U.S. Department of Housing and Urban Development
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Washington, DC 20410
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Environmental Assessment
Determinations and Compliance Findings for HUD-assisted Projects
24 CFR Part 58

Project Information

Project Name: PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
Responsible Entity: Puerto Rico Department of Housing (PRDOH)
Grant Recipient MUNICIPIO AUTONOMO DE SAN JUAN
State/Local Identifier: SAN JUAN, PUERTO RICO

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Grant Recipient MUNICIPIO AUTONOMO DE SAN JUAN

Consultant (if applicable): Gabriel Berriz y Asociados

Direct Comments to: Angel López Guzmán PRDOH at environmentcdbg@vivienda.pr.gov

Project Location:

The project PARQUE DEL TERCER MILENIO is located at Luis Muñon Marín Avenue, San Juan Antiguo Ward, San Juan, PR. (See Location Map attached at Attachment A of this report.).

A centroid for the parcel was located at the following coordinates: Lat: 18.465682°, Lon: -66.090019°. The parcels cadastral numbers are 040-006-125-01 and 040-006-135-01. The property boundaries are as follows: on the North, East and West the project site is adjacent to other portions of Parque del Tercer Milenio. On the South the project is adjacent to and North of the Luis Muñoz Marín Avenue.

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

(Supplied by HERNANDEZ-BAUZA, PSC, ARCHITECTS)
Project: ESCAMBRON SKATE PARK
Owner: Autonomous Municipality of San Juan

The Scope of Work (SOW) of this remodeling project is a partial area of the Parque del Tercer Milenio that includes the existing Ball Park with an area of 62,000 sqf (square feet) and the corridor parallel to the running track, from the Ball Park to the east side exit. In this corridor, it includes the demolition of the concrete stands on the North side of the running track, which are in a high degree of deterioration, and the two concrete stands with dugouts in the Baseball Field. The running track is not part of our SOW, nor are the historic Sixto Escobar structures. Below you can see the area designated for the project.

See below Photo of the Stands structure (24,231 sqf) of the track, to be demolished by another project.



In the southern part of the ballpark, the Skatepark will be developed, leaving an open field with grass on the northern side. This area was selected because as you move northward the water table becomes closer to the surface. The existing corridor along the track (where the concrete stands will be demolished) will be remodeled to accommodate a children's linear passive park with play elements. In the other open areas, the pavements will be improved, and the existing landscaping will remain. Below is the initial conceptual sketch of the areas to be remodeled for both activities.

The Skatepark consists of 30,000 sqf of pavements with obstacles and bowls for the practice of skateboarding at an international level, to be located within a portion of the 62,000 sqf footprint of the existing Ballpark. The remainder of the Ballpark land, some 32,000 sqf will remain open as a green field. All the necessary infrastructure systems of water, sanitary sewer, electricity, and storm sewer are present in the existing park and will supply the needs of the proposed projects. The only structure to be built above ground level will include two restrooms to serve Skatepark users and a canopy roof signaling the entrance to the Skatepark. The proposed project entails the replacement of old lighting poles with new ones, improvements to existing pavements and landscape gardening for green areas, plus cutting and pruning of existing trees and plants. See proposed schematic below:

All the areas used for this development are areas that have already been impacted by the Third Millennium Park project (1999) and are being reprogrammed to be remodeled and reused in other sports and recreational activities. It is not proposed to expand the footprint of new facilities outside of the existing footprint of already impacted areas. The total area determined in our SOW by the MASJ consists of 3.8 acre of existing footprint.

The Scope of Work (SOW) of the Parque del Tercer Milenio project includes the construction of a Skatepark in the southern section of the existing Ball Park and the construction of a linear passive park in the corridor along the existing athletics track (35,500 sqf total). The project includes the demolition of the two concrete stands with dugouts in the Baseball Field (1,634.580 sqf).

II. List of Actions:

A) General Actions:

5. Remedial actions directed towards the protection of the environment, conservation of resources, mitigation plans, cleaning and disposal of polluting materials, emergency repair of existing infrastructure, among others;

C) New Construction Actions:

10. Construction of structures whose use is ministerial in the zoning where it is located;

D) Demolition or reconstruction and/or expansion actions:

12. Demolition of structures and infrastructure works;

13. Remodeling and reconstruction of existing structures.

14. Minor expansion of existing structures that remain within the footprint of the property for operations whose uses are duly authorized by the qualification or by means of a use permit or a location inquiry;

E) Actions of installation, replacement, rehabilitation and/or substitution of equipment or infrastructure works:

18. Improvements, remodeling or maintenance of infrastructure works carried out by the Government of Puerto Rico, its municipalities or the Government of the United States;

19. Installation and improvement of electrical lines or towers, poles, pipes, trenches, manholes, wells, pluvial systems, pump systems for flood control;

21. Replacement, rehabilitation, restoration or improvement of infrastructure works within the same footprint, such as, but not limited to: streets, roads, sidewalks, curbs, lateral slopes, bridges, culverts, rails and docks;

F) Mitigation actions, decoration, cutting and pruning of trees:

22. Maintenance work, cleaning, decoration, cutting and pruning of trees;

23. Paving, repaving or scarifying work;

Task summary:

- Construction of a new 30,000 sqf Concrete Skate Park including two rest rooms and a canopy roof.
- Construction of a new 2,500 sqf Children Playground area.
- Rehabilitation of an existing Public Art Sculpture.
- Improvement to the Park electric and plumbing infrastructure.
- Improvements to existing sidewalks.
- Replacement of urban furniture (banks, tables, garbage containers, bollards).
- Installation of new urban furniture (bike stands, shaded areas.
- Improvement to existing sign system.
- Reforestation and landscape installation.
- Demolition of architecture barriers (Fences) and installation of new fences.
- Demolition of existing concrete bleachers and dugouts on the Baseball Park.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

(From the Request for Proposals, Municipality of San Juan)

The proposed project is located in the Tercer Milenio Park also known as “El Escambrón and Sixto Escobar”, which is adjacent to the Puerto Rico State Road PR-25R (Luis Muñoz Marin Avenue) in the municipality of San Juan, Puerto Rico. The property is owned by the Municipality of San Juan (MSJ) and contains a combination of green areas, sculptures, structures, sport facilities, a generous parking area, access to the Escambrón Beach and connection to the bike/pedestrian walkway to Puerta de Tierra Lineal Park. It has an estimated capacity for about 4,000 visitors (Municipality of San Juan Web Page)**.**

The Hurricane Maria (Autumn 2017) caused a great damage across Puerto Rico. As a result, municipal facilities, like the Tercer Milenio Park, became sub utilized or unable to be used by the community. The availability of the CDBG-DR funds opened new opportunities to restore and rebuild the facilities for the use and enjoyment of the community.

The project proposes to conduct remodeling, repurposing and new construction activities to enhance the architectural, structural, electrical, civil, plumbing, graphic signage and landscape ambits. MSJ seeks to provide the community with enhanced recreation facilities as part of a process to revitalize and modernize and promote Green Initiatives in its city centers through smart design. The project is expected to promote healthy habits, participation in sport activities and more active use of the municipal facilities. Public spaces are to be restored, updated and landscaped to meet the CDBG -DR program goals.

The project pursue to achieve:

a) Conduct repairs, improvements and new construction to the Tercer Milenio Park facilities related to the damages caused by Hurricane María (2017).
b) The revitalization of the park areas and sport facilities and make them accessible again for he use of the community.
c) To stimulate the community to participate in outdoor and sporting activities
d) To attract new visitors to the Tercer Milenio area to reactivate the economic activity in the area.

Existing Conditions and Trends [24 CFR 58.40(a)]:

After the impact of the Hurricane Maria (Autumn 2017) which caused a great damage across Puerto Rico. The municipal facilities at the Tercer Milenio Park, particularly those to the East of the existing pedestrian bridge, became sub utilized or unable to be used by the community. The availability of the CDBG-DR funds opened new opportunities to restore and rebuild the facilities for the use and enjoyment of the community.

The potential of use and need of the Tercer Milenio Park facilities is significant. The population estimate for the Municipality of San Juan for the year 2020 (https://www.census.gov/quickfacts/fact/table/sanjuanzonaurbanapuertorico) was of 322,854

persons and the 15.8 % (more than 50,000 persons) of them were persons under 18 years old. The Tercer milenio Park has an estimated capacity of about 4,000 visitors (Municipality of San Juan Web Page)

Excerpt from (Top Trends in Parks and Recreation for 2022 December 16, 2021, Richard J. Dolesh) Top Trends in Parks and Recreation for 2022 in National Recreation and Park Association (NRPA):

Parks as Infrastructure

The American Society of Civil Engineers rates the state of the nation's infrastructure in its quadrennial report to Congress and the president. The 2021 report states that parks support economic prosperity, prevent damage from storm water and build healthy communities, but that despite increased popularity, "State parks and local parks face a $5.6 billion and $60 billion deferred maintenance backlog, respectively."

A Golden Age of Park and Recreation Infrastructure?

With the passage of the Great American Outdoors Act in 2020 that permanently funds the Land and Water Conservation Act at $900 million annually, and the recent passage of long-sought infrastructure funding in the INVEST in America Act, there will be billions of dollars available for land acquisition, park and recreation planning, and infrastructure maintenance, repair, and development. Agencies that are prepared will be able to tap into funding for roads and bridges, climate change resiliency, renewable energy utilization, waste reduction and recycling, and even "tree equity."

The Role of Parks in Reducing Urban Heat Islands

One of the more pernicious effects of climate change is the trapping of extreme heat in dense urban areas. Often, these highly developed areas contain little heat-absorbing natural cover and have high percentages of impervious heat-collecting surfaces, which amplify extreme heat in the daytime and then radiate it in the night hours. The concentration of waste energy, air pollution and loss of tree canopy cover all magnify the negative health impacts as well, which affect vulnerable and low-income populations the most. Not surprisingly, New Orleans; Newark, New Jersey; New York City; Houston; San Francisco; Boston; Chicago; Miami; and Baltimore have

the highest urban heat indexes, according to the Climate Central report, Hot Zones, Urban Heat Islands.

Parks and green spaces are proving to be among the most effective tools to combat the effects of urban heat islands, and cities and urban counties are looking to maximize the benefits of their park systems to combat urban heat island effects.

Decline in Youth Sports Participation

Multiple studies have found that there has been a sharp and continuing decline in youth sports participation. Concurrently, there also has been a steady decline in physical activity by youth. The Aspen Institute's Project Play State of Play 2021 report shows that before the restrictions imposed by the pandemic, participation in youth sports declined from 45 percent in 2008 to 38 percent in 2018. Most kids' ages 6 to 12 playing a team sport quit by age 11, and since the pandemic, three in 10 kids who previously played say they are no longer interested in playing again. (Note: 15.8 % (more than 50,000 persons) of the population in San Juan, PR (Census, 2020) were persons under 18 years old.)

These statistics have alarmed youth sports organizations and child health experts alike. One way some agencies are addressing these issues is by hosting sports sampling programs. These specifically designed programs are held over a day or a weekend, during which sports trainers, players and leaders give kids an opportunity to try a variety of sports out for an hour or two and then move on to another sport. Rachel Banner, director of park access for NRPA, believes that we will see considerable innovation in how sports programs are offered and that there will be a return to community-based sports. "Park and recreation agencies are ideally positioned to be the multi-sports providers," she says.

Josh Medeiros, superintendent of Parks, Recreation, Youth and Community Services in Bristol, Connecticut, says his agency has seen the same decline in participation in youth sports and is now looking at some non-traditional sports. For example, they are supporting mountain biking for youth and have partnered with Bike Bristol, a nonprofit volunteer group, to build a pump track for kids and teens.

Medeiros says that they have instituted pop-up parks in neighborhood parks around the city where they host mini-golf days, family game nights and other recreational activities for kids

who most likely have never experienced these games and sports before. He agrees they have seen a big drop off in participation in youth team sports. "[COVID-19] didn't help, either," he says.

Funding Information

Grant Number	HUD Program	Funding Amount
B-17-DM-72-0001 B-18-DP-72-0001 B-19-DP-78-0002 B-18-DE-72-0001	Community Development Block Grant – Disaster Recovery (CDBG-DR)	**$11,938,162,230**

Estimated Total HUD Funded Amount:

$ 9,675,444.12 (nine million six hundred seventy-five thousand four hundred forty-four dollar and twelve cents)

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]**:**

$ 9,675,444.12 (nine million six hundred seventy-five thousand four hundred forty-four dollar and twelve cents)

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes ☐ No ☒	The project is not located within an FAA-designated civilian airport Runway Clear Zone (RCA) or Runway Protection Zone, or within the military Airfield Clear Zone (CZ) or Accident Potential Zone/Approach Protection Zone (APZ), based upon information from the airport or military airfield administrator identifying the boundaries of such zones. The closest Primary Commercial Service (P) Civil Airport, the SIG-Fernando L Ribas Dominci Airport, is located at about 2,536 feet from the project limits. Additionally, the only Military Airport is the Luis Munoz Marin in San Juan is far beyond the 15,000 feet for compliance issues (26,890 feet). Therefore, this topic is in compliance with 24 CFR Part 51 Subpart D regulations. See Information and/or Figures attached at Attachment I of this report.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes ☐ No ☒	A USFWS Coastal Barrier Resources System Mapper Documentation Map is included showing that the project site is not included in nor affected by Coastal Barrier Resources System (CBRS) boundaries (27,927 feet to PR-86P). Therefore, this topic is in compliance with 16 USC 3501 regulations. See Information and/or Figures attached at Attachment II of this report.

Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes ☒ No ☐	A FEMA Flood Insurance Rate Map (FIRM) (72000C0355J, 11/18/2009) shows that the project is located in a Special Flood Hazard Area (AE EL3.4 m and AE EL 3m). The area is included in the PR National Flood Insurance Program (NFIP). A copy of the flood insurance policy declaration, a paid receipt for the current annual flood insurance premium were supplied by the Grant Recipient. The Grant Recipient will maintain a valid Flood Insurance Policy. Therefore, this topic is in compliance with the Flood Disaster Protection Act of 1973 and National Flood Insurance regulations. See Information and/or Figures attached at Attachment III of this report.
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes ☐ No ☒	The project does include new construction but it will not cause conversion of land use facilitating the development of public, commercial, or industrial facilities or five or more dwelling units. The Book US EPA (https://www3.epa.gov/airquality/greenbook/ancl3.html) indicate that the project area is in an status of NONATTAIMENT: Sulfur Dioxide (2010) Nonattainment Area Area/State/County Report Data is current as of May 31, 2023 San Juan, PR (Nonattainment) San Juan Municipio (P) *(San Juan Antiguo Ward., Santurce Ward., Hato Rey Norte Ward., Gobernador Pinero Ward.)* Attached is the Puerto Rico Non-Attainment State Implementation Plan Sulfur Dioxide (SO2) National Ambient Air Quality Standard that explain how bring into compliance with the 2010 1-Hour Sulfur Dioxide (SO2) primary NAAQS the designated SO2 non-attainment areas in Puerto Rico and the mitigation needed.

		The proposed project will not contribute to the emission of SO2. Sulfur dioxide is primarily derived from fossil fuel combustion at power plants and other industrial facilities, both which will not be part of the proposed improvements. In order to develop the proposed activities, the project will obtain from the Puerto Rico's Office for the Management of Permits (OGPe) a Construction Permit (POC) and a Unique Incidental Permit which will require the project to implement measures regarding the control of fugitive dust, erosion control and storm water control. Therefore, conditioned to the above conditions, this topic is in compliance with Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93 regulations See Information and/or Figures attached at Attachment VI of this report.
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes ☒ No ☐	The proposed project is inside but is not expected to affect the Puerto Rico's coastal zone. A Certificate of Consistency with the Coastal Zone Management was granted on October 5, 2023 and informed in a letter issued on November 08, 2023 by the Coastal Zone Management Office of the PRPB. A map depicting the relation of the project to the Coastal Zone Limits is included (PR Coastal Management Zone Limits obtained from https://gis.pr.gov/Pages/default.aspx.) Therefore, this topic is in compliance with Coastal Zone Management Act, sections 307(c) & (d) regulations. See Information and/or Figures attached at Attachment V of this report.
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes ☐ No ☒	The NEPAssist Tool (Accessed on Dec 04, 2024) does not identify the site as a hazardous waste (RCRA) facility or a toxic release facility. While eight (8) hazardous waste (RCRA) facilities were identified within a 3,000 feet radius, no (RCRA) facilities were identified within a 500 feet radius. No RCRA Facilities with current violations were shown

		at the EPA ECHO Tool. Available Detailed EPA ECHO Reports are included. A site visit to record the site's general conditions was performed by Laredo Gonzalez on 03/21/2023. An Asbestos Containing Materials (ACM) and Lead Based Paint (LBP) survey was conducted at the project site on November 2022. No ACM or LBP were reported at the project site (identified as "Baseball Park", see also Appendix IV of the LBP report). Therefore, conditioned to the information above and according with the information provided by the Gran Recipient, this topic is in compliance with 24 CFR Part 50.3(i) & 58.5(i)(2) regulations. See Information and/or Figures attached at Attachment VI of this report.
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes ☒ No ☐	The nearest designated critical habitat (*Eleutherodactylus juanariveroi*) is located at about 37,425 feet West from the project. Although the USFWS IpaC service identify the potential presence of *Chilabothrus. inornatus* (Puerto Rican Boa) the species was not found at the project site. A Flora and Fauna Assessment conducted at the project site did not recorded the presence of endangered species, or its habitat. A PRDNER Natural Habitat Certification classified the site as Category 6 (Low probability of having or developing a habitat of ecological value). The proposed project may affect, but is not likely to adversely affect Puerto Rican boas. Puerto Rican Boa Conservation Measures (USFWS, January 2024): 1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with

		photo or illustration of the species should be displayed at the project site. 2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas. 3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or project personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area. 4. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #5). Do not capture the boa. If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #s: (787) 724-5700, (787) 230-5550, (787) 771-1124). If immediate relocation is not an option, project-related activities at that area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue. 5. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior. 6. If a PR boa is captured by PRDNER personnel, record the name of that person and information on where the PR boa will be

		taken. This information should be reported to the Service. 7. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal, and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #4). If not possible, the animal should be left alone until it leaves the vehicle on its own. 8. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future. 9. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #5). If the PR boa was accidentally killed as part of the project actions, please include information on what conservation measures had been implemented and what actions will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event. 10. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance.

		See also the January 14 2003 USFWS Blanket Letter criteria 8 to 11, and USFWS concurrence letter of 2023-08-15. Therefore, this topic is in compliance with Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402 regulations. Figures attached at Attachment VII of this report.
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes ☐ No ☒	The proposed HUD-assisted project does not comprise the development of a hazardous facility. The proposed project will not increase residential densities in the area. Therefore, this topic is in compliance with 24 CFR Part 51 Subpart C regulations. Figures attached at Attachment VIII of this report.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes ☐ No ☒	The proposed project is located in an already developed urban parcel. A USDA Farmland Classification Map identified the area as No Prime Farm Land. Therefore, this topic is in compliance with HUD regulations. Therefore, this topic is in compliance with 24 CFR Part 51 Subpart C regulations. Figures attached at Attachment IX of this report.
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes ☒ No ☐	The proposed project is located on a floodplain (ABFE Map is included). No PFIRM is available for this area. The Early Notice and Public Review of the Proposed Activity in a 100-Year Floodplain was published as part of the CDBG-DR City Revitalization Program, in the El Vocero newspaper of Puerto Rico on June 8, 2023. The commenting period ended on June 24, 2023. The comments received requesting additional information regarding the proposed project were addressed by PRDOH (copies are included see: Attachment X of this report.). The Final Notice and Public Explanation of a Proposed Activity in the 100-Year Floodplain the Puerto Rico Department of Housing (as the Responsible Entity) was published as part of HUD's requirements for the release of CDBG-DR funds to undertake the project. The comment

		period concluded on November 29, 2023. No additional comments were received from the public concerning the final notice. The MSJ will assure that this project as described in the final plans and documents is appropriately executed and that all necessary language will be included in all agreements with participating parties. The MSJ will also take an active role in monitoring the construction process to ensure no unnecessary impacts occur nor unnecessary risks are taken. Therefore, this topic is in compliance with Executive Order 11988, particularly section 2(a); 24 CFR Part 55 regulations. See Information and/or Figures attached at Attachment X of this report.
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes ☒ No ☐	On Aug/21/2024 SHPO wrote*: "Our Office has received and reviewed the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the National Historic Preservation Act, as amended) and 36 CFR Part 800: Protection of Historic Properties from the Advisory Council on Historic Preservation.* *After a review of all the documentation, the PRSHPO agrees with your finding that the proposed project with the established conditions, will have no adverse effect upon historic properties: Archaeological monitoring during project implementation. Please provide us with an archaeological monitoring plan, for our review and concurrence, prior to implementation.*" Later, on Sept 5 of 2024, SHPO wrote: "*We acknowledge receipt of the archaeological monitoring work plan submitted on August 26, 2024, for the case mentioned above. The plan is deemed acceptable, and we concur with its implementation. Please notify the PRSHPO the archaeological monitoring start date 48 hours prior to the initiation of work.".* Therefore, conditioned to the information above, this topic is in compliance with National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR

		Part 800 regulations. See Information and/or Figures attached at Attachment XI of this report.
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes ☐ No ☒	The proposed project does not include New Construction for Residential Use nor the Rehabilitation of an existing residential property. Noise may be generated by construction activities, but it is not anticipated it will adversely impact the surrounding neighborhood. No increase of the existing noise levels is expected during operation. The applicant will implement the regulations at the "Reglamento para el Control de la Contaminación por Ruidos (Reglamento 8019 del 9 de mayo del 2011)" Therefore, this topic is in compliance with Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B. See Information and/or Figures attached at Attachment XII of this report.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes ☐ No ☒	There are no sole source aquifers in PR. An EPA map for Sole Source Aquifers (https://epa.maps.arcgis.com/) and its lack in PR is provided. An EPA map (https://epa.maps.arcgis.com/) for Sole Source Aquifers shows that the nearest Sole Source Aquifer is located at about 0.9 thousand miles from Puerto Rico, in Florida, US. Therefore, this topic is in compliance with Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149 regulations. See Information and/or Figures attached at Attachment XIII of this report.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes ☐ No ☒	A USFWS National Wetland Inventory Map is attached. No wetlands were identified inside nor within 100 feet (159.1 feet to the nearest North Coast M2US2P wetlands) from the project limits. The PRIMARY SCREENING FOR WETLANDS AS PER HUD's REGULATIONS AT 24 CFR 55.9(b) and field observations conducted on 03/21/2023, did not yield positive presence of wetlands indicators and conclusively determined that the project site does not

		contain wetlands. Therefore, this topic is in compliance with Executive Order 11990, particularly sections 2 and 5 regulations. See information and/or Figures attached at Attachment XIV of this report.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes ☐ No ☒	The project is not located within one mile of a listed Wild and Scenic River. As per US Forest Service Geospatial Data Discovery, Puerto Rico's Designated National Wild and Scenic Rivers (Rio Icacos and Rio Mameyes) are located at about 120,880 feet (22.9 miles) east-southeast of the proposed project site east southeast of the proposed project site. Therefore, this topic is in compliance with Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c) regulations. See Information and/or Figures attached at Attachment XV of this report.
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes ☐ No ☒	On January 21, 2025, President Donald Trump issued the Executive Order 14173 titled "Ending Illegal Discrimination and Restoring Merit-Based Opportunity", which revoked Executive Order 12898 and eliminated federal mandates requiring agencies to assess environmental justice impacts. Consequently, there is no longer a federal requirement to address environmental justice concerns in the environmental compliance review process.

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27]

Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

(1) Minor beneficial impact
(2) No impact anticipated
(3) Minor Adverse Impact – May require mitigation
(4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement
n/a This item is no longer required to be assessed

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The project includes the construction of a Skate Park in the southern section of the existing Ball Park and the construction of a linear passive park in the corridor along the existing athletics track (35,500 square feet total). The project includes the demolition of the two concrete stands with dugouts in the Baseball Field (1,634.580 square feet). The Skate Park will include pavements with obstacles and bowls for the practice of skateboarding at an international level, leaving an open field with grass on the northern side. The existing corridor along the track will be remodeled to accommodate a children's linear passive park with outdoor children's games elements. In the other open areas, the pavements will be improved, and the existing landscaping will remain. Zoning of this track of land is DD ("Dotacional Publico") as per San Juan Municipality Zoning Map, Sheet 2C (March/13/2003) (Attachment XVII.M) and at APZ- ZC district as per in the Karst Special Planning Zone Map, (adopted by the PRPB on Jul/4/2014) (Attachment XVII.A).The proposed project and activities are in compliance with the zoning district, no variations, exceptions or land use consultation from the Puerto Rico Planning Board will be required. As per USDA_NRCS mapping tool (Attachment IX), the area does not contain Prime Farm Lands therefore, this area is not subject to the Farmland Protection Policy Act (FPPA).

		The parcel is already developed (Attachment XVII.G). The proposed project includes demolitions and will minimize the earth work. Some existing trees may need to be removed but most of the trees and existing green areas inside project the limits will be preserved, enhanced and the use of the existing features and characteristics will be maximized. The project is compatible with the use of the adjacent spaces which are already developed and mainly as recreational areas also.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The project includes the construction of a Skate Park in the southern portion of the existing Ball Park and the construction of a linear passive park in the corridor along the existing athletics track (35,500 square feet total). It also includes the demolition of the two concrete stands with dugouts in the Baseball Field (1,634.580 square feet). As per the Survey Map (Attachment XVII.L), the project parcel is flat and no surface linear water features or ponds are reported inside the project limits. The earth work will be minimize see: Geotechnical study prepared for the project at Attachment XVII.J indicating, among other results and recommendations that: "*The underlying soils at the tract of land are capable to sustain the loads of the presently proposed structures planned (e.g., Skate Bowls and Pedestrian Trails etc.). However, the borings of exploration found a very loose to medium fill section, followed by a soft/loose compressible organic deposit with peat inclusions found beneath the upper fill section. The identified compressible layer extends from 8.0 to about 28.0, approximately. The disclosed organic muck layer, varying between 7.0 to 20.0 ft. in thickness, presents a detrimental effect in regard to settlement by any additional load to be imparted upon construction. Of considerations is any additional loading (e.g., fill) which will initiate a new consolidation cycle (primary and secondary compression) of the organic to slightly organic deposits"*. "*Presently, the existing fill section is presently experiencing settlements from its own weight. Thus, residual secondary settlement will allow additional settlements to develop at an ever diminishing rate all throughout the lifespan of the project due to secondary compression settlement only. Therefore, new or additional fill sections <u>SHALL BE AVOIDED</u> at the site and should be evaluated from the designer's viewpoint for the long-term performance of the surrounding lands, and any existing structures (e.g., pedestrian bridge) or new structures (e.g., entrance arcade). Thus, as a primary design consideration <u>NO ADDITIONAL FILL</u> material shall be allowed. However, the presently design scheme, require raising the existing grade, some 0.5 to about 5.5 ft., to allow the construction of the proposed skate bowls. The following table summarized the general grading requirements based on the proposed Site and preliminary grading plans submitted, which disclosed mostly fill sections will be required for the proposed development presently contemplated*. Also: *"Experience at the site revealed the average ground water is at an average depth of 5.50 ft. below the existing grade. IT IS HIGHLY RECOMMENDED the*

		bottom foundation elevation of the proposed structures, in the Escambrón Skate Park facilities, be NOT lower than 1.0 meter below the existing grade". And that "*The presently design scheme, require raising the existing grade, some 1.0 ft. to about 5.5 ft., to allow the construction of the proposed skate bowls. Therefore, considering the type of structure planned (lightweight), the use of Expanded Polystyrene Fill (EPS) can be considered by the A/E design Team as an alternate backfill material in lieu to conventional backfill material (i.e., AASHTO A-2-4 fill material) to construct the proposed embankment, which would essentially eliminate foundation soil settlements. Consolidation of the EPS lightweight fill should be expected to be limited to one percent of the embankment height. Expanded Polystyrene Fill (EPS) also known as "Geofoam" are low-density cellular plastic blocks to be used as lightweight, stable, inert, environmentally safe fill. It is a lightweight fill used to reduce vertical stresses beneath embankments, or to reduce lateral stresses on retaining walls, abutments or foundations*". The grant recipient will follow all geotechnical study recommendations in the preparation of the construction documents. Facilities to manage storm water, including a detention pond, are proposed. The Geotechnical study prepared for the project at Attachment XVII.J indicates that: "*an underdrain beneath the complete footprint of the proposed skate park facilities shall be provided. The underdrain shall have a minimum thickness of 12.0 inches, composed of bluish gray crushed stone with diameters not greater than 1.5 inches. The under drain shall be connected to the project's storm sewer system*". As a component of the Unique Incidental Permit ("PUI") the Grant Recipient will prepare and get approval by the Puerto Rico Office for the Management of Permits (OGPe) of an Erosion Control Plan and Storm water Pollution Prevention Plan. The OGPe customarily instruct the proponents to "*Implementar todo tipo de medidas disponibles (Plan CES, el "Storm Water Pollution Prevention Plan SWPPP", filtros, pacas de heno, etc.) para el control de sedimentación y escorrentías que puedan afectar los cuerpos de agua. Se deberán implantar las mejores prácticas posibles (BMPs, por sus siglas en inglés) a ser ejecutadas durante cada etapa del proyecto*" and that "*Para la descarga de escorrentía, tendrán que obtener de la Agencia Federal para la Protección Ambiental, un permiso NPDES de acuerdo al Código Federal de Reglamentación número 40*." The Erosion and Sedimentation Control Plan will include the appropriate measures (including hay packs, small detention ponds, dikes o channels) to manage runoff water, prevent sedimentation and provide appropriate conduction and drainage. The Final civil and mechanical plans will ensure that all appropriate measures are considered to manage runoff water inside the project limits and provide appropriate drainage. The final drawings for the proposed project will be designed and the project will be build

		following all applicable, law, regulations, municipal ordinances and the current building codes for Puerto Rico and they will consider the effects of strong winds and heavy rainy events and the occurrence of hurricanes and earthquakes. The Grant Recipient will comply with the requirements of the PRDNER (Aug 15, 2023; Attachment XVII.I.), among them: "*Se deberá cumplir con el Reglamento sobre Normas de Diseño, Criterios y Mantenimiento para Sistemas de Alcantarillados Pluviales en Puerto Rico (Reglamento de Planificacion Num. 40 del 18 de abril de 2023)*" and "*lmplementar todo tipo de medidas disponibles (Plan CES, el "Storm Water Pollution Prevention PlanSWPPP", filtros, pacas de heno, etc.) para el control de sedimentación y escorrentías que puedan afectar la zona costera. Se deberán implantar las mejores prácticas posibles (BMPs, por sus siglas en inglés) a ser ejecutadas durante cada etapa del proyecto. Las BMPs son las técnicas (zonas de amortiguamiento, cortinas de retención de sedimento, estanques de detención, surcos, etc.), programación de actividades, prácticas prohibidas, y procedimientos de mantenimiento para prevenir o reducir las descargas de contaminantes a los cuerpos de agua cercanos que pudieran afectarse durante la construcción. Asimismo, se deberán tomar medidas para evitar que residuos de sustancias orgánicas e inorgánicas tales como: aceite: combustibles y otras sustancias químicas, puedan ser arrastradas por la escorrentía y ganen acceso a la zona costera o se infiltren en el terreno*".
Hazards and Nuisances including Site Safety and Noise	2	The proposed project is not expected to become a source of noise, air pollutants or obnoxious odors. Lighting fixtures will be selected to avoid/minimize light contamination toward the shore line. The applicant will also implement the regulations of the "*Reglamento para el Control y la Prevención de la Contaminación Lumínica (Reglamento 8786 del 9 de agosto del 2016), según enmendado"* Once in operation, the new facilities will mostly host outdoor activities. The nearest sources of noise are the Luis Muñoz Marin Avenue that is adjacent to southern project limit and the Fernando Ribas Doninici (Isla Grande) Airport, located at about 2,554 feet south. The applicant will also implement the regulations of the "*Reglamento para el Control de la Contaminación por Ruidos (Reglamento 8019 del 9 de mayo del 2011)"* The Grant Recipient will comply with the requirements of the PRDNER (Aug 15, 2023; Attachment XVII.I.), among them: "*Debera cumplir con las disposiciones del Reglamento para el Control de Contaminacion Atmosferica, el Reglamento para el Control de la Contaminacion por Ruido, el Reglamento de Estandares de Calidad de Agua, el Reglamento p~ra el Control y la Prevencion de la Contaminacion Luminica y el Reglamento para el Manejo de Desperdicios Solido No Peligrosos y el Reglamento para el Tramite de Permisos Generales, asi como obtener los permisos correspondientes relacionados a dichos reglamentos*."

		The proposed structures will be designed and build following the applicable, law, regulations, municipal ordinances and the current building codes for Puerto Rico and they will contemplate the effects of strong winds and heavy rainy events and the occurrence of hurricanes and earthquakes. No risk of landslides is anticipated. The project is not identified as an area subjected to storm surge in the FEMA's flood map. Prior to be granted a permit to use the new facilities, the project must obtain a certification of compliance with Puerto Rico's health and safety (fire) parameters. During the construction phase OSHA regulations will be implemented. Measures (proper maintenance and use of equipment and vehicles, washing of truck tires, water sprayers, etc.) will be in place to avoid excessive noise and emissions from the heavy equipment and dust. The traffic of construction equipment will be coordinate with the municipal and state authorities

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	**2**	According to https://datausa.io/profile/geo/san-juan-pr, "*In 2023, San Juan, PR had a population of 321k people with a median age of 45.2 and a median household income of $27,500. Between 2022 and 2023 the population of San Juan, PR declined from 322,616 to 320,691, a −0.597% decrease and its median household income grew from $26,610 to $27,500, a 3.34% increase".* The project anticipates the use of local labor. The project will be an opportunity for the local skilled labor to conduct construction work. Due to the characteristics of the proposed project, construction job offerings may be temporary, but significant during the construction period. It may also provide employment opportunities for local service providers during operation (repairs and remodel, equipment repairs, landscaping, mechanic services, etc.) but, due to the size of the project, it may not significantly affect employment and income patterns in the region. (No study regarding this resource have been supplied to the preparer).
Demographic Character Changes, Displacement	**1**	According to https://datausa.io/profile/geo/san-juan-pr, "*The 5 largest ethnic groups in San Juan, PR are White (Hispanic) (31.2%), Two+ (Hispanic) (30.1%), Other (Hispanic) (25.6%), Black or African American (Hispanic) (10.5%), and White (Non-Hispanic) (1.46%)".* The project is not expected to adversely affect demographic character nor cause demographic displacement. The project consist in re-developing an already developed area and

		enhancing the recreational alternatives by providing new sport facilities, passive recreational areas and children passive areas and playgrounds. While the overall project will have a limited construction timeframe, it anticipates the use of local labor and, once completed, will be accessible to the community as a whole and will result in an enhancement of the present use and recreational offer. The project is expected to positively affect the local physical, social, and psychological values of the San Juan community. It is not anticipated to cause gentrification or significantly alter property values or rents. It is not expected to displace any population segment. The subject project is proposed at a public owned parcel that is already developed. (No study regarding this resource have been supplied to the preparer)
Environmental Justice	n/a	On January 21, 2025, President Donald Trump issued the Executive Order 14173 titled "Ending Illegal Discrimination and Restoring Merit-Based Opportunity", which revoked Executive Order 12898 and eliminated federal mandates requiring agencies to assess environmental justice impacts. Consequently, there is no longer a federal requirement to address environmental justice concerns in the environmental compliance review process.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The project is enhancing and creating sport and recreation facilities and remodeling cultural assets. It is expected to improve the recreational opportunities and experiences in the area. During the environmental planning phase, the project addressed the archaeological, historic and cultural elements in the zone and the potential effect of the proposed activities on those resources and an archaeological monitoring plan will be conducted to actively preserve their integrity (See additional Information and/or Figures attached in Attachment XI). The projected project may not significantly increase the student population or adversely affect the existing educational resources, on the contrary, the project will enhance the recreational offering in San Juan. According to the information included in Google Earth Pro application, the Old San Juan area, located at about 1.6 miles west, contain several museums (like “Museo de San Juan”

		and "Casa Museo Felisa Rincon de Gautier"), art galleries (like, "Galeria Botello", "Galeria Exodo" and "Galeria Caos" and commercial outlets (like "SuperMax, Marshalls, and Souvenir Outlet Puerto Rico). Also, the "Escuela Superior Dr. José Celso Barbosa" - High school, is located at about 0.7 miles west. According to https://datausa.io/profile/geo/san-juan-pr, "*the largest universities in San Juan, PR are University of Puerto Rico Rio Piedras (2,424 degrees awarded in 2022), Universidad Ana G. Mendez-Cupey Campus (1,831 degrees), and Inter American University of Puerto Rico-Metro (1,205 degrees)*". The project is creating new recreation facilities and children playgrounds. It is aimed to provide enhanced recreational opportunities and experiences for the community. A map depicting the locations of Educational, Public Safety and Emergency Medical is included in Attachment XVII.K
Commercial Facilities	1	The project is not expected to adversely affect the demand for commercial activities in the area. On the contrary, the new users may become new costumers for the local business. Local retail services are expected to meet the needs of project occupants/users as they already serve a similar population body. Local retail services and stores are expected to be accessed by personal or family automobiles. In recent years several retail business have implemented delivery services but it is unknown its availability in the area. According to the information included in Google Earth Pro application, the Old San Juan area, located at about 1.6 miles west, contain museums (like "Museo de San Juan" and "Casa Museo Felisa Rincon de Gautier"), art galleries (like, "Galeria Botello", "Galeria Exodo" and "Galeria Caos" and other commercial outlets (like "SuperMax, Marshalls, and Souvenir Outlet Puerto Rico) (No study regarding this resource have been supplied to the preparer)
Health Care and Social Services	2	According to https://www.census.gov/quickfacts/pr, (April 2020), the population under 5 years in San Juan comprises the 3.5% of the population and the population under 18 years in San Juan comprises the 15.8% of the population (322,854 persons). While incidents may occur during the use of the proposed facilities, the expected practitioners are projected to be knowledgeable and aware of the personal protection equipment and devices which are required to practice the skate board sport. However the MSJ will prevent incidents by placing signage encouraging and requiring the use of appropriate personal protective equipment. The project is not expected to significantly increase the need for health care

		services beyond current capacities in the area. Health Care services are provided nearby in hospitals and clinics and, According to the information included in Google Earth Pro application at about 0.4 mile West, there is located the "Centro Más Salud Dr. Manuel Quevedo Báez". A map depicting the locations of Educational, Public Safety and Emergency Medical is included in Attachment XVII.K Emergency services are provided in hospitals and clinics and, if the emergency occurs at home, at work place or at public places, emergency services are usually initiated by paramedics at the site and/or during ambulance transportation to an Emergency Care Unit. The time of response in Puerto Rico measured since a call is received through the 9-1-1 emergency service number, is estimated in 13 to 16 minutes but it may be up to 23 minutes for remote places (from EL VOCERO 05/11/2022, interview to the Emergency Services Commissioner Mr.Gonzalez Azcuy). The statement above depicts a general behavior of this service in Puerto Rico. It is no possible to anticipate the actual time of response of emergency services as it will be determined by the resource availability at the moment when the emergency occurs. (No study regarding this resource have been supplied to the preparer)
Solid Waste Disposal / Recycling	2	The project received the recommendations and requirements from the Puerto Rico Department of Natural and Environmental Resources (PRDNER), specifically from the Solid Waste Division (ADS). The applicant shall follow those recommendations and requirements in the preparation of the construction documents. (See Attachment XVII.I) The Grant Recipient will comply with the requirements of the PRDNER (Aug 15, 2023; Attachment XVII.I.), among them: "*Deberá disponer de todos los materiales y escombros removidos de la demolición del área en un vertedero certificado u otra facilidad aprobada para ese propósito*". While the project is not expected to generate large amounts of solid waste during operation, solid waste and recycling services will be provided by the municipality of San Juan that is the owner of the project. Usually, the collection of domestic waste and recycling material is conducted in a site by site basis or at larger collection points. Due to the small size of the project and the proposed activities the operation of the project is not expected to significantly increase social services demand or negatively impact their availability. The provision of additional social services at this site is not expected to create a service deficit for the disadvantaged in violation of HUD site and neighborhood standards. According to the

		CONWASTE page (https://www.conwastepr.com/es/servicios-municipales/) this company provides collection of solid waste and disposal services to the Municipality of San Juan which is the owner of the project (No study regarding this resource have been supplied to the preparer)
Waste Water / Sanitary Sewers	2	The project will connect to the existing the Puerto Rico Aqueduct and Sewer Authority (PRASA) Sewer System and received (Feb 6, 2024) the recommendations (2022-463298-SRI-300160), conditions and requirements from PRASA where the agency provided the project points of connections both for potable water (2" line) and sanitary sewer (8" line). The applicant shall follow those recommendations, conditions and requirements in the preparation of the construction documents. The final proposed sewer system will presented to PRASA for approval. (See Attachment XVII).
Water Supply	2	No sole source aquifers are located in Puerto Rico. The project will connect to the existing the Puerto Rico Aqueduct and Sewer Authority (PRASA) Sewer System and received (Feb 6, 2024) the recommendations (2022-463298-SRI-300160), conditions and requirements from PRASA where the agency provided the project points of connections both for potable water (2" line) and sanitary sewer (8" line). Water quality as supplied by PRASA is expected to be safe from a chemical and bacteriological standpoint as required by appropriate authorities and agencies. According to the PRASA report (2023) for "Sistema: PWSID: METROPOLITANO: 2591", the water quality was in compliance for most of the tested parameters. Remedial actions were implemented to correct violations in some parameters like E. coli content and turbidity. The water requirements of the proposed project is not expected to result in a significant consumption of the community's available water supply or result in a significant deterioration of water quality. The project received the recommendations, requirements and conditions from PRASA The applicant shall follow those recommendations, conditions and requirements in the preparation of the construction documents. (See Attachment XVII).
Public Safety - Police, Fire and Emergency Medical	2	Due to the small size of the proposed project it is not expected it will result in a significant burden on police, fire or health care providers in terms of manpower and/or equipment. According to the information included in Google Earth Pro application, the Puerto Rico State Police "Precinto Capitolio" is located at about 0.9 miles west while the "Cuartel

		Municipal" municipality of San Juan police is located at about 1.4 miles west. The "Estación de Bomberos San Juan" is located at about 0.25 miles south. Near the project site, at about 0.4 mile west, there is located the "Centro Más Salud Dr. Manuel Quevedo Báez". Emergency services are provided in hospitals and clinics and, if the emergency occurs at home, at work place or at public places, emergency services are usually initiated by paramedics at the site and/or during ambulance transportation to an Emergency Care Unit. "*El tiempo de respuesta para una emergencia —desde que se recibe la llamada a través del 9-1-1 hasta que la ambulancia llega al lugar donde ocurrió— oscila entre los 13 y 16 minutos, informó González Azcuy. El comisionando sostuvo que cuando la emergencia ocurre en un área lejana o poco accesible, la asistencia puede demorar en llegar hasta 25 minutos*" (EL VOCERO 05/11/2022). The statement above depicts a general behavior of this service in Puerto Rico. It is no possible to anticipate the actual time of response of emergency services as it will be determined by the resource availability at the moment when the emergency occurs. The grant recipient must assure that all applicable safety measures are considered and implemented for the proposed facilities. Prior to be granted the authorization to use the facilities ("Permiso de Uso") the project will get approved the PR Government safety and health inspections and be certified in compliance with all applicable aspect of Health and Safety including Fire. The Municipality of San Juan maintain a "Oficina Minicipal para el Manejo de Emergencias": "*La Oficina Municipal para el Manejo de Emergencias y Administración de Desastres (OMME-AD) prepara y protege la vida y propiedad de los residentes, visitantes, comunidades e instituciones en el Municipio de San Juan, contra el impacto y las consecuencias de cualquier desastre de fenómenos naturales, tecnológicos u ocasionados por seres humanos. Además de toda su gestión relativa a situaciones antes, durante y después de las emergencias, ofrece durante todo el año una serie de servicios, cursos y adiestramientos para preparar a la ciudadanía*." (https://sanjuan.pr/) A map depicting the locations of Police, Fire, Hospital and CDTs facilities, is included in Attachment XVII.K.
Parks, Open Space and Recreation	1	The project is enhancing and creating sport and recreation facilities and remodeling cultural assets. It will include the installation of a new skate park, passive recreation areas and children playground which are expected to improve the recreational opportunities and experiences in the area.

		The site is located at Parque del Tercer Milenio which contains other sport and recreational amenities and a generous parking lot.
Transportation and Accessibility	2	The project is located adjacent to the Luis Muñoz Rivera Avenue, a very important transportation artery for the city and for visitors from neighboring municipalities. The project will use the existing parking lot available nearby in Parque del Tercer Milenio. The project may be accessed by Public Transportation Systems [like AMA (Autoridad Metropolitana de Autobuses at https://www.dtop.pr.gov/ama), and RUTA 5 from "La Línea San Juan" municipal transportation service (https://sanjuan.pr/lineasj)], bicycles, by walking, through private carriers, personal automobiles and taxis. The Tercer Milenio Park have a parking lot of about 2.5 acres adjacent to the project site.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	No unique natural features are expected to be affected by the project. The project will not render any unique natural features inaccessible to investigators or visitors, degrade their value, or otherwise limit potential future use and appreciation of these resources. No water bodies have been identified at the project site. The project is located in the Karst special zone but it is not located on the restrictive district nor in its 50 meter buffer zone (Attachment XVII.A). The proposed activities are in compliance with the current zoning and will not use a septic system infiltrating used waters to the subsoil (see: Waste Water / Sanitary Sewers Section). The proposed project is located on an already developed area. The Grant Recipient will comply with the requirements of the PRDNER (July 07, 2023; Attachment XVII.I.): "*Como resultado de dicha evaluación hemos categorizado el predio como Hábitat Natural con Bajo Potencial de Convertirse en Hábitat Esencial, Hábitat de Alto valor Ecológico o Hábitat de Valor Ecológico (Categoría 6)…… La meta de la mitigación es minimizar el impacto al hábitat.*"
Vegetation, Wildlife	2	The proposed project is located on and already developed area. A Flora and Fauna Assessment was prepared for the site. No natural vegetation communities nor sensitive wildlife are likely to be affected by the project. The Grant Recipient will comply with the requirements of the PRDNER

		(Aug 15, 2023; Attachment XVII.I.), among them: "*En las cercanías de la propiedad se ha detectado anidación de tortugas marinas, por tal razón la iluminación del lugar debe planificarse de forma tal que su efecto en las tortugas marinas sea mínimo. En los estudios realizados, se ha encontrado que las luces de baja presión tienen un efecto mínimo en la orientación de estas tortugas. Además, que se utilicen sistemas de viseras en dichas luces de forma tal que la iluminación se dirija hacia el suelo y no hacia la costa*", "*Según la página "Information for Planning and Consultation" (IPaC) del Servicio Federal de Pesca y Vida Silvestre (USFWS), el área que cubre este proyecto está situada dentro del alcance de la distribución geográfica de la boa de Puerto Rico (Chilabothrus inornatus) especie en peligro de extinci6n a nivel federal y estatal. Por lo que, de encontrarse individuos de dicha especie dentro de la propiedad los mismos deberán ser removidos y reubicados por los bió1ogos del DRNA o los miembros del Cuerpo de Vigilantes de Recursos Naturales y Ambientales o por bió1ogos de vida silvestre bajo contrato con la parte proponente por servicios profesionales que cuenten con un permiso federal del Fish and Wildlife Service, y que el DRNA haya designado explícitamente como sus agentes para ese propósito. El proceso para la autorizaci6n del bi61ogo se rige por el Reglamento 6766 de 11 de febrero de 2004 (Reglamento para Regir la Conservación y Manejo de las Especies Vulnerables y en Peligro de Extinción en del Estado Libre Asociado de Puerto Rico). Este proceso se lleva a cabo en el DRNA y no en la OGPe o a través de esta. La reubicación de los individuos encontrados deberá producirse no más tarde de las 24 horas (o el próximo día laborable) a partir del momento en el que se informa el hallazgo y, hasta donde sea practico y viable, los mismos serán reubicados en terrenos cercanos a la propiedad*" and "*Se deberá establecer un programa de reforestaci6n utilizando especies nativas que además de ayudar a minimizar la erosión beneficien la vida silvestre. Esta medida es cónsona con la Ley para Fomentar la Siembra de Árboles Cuyas Frutas y/o Semillas Provean Alimento a Especies de Aves Silvestres de Puerto Rico (Ley Núm. 97 de 24 de junio de 1998), la cual establece lo siguiente: "En todo proyecto de reforestaci6n en que se utilicen fondos públicos o privados, o en una combinación de estos, un 15% en las áreas rurales y un 10% en las áreas urbanas del total de árboles a ser sembrados, serán de especies cuyas frutas y/o semillas sirvan de alimento a las aves silvestres que residan temporal o permanentemente en esta*".
Other Factors	2	To the best of our knowledge, no additional factors of concerns have been identified.

Environmental Assessment Factor	Impact Code	Impact Evaluation
CLIMATE AND ENERGY		
Climate Change Impacts	n/a	On January 20, 2025, President Donald Trump issued the Executive Order 14148 titled "Initial Rescissions of Harmful Executive Orders and Actions", which revoked Executive Order 14008 and eliminated federal mandates requiring agencies to assess climate change impacts. Consequently, there is no longer a federal requirement to address climate change concerns in the environmental compliance review process.
Energy Efficiency	2	The project was provided with a set of recommendations, conditions and requirements from LUMA Energy (Nov 15, 2023). The grant recipient shall follow those recommendations, conditions and requirements in the preparation of the construction documents. (See Attachment XVII.B), among them: "*El Proyecto se conectará al Punto de Conexión #10 indicado en el plano que se incluye*, *Asegurarse que el diseño propuesto cumpla con el "Reglamento conjunto para la evaluación y expedición de permisos relacionados al desarrollo, uso de terrenos y operación de negocios" del 7 de junio de 2019, los NUEVOS patrones de Construcción de LUMA y los siguientes Comunicados Técnicos AEE:"* (i to vii), "*Los sistemas de alumbrado a construirse deberán cumplir con los siguientes Comunicados de la AEE:"* (i to iii), "*En el sector existen líneas eléctricas soterradas, trifásica con 3 conductores calibre número 750 CU XLP 15KV a un voltaje de 13.2 kV. También existen líneas eléctricas soterradas, trifásica con 3 conductores calibre número 4/0 CU XLP 15 KV a un voltaje de 4.16 kV.", "El voltaje de alimentación para el Proyecto será de 13.2 kV. Se servirá del alimentador 1014-18.", "El diseño deberá ser un sistema soterrado.",*

Additional Studies Performed:

a) Geotechnical Study (November, 2022) (Attachment XVII.J)
b) Lead Based Paint and Asbestos Study (November, 2022) (Attachment VI)
c) Flora and Fauna Assessment (March, 2023)) (Attachment XVII.G)
d) Natural Habitat Categorization (April, 2023) (Attachment XVII.I)
e) Tree Inventory and Reforestation Plan (April, 2023) (Attachment XVII.H)
f) Section 106 Report of Archaeological/Historic Buildings (Attachment XI)

Field Inspection:

21 March 2023 (by Plan. Laredo Gonzalez)

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

a) OGPe (2022-463298)
b) PREPA-LUMA (2022-463298-SRI-076557)
c) PRASA (2022-463298-SRI-300160)
d) PRICP (2022-463298-SRA-070188)
e) NETPR (2022-463298-SRI-070719)
f) PRCZP (CZ-2024-0921-040)
g) USFWS (Concurrence Letter 2023-08-15)
h) SHPO
i) PRDNER (0-SE-CCH01-SJ-02537-03052023 and 2022-463298-SRM-062003)
j) Arch. Istra Hernández
k) Arch. Andrea Bauzá.
l) Eng. Angel González

List of Permits and Endorsements Obtained (Attachment XVII):

a) OGPe (2022-463298)
b) PREPA-LUMA (2022-463298-SRI-076557)
c) PRASA (2022-463298-SRI-300160)
d) PRICP (2022-463298-SRA-070188)
e) NETPR (2022-463298-SRI-070719)
f) PRCZP (CZ-2024-0921-040)
g) USFWS (Concurrence Letter 2023-08-15)
h) PRDNER (0-SE-CCH01-SJ-02537-03052023 and 2022-463298-SRM-062003)
i) SHPO (ATTACHMENT XI)

Public Outreach [24 CFR 50.23 & 58.43]:

This Environmental Document will be available for public inquiries in the manner HUD and the PR Housing Authority (PRDOH) require. A combined Notice of Finding of No Significant Impact (FONSI) and Notice of Intent to Request Release of Funds (NOIRROF) will be published in a local newspaper. Copies of that public notice also will be sent to all known interested parties. An 8-Steps process was conducted including the publication of two public announcements. Besides, this Environmental Document will be available for public inquiries in the manner HUD and the PR Housing Authority may require.

Cumulative Impact Analysis [24 CFR 58.32]:

The project includes the construction of a Skate Park in the southern section of the existing Ball Park and the construction of a linear passive park in the corridor along the existing athletics track (35,500 square feet total). The project includes the demolition of the two concrete stands with dugouts in the Baseball Field (1,634.580 square feet). The Skate Park will include pavements with obstacles and bowls for the practice of skateboarding at an international level, leaving an open field with grass on the northern side. The existing corridor along the track will be remodeled to accommodate a children's linear passive park with outdoor children's games elements. In the other open areas, the pavements will be improved, and the existing landscaping will remain. While the project will alter the existing landscape, no unique natural features are expected to be affected by the project. No surface water resources have been identified at the project site. The proposed work is not converting, transforming or fragmenting natural areas like wetlands, forests or grass prairies to developed areas

The proposed project and activities are in compliance with the zoning district, no variations, exceptions or land use consultation from the Puerto Rico Planning Board will be required. Zoning of this track of land is DD ("Dotacional Publico") as per San Juan Municipality Zoning Map, Sheet 2C (March/13/2003) (Attachment XVII.M) and at APZ- ZC district as per in the Karst Special Planning Zone Map, (adopted by the PRPB on Jul/4/2014) (Attachment XVII.A). No Prime Farmlands will be impacted or lost. As per USDA_NRCS mapping tool (Attachment IX), the area does not contain Prime Farm Lands therefore, this area is not subject to the Farmland Protection Policy Act (FPPA).

The project will not significantly increase the constructed surface in the area. The proposed layout and structures are comparable to the surrounding recreational areas. Also, net population in the region will not increase, but additional use of infrastructure and services is expected. The project consulted the different infrastructure agencies (like LUMA, PRASA, PRHTA and NETPR) and they provided the project point of connections to the available infrastructure and recommendations and requirements for the project to access to the requested services.

The Municipality of San Juan is the proponent of the project which is very important because the municipality will provide collection and disposition services for solid waste and also maintain public transportation alternatives to reach and leave the area. An increase in net traffic is not expected due to the project operation, the existing dense network of municipal and state roads will provide the users with connectivity and accessibility to reach for services and adjacent amenities. Various health services providers are also located at relatively close distances and are readily accessible. Local commercial providers are expected to benefit from the additional

potential customers to be provided by the project. Some are located very close and others may be accessed through the existing road network.

The proposed project is located on and already developed area. A Flora and Fauna Assessment was prepared for the site. While no natural vegetation communities nor sensitive wildlife are likely to be adversely affected by the project, the PRDNER (Aug 15, 2023; Attachment XVII.I.), wrote:

> "*En las cercanías de la propiedad se ha detectado anidación de tortugas marinas, por tal razón la iluminación del lugar debe planificarse de forma tal que su efecto en las tortugas marinas sea mínimo. En los estudios realizados, se ha encontrado que las luces de baja presión tienen un efecto mínimo en la orientación de estas tortugas. Además, que se utilicen sistemas de viseras en dichas luces de forma tal que la iluminación se dirija hacia el suelo y no hacia la costa*", "*Segun la página "Information for Planning and Consultation" (IPaC) del Servicio Federal de Pesca y Vida Silvestre (USFWS), el área que cubre este proyecto está situada dentro del alcance de la distribución geográfica de la boa de Puerto Rico (Chilabothrus inornatus) especie en peligro de extinci6n a nivel federal y estatal. Por lo que, de encontrarse individuos de dicha especie dentro de la propiedad los mismos deberán ser removidos y reubicados por los bió1ogos del DRNA o los miembros del Cuerpo de Vigilantes de Recursos Naturales y Ambientales o por bió1ogos de vida silvestre bajo contrato con la parte proponente por servicios profesionales que cuenten con un permiso federal del Fish and Wildlife Service, y que el DRNA haya designado explícitamente como sus agentes para ese propósito. El proceso para la autorizaci6n del bi61ogo se rige por el Reglamento 6766 de 11 de febrero de 2004 (Reglamento para Regir la Conservación y Manejo de las Especies Vulnerables y en Peligro de Extinción en del Estado Libre Asociado de Puerto Rico). Este proceso se lleva a cabo en el DRNA y no en la OGPe o a través de esta. La reubicación de los individuos encontrados deberá producirse no más tarde de las 24 horas (o el pr6ximo día laborable) a partir del momento en el que se informa el hallazgo y, hasta donde sea practico y viable, los mismos serán reubicados en terrenos cercanos a la propiedad" and "Se deberá establecer un programa de reforestaci6n utilizando especies nativas que además de ayudar a minimizar la erosión beneficien la vida silvestre. Esta medida es cónsona con la Ley para Fomentar la Siembra de Árboles Cuyas Frutas y/o Semillas Provean Alimento a Especies de Aves Silvestres de Puerto Rico (Ley Núm. 97 de 24 de junio de 1998), la cual establece lo siguiente: "En todo proyecto de reforestaci6n en que se utilicen fondos públicos o privados, o en una combinación de estos, un 15% en las áreas rurales y un 10% en las áreas urbanas del total de árboles a ser sembrados, serán de especies cuyas frutas y/o semillas sirvan de alimento a las aves silvestres que residan temporal o permanentemente en esta*".

As per the Survey Map (Attachment XVII.L), the project parcel is flat and no surface linear water features or ponds are reported inside the project limits. The earth work will be minimized see: Geotechnical study prepared for the project at Attachment XVII.J indicating, among other results and recommendations that:

> "*The underlying soils at the tract of land are capable to sustain the loads of the presently proposed structures planned (e.g., Skate Bowls and Pedestrian Trails etc.). However, the borings of exploration found a very loose to medium fill section, followed by a soft/loose compressible organic deposit with peat inclusions found beneath the upper fill section. The identified compressible layer extends from 8.0 to about 28.0, approximately. The disclosed organic muck layer, varying between 7.0 to 20.0 ft. in thickness, presents a detrimental effect*

in regard to settlement by any additional load to be imparted upon construction. Of considerations is any additional loading (e.g., fill) which will initiate a new consolidation cycle (primary and secondary compression) of the organic to slightly organic deposits". "*Presently, the existing fill section is presently experiencing settlements from its own weight. Thus, residual secondary settlement will allow additional settlements to develop at an ever diminishing rate all throughout the lifespan of the project due to secondary compression settlement only. Therefore, new or additional fill sections SHALL BE AVOIDED at the site and should be evaluated from the designer's viewpoint for the long-term performance of the surrounding lands, and any existing structures (e.g., pedestrian bridge) or new structures (e.g., entrance arcade). Thus, as a primary design consideration NO ADDITIONAL FILL material shall be allowed. However, the presently design scheme, require raising the existing grade, some 0.5 to about 5.5 ft., to allow the construction of the proposed skate bowls. The following table summarized the general grading requirements based on the proposed Site and preliminary grading plans submitted, which disclosed mostly fill sections will be required for the proposed development presently contemplated*. Also: *"Experience at the site revealed the average ground water is at an average depth of 5.50 ft. below the existing grade. IT IS HIGHLY RECOMMENDED the bottom foundation elevation of the proposed structures, in the Escambrón Skate Park facilities, be NOT lower than 1.0 meter below the existing grade"*. And that "*The presently design scheme, require raising the existing grade, some 1.0 ft. to about 5.5 ft., to allow the construction of the proposed skate bowls. Therefore, considering the type of structure planned (lightweight), the use of Expanded Polystyrene Fill (EPS) can be considered by the A/E design Team as an alternate backfill material in lieu to conventional backfill material (i.e., AASHTO A-2-4 fill material) to construct the proposed embankment, which would essentially eliminate foundation soil settlements. Consolidation of the EPS lightweight fill should be expected to be limited to one percent of the embankment height. Expanded Polystyrene Fill (EPS) also known as "Geofoam" are low-density cellular plastic blocks to be used as lightweight, stable, inert, environmentally safe fill. It is a lightweight fill used to reduce vertical stresses beneath embankments, or to reduce lateral stresses on retaining walls, abutments or foundations*".

Earth work, even when minimal, may produce dust and sediments, which may reach out off the project limits if the appropriate measures are not implemented. The project will implement the required measures to control dust and avoid the migration of sediments or run off water beyond the project boundaries.

In summary, the project is not expected to adversely affect the natural, social or economic resources in the region while providing enhanced, diversified and affordable recreational alternatives for the communities in this zone of Puerto Rico (Note: Information extracted from this EA)

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]

Alternative A: Relocating the proposed project in another area.

This alternative involve finding a different location to develop the proposed project. It may require land acquisition cost and additional investing in developing new infrastructure and utilities if infrastructure is not readily available or require additional offsite works (which also develop in higher construction costs). Other locations may be less accessible to public transportation or may directly or indirectly affect agricultural or natural areas.

Permitting process may also become cumbersome at a different parcel if zoning is not appropriate to allow for the required housing units to be developed or undergo through a long

process of zoning change, exceptions or variation authorization. Finding a suitable track of land may be difficult. It will require to have enough space to accommodate the proposed facilities, structures and amenities. It may also require additional area to be dedicated to a parking lot.

Other parcels may contain a more dense forested cover, may contain endangered species or require more earth work or expensive soil amendments.

Alternative B: Develop the proposed project in the proposed location.

This alternative is preferred because the property is already owned by the Grant Recipient. The proposed project will remove, dated existing structures and provide new recreation alternatives. The proposed actions are expected to promote a significant quantitative and qualitative growth of the "Tercer Millenium Park" offerings and will enhance recreational, outdoor experiences and life quality in the area and for the community. A large number of accessibility alternatives are available. The users of the proposed project will also have access to other recreational alternatives in adjacent areas. There is available infrastructure and utilities to serve the project.

As per the Survey Map (Attachment XVII.L), the project parcel is flat and no surface linear water features or ponds are reported inside the project limits. The earth work and associated impacts may be minimized. The proposed project and activities are in compliance with the zoning district, no variations, exceptions or land use consultation from the Puerto Rico Planning Board will be required. Zoning of this track of land is DD ("Dotacional Publico") as per San Juan Municipality Zoning Map, Sheet 2C (March/13/2003) (Attachment XVII.M) and at APZ- ZC district as per in the Karst Special Planning Zone Map, (adopted by the PRPB on Jul/4/2014) (Attachment XVII.A). No Prime Farmlands will be impacted or lost. As per USDA_NRCS mapping tool (Attachment IX), the area does not contain Prime Farm Lands therefore, this area is not subject to the Farmland Protection Policy Act (FPPA).

No Action Alternative [24 CFR 58.40(e)]:

Alternative C (No Action): If the proposed project is not developed it may affect the necessary quantitative and qualitative growth recreation and outdoor experiences offers in the norther region of San Juan, Puerto Rico. The dated structures, proposed to be demolished, may pose a growing threat for the visitors of other portion of the park and for the general public.

Summary of Findings and Conclusions:

The project includes the construction of a Skate Park in the southern section of the existing Ball Park and the construction of a linear passive park in the corridor along the existing athletics track (35,500 square feet total). The project includes the demolition of the two concrete stands with dugouts in the Baseball Field (1,634.580 square feet). The Skate Park will include pavements with obstacles and bowls for the practice of skateboarding at an international level, leaving an open field with grass on the northern side. The existing corridor along the track will be remodeled to accommodate a children's linear passive park with outdoor children's games elements. In the other open areas, the pavements will be improved, and the existing landscaping will remain. While the project will alter the existing landscape, no unique natural features are expected to be affected by

the project. No surface water resources have been identified at the project site. The proposed work is not converting, transforming or fragmenting natural areas like wetlands, forests or grass prairies to developed areas

The proposed project and activities are in compliance with the zoning district, no variations, exceptions or land use consultation from the Puerto Rico Planning Board will be required. Zoning of this track of land is DD ("Dotacional Publico") as per San Juan Municipality Zoning Map, Sheet 2C (March/13/2003) (Attachment XVII.M) and at APZ- ZC district as per in the Karst Special Planning Zone Map, (adopted by the PRPB on Jul/4/2014) (Attachment XVII.A). No Prime Farmlands will be impacted or lost. As per USDA_NRCS mapping tool (Attachment IX), the area does not contain Prime Farm Lands therefore, this area is not subject to the Farmland Protection Policy Act (FPPA). No sources of contaminants, flammable or explosive hazards are likely to affect the project.

The proposed activities may affect but is not likely to affect endangered species (conservation measures will be in place to avoid/minimize an incidental take) and it will not impact wetlands, sole source aquifers, scenic rivers or other surface water bodies. No historic or archeological resources are expected to be affected but an archeological monitoring plan will be conducted.

Taking into account the available information contained in this EA and if the Grant Recipient fulfill the applicable requirements of the federal and PR agencies and comply with all applicable federal, state and local laws and regulations, we consider, to the best of our knowledge, that the project is not likely to have a significant environmental impact

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	The project must obtain a Construction Permit and a Unique Incidental Permit and comply with the required conditions regarding the control of fugitive dust, erosion control and storm water control.
Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	The USFWS IpaC tool identified the potential presence of *Chilabothrus inornatus* (Puerto Rican Boa). Puerto Rican Boa Conservation Measures (USFWS, January 2024): 1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be

	conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site. 2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas. 3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or project personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area. 4. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #5). Do not capture the boa. If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #s: (787) 724-5700, (787) 230-5550, (787) 771-1124). If immediate relocation is not an option, project-related activities at that area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue. 5. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior. 6. If a PR boa is captured by PRDNER personnel, record the name of that person and information on where the PR boa will be taken. This information should be reported to the Service. 7. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that

	no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal, and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #4). If not possible, the animal should be left alone until it leaves the vehicle on its own. 8. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future. 9. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #5). If the PR boa was accidentally killed as part of the project actions, please include information on what conservation measures had been implemented and what actions will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event. 10. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance. The conservation measures to avoid/minimize impacts to the species or its habitat shall by implemented.
Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B and Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	The proposed project does not include New Construction for Residential Use nor the Rehabilitation of an existing residential property. Noise may be generated by construction activities, but it is not anticipated it will adversely impact the surrounding neighborhood. No increase of the existing noise levels is expected during operation. The applicant will implement the regulations at the “Reglamento para el Control de la Contaminación por Ruidos (Reglamento 8019 del 9 de mayo del 2011)”. The applicant must follow the agencies recommendations as well as all the applicable laws and regulations in the design and development of the project.
Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	A valid Flood Insurance policy will be maintained by the Grant Recipient.

National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	On Aug/21/2024 SHPO wrote: "*Our Office has received and reviewed the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the National Historic Preservation Act, as amended) and 36 CFR Part 800: Protection of Historic Properties from the Advisory Council on Historic Preservation.* *After a review of all the documentation, the PRSHPO agrees with your finding that the proposed project with the established conditions, will have no adverse effect upon historic properties: Archaeological monitoring during project implementation. Please provide us with an archaeological monitoring plan, for our review and concurrence, prior to implementation*." Later, on Sept 5 of 2024, SHPO wrote: "*We acknowledge receipt of the archaeological monitoring work plan submitted on August 26, 2024, for the case mentioned above. The plan is deemed acceptable, and we concur with its implementation. Please notify the PRSHPO the archaeological monitoring start date 48 hours prior to the initiation of work.*" See Attachment XI of this report.
Compliance other laws and regulations	The applicant will comply with all applicable federal, state laws and regulations, as well as all applicable municipality codes and ordinances. The applicant will also comply with all general and special conditions included in any endorsements, recommendations and permits issued for the project
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	The MSJ will assure that this project is appropriately executed and that all necessary language will be included in all agreements with participating parties. The MSJ will also take an active role in monitoring the construction process to ensure no unnecessary impacts occur nor unnecessary risks are taken. The flood insurance requirement for the life of the property will maintained by the MSJ. The Project will comply with the "Reglamento para el Control de la Contaminación por Ruido, el Reglamento de Estándares de Calidad de Agua, el Reglamento para el Control y la Prevención de la Contaminación Lumínica". To avoid adverse impacts to the Sea Turtles, low pressure bulbs will be selected as they are considered to have less effect on the sea turtle's orientation abilities. Besides, the proposed lighting fixtures will be oriented toward the floor, not toward the shore, and will be provided with visors.

	The Project will also comply with the "Reglamento para el Control de Contaminación Atmosférica", the "Reglamento para el Manejo de Desperdicios Sólidos No Peligrosos" and the "Reglamento para el Trámite de Permisos Generales". Besides, the Project will comply with the Rule 3.4.1 ("Permiso único Incidental Operacional"), the Section 5.1.9.3 ("Manejo de Aguas Pluviales") and Section 5.1 .9.4 ("Obras Pluviales) of the "Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operación de Negocios (Regulation No. 9473, effective from June 16, 2023, adopted by the Puerto Rico Planning Board through Resolution JP-RP-41, from June 16, 2023)" The final design will comply with the "Reglamento sobre Normas de Diseño, Criterios y Mantenimiento para Sistemas de Alcantarillados Pluviales en Puerto Rico (Planning Regulation Num. 40 from April 18, 2023)" and the Special Flood Hazard Areas Regulation (Regulation No. 13 effective from January 9, 2021) Eighth Revision (Regulation No. 9238 from December 9, 2020)".

Determination:

☒ **Finding of No Significant Impact** [24 CFR 58.40(g)(1); 40 CFR 1508.27]
The project will not result in a significant impact on the quality of the human environment.

☐ **Finding of Significant Impact** [24 CFR 58.40(g)(2); 40 CFR 1508.27]
The project may significantly affect the quality of the human environment.

Preparer Signature: Plan. Laredo Gonzalez, MP. PPL Digitally signed by Plan. Laredo Gonzalez, MP. PPL DN: cn=Plan. Laredo Gonzalez, MP. PPL, o=GBA, ou=GBA, email=eco.landscape.pr@gmail.com, c=US Date: 2025.06.06 11:36:07 -04'00' Date: June/6/2025

Name/Title/Organization: _Plan Laredo González, Gabriel Berriz y Asociados

Certifying Officer Signature: Abdul X. Feliciano Plaza Digitally signed by Abdul X. Feliciano Plaza Date: 2025.06.13 14:59:30 -04'00' Date: 06/13/2025

Name/Title: Abdul X. Feliciano Plaza, Permits and Environmental Specialist

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

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Attachment A: LOCATION MAP



N
W E
S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
LOCATION MAP
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 25 50 100 150 200
Meters

1:5,000

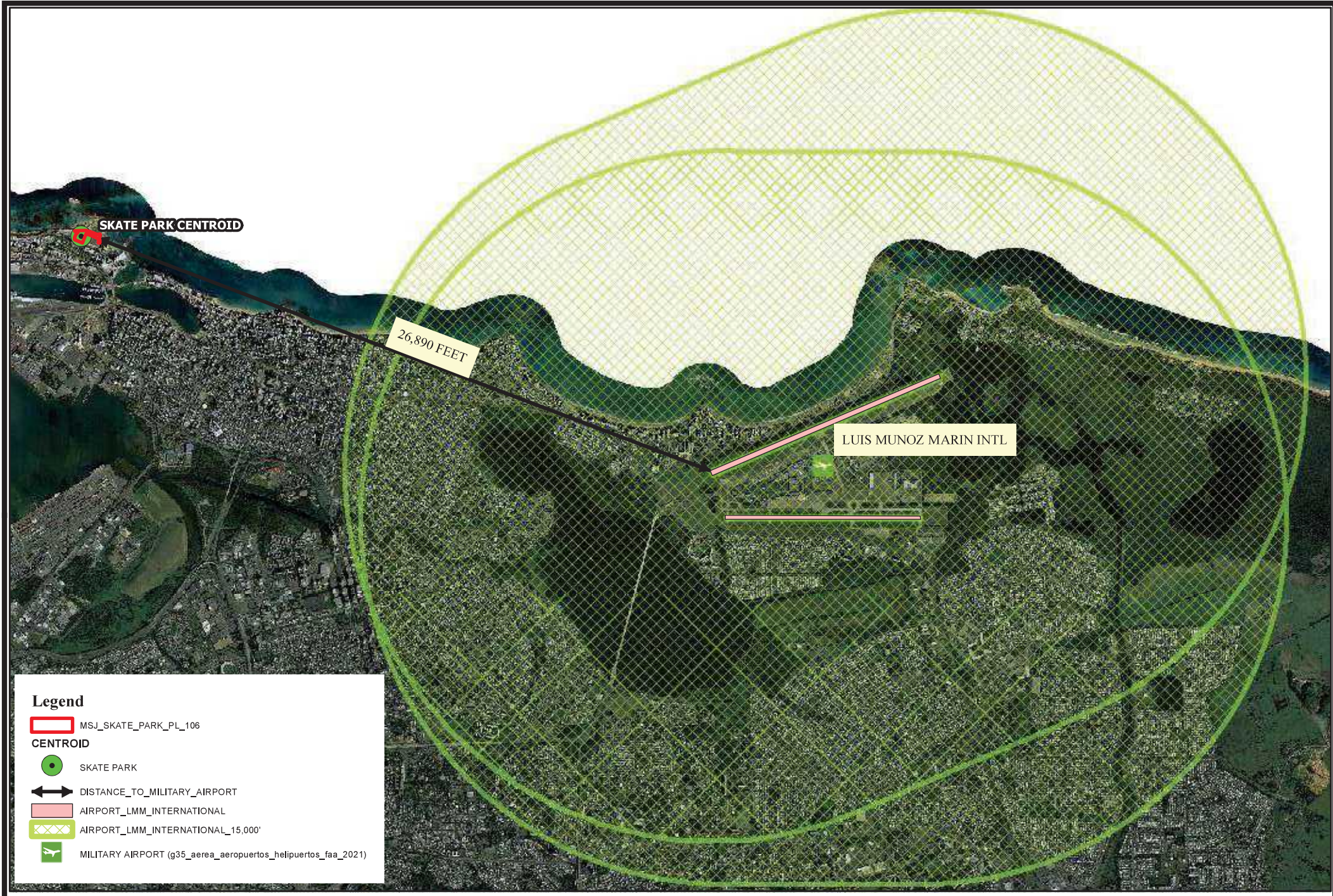
GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200

Attachment I: Airport Hazards 24 CFR Part 51 Subpart D



N
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PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
DISTANCE TO MILITARY AIRPORT
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 330 660 1,320 1,980 2,640
Meters

1:60,000

GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200



N
W E
S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
DISTANCE TO CIVIL AIRPORT
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 80 160 320 480 640
Meters

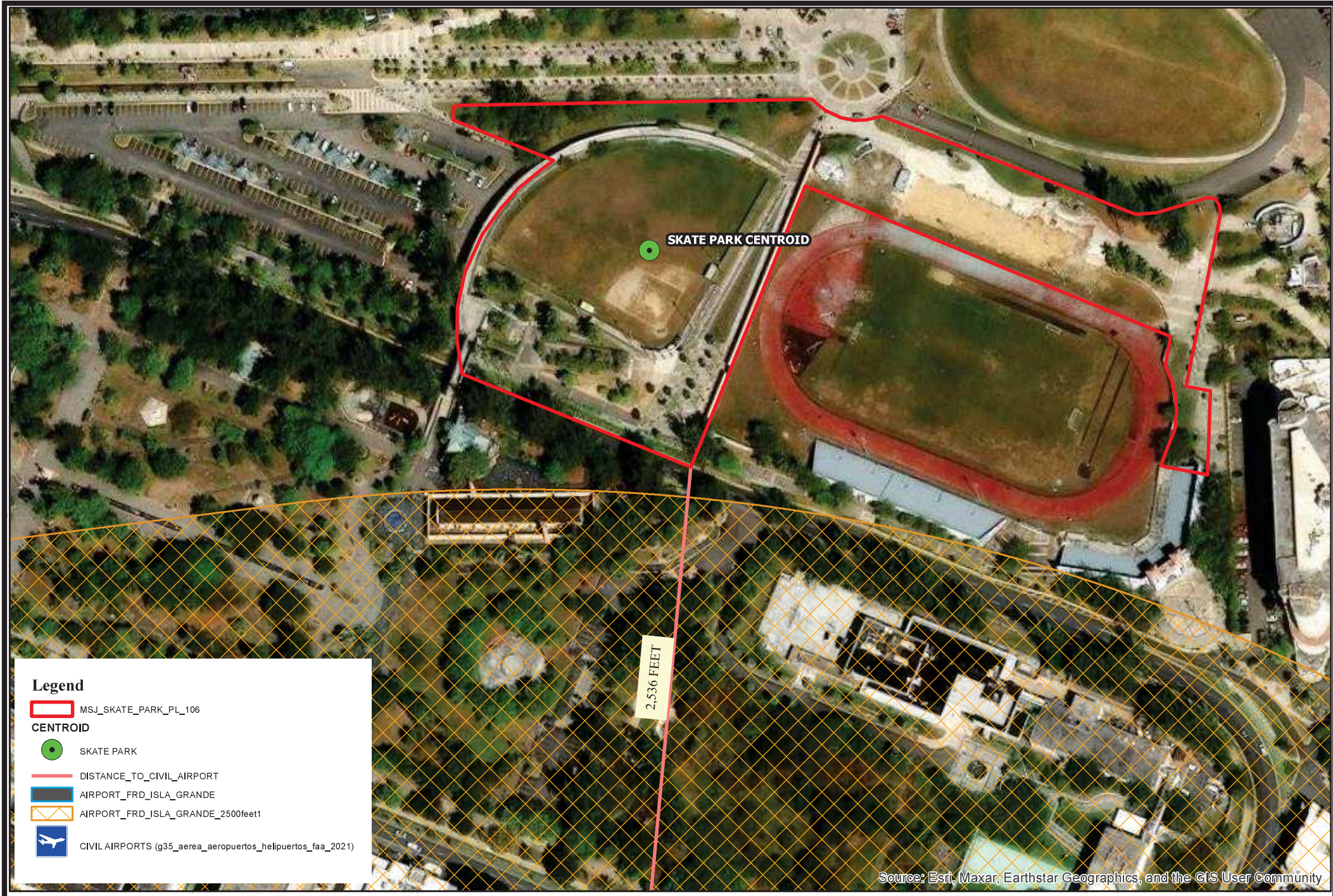
1:15,000

GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200



N
W E
S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
DISTANCE TO CIVIL AIRPORT (CLOSE UP)
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 10 20 40 60 80
Meters

1:2,000

GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200

Attachment II: Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]



N
W E
S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
DISTANCE_TO_CBRS
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 385 770 1,540 2,310 3,080
Meters

1:70,000

GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200

Attachment III: Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]

National Flood Hazard Layer FIRMette

66°5'43"W 18°28'13"N



66°5'6"W 18°27'39"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/8/2023 at 10:21 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

EVIDENCE OF COMMERCIAL PROPERTY INSURANCE

DATE (MM/DD/YYYY): 04/11/2025

THIS EVIDENCE OF COMMERCIAL PROPERTY INSURANCE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE ADDITIONAL INTEREST NAMED BELOW. THIS EVIDENCE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS EVIDENCE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE ADDITIONAL INTEREST.

PRODUCER NAME, CONTACT PERSON AND ADDRESS / PHONE (A/C, No, Ext):	COMPANY NAME AND ADDRESS / NAIC NO: 31674
LAT18 RISK SERVICES PARQUE LAS AMERICAS 1 235 FEDERICO COSTA SUITE 435 SAN JUAN PR 00918	AIG INSURANCE COMPANY PUERTO RICO 250 MUNOZ RIVERA SUITE 500 HATO REY SAN JUAN, PR, 00918
FAX (A/C, No): / E-MAIL ADDRESS:	IF MULTIPLE COMPANIES, COMPLETE SEPARATE FORM FOR EACH
CODE: / SUB CODE:	POLICY TYPE: STANDARD FIRE
AGENCY CUSTOMER ID #:	
NAMED INSURED AND ADDRESS: MUNICIPIO AUTONOMO DE SAN JUAN PO BOX 707179 SAN JUAN, PR 00936	LOAN NUMBER / POLICY NUMBER: 026-1001536-01
	EFFECTIVE DATE: 06/30/2024 / EXPIRATION DATE: 06/30/2025 / ☐ CONTINUED UNTIL TERMINATED IF CHECKED
ADDITIONAL NAMED INSURED(S):	THIS REPLACES PRIOR EVIDENCE DATED:

PROPERTY INFORMATION (ACORD 101 may be attached if more space is required) ☒ BUILDING OR ☒ BUSINESS PERSONAL PROPERTY

LOCATION / DESCRIPTION: EVIDENCE OF INSURANCE

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS EVIDENCE OF PROPERTY INSURANCE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

COVERAGE INFORMATION — PERILS INSURED: ☐ BASIC ☐ BROAD ☒ SPECIAL ☐

COMMERCIAL PROPERTY COVERAGE AMOUNT OF INSURANCE: $ 70,000,000 — DED: $100,000

	YES	NO	N/A		
☒ BUSINESS INCOME ☒ RENTAL VALUE	X			If YES, LIMIT: $5,000,000	Actual Loss Sustained; # of months:
BLANKET COVERAGE		X		If YES, indicate value(s) reported on property identified above: $	
TERRORISM COVERAGE		X		Attach Disclosure Notice / DEC	
IS THERE A TERRORISM-SPECIFIC EXCLUSION?	X				
IS DOMESTIC TERRORISM EXCLUDED?	X				
LIMITED FUNGUS COVERAGE		X		If YES, LIMIT:	DED:
FUNGUS EXCLUSION (If "YES", specify organization's form used)	X			AME-1-71503	
REPLACEMENT COST	X				
AGREED VALUE		X			
COINSURANCE	X			If YES, 100 %	
EQUIPMENT BREAKDOWN (If Applicable)		X		If YES, LIMIT:	DED:
ORDINANCE OR LAW - Coverage for loss to undamaged portion of bldg	X			If YES, LIMIT: INCLUDED	DED:
- Demolition Costs	X			If YES, LIMIT: $5,000,000 (COMBINED B & C)	DED:
- Incr. Cost of Construction	X			If YES, LIMIT: $5,000,000 (COMBINED B & C)	DED:
EARTH MOVEMENT (If Applicable)	X			If YES, LIMIT: $70,000,000	DED: 5% PER ISO FORM
FLOOD (If Applicable)	X			If YES, LIMIT: $50,000,000	DED: 2% OF ITEM VALUE
WIND / HAIL INCL ☐ YES ☐ NO Subject to Different Provisions:	X			If YES, LIMIT: $50,000,000	DED: 2% PER ISO FORM
NAMED STORM INCL ☐ YES ☐ NO Subject to Different Provisions:	X			If YES, LIMIT: $50,000,000	DED: 2% PER ISO FORM
PERMISSION TO WAIVE SUBROGATION IN FAVOR OF MORTGAGE HOLDER PRIOR TO LOSS		X			

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

ADDITIONAL INTEREST

☐ CONTRACT OF SALE ☐ LENDER'S LOSS PAYABLE ☐ LOSS PAYEE
☐ MORTGAGEE ☒ EVIDENCE OF INSURANCE

NAME AND ADDRESS:
MUNICIPIO AUTONOMO DE SAN JUAN
PO BOX 707179
SAN JUAN, PR 00936

LENDER SERVICING AGENT NAME AND ADDRESS:

AUTHORIZED REPRESENTATIVE:
KARINNA RODRIGUEZ PEDRAZA

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Attachment IV: Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93

EPA (https://www.epa.gov/) NEPAssist

N W E S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
NON-ATTAIMENT AREAS (SO2)

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,

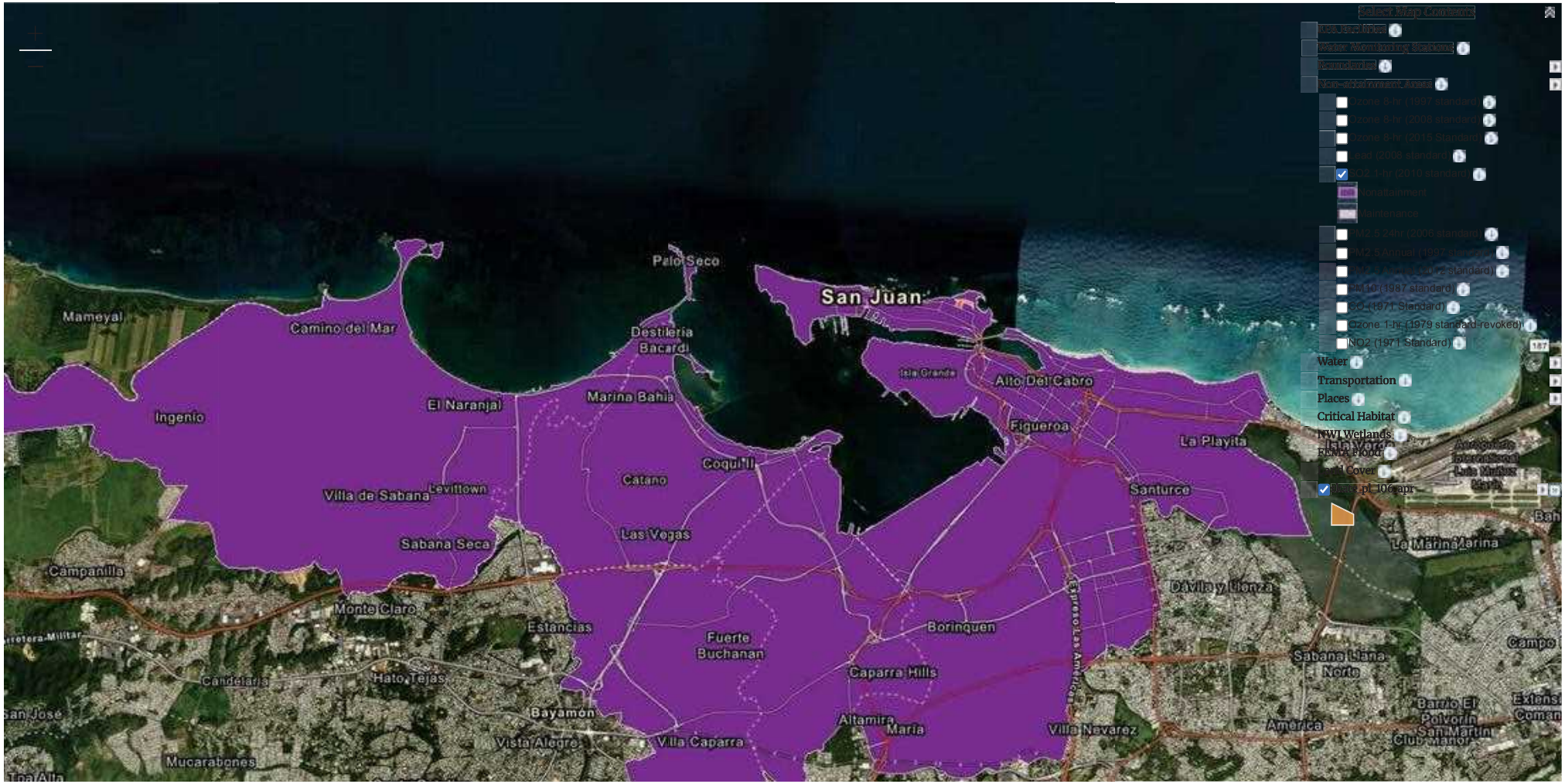
SAN JUAN ANTIGUO WARD,

Coordinates:
18.465682°, -66.090019°

Version 2025.2.001

Home (//www.epa.gov/nepa/nepassist) | Mobile (mobile/index.html) | Help (help/NEPAssistHelp.pdf)

Basemap | Imagery | Draw | Erase | Save Session | Tools | More Data



EnviroMapper

Earthstar Geographics | EPA OEI | U.S. EPA Office of Air and Radiation (OAR) - Office of Air Quality Planning and Standards (OAQPS) | EPA OEI, OFA | Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the …
Powered by Esri (http://www.esri.com/)

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF NATURAL AND ENVIRONMENTAL RESOURCES

Puerto Rico Non-Attainment State Implementation Plan
Sulfur Dioxide (SO_2) National Ambient Air Quality Standard

Prepared by: Department of Natural and Environmental Resources
Air Quality Area

Objective: To bring into compliance with the 2010 1-Hour Sulfur Dioxide (SO_2) primary NAAQS the designated SO_2 non-attainment areas in Puerto Rico

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Acronyms

AQCRs:	Air Quality Control Regions
AQS:	Air Quality System
CAA:	Clean Air Act
DNER:	Department of Natural and Environmental Resources'
EPA:	Environmental Protection Agency
FIP:	Federal Implementation Plan
FR:	Federal Register
IRP:	Integrated Resource Plan
NAAQS:	National Ambient Air Quality Standards
NAA-SIP:	Non-Attainment Area-State Implementation Plan
NANSR:	Non-Attainment New Source Review
ppb:	parts per billion
PRDNER:	Puerto Rico Department of Natural and Environmental Resources
PREB	Puerto Rico Energy Board
PREPA:	Puerto Rico Electric Power Authority
PREPPA:	Puerto Rico Environmental Public Policy Act
PREQB:	Puerto Rico Environmental Quality Board
PTE:	Potential to Emit
RCAP:	Regulation for the Control of Atmospheric Pollution
SIP:	State Implementation Plan
SO_2:	Sulfur Dioxide
SO_X	other Sulfur Dioxide
tpy:	tons per year
ULSD:	Ultra Low Sulfur Diesel
ug/m^3:	micrograms per cubic meter
USEPA:	Unites States Environmental Protection Agency

1.0 Overview

1.1 INTRODUCTION

Sulfur dioxide (SO_2) is a colorless, reactive air pollutant with a strong odor. The effects of this gas can be a threat to human health, animal health, and plant life. Short-term exposures to SO_2 can harm the human respiratory system and make breathing more difficult. Clinical Studies had demonstrated that people with asthma, particularly children, are more sensitive to the SO_2. The sulfur containing compounds in the material is oxidized in the presence of oxygen to form sulfur dioxide via the following chemical reaction:

$$S + O_2 \rightarrow SO_2$$

High concentrations of SO_2 in the air generally lead to the formation of other sulfur oxides (SO_X) which can react with other compounds in the atmosphere to form small particles, increasing particulate matter concentration and ambient pollution. SO_X can also react with water to form acids.

The general population may be exposed to sulfur dioxide mainly by breathing air that contains it. In addition, one may also be exposed to sulfur dioxide by skin contact with it. Some health effects associated with exposure to SO_2 emissions are: (1) difficult breathing, (2) changes in ability to breathe, and (3) burning nose and throat (ATSDR, 1998). Sulfur dioxide irritates the skin and mucous membranes of the eyes, nose, throat, and lungs. High concentrations of SO_2 can cause inflammation and irritation of the respiratory system, especially during heavy physical activity. The resulting symptoms associated with SO_2 exposure can include: (1) pain when taking a deep breath, (2) coughing, (3) throat irritation, and (4) breathing difficulties. High concentrations of SO_2 can affect lung function, worsen asthma attacks, and worsen existing heart disease in sensitive groups. The gases containing SO_2 can also react with other chemicals in the air and change to a small particle that can get into the lungs and cause similar health effects (NPS, 2018).

Sulfur dioxide ($S0_2$) is one of six "criteria" pollutants scientists have identified as being particularly harmful to human health and the environment. For this reason, the Clean Air Act (CAA) requires the United States Environmental Protection Agency (USEPA or EPA) to set primary air quality standards at a level judged to be requisite to protect the public health with an adequate margin of safety. The CAA also required EPA to establish secondary standards to protect public welfare from any known or anticipated effects associated with the pollutant in the ambient air, including effects on crops, vegetation, wildlife, buildings and national monuments, and visibility. Sulfur dioxide is primarily derived from fossil fuel combustion at power plants and other industrial facilities. Other sources of SO_2 include industrial processes like extracting metal from ore and the burning of high sulfur fuels by locomotives, large ships, and non-road equipment.

1.2 NATIONAL AMBIENT AIR QUALITY STANDARDS (NAAQS)

On June 22, 2010 (75 FR 35520) the Environmental Protection Agency strengthened the primary National Ambient Air Quality Standard (NAAQS) for sulfur dioxide (SO_2). Specifically, EPA replaced the annual and 24-hour primary standards with a new 1-hour SO_2 standard set at 75 parts per billion (ppb) or 196 ug/m^3 as determined in accordance with Appendix T of Title 40 of Code of Federal Regulations (40 CFR), part 50. EPA significantly strengthened the primary standard based on health studies showing that people with asthma experience negative respiratory effects following very short exposure to SO_2 while breathing at elevated rates.

On August 21, 2015, the EPA issued the Data Requirements Rule for the 2010 1-Hour SO_2 Primary NAAQS (80 FR 51052). Under this rule, each air regulatory agency was required to submit a list to the EPA by January 15, 2016, that identified all sources within its jurisdiction that have SO_2 emissions that exceeded the 2,000 tons per year (tpy) annual threshold. The rule requires air quality characterization of the area associated with each listed source and provides two options to undertake this characterization: (1) the use of monitoring or (2) modeling the impacted Air Basin using approved EPA dispersion models.

On December 21, 2015, the Department of Natural and Environmental Resources (DNER), submitted to the EPA the list of sources with SO_2 emissions above the 2,000 ton per year statutory threshold. Table # 1 below presents the sources included in the notification provided by the DNER, as well as their SO_2 emissions, as reported.

Table # 1: Source with emission on or above 2,000 ton per year of SO_2. As reported to EPA on December 21, 2015.

Source	Municipality	SO_2 Emission Rate (ton/year)	
		Allowable	Actual
PREPA Aguirre Power Plant	Salinas	30,038.09	9,264.11
PREPA South Coast Steam Power Plant[1]	Guayanilla	11,505.53	8,336.43
PREPA San Juan Power Plant	San Juan	7,787.05	4,903.39
PREPA Palo Seco Power Plant	Toa Baja	17,344.16	3,125.37

The EPA explained in the Data Requirements Rule (80 FR 51057) that the current ambient SO_2 monitoring network, overall, is not appropriately positioned / located, or of adequate size, for purposes of demonstrating compliance with the new standard, to characterize and measure the ambient air quality around many of the Island of Puerto Rico larger emitting SO_2 sources in operation today. The EPA stated that, because ambient SO_2 concentrations are not the result of complex chemical reactions (unlike ozone or $PM_{2.5}$), they can be modeled accurately using well understood air quality modeling tools, especially in areas where one or only a few sources exist. Air quality modeling and ambient monitoring are appropriate tools for characterizing ambient air quality for purposes of informing future decisions to implement the SO_2

[1] While PREPA South Coast was identified in Table 1 as a source with equal or greater than 2,000 tons per year of SO2, the modeling analysis determined this source did not contribute to nonattainment, resulting in the area near and surrounding PREPA South Coast to be designated attainment.

NAAQS. Therefore, both options are available to the state to characterize the areas geared to demonstrate compliance with the new SO_2 1-hour NAAQS promulgated.

If the air monitoring option was selected, the EPA required that the monitors being used to satisfy this rulemaking must be operational by January 1, 2017. It recognizes that the logistical and financial burdens of installing an ambient air monitoring station can vary in difficulty and the resources required. The EPA believes that any further delay in air quality characterization around sources identified as a result of this rulemaking will delay implementation of the standard and public health protection in areas where there may be a violation of the standard. The DNER made several attempts to relocate the SO_2 air monitoring network, but lack of infrastructure or adequate site characteristics limited the capability of the agency to relocate the existing monitors and its stations. In order to comply with regulatory requirements, on June 20, 2016, DNER notified EPA that the modeling option was going to be used to characterize peak 1-hour SO_2 concentrations. The document also enclosed the Dispersion Modeling Protocol required under 40 CFR 51.1203(d).

In March of 2017, the DNER submitted to EPA a 1-hour SO_2 modeling assessment and boundary recommendations for the designation of Puerto Rico area. DNER provided updated modeling between October and November 2017, in response to EPA comments on the March 2017 submission, which allowed EPA to finalize the SO_2 designation for Puerto Rico.

1.3 GEOGRAPHICAL DESPCRIPTION

On January 9, 2018, EPA notified in the Federal Register (83 FR 1098) the designation of two (2) areas, comprised of several wards in different municipalities of Puerto Rico, as non-attainment for the new SO_2 NAAQS. This designation was based on EPA mathematical dispersion modeling, as provided by the regulation. According to the dispersion model's results, the Puerto Rico Electric Power Authority (PREPA) Plants located in the designated non-attainment areas were the only contributors of the NAAQS exceedances.

DNER's modeling assessment indicates the main SO_2 emitters in the non-attainment areas are: PREPA San Juan Power Plant and PREPA Palo Seco Power Plant in the San Juan Metro Area, and PREPA Aguirre Power Plant in Guayama-Salinas Area. Table # 2 presents the designated non-attainment areas for sulfur dioxide as defined in the Federal Register. Note that the areas are defined by municipalities and wards.

*Table #2: Designated **non-attainment areas** as defined in the Federal Register*

San Juan Metro Area	Guayama - Salinas Area

• Cataño Municipality (All)
• Toa Baja Municipality (Partial)
  ○ Palo Seco Ward
  ○ Sabana Seca Ward
• San Juan Municipality (Partial)
• Guaynabo Municipality (Partial)
• Bayamón Municipality (Partial)
	• Salinas Municipality (Partial)
	  ○ Aguirre Ward
	  ○ Lapa Ward



Figure 1: The striped area includes the non-attainment municipalities and wards. The map also presents the site location for PREPA San Juan and PREPA Palo Seco Power Plants



Figure 2: The striped area includes the non- attainment municipality and wards. The map also presents the site location for PREPA Aguirre Power Plant

2.0 CLEAN AIR ACT REQUIREMENTS

As required by the CAA, states, including the Government of Puerto Rico to must develop a Non-Attainment Area State Implementation Plan (NAA-SIP) that meets the requirements of Section 172(c) of the CAA. According to this Section the required components of the NAA-SIP are: (1) Attainment Demonstration, (2) Contingency Measures, (3) Emission Inventory, (4) Reasonable Further Progress, (5) Non-attainment New Sources Review, (6) Reasonably Available Control Measure and (7) Reasonable Available Control

Technology. As stated in Section 191(a) of the CAA the state should submit an NAA-SIP with a demonstration to reach attainment within 5 years of the designation.

3.0 EMISSIONS INVENTORY

Emissions inventory and source emission rate data serve as the foundation for modeling and other required analyses. Sulfur dioxide emissions come from anthropogenic sources such as fossil fuel combustion and biogenic sources such as volcanic activity. Anthropogenic emissions of SO_2 in Puerto Rico are mainly due to combustion of fossil fuels by external combustion boilers (~90 %), internal combustion engines (~1.6%) and transportation-related sources (~8.4%) based on 2014 EPA National Emission Inventory (USEPA, 2014), shown in Figure #3.

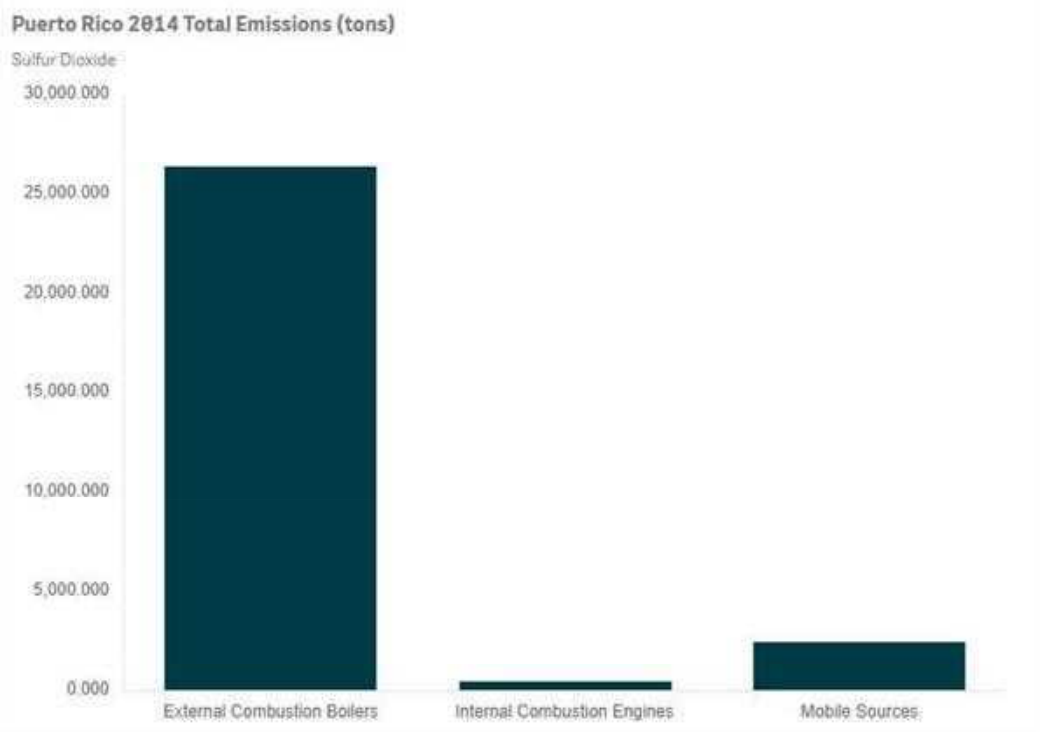


Figure #3: NEI 2014 SO_2 Emission based on process

The 2014 National Emission Inventory for SO_2 Non Atttainment Areas for San Juan Area and Guayama-Salinas Area are shown as follows:

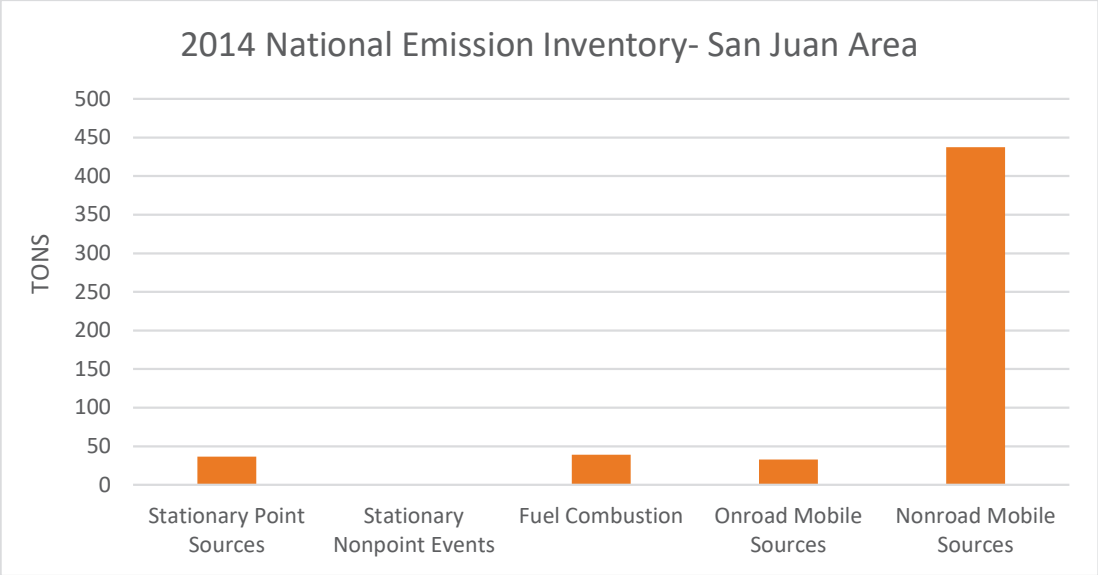


Figure #4: SO_2 Non Atttainment Areas- San Juan

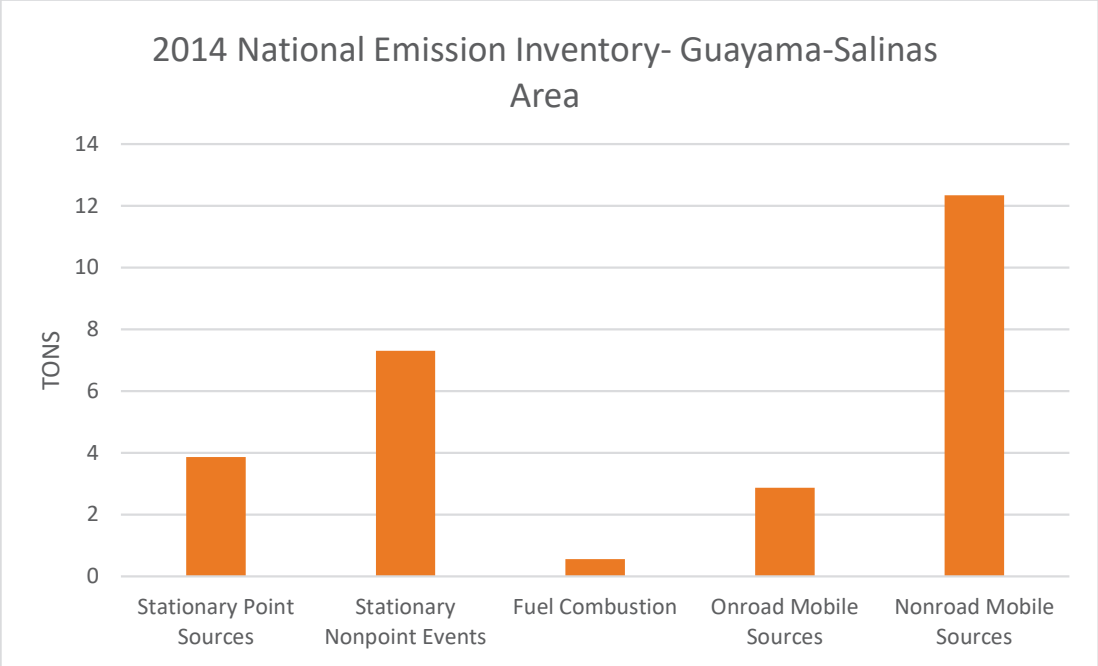


Figure #5: SO_2 Non Atttainment Areas-Guayama

As required under Section 172(c)(3) of the CAA, the air regulatory agency should develop a comprehensive, accurate and current inventory of actual emission from all relevant sources of SO_2. Inventory should be consistent with data requirements codified in 40 CFR, part 51, Subpart A.

DNER prepared the projected emission inventory 2019-2030, for the 1- hour SO_2 non-attainment SIP, in the areas of San Juan Metro and Guayama-Salinas. The principal SO_2 emitters in each area are: PREPA San Juan and Palo Seco in San Juan, and PREPA Aguirre, in Guayama-Salinas. All of them are comprised primarily of external combustion boilers, combined cycle and internal combustion generation units.

The projected emission inventory includes five years of SO_2 allowable emissions, from 2019-2023. This inventory shows the required reductions in SO_2 potential emissions, that PREPA facilities should reach, to comply with the 1-hour SO_2 NAAQS. To satisfy the projected emission inventory requirement, the DNER prepared a document titled: *Puerto Rico 1-Hour SO_2 Non-Attainment Area State Implementation Plan: 2019-2023 Projected Emission Inventory*.

4.0 ATTAINMENT DEMONSTRATION

The two (2) nonattainment areas in Puerto Rico for the 1-hour SO_2 NAAQS are San Juan Metro and Guayama-Salinas. The San Juan Metro nonattainment area, includes the following municipalities and wards; within Cataño, (Palmas and Barrio Pueblo Wards), in Toa Baja (Palo Seco and Sabana Seca Wards), within Guaynabo (Pueblo Viejo Ward), in Bayamón (Juan Sánchez Ward) and in San Juan (San Juan Antiguo, Santurce, Hato Rey Norte and Gobernador Piñero Wards). The rest of the wards in each municipality were classified as attainment/unclassified.

The largest SO_2 sources in San Juan Metro area are, PREPA San Juan in San Juan municipality and PREPA Palo Seco in Toa Baja. Both sites are located within urban areas. In Guayama -Salinas area, the major SO_2 emissions comes from PREPA Aguirre, and this facility is located in Salinas municipality. The Guayama-Salinas area is classified as rural. See modeling protocol for additional information of the area characterization.

The other SO_2 sources in San Juan Metro area are: Bacardi, Edelcar and other minor sources, and Applied Energy System (AES) and other minor sources in Guayama-Salinas area. Previously modeling analysis showed that the SO_2 emissions contributions for these industries were insignificant. However, these minor sources emissions contributions will be addressed with the 1- hour SO_2 background concentration.

The attainment demonstration will be conducted by emission projections and dispersion modeling analysis. In addition to dispersion modeling, ambient air monitoring in the designated nonattainment areas will be used to measure current air quality and to compare the results of the SO_2 ground level concentration values predicted through the dispersion modeling analysis. This NAA-SIP developed by the DNER was prepared to establish the Government of Puerto Rico's strategy to reach compliance of the 2010 Sulfur Dioxide (SO_2) primary NAAQS.

In particular, the NAA-SIP that has been developed will use the modeling tools available through the EPA-approved modeling program and will be complemented with a new ambient monitoring network geared to compare actual ground-level concentrations of SO_2 within the two (2) designated Non-Attainment Areas. The locations where these new monitoring stations will be located (Six (6) units per Non-Attainment Area) are to be the same as the points of high SO_2 concentration calculated through the modeling exercise. DNER's goal is to compare the Model concentration predictions with the data secured from these new monitoring stations. All data to be secured will be fully validated through the EPA's Quality Assurance / Quality Control guidelines implemented at the DNER.

Modeling Methodology

The dispersion model used for the analysis is the AERMOD modeling system. This model is the USEPA recommendation in the Guideline on Air Quality Models[2] (GAQM), for the modeling of the 1-hour SO_2 NAAQS. The AERMOD model version used by PRDNER, is the latest available or the 21112. The AERMOD default modeling options are used in the analysis.

PRDNER attainment modeling scenario in each nonattainment area is based on the potential emissions or PTE rate, the PREPA new operating scenario using natural gas, and the proposed emission unit retirements, through the integration of renewable projects to the power grid. The modeling scenarios have the Natural Gas PTE certified emissions, that PREPA provided PRDNER. PREPA calculated the new emission rates for Natural Gas in all the emission units that will stay operating in their facilities. See modeling protocol for SO_2 emissions data.

The model for San Juan area, includes in the same modeling run, the allowable emissions of PREPA San Juan and PREPA Palo Seco, due to the proximity of each plant. The model for Guayama-Salinas area, only considers the allowable emissions for PREPA Aguirre. The contribution to the 1- hour SO_2 emissions from nearby sources in both nonattainment areas, is represented by the 1- hour SO_2 background concentration.

The AERMOD parameters used in the analysis were the default options, including building downwash for all PREPA plants. The emission units stack parameters data including the updated coordinates, was submitted and revised by PREPA. PREPA submitted PRDNER the height, width and length of the buildings in each facility, along with maps identifying the structures. PREPA also submitted the BPIP Prime output model data to be used in the 1- hour SO_2 attainment model in San Juan and Guayama-Salinas areas. PRDNER used this BPIP data for PREPA San Juan, Palo Seco and Aguirre.

PRDNER use a coarse and refined receptor grid for the modeling analysis. An additional receptor grid was used to determine fence line concentrations. The coarse grid is used to determine the maximum 1-hour SO_2 concentrations and the extension of the area of significant impact, or the area where the model predicts violations of the 1-hour SO_2 NAAQS. The refined grid is denser and covers the area where the previous model predicts the 1-hour SO_2 maximum concentration. See modeling protocol for additional information about the receptor grids.

The onsite meteorological data for the 1-hour SO_2 SIP model, was provided by PREPA and reprocessed by PRDNER. PREPA submitted PRDNER, meteorological data from PREPA San Juan, PREPA Palo Seco and PREPA Aguirre stations. The data from PREPA San Juan is from 2013 and in the case of PREPA Aguirre, the data is from years 2014-2016.

The SO_2 background concentration is a Tier 1 approach or based on a monitored design value. The design value is from the SO_2 monitor at Guayama, AQS-72-057-009. The concentration is 47 ug/m^3 or 18 ppb, and this value will be added to the AERMOD model result, or the highest four highest (H4H).

Model Results

The model results for the LNG scenario demonstrate attainment with the 1- hour SO_2 NAAQS in both nonattainment areas. According to the model results the H4H concentration was below the NAAQS. The Table 1 shows the model results in each nonattainment areas.

[2]40CFR Part 51. Guideline on Air Quality Models. Environmental Protection Agency. January 2017.

Table1: 1-Hour Modeling Results for the SO_2 SIP

Facility	X (m)	Y (m)	H4H ($\mu g/m^3$)	Background ($\mu g/m^3$)	Design Concentration ($\mu g/m^3$)	NAAQS SO_2 ($\mu g/m^3$)
PREPA San Juan	805500	2038922	11.97	47	58.97	196
PREPA Palo Seco	800950	2043422	13.44	47	60.44	196
PREPA San Juan/Palo Seco	800950	2043422	13.45	47	60.45	196
PREPA Aguirre	791000	1998000	21.77	47	68.77	196

The H4H in San Juan Metro area was 60.45 $\mu g/m^3$ and was registered to the northwest of PREPA Palo Seco. PREPA Palo Seco had the major contribution to this concentration. Refer to Figure 1. The Palo Seco boilers were the emission units with more contribution to the H4H design concentration.

In the Guayama-Salinas area the H4H was 68.77 $\mu g/m^3$ and was registered north of PREPA Aguirre. Refer to Figure 2. The major contribution to this concentration was from the boilers and the combined cycles HRSG.

Figure 1: San Juan Metro Area LNG Modeling Results



Figure 6: San Juan Metro Area LNG Modeling Results

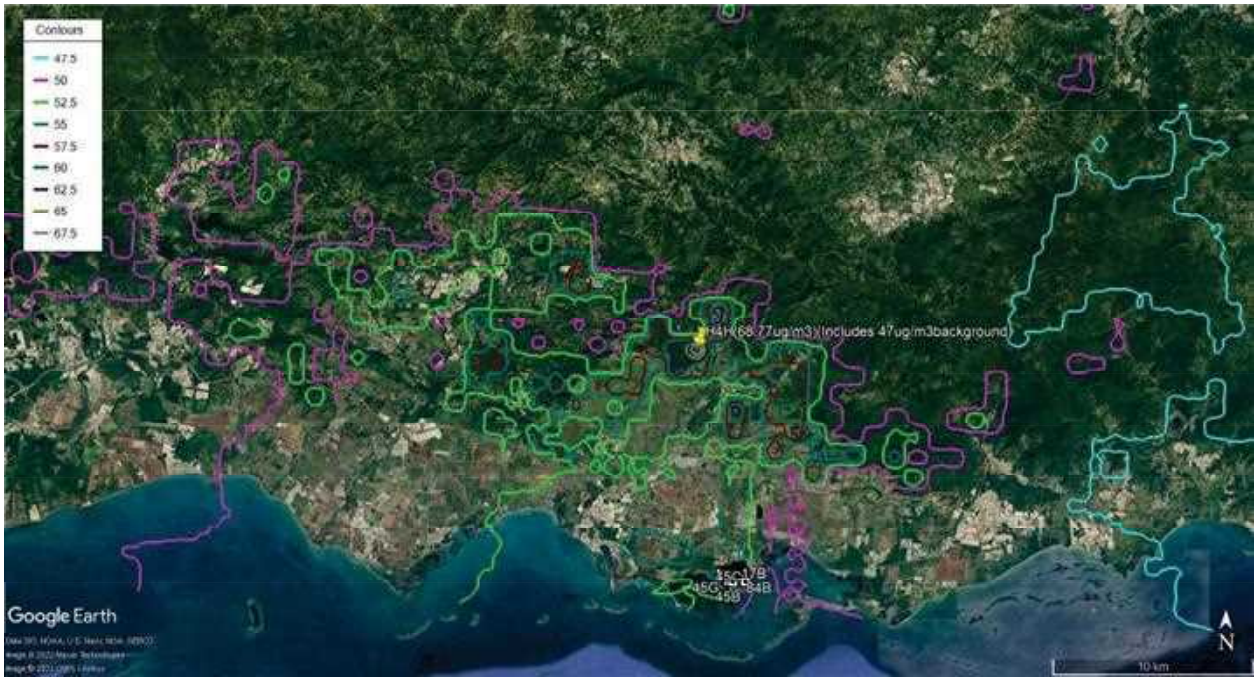


Figure 7: Guayama-Salinas Area LNG Modeling Results

5.0. NON-ATTAINMENT NEW SOURCE REVIEW 172 (c)(5)

Permits for new and modified major stationary sources.

The location or construction of any new major stationary source, or major modification, or significant source shall obtain a location approval from the DNER, prior to its construction in accordance with Rule 201 of Regulation for the Control of Atmospheric Pollution (RCAP). The DNER shall notify the public of the location approval application. An application for location approval shall include information about alternative sites, proposed facility size, production, processes, and environmental control techniques that demonstrate that the benefits of the proposed source significantly outweigh the environmental and social costs imposed as a result of its location, construction, or modification.

The requirements for location approval are included in Rule 201. Rule 201 requires that emission sources to be located within a designated non-attainment area will be regulated and limited by means of the replacement of existing fuels with new renewable energy projects and using natural gas in the Puerto Rico Electric Power Authority (PREPA) generation fleet. For emissions sources located in attainment areas, air pollutants emitted from the new major source, major modification, or significant source must be limited by means of the best available control technology (BACT).

Non Attainments provisions are included in Rule 210 for **stationary sources locating in designated clean or unclassifiable areas which would cause or contribute to a violation of a national ambient air quality standard.**

The provisions for Non-attainment SO_2 areas for San Juan and Guayama-Salinas are included in Rule 425. This rule contemplates control measures to reach attainment or improve air quality using different alternatives, such as, renewable energy sources, switching fuel to ultra low sulfur diesel and natural gas conversion.

6.0 REASONABLE FURTHER PROGRESS 172 (c)(2) CAA

This NAA-SIP had been developed under the basis of the integration of renewable energy sources, an aggressive fuel-switching program under which the PREPA power generation fleet located within the designated Non-Attainment Areas will be switching diesel fuel to Ultra Low Sulfur Diesel (ULSD) fuel (once all existing inventory of diesel fuel are exhausted) and from Bunker C fuel oil to natural gas, for achieving attainment at the PREPA Palo Seco, San Juan and Aguirre Power Plants.

On August 24, 2020, the Energy Bureau issued the IRP Final Order, with respect to the Integrated Resource Plan ("IRP") of the PREPA.[3] The Approved IRP includes a Modified Preferred Resource Plan (Action Plan) considering specific power generation capacity additions[4] and retirements.[5] In the Approved IRP, the Energy Bureau established a schedule for minimum quantities of renewable resources and battery energy storage resources and directed PREPA to submit a renewable resource and battery energy storage procurement plan. The Approved IRP included a program for six (6) tranches of procurement for renewable energy and battery storage resources from third parties,[6] in support of, among other things, meeting Act 17-2019[7] targets for renewable energy installations.[8]

The schedule of minimum quantities of renewables and battery storage additions is expected to be as follows:

Procurement Tranche	RFP Target Release Date	Solar PV or equivalent other energy, MW	4-hr. Battery Storage equivalent, MW
1	Dec-20	1000	500
2	April 2022	500	250

[3] Final Resolution and Order on the Puerto Rico Electric Power Authority's Integrated Resource Plan, *In re. Review of the Puerto Rico Electric Power Authority Integrated Resource Plan,* Case No. CEPR-AP-2018-0001, August 24, 2020 ("Approved IRP").

[4] Id., ¶¶847-867, pp. 263-269.

[5] Id., ¶¶869-873, pp. 270-271.

[6] *Id.*, ¶ 860, pp. 266-268.

[7] Known as *Puerto Rico Energy Public Policy Act* ("Act 17-2019").

[8] Approved IRP, p. 266.

Procurement Tranche	RFP Target Release Date	Solar PV or equivalent other energy, MW	4-hr. Battery Storage equivalent, MW
3-4	September 2022	1000	500
5	March 2023	500	125
6	September 2023	750	125

As part of the SIP, DNER proposes an Interim Plan, to strengthen the existing SIP to improve air quality. The Interim Plan proposes fuel switching from diesel to ultra-low sulfur diesel ("ULSD") in certain units, starting in 2022, once existing inventory of diesel fuel is exhausted., as described below:

Interim Plan (Fuel Switching)

PREPA Facility	Generation Unit	Fuel Switching Date
Palo Seco	Power Block 1-1, 1-2	Upon exhaustion of existing diesel inventory
Palo Seco	Power Block 2-1	Upon exhaustion of existing diesel inventory
Palo Seco	Power Block 2-2	Upon exhaustion of existing diesel inventory
Palo Seco	Power Block 3-1	Upon exhaustion of existing diesel inventory
Palo Seco	Power Block 3-2	Upon exhaustion of existing diesel inventory
Palo Seco	FT8 Mobile Pack 1	Upon exhaustion of existing diesel inventory
Palo Seco	FT8 Mobile Pack 2	Upon exhaustion of existing diesel inventory
Palo Seco	FT8 Mobile Pack 3	Upon exhaustion of existing diesel inventory
San Juan	HRSG 5&6	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC1-1HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC1-2HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC1-3HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC1-4HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC2-1HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC2-2HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC2-3HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine CC2-4HRSG	Upon exhaustion of existing diesel inventory
Aguirre	Gas Turbine AGGT2-1, 2-2	Upon exhaustion of existing diesel inventory

Also, the Interim Plan considers the retirement of certain units as described below:

Interim Plan (Retirements)

PREPA Facility	Generation Unit	Unit Retirement Date
Palo Seco	Boiler 2	June 2023
Palo Seco	Power Block 2-2	June 2023
Palo Seco	Power Block 3-2	June 2023

This is contingent to renewable the effective integration of new renewable energy projects forecasted by the Energy Bureau. This action is required to maintain the power grid estability for Puerto Rico and in compliance with the best management practices.

The DNER proposes a Final Plan to attain compliance with the SO_2 NAAQS. The Final Plan consists of the conversion of several units to be able to use natural gas as the primary fuel, as described below:

Final Plan (Gas Conversions)

PREPA Facility	Generation Unit	Conversion Date
Palo Seco	Boiler 1	July 1, 2030
Palo Seco	Boiler 3	July 1, 2029
Palo Seco	Boiler 4	July 1, 2028
Palo Seco	Power Block 1-1, 1-2	To be determined
Palo Seco	Power Block 2-1	To be determined
Palo Seco	Power Block 2-2	To be determined
Palo Seco	Power Block 3-1	To be determined
Palo Seco	Power Block 3-2	To be determined
Palo Seco	FT8 Mobile Pack 1	To be determined
Palo Seco	FT8 Mobile Pack 2	To be determined
Palo Seco	FT8 Mobile Pack 3	To be determined
San Juan	HRSG 5&6	July 1, 2022
San Juan	Boiler 7	January 31, 2024
San Juan	Boiler 8	January 31, 2026
San Juan	Boiler 9	January 31, 2028
San Juan	Boiler 10	January 31, 2030
Aguirre	AG1	July 1, 2028
Aguirre	AG2	July 1, 2030
Aguirre	Gas Turbine CC1-1HRSG	To be determined
Aguirre	Gas Turbine CC1-2HRSG	To be determined
Aguirre	Gas Turbine CC1-3HRSG	To be determined
Aguirre	Gas Turbine CC1-4HRSG	To be determined
Aguirre	Gas Turbine CC2-1HRSG	To be determined
Aguirre	Gas Turbine CC2-2HRSG	To be determined
Aguirre	Gas Turbine CC2-3HRSG	To be determined
Aguirre	Gas Turbine CC2-4HRSG	To be determined
Aguirre	Gas Turbine AGGT2-1, 2-2	To be determined

If required to meet its generation power commitments, PREPA would request a waiver to utilize an alternate fuel whenever there is a natural disaster or emergency or other extraordinary event under which the natural gas primary fuel is not available for an extended period. This will be done through the request of an Emergency Waiver before the DNER.

a. The emergency waiver must be approved by PRDNER and EPA. PRDNER will submit the waiver request to USEPA OECA. The waiver must provide (1) evidence and justification for the emergency, (2) how long the waiver is needed, (3) projection for when the natural gas supply will be restored, (4) interim measures to reduce excess emissions. If EPA determines the waiver request is warranted, EPA will approve the temporary emergency waiver. If EPA

does not approve the waiver, EPA and PRDNER may use their discretion to determine noncompliance and/or issue a finding of failure to implement the SIP.

7.0 REASONABLY AVAILABLE CONTROL MEASURE/ REASONABLY AVAILABLE CONTROL TECHNOLOGY 172 (c) (1) and (6) measures to be reasonably available and contribute to attainment as expeditiously as practicable

Enforceable emission limitations and control measures

The DNER RCAP has rules to implement and enforce the NAAQS and other air quality standards. These rules include formal systematic procedures for construction and operation permits that will meet the federal requirements. As part of this SIP, the RCAP will be amended to include more specific rules (Rule 210 and 425) for non-attainment areas.

(1) If attainment of SO_2 air quality standards in the Non-Attainment Areas are not achieved, DNER will undertake aggressive follow-up for compliance and enforcement at any source within the boundaries of San Juan Metro and Guayama-Salinas Non-Attainment Areas. This includes expedited procedures for establishing enforceable consent agreements pending the adoption of revised SIPs. Any source that is found in violation of any compliance plan approved by the Board or any requirement within such plan will be subject to sanctions specified in Rule 115.

(2) In the event adoption of any additional control measures is necessary, it will be subject to DNER's administrative and legal process.

(3) If a new measure/control is already promulgated and scheduled to be implemented at the federal or state level, and that measure/control is determined to be sufficient to address a violation of the SO_2 NAAQS, additional local measures may be unnecessary. Furthermore, DNER will submit to EPA an analysis to demonstrate the proposed measures are adequate to bring the area to attainment.

(4) The DNER may require any owner or operator responsible for any source of sulfur dioxide emissions which may be contributing to air pollution to install, operate, and maintain monitoring devices; to maintain records; and file periodic reports.

a. Within three (3) months of the receipt of any order under Rule 425 of the RCAP, or within another time period that such order may specify, the owner or operator shall submit a plan to the DNER. Such plan shall include an air quality and meteorological measurement network consistent with the objective of obtaining an accurate assessment of the sulfur dioxide air quality and meteorology within the zone impacted by sulfur dioxide emissions from the source. The plan shall follow criteria guidelines furnished by the DNER for number of instruments; site location; monitoring methods; equipment performance specifications; equipment operation and maintenance; analytical and data reduction quality assurance; and data reporting. The DNER may issue additional orders to require that a previously submitted plan be clarified, updated, corrected, supplemented, or otherwise amended.

8.0 CONTINGENCY MEASURE

Identify sources of violation of the SO_2 NAAQS: DNER may declare an air pollution alert, warning or emergency, and will determine that such condition requires immediate action for the protection of the health of human beings. The DNER will order persons causing or contributing to the atmospheric pollution to reduce their emissions to eliminate such condition, or to immediately discontinue the emission of pollutants. In addition, the DNER also maintains air quality information in a form readily available to the public on the DNER Website (www.drna.pr.gov).

Compliance and enforcement: Article 9(a)(7) of Puerto Rico Environmental Public Policy Act (PREPPA) 416 of September 22, 2004, provides the Secretary of the DNER the authority to order persons causing or contributing to a condition which harms the environment and natural resources, or which poses an imminent danger for the public health and safety, to immediately diminish or discontinue their actions. Also, Article 9(a)(8) of PREPPA provides the authority to issue orders to do or forbear or to cease and desist so as to take the preventive or control measures that, in its judgment, are necessary to achieve the purposes of this Act and the regulations promulgated thereunder.

Upon notification by DNER that a nearby air monitor for the area has registered four validated ambient SO2 concentrations in excess of the standard, or that a monitored SO2 violation based on the design value occurred during calendar years 2022 and beyond, PREPA will, without any further action by DNER or EPA, undertake a full system audit of all emissions units subject to control under this plan. PREPA will submit a written system audit report to DNER within 30 days of the notification. The system audit report must detail the operating parameters of all emissions units for four 10-day periods up to and including the date upon which the reference monitor registered each exceedance, together with recommended provisional SO2 emission control strategies for each affected unit and evidence that these control strategies have been deployed, as appropriate. Upon receipt of the system audit report, DNER will immediately begin a 30-day evaluation period to diagnose the cause of the monitored exceedance. This evaluation will be followed by a 30-day consultation period with PREPA to develop and implement operational changes necessary to prevent future monitored violations of the standard. These changes may include fuel switching to reduce or eliminate the use of sulfur containing fuels, physical or operational reduction of production capacity, or other changes as appropriate. If any new emission limits are necessary, they would be submitted to EPA as a SIP revision.

Establishment of a New Attainment Ambient Monitoring Networks (NAAMN): The 2010 SO_2 NAAQS attainment strategy in this SIP considers the development of a NAAMN in the Guayama-Salinas and the San Juan Metro non-attainment areas. The data gathered from the existing monitoring network allows the DNER to propose the development of a NAAMN to be installed at the designated non-attainment areas in Puerto Rico, geared to compare NAAQS compliance. It is recommended to install twelve (12) monitoring stations under the NAAMN, placing six (6) in each of the two non-attainment areas. The analysis developed to select the monitoring station locations will be based upon the areas predicted to have the maximum concentrations, predicted through the use of EPA-approved AERMOD[9] Modeling Program. This is directed

[9] AERMOD is a "steady-state plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of both surface and elevated sources, and both simple and complex terrain." Air Quality Dispersion Modeling - Preferred and Recommended Models | US EPA

to address EPA's concerns, as well as to fully validate the Government of Puerto Rico's compliance with the Clean Air Act NAAQS requirements.

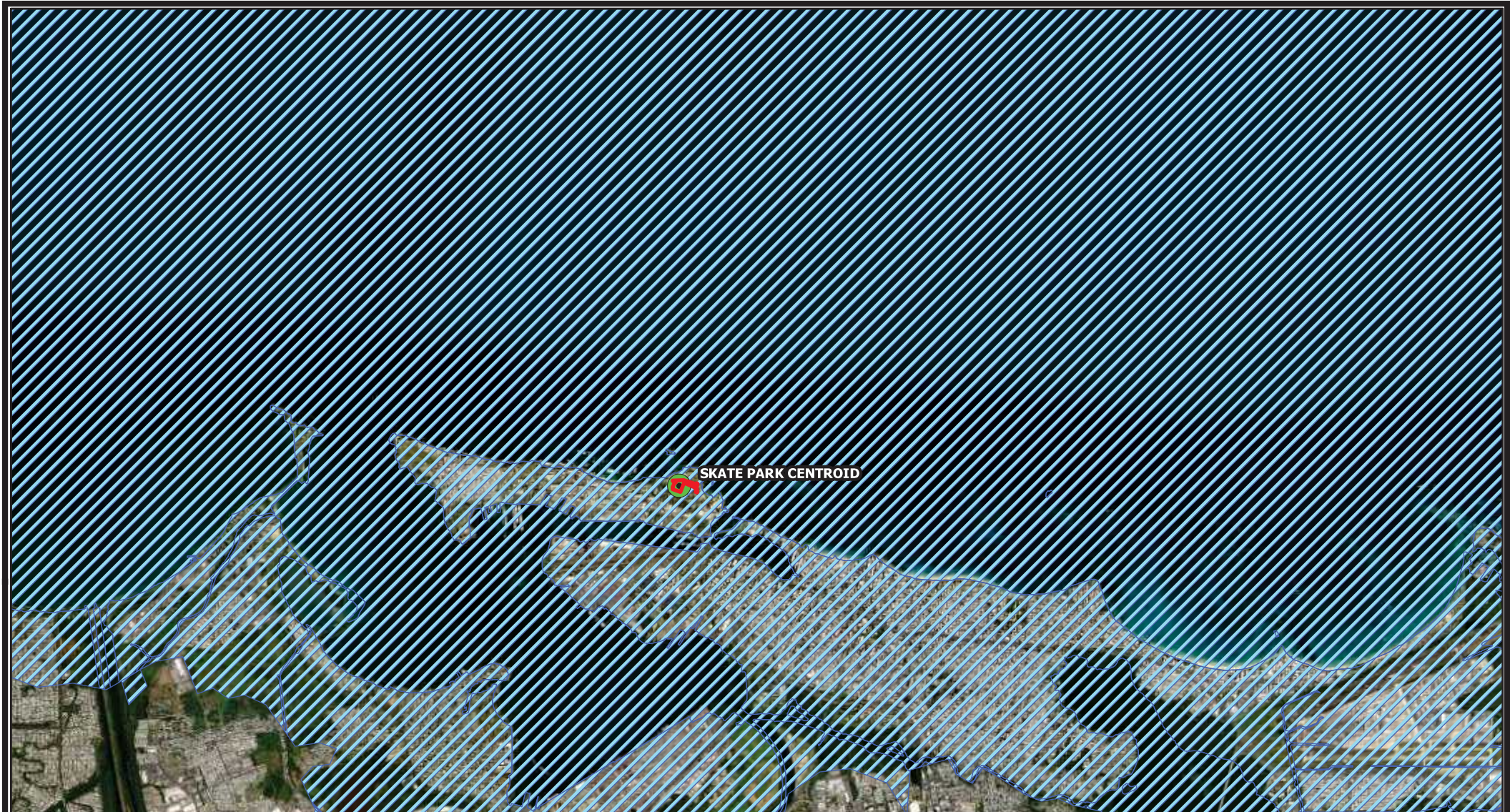
9.0 CONCLUSION

On January 9, 2018, the EPA's decision to designate areas of Puerto Rico as non-attainment areas for the 2010 SO_2 NAAQS was published in the Federal Register (83 FR. 1098). The non-attainment designations that took effect on April 9, 2018, correspond to the Air Quality Control Regions (AQCRs) covering: 1. Areas within the Municipalities of San Juan, Guaynabo, Toa Baja, and Bayamón, together with the entire Cataño Municipality on the north of the main island (San Juan Metro Area); 2. Sectors of the Guayama and Salinas Municipalities on the south of the main island. For areas designated as nonattainment, states must develop a State Implementation Plan that meets the requirements of Section 172(c) Clean Air Act (CAA). Paragraphs 172(c) and 172(a)(2) establish the requirements for the implementation of reasonably available control measures to achieve compliance as soon as practicable but no later than five years after the nonattainment designation. In response to the promulgation of the 2010 1-Hour SO_2 Primary National Ambient Air Quality Standard, this SIP is submitted, according to the requirements established in Sections 172(b) and (c) of the (CAA). With this plan, the DNER will meet all requirements to demonstrate attainment with the 2010 1-hour SO_2 NAAQS ambient air monitoring in the designated non-attainment San Juan Metro and Guayama-Salinas areas. This plan demonstrates that the implementation of the control measures at existing sources limit SO_2 emissions below the 2010 NAAQS for sulfur dioxide.

10.0 APPENDIX

A. Puerto Rico 1-Hour So_2 Nonattainment Area State Implementation Plan-Modeling Protocol (Draft Final)
B. Puerto Rico 1-Hour So_2 Nonattainment Area State Implementation Plan-2019-2023 Projected Emission Inventory (Draft)

Attachment V: Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)



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PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
PUERTO RICO COASTAL ZONE
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 385 770 1,540 2,310 3,080
Meters

1:70,000

GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200

GOVERNMENT OF PUERTO RICO
PUERTO RICO PLANNING BOARD

October 5, 2023

CZ-2024-0921-048
Federal Consistency Certification with the Puerto Rico Coastal Zone Management Program
"Escambrón Skate Park"
Public Project PR-CRP-000035

RESOLUTION

TO NOTIFY PARTIES ABOUT THE ISSUANCE OF A FEDERAL CONSISTENCY CERTIFICATE ACCORDING TO THE COASTAL ZONE MANAGEMENT ACT FEDERAL CONSISTENCY REGULATIONS, 15 CFR Part 930

The Municipal Government of San Juan (MSJ) submitted the application of reference to obtain federal assistance from the CDBG-DR funds through the City Revitalization Program. The proposed project named "Escambrón Skate Park" consists of the rehabilitation of a portion of the Parque Tercer Milenio. The construction of a new skate park and other repairs that include architectural, structural, electrical, civil, plumbing, graphic signage, and landscaping works. The MSJ seeks to revitalize, modernize, and promote Green Initiatives in its city centers through smart design.

The proposed project site contains a baseball field, associated structures, green areas, paved areas, and other structures (bleachers) associated to the adjacent stadium.

The Scope of the Work of this remodeling project is a partial area of the Parque del Tercer Milenio that includes the existing Ball Park with an area of 62,000 cubic feet and the corridor parallel to the running track. In this corridor, it includes the demolition of the concrete stands on the north side of the running track, which are in a high degree of deterioration, and two concrete stands with dugouts in the baseball field.

The skate park consists of 30,000 cubic feet of pavement with obstacles and bowls for the practice of skateboarding at an international level, to be located within a portion of the 62,000 ft² footprint of the existing Ballpark. The remainder of the ballpark land, some 32,000 ft², will remain open as a green field. All the necessary infrastructure systems of water, sanitary sewer, electricity, and storm sewer are present in the existing park. The only structure to be built above ground level are two restrooms and canopy roof signaling the entrance to the Skatepark. Also entails the replacement of old lighting poles with new ones, improvements to existing pavements and landscape.

It is not proposed to expand the footprint of new facilities outside of the existing footprint of already impacted areas. The activities included in the proposed project are not likely to adversely affect endangered species and pursue the improvements of existing landscape areas.

All the areas used for this project area areas that have been already impacted by the Third Millenium Park project (1999) and area being reprogrammed to be remodeled and reused in other recreational activities. Considering the scheduled demolition of the track's bleachers structures and the two ballpark stands with dugouts, plus the new construction; the net result of additional construction is +4,065 ft².

The proposed project is located at Parque del Tercer Milenio (el Escambrón), in the municipality of San Juan, Puerto Rico.

As part of the completed evaluation, the Puerto Rico Planning Board made the following findings:

The PR Cultural Institute (PRCI) submitted a favorable recommendation, conditional on the proposed project. It must comply with the use restrictions that appear as encumbrances in the Deed of Assignment and Transfer of the property and avoid the adverse impact on the surrounding properties of Historical and Architectural Value (Parque Sixto Escobar, Hotel Normandie, etc.) and complies with 112-1998 Law, as amended.

GOBIERNO DE PUERTO RICO
JUNTA DE PLANIFICACIÓN

The properties of the proposed project components may be impacted by a flood risk zone, specifically an AE zone with an approximate elevation of 3 meters (MSL), and a coastal Zone A with an approximate elevation of 3.4 meters (MSL), also known as LIMWA. It is important to note that these zones are subject to potential inundation.

Considering the above-mentioned findings, the Puerto Rico Planning Board (PRPB) in its meeting held on October 5, 2023, determined that the federal assistance (CDBG-DR funds) to be awarded through the City Revitalization Program (CRP) for the *"Escambrón State Park"* public project is consistent with the Puerto Rico Coastal Zone Management Program Policies.

This certification does not exempt the project from complying with other required federal or state permits and endorsements.

The following parties shall be notified: Municipal Government of San Juan PO Box 70179 San Juan, Puerto Rico 00936-8179; Istra Hernández, President Hernandez-Bauza PSC Architects; istrahernandez@gmail.com, PPL, Laredo González eco.landscape.pr@gmail.com.

Julio Lassús Ruiz, LLM, MP, PPL
President

I Certify: That this Resolution is copy of the agreement adopted by the Puerto Rico Planning Board (PRPB) in its meeting of October 5, 2023. I expedite and notify this copy to the parties with my signature and the official Puerto Rico Planning Board stamp, for general use and knowledge.

In San Juan, Puerto Rico, today NOV 0 8 2023

Edgardo Vázquez Rivera
Acting Secretary

GOBIERNO DE PUERTO RICO
JUNTA DE PLANIFICACIÓN

JP-833
Rev. Jan. 01

Commonwealth of Puerto Rico
Office of the Governor
Puerto Rico Planning Board
Physical Planning Area
Land Use Planning Bureau

Application for Certification of Consistency with the Puerto Rico Coastal Management Program

General Instructions:

A. Attach a 1:20,000 scale, U.S. Geological Survey topographic quadrangular base map of the site.

B. Attach a reasonably scaled plan or schematic design of the proposed object, indicating the following:

1. Peripheral areas

2. Bodies of water, tidal limit and natural systems.

C. You may attach any further information you consider necessary for proper evaluation of the proposal.

D. If any information requested in the questionnaire does not apply in your case, indicate by writing "N/A"(not applicable).

E. Submit a minimum of seven (7) copies of this application.

DO NOT WRITE IN THIS BOX

Type of application: _____ Application Number: _____

Date received: _____ Date of Certification: _____

Evaluation result: ☐ Objection ☐ Acceptance ☐ Negotiation

Technician: _____ Supervisor: _____

Comments:

1. Name of Federal Agency: HUD

2. Federal Program Catalog Number: CDBG-DR City Revitalization

3. Type of Action:

☐ Federal Activity ☐ License or permit ☒ Federal Assistance

4. Name of Applicant: MUNICIPIO AUTONOMO DE SAN JUAN

5. Postal Address: PO BOX 70179, San Juan, PR 00936-8179

Telephone: 787-480-2500 Fax: (787) 725-5674

6. Project name: CRP-000935 Escambrón Skate Park @ Parque Tercer Milenio

7. Physical Description of Project Location (area, facilities such as vehicular access, drainage, storm and sanitary sewer placement, etc.): The proposed project site contains a baseball field, associated structures, green areas, paved areas and other structures (Bleachers) associated to the adjacent stadium.

Lambert Coordinates: X = 236,261.671 Y = 270,029.069

8. Type of construction or other work proposed:

☐ drainage ☐ channeling ☐ landfill ☐ sand extraction

☐ pier ☐ bridge ☐ residential ☐ tourist

others (specify and explain)
The Project consists of the rehabilitation of a portion of the Parque Tercer Milenio. The instalation of a new Skate Park, repairswill include architectural, structural, electrical, civil, plumbing, graphic signage and landscape works. MSJ seeks to revitalize and modernize and promote Green Initiatives in its city centers through smart design.

Description of proposed work: (See attached Project Basis Summary)

9. Natural, artificial, historic or cultural systems likely to be affected by the project

Place an X opposite any of the systems indicated below that are in the project area or its surroundings, which are likely to be affected by that activity. Indicate the distance from the project to any outside system that would likely be affected.

System	Within Project	Outside Project	Distance (meters)	Local name of affected system
beach, dunes		X	60	ESCAMBRON (Not likely to be adversely affected)
marshes		X		
coral, reefs		X	200	ESCAMBRON (Not likely to be adversely affected)
river, estuary		X		
bird sanctuary		X		
pond, lake, lagoon		X		
agricultural unit		X		
forest, wood		X		
cliff, breakwater		X		
cultural or tourist area		X		
other (explain)				n/a

Describe the likely impact of the project on the identified system (s).

Positive ☒ Negative ☐

Explain: The Scope of Work (SOW) of this remodeling project is a partial area of the Parque del Tercer Milenio that includes the existing Ball Park with an area of 62,000 PCs and the corridor parallel to the running track, from the Ball Park to the east side exit. In this corridor, it includes the demolition of the concrete stands on the North side of the running track, which are in a high degree of deterioration, and the two concrete stands with dugouts in the Baseball Field. The running track is not part of our SOW, nor are the historic Sixto Escobar structures. It is not proposed to expand the footprint of new facilities outside of the existing footprint of already impacted areas.The activities included in the proposed project are no likely to adversely affect endangered species and pursue the improvement of existing landscape areas, create new landscaped areas and improve the tree community.

10. Indicate permits, approvals and endorsements of the proposal by Federal and Puerto Rican government agencies. Evidence of such support should be attached to the proposal.

	Yes	No	Pending	Application Number
a. Planning Board	☐	☒	☐	
b. Regulation and Permits Administration	☐	☐	☒	
c. Environmental Quality Board	☐	☐	☒	
d. Department of Natural Resources	☐	☐	☒	
e. State Historic Preservation Office	☐	☐	☒	
f. U.S. Army Corps of Engineers	☐	☒	☐	
g. U.S. Coast Guard	☐	☒	☐	
h. Other (s) (specify)	☐	☒	☐	

CERTIFICATION

I CERTIFY THAT SKATE PARK @ PARQUE TERCER MILENIO is consistent with the Puerto Rico Coastal Zone Management Program, and that to the best of my knowledge the above information is true.

Istra Hernández
Name (legible)

Owner and President of
Hernandez-Bauza PSC Architects
Position

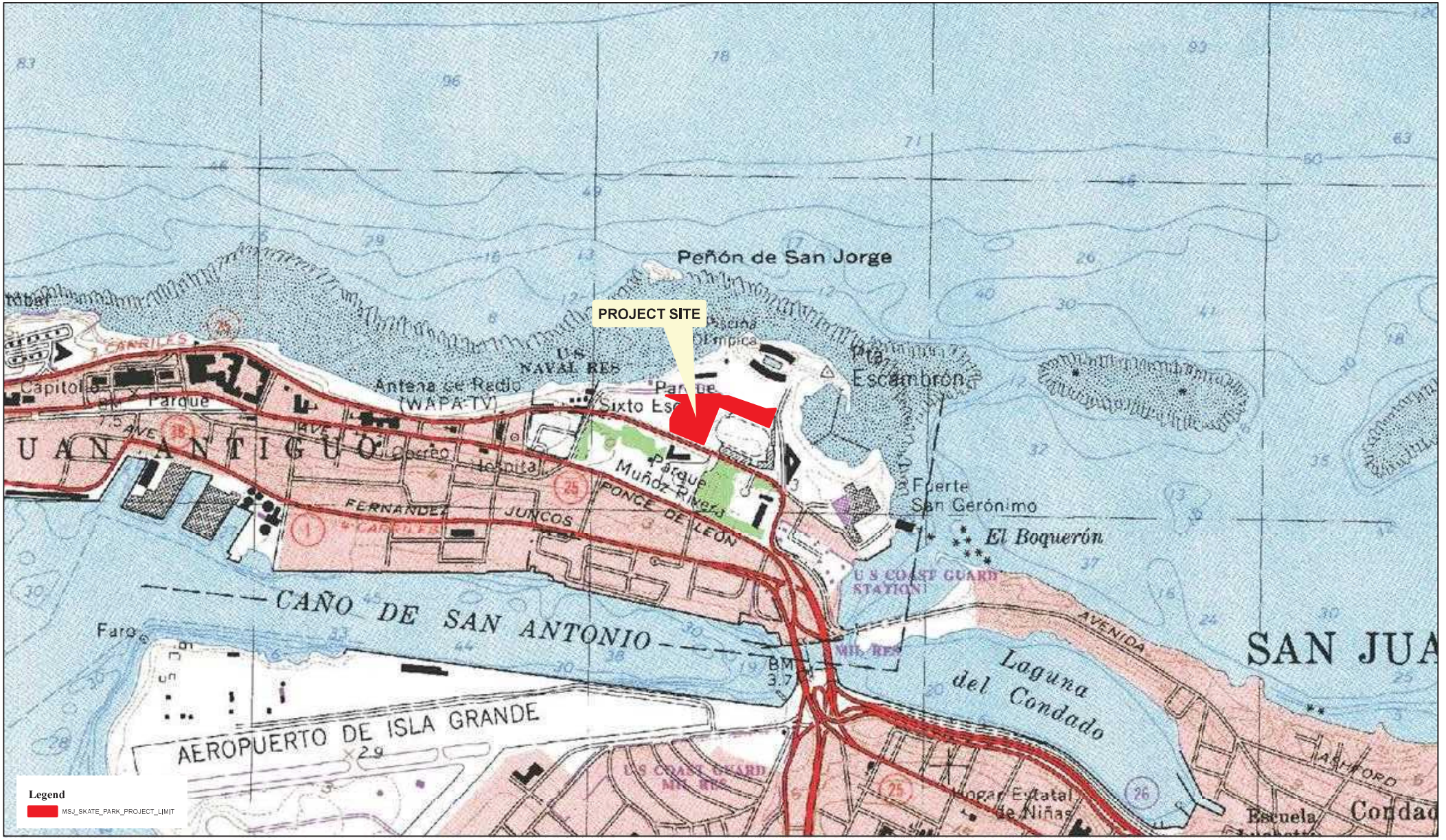
Istra Hernández
Signature

3/10/2023
Date

Plan. Laredo Gonzalez
787-637-3603
eco.landscape.pr@gmail.com

Plan. Laredo Gonzalez

Digitally signed by Plan. Laredo Gonzalez
DN: cn=Plan. Laredo Gonzalez, o=GBA, ou, email=falconpr2010@gmail.com, c=US
Date: 2023.03.10 17:03:14 -04'00'



N
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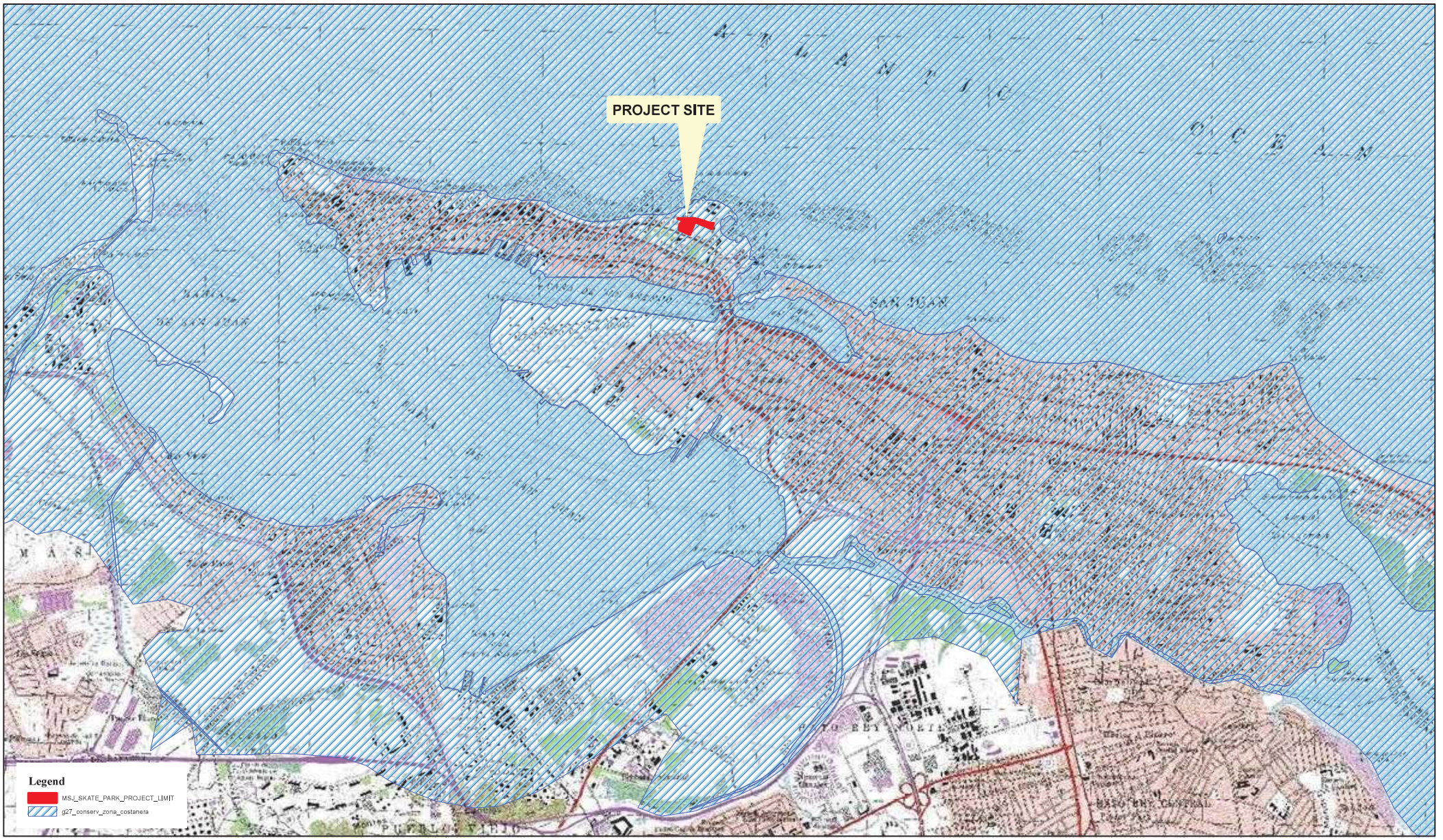
LOCATION PLAN
(GIS.PR.GOV)

0 125 250 500 750 1,000 Meters

1:10,000

ESCAMBRON SKATE PARK
@ PARQUE TERCER MILENIO
SAN JUAN, PUERTO RICO

GBA
Plan. Laredo González
MARCH/2023



N
W E
S

RELATION TO COASTAL ZONE (GIS.PR.GOV)

0 385 770 1,540 2,310 3,080 Meters

1:30,000

ESCAMBRON SKATE PARK
@ PARQUE TERCER MILENIO
SAN JUAN, PUERTO RICO

GBA
Plan. Laredo González
MARCH/2023



N
W E
S

RELATION OF THE PROPOSED PROJECT SITE WITH EXISTING NATURAL AND ARTIFICIAL SYSTEMS

0 62,5 125 250 375 500 Meters

1:5,000

ESCAMBRON SKATE PARK
@ PARQUE TERCER MILENIO
SAN JUAN, PUERTO RICO

GBA
Plan. Laredo González
MARCH/2023

HERNANDEZ-BAUZA, PSC, ARCHITECTS, PO BOX 361090 SAN JUAN, PR 00936-1090 TEL 787-751-7241, 758-9142

PROJECT SUMMARY & BASIS FOR DESIGN

Project: ESCAMBRON SKATE PARK

Location: PARQUE DEL TERCER MILENIO
Puerta de Tierra, San Juan, PR

Owner: Autonomous Municipality of San Juan

The Autonomous Municipality of San Juan (MASJ) issued an RFP for the design of a Skatepark where the Parque del Tercer Milenio is currently located, and our Firm was selected to design this project.

The Scope of Work (SOW) of this remodeling project is a partial area of the Parque del Tercer Milenio that includes the existing Ball Park with an area of 62,000 PCs and the corridor parallel to the running track, from the Ball Park to the east side exit. In this corridor, it includes the demolition of the concrete stands on the North side of the running track, which are in a high degree of deterioration, and the two concrete stands with dugouts in the Baseball Field. The running track is not part of our SOW, nor are the historic Sixto Escobar structures. Below you can see the area designated for the project.

CRP-000935 Escambrón Skate Park @ Parque Tercer Milenio Foto Aérea Site

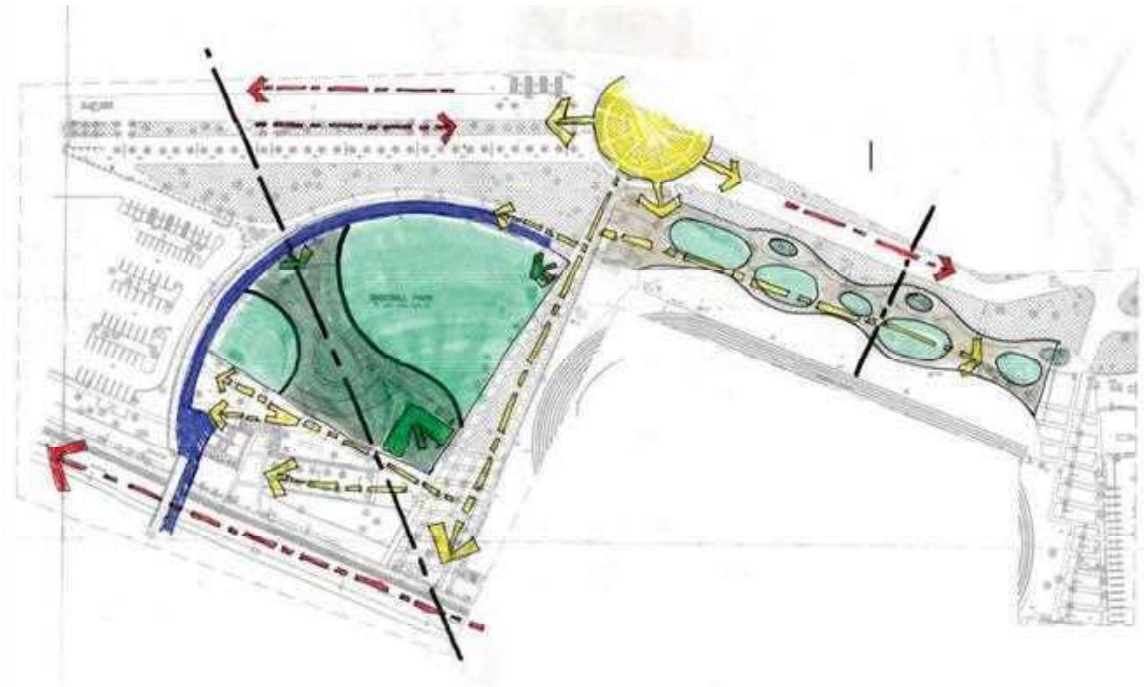


Area delimitada para proyecto Skatepark

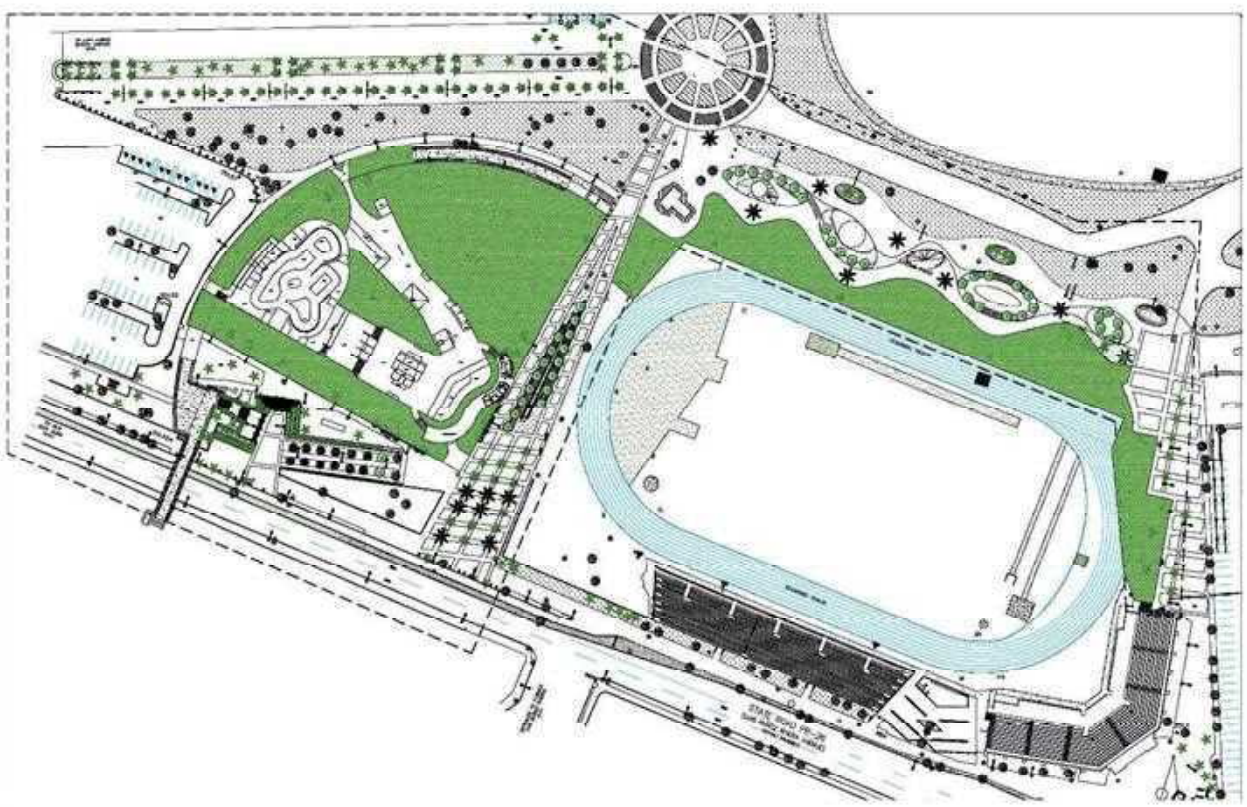
In existing structures to be demolished, lead-based paint and asbestos-containing materials will be investigated and mitigated, in compliance with current regulations, before any demolition action. The steel and concrete material will be demolished and disposed by a certified company for recycling. See below Photo of the Stands structure (24,231 PC) of the track, to be demolished.



In the southern part of the ballpark, the Skatepark will be developed, leaving an open field with grass on the northern side. This area was selected because as you move northward the water table becomes closer to the surface. The existing corridor along the track (where the concrete stands will be demolished) is to be remodeled to accommodate a children's linear passive park with play elements. In the other open areas, the pavements will be improved, and the existing landscaping will remain. Below is the initial conceptual sketch of the areas to be remodeled for both activities.



The Skatepark consists of 30,000 PCs of pavements with obstacles and bowls for the practice of skateboarding at an international level, to be located within a portion of the 62,000 PC footprint of the existing Ballpark. The remainder of the Ballpark land, some 32,000 PCs, will remain open as a green field. All the necessary infrastructure systems of water, sanitary sewer, electricity, and storm sewer are present in the existing park. The only structure to be built above ground level are two restrooms to serve Skatepark users and canopy roof signaling the entrance to the Skatepark. The proposed project entails the replacement of old lighting poles with new ones, improvements to existing pavements and landscape gardening for green areas, plus cutting and pruning of existing trees and plants. See proposed schematic below:



All the areas used for this development are areas that have already been impacted by the Third Millennium Park project (1999) and are being reprogrammed to be remodeled and reused in other sports and recreational activities. **It is not proposed to expand the footprint of new facilities outside of the existing footprint of already impacted areas.**

Considering the scheduled demolition of the track's bleacher structures (-24,231 PCs) and the two ballpark stands with dugouts (-1,684 PCs), plus the construction of the Skatepark and the restroom structure inside of the new open roof of the entrance (+30,000 PCs); the net result of additional construction in the park is +4,085 PCs.

We have commissioned a Phase 1A Archeologic Study of the area to determine the impact of the zone and recommendations. In accordance with the Administrative Order 2020-17 of the DRNA, the project does not present a significant environmental impact and complies with the following actions:

II. List of Actions:

A) <u>General Actions:</u>

5. Remedial actions directed towards the protection of the environment, conservation of resources, mitigation plans, cleaning and disposal of polluting materials, emergency repair of existing infrastructure, among others;

C) New Construction Actions:

10. Construction of structures whose use is ministerial in the qualification where it is located;

D) Demolition or reconstruction and/or expansion actions:

12. Demolition of structures and infrastructure works;

13. Remodeling and reconstruction of existing structures.

14. Minor extensions of existing structures that remain within the footprint of the property for operations whose uses are duly authorized by the qualification or by means of a use permit or a location inquiry;

E) Actions of installation, replacement, rehabilitation and/or substitution of equipment or infrastructure works:

18. Improvements, remodeling or maintenance of infrastructure works carried out by the Government of Puerto Rico, its municipalities or the Government of the United States;

19. Installation and improvement of electrical lines or towers, poles, pipes, trenches, manholes, wells, pluvial systems, pump systems for flood control;

21. Replacement, rehabilitation, restoration or improvement of infrastructure works within the same footprint, such as, but not limited to: streets, roads, sidewalks, curbs, lateral slopes, bridges, culverts, rails and docks;

F) Mitigation actions, decoration, cutting and pruning of trees:

22. Maintenance work, cleaning, decoration, cutting and pruning of trees;

23. Paving, repaving or scarifying work;

III. Compliance Requirements for the action or work to obtain from OGPe a Determination of Environmental Compliance by Categorical Exclusion:

A) General Requirements: **The following requirements will be applicable to all actions listed in Part II of this Administrative Order.**

1. It will not discharge pollutants to bodies of water that require the application of a new federal discharge permit under the program known as the National Permit Discharge Elimination System (NPDES), or a modification to the existing one.

2. The proposed action will not generate air pollutant emissions that exceed ten (10) tons per year of each criteria air pollutant or zero point twenty-five (0.25). tons of any hazardous air pollutant (HAP) or one (1) ton of any combination of pollutants dangerous atmosphere. Once these emission limits have been reached through one or several requests submitted through this Administrative Order, in a period of Five (5) years after said limits have been reached, a new request for categorical exclusion may not be submitted to add or modify additional sources that involve increasing the emission limits of an existing source.

3. The proposed action will not be fragmented or segmented into different stages in order to evade the requirements of an environmental document.

4. In the event that the proposed action is affected by the use or award of federal funds that require an evaluation process similar to that of NEPA (NEPA-Like Process), the

proponent must ensure that it has complied with the requirements of the regulation of environmental documents of the DNER.

5. The action complies with the levels of noise and emission of artificial light, as established by the respective regulations promulgated by the DNER or any applicable legislation.

6. No activity shall be carried out within a body of water, unless it is a maintenance dredging, mitigation, investigation, measurement, monitoring or environmental remediation work.

7. The proposed action locates in an area where there are no infrastructure problems related to electricity, drinking water, storm sewer services and road capacity for access. The services for the disposal of used water must be provided through a connection to the sanitary system of the Authority of Aqueducts and Sewers, or by an alternative method such as holding tanks on the ground, or any other wastewater disposal system that is duly authorized by permission from the DNER or any other applicable agency.

8. The proposed action must comply with each of the specific requirements that are applicable to it.

D. Requirements for the Actions of demolition or reconstruction, remodeling and/or expansion:

1. In addition to compliance with the requirements established in Part III, Section A, Subsections 1 to 8, the action will only be approved through Categorical Exclusion if it complies with the following:

a) The reconstruction and/or remodeling must be carried out within the footprint of the existing structure, as long as the structure is not designated or included by the Institute of Puerto Rican Culture, the State Historic Preservation Office, or the Planning Board as a of historical or cultural value, and that is not listed on the National Register of Historic Places;

b) The proposed expansion will not imply the intensification of uses, nor will uses be added to those previously authorized by the use permit or location consultation;

c) The proposed expansion may not exceed twenty-five percent (25%) of the footprint area of the existing structure, up to a maximum limit of five thousand (5,000) square feet, and may not be located in:

i. Special areas at risk of landslides or tidal waves, including the maritime-terrestrial zone;

ii. Areas designated as Superfund Sites, and/or where the Department of Natural and Environmental Resources or other state or federal government agencies have determined that there is a degree of contamination that exceeds that allowed by current regulations;

iii. Ecologically sensitive or protected areas, as established by the Department of Natural and Environmental Resources, the Planning Board or any state or federal agency with jurisdiction;

iv. Areas where there are unique species of fauna or flora or that are in danger of extinction;

v. Areas that may ecologically affect natural or artificial systems either directly or indirectly;

vi. Areas that do not have infrastructure for the supply of drinking water, disposal of sanitary water, electricity or road capacity for the adequate management of motor vehicle traffic. This requirement is waived for single-family residences and agricultural projects in rural areas, where infrastructure or services of this nature are limited.

vii. Areas that constitute known or potential mineral deposits;

viii. Areas where there are archaeological sites or deposits of cultural value, as determined by the Institute of Puerto Rican Culture, the National Registry of Historic Places, and/or the State Office of Historic Preservation, as applicable;

ix. Areas of steep topography in hydrographic basins where sources of drinking water supply may be affected.

d) The demolition does not entail the use of explosives;

e) The structure to be demolished:

i. must be free of asbestos and lead;

ii. is not designated or listed by the Institute of Puerto Rican Culture, the State Historic Preservation Office, or the Planning Board as a structure of historic or cultural value, and is not listed on the National Register of Historic Places;

E. **Requirements Actions for installation, replacement, rehabilitation and/or substitution of equipment or infrastructure works:**

1. In addition to compliance with the requirements established in Part III, Subsection A, Sub sections 1 to 8, an action will only be approved through Categorical Exclusion if it complies with the following:

a) The installation of equipment, machinery or infrastructure works will be allowed in areas of existing easements or in previously built or impacted areas, with the exception of environmental monitoring or sampling equipment that is not subject to this restriction;

Submitted By:

Istra Hernández Cabán, RA, AIA
License #7399

Date: _3_ of _March___, 2023

Attachment VI: Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)

DEPARTMENT OF

HOUSING

GOVERNMENT OF PUERTO RICO

Memorandum to File

Date: APR/8/2025

Plan. Laredo Gonzalez, MP. PPL

Digitally signed by Plan. Laredo Gonzalez, MP. PPL
DN: cn=Plan. Laredo Gonzalez, MP. PPL, o=GRA, ou=GRA, email=eco.landscape.pr@gmail.com, c=US
Date: 2025.04.08 15:14:00 -04'00'

From: Plan. Laredo Gonzalez
Grant Number: B-17-DM-72-0001
B-18-DP-72-0001
B-19-DP-78-0002
B-18-DE-72-0001
HUD Program: Community Development Block Grant – Disaster Recovery (CDBG-DR)
Puerto Rico Department of Housing

Application Number: PR-CRP-000935
Project: Escambrón Skate Park at Parque Tercer Milenio

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-CRP-000935 under the Community Development Block Grant – Disaster Recovery (CDBG-DR) Program, administered by the Puerto Rico Department of Housing (**PRDOH**), to complete the property's contamination analysis in accordance with 24 C.F.R. § 50.3(i) and 24 C.F.R. § 58.5(i), the PRDOH determined that testing the property's radon levels is infeasible and impracticable.

Per the U.S. Department of Housing and Urban Development's (**HUD**) CPD Notice 23-103, the recommended best practices and alternative options for radon testing are infeasible and impracticable in this case due to the following reason[s]:

- As required by the CPD Notice 23-103, the scientific data reviewed in lieu of testing must consist of a minimum of ten documented test results over the previous ten years. If there are less than ten documented results over this period, it is understood that there is a lack of scientific data. The latest report for radon testing in Puerto Rico was prepared in 1995 by the U.S. Department of the Interior in Cooperation with the U.S. Environmental

Protection Agency. No other completed studies and reports on radon testing are available in Puerto Rico.

- There is no available science-based or state-generated information for Puerto Rico for the last ten years that can be used to determine whether the project site is in a high-risk area. The Department of Health and Human Services, Centers for Disease Control and Prevention (**CDC**), National Environmental Public Health Tracking, and Radon Testing map do not include Puerto Rico data.

- There are only two (2) licensed professionals in Puerto Rico who can conduct radon testing using the American National Standards Institute/American Association of Radon Scientists and Technologists (**ANSI/AARST**) testing standards, which makes it difficult, time-consuming, and highly expensive to coordinate and secure a site visit for the contamination evaluation.

- Do-it-yourself (**DIY**) radon test kits are known to be unreliable in assuring and controlling the quality of the test results; they are not readily available in Puerto Rico, and the cost and time required for purchasing and sending them for analysis are unreasonable when weighed against the results' reliability and the need for prompt results.

- Local authorities in Puerto Rico do not have the specialized radon monitoring equipment or trained staff needed to conduct the radon testing analysis and ensure proper quality control and quality assurance practices are adhered to. We also do not have a radiation laboratory certified for radon testing.

As part of the evaluation for this determination, PRDOH informed that information requests were sent to six (6) local agencies at the state and federal levels. PRDOH received responses from the following agencies:

- United States Geological Survey;
- Centers for Disease Control and Prevention;
- Puerto Rico Department of Health; and
- United States Environmental Protection Agency.

The agencies mentioned above confirmed the lack of scientific data on Radon testing for Puerto Rico and the technical difficulties that we face to comply with HUD's Radon testing requirement. For the above-

mentioned reasons, Radon testing is infeasible and impracticable for this property, and no further consideration of Radon is needed for the environmental review.

Radon
Attachments

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Mrs. Carmen R. Guerrero Pérez
Director
Caribbean Environmental Protection Division
City View Plaza II – Suite 7000
#48 Rd. 165 km. 1.2
Guaynabo, PR 00968-8069

Via email: guerrero.carmen@epa.gov

RE: Request for information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Policies and guidelines – Information on any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – If available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:
Mr. Oleg Povetkin, Povetkin.Oleg@epa.gov
Mr. Matthew Lavitt, lavitt.matthew@epa.gov

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Dr. Silvina Cancelos
Professor
College of Engineering
University of Puerto Rico – Mayagüez Campus
259 Norte Blvd. Alfonso Valdés Cobián
Mayagüez, Puerto Rico

Via email: silvina.cancelos@upr.edu

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Barbosa Ave. #606, Building Juan C. Cordero Dávila, Río Piedras, PR 00918 | PO Box 21365 San Juan, PR 00928-1365
Tel. (787) 274-2527 | www.vivienda.pr.gov

CDBG-DR/MIT Program
Request for information in relation with HUD CPD-23-103 for Puerto Rico
Page 2 / 3

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Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:
Dr. Carlos Marti, carlos.marti3@upr.edu

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Dr. Jessica Kramy
Director
Office of Island Affairs
U.S. Centers for Disease Control and Prevention
1324 C8 Canada, San Juan, 00920
Guaynabo, PR 00968-8069

Via email: CIA@cdc.gov

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Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Mrs. Anaís Rodríguez
Secretary
Puerto Rico Department of Natural Resources
Carretera 8838, km. 6.3, Sector El Cinco,
Río Piedras San Juan, PR 00926

Via email: anais.rodriguez@drna.pr.gov

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CDBG-DR/MIT Program
Request for Information in relation with HUD CPD-23-103 for Puerto Rico
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Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:
Mr. Luis Márquez, secretariajoint@drna.pr.gov
Eng. Amarilys Rosario, ajer@drna.pr.gov
Mrs. Eliá Ortega, sortega@drna.pr.gov

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Dr. Carlos R. Mellado López
Secretary
Puerto Rico Department of Health
PO Box 70184
San Juan, PR 00936-8184

Via email: drcarlos.mellado@salud.pr.gov

RE: Request for information regarding available data on radon testing and levels within Puerto Rico

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Historical data – If available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:
Mr. Raúl Hernández Dobles, rhernandez@salud.pr.gov

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

Mrs. Holly Weyers
Regional Director, Southeast – Puerto Rico
US Geological Survey
3916 Sunset Ridge Road
Raleigh, NC 27607

Via email: hweyers@usgs.gov

RE: Request for information regarding available data on radon testing and levels within Puerto Rico

The Puerto Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radon testing in Puerto Rico, as this information is crucial for our compliance with the U.S. Department of Housing and Urban Development (HUD) Community Planning and Development (CPD) Notice CDP-23-103.

This Notice emphasizes the importance of radon testing and mitigation in ensuring safe living environments, particularly in HUD-assisted properties. PRDOH, as the grantee of the Community Development Block Grant for Disaster Recovery and Mitigation (CDBG-DR/MIT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs. To fulfill our obligations under this Notice, we must compile comprehensive and up-to-date information on radon levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

Specifically, we are seeking for possible availability of the following information:

Radon testing data – Results from radon testing conducted within your agency's purview, including details on location, testing methods, and recorded radon levels.

Reports and assessments – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or mitigation.

Barbosa Ave. #606, Building Juan C. Cordero Dávila, Río Piedras, PR 00918 | PO Box 21365 San Juan, PR 00928-1365
Tel. (787) 274-2527 | www.vivienda.pr.gov

CDBG-DR/MIT Program
Request for information in relation with HUD CPD-23-103 for Puerto Rico
Page 2 / 2

Policies and guidelines – Information or any policy, guideline, or protocol your agency follows concerning radon testing, exposure limits, or mitigation.

Historical data – If available, historical data or trends in radon levels within the regions you monitor that may impact HUD-assisted housing.

This information is vital to ensure that our radon management strategies are practical and compliant with federal requirements. If some of this information may be sensitive or confidential, we are prepared to discuss any necessary agreements or protocols for sharing this data securely.

Please let us know if you require additional details or have any questions regarding this request. We would greatly appreciate your response by September 15, 2024, so we can incorporate this data into our ongoing compliance efforts.

Thank you in advance for your cooperation and support. We look forward to working together on this critical initiative.

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:
Mr. R. Randall Schumann, rschumann@usgs.gov

From: Charp, Paul (CDC/NCEH/DEHSP) <pac4@cdc.gov>
Sent: Tuesday, September 3, 2024 6:36 AM
To: Miranda, Sandra (CDC/PHIC/DPS); Irizarry, Jessica (CDC/PHIC/DPS); Rzeszotarski, Peter (CDC/NCEH/DEHSP); Vinson, D. Aaron (CDC/NCEH/DEHSP)
Cc: Kostak, Liana (CDC/PHIC/DPS); Vazquez, Germaine (CDC/NCEH/DEHSP)
Subject: RE: REHi: Puerto Rico Request for Information- Randon testing and levels

Good morning, Sandra and others,

In response to the request from Mr. William Rodriguez of the Department of Housing, Government of Puerto Rico, I have reviewed all the available data within the CDC National Environmental Public Health Tracking Network system for data related to radon in Puerto Rico. In addition to the tracking data available on the internet, I also reached out to Mr. Aaron Vinson of the NCEH Tracking Branch.

I was not able to find any data in the CDC systems and this was confirmed by Mr. Vinson. We also reached out the US Environmental Protection Agency who indicated they had no radon data in their systems. Please relay this information to Mr. Rodriguez in your response to his requests

If you have any additional questions, please contact me.

Thank you and best regards,

Paul A. Charp, Ph.D., Fellow, HPS
Senior Health Physicist
Emerging Environmental Hazards and Health Effects Branch (EEHHEB)
Division of Environmental Health Science and Practice (DEHSP)
National Center for Environmental Health (NCEH)
Centers for Disease Control and Prevention (CDC)
pcharp@cdc.gov
770-488-0723 office
404.388.0614 Cell



From: Schumann, R. Randall <rschumann@usgs.gov>
Sent: Wednesday, August 21, 2024 4:39 PM
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>; Weyers, Holly S <hsweyers@usgs.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>
Subject: RE: Request for Information- Radon testing and levels

Dear Ms. Medina Smaine,

In the early 1990s the U.S. Geological Survey (USGS) conducted geologic assessments of radon potential for all 50 states and the territories of Guam and Puerto Rico, in collaboration with the U.S. EPA. I conducted the geologic radon potential assessment for Puerto Rico. The PDF file of the report is too large to attach to this message but it can be obtained at https://pubs.usgs.gov/of/1993/0292k/report.pdf. The USGS did not conduct indoor radon testing and we did not conduct field studies associated with this assessment; it was based on existing data. Mr. David Saldana of the Puerto Rico Department of Health kindly provided us with data for 610 homes that were tested for indoor radon by his agency between 1993 and 1995, which are summarized in the report. I am not aware of any other radon-related geologic studies conducted in the Commonwealth of Puerto Rico by the U.S. Geological Survey.

Best regards,

R. Randall Schumann
Scientist Emeritus
U.S. Geological Survey
Geosciences and Environmental Change Science Center
Denver, Colorado, USA
rschumann@usgs.gov
https://www.usgs.gov/staff-profiles/r-randall-schumann

From: Raul Hernandez Doble <rhernandez2@salud.pr.gov>
Sent: Wednesday, August 21, 2024 2:13:31 PM
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>; Dr. Carlos Mellado <drcarlos.mellado@salud.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Mayra Toro Tirado <mtoro@salud.pr.gov>
Subject: RE: [EXTERNAL]Request for Information- Randon testing and levels

Good afternoon. Ms. Medina

I regret to inform that we do not have any recent information on radon testing, since we do not have a certified radiation laboratory certified for radon testing. There are companies that sell test kits available online that can be done and mailed to a testing laboratory. There are also lists of radon contractors and these companies that process radon testing cartridges with instructions, on the Environmental Protection Agency Indoor air Quality web page. The last radon study in Puerto Rico done by the PR Department of Health was done on the year 1993.

Raul Hernandez Doble
Director, Seccion Salud Radiologica
Division de Salud Ambiental
Secretaria Auxiliar para la Vigilancia y la Proteccion de la Salud Publica
rhernandez2@salud.gov.pr
Phone: (787)765-2929 ext. 3210

From: Reyes, Brenda <Reyes.Brenda@epa.gov>
Sent: Wednesday, September 18, 2024 11:48 AM
To: Cesar O Rodriguez Santos <cesarrodriguez@drna.pr.gov>; Maritza Rosa Olivares <maritzarosaolivares@drna.pr.gov>; Silvina Cancelos Mancini <silvina.cancelos@upr.edu>; Melanie Medina Smaine <mmedina@vivienda.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Povetko, Oleg (he/him/his) <Povetko.Oleg@epa.gov>
Subject: RE: Request for Information- Randon testing and levels

Saludos.

La EPA esta trabajando una respuesta a su petición. Se sometió borrador a la directora y el subdirector para su aprobación y firma.

Brenda Reyes Tomassini
Public Affairs
U.S. EPA
Region 2
Caribbean Environmental Protection Division
(787) 977-5869/(787) 977-5865
Mobile: 202-834-1290

From: Silvina Cancelos Mancini <silvina.cancelos@upr.edu>
Sent: Friday, September 6, 2024 15:04
To: Melanie Medina Smaine <mmedina@vivienda.pr.gov>
Cc: Elaine Dume Mejia <Edume@vivienda.pr.gov>; Luz S Colon Ortiz <Lcolon@vivienda.pr.gov>; Aldo A. Rivera-Vazquez <aarivera@vivienda.pr.gov>; Maritza Rosa Olivares <maritzarosaolivares@drna.pr.gov>; Reyes, Brenda <Reyes.Brenda@epa.gov>; Povetko, Oleg <Povetko.Oleg@epa.gov>
Subject: Re: Request for Information- Randon testing and levels

Estimada Melanie Medina
Quería dejarle saber que recibimos su correo el 21 de agosto al igual que el de Maritza Rosa el pasado 4 de septiembre. Ya las personas involucradas de EPA, junto conmigo y el Dr. Marín estamos al tanto del asunto y estamos trabajando para poder enviarles la información.

Atentamente

Silvina Cancelos
Professor
Associate Director
Mechanical Engineering Department
University of Puerto Rico - Mayaguez
Call BOX 9000 Mayaguez PR 00680
Tel: 787-832-4040 ext 5956
email: silvina.cancelos@upr.edu



Bubble Dynamics Lab
University of Puerto Rico - Mayaguez

EPA REGION 2
CARIBBEAN ENVIRONMENTAL PROTECTION DIVISION

September 23, 2024

VIA EMAIL

William O. Rodriguez Rodriguez, Esq.
Secretary
Puerto Rico Department of Housing
Barbosa Ave. 606 Building Juan C. Cordero
San Juan, PR 00917
Email: W.Rodriguez@vivienda.pr.gov

RE: EPA Response to August 20, 2024 request for information of data on radon testing and levels in Puerto Rico

Dear Honorable Secretary Rodriguez Rodriguez:

This communication is in response to your letter of August 20, 2024 addressed to the Puerto Rico Department of Natural and Environmental Resources (DNER) and referred to the U.S. Environmental Protection Agency (EPA) regarding available data on radon testing and levels within Puerto Rico.

EPA's National Radon Action Plan 2021–2025 sets a goal for the nation to find, fix and prevent high indoor radon levels in 8 million buildings by 2025 and prevent 3,500 lung cancer deaths per year. Under this Plan, leaders from across multiple sectors are working together to plan, guide, and sustain nationwide action to prevent exposure to radon.

Due to the lack of data in Puerto Rico, EPA undertook an investigation in collaboration with the University of Puerto Rico-Mayaguez (UPRM) Campus, Departments of Civil Engineering and Surveying and Mechanical Engineering, to find out if radon presented a problem in Puerto Rico. Up until 2021, the only data we had for Puerto Rico was a 1993-1995 mail-in radon screening study referred to by the U.S. Geological Survey report (USGS, 1995) in which the USGS concluded that several areas of Puerto Rico have the geologic potential to generate indoor radon levels exceeding the EPA Action Level of 4 pCi/L (picocuries per liter), perhaps locally reaching very high levels above 50 pCi/L, if a house construction and ventilation allow for soil-gas radon to enter and concentrate within the structure.[1] According to the USGS report, most of these areas are located in the northwest part of the island. Please note that the actual 1993-1995 study documentation is not available to the EPA.

Typical radon testing technology used in mainland United States (charcoal canisters or electric-powered devices) are impractical in Puerto Rico because of high humidity and power outages. The recovery and rebuilding of communities following the aftermath of 2017 Hurricanes Irma and Maria presented an opportunity to develop radon prevention and mitigation strategies in 2019. Initially, EPA sampled indoor radon air in over 170 single-family residences in the municipalities of San Sebastian, Lares, Ciales, Arecibo, Morovis, Camuy, and Hatillo and later expanded the project to other municipalities such as Rincon, Aguada, Aguadilla, Isabela, Quebradillas, Barceloneta and Vega Baja. The quality assurance protocols were anchored in American National Standards Institute/American Association of Radon Scientists and Technologists (ANSI/AARST) standards of practice (ANSI/AARS, 2019). The sampling was designed in two stages: scoping and confirmatory sampling. The scoping sampling was conducted using Corentium Home (CH) electronic monitors and E-Perm systems. Locations measuring above the EPA Action Level of 4 pCi/L with CH were measured at the second stage of the sampling using RAD7 and Corentium Pro Continuous Radon Monitors (CRMs). Nationally certified radon sampling professionals led by one such professional from the UPRM conducted confirmatory sampling in the second stage. Also, during the study, the nationally certified radon mitigation professionals inspected several homes with elevated indoor radon levels.

Mapping radon in Puerto Rico proved to be a complicated endeavor given the COVID-19 pandemic in 2020. EPA and UPRM continue to work on the project, however, results have not been finalized, and no scientific report has been published yet. Unfortunately, EPA cannot share preliminary data at this time because it contains privileged information. Nevertheless, preliminary data from the study does show homes with levels over 4 pCi/L (EPA Action Level) that might need mitigation to protect the health of their inhabitants.

Although many states have developed laws and regulations governing radon disclosure, certification, and mitigation, Puerto Rico lacks legislation or mandatory radon testing provisions for new construction, remodeling, selling or buying homes. Given this loophole and aiming to answer your request, the EPA can provide information on Best Management Practices for sampling indoor radon in Puerto Rico.

[1] **Reference**: USGS. Geologic Radon Potential of Guam and Puerto Rico. Report 93-292-K. Washington, DC: USGS. Retrieved 9/11/2024, from https://pubs.usgs.gov/of/1993/0292k/report.pdf.

CITY VIEW PLAZA II BUILDING, 7TH FLOOR
ROUTE 165 GUAYNABO, PR 00968

If you have any questions or need any additional information, please contact me at 787-977-5865 or guerrero.carmen@epa.gov or have your staff contact Reyes, Brenda at reyes.brenda@epa.gov or (787) 977-5869.

Sincerely,

CARMEN GUERRERO PEREZ

Digitally signed by CARMEN GUERRERO PEREZ
Date: 2024.09.23 09:47:39 -04'00'

Carmen R. Guerrero Pérez
Director

cc: Roberto Mendez, Esq (Acting Secretary, PR Department of Natural and Env. Resources)
Melany Medina: mmedina@vivienda.pr.gov
Elaine Dume Mejia: Edume@vivienda.pr.gov
Luz S Colon Ortiz: Lcolon@vivienda.pr.gov
Aldo A. Rivera-Vazquez: aarivera@vivienda.pr.gov
Cesar O. Rodriguez: cesarrodriguez@drna.pr.gov
Marita Rosa Olivares: maritarosaolivares@drna.pr.gov

Field Visit Checklist & Site Evaluation

Project Name:	CRP-000935 Escambrón Skate Park @ Parque Tercer Milenio			Latitude:		18.4663	
First Name:	LAREDO	Last Name:	GONZALEZ	Longitude:		-66. 0880	
Street Address:	Ponce de León Avenue, Parque del Tercer Milenio			Apt/Suite:		----	
City:	San Juan			State:	PR	Zip:	----
Date of Visit:	21 March 2023		Field Visit Conducted By:		LAREDO GONZALEZ		

EXISTING ENVIRONMENTAL CONDITIONS ON & AROUND SITE

Levee/Flood Control Structures (Levees, T-walls, pumping stations, etc.)

	Site Specific	Area
Observations	NO	N/A

Toxic Chemicals & Radioactive Materials

Petroleum or Chemical Storage

	Site Specific	Area
Is there any evidence or indication of an underground storage tank (UST) may be located on site?	NO	N/A
If yes, are they in use?	N/A	N/A
Are there any out-of-service underground fuel tanks?	NO	N/A
Is there any evidence that any AST on the property are leaking?	NO	N/A

Polychlorinated Biphenyls (PCB):

	Site Specific	Area
Is there any evidence or indication of leaking electrical equipment (transformer - ground or pole mounted, capacitor, or hydraulic equipment) present on site?	NO	N/A

Hazardous Operations

	Site Specific	Area
Is there any evidence of manufacturing operations utilizing or producing hazardous substances at or in close proximity to the site?	NO	N/A
Is there any evidence or indication that past operations located on or in close proximity to the property used hazardous substances or radiological materials that may have been released into the environment?	NO	N/A

Notes/Observations:

This area of the Parque del Tercer Milenio includes portions of an existing Ball Park and a corridor parallel to the running track, from the Ball Park to the east side exit.. The site contains paved areas, green (planting areas), structures (two concrete stands with dugouts) to be demolished and urban furniture (benches, light poles, etc.) (No ASTM ESA Phase I study was supplied to the preparer. The observations above are only descriptive and should not be used in lieu of a formal ASTM ESA Phase I study)

ESCAMBRON SKATE PARK

December 4, 2021



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SAN JUAN
CIUDAD CAPITAL

PICT 1



PICT 2



PICT 3



PICT 4



PICT 5



PICT 6



PICT 7



PICT 8



PICT 9



PICT 10



PICT 11



PICT 12



PICT 13



PICT 14



PICT 15



PICT 16



PICT 17



PICT 18



PICT 19



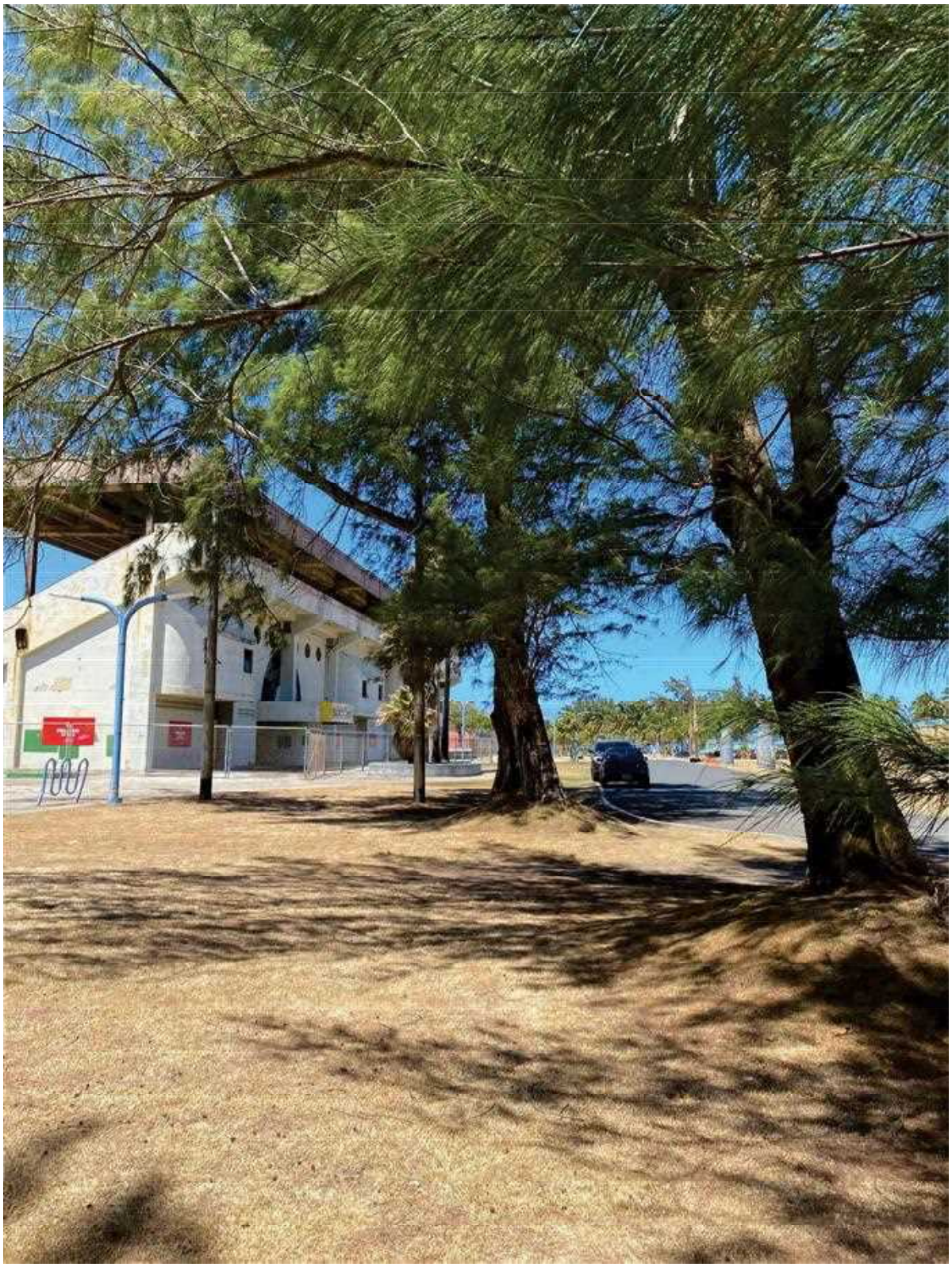
PICT 20



PICT 21



PICT 22



PICT 23



PICT 24



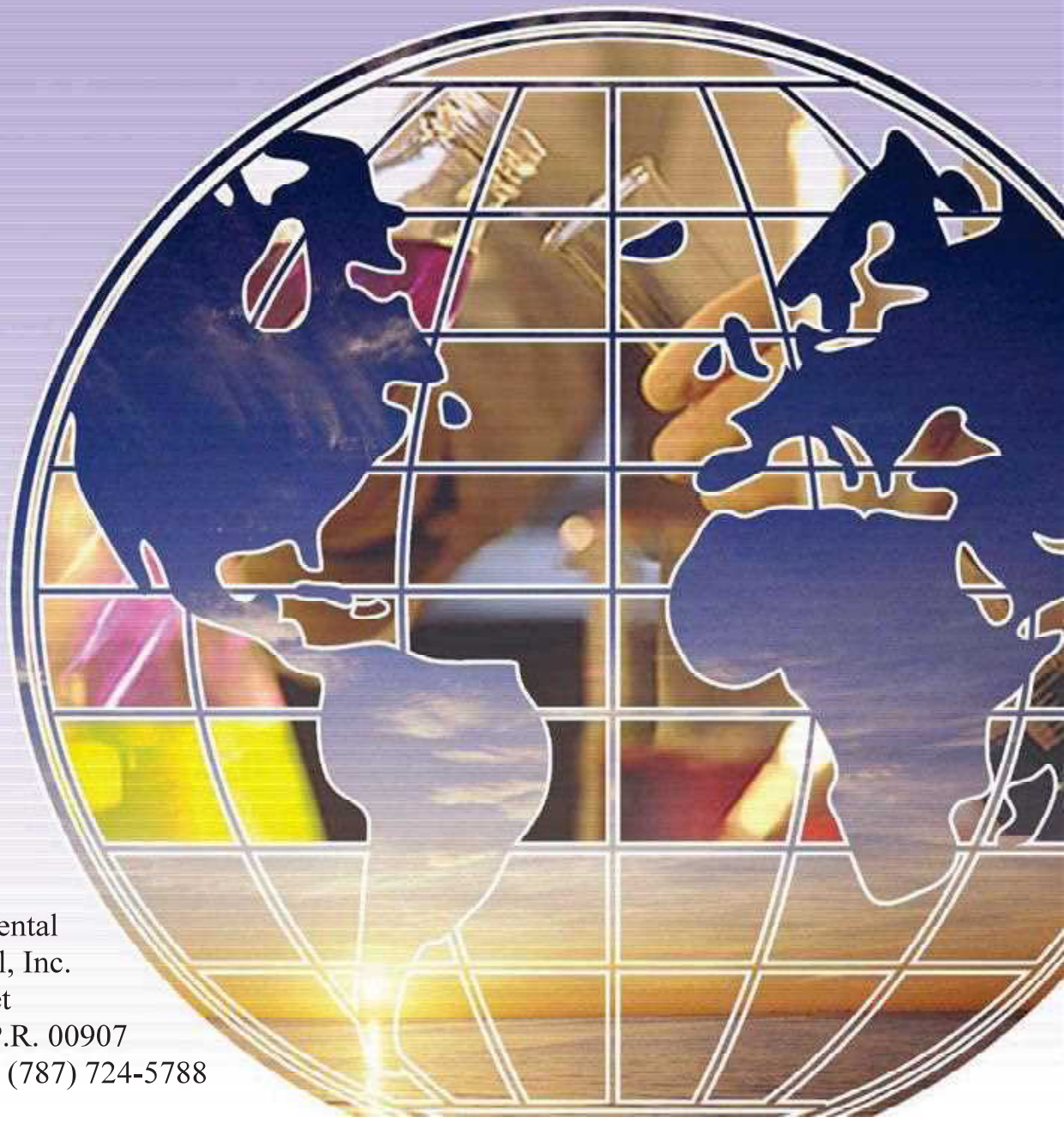
PICT 25



PICT 26



ENVIRONMENTAL SURVEY
FOR
LEAD BASED PAINT (LBP)
AND
ASBESTOS CONTAINING MATERIALS (ACM)
FOR
SELECTIVE AREAS OF
PARQUE TERCER MILENIO
SAN JUAN, PUERTO RICO



Prepared For:
Hernandez & Bauza

November 2022

Prepared By:

Analytical Environmental
Services International, Inc.
611 Monserrate Street
2nd Floor, Santurce, P.R. 00907
(787) 722-0220 / Fax (787) 724-5788

AES International Inc.

LEAD



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APPENDIX II - XRF Data

APPENDIX III - Selective Photos of LBP Components

APPENDIX IV - Floor Plan with Distribution of LBP Components

I. SUMMARY

Analytical Environmental Services International, Inc. (AES International) was contracted to perform an LBP survey for selective areas of baseball park and bleachers structure of Parque Tercer Milenio located on Luis Muñoz Rivera Avenue, San Juan, Puerto Rico.

The LBP inspection was conducted on 9/21, 9/22 and 11/8/2022 by Elme Rivera and Javier Medina, DRNA certified LBP risk assessor and inspector. The following components were found to be painted with LBP:

Bleachers Area

Exterior

Small Bench

Area under floating bench	Ceramic	Orange	140 sq.ft

Interior

1st Level

Bathroom 1

Lower Wall A	Ceramic	White	
Lower Wall B	Ceramic	White	156 sq.ft
Lower Wall C	Ceramic	White	
Lower Wall D	Ceramic	White	
Toilet Valve	Metal	Gray	1 unit

Bathroom 2 Hallway

Lower Wall A	Ceramic	White	
Lower Wall B	Ceramic	White	516 sq.ft
Lower Wall C	Ceramic	White	
Lower Wall D	Ceramic	White	

Bathroom 3

Lower Wall A	Ceramic	White	
Lower Wall B	Ceramic	White	516 sq.ft
Lower Wall C	Ceramic	White	
Lower Wall D	Ceramic	White	

Bathroom 4				
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	164 sq.ft
	Lower Wall D	Ceramic	White	
	Divisory Wall	Ceramic	White	
Bathroom 5				
	Lower Wall A	Ceramic	White	
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	170 sq.ft
	Lower Wall D	Ceramic	White	
	Toilet Valve	Metal	Gray	1 unit
Bathroom 6				
	Lower Wall A	Ceramic	White	
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	170 sq.ft
	Lower Wall D	Ceramic	White	
	Toilet Valve	Metal	Gray	1 unit
Bathroom 7				
	Lower Wall A	Ceramic	White	
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	170 sq.ft
	Lower Wall D	Ceramic	White	
	Toilet Valve	Metal	Gray	1 unit
Bathroom 8				
	Lower Wall A	Ceramic	White	
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	520 sq.ft
	Lower Wall D	Ceramic	White	
	Toilet Valve	Metal	Gray	1 unit
Bathroom 9				
	Lower Wall A	Ceramic	White	
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	520 sq.ft
	Lower Wall D	Ceramic	White	
Bathroom 10				
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	164 sq.ft
	Lower Wall D	Ceramic	White	
	Toilet Valve	Metal	Gray	1 unit
Room 5				
	Janitor Sink	Ceramic	White	1 unit

Lockers 1				
	Lower Wall A	Ceramic	White	1,700 sq.ft including showers
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	
	Lower Wall D	Ceramic	White	
	Divisory Walls	Ceramic	White	
	Toilet Valve	Metal	Gray	6 units
	Shower Area			
	Lower Wall A	Ceramic	White	
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	
	Lower Wall D	Ceramic	White	
Lockers 2				
	Lower Wall A	Ceramic	White	1,700 sq.ft including showers
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	
	Lower Wall D	Ceramic	White	
	Toilet Valve	Metal	Gray	8 units
	Shower Area			
	Lower Wall A	Ceramic	White	
	Lower Wall B	Ceramic	White	
	Lower Wall C	Ceramic	White	
	Lower Wall D	Ceramic	White	

If demolition, or renovation activities, will be conducted in the nearest future it is required to remove all LBP materials to be demolished, or affected, prior to performance of said activities, or use appropriate lead safe working practices.

1.0 INTRODUCTION

Analytical Environmental Services International, Inc. (AES International) was contracted to perform a survey for selective areas of baseball park and bleachers structure of Parque Tercer Milenio located on Luis Muñoz Rivera Avenue, San Juan, Puerto Rico.

The LBP inspection was conducted on 9/21, 9/22 and 11/8/2022 by Elme Rivera and Javier Medina, DRNA certified LBP risk assessor and inspector. The credentials of AESI are attached in Appendix I. The survey, performed with an XRF instrument manufactured by Heuresis, Model Pb200i, was conducted using HUD protocol of 1997, revised in 2012.

2.0 TESTING PROCEDURES

The testing was performed with an XRF instrument manufactured by Heuresis, Model Pb200i. The selected mode allows reference to the abatement level set at 1.0 mg/cm^2. The results are reported at 95% confidence levels.

3.0 LEAD BASED PAINT TESTING METHODOLOGY

The hazard level of lead in paint has been determined by the department of Housing & Urban development as 1.0 mg/cm^2, as measured by XRF, or AAS (Atomic Absorption Spectroscopy), or 0.5% be weight (or 5000 ppm) as measured by AAS, or Inductive Coupled Plasma (ICP). The same level was adopted by EPA regulations published in 1992, under Title X.

The only lead-based paint testing protocol officially available at this time was published by HUD initially in 1990, revised in 1991 and finalized in 1995 (see above HUD reference). A revised chapter 7 was published in 1997. In accordance to the new protocol, almost all surfaces present in the units have to be tested. The above guidelines were used to perform lead based-paint testing for this project.

The main steps involved in a single-family inspection are:

1. Perform inventory of all testing combinations
2. Select painted area to be tested
3. Perform XRF testing (including calibration checks)
4. Collect and analyze paint chip samples, for inconclusive results.
5. Classify XRF and paint chips results
6. Review and evaluate the data
7. Report findings

AES International personnel classify each XRF lead reading as positive, negative, or inconclusive. This classification is based on manufacturer XRF performance characteristic sheet (PCS), for each substrate. Samples and/or additional readings are taken from inconclusive areas. Calibration verification of the instrument was performed prior to beginning of daily task, when the instrument was turned on, and at the end of the day. The verification was conducted on a

NIST standard of 1.0 mg/cm^2. Acceptance criteria used was +-0.3 mg/cm^2. The data for calibration verification is attached in Appendix II.

One testing combination of similar components and four walls were tested for each room equivalent. The identification of tested walls is based on HUD guidelines as follow:

Wall A-entrance wall
Walls B, C, and D-sequential walls, clockwise from A.

At the completion of the testing, ten (10) surfaces were retested as to assess precision of the testing. Statistical calculations performed on test-retest results suggest that the results are within the tolerance limits and therefore acceptable.

4.0 RESULTS

4.1 Results of XRF inspection

The results of the tested components are shown in Appendix II. Six hundred and ninety-five (695) XRF readings were taken. LBP components were detected and presented herein.

5.0 CONCLUSIONS

An LBP survey for selective areas of baseball park and bleachers structure of running track Parque Tercer Milenio located on Luis Muñoz Rivera Avenue in San Juan was conducted. LBP findings were presented herein.

Some painted surfaces may contain levels of lead below 1.0 mg/cm^2, which could create lead dust, or lead contaminated soil hazards if the paint is turned into dust by abrasion, scraping, or sanding.

This report shall be kept by the owner and all future owners for the life of the buildings. A copy of the relevant report shall be given to each tenant, buyer or lessor, as to comply with federal requirements for disclosure under lead disclosure rule of 1996 (see also section 1018 of Title X). The LBP survey relates to surfaces accessible and not covered by rigid barriers. Should any hidden painted surfaces or components be present, they must be assumed as LBP.



Elme Rivera, DRNA Lead Risk Assessor
Lic#: LBPRA-19621-187

Table 1. Summary of LBP Positive Components at Parque del Tercer Milenio, San Juan, Puerto Rico.

Structure	Room	Components	Substrate	Color	Quantity
Bleachers Area					
Exterior					
	Small Bench				
		Area under floating bench	Ceramic	Orange	140 sq.ft
Interior					
1st Level					
	Bathroom 1				
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	156 sq.ft
		Lower Wall C	Ceramic	White	
		Lower Wall D	Ceramic	White	
		Toilet Valve	Metal	Gray	1 unit
	Bathroom 2 Hallway				
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	516 sq.ft
		Lower Wall C	Ceramic	White	
		Lower Wall D	Ceramic	White	
	Bathroom 3				
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	516 sq.ft
		Lower Wall C	Ceramic	White	
		Lower Wall D	Ceramic	White	
	Bathroom 4				
		Lower Wall B	Ceramic	White	
		Lower Wall C	Ceramic	White	164 sq.ft
		Lower Wall D	Ceramic	White	
		Divisory Wall	Ceramic	White	
	Bathroom 5				
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	
		Lower Wall C	Ceramic	White	170 sq.ft
		Lower Wall D	Ceramic	White	
		Toilet Valve	Metal	Gray	1 unit
	Bathroom 6				
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	
		Lower Wall C	Ceramic	White	170 sq.ft
		Lower Wall D	Ceramic	White	
		Toilet Valve	Metal	Gray	1 unit
	Bathroom 7				
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	
		Lower Wall C	Ceramic	White	170 sq.ft

Table 1. Summary of LBP Positive Components at Parque del Tercer Milenio, San Juan, Puerto Rico.

Structure	Room	Components	Substrate	Color	Quantity
		Lower Wall D	Ceramic	White	
		Toilet Valve	Metal	Gray	1 unit
	Bathroom 8				
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	
		Lower Wall C	Ceramic	White	520 sq.ft
		Lower Wall D	Ceramic	White	
		Toilet Valve	Metal	Gray	1 unit
	Bathroom 9				
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	
		Lower Wall C	Ceramic	White	520 sq.ft
		Lower Wall D	Ceramic	White	
	Bathroom 10				
		Lower Wall B	Ceramic	White	
		Lower Wall C	Ceramic	White	164 sq.ft
		Lower Wall D	Ceramic	White	
		Toilet Valve	Metal	Gray	1 unit
	Room 5				
		Janitor Sink	Ceramic	White	1 unit
	Lockers 1				
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	1,700 sq.ft
		Lower Wall C	Ceramic	White	including showers
		Lower Wall D	Ceramic	White	
		Divisory Walls	Ceramic	White	
		Toilet Valve	Metal	Gray	6 units
		Shower Area			
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	
		Lower Wall C	Ceramic	White	
		Lower Wall D	Ceramic	White	
	Lockers 2				
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	1,700 sq.ft
		Lower Wall C	Ceramic	White	including showers
		Lower Wall D	Ceramic	White	
		Toilet Valve	Metal	Gray	8 units
		Shower Area			
		Lower Wall A	Ceramic	White	
		Lower Wall B	Ceramic	White	
		Lower Wall C	Ceramic	White	
		Lower Wall D	Ceramic	White	

AES International Inc.

Appendix I



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

Analytical Environmental Services International, Inc.

611 Monserrate St. Suite 2 Santurce, PR 00907

Laboratory ID: LAP-102702

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: February 01, 2023
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: February 01, 2023
☐	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires:
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O. Morton

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision19: 09/01/2020

Date Issued: 02/28/2021

GOBIERNO DE PUERTO RICO

Departamento de Recursos Naturales y Ambientales

Este certificado es otorgado a:

AES International, nc.

Por haber cumplido con los requisitos establecidos en el Capítulo VI, Regla 127 del Reglamento para el Manejo Adecuado de Actividades de Pintura con Base de Plomo. Se le otorga esta certificación como Firma para llevar a cabo actividades relacionadas a Mitigación de Pintura con base de plomo en la Jurisdicción de Puerto Rico.

Número de Certificado

LBPF-06922-014

Fecha de emisión: Abril 6, 2022

Fecha de Expiración: Abril 5, 2023

e Juliá
Jefe
División Desperdicios Tóxicos

Lead Inspector Credentials



CERTIFICACIÓN PLOMO PUERTO RICO

Esta tarjeta autoriza a:

Javier Medina Rosa

Para realizar actividades relacionadas a Mitigación de Pintura con Base de Plomo

Disciplina: **Inspector**

Fecha de Expiración: Enero 24, 2023

Certificación #:

LBPI-01222-003

Firma Autorizada
Departamento de Recursos Naturales y Ambientales

Lead Risk Assessor Credentials



Performance Characteristic Sheet

EFFECTIVE DATE: **December 1, 2015**

MANUFACTURER AND MODEL:

Make: ***Heuresis***
Models: ***Model Pb200i***
Source: ***^{57}Co, 5 mCi (nominal – new source)***

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level mode

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

> Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.
>
> Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.
>
> <u>For each substrate type</u> (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):
>
> Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm^2
>
> Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	**Mean Reading Time (seconds)**	**Standard Deviation (seconds)**
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

AES International Inc.

Appendix II



ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
611 Monserrate Street, 2nd. Floor, Santurce, P. R. 00907

LEAD BASED PAINT TESTING DATA SHEET

Client Name: **Hernandez-Bauza, PSC,. Architects** **Date:** 9/21/22
Project Name: Bleachers Area of "Parque del Tercer Milenio" **Inspector:** Javier Medina
Address: San Juan, Puerto Rico **XRF Serial No.:** 2385

Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
1					Calibration	0.9	
2					Calibration	1.0	
3					Calibration	1.0	
4	Bleachers- 1st level	Hallway 1	Metal	Brown	Door	0.1	
5	Bleachers- 1st level	Hallway 1	Metal	Brown	Door Frame	0.2	
6	Bleachers- 1st level	Hallway 1	Concrete	Cream	Wall A	0.1	
7	Bleachers- 1st level	Hallway 1	Concrete	Cream	Wall B	0.2	
8	Bleachers- 1st level	Hallway 1	Concrete	Cream	Wall C	0.1	
9	Bleachers- 1st level	Hallway 1	Concrete	Cream	Wall D	0.2	
10	Bleachers- 1st level	Hallway 1	Concrete	Green	Beam under Stairs	0.2	
11	Bleachers- 1st level	Hallway 1	Metal	Yellow	Railing	0.2	
12	Bleachers- 1st level	Hallway 2	Concrete	Cream	Wall A	0.2	
13	Bleachers- 1st level	Hallway 2	Concrete	Cream	Wall C	0.1	
14	Bleachers- 1st level	Hallway 2	Concrete	Cream	Wall D	0.2	
15	Bleachers- 1st level	Hallway 2	Concrete	Green	Column	0.1	
16	Bleachers- 1st level	Room 1	Wood	Yellow	Door	0.2	
17	Bleachers- 1st level	Room 1	Wood	Yellow	Door Frame	0.1	
18	Bleachers- 1st level	Room 1	Concrete	Cream	Wall A	0.2	
19	Bleachers- 1st level	Room 1	Concrete	Cream	Wall B	0.2	

Date: 9/21/2022

Approved by: Ady Padan, Ph.D

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
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Address: San Juan, Puerto Rico **XRF Serial No.:** 2385

Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
20	Bleachers- 1st level	Room 1	Concrete	Cream	Wall C	0.1	
21	Bleachers- 1st level	Room 1	Concrete	Cream	Wall D	0.2	
22	Bleachers- 1st level	Room 1	Concrete	Cream	Baseboard	0.1	
23	Bleachers- 1st level	Hallway 3	Concrete	Cream	Wall A	0.1	
24	Bleachers- 1st level	Hallway 3	Concrete	Cream	Wall B	0.2	
25	Bleachers- 1st level	Hallway 3	Concrete	Cream	Wall C	0.1	
26	Bleachers- 1st level	Hallway 3	Concrete	Cream	Wall D	0.2	
27	Bleachers- 1st level	Room 2	Wood	Yellow	Door	0.2	
28	Bleachers- 1st level	Room 2	Wood	Yellow	Door Frame	0.1	
29	Bleachers- 1st level	Room 2	Concrete	Cream	Wall A	0.1	
30	Bleachers- 1st level	Room 2	Concrete	Cream	Wall B	0.2	
31	Bleachers- 1st level	Room 2	Concrete	Cream	Wall C	0.2	
32	Bleachers- 1st level	Room 2	Concrete	Cream	Wall D	0.1	
33	Bleachers- 1st level	Room 2A	Wood	Yellow	Door	0.1	
34	Bleachers- 1st level	Room 2A	Wood	Yellow	Door Frame	0.2	
35	Bleachers- 1st level	Room 2A	Concrete	Cream	Wall A	0.2	
36	Bleachers- 1st level	Room 2A	Concrete	Cream	Wall B	0.1	
37	Bleachers- 1st level	Room 2A	Concrete	Cream	Wall C	0.2	
38	Bleachers- 1st level	Room 2A	Concrete	Cream	Wall D	0.1	

Date: 9/21/2022

Approved by: Ady Padan, Ph.D

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
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LEAD BASED PAINT TESTING DATA SHEET

Client Name: **Hernandez-Bauza, PSC,. Architects** **Date:** 9/21/22
Project Name: Bleachers Area of "Parque del Tercer Milenio" **Inspector:** Javier Medina
Address: San Juan, Puerto Rico **XRF Serial No.:** 2385

Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
39	Bleachers- 1st level	Bathroom 1	Wood	Yellow	Door	0.2	
40	Bleachers- 1st level	Bathroom 1	Wood	Yellow	Door Frame	0.1	
41	Bleachers- 1st level	Bathroom 1	Concrete	Cream	Upper Wall A	0.1	
42	Bleachers- 1st level	Bathroom 1	Concrete	Cream	Upper Wall B	0.2	
43	Bleachers- 1st level	Bathroom 1	Concrete	Cream	Upper Wall C	0.1	
44	Bleachers- 1st level	Bathroom 1	Concrete	Cream	Upper Wall D	0.2	
45	Bleachers- 1st level	Bathroom 1	Ceramic	White	Lower Wall A	**7.2**	
46	Bleachers- 1st level	Bathroom 1	Ceramic	White	Lower Wall B	**7.6**	
47	Bleachers- 1st level	Bathroom 1	Ceramic	White	Lower Wall C	**7.6**	
48	Bleachers- 1st level	Bathroom 1	Ceramic	White	Lower Wall D	**7.6**	
49	Bleachers- 1st level	Bathroom 1	Ceramic	Green	Baseboard	0.2	
50	Bleachers- 1st level	Bathroom 1	Ceramic	Green	Floor	0.1	
51	Bleachers- 1st level	Bathroom 1	Ceramic	White	Sink	0.1	
52	Bleachers- 1st level	Bathroom 1	Ceramic	White	Toilet	0.2	
53	Bleachers- 1st level	Bathroom 1	Metal	Gray	Toilet Valve	**15.7**	
54	Bleachers- 1st level	Lobby 1	Metal	Yellow	Door	0.2	
55	Bleachers- 1st level	Lobby 1	Metal	Yellow	Door Frame	0.1	
56	Bleachers- 1st level	Lobby 1	Concrete	Gray	Wall A	0.2	
57	Bleachers- 1st level	Lobby 1	Concrete	Cream	Wall B	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
58	Bleachers- 1st level	Lobby 1	Concrete	Cream	Wall C	0.2	
59	Bleachers- 1st level	Lobby 1	Concrete	Cream	Wall D	0.1	
60	Bleachers- 1st level	Lobby 1	Concrete	Green	Column	0.2	
61	Bleachers- 1st level	Bathroom 2, Hall	Concrete	Cream	Wall B	0.2	
62	Bleachers- 1st level	Bathroom 2, Hall	Concrete	Cream	Wall D	0.1	
63	Bleachers- 1st level	Bathroom 2, Hall	Concrete	Cream	Wall C	0.2	
64	Bleachers- 1st level	Bathroom 2	Metal	Yellow	Door Frame	0.2	
65	Bleachers- 1st level	Bathroom 2	Concrete	Cream	Upper Wall A	0.2	
66	Bleachers- 1st level	Bathroom 2	Concrete	Cream	Upper Wall B	0.1	
67	Bleachers- 1st level	Bathroom 2	Concrete	Cream	Upper Wall C	0.2	
68	Bleachers- 1st level	Bathroom 2	Concrete	Cream	Upper Wall D	0.1	
69	Bleachers- 1st level	Bathroom 2	Ceramic	White	Lower Wall A	**6.5**	
70	Bleachers- 1st level	Bathroom 2	Ceramic	White	Lower Wall B	**6.5**	
71	Bleachers- 1st level	Bathroom 2	Ceramic	White	Lower Wall C	**6.5**	
72	Bleachers- 1st level	Bathroom 2	Ceramic	White	Lower Wall D	**6.3**	
73	Bleachers- 1st level	Bathroom 2	Ceramic	White	Floor	0.1	
74	Bleachers- 1st level	Bathroom 2	Ceramic	White	Baseboard	0.2	
75	Bleachers- 1st level	Bathroom 2	Ceramic	White	Sink (7)	0.2	
76	Bleachers- 1st level	Bathroom 2	Ceramic	White	Toilet (4)	0.2	

Date: 9/21/2022

Approved by: Ady Padan, Ph.D

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
611 Monserrate Street, 2nd. Floor, Santurce, P. R. 00907

LEAD BASED PAINT TESTING DATA SHEET

Client Name: **Hernandez-Bauza, PSC,. Architects** **Date:** 9/21/22
Project Name: Bleachers Area of "Parque del Tercer Milenio" **Inspector:** Javier Medina
Address: San Juan, Puerto Rico **XRF Serial No.:** 2385

Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
77	Bleachers- 1st level	Bathroom 2	Ceramic	White	Urinal (4)	0.1	
78	Bleachers- 1st level	Bathroom 2	Concrete	White	Ceiling	0.2	
79	Bleachers- 1st level	Lobby 1	Ceramic	Green	Floor	0.1	
80	Bleachers- 1st level	Lobby 1	Ceramic	Green	Baseboard	0.2	
81	Bleachers- 1st level	Room 6	Metal	Yellow	Door	0.2	
82	Bleachers- 1st level	Room 6	Metal	Yellow	Door Frame	0.2	
83	Bleachers- 1st level	Room 6	Concrete	Cream	Wall A	0.2	
84	Bleachers- 1st level	Room 6	Concrete	Cream	Wall B	0.1	
85	Bleachers- 1st level	Room 6	Concrete	Cream	Wall C	0.1	
86	Bleachers- 1st level	Room 6	Concrete	Cream	Wall D	0.2	
87	Bleachers- 1st level	Room 6	Concrete	Green	Column	0.2	
88	Bleachers- 1st level	Lobby 1	Metal	Yellow	Exit Railing (2)	0.2	
89	Bleachers- 1st level	Lobby 1	Metal	Red	Fire Hose Box	0.1	
90	Bleachers- 1st level	Bathroom 3, Hall	Concrete	Cream	Wall B	0.2	
91	Bleachers- 1st level	Bathroom 3, Hall	Concrete	Cream	Wall B	0.2	
92	Bleachers- 1st level	Bathroom 3, Hall	Concrete	Cream	Wall C	0.1	
93	Bleachers- 1st level	Bathroom 3	Metal	Yellow	Door	0.1	
94	Bleachers- 1st level	Bathroom 3	Metal	Yellow	Door Frame	0.2	
95	Bleachers- 1st level	Bathroom 3	Concrete	Cream	Upper Wall A	0.2	

Date: 9/21/2022

Approved by: Ady Padan, Ph.D

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Client Name: **Hernandez-Bauza, PSC,. Architects** **Date:** 9/21/22
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Address: San Juan, Puerto Rico **XRF Serial No.:** 2385

Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
96	Bleachers- 1st level	Bathroom 3	Concrete	Cream	Upper Wall B	0.1	
97	Bleachers- 1st level	Bathroom 3	Concrete	Cream	Upper Wall C	0.1	
98	Bleachers- 1st level	Bathroom 3	Concrete	Cream	Upper Wall D	0.1	
99	Bleachers- 1st level	Bathroom 3	Ceramic	White	Lower Wall A	**6.5**	
100	Bleachers- 1st level	Bathroom 3	Ceramic	White	Lower Wall B	**6.5**	
101	Bleachers- 1st level	Bathroom 3	Ceramic	White	Lower Wall C	**6.5**	
102	Bleachers- 1st level	Bathroom 3	Ceramic	White	Lower Wall D	**6.5**	
103	Bleachers- 1st level	Bathroom 3	Ceramic	Green	Floor	0.1	
104	Bleachers- 1st level	Bathroom 3	Ceramic	Green	Baseboard	0.2	
105	Bleachers- 1st level	Bathroom 3	Ceramic	White	Toilet (5)	0.2	
106	Bleachers- 1st level	Bathroom 3	Ceramic	White	Sink (7)	0.2	
107	Bleachers- 1st level	Bathroom 3	Concrete	Cream	Ceiling	0.1	
108	Bleachers- 1st level	Bathroom 3	Concrete	Cream	Decorative Block	0.2	
109	Bleachers- 1st level	Room 5	Wood	Yellow	Door	0.2	
110	Bleachers- 1st level	Room 5	Wood	Yellow	Door Frame	0.2	
111	Bleachers- 1st level	Room 5	Concrete	Cream	Wall A	0.3	
112	Bleachers- 1st level	Room 5	Concrete	Cream	Wall B	0.1	
113	Bleachers- 1st level	Room 5	Concrete	Cream	Wall C	0.2	
114	Bleachers- 1st level	Room 5	Concrete	Cream	Wall D	0.1	

Date: 9/21/2022

Approved by: Ady Padan, Ph.D

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Client Name: **Hernandez-Bauza, PSC,. Architects** **Date:** 9/21/22
Project Name: Bleachers Area of "Parque del Tercer Milenio" **Inspector:** Javier Medina
Address: San Juan, Puerto Rico **XRF Serial No.:** 2385

Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
115	Bleachers- 1st level	Room 5	Ceramic	White	Janitor Sink	**5.4**	
116	Bleachers- 1st level	Room 5	Wood	Cream	Shelves Support	0.2	
117	Bleachers- 1st level	Room 5	Ceramic	Brown	Floor	0.2	
118	Bleachers- 1st level	Canteen Area	Concrete	Cream	Wall A	0.2	
119	Bleachers- 1st level	Canteen Area	Concrete	Cream	Wall B	0.1	
120	Bleachers- 1st level	Canteen Area	Concrete	Cream	Wall C	0.2	
121	Bleachers- 1st level	Canteen Area	Concrete	Cream	Wall D	0.2	
122	Bleachers- 1st level	Canteen Area	Wood	Yellow	Door	0.2	
123	Bleachers- 1st level	Canteen Area	Wood	Yellow	Door Frame	0.2	
124	Bleachers- 1st level	Canteen Area	Metal/Ceramic	White	Sink	0.2	
125	Bleachers- 1st level	Canteen Area	Ceramic	Green	Floor	0.2	
126	Bleachers- 1st level	Canteen Area	Ceramic	Green	Baseboard	0.1	
127	Bleachers- 1st level	Room 4	Wood	Yellow	Door	0.3	
128	Bleachers- 1st level	Room 4	Wood	Yellow	Door Frame	0.1	
129	Bleachers- 1st level	Room 4	Concrete	Cream	Wall A	0.2	
130	Bleachers- 1st level	Room 4	Concrete	Cream	Wall B	0.1	
131	Bleachers- 1st level	Room 4	Concrete	Cream	Wall C	0.2	
132	Bleachers- 1st level	Room 4	Concrete	Cream	Wall D	0.1	
133	Bleachers- 1st level	Room 3	Wood	Yellow	Door	0.2	

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ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
611 Monserrate Street, 2nd. Floor, Santurce, P. R. 00907

LEAD BASED PAINT TESTING DATA SHEET

Client Name: **Hernandez-Bauza, PSC,. Architects** **Date:** 9/21/22
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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
134	Bleachers- 1st level	Room 3	Wood	Yellow	Door Frame	0.1	
135	Bleachers- 1st level	Room 3	Concrete	Cream	Wall A	0.2	
136	Bleachers- 1st level	Room 3	Concrete	Cream	Wall B	0.2	
137	Bleachers- 1st level	Room 3	Concrete	Cream	Wall C	0.1	
138	Bleachers- 1st level	Room 3	Concrete	Cream	Wall D	0.1	
139	Bleachers- 1st level	Room 3	Ceramic	Gray	Floor	0.2	
140	Bleachers- 1st level	Room 4	Ceramic	Gray	Floor	0.1	
141	Bleachers- 1st level	Hallway, Stairs 3	Metal	Yellow	Door Frame	0.2	
142	Bleachers- 1st level	Hallway, Stairs 3	Concrete	Cream	Wall A	0.2	
143	Bleachers- 1st level	Hallway, Stairs 3	Concrete	Cream	Wall B	0.1	
144	Bleachers- 1st level	Hallway, Stairs 3	Concrete	Cream	Wall C	0.2	
145	Bleachers- 1st level	Hallway, Stairs 3	Concrete	Cream	Wall D	0.2	
146	Bleachers- 1st level	Stairs 3	Metal	Yellow	Handrail	0.1	
147	Bleachers- 1st level	Stairs 3	Concrete	Blue	Riser	0.2	
148	Bleachers- 1st level	Stairs 3	Concrete	Blue	Tread	0.1	
149	Bleachers- 1st level	Stairs 3	Concrete	Cream	Stringer	0.2	
150	Bleachers- 1st level	Stairs 3	Concrete	Cream	Ceiling under Stairs	0.2	
151	Bleachers- 1st level	Stairs 3	Concrete	Green	Wall under Stairs	0.2	
152	Bleachers- 1st level	Closet under Stairs	Wood	Orange	Door Frame	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
153	Bleachers- 1st level	Closet under Stairs	Concrete	Cream	Wall A	0.2	
154	Bleachers- 1st level	Closet under Stairs	Concrete	Cream	Wall B	0.1	
155	Bleachers- 1st level	Closet under Stairs	Concrete	Cream	Wall C	0.2	
156	Bleachers- 1st level	Closet under Stairs	Concrete	Cream	Wall D	0.1	
157	Bleachers- 1st level	Closet under Stairs	Ceramic	Gray	Floor	0.2	
158	Bleachers- 1st level	Lockers 1	Metal	Brown	Door	0.2	
159	Bleachers- 1st level	Lockers 1	Metal	Brown	Door Frame	0.1	
160	Bleachers- 1st level	Lockers 1	Concrete	Cream	Upper Wall A	0.2	
161	Bleachers- 1st level	Lockers 1	Concrete	Cream	Upper Wall B	0.1	
162	Bleachers- 1st level	Lockers 1	Concrete	Cream	Upper Wall C	0.1	
163	Bleachers- 1st level	Lockers 1	Concrete	Cream	Upper Wall D	0.2	
164	Bleachers- 1st level	Lockers 1	Ceramic	White	Lower Wall A	**8.2**	
165	Bleachers- 1st level	Lockers 1	Ceramic	White	Lower Wall B	**8.2**	
166	Bleachers- 1st level	Lockers 1	Ceramic	White	Lower Wall C	**8.2**	
167	Bleachers- 1st level	Lockers 1	Ceramic	White	Lower Wall D	**8.2**	
168	Bleachers- 1st level	Lockers 1	Ceramic	White	Divisory Walls	**8.2**	
169	Bleachers- 1st level	Lockers 1	Ceramic	Green	Floor	0.2	
170	Bleachers- 1st level	Lockers 1	Ceramic	Green	Baseboard	0.1	
171	Bleachers- 1st level	Lockers 1	Ceramic	White	Sink (6)	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
172	Bleachers- 1st level	Lockers 1	Ceramic	White	Toilet (4)	0.2	
173	Bleachers- 1st level	Lockers 1	Ceramic	White	Urinal (2)	0.1	
174	Bleachers- 1st level	Lockers 1	Metal	Gray	Toilet Valve (6)	**15.3**	
175	Bleachers- 1st level	Lockers 1, Showers	Concrete	Cream	Upper Wall B, C, D	0.2	
176	Bleachers- 1st level	Lockers 1, Showers	Ceramic	White	Lower Wall A, B, C, D	**8.2**	
177	Bleachers- 1st level	Lockers 1, Showers	Ceramic	Green	Floor	0.2	
178	Bleachers- 1st level	Lockers 1, Showers	Ceramic	Green	Baseboard	0.2	
179	Bleachers- 1st level	Lockers 1, Showers	Ceramic	Green	Dike	0.1	
180	Bleachers- 1st level	Lockers 2	Metal	Brown	Door	0.2	
181	Bleachers- 1st level	Lockers 2	Metal	Brown	Door Frame	0.2	
182	Bleachers- 1st level	Lockers 2- Bathroom Area	Concrete	Cream	Upper Wall A	0.3	
183	Bleachers- 1st level	Lockers 2- Bathroom Area	Concrete	Cream	Upper Wall B	0.1	
184	Bleachers- 1st level	Lockers 2- Bathroom Area	Concrete	Cream	Upper Wall C	0.1	
185	Bleachers- 1st level	Lockers 2- Bathroom Area	Concrete	Cream	Upper Wall D	0.2	
186	Bleachers- 1st level	Lockers 2- Bathroom Area	Ceramic	White	Lower Wall A	**8.5**	
187	Bleachers- 1st level	Lockers 2- Bathroom Area	Ceramic	White	Lower Wall B	**8.5**	
188	Bleachers- 1st level	Lockers 2- Bathroom Area	Ceramic	White	Lower Wall C	**8.5**	
189	Bleachers- 1st level	Lockers 2- Bathroom Area	Ceramic	White	Lower Wall D	**8.5**	
190	Bleachers- 1st level	Lockers 2- Bathroom Area	Ceramic	Green	Floor	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
191	Bleachers- 1st level	Lockers 2- Bathroom Area	Ceramic	Green	Baseboard	0.1	
192	Bleachers- 1st level	Lockers 2- Bathroom Area	Ceramic	White	Sink (6)	0.2	
193	Bleachers- 1st level	Lockers 2- Bathroom Area	Ceramic	White	Toilet (5)	0.1	
194	Bleachers- 1st level	Lockers 2- Bathroom Area	Metal	Gray	Valve (8)	**13.2**	
195	Bleachers- 1st level	Lockers 2- Bathroom Area	Ceramic	White	Urinal (2)	0.1	
196	Bleachers- 1st level	Lockers 2- Showers Area	Concrete	Cream	Upper Wall B, C, D	0.1	
197	Bleachers- 1st level	Lockers 2- Showers Area	Ceramic	White	Lower Wall A, B, C, D	**8.5**	
198	Bleachers- 1st level	Lockers 2- Showers Area	Ceramic	Green	Floor	0.2	
199	Bleachers- 1st level	Lockers 2- Showers Area	Ceramic	Green	Baseboard	0.1	
200	Bleachers- 1st level	Lockers 2- Showers Area	Ceramic	Green	Dike	0.1	
201	Bleachers- 2nd level	Stairs 2	Metal	Yellow	Handrail	0.2	
202	Bleachers- 2nd level	Stairs 2	Concrete	Cream	Riser	0.1	
203	Bleachers- 2nd level	Stairs 2	Concrete	Cream	Tread	0.1	
204	Bleachers- 2nd level	Stairs 2	Concrete	Cream	Stringer	0.2	
205	Bleachers- 2nd level	Room 2-1	Metal	Yellow	Railing	0.2	
206	Bleachers- 2nd level	Room 2-1	Concrete	Cream	Wall A	0.2	
207	Bleachers- 2nd level	Room 2-1	Concrete	Cream	Wall B	0.1	
208	Bleachers- 2nd level	Room 2-1	Concrete	Cream	Wall C	0.2	
209	Bleachers- 2nd level	Room 2-1	Gypsum	Cream	Wall D	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
210	Bleachers- 2nd level	Room 2-1	Concrete	Green	Wall D	0.2	
211	Bleachers- 2nd level	Room 2-1	Concrete	White	Ceiling	0.1	
					Calibration	1.0	
					Calibration	0.9	
					Calibration	1.0	
212	Bleachers- 2nd level	Room 2-2	Metal	Yellow	Railing	0.2	
213	Bleachers- 2nd level	Room 2-2	Concrete	Cream	Wall A	0.2	
214	Bleachers- 2nd level	Room 2-2	Concrete	Cream	Wall B	0.1	
215	Bleachers- 2nd level	Room 2-2	Concrete	Cream	Wall C	0.2	
216	Bleachers- 2nd level	Room 2-2	Gypsum/Concrete	Cream	Wall D	0.1	
217	Bleachers- 2nd level	Room 2-2	Gypsum	Cream	Wall B	0.1	
218	Bleachers- 2nd level	Room 2-2	Concrete	Green	Column Wall D	0.1	
219	Bleachers- 2nd level	Room 2-1	Concrete	Green	Column Wall B	0.2	
220	Bleachers- 2nd level	Bathroom 2-2 Men	Wood	Brown	Door Frame	0.1	
221	Bleachers- 2nd level	Bathroom 2-2 Men	Concrete	Cream	Wall A	0.2	
222	Bleachers- 2nd level	Bathroom 2-2 Men	Concrete	Cream	Wall B	0.1	
223	Bleachers- 2nd level	Bathroom 2-2 Men	Concrete	Cream	Wall C	0.1	
224	Bleachers- 2nd level	Bathroom 2-2 Men	Concrete	Cream	Wall D	0.2	
225	Bleachers- 2nd level	Bathroom 2-2 Men	Concrete	Green	Lower Wall C, D	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
226	Bleachers- 2nd level	Bathroom 2-2 Men	Ceramic	White	Toilet	0.2	
227	Bleachers- 2nd level	Bathroom 2-2 Men	Ceramic	White	Sink	0.1	
228	Bleachers- 2nd level	Bathroom 2-2 Men	Ceramic	White	Urinal	0.2	
229	Bleachers- 2nd level	Bathroom 2-2 Men	Ceramic	Cream	Floor	0.2	
230	Bleachers- 2nd level	Bathroom 2-2 Men	Concrete	White	Ceiling	0.1	
231	Bleachers- 2nd level	Bathroom 2-2 Women	Wood	Brown	Door	0.2	
232	Bleachers- 2nd level	Bathroom 2-2 Women	Wood	Brown	Door Frame	0.1	
233	Bleachers- 2nd level	Bathroom 2-2 Women	Concrete	Cream	Wall A	0.2	
234	Bleachers- 2nd level	Bathroom 2-2 Women	Concrete	Cream	Wall B	0.1	
235	Bleachers- 2nd level	Bathroom 2-2 Women	Concrete	Cream	Wall C	0.1	
236	Bleachers- 2nd level	Bathroom 2-2 Women	Concrete	Cream	Wall D	0.2	
237	Bleachers- 2nd level	Bathroom 2-2 Women	Ceramic	White	Sink (2)	0.2	
238	Bleachers- 2nd level	Bathroom 2-2 Women	Ceramic	White	Toilet (1)	0.1	
239	Bleachers- 2nd level	Bathroom 2-2 Women	Ceramic	Cream	Floor	0.2	
240	Bleachers- 2nd level	Bathroom 2-2 Women	Concrete	White	Ceiling	0.1	
241	Bleachers- 2nd level	Room 2-3	Wood	Brown	Door Frame, Wall B	0.2	
242	Bleachers- 2nd level	Room 2-3	Metal	Gray	Railing Wall A	0.1	
243	Bleachers- 2nd level	Room 2-3	Concrete	Cream	Wall A	0.2	
244	Bleachers- 2nd level	Room 2-3	Concrete	Cream	Wall B	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
245	Bleachers- 2nd level	Room 2-3	Concrete	Cream	Wall C	0.1	
246	Bleachers- 2nd level	Room 2-3	Concrete	Cream	Wall D	0.2	
247	Bleachers- 2nd level	Room 2-3	Concrete	Green	Column Wall B	0.1	
248	Bleachers- 2nd level	Room 2-3	Concrete	Green	Column Wall A	0.2	
249	Bleachers- 2nd level	Room 2-3	Metal	White	Fire Hose Pump	0.2	
250	Bleachers- 2nd level	Room 2-3	Metal	Brown	Window	0.2	
251	Bleachers- 2nd level	Bathroom 2-2 Men	Metal	Green	Louvers	0.2	
252	Bleachers- 2nd level	Bathroom 2-2 Women	Metal	Green	Louvers	0.1	
253	Bleachers- 2nd level	Bathroom 2-3 Men	Wood	Brown	Door	0.2	
254	Bleachers- 2nd level	Bathroom 2-3 Men	Wood	Brown	Door Frame	0.1	
255	Bleachers- 2nd level	Bathroom 2-3 Men	Concrete	Cream	Wall A	0.2	
256	Bleachers- 2nd level	Bathroom 2-3 Men	Concrete	Cream	Wall B	0.1	
257	Bleachers- 2nd level	Bathroom 2-3 Men	Concrete	Cream	Wall C	0.2	
258	Bleachers- 2nd level	Bathroom 2-3 Men	Concrete	Cream	Wall D	0.2	
259	Bleachers- 2nd level	Bathroom 2-3 Men	Concrete	White	Ceiling	0.1	
260	Bleachers- 2nd level	Bathroom 2-3 Men	Ceramic	Cream	Floor	0.2	
261	Bleachers- 2nd level	Bathroom 2-3 Men	Ceramic	White	Toilet	0.2	
262	Bleachers- 2nd level	Bathroom 2-3 Men	Ceramic	White	Sink	0.0	
263	Bleachers- 2nd level	Bathroom 2-3 Men	Metal	Green	Louvers	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
264	Bleachers- 2nd level	Bathroom 2-3 Women	Wood	Brown	Door	0.2	
265	Bleachers- 2nd level	Bathroom 2-3 Women	Wood	Brown	Door Frame	0.1	
266	Bleachers- 2nd level	Bathroom 2-3 Women	Concrete	Cream	Wall A	0.2	
267	Bleachers- 2nd level	Bathroom 2-3 Women	Concrete	Cream	Wall B	0.1	
268	Bleachers- 2nd level	Bathroom 2-3 Women	Concrete	Cream	Wall C	0.2	
269	Bleachers- 2nd level	Bathroom 2-3 Women	Concrete	Cream	Wall D	0.1	
270	Bleachers- 2nd level	Bathroom 2-3 Women	Concrete	White	Ceiling	0.2	
271	Bleachers- 2nd level	Bathroom 2-3 Women	Ceramic	White	Sink (2)	0.2	
272	Bleachers- 2nd level	Bathroom 2-3 Women	Ceramic	White	Toilet (1)	0.1	
273	Bleachers- 2nd level	Bathroom 2-3 Women	Ceramic	Cream	Floor	0.2	
274	Bleachers- 2nd level	Room 2-4	Metal	Gray	Railing Wall A	0.2	
275	Bleachers- 2nd level	Room 2-4	Concrete	Cream	Wall A	0.2	
276	Bleachers- 2nd level	Room 2-4	Concrete	Cream	Wall B	0.1	
277	Bleachers- 2nd level	Room 2-4	Concrete	Cream	Wall C	0.1	
278	Bleachers- 2nd level	Room 2-4	Concrete	Cream	Wall D	0.2	
279	Bleachers- 2nd level	Room 2-4	Concrete	Green	Column Wall A	0.1	
280	Bleachers- 2nd level	Room 2-4	Concrete	Green	Column Wall B	0.1	
281	Bleachers- 2nd level	Room 2-4	Wood	Brown	Door Frame Wall B	0.1	
282	Bleachers- 2nd level	Room 2-4	Wood	Brown	Door Wall D	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
283	Bleachers- 2nd level	Room 2-4	Wood	Brown	Door Frame	0.1	
284	Bleachers- 2nd level	Hallway	Concrete	Yellow	Wall B	0.2	
285	Bleachers- 2nd level	Hallway	Concrete	Cream	Wall D	0.1	
286	Bleachers- 2nd level	Hallway	Metal	Yellow	Handrail	0.2	
287	Bleachers- 2nd level	Hallway	Metal	Brown	Window Frame	0.2	
288	Bleachers- 2nd level	Room 2-5	Concrete	Cream	Wall A	0.1	
289	Bleachers- 2nd level	Room 2-5	Concrete	Cream	Wall B	0.2	
290	Bleachers- 2nd level	Room 2-5	Concrete	Cream	Wall C	0.1	
291	Bleachers- 2nd level	Room 2-5	Concrete	Cream	Wall D	0.2	
292	Bleachers- 2nd level	Room 2-5	Concrete	Brown	Floor	0.1	
293	Bleachers- 2nd level	Room 2-5	Concrete	Yellow	Ceiling	0.2	
294	Bleachers- 2nd level	Room 2-6	Wood	Brown	Door	0.2	
295	Bleachers- 2nd level	Room 2-6	Wood	Brown	Door Frame	0.1	
296	Bleachers- 2nd level	Room 2-6	Concrete	Cream	Wall A	0.2	
297	Bleachers- 2nd level	Room 2-6	Concrete	Cream	Wall B	0.1	
298	Bleachers- 2nd level	Room 2-6	Concrete	Cream	Wall C	0.2	
299	Bleachers- 2nd level	Room 2-6	Concrete	Cream	Wall D	0.1	
300	Bleachers- 2nd level	Room 2-6	Concrete	Brown	Floor	0.2	
301	Bleachers- 2nd level	Room 2-6	Wood	Cream	Divisory Walls	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
302	Bleachers- 2nd level	Room 2-6	Metal	White	Fire Hose	0.1	
303	Bleachers- 2nd level	Room 2-7	Wood	Brown	Door Frame	0.2	
304	Bleachers- 2nd level	Room 2-7	Concrete	Cream	Wall A	0.2	
305	Bleachers- 2nd level	Room 2-7	Concrete	Cream	Wall B	0.1	
306	Bleachers- 2nd level	Room 2-7	Concrete	Cream	Wall C	0.2	
307	Bleachers- 2nd level	Room 2-7	Concrete	Cream	Wall D	0.1	
308	Bleachers- 2nd level	Room 2-7	Concrete	White	Ceiling	0.2	
309	Bleachers- 2nd level	Room 2-7	Concrete	Brown	Floor	0.1	
310					Calibration	1.0	
311					Calibration	1.0	
312					Calibration	1.0	
RETESTING							
313	Bleachers- 2nd level	Room 2-6	Concrete	Brown	Floor	0.2	
314	Bleachers- 2nd level	Room 2-6	Wood	Cream	Divisory Walls	0.1	
315	Bleachers- 2nd level	Room 2-6	Metal	White	Fire Hose	0.1	
316	Bleachers- 2nd level	Room 2-7	Wood	Brown	Door Frame	0.2	
317	Bleachers- 2nd level	Room 2-7	Concrete	Cream	Wall A	0.2	
318	Bleachers- 2nd level	Room 2-7	Concrete	Cream	Wall B	0.1	
319	Bleachers- 2nd level	Room 2-7	Concrete	Cream	Wall C	0.2	

Date: 9/21/2022

Approved by: Ady Padan, Ph.D

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
611 Monserrate Street, 2nd. Floor, Santurce, P. R. 00907

LEAD BASED PAINT TESTING DATA SHEET

Client Name: **Hernandez-Bauza, PSC,. Architects** **Date:** 9/21/22
Project Name: Bleachers Area of "Parque del Tercer Milenio" **Inspector:** Javier Medina
Address: San Juan, Puerto Rico **XRF Serial No.:** 2385

Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
320	Bleachers- 2nd level	Room 2-7	Concrete	Cream	Wall D	0.1	
321	Bleachers- 2nd level	Room 2-7	Concrete	White	Ceiling	0.1	
322	Bleachers- 2nd level	Room 2-7	Concrete	Brown	Floor	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
1					Calibration	0.9	
2					Calibration	1.0	
3					Calibration	1.0	
4	Exterior	Open Area 1	Concrete	White	Wall B	0.2	
5	Exterior	Open Area 1	Concrete	White	Wall C	0.1	
6	Exterior	Open Area 1	Concrete	White	Wall D	0.0	
7	Exterior	Open Area 1	Concrete	White	Ceiling	0.1	
8	Exterior	Open Area 1	Concrete	White	Baseboard	0.2	
9	Exterior	Open Area 1	Concrete	White	Ramp Stringer	0.2	
10	Exterior	Open Area 1	Metal	Brown/Yellow	Ramp Handrail	0.1	
11	Exterior	Open Area 1	Concrete	White	Column, Left	0.1	
12	Exterior	Open Area 1	Concrete	White	Column, Right	0.2	
13	Exterior	Open Area 1	Metal	Brown	Column, Left	0.2	
14	Exterior	Open Area 1	Metal	Brown	Column, Right	0.1	
15	Exterior	Open Area 1	Concrete	White	Decorative Blocks	0.2	
16	Exterior	Open Area 2	Concrete	White	Wall B	0.2	
17	Exterior	Open Area 2	Concrete	White	Wall C	0.1	
18	Exterior	Open Area 2	Concrete	White	Wall D	0.2	
19	Exterior	Open Area 2	Concrete	White	Baseboard	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
20	Exterior	Open Area 2	Concrete	Gray	Floor	0.2	
21	Exterior	Open Area 2	Concrete	White	Ceiling	0.1	
22	Exterior	Open Area 2	Metal	Brown	Column (8)	0.2	
23	Exterior	Open Area 2	Concrete	White	Column (6)	0.2	
24	Exterior	Exterior	Concrete	White	Wall A	0.2	
25	Exterior	Bleachers Area	Concrete	Cream	Wall B	0.1	
26	Exterior	West Side, Stairs #1	Concrete	Cream	Wall C	0.2	
27	Exterior	West Side, Stairs #1	Metal	Brown	Handrail	0.1	
28	Exterior	West Side, Stairs #1	Metal	Brown	Column (5)	0.2	
29	Exterior	West Side, Stairs #1	Concrete	Cream	Wall B	0.2	
30	Exterior	West Side, Stairs #1	Concrete	Cream	Wall C	0.1	
31	Exterior	West Side, Stairs #1	Concrete	Cream	Wall D	0.2	
32	Exterior	West Side, Stairs #1	Ceramic	Brown	Riser	0.1	
33	Exterior	West Side, Stairs #1	Ceramic	Brown	Tread	0.2	
34	Exterior	West Side, Stairs #1	Metal	Brown	Handrail	0.2.	
35	Exterior	West Side, Stairs #2	Concrete	Cream	Wall B	0.1	
36	Exterior	West Side, Stairs #2	Concrete	Cream	Wall C	0.2	
37	Exterior	West Side, Stairs #2	Concrete	Cream	Wall D	0.1	
38	Exterior	West Side, Stairs #2	Ceramic	Brown	Riser	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
39	Exterior	West Side, Stairs #2	Ceramic	Brown	Tread	0.1	
40	Exterior	West Side, Stairs #2	Metal	Brown	Handrail	0.2	
41	Exterior	Seats	Concrete	Gray	Riser	0.2	
42	Exterior	Seats	Concrete	Gray	Tread	0.1	
43	Exterior	Center of Bleachers- Stairs #3	Concrete	Cream	Wall B	0.2	
44	Exterior	Center of Bleachers- Stairs #3	Concrete	Cream	Wall C	0.1	
45	Exterior	Center of Bleachers- Stairs #3	Concrete	Cream	Wall D	0.2	
46	Exterior	Center of Bleachers- Stairs #3	Metal	Brown	Handrail	0.2	
47	Exterior	Center of Bleachers- Stairs #3	Ceramic	Brown	Riser	0.2	
48	Exterior	Center of Bleachers- Stairs #3	Ceramic	Brown	Tread	0.1	
49	Exterior	Center of Bleacher	Metal	Brown	Columns (6)	0.2	
50	Exterior	Center of Bleacher	Concrete	Cream	Wall C	0.2	
51	Exterior	Center of Bleacher- Seats	Concrete	Gray	Riser	0.1	
52	Exterior	Center of Bleacher- Seats	Concrete	Gray	Tread	0.2	
53	Exterior	Bleachers- Stairs #4	Concrete	Cream	Wall B	0.2	
54	Exterior	Bleachers- Stairs #4	Concrete	Cream	Wall C	0.1	
55	Exterior	Bleachers- Stairs #4	Concrete	Cream	Wall D	0.2	
56	Exterior	Bleachers- Stairs #4	Ceramic	Brown	Riser	0.1	
57	Exterior	Bleachers- Stairs #4	Ceramic	Brown	Tread	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
58	Exterior	Bleachers- Stairs #4	Metal	Brown	Handrail	0.1	
59	Exterior	Bleachers- East Side	Concrete	Cream	Wall C	0.2	
60	Exterior	Bleachers- East Side	Concrete	Cream	Wall D	0.1	
61	Exterior	Bleachers- East Side- Seats	Concrete	Gray	Riser	0.2	
62	Exterior	Bleachers- East Side- Seats	Concrete	Gray	Tread	0.1	
63	Exterior	Bleachers- East Side- Seats	Metal	Brown	Column (6)	0.2	
64	Exterior	Bleachers- Stairs #5	Concrete	Cream	Wall B	0.2	
65	Exterior	Bleachers- Stairs #5	Concrete	Cream	Wall C	0.1	
66	Exterior	Bleachers- Stairs #5	Concrete	Cream	Wall D	0.2	
67	Exterior	Bleachers- Stairs #5	Ceramic	Brown	Riser	0.1	
68	Exterior	Bleachers- Stairs #5	Ceramic	Brown	Tread	0.2	
69	Exterior	Bleachers- Stairs #5	Metal	Brown	Handrail	0.1	
70	Exterior	Bleachers- Stairs #6	Concrete	Cream	Wall B	0.2	
71	Exterior	Bleachers- Stairs #6	Concrete	Cream	Wall C	0.1	
72	Exterior	Bleachers- Stairs #6	Concrete	Cream	Wall D	0.2	
73	Exterior	Bleachers- Stairs #6	Metal	Brown	Handrail	0.1	
74	Exterior	Bleachers- Stairs #6	Ceramic	Brown	Riser	0.2	
75	Exterior	Bleachers- Stairs #6	Ceramic	Brown	Tread	0.1	
76	Exterior	Exterior, West Side	Concrete	Blue	Lower Wall B	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
77	Exterior	Exterior, West Side	Concrete	Cream	Upper Wall B	0.1	
78	Exterior	Exterior, West Side	Concrete	Cream	Wall C	0.2	
79	Exterior	Exterior, West Side	Concrete	Cream	Column, West Side	0.2	
80	Exterior	Exterior, West Side	Concrete	Cream	Columns, Center	0.2	
81	Exterior	Exterior, West Side	Concrete	Cream	Column, East Side	0.2.	
82	Exterior	Exterior, West Side	Concrete	Cream	Wall D	0.2	
83					Calibration	0.9	
84					Calibration	1.0	
85					Calibration	1.0	
RETESTING							
87	Exterior	Bleachers- Stairs #6	Metal	Brown	Handrail	0.2	
88	Exterior	Bleachers- Stairs #6	Ceramic	Brown	Riser	0.2	
89	Exterior	Bleachers- Stairs #6	Ceramic	Brown	Tread	0.1	
90	Exterior	Exterior, West Side	Concrete	Blue	Lower Wall B	0.2	
91	Exterior	Exterior, West Side	Concrete	Cream	Upper Wall B	0.2	
92	Exterior	Exterior, West Side	Concrete	Cream	Wall C	0.1	
93	Exterior	Exterior, West Side	Concrete	Cream	Column, West Side	0.2	
94	Exterior	Exterior, West Side	Concrete	Cream	Columns, Center	0.1	
95	Exterior	Exterior, West Side	Concrete	Cream	Column, East Side	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
96	Exterior	Exterior, West Side	Concrete	Cream	Wall D	0.1	

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LEAD BASED PAINT TESTING DATA SHEET

Client Name: **Hernandez-Bauza, PSC,. Architects** **Date:** 11/8/22
Project Name: Bleachers Area of "Parque del Tercer Milenio" **Inspector:** Elme Rivera
Address: San Juan, Puerto Rico **XRF Serial No.:** 3115

Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
1					Calibration	1.0	
2					Calibration	1.0	
3					Calibration	1.0	
4	Exterior	Fence West Left	Concrete	Orange	Wall	0.1	
5	Exterior	Fence West Center	Concrete	Orange	Wall	0.2	
6	Exterior	Fence West Right	Concrete	Orange	Wall	0.1	
7	Exterior	Fence North Left	Concrete	Orange	Wall	0.1	
8	Exterior	Fence North Column	Concrete	Orange	Column	0.2	
9	Exterior	Small Bench	Concrete	Gray	Base	0.1	
10	Exterior	Small Bench	Concrete	Gray	Top Bench	0.1	
11	Exterior	Small Bench	Ceramic	Orange	Under Bench	**14.6**	
12	Exterior	Fence East	Concrete	Orange	Left Wall	0.1	
13	Exterior	Fence East	Concrete	Orange	Center Wall	0.2	
14	Exterior	Fence East	Concrete	Orange	Right Wall	0.1	
15	Exterior	Closet 2	Wood	Gray	Door	0.1	
16	1st Floor	Closet 2	Concrete	Green	Column	0.1	
17	1st Floor	Closet 2	Concrete	Cream	Wall B	0.1	
18	1st Floor	Closet 2	Concrete	Cream	Wall C	0.2	
19	1st Floor	Closet 2	Concrete	Green	Wall D	0.3	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
20	1st Floor	Closet 2	Concrete	Green	Floor	0.1	
21	1st Floor	Closet 2	Concrete	Cream	Ceiling	0.2	
22	1st Floor	Room 6	Metal	Brown	Door Frame	0.1	
23	1st Floor	Room 6	Metal	Brown	Door	0.2	
24	1st Floor	Room 6	Concrete	Cream	Wall A	0.3	
25	1st Floor	Room 6	Concrete	Cream	Wall B	0.1	
26	1st Floor	Room 6	Concrete	Cream	Wall C	0.2	
27	1st Floor	Room 6	Concrete	Cream	Wall D	0.1	
28	1st Floor	Room 6	Concrete	White	Ceiling	0.2	
29	1st Floor	Room 6	Concrete	Cream	Baseboard	0.1	
30	1st Floor	Bathroom 4	Wood	Yellow	Door Frame	0.1	
31	1st Floor	Bathroom 4	Concrete	Cream	Wall A	0.1	
32	1st Floor	Bathroom 4	Concrete	Cream	Upper Wall B	0.2	
33	1st Floor	Bathroom 4	Concrete	Cream	Upper Wall C	0.1	
34	1st Floor	Bathroom 4	Concrete	Cream	Upper Wall D	0.2	
35	1st Floor	Bathroom 4	Ceramic	White	Lower Wall B	**7.6**	
36	1st Floor	Bathroom 4	Ceramic	White	Lower Wall C	**7.4**	
37	1st Floor	Bathroom 4	Ceramic	White	Lower Wall D	**7.6**	
38	1st Floor	Bathroom 4	Ceramic	Green	Floor Tile	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
39	1st Floor	Bathroom 4	Ceramic	White	Urinal	0.2	
40	1st Floor	Bathroom 4	Ceramic	White	Sink	0.1	
41	1st Floor	Bathroom 4	Ceramic	White	Toilet	0.2	
42	1st Floor	Bathroom 4	Metal	Gray	Toilet Valve	0.1	
43	1st Floor	Bathroom 4	Ceramic	White	Divisory Wall	**7.6**	
44	1st Floor	Bathroom 4	Ceramic	Green	Baseboard	0.1	
45	1st Floor	Room 7	Wood	Green	Door Frame	0.3	
46	1st Floor	Room 7	Wood	Green	Door	0.1	
47	1st Floor	Room 7	Concrete	Cream	Wall A	0.1	
48	1st Floor	Room 7	Concrete	Cream	Wall B	0.2	
49	1st Floor	Room 7	Concrete	Cream	Wall C	0.1	
50	1st Floor	Room 7	Concrete	Cream	Wall D	0.2	
51	1st Floor	Room 7	Concrete	Cream	Baseboard	0.3	
52	1st Floor	Room 7	Concrete	White	Ceiling	0.1	
53	1st Floor	Closet 3	Wood	Brown	Door Frame	0.1	
54	1st Floor	Closet 3	Wood	Brown	Door	0.2	
55	1st Floor	Closet 3	Concrete	Cream	Wall A	0.1	
56	1st Floor	Closet 3	Concrete	Cream	Wall B	0.2	
57	1st Floor	Closet 3	Concrete	Cream	Wall C	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
58	1st Floor	Closet 3	Concrete	Cream	Wall D	0.2	
59	1st Floor	Hallway 4	Concrete	Cream	Wall B	0.1	
60	1st Floor	Hallway 4	Concrete	Cream	Wall C	0.1	
61	1st Floor	Hallway 4	Concrete	Cream	Wall D	0.1	
62	1st Floor	Room 8	Wood	Brown	Door Frame	0.1	
63	1st Floor	Room 8	Wood	Brown	Door	0.2	
64	1st Floor	Room 8	Concrete	Cream	Wall A	0.3	
65	1st Floor	Room 8	Concrete	Cream	Wall B	0.1	
66	1st Floor	Room 8	Concrete	Cream	Wall C	0.2	
67	1st Floor	Room 8	Concrete	Cream	Wall D	0.1	
68	1st Floor	Room 8	Concrete	White	Ceiling	0.2	
69	1st Floor	Room 8	Ceramic	Gray	Floor Tile	0.1	
70	1st Floor	Room 8	Ceramic	Gray	Baseboard	0.2	
71	1st Floor	Bathroom 5	Wood	Brown	Door Frame	0.3	
72	1st Floor	Bathroom 5	Wood	Brown	Door	0.1	
73	1st Floor	Bathroom 5	Concrete	Cream	Upper Wall A	0.2	
74	1st Floor	Bathroom 5	Concrete	Cream	Upper Wall B	0.1	
75	1st Floor	Bathroom 5	Concrete	Cream	Upper Wall C	0.1	
76	1st Floor	Bathroom 5	Concrete	Cream	Upper Wall D	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
77	1st Floor	Bathroom 5	Ceramic	White	Lower Wall A	**7.5**	
78	1st Floor	Bathroom 5	Ceramic	White	Lower Wall B	**7.6**	
79	1st Floor	Bathroom 5	Ceramic	White	Lower Wall C	**7.4**	
80	1st Floor	Bathroom 5	Ceramic	White	Lower Wall D	**7.1**	
81	1st Floor	Bathroom 5	Ceramic	Green	Floor Tile	0.1	
82	1st Floor	Bathroom 5	Ceramic	White	Baseboard	0.2	
83	1st Floor	Bathroom 5	Ceramic	White	Toilet	0.3	
84	1st Floor	Bathroom 5	Metal	Gray	Toilet Valve	**12.4**	
85	1st Floor	Bathroom 5	Ceramic	White	Sink	0.2	
86	1st Floor	Bathroom 6	Wood	Brown	Door Frame	0.1	
87	1st Floor	Bathroom 6	Wood	Brown	Door	0.2	
88	1st Floor	Bathroom 6	Concrete	Cream	Upper Wall A	0.1	
89	1st Floor	Bathroom 6	Concrete	Cream	Upper Wall B	0.2	
90	1st Floor	Bathroom 6	Concrete	Cream	Upper Wall C	0.1	
91	1st Floor	Bathroom 6	Concrete	Cream	Upper Wall D	0.1	
92	1st Floor	Bathroom 6	Ceramic	White	Lower Wall A	**7.6**	
93	1st Floor	Bathroom 6	Ceramic	White	Lower Wall B	**7.4**	
94	1st Floor	Bathroom 6	Ceramic	White	Lower Wall C	**7.1**	
95	1st Floor	Bathroom 6	Ceramic	White	Lower Wall D	**7.1**	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
96	1st Floor	Bathroom 6	Ceramic	Green	Floor Tile	0.3	
97	1st Floor	Bathroom 6	Ceramic	Green	Baseboard	0.1	
98	1st Floor	Bathroom 6	Ceramic	White	Sink	0.2	
99	1st Floor	Bathroom 6	Ceramic	White	Toilet	0.1	
100	1st Floor	Bathroom 6	Metal	Gray	Toilet Valve	**15.1**	
101	1st Floor	Hallway 4	Concrete	Cream	Wall B	0.1	
102	1st Floor	Hallway 4	Concrete	Cream	Wall D	0.2	
103	1st Floor	Hallway 4	Concrete	Cream	Ceiling	0.1	
104	1st Floor	Bathroom 7	Wood	Brown	Door Frame	0.2	
105	1st Floor	Bathroom 7	Wood	Brown	Door	0.1	
106	1st Floor	Bathroom 7	Concrete	Cream	Upper Wall A	0.3	
107	1st Floor	Bathroom 7	Concrete	Cream	Upper Wall B	0.1	
108	1st Floor	Bathroom 7	Concrete	Cream	Upper Wall C	0.1	
109	1st Floor	Bathroom 7	Concrete	Cream	Upper Wall D	0.2	
110	1st Floor	Bathroom 7	Ceramic	White	Lower Wall A	**8.1**	
111	1st Floor	Bathroom 7	Ceramic	White	Lower Wall B	**7.9**	
112	1st Floor	Bathroom 7	Ceramic	White	Lower Wall C	**7.8**	
113	1st Floor	Bathroom 7	Ceramic	White	Lower Wall D	**8.0**	
114	1st Floor	Bathroom 7	Ceramic	Green	Floor Tile	0.1	

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611 Monserrate Street, 2nd. Floor, Santurce, P. R. 00907

LEAD BASED PAINT TESTING DATA SHEET

Client Name: **Hernandez-Bauza, PSC,. Architects** **Date:** 11/8/22
Project Name: Bleachers Area of "Parque del Tercer Milenio" **Inspector:** Elme Rivera
Address: San Juan, Puerto Rico **XRF Serial No.:** 3115

Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
115	1st Floor	Bathroom 7	Ceramic	Green	Baseboard	0.2	
116	1st Floor	Bathroom 7	Ceramic	White	Sink	0.1	
117	1st Floor	Bathroom 7	Ceramic	White	Toilet	0.2	
118	1st Floor	Bathroom 7	Metal	Gray	Toilet Valve	**11.7**	
119	1st Floor	Room 9	Concrete	Cream	Wall A	0.1	
120	1st Floor	Room 9	Concrete	Cream	Wall B	0.1	
121	1st Floor	Room 9	Concrete	Cream	Wall C	0.1	
122	1st Floor	Room 9	Concrete	Cream	Wall D	0.3	
123	1st Floor	Room 10	Wood	Brown	Door Frame	0.1	
124	1st Floor	Room 10	Wood	Brown	Door	0.2	
125	1st Floor	Room 10	Concrete	Cream	Wall A	0.1	
126	1st Floor	Room 10	Concrete	Cream	Wall B	0.2	
127	1st Floor	Room 10	Concrete	Cream	Wall C	0.3	
128	1st Floor	Room 10	Concrete	Cream	Wall D	0.1	
129	1st Floor	Room 11	Wood	Brown	Door Frame	0.2	
130	1st Floor	Room 11	Wood	Brown	Door	0.1	
131	1st Floor	Room 11	Concrete	Cream	Wall A	0.2	
132	1st Floor	Room 11	Concrete	Cream	Wall B	0.1	
133	1st Floor	Room 11	Concrete	Cream	Wall C	0.2	

Date: 11/8/2022

Approved by: Ady Padan, Ph.D

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
134	1st Floor	Room 11	Concrete	Cream	Wall D	0.3	
135	1st Floor	Room 12	Wood	Brown	Door Frame	0.1	
136	1st Floor	Room 12	Wood	Brown	Door	0.1	
137	1st Floor	Room 12	Concrete	Cream	Wall A	0.2	
138	1st Floor	Room 12	Concrete	Cream	Wall B	0.1	
139	1st Floor	Room 12	Concrete	Cream	Wall C	0.3	
140	1st Floor	Room 12	Concrete	Cream	Wall D	0.1	
141	1st Floor	Lobby 2	Metal	Light Yellow	Door Frame	0.1	
142	1st Floor	Lobby 2	Concrete	Cream	Wall A	0.2	
143	1st Floor	Lobby 2	Concrete	Green	Wall B	0.3	
144	1st Floor	Lobby 2	Concrete	Cream	Wall C	0.1	
145	1st Floor	Lobby 2	Concrete	Green	Wall D	0.2	
146	1st Floor	Lobby 2	Ceramic	Green	Floor Tile	0.1	
147	1st Floor	Lobby 2	Ceramic	Green	Baseboard	0.2	
148	1st Floor	Lobby 2	Concrete	Cream	Ceiling	0.1	
149	1st Floor	Lobby 2	Metal	Red	Fire Hose Box	0.2	
150	1st Floor	Lobby 2	Metal	Yellow	Railing	0.1	
151	1st Floor	Lobby 2	Concrete	Green	Column	0.1	
152	1st Floor	Cantine	Wood	Yellow	Door Frame	0.3	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
153	1st Floor	Cantine	Concrete	Cream	Wall A	0.1	
154	1st Floor	Cantine	Concrete	Cream	Wall B	0.2	
155	1st Floor	Cantine	Concrete	Cream	Wall C	0.1	
156	1st Floor	Cantine	Concrete	Cream	Wall D	0.2	
157	1st Floor	Cantine	Concrete	White	Counter Top	0.1	
158	1st Floor	Cantine	Concrete	White	Column	0.2	
159	1st Floor	Cantine	Ceramic	Green	Floor Tile	0.3	
160	1st Floor	Cantine	Ceramic	Green	Base	0.1	
161	1st Floor	Cantine	Concrete	Green	Decorative Block	0.1	
162	1st Floor	Storage 1	Wood	Yellow	Door Frame	0.2	
163	1st Floor	Storage 1	Concrete	Cream	Wall A	0.1	
164	1st Floor	Storage 1	Concrete	Cream	Wall B	0.1	
165	1st Floor	Storage 1	Concrete	Cream	Wall C	0.2	
166	1st Floor	Storage 1	Concrete	Cream	Wall D	0.1	
167	1st Floor	Storage 1	Ceramic	Gray	Floor Tile	0.2	
168	1st Floor	Storage 2	Wood	Yellow	Door Frame	0.1	
169	1st Floor	Storage 2	Wood	Yellow	Door	0.2	
170	1st Floor	Storage 2	Concrete	Cream	Wall A	0.3	
171	1st Floor	Storage 2	Concrete	Cream	Wall B	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
172	1st Floor	Storage 2	Concrete	Cream	Wall C	0.2	
173	1st Floor	Storage 2	Concrete	Cream	Wall D	0.1	
174	1st Floor	Storage 2	Ceramic	Gray	Floor Tile	0.2	
175	1st Floor	Room 13	Metal	Yellow	Door Frame	0.1	
176	1st Floor	Room 13	Metal	Yellow	Door	0.2	
177	1st Floor	Room 13	Concrete	Cream	Wall A	0.3	
178	1st Floor	Room 13	Concrete	Cream	Wall B	0.1	
179	1st Floor	Room 13	Concrete	Cream	Wall C	0.2	
180	1st Floor	Room 13	Concrete	Cream	Wall D	0.1	
181	1st Floor	Room 13	Concrete	Green	Column	0.1	
182	1st Floor	Room 13	Concrete	Brown	Baseboard	0.1	
183	1st Floor	Bathroom 8	Metal	Yellow	Door Frame	0.1	
184	1st Floor	Bathroom 8	Metal	Yellow	Door	0.1	
185	1st Floor	Bathroom 8	Concrete	Cream	Upper Wall A	0.2	
186	1st Floor	Bathroom 8	Concrete	Cream	Upper Wall B	0.3	
187	1st Floor	Bathroom 8	Concrete	Cream	Upper Wall C	0.1	
188	1st Floor	Bathroom 8	Concrete	Cream	Upper Wall D	0.2	
189	1st Floor	Bathroom 8	Concrete	Cream	Ceiling	0.1	
190	1st Floor	Bathroom 8	Ceramic	White	Lower Wall A	**7.8**	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
191	1st Floor	Bathroom 8	Ceramic	White	Lower Wall B	**8.0**	
192	1st Floor	Bathroom 8	Ceramic	White	Lower Wall C	**8.1**	
193	1st Floor	Bathroom 8	Ceramic	White	Lower Wall D	**8.1**	
194	1st Floor	Bathroom 8	Ceramic	Green	Floor Tile	0.1	
195	1st Floor	Bathroom 8	Ceramic	Gray	Baseboard	0.2	
196	1st Floor	Bathroom 8	Ceramic	White	Toilet (4)	0.1	
197	1st Floor	Bathroom 8	Metal	Gray	Toilet Valve (4)	**16.7**	
198	1st Floor	Bathroom 8	Ceramic	White	Sink (4)	0.2	
199	1st Floor	Bathroom 8	Wood	Gray	Divisory Panels	0.1	
200	1st Floor	Bathroom 9	Metal	Yellow	Door Frame	0.1	
201	1st Floor	Bathroom 9	Metal	Yellow	Door	0.2	
202	1st Floor	Bathroom 9	Concrete	Cream	Upper Wall A	0.1	
203	1st Floor	Bathroom 9	Concrete	Cream	Upper Wall B	0.2	
204	1st Floor	Bathroom 9	Concrete	Cream	Upper Wall C	0.1	
205	1st Floor	Bathroom 9	Concrete	Cream	Upper Wall D	0.8	
206	1st Floor	Bathroom 9	Concrete	Cream	Ceiling	0.1	
207	1st Floor	Bathroom 9	Ceramic	White	Lower Wall A	**7.6**	
208	1st Floor	Bathroom 9	Ceramic	White	Lower Wall B	**7.8**	
209	1st Floor	Bathroom 9	Ceramic	White	Lower Wall C	**7.1**	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
210	1st Floor	Bathroom 9	Ceramic	White	Lower Wall D	**7.3**	
211	1st Floor	Bathroom 9	Ceramic	Gray	Baseboard	0.1	
212	1st Floor	Bathroom 9	Ceramic	Green	Floor Tile	0.2	
213	1st Floor	Bathroom 9	Ceramic	White	Toilet (4)	0.1	
214	1st Floor	Bathroom 9	Ceramic	White	Toilet Valve (4)	0.1	
215	1st Floor	Bathroom 9	Ceramic	White	Sink (4)	0.2	
216	1st Floor	Bathroom 9	Wood	GRay	Divisory Wall	0.1	
217	1st Floor	Closet 1	Metal	Yellow	Door	0.1	
218	1st Floor	Closet 1	Concrete	Cream	Wall A	0.2	
219	1st Floor	Closet 1	Concrete	Cream	Wall B	0.1	
220	1st Floor	Closet 1	Concrete	Cream	Wall C	0.2	
221	1st Floor	Closet 1	Concrete	Cream	Wall D	0.1	
222	1st Floor	Closet 1	Concrete	Cream	Ceiling	0.2	
223	1st Floor	Closet 4	Metal	White	Door	0.1	
224	1st Floor	Closet 4	Concrete	Cream	Wall A	0.1	
225	1st Floor	Closet 4	Concrete	Cream	Wall B	0.2	
226	1st Floor	Closet 4	Concrete	Cream	Wall C	0.1	
227	1st Floor	Closet 4	Concrete	Cream	Wall D	0.2	
228	1st Floor	Closet 4	Concrete	Cream	Ceiling	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
229	1st Floor	Room 14	Metal	White	Door Frame	0.1	
230	1st Floor	Room 14	Metal	White	Door	0.2	
231	1st Floor	Room 14	Concrete	White	Wall A	0.1	
232	1st Floor	Room 14	Concrete	White	Wall B	0.2	
233	1st Floor	Room 14	Concrete	White	Wall C	0.1	
234	1st Floor	Room 14	Concrete	White	Wall D	0.2	
235	1st Floor	Room 14	Concrete	White	Ceiling	0.1	
236	1st Floor	Room 14	Concrete	White	Baseboard	0.2	
237	1st Floor	Bathroom 10	Wood	White	Door Frame	0.1	
238	1st Floor	Bathroom 10	Concrete	White	Wall A	0.3	
239	1st Floor	Bathroom 10	Concrete	White	Upper Wall B	0.1	
240	1st Floor	Bathroom 10	Concrete	White	Upper Wall C	0.2	
241	1st Floor	Bathroom 10	Concrete	White	Upper Wall D	0.1	
242	1st Floor	Bathroom 10	Concrete	White	Ceiling	0.1	
243	1st Floor	Bathroom 10	Ceramic	White	Lower Wall B	**8.2**	
244	1st Floor	Bathroom 10	Ceramic	White	Lower Wall C	**8.1**	
245	1st Floor	Bathroom 10	Ceramic	White	Lower Wall D	**8.2**	
246	1st Floor	Bathroom 10	Ceramic	Green	Floor Tile	0.1	
247	1st Floor	Bathroom 10	Ceramic	Gray	Baseboard	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
248	1st Floor	Bathroom 10	Ceramic	White	Sink	0.1	
249	1st Floor	Bathroom 10	Ceramic	White	Toilet	0.2	
250	1st Floor	Bathroom 10	Metal	Gray	Toilet Valve	**11.7**	
251	1st Floor	Room 15	Wood	Gray	Door Frame	0.1	
252	1st Floor	Room 15	Wood	Gray	Door	0.2	
253	1st Floor	Room 15	Concrete	Cream	Wall A	0.1	
254	1st Floor	Room 15	Concrete	Cream	Wall B	0.2	
255	1st Floor	Room 15	Concrete	Cream	Wall C	0.1	
256	1st Floor	Room 15	Concrete	Cream	Wall D	0.1	
257	1st Floor	Room 15	Concrete	Cream	Baseboard	0.1	
258	1st Floor	Room 15	Concrete	White	Ceiling	0.2	
259	1st Floor	Closet 5	Metal	Brown	Door Frame	0.1	
260	1st Floor	Closet 5	Metal	Brown	Door	0.2	
261	1st Floor	Closet 5	Concrete	White	Wall A	0.3	
262	1st Floor	Closet 5	Concrete	White	Wall B	0.1	
263	1st Floor	Closet 5	Concrete	White	Wall C	0.2	
264	1st Floor	Closet 5	Concrete	White	Wall D	0.1	
265	1st Floor	Closet 5	Concrete	White	Ceiling	0.2	
266	Bleachers	Control Cabina, Area 1	Concrete	Cream	Wall A	0.1	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
267	Bleachers	Control Cabina, Area 1	Concrete	Cream	Wall B	0.2	
268	Bleachers	Control Cabina, Area 1	Concrete	Cream	Wall C	0.1	
269	Bleachers	Control Cabina, Area 1	Concrete	Cream	Wall D	0.2	
270	Bleachers	Control Cabina, Area 1	Concrete	Blue	Baseboard	0.1	
271	Bleachers	Control Cabina, Area 1	Concrete	Cream	Ceiling	0.1	
272	Bleachers	Control Cabina, Area 2	Concrete	White	Wall A	0.3	
273	Bleachers	Control Cabina, Area 2	Concrete	White	Wall B	0.1	
274	Bleachers	Control Cabina, Area 2	Concrete	White	Wall C	0.2	
275	Bleachers	Control Cabina, Area 2	Concrete	White	Wall D	0.1	
276	Bleachers	Control Cabina, Area 2	Concrete	White	Baseboard	0.2	
277	Bleachers	Control Cabina, Area 3	Concrete	White	Wall A	0.1	
278	Bleachers	Control Cabina, Area 3	Concrete	White	Wall B	0.2	
279	Bleachers	Control Cabina, Area 3	Concrete	White	Wall C	0.1	
280	Bleachers	Control Cabina, Area 3	Concrete	White	Wall D	0.2	
281	Bleachers	Control Cabina, Area 3	Concrete	White	Baseboard	0.1	
282	Bleachers	Control Cabina, Area 3	Wood	White	Shelves	0.2	
283	Bleachers	Control Cabina, Area 3	Wood	White	Shelves Support	0.1	
284	Bleachers	Control Cabina, Bath	Concrete	White	Wall A	0.1	
285	Bleachers	Control Cabina, Bath	Concrete	White	Wall B	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
286	Bleachers	Control Cabina, Bath	Concrete	Cream	Wall C	0.1	
287	Bleachers	Control Cabina, Bath	Concrete	Cream	Wall D	0.2	
288	Bleachers	Control Cabina, Bath	Ceramic	Green	Floor Tile	0.1	
289	Bleachers	Control Cabina, Bath	Ceramic	White	Toilet	0.2	
290	Bleachers	Control Cabina, Bath	Ceramic	White	Toilet Tank	0.3	
291	Bleachers	Control Cabina, Bath	Ceramic	White	Sink	0.1	
292	Bleachers	Control Cabina, Area 4	Concrete	Cream	Wall A	0.2	
293	Bleachers	Control Cabina, Area 4	Concrete	Cream	Wall B	0.1	
294	Bleachers	Control Cabina, Area 4	Concrete	Cream	Wall C	0.2	
295	Bleachers	Control Cabina, Area 4	Concrete	Cream	Wall D	0.1	
296	Bleachers	Control Cabina, Area 4	Concrete	Cream	Baseboard	0.1	
Final Calibration and Retesting in XRF Data from Baseball Park							

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
1					Calibration	1.0	
2					Calibration	1.0	
3					Calibration	1.0	
4	Baseball Park	Field, East	Concrete	Gray	Fence Wall, East	0.1	
5	Baseball Park	Field, East	Concrete	Gray	Fence Wall, East	0.2	
6	Baseball Park	Field, East	Concrete	Gray	Fence Wall, East	0.3	
7	Baseball Park	Field, East	Concrete	Gray	Dugouts, East	0.1	
8	Baseball Park	Field, East	Concrete	Gray	Dugouts, East	0.2	
9	Baseball Park	Field, East	Concrete	Gray	Dugouts, Bench	0.1	
10	Baseball Park	Field, East	Concrete	Gray	Bleachers (East), Riser	0.2	
11	Baseball Park	Field, East	Concrete	Gray	Bleachers (East), Tread	0.1	
12	Baseball Park	Field, East	Concrete	Gray	Bleachers (East), Stringer	0.2	
13	Baseball Park	Field, East	Concrete	Gray	Bleachers (East), Column	0.1	
14	Baseball Park	Field, West	Concrete	Gray	Bleachers (West), Riser	0.1	
15	Baseball Park	Field, West	Concrete	Gray	Bleachers (West), Tread	0.2	
16	Baseball Park	Field, West	Concrete	Gray	Bleachers (West), Stringer	0..3	
17	Baseball Park	Field, West	Concrete	Gray	Bleachers (West), Column	0.1	
18	Baseball Park	Field, West	Concrete	Gray	Dugouts, West	0.1	
19	Baseball Park	Field, West	Concrete	Gray	Dugouts, Column	0.2	

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Reading #	Structure	Room	Substrate	Color	Component & Location	XRF Reading	Laboratory Result (% or mg/cm^2)
20	Baseball Park	Field, West	Concrete	Gray	Dugouts, Bench	0.1	
21	Baseball Park	Field, West	Concrete	Gray	Fence Wall, West	0.1	
22	Baseball Park	Field, West	Concrete	Gray	Fence Wall, West	0.2	
23	Baseball Park	Field, West	Concrete	Gray	Fence Wall, West	0.1	
RETESTING							
24	Baseball Park	Field, West	Concrete	Gray	Bleachers (West), Riser	0.1	
25	Baseball Park	Field, West	Concrete	Gray	Bleachers (West), Tread	0.2	
26	Baseball Park	Field, West	Concrete	Gray	Bleachers (West), Stringer	0.1	
27	Baseball Park	Field, West	Concrete	Gray	Bleachers (West), Column	0.1	
28	Baseball Park	Field, West	Concrete	Gray	Dugouts, West	0.2	
29	Baseball Park	Field, West	Concrete	Gray	Dugouts, Column	0.3	
30	Baseball Park	Field, West	Concrete	Gray	Dugouts, Bench	0.1	
31	Baseball Park	Field, West	Concrete	Gray	Fence Wall, West	0.3	
32	Baseball Park	Field, West	Concrete	Gray	Fence Wall, West	0.1	
33	Baseball Park	Field, West	Concrete	Gray	Fence Wall, West	0.2	
34					Calibration	1.0	
35					Calibration	1.0	
36					Calibration	1.1	

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AES International Inc.

Appendix III



Selective Photos



General View of Bleachers Structure
Parque Tercer Milenio
San Juan, Puerto Rico



General View of Bleachers Structure
Parque Tercer Milenio
San Juan, Puerto Rico



General View of Bleachers Structure
Parque Tercer Milenio
San Juan, Puerto Rico

Selective Photos



Orange Ceramic Area under Floating Bench
Painted with LBP
Small Bench- Exterior



Typical White Ceramic Wall Tiles
and Divisory Wall Tiles
Painted with LBP
1st Level Bathrooms

Selective Photos



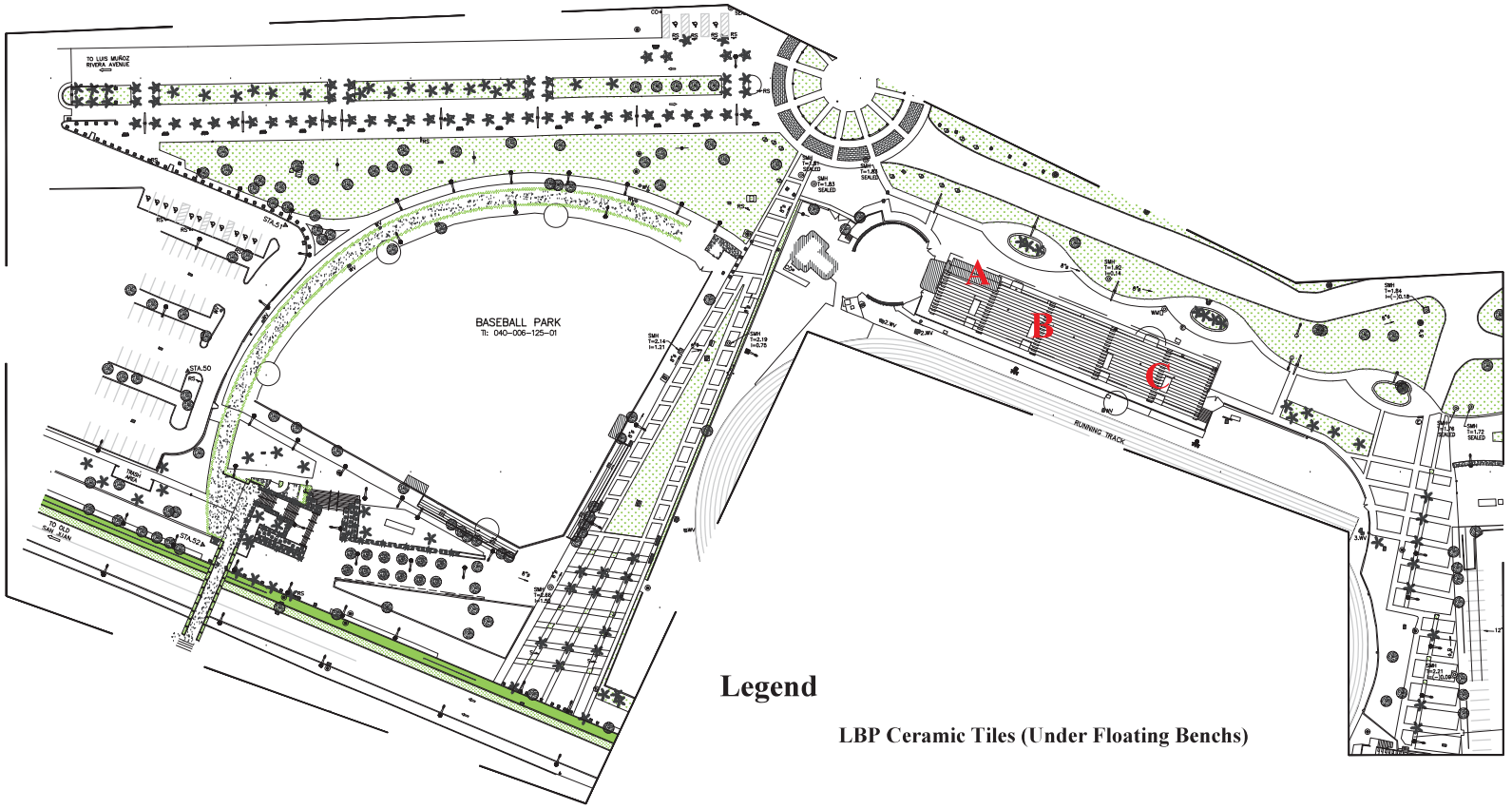
Typical White Ceramic Wall Tiles
Painted with LBP
1st Level Bathrooms

AES International Inc.

Appendix IV

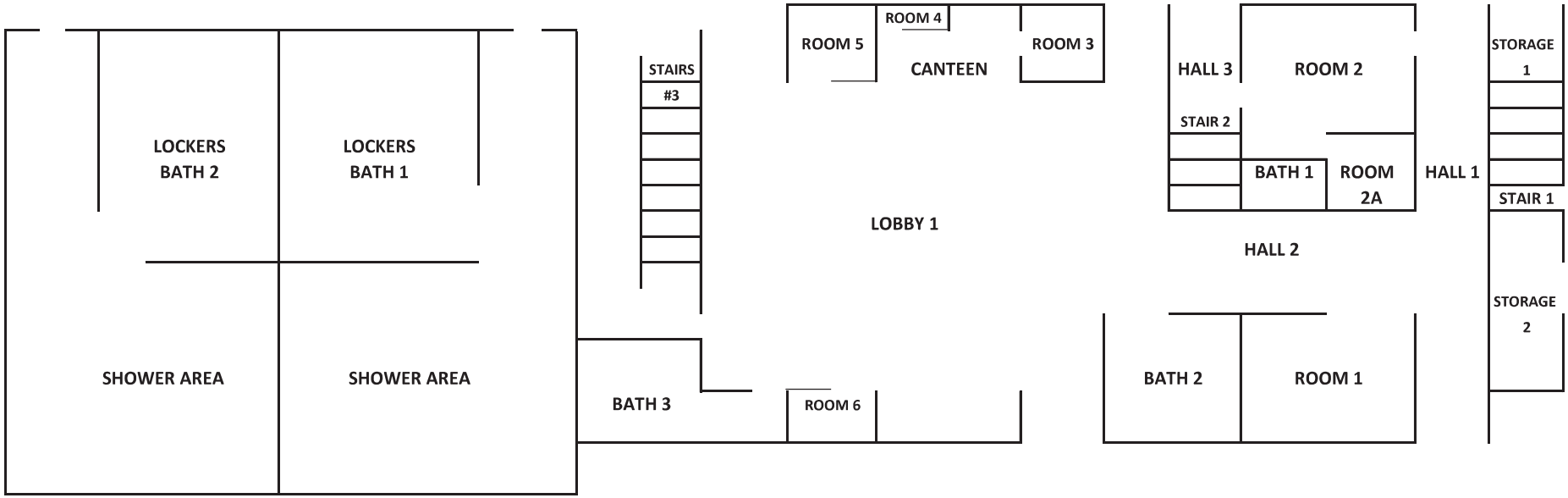


Schematic Distribution of LBP Components at Bleachers Area of "Parque del Tercer Milenio" - Exterior in San Juan, PR



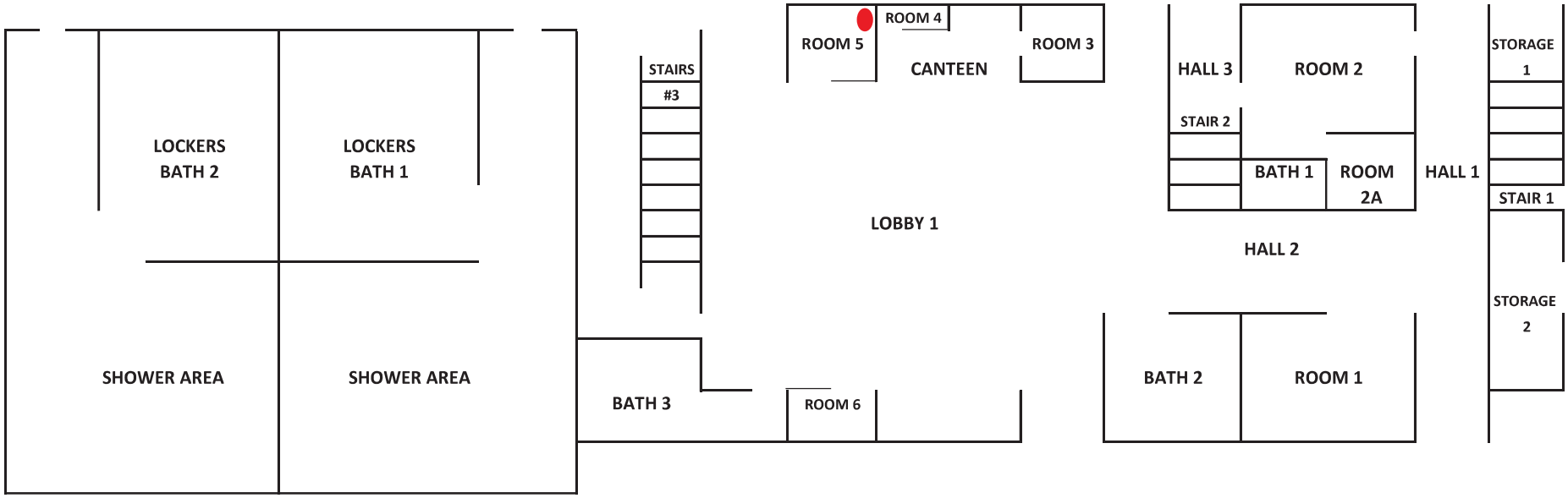
DEMOLITION SITE PLAN
SCALE: 1:600.00

Schematic Location of Functional Spaces at Bleachers Area - 1st Floor (Area B) of "Parque del Tercer Milenio" in San Juan, PR



NOT TO SCALE

Schematic Distribution of LBP Components at Bleachers Area - 1st Floor (Area B) of "Parque del Tercer Milenio" in San Juan, PR

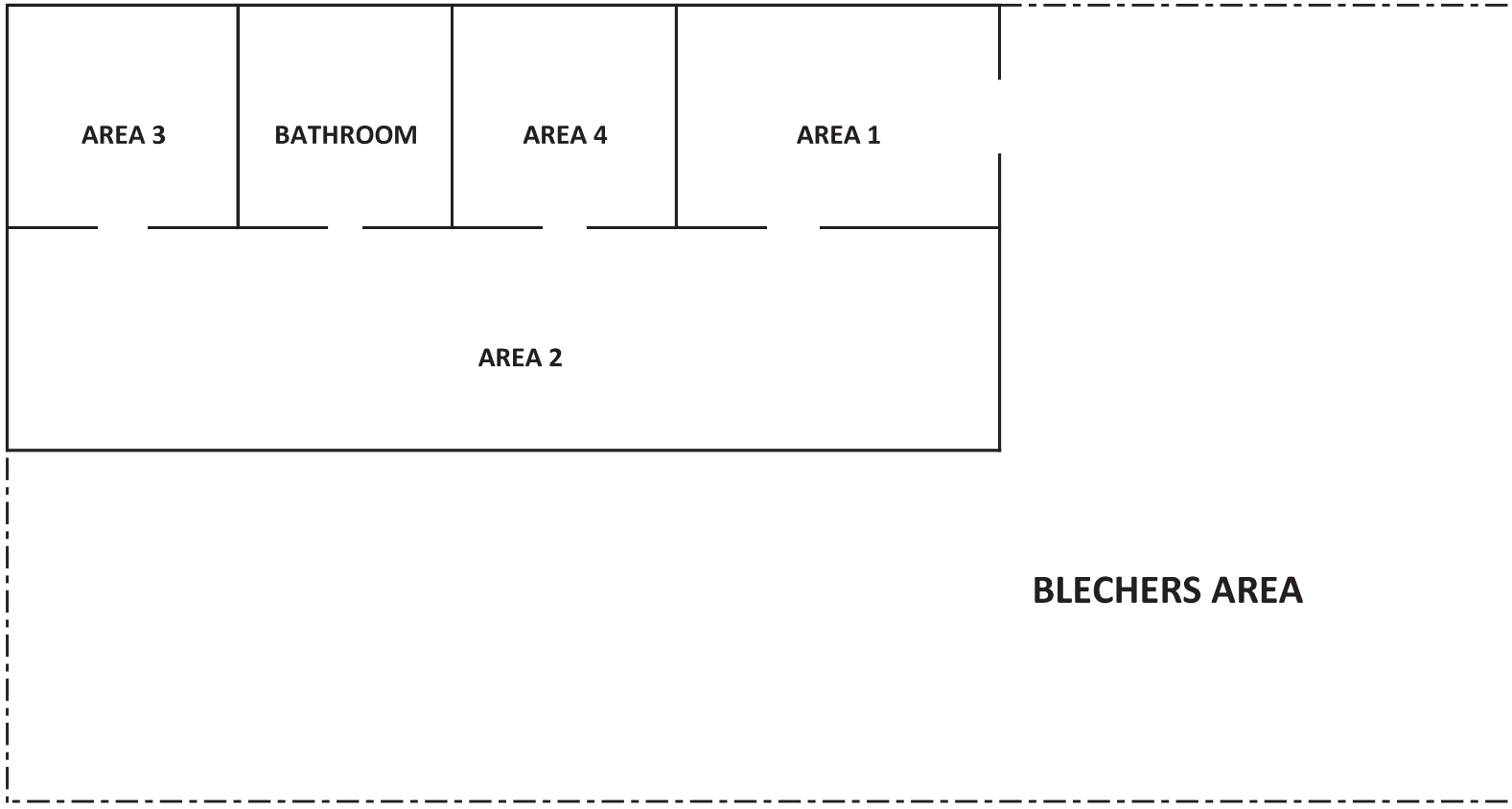


Legend

LBP Ceramic Wall Tiles
LBP Ceramic Sink

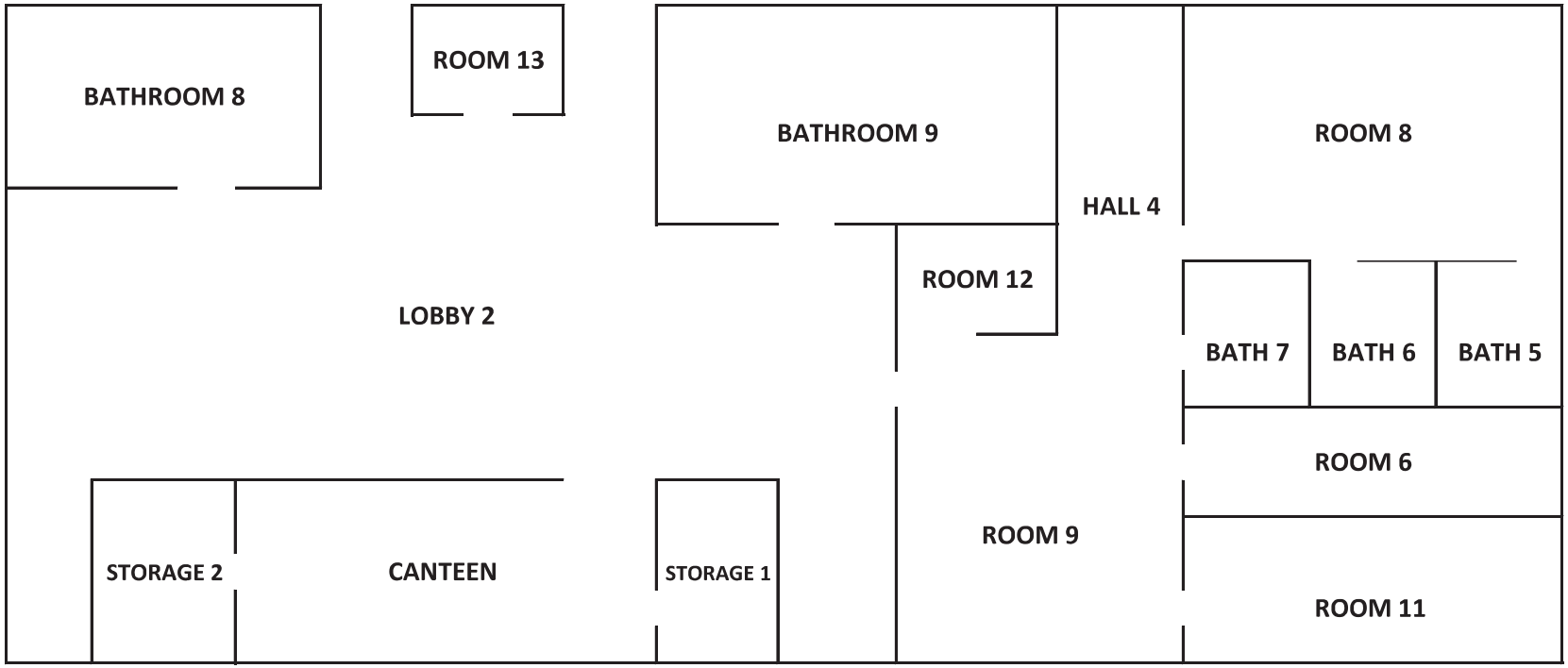
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Schematic Location of Functional Spaces at Bleachers Area - 1st Floor/Control Cabin (Area A) of "Parque del Tercer Milenio" (Area B) in San Juan, PR



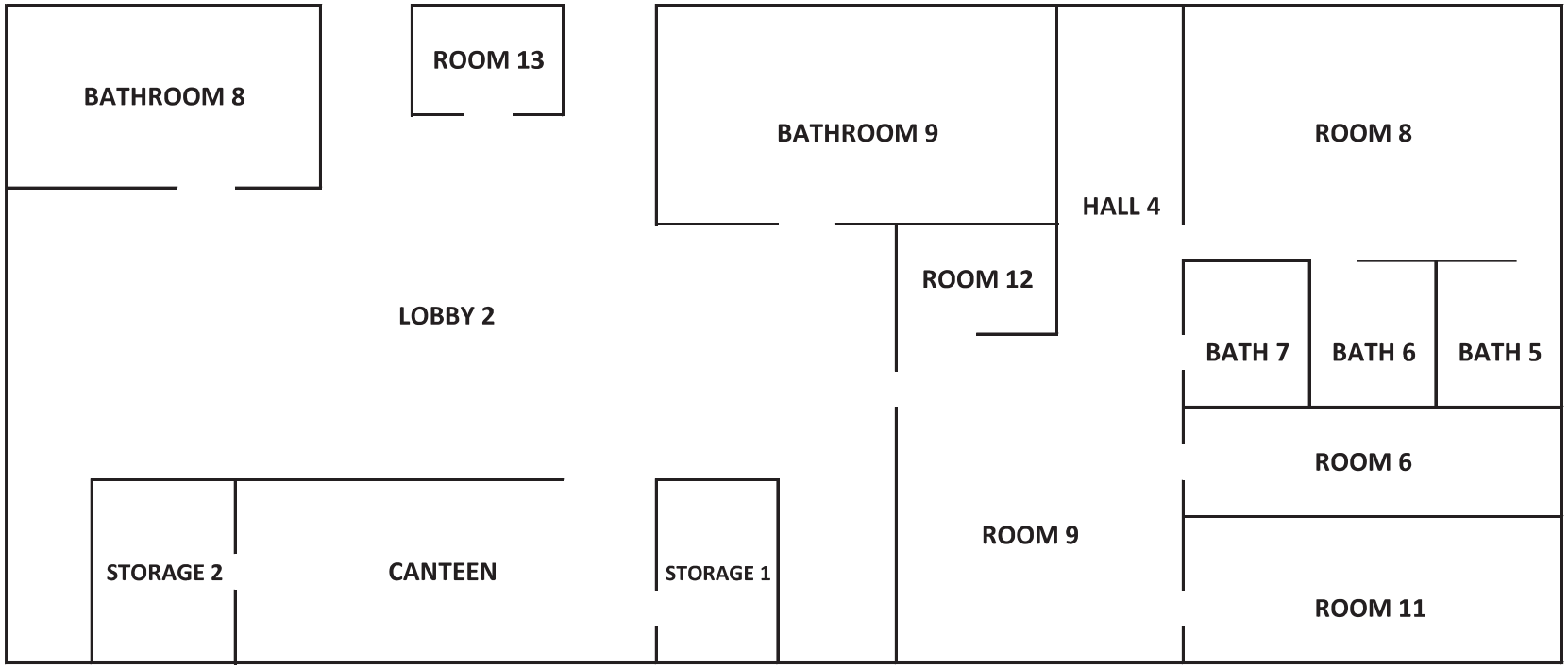
NOT TO SCALE

Schematic Location of Functional Spaces at Bleachers Area - 1st Floor (Area C) of "Parque del Tercer Milenio" (Area B) in San Juan, PR



NOT TO SCALE

Schematic Distribution of LBP Components at Bleachers Area - 1st Floor (Area C) of "Parque del Tercer Milenio" (Area B) in San Juan, PR

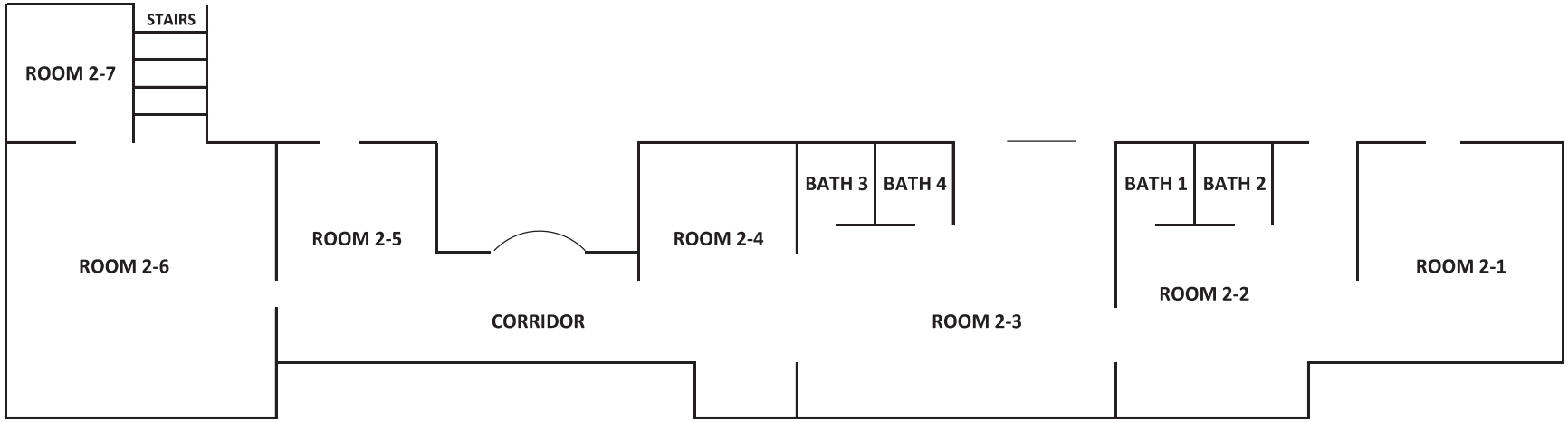


Legend

LBP Ceramic Wall Tiles

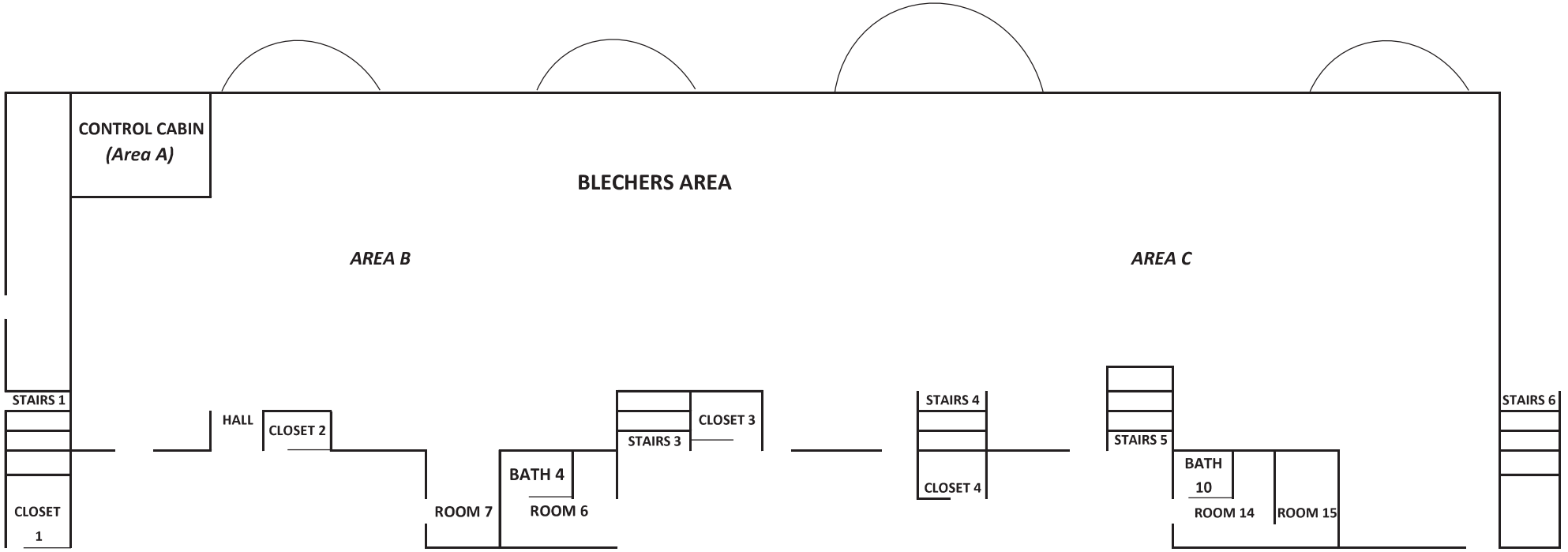
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Schematic Location of Functional Spaces at Bleachers Area - 2nd Floor of "Parque del Tercer Milenio" (Area B) in San Juan, PR



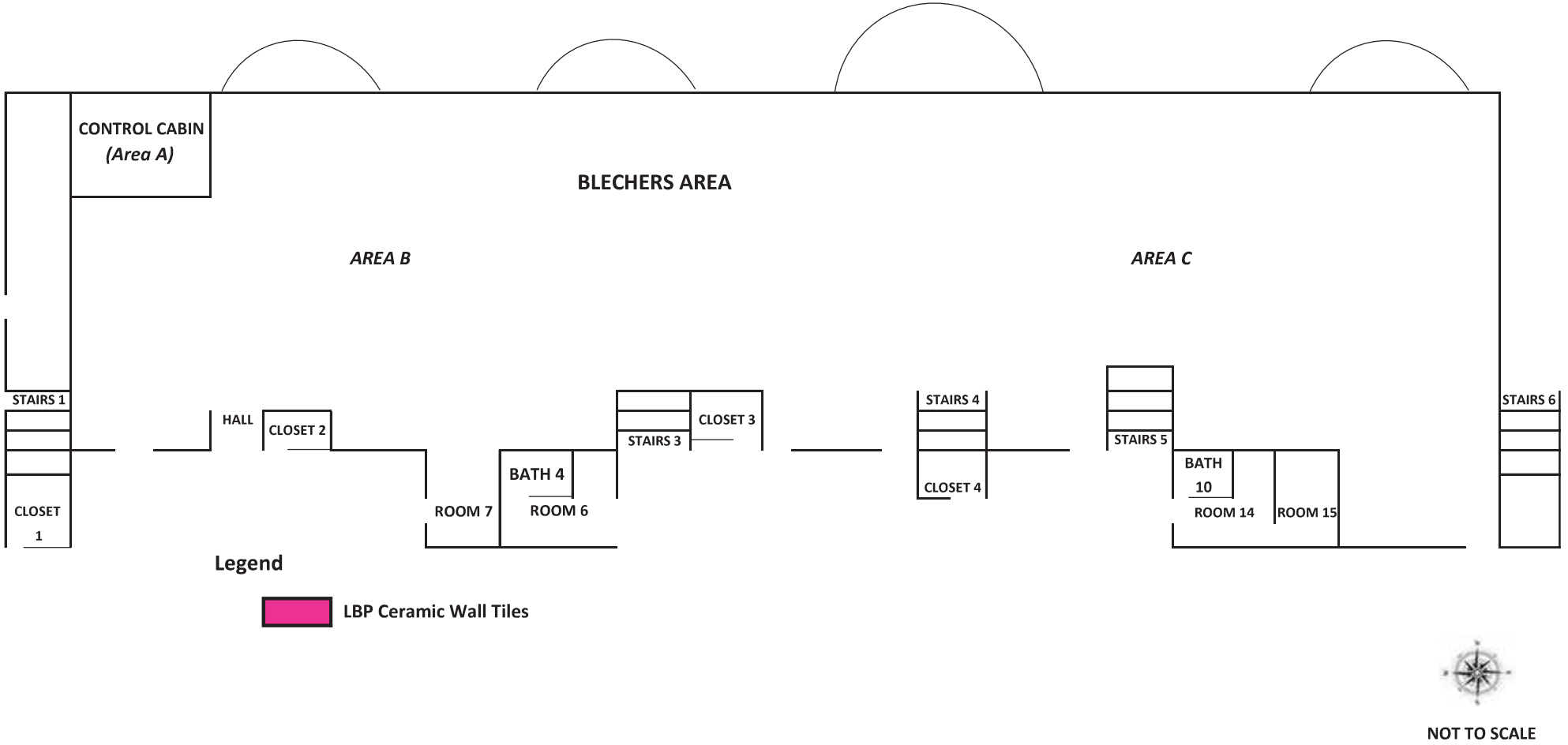
NOT TO SCALE

Schematic Location of Functional Spaces at Bleachers Area - 1st Floor of "Parque del Tercer Milenio" (Area B) in San Juan, PR



NOT TO SCALE

Schematic Distribution of LBP Components at Bleachers Area - 1st Floor of "Parque del Tercer Milenio" (Area B) in San Juan, PR



AES International Inc.

ASBESTOS



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I. SUMMARY

A survey for Asbestos Containing Materials (ACM) was conducted by Analytical Environmental Services International (AES International), Inc. for selective areas of baseball park and bleachers structure of Parque Tercer Milenio located on Luis Muñoz Rivera Avenue, San Juan, Puerto Rico.

The ACM inspection was conducted on 9/22 & 11/8/2022 by Elme Rivera and Javier Medina, both DRNA/AHERA certified asbestos inspectors.

Twenty-six (26) samples were collected from suspected materials. Asbestos fibers were not detected in the samples collected.

1.0 INTRODUCTION

A survey for Asbestos Containing Materials (ACM) was conducted by AES International, Inc. for selective areas of baseball park and bleachers structure of Parque Tercer Milenio located on Luis Muñoz Rivera Avenue, San Juan, Puerto Rico.

The ACM inspection was conducted on 9/22 and 11/8/2022 by Javier Medina and Elme Rivera, both DRNA/AHERA certified asbestos inspectors (see Appendix I for credentials). The inspection was performed based on an extended AHERA protocol, according to the following scenario:

- The structure was divided in functional spaces.
- Visual inspection was performed.
- Samples were collected from suspected materials located in the interior and/or exterior

Samples collected during the survey were sent to AES International Inc., a NVLAP accredited laboratory located in Santurce, Puerto Rico. Samples were analyzed by Polarized Light Microscopy method (PLM), in accordance to EPA recommended procedures. The samples are defined as asbestos containing materials (ACM) if they contain more than 1% asbestos.

2.0 GENERAL BACKGROUND

Asbestos was used in the construction industry from 1900 to 1989. It is still being used today in various products. The health effects of asbestos have been studied since the 1930's. More health studies have been conducted in asbestos than any other natural substance. The mere presence of asbestos containing materials does not necessary constitute a health hazard. However, when these materials become disturbed from building renovation, maintenance, or other every day activities that allow fibers to be released into the environment, a potential hazard does exist.

The relationship between exposure level and health risk is very complex. Although this relationship is not completely understood, asbestos exposure has been associated with various types of lung diseases including a debilitating lung disease called ASBESTOSIS; a rare cancer of chest called MESOTHELIOMA; and cancers of the esophagus, stomach, colon and other organs. Asbestosis is not fatal; it is however incurable. One who has it cannot breathe easily and physical activity becomes limited. MESOTHELIOMA is 100% fatal, as there is no cure. These diseases can be directly linked to asbestos because of the mineral particles that can be found in the lining of the lungs and stomach, since the body cannot absorb these minerals. Tests have determined that asbestos can cause cancer, but scientists disagree on the amount of asbestos fibers that must be inhaled to cause cancer. The nose filters out all visible particles. Therefore, only the microscopic fibers are the one who cause the problems.

Studies indicate different health effect resulting from exposure to chrysotile asbestos versus exposure to the amphibole form of asbestos. The latter, which include tremolite, amosite, actinolite, anthophyllite and crocidolite have more significant health impact than chrysotile.

Some scientists cite studies concluding that is the size of the fibers deposited in the lungs that result in cancer. Long, thin fibers, greater than 8 microns in length and less than 0.25 microns in diameter show the highest potential of cancer development.

2.1 National Emission Standards for Hazardous Air Pollutants (NESHAP)

The EPA's rules concerning the application, removal, and disposal of ACM, as well as manufacturing, spraying and fabricating of ACM were issued under the asbestos NESHAP regulation (U.S. EPA National Emission Standards for Hazardous Air Pollutants, 40 CFR 61 Subpart M, October 30, 1987). The asbestos NESHAP regulation governs asbestos demolition and renovation projects in all facilities. The NESHAP rule usually requires owners or operators to have all friable ACM removed before the building is demolished and may require its removal before renovation. If friable ACM shall be disturbed, the NESHAP rule may require appropriate work practices, or procedures for emission control. The rule states that any ACM, which may become friable, poses a potential hazard that should be addressed.

A revised NESHAP ruling was released on November 20, 1990, effective February 20, 1991 which includes as the responsibility of the owner, or operator, to "prior to the commencement of the demolition or renovation, thoroughly inspect the affected facility or part of the facility where demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II non-friable ACM." (40 CFR, Part 61, National Emission Standards for hazardous Air Pollutants, Asbestos NESHAP Revision, Final Rule, November 20, 1990).

3.0 PROJECT IDENTIFICATION/DESCRIPTION

The area investigated consists of areas surrounding a baseball park and the bleachers structure of the running track at Parque del Tercer Milenio.

4.0 METHODS OF BUILDING INSPECTION

Each material was classified according to the condition of Asbestos Containing Materials (ACM) in that location and the potential for material disturbance. All the areas (functional spaces) were visually inspected.

5.0 SAMPLING METHODS

Twenty-six (26) samples were collected from suspected spray on ceiling, vinyl floor tile, baseboards, gypsum board, mastic, caulking, joint compound and roofing materials.

6.0 INSPECTION RESULTS

Suspected materials were observed during visual inspection. Twenty-six (26) samples were collected and analyzed. Results are presented in Appendix III. Asbestos fibers were not detected in the samples collected and analyzed.

7.0 CONCLUSIONS

A survey for ACM was conducted for selective areas of baseball park and bleachers structure of Parque Tercer Milenio located on Luis Muñoz Rivera Avenue in San Juan. No ACM were reported.

The ACM survey results do not include materials which are non-accessible, non-visible and may be present inside the walls, or covered by other materials. These materials must be assessed at the time of the disturbance and assumed as positive for the time being.



Elme Rivera, DRNA Asbestos Inspector
Lic#: ASB-1221-0694-SI

GOBIERNO DE PUERTO RICO
OFICINA DEL GOBERNADOR
JUNTA DE CALIDAD AMBIENTAL
Área de Calidad de Agua

OGPe
Oficina de Gerencia de Permisos

Forma PGC-009

CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PGC-_____
PARA USO OFICIAL

Yo, Elme Rivera (Nombre), mayor de edad, Casado (Estado Civil), y vecino de Vega Baja (Municipio)

Dirección Postal Vega Baja Lakes Calle 11 L31 Vega Baja (Pueblo) 00693 (Zip Code)

Teléfonos: Residencial (939) 969 - 1311 Oficina (787) 722 - 0220 Ext._____
Fax (787) 724 - 5788

C

1. La estructura localizada en Selective Areas of Baseball Park and Bleachers Structure of Running Track- Parque Tercer Milenio, San Juan, PR, la cual será objeto de una demolición se encuentra libre de asbesto.
2. La información antes indicada es cierta y correcta.
3. Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.
4. Para que así conste, firmo la presente certificación en San Juan (Municipio) de Puerto Rico, hoy día 21 de noviembre de 2022

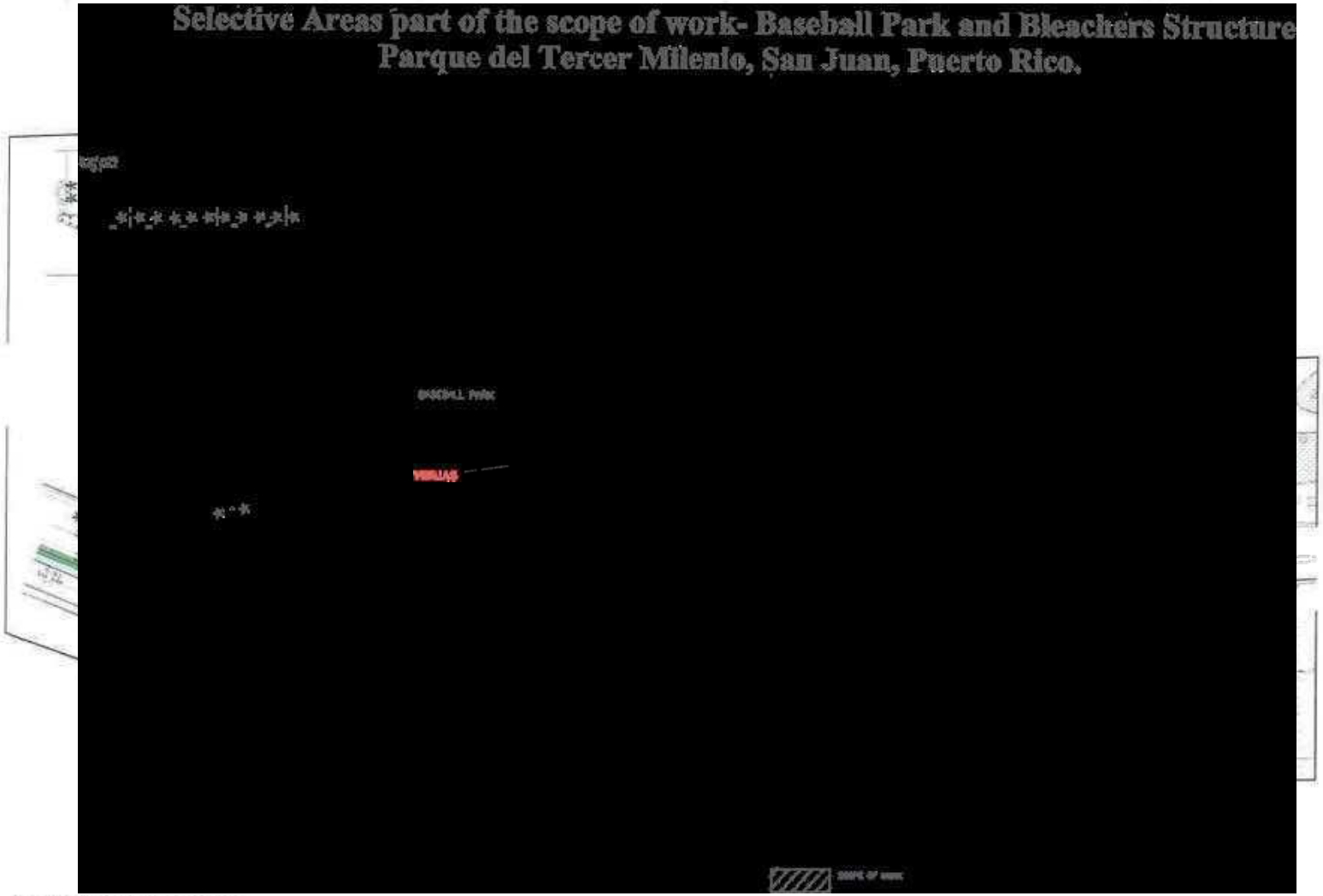
* Esta certificacion es exclusivamente para las areas muestreadas. Ver plano adjunto el cual señalas las areas específicas certificadas.

_____
Firma y Sello del Profesional o
Firma del Inspector de Asbesto registrado por la JCA (Original)

Nota: Ingenieros o Arquitectos deberán someter evidencia de que se encuentra al día en el pago de sus cuotas de colegiación e Inspectores de Asbesto deberán someter evidencia de la tarjeta de registro provista por la JCA.

Dirección Física: Ave. Ponce de León 1308, Carr. Estatal 8838, Sector el Cinco, Río Piedras, PR 00926
Dirección Postal: Apartado 11488, Santurce, PR 00910-1488
Tel. (787) 767-8181 • Fax (787) 767-1962

PUERTO RICO VERDE



DEMOLITION SITE PLAN

AES International Inc.

Appendix I



United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200051-0

AES International

Santurce, PR

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2022-01-01 through 2022-12-31

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AES International
611 Monserrate
Santurce, PR 00907
Mr. Ady Padan
Phone: 787-722-0220 Fax: 787-724-5788
Email: yota1@bellsouth.net
http://www.aesipr.org

ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 200051-0**

Bulk Asbestos Analysis

Code	***Description***
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

Asbestos Inspector Credentials



TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Javier Medina Rosa

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona **NO** es un empleado del DRNA.

ASB-0922-0369-SI

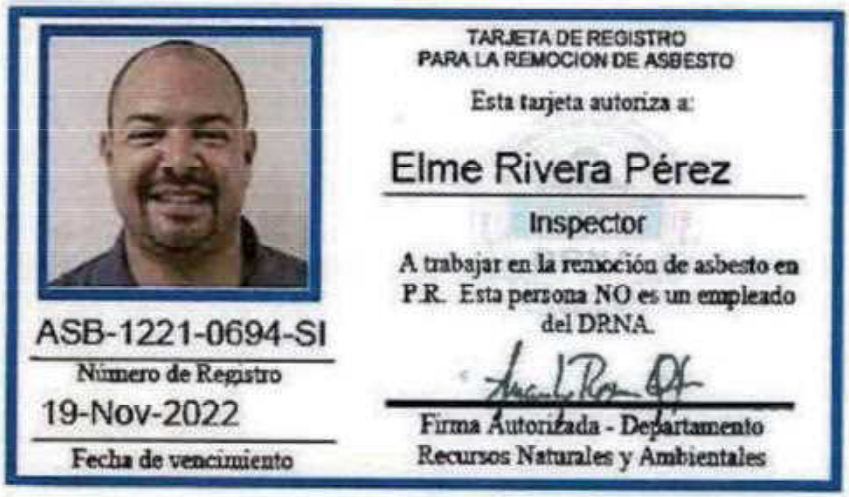
Número de Registro

10-ago-2023

Fecha de vencimiento

Firma Autorizada - Departamento Recursos Naturales y Ambientales

Asbestos Inspector Credentials



TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Elme Rivera Pérez

Inspector

A trabajar en la remoción de asbesto en P.R. Esta persona NO es un empleado del DRNA.

ASB-1221-0694-SI

Número de Registro

19-Nov-2022

Fecha de vencimiento

Firma Autorizada - Departamento Recursos Naturales y Ambientales

AES International Inc.

Appendix II



ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

ASBESTOS SAMPLE INSPECTION FORM FOR PHYSICAL & HAZARD ASSESSMENT

Client Name **Hernandez-Bauza, PSC,. Architects** Bldg. Bleachers Area

Project Name: Bleachers Area of "Parque del Tercer Milenio"

Inspection Date: 9/22/2022 Page: 1 of 4

Homogeneous Material Description		Material Category	Asbestos Content	Friability	Location of Materials	Asbestos Contents	Total Square Feet of ACM	AHERA Assessment Category (1-7,X, None)	Hazard Ranking (1-7)
I.D. Number	Material Description								
JR1	Spray On Ceiling Stucco from Open Area 1	Surf.	No	F		ND		X	
JR2	Spray On Ceiling Stucco from Lobby 1, 1st Floor	Surf.	No	F		ND		X	
JR3	Spray On Ceiling Stucco from Lobby 1, 1st Floor	Surf.	No	F		ND		X	
JR4	Green Vinyl Floor Tile from Room 2	Misc.	No	NF		ND		X	
JR5	Green Vinyl Floor Tile from Room 1	Misc.	No	NF		ND		X	
JR6	Green Baseboard from Room 1	Misc.	No	NF		ND		X	

Inspected by: Javier Medina Date: 9/22/2022

Friability: F = friable, NF = nonfriable, X = not applicable (material is non-ACBM)

AHERA Assessment Category: 1 = Damaged of significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = Any remaining friable ACBM or friable suspected ACBM; X = Not applicable (material is non-ACBM or non-friable surfacing or miscellaneous materials); None = No assessment category provided in original inspection.

Hazard Ranking Category: 1 = Significantly damaged; 2 = Damaged and potential of significant damage; 3 = Damaged and potential for damage; 4 = Damaged; 5 = Potential for significant damage; 6 = Potential for damage; 7 = All remaining ACBM

*** - Unless Specified, the Asbestos Type is Chrysotile; ND - None Detected**

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

ASBESTOS SAMPLE INSPECTION FORM FOR PHYSICAL & HAZARD ASSESSMENT

Client Name **Hernandez-Bauza, PSC,. Architects** Bldg. Bleachers Area

Project Name: Bleachers Area of "Parque del Tercer Milenio"

Inspection Date: 9/22/2022 Page: 2 of 4

Homogeneous Material Description		Material Category	Asbestos Content	Friability	Location of Materials	Asbestos Contents	Total Square Feet of ACM	AHERA Assessment Category (1-7,X, None)	Hazard Ranking (1-7)
I.D. Number	Material Description								
JR7	Gypsum Board from Wall D, Room 2-1	Misc.	No	F		ND		X	
JR8	Mastic under Plaster from Floor, Room 2-1	Misc.	No	NF		ND		X	
JR9	Mastic under Plaster from Floor, Room 2-2	Misc.	No	NF		ND		X	
JR10	Mastic under Plaster from Floor, Room 2-1	Misc.	No	NF		ND		X	
JR11	Window Caulking from Room 2-2	Misc.	No	NF		ND		X	
JR12	Gypsum Board from Wall D, Room 2-2	Misc.	No	F		ND		X	

Inspected by: Javier Medina Date: 9/22/2022

Friability: F = friable, NF = nonfriable, X = not applicable (material is non-ACBM)

AHERA Assessment Category: 1 = Damaged of significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = Any remaining friable ACBM or friable suspected ACBM; X = Not applicable (material is non-ACBM or non-friable surfacing or miscellaneous materials); None = No assessment category provided in original inspection.

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*** - Unless Specified, the Asbestos Type is Chrysotile; ND - None Detected**

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

ASBESTOS SAMPLE INSPECTION FORM FOR PHYSICAL & HAZARD ASSESSMENT

Client Name **Hernandez-Bauza, PSC,. Architects** Bldg. Bleachers Area

Project Name: Bleachers Area of "Parque del Tercer Milenio"

Inspection Date: 9/22/2022 Page: 3 of 4

Homogeneous Material Description		Material Category	Asbestos Content	Friability	Location of Materials	Asbestos Contents	Total Square Feet of ACM	AHERA Assessment Category (1-7,X, None)	Hazard Ranking (1-7)
I.D. Number	Material Description								
JR13	Joint Compound from Room 2-2	Misc.	No	NF		ND		X	
JR14	Window Caulking from Room 2-4	Misc.	No	NF		ND		X	
JR15	Joint Compound from Room 2-5, Wall D	Misc.	No	NF		ND		X	
JR16	Gypsum Board from Wall D, Room 2-5	Misc.	No	F		ND		X	
JR17	Joint Compound from Room 2-6, Wall B	Misc.	No	NF		ND		X	
JR18	Spray On Ceiling Stucco from Open Area #2, Left Side	Surf.	No	F		ND		X	

Inspected by: Javier Medina Date: 9/22/2022

Friability: F = friable, NF = nonfriable, X = not applicable (material is non-ACBM)

AHERA Assessment Category: 1 = Damaged of significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = Any remaining friable ACBM or friable suspected ACBM; X = Not applicable (material is non-ACBM or non-friable surfacing or miscellaneous materials); None = No assessment category provided in original inspection.

Hazard Ranking Category: 1 = Significantly damaged; 2 = Damaged and potential of significant damage; 3 = Damaged and potential for damage; 4 = Damaged; 5 = Potential for significant damage; 6 = Potential for damage; 7 = All remaining ACBM

*** - Unless Specified, the Asbestos Type is Chrysotile; ND - None Detected**

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

ASBESTOS SAMPLE INSPECTION FORM FOR PHYSICAL & HAZARD ASSESSMENT

Client Name **Hernandez-Bauza, PSC,. Architects** Bldg. Bleachers Area

Project Name: Bleachers Area of "Parque del Tercer Milenio"

Inspection Date: 9/22/2022 Page: 4 of 4

Homogeneous Material Description		Material Category	Asbestos Content	Friability	Location of Materials	Asbestos Contents	Total Square Feet of ACM	AHERA Assessment Category (1-7,X, None)	Hazard Ranking (1-7)
I.D. Number	Material Description								
JR19	Spray On Ceiling Stucco from Open Area #2, Right Side	Surf.	No	F		ND		X	
JR20	Spray On Ceiling Stucco from Lockers Area 1	Surf.	No	F		ND		X	
JR21	Spray On Ceiling Stucco from Lockers Area 2	Surf.	No	F		ND		X	

Inspected by: Javier Medina Date: 9/22/2022

Friability: F = friable, NF = nonfriable, X = not applicable (material is non-ACBM)

AHERA Assessment Category: 1 = Damaged of significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = Any remaining friable ACBM or friable suspected ACBM; X = Not applicable (material is non-ACBM or non-friable surfacing or miscellaneous materials); None = No assessment category provided in original inspection.

Hazard Ranking Category: 1 = Significantly damaged; 2 = Damaged and potential of significant damage; 3 = Damaged and potential for damage; 4 = Damaged; 5 = Potential for significant damage; 6 = Potential for damage; 7 = All remaining ACBM

*** - Unless Specified, the Asbestos Type is Chrysotile; ND - None Detected**

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

ASBESTOS SAMPLE INSPECTION FORM FOR PHYSICAL & HAZARD ASSESSMENT

Client Name **Hernandez-Bauza, PSC,. Architects** Bldg. Bleachers Area

Project Name: Bleachers Area of "Parque del Tercer Milenio"

Inspection Date: 11/8/2022 Page: 1 of 1

Homogeneous Material Description		Material Category	Asbestos Content	Friability	Location of Materials	Asbestos Contents	Total Square Feet of ACM	AHERA Assessment Category (1-7,X, None)	Hazard Ranking (1-7)
I.D. Number	Material Description								
JR22	Cream Vinyl Floor Tile 12"x 12" from Central Room, Area 1	Misc.	No	NF	Bleachers Central Room, Area 1,2,3,4	ND		X	
JR23	Cream Vinyl Floor Tile 12"x 12" with Glue from Central Room, Area 3	Misc.	No	NF	Bleachers Central Room, Area 1,2,3,4	ND		X	
JR24	Roof Built-Up from West Side	Misc.	No	NF	Roof	ND		X	
JR25	Roof Built-Up from Northwest Side	Misc.	No	NF	Roof	ND		X	
JR26	Roof Flashing from West Side of Roof	Misc.	No	NF	Roof	ND		X	

Inspected by: Elme Rivera Date: 11/8/2022

Friability: F = friable, NF = nonfriable, X = not applicable (material is non-ACBM)

AHERA Assessment Category: 1 = Damaged of significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = Any remaining friable ACBM or friable suspected ACBM; X = Not applicable (material is non-ACBM or non-friable surfacing or miscellaneous materials); None = No assessment category provided in original inspection.

Hazard Ranking Category: 1 = Significantly damaged; 2 = Damaged and potential of significant damage; 3 = Damaged and potential for damage; 4 = Damaged; 5 = Potential for significant damage; 6 = Potential for damage; 7 = All remaining ACBM

*** - Unless Specified, the Asbestos Type is Chrysotile; ND - None Detected**

AES International Inc.

Appendix III



ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
Inc 611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907
PH. (787) 722-0220 Fax (787) 724-5788

NV TESTING

Job ID: B22090029

REPORT NUMBER

RP22112203

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Hernández-Barasa Architects, PSC
Bleachers Area of "Parque Tercer Milenio" San Juan, PR

Date Collected: 09/22/2022
Date Received: 09/26/2022

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID		Asbestos Detected		Non - Fibrous Material
B22090029.01 B22090029.01.A JR1 Layer % of Total :100%	Hard, Compact with Aggregates, Fibers Other - and Paint Lt. Gray	No		Sand/Aggregates 35 Binders/Paint 63
Date Analyzed: 09/26/2022 Sample Location: Spray On Ceiling Stucco from Open Area 1 Comments: Paint Included as Binders				
B22090029.02 B22090029.02.A JR2 Layer % of Total 100%	Hard, Compact with Aggregates, Perlite Other - Fibers and Paint Gray	No	Cellulose 2	Perlite 10 Sand/Aggregates 45 Binders/Paint 43
Date Analyzed: 09/26/2022 Sample Location: Spray On Ceiling Stucco from Lobby 1, 1st Floor Comments: Paint Included as Binders				
B22090029.03 B22090029.03.A JR3 Layer % of Total 100%	Hard, Compact with Aggregates, Perlite Other - Fibers and Paint Gray	No	Cellulose 2	Perlite 15 Sand/Aggregates 45 Binders/Paint 38
Date Analyzed: 09/26/2022 Sample Location: Spray On Ceiling Stucco from Lobby 1, 1st Floor Comments: Paint Included as Binders				

MICROANALYST: [Jessica Garcia]

[Elme Rivera]

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

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NVLAP LAB CODE 600321-0
TESTING

Job ID: B22090029

REPORT NUMBER

RP22112203

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Hernández-Batuza Architects, PSC
Bleachers Area of "Parque Tercer Milenio" San Juan, PR

Date Collected:
Date Received

ID:

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non-Fibrous Material
B22090029.04 B22090029.04.A HR4 Layer % of Total :100%	Hard, Compact, Partly Granular with Fibers Other - and Glue Gray	No		Cellulose 2	Sand/Aggregates 35 Glue 10 Binders/Paint 53
Date Analyzed: 09/26/2022 Sample Location: Green Vinyl Floor Tile from Room 2 Comments:					
B22090029.05 B22090029.05.A JR5 Layer % of Total :100%	Hard, Compact, Partly Granular with Fibers Other - and Glue Gray	No		Cellulose 2	Sand/Aggregates 35 Glue 15 Binders/Paint 48
Date Analyzed: 09/26/2022 Sample Location: Green Vinyl Floor Tile from Room 1 Comments:					
B22090029.06 B22090029.06.A JR6 Layer % of Total :100%	Semi-Hard, Vinyl with Fibers and Glue Green	No		Cellulose 2	Glue 15 Vinyl 83
Date Analyzed: 09/26/2022 Sample Location: Green Baseboard from Room 1 Comments:					
B22090029.07 B22090029.07.A JR7 Layer % of Total :100%	Semi-Hard, Silty with Fibers Lt. Gray	No		Cellulose 20 Glass Fibers 5	Binders/Paint 75

MICROANALYST: [illegible] essica Garcia]

QUALITY CONTROL: [Elma Rivera]

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Job ID: B22090029

NVLAP LAB CODE 200871-0
TESTING

REPORT NUMBER
RP22112203

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	Hernández-Bauza Architects, PSC	Date Collected:	09/22/2022
Project Name:	Bleachers Area of "Parque Tercer Milenio" San Juan, PR	Date Received:	09/26/2022

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
Date Analyzed: 09/26/2022					
Sample Location: Gypsum Board from Wall D, Room 2-1					
Comments:					
B22090029.08 B22090029.08.A JR8 Layer % of Total :100%	Semi-Hard, Compact with Aggregates, Fibers Other - and Black Mastic Gray	No		Cellulose 2 Synthetic 1	Bitumen 20 Sand/Aggregates 25 Binders/Paint 52
Date Analyzed: 09/26/2022					
Sample Location: Mastic under Plaster from Floor, Room 2-1					
Comments:					
B22090029.09 B22090029.09.A JR9 Layer % of Total :100%	Semi-Hard, Compact with Aggregates, Fibers Other - and Black Mastic Gray	No		Cellulose 2	Bitumen 15 Sand/Aggregates 25 Binders/Paint 58
Date Analyzed: 09/26/2022					
Sample Location: Mastic under Plaster from Floor, Room 2-2					
Comments:					
B22090029.10 B22090029.10.A JR10 Layer % of Total :100%	Semi-Hard, Compact with Aggregates, Fibers Other - and Black Mastic Gray	No		Cellulose 2	Bitumen 15 Sand/Aggregates 20 Binders/Paint 63
Date Analyzed: 09/26/2022					
Sample Location: Mastic under Plaster from Floor, Room 2-1					
Comments:					

MICROANALYST: [Jessica Garcia]

QUALITY CONTROL: [Elene Rivera]

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tile and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

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NVLAP LAB CODE 600121-0 TESTING

Job ID: B22090029

REPORT NUMBER

RP221 12203

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	Hernández-Barza Architects, PSC	Date Collected:	09/22/2022
Project Name:	Bleachers Area of "Parque Tercer Milenio" San Juan, PR	Date Received:	09/26/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID		Asbestos Detected	Asbestos Fibers	Non - Fibrous Material
B22090029.11 B22090029.11.A JR11	Semi-Hard, Bituminous with Fibers and Paint Black	No	Cellulose 1	Bitumen 74 Binders/Paint 25
Layer % of Total :100%				
Date Analyzed: 09/26/2022				
Sample Location: Window Caulking from Room 2-2				
Comments: Paint Included as Binders				
B22090029.12 B22090029.12.A JR12	Semi-Hard, Silty with Fibers Lt. Gray	No	Cellulose 25 Glass Fibers 5 Mineral Wool 10	Binders/Paint 60
Layer % of Total :100%				
Date Analyzed: 09/26/2022				
Sample Location: Gypsum Board from Wall D, Room 2-2				
Comments:				
B22090029.13 B22090029.13.A JR13	Semi-Hard with Fibers, Glue and Paint Cream	No	Cellulose 35	Glue 15 Binders/Paint 50
Layer % of Total :100%				
Date Analyzed: 09/26/2022				
Sample Location: Joint Compound from Room 2-2				
Comments: Paint Included as Binders				

[Jessica Garcia]

QUALITY CONTROL:

[Elmo Rivera]

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

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NVLAP LAB CODE 200908-0 TESTING

Job ID: B22090029

REPORT NUMBER

RP22112203

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Hernández-Batiza Architects, PSC
Bleachers Area of "Parque Tercer Milenio" San Juan, PR
Project ID:

Date Collected:
Date Received: 09/26/2022

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22090029.14 B22090029.14.A JR14 Layer % of Total :100%	Semi-Hard, Bituminous with Fibers and Paint Black	No		Cellulose 1	Bitumen 64 Binders/Paint 35
Date Analyzed: 09/26/2022 Sample Location: Window Caulking from Room 2-4 Comments: Paint Included as Binders					
B22090029.15 B22090029.15.A JR15 Layer % of Total :100%	Semi-Hard, Glue with Fibers and Paint White	No		Cellulose 2	Glue 83 Binders/Paint 15
Date Analyzed: 09/26/2022 Sample Location: Joint Compound from Room 2-5, Wall D Comments: Paint Included as Binders					
B22090029.16 B22090029.16.A JR16 Layer % of Total :100%	Semi-Hard, Silky with Fibers Cream	No		Cellulose 10 Glass Fibers 5 Mineral Wool 8	Binders/Paint 77
Date Analyzed: 09/26/2022 Sample Location: Gypsum Board from Wall D, Room 2-5 Comments:					

MICROANALYST: Garcia]

QUALITY CONTROL: [Elma Rivera]

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Job ID: B22090029

REPORT NUMBER

RP22112203

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Hernández-Beauzo Architects, PSC
Bleachers Area of "Parque Tercer Milenio" San Juan, PR

Date Collected: 09/22/2022
Date Received: 09/26/2022

Project ID:

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22090029.17 B22090029.17.A JR17 Layer % of Total :100%	Semi-Hard, Silty with Fibers and Paint White	No		Cellulose 8	Binders/Paint 92
Date Analyzed: 09/27/2022 Sample Location: Joint Compound from Room 2-6, Wall B Comments: Paint Included as Binders					
B22090029.18 B22090029.18.A JR18 Layer % of Total :100%	Semi-Hard, Silty with Perlite, Aggregates Other - Fibers and Paint: White	No		Cellulose 2	Perlite 25 Sand/Aggregates 5 Binders/Paint 68
Date Analyzed: 09/27/2022 Sample Location: Spray On Ceiling Stucco from Open Area #2, Left Side Comments: Paint Included as Binders					
B22090029.19 B22090029.19.A JR19 Layer % of Total :100%	Semi-Hard, Silty with Perlite, Fibers and Paint White	No		Cellulose 10	Perlite 25 Binders/Paint 65
Date Analyzed: 09/27/2022 Sample Location: Spray On Ceiling Stucco from Open Area #2, Right Side Comments: Paint Included as Binders					

MICROANALYST

[Jessica Garcia]

QUALITY CONTROL:

[Elmo Rivera]

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Job ID: B22090029

REPORT NUMBER

RP22112203

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	Hernandez-Bauza Architects, PSC	Date Collected	09/22/2022
Project Name:	Bleachers Area of "Parque Tercer Milenio" San Juan, PR	Date Received:	09/26/2022
ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22090029.20 B22090029.20.A JR20	Semi-Hard, Silty with Perlite, Fibers and Paint White	No		Cellulose 10	Perlite 35 Binders/Paint 55
Layer % of Total :100%					
Date Analyzed: 09/27/2022					
Sample Location: Spray On Ceiling Stucco from Lockers Area 1					
Comments: Paint Included as Binders					
B22090029.21 B22090029.21.A JR21	Semi-Hard, Silty with Perlite, Fibers and Paint White	No		Cellulose 5	Perlite 20 Binders/Paint 75
Layer % of Total :100%					
Date Analyzed: 09/27/2022					
Sample Location: Spray On Ceiling Stucco from Lockers Area 2					
Comments: Paint Included as Binders					

Comments:

For all heterogeneous and layered samples easily separated into sublayers, each component is analyzed and reported separately.

Samples are analyzed by PLM using dispersion staining techniques in accordance with US EPA methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

QUALITY CONTROL:

[Elmo Rivera]

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Ph: (787) 722-0220 Fax: (787) 724-5788

NVL ®
NVLAP LAB CODE [illegible]

Transmittal Sheet for Bulk Sample Analysis

Client Name: Hernandez-Bauza, PSC, Architects
Address:
Contact: Andres Bauza
Phone/Fax: (787) 988-6528

Project Name: Bleachers Area of "Parque del Tercer Milenio"
Site Location: San Juan, Puerto Rico
Samplers Name: Javier Medina
Company: AESI

Chain of Custody Record

Sample I. D.	Sample Description (i.e. Location, Name, etc.)	Collected Date	Collected Time	Analysis Required PLM	Analysis Required Other	Comments	Laboratory I.D.
	See legal document						
JR1				✓			
JR2				✓			.02
JR3				✓			03
JR4				✓			.04
JR5				✓			.05
JR6				✓			.06
JR7				✓			.07
JR8				✓			.08
JR9				✓			09
JR10				✓			.10
JR11				✓			11
JR12				✓			12
JR13				✓			.13

Turnaround Time Normal: Rush

Relinquished Time:
Received By:
Date/ Time: 26/12-7:50

Delivered Directly to Lab: **Shipped:**
Method of Shipment:
Lab. Recipient:

Date/ Time:
Received By:
Date/ Time:

*Job ID:B22090029

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Ph: (787) 722-0220 Fax: (787) 724-5788

NVLAP LAB CODE 200884-0

Transmittal Sheet for Bulk Sample Analysis

Client Name: Hernandez-Bauza, PSC, Architects
Address:
Contact: Andres Bauza
Phone/Fax: (787) 628-6528

Project Name: Bleachers Area of "Parque del Tercer Milenio"
Site Location: San Juan, Puerto Rico
Samplers Name: Javier Medina
Company: AESI

Chain of Custody Record

Sample I. D.	Sample Description (i.e. Location, Numbe, etc.)	Collected Date	Collected Time	Analysis Required PLM	Analysis Required Other	Comments	Laboratory I.D.
	See Report assessment	9/21/22		✓			1522 09DD29 .14
JR15				✓			.15
JR16				✓			.16
JR17				✓			.17
J				✓			.18
JR19				✓			.19
JR20				✓			.20
JR21	↓			✓			.21

Date/ Receive: V. 9/20/22 1:30 Nilmy Nunez 9/22/22 7:00
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uished
Date/ Time:
Received By:
Date/ Time:

Method of Shipment:

Lab. Recipient:

Date

*Job ID:B22090029

Her u e,

COC-BULK-011/REV 3/16

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NVLAP LAB CODE 200004-0
TESTING

Job ID: B22110018

REPORT NUMBER

RP22112202

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	Hernández-Bauza Architects, PSC	Date Collected	1/08/2022
Project Name:	Bleachers Area of "Parque Tercer Milenio" San Juan, PR	Date Received:	1/10/2022

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22110018.01 B22110018.01.A ER22 Layer % of Total :100%	Hard, Compact, Partly Granular with Fibers Other - and Glue Cream	No		Cellulose 2 Glass Fibers 1	Sand/Aggregates 35 Glue 3 Binders/Paint 59
Date Analyzed: 11/14/2022 Sample Location: Cream Vinyl Floor Tile 12"x 12" from Central Room, Area 1 Comments:					
B22110018.02 B22110018.02.A ER23 Layer % of Total :100%	Hard, Compact, Partly Granular with Fibers Other - and Glue Cream	No		Cellulose 1	Sand/Aggregates 35 Glue 4 Binders/Paint 60
Date Analyzed: 11/14/2022 Sample Location: Cream Vinyl Floor Tile 12"x 12" with Glue from Central Room, Area 3 Comments:					
B22110018.03 B22110018.03.A ER24 Layer % of Total :100%	Semi-Hard, Bituminous with Aggregates Other - and Fibers Black	No		Cellulose 2 Glass Fibers 10	Bitumen 68 Sand/Aggregates 20
Date Analyzed: 11/11/2022 Sample Location: Roof Built-Up from West Side Comments:					
B22110018.04 B22110018.04.A ER25 Layer % of Total :100%	Semi-Hard, Bituminous with Aggregates Other - and Fibers Black	No		Cellulose 1 Glass Fibers 10	Bitumen 75 Sand/Aggregates 14

MICROANALYST: Garcia]

QUALITY CONTROL: [Ady Padam Ph.D]

PLM is not considered reliable in detecting small concentrations of asbestos in floor tiles and similar countable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

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Job ID: 822110018

REPORT NUMBER

RP22112202

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name: Hernández-Bauza Architects, PSC

Project Name: Bleachers Area of "Parque Tercer Milenio" San Juan, PR

ID:

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
Date Analyzed: 11/14/2022					
Sample Location: Roof Built-Up from Northwest Side					
Comments:					
822110018.05	Semi-Hard, Bituminous with Aggregates	No		Cellulose 2	Bitumen 73
822110018.05.A	Other - and Fibers			Glass Fibers 10	Sand/Aggregates 15
ER26	Black				
Layer % of Total :100%					
Date Analyzed: 11/14/2022					
Sample Location: Roof Flashing from West Side of Roof					
Comments:					

Comments:

For all heterogeneous and layered samples easily separated into subsayers, each component is analyzed and reported separately.

Samples are analyzed by PLM using dispersion staining techniques in accordance with US EPA methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

MICROANALYST: Garcia]

QUALITY CONTROL: [Ady Paden Ph.D]

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NVLAP LAB CODE 200991-0

Transmittal Sheet for Bulk Sample Analysis

Client Name: Hernandez-Bauza, PSC,. Architects
Address:
Contact:
Phone/Fax:

Project Name: Bleachers Area of "Parque del Tercer Milenio"
Site Location: San Juan, Puerto Rico
Samplers Name: Elme Rivera
Company AESI

Chain of Custody Record

Sample I. D.	Sample Description (i.e. Location, Name, etc.)	Collected Date	Collected Time	Analysis Required PLM	Analysis Required Other	Comments	Laboratory I.D.
EHL22	Sec Hazard Abatement	11/10/21	11:16	✓			B2211001 7 .01
EHL23			11:44	✓			.02
EHL24			13:00	✓			.03
EHL25			13:05	✓			.04
EHL26		11/11/21	12:03	✓			.05

Rush

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Re 11/12/21 9:20

Time:
ulshed
Date/ Time:
Received By:
Date/ Time:

Lab. Recipient:

Date

Job ID:B22110018
Hernández-Bauza Architects, PSC

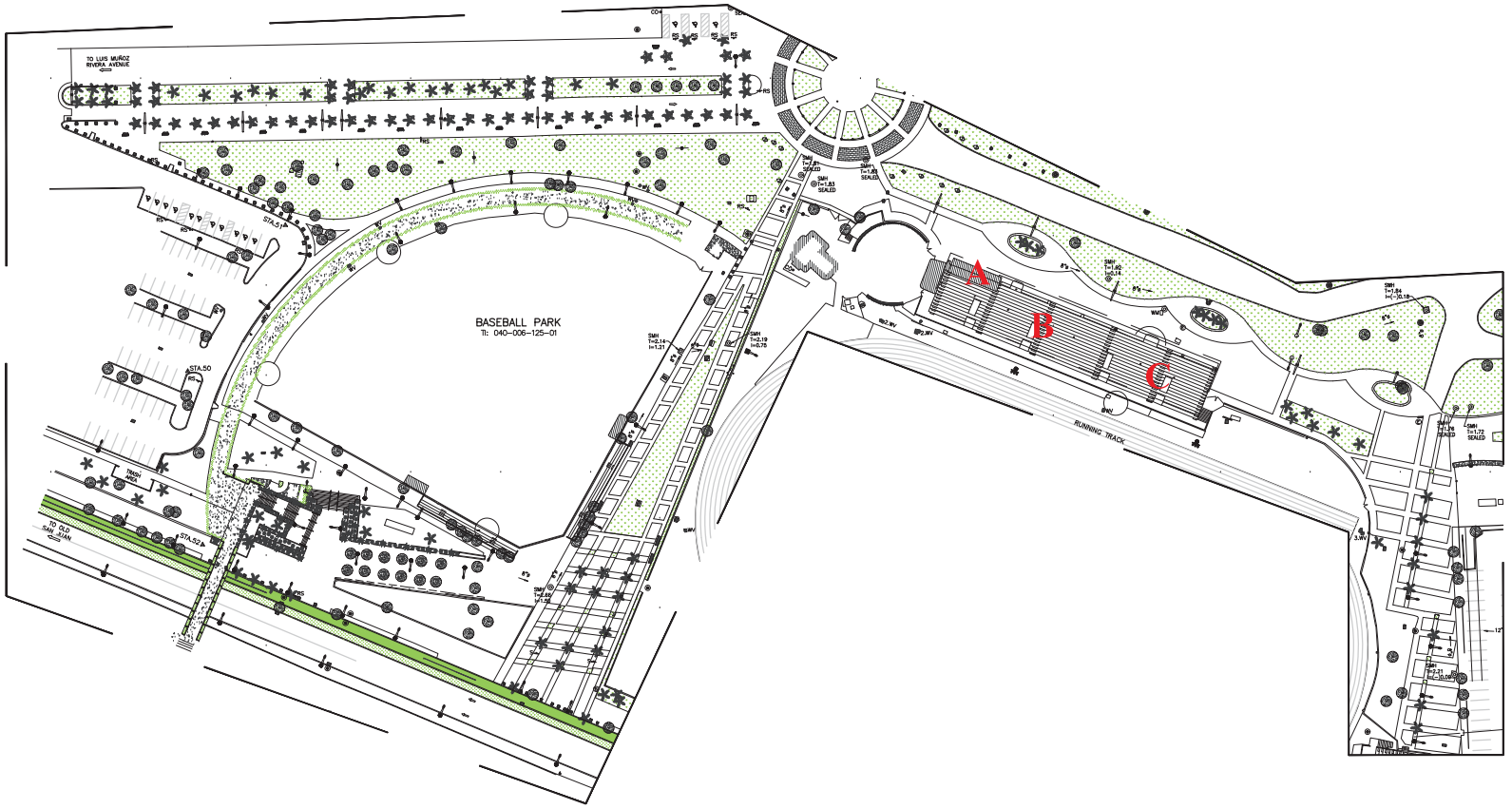
COC-BULK-011/REV 3/18

AES International Inc.

Appendix IV

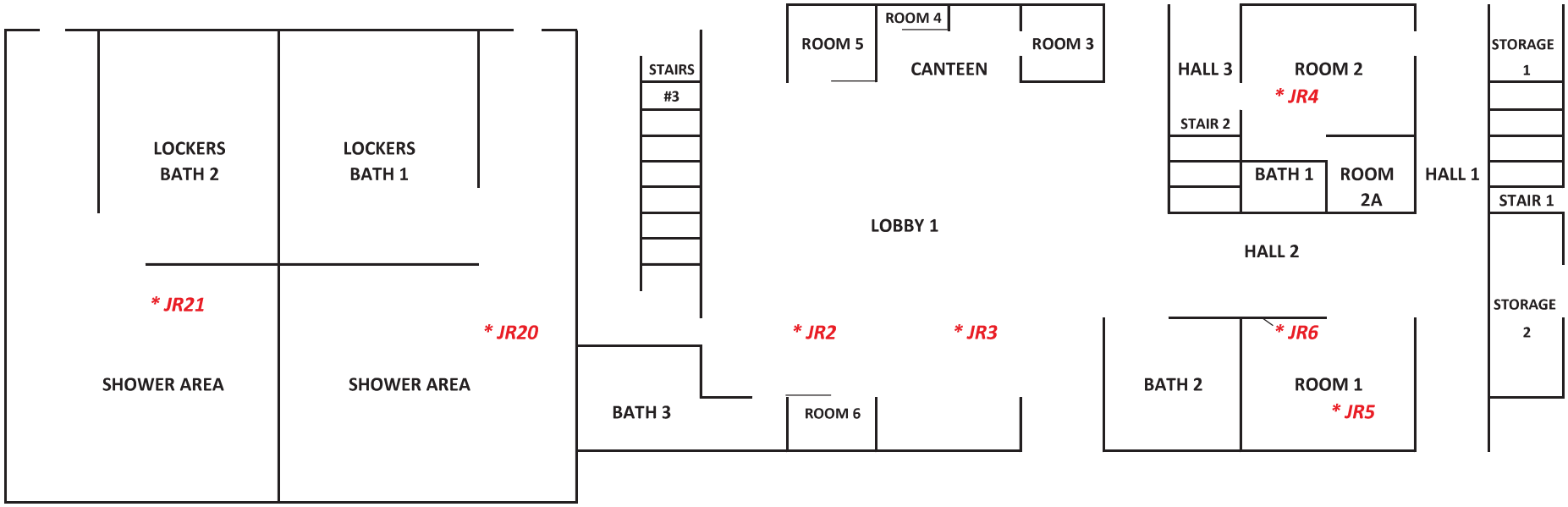


Site Area Location Plan of Bleachers Area of “Parque del Tercer Milenio” located in San Juan, PR



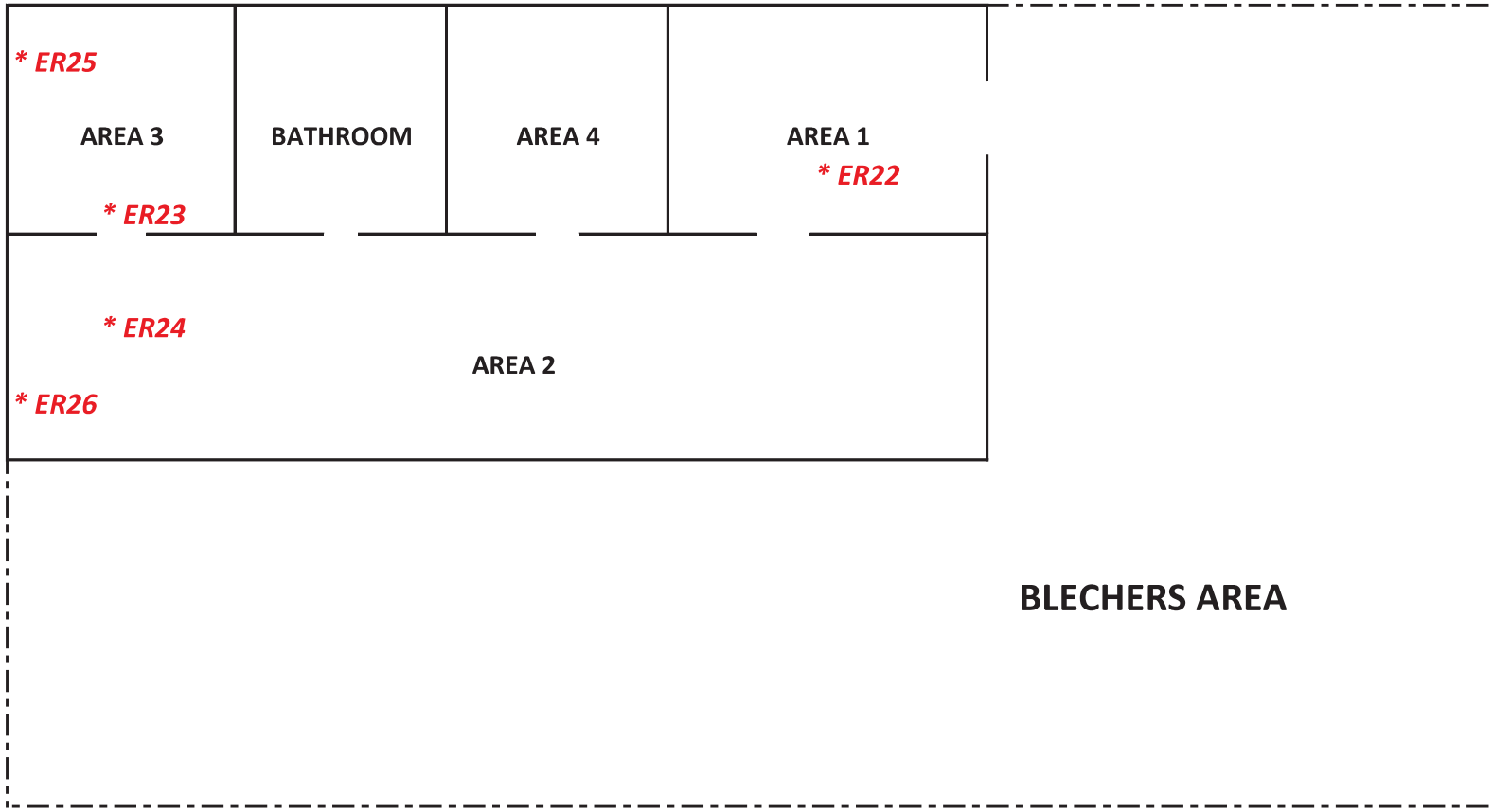
DEMOLITION SITE PLAN
SCALE: 1:600.00

Schematic Location of Bulk Sampling Points at Bleachers Area - 1st Floor (Area B) of "Parque del Tercer Milenio" in San Juan, PR



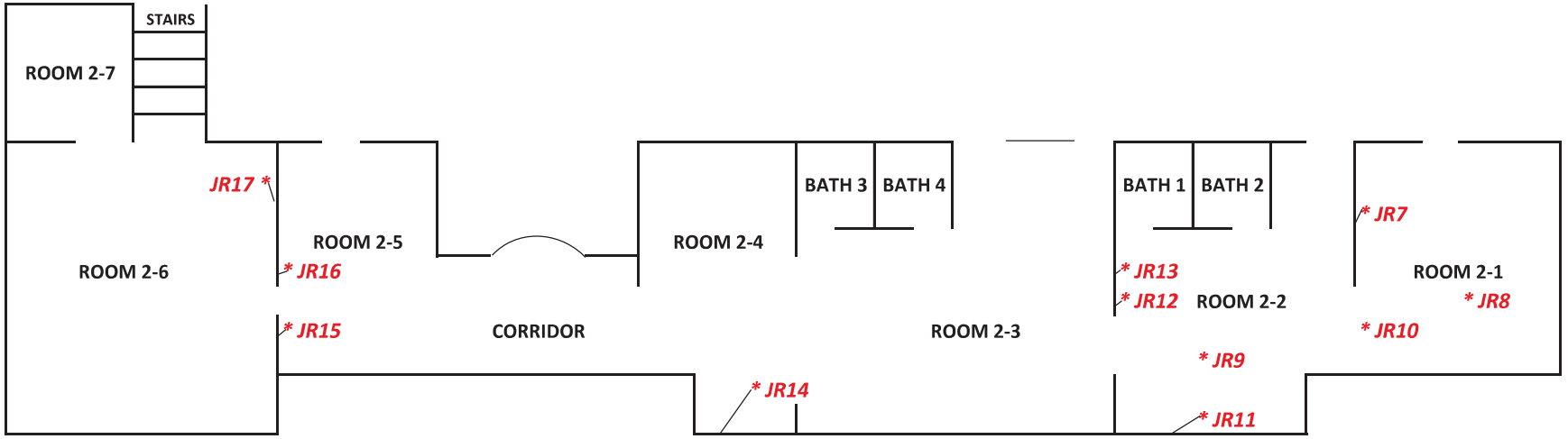
NOT TO SCALE

Schematic Location of Bulk Sampling Points at Bleachers Area - 1st Floor/Control Cabin (Area A) of "Parque del Tercer Milenio" (Area B) in San Juan, PR



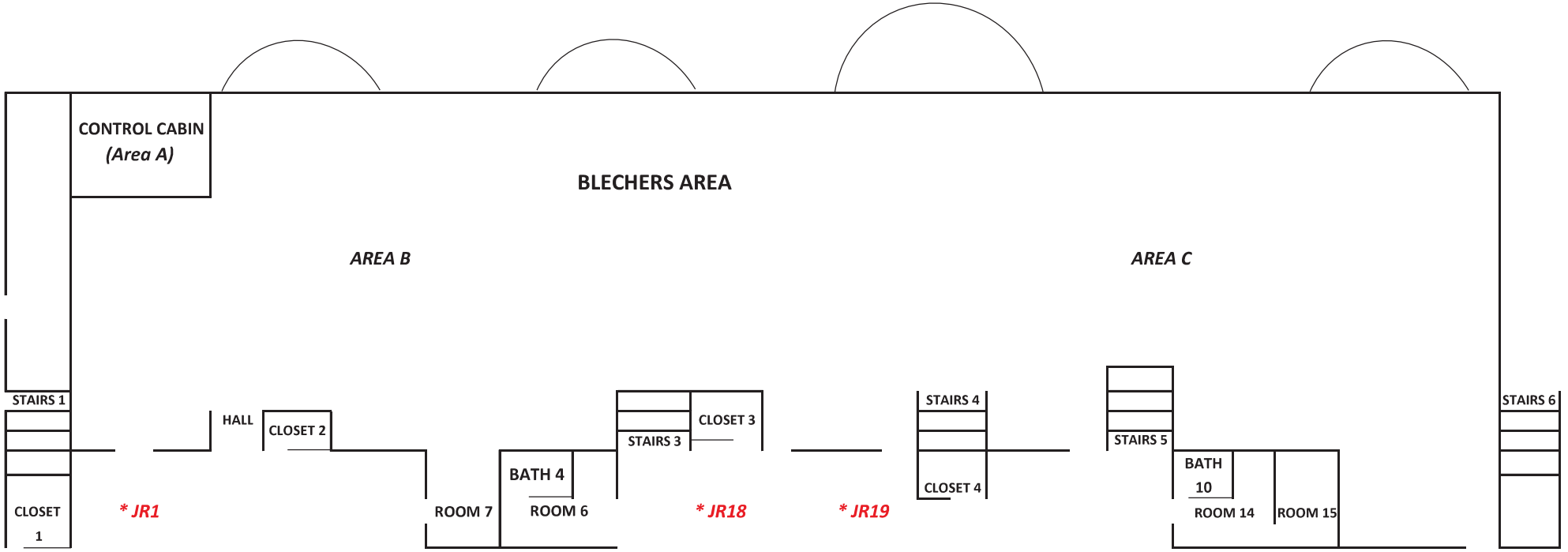
NOT TO SCALE

Schematic Location of Bulk Sampling Points at Bleachers Area - 2nd Floor of "Parque del Tercer Milenio" (Area B) in San Juan, PR



NOT TO SCALE

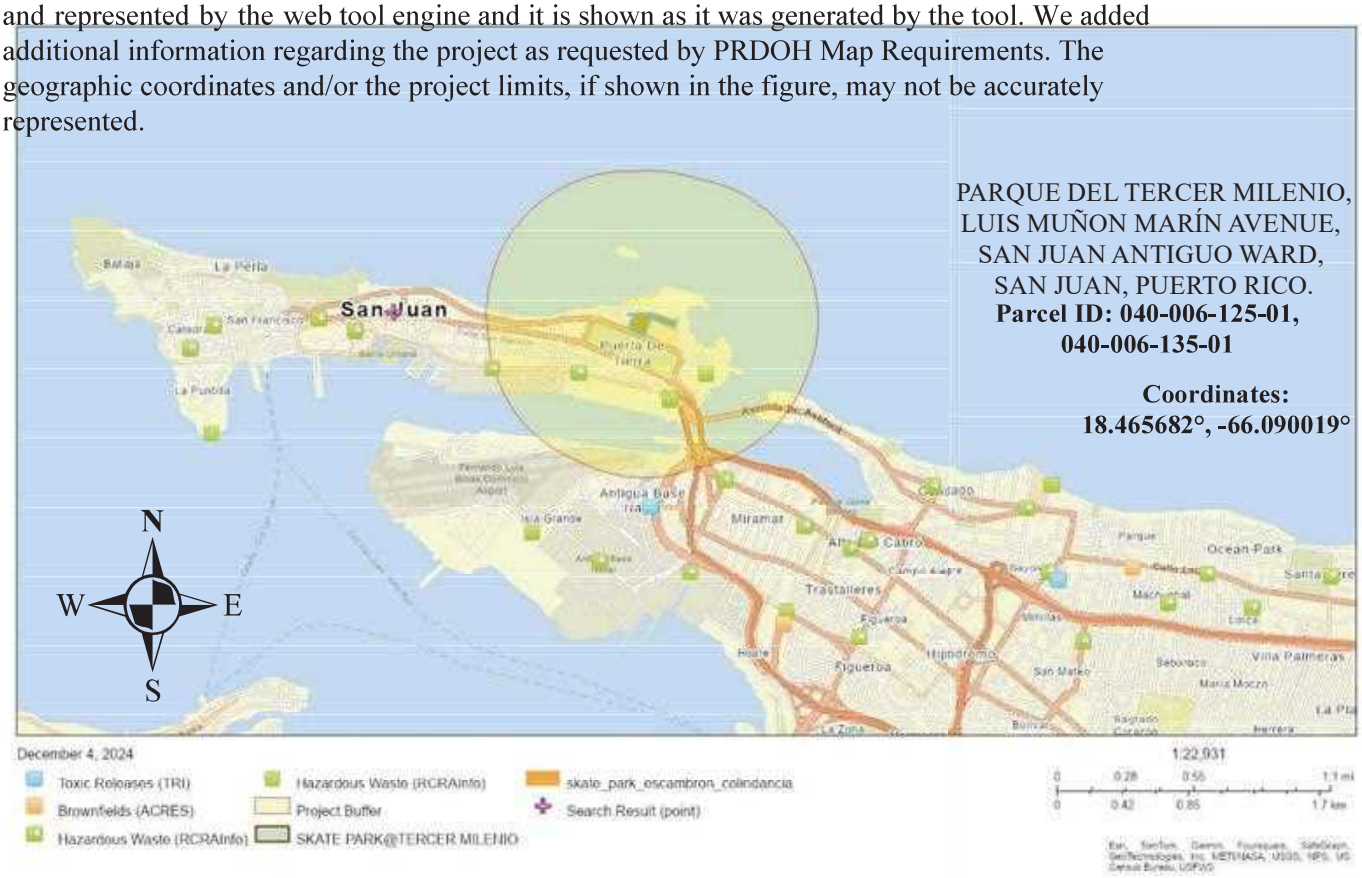
Schematic Location of Bulk Sampling Points at Bleachers Area - 1st Floor of "Parque del Tercer Milenio" (Area B) in San Juan, PR



NOT TO SCALE

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio

This figure was generated by a WEB Tool, the information depicted in the figure was produced and represented by the web tool engine and it is shown as it was generated by the tool. We added additional information regarding the project as requested by PRDOH Map Requirements. The geographic coordinates and/or the project limits, if shown in the figure, may not be accurately represented.



Input Coordinates: 18.466189,-66.089118,18.465814,-66.088085,18.465865,-66.087789,18.465371,-66.087977,18.465942,-66.089388,18.464911,-66.089819,18.465277,-66.090744,18.465422,-66.090780,18.465592,-66.090744,18.465797,-66.090654,18.465916,-66.090556,18.465967,-66.090484,18.466078,-66.090556,18.466172,-66.090798,18.466189,-66.090798,18.466232,-66.090861,18.466249,-66.089370,18.466206,-66.089334,18.466189,-66.089118	
Project Area	0.01 sq mi
Within 3000 feet of an Ozone 1-hr (1979 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2015 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	yes
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a CO Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a NO2 Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	yes

Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	Available Online
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	yes
Within 3000 feet of a hazardous waste (RCRA) facility?	yes
Within 3000 feet of an air emission facility?	yes
Within 3000 feet of a school?	no
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	no
Within 3000 feet of a designated sole source aquifer?	no
Within 3000 feet of a historic property on the National Register of Historic Places?	yes
Within 3000 feet of a Chemical Data Reporting (CDR) site?	no
Within 3000 feet of a Land Cession Boundary?	no
Within 3000 feet of a tribal area (lower 48 states)?	no
Within 3000 feet of the service area of a mitigation or conservation bank?	no
Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	yes
Within 3000 feet of a Munitions Response Site?	no
Within 3000 feet of an Essential Fish Habitat (EFH)?	yes
Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Created on: 12/4/2024 9:40:53 AM

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio

This figure was generated by a WEB Tool, the information depicted in the figure was produced and represented by the web tool engine and it is shown as it was generated by the tool. We added additional information regarding the project as requested by PRDOH Map Requirements. The geographic coordinates and/or the project limits, if shown in the figure, may not be accurately represented.



PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

R ***Within 3000 feet of a Hazardous waste site?***

Modify question by entering a new buffer distance and unit for the selected study area:

3000 | feet | Submit

Name	Distance
☐ COMMONWEALTH OF PR HEAD QUARTERS STARC (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PR0000273722)	2684.50 feet

Registry ID: 110004888113
Primary Name: COMMONWEALTH OF PR HEAD QUARTERS STARC
Address: STOP 3 1 2 PUERTA DE TIERRA
City: SAN JUAN
County: SAN JUAN
State: PR
EPA Region: Region 02
ZIP Code: 00902 3786
Latitude: 18.462939
Longitude: -66.098093
Program_System Acronym: RCRAINFO
Program System ID: PR0000273722
FIPS Code: 72127
HUC Code:
Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PR0000273722

Name	Distance
☐ US NAVY NAS SAN JUAN AIR STATION (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PR3170072968)	1416.79 feet
Registry ID: 110004888658 **Primary Name:** US NAVY NAS SAN JUAN AIR STATION **Address:** 400 FERNANDEZ JUNCOS AVE **City:** SAN JUAN **County:** SAN JUAN **State:** PR **EPA Region:** Region 02 **ZIP Code:** 00901 **Latitude:** 18.46274 **Longitude:** -66.09385 **Program_System Acronym:** RCRAINFO **Program System ID:** PR3170072968 **FIPS Code:** 72127 **HUC Code:** **Facility URL:** https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PR3170072968	
☐ FOOD DRUG ADMINISTRATION BLDG (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD987370855)	1223.91 feet
Registry ID: 110004889602 **Primary Name:** FOOD DRUG ADMINISTRATION BLDG **Address:** 466 FERNANDEZ JUNCOS AVE **City:** SAN JUAN **County:** SAN JUAN **State:** PR **EPA Region:** Region 02 **ZIP Code:** 00901 3223 **Latitude:** 18.46249 **Longitude:** -66.09273 **Program_System Acronym:** RCRAINFO **Program System ID:** PRD987370855 **FIPS Code:** 72127 **HUC Code:** **Facility URL:** https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD987370855	
☐ DAWN PRINCESS (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000012310)	1282.30 feet
Registry ID: 110004895515 **Primary Name:** DAWN PRINCESS **Address:** 408 FERNANDEZ JUNCOS AVE **City:** SAN JUAN **County:** SAN JUAN **State:** PR **EPA Region:** Region 02 **ZIP Code:** 00901 3202 **Latitude:** 18.46257 **Longitude:** -66.09312 **Program_System Acronym:** RCRAINFO **Program System ID:** PRR000012310 **FIPS Code:** 72127 **HUC Code:** **Facility URL:** https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000012310	

Name	Distance
☐ DEPT OF EDUCATION JOSE CELSO BARBOSA (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PR0000367581) **Registry ID:** 110007803038 **Primary Name:** DEPT OF EDUCATION JOSE CELSO BARBOSA **Address:** AVE PONCE DE LEON **City:** SAN JUAN **County:** SAN JUAN **State:** PR **EPA Region:** Region 02 **ZIP Code:** 00901 **Latitude:** 18.465353 **Longitude:** -66.09879 **Program_System Acronym:** RCRAINFO **Program System ID:** PR0000367581 **FIPS Code:** 72127 **HUC Code:** **Facility URL:** https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PR0000367581	2766.14 feet
☐ SUN PRINCESS (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000012328) **Registry ID:** 110009438019 **Primary Name:** SUN PRINCESS **Address:** 408 FERNANDEZ JUNCOS AVE **City:** SAN JUAN **County:** SAN JUAN **State:** PR **EPA Region:** Region 02 **ZIP Code:** 00901 3202 **Latitude:** 18.46257 **Longitude:** -66.09312 **Program_System Acronym:** RCRAINFO **Program System ID:** PRR000012328 **FIPS Code:** 72127 **HUC Code:** **Facility URL:** https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000012328	1282.30 feet
☐ U P R CENTRAL ADMINISTRATION (RIO PIEDRAS,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000014803) **Registry ID:** 110012220444 **Primary Name:** U P R CENTRAL ADMINISTRATION **Address:** RD 1 KM 12 9 AGRICULTURAL **City:** RIO PIEDRAS **County:** SAN JUAN **State:** PR **EPA Region:** Region 02 **ZIP Code:** 00936 **Latitude:** 18.461185 **Longitude:** -66.088245 **Program_System Acronym:** RCRAINFO **Program System ID:** PRR000014803 **FIPS Code:** 72127 **HUC Code:** **Facility URL:** https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000014803	1458.87 feet

Name	Distance
☐ EL CARIBE HILTON HOTEL (SAN JUAN,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000022095) **Registry ID:** 110038910603 **Primary Name:** EL CARIBE HILTON HOTEL **Address:** 1 SAN GEROMINO ST **City:** SAN JUAN **County:** SAN JUAN **State:** PR **EPA Region:** Region 02 **ZIP Code:** 00901 **Latitude:** 18.46266 **Longitude:** -66.08603 **Program_System Acronym:** RCRAINFO **Program System ID:** PRR000022095 **FIPS Code:** 72127 **HUC Code:** **Facility URL:** https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000022095	1193.49 feet

Detailed Facility Report

Facility Summary

CARIBE HILTON HOTEL

1 CALLE SAN GERONIMO, SAN JUAN, PR 00901

FRS (Facility Registry Service) ID: 110038910603

EPA Region: 02

Latitude: 18.46266

Longitude: -66.08603

Locational Data Source: FRS

Industries: Accommodation

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	07/03/2013
Compliance Status	Not Applicable
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): Temporarily Closed Minor (PR0000007212700026)

Clean Water Act (CWA): Non-Major, (PRU020779)

Resource Conservation and Recovery Act (RCRA): Active Other, (PRR000022095)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Go To Enforcement/Compliance Details
Known Data Problems <https://epa.gov/resources/echo-data/known-data-problems>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110038910603					N	18.46266	-66.08603
ICIS-Air	CAA	PR0000007212700026	Minor Emissions	Temporarily Closed	CAASIP		N	18.463602	-66.085864

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
ICIS-NPDES	CWA	PRU020779	Non-Major: Unpermitted Facility				N	18.462417	-66.086083
RCRAInfo	RCRA	PRR000022095	Other	Active (H)			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110038910603	CARIBE HILTON HOTEL	1 CALLE SAN GERONIMO, SAN JUAN, PR 00901	San Juan Municipio
ICIS-Air	CAA	PR0000007212700026	CARIBE HILTON HOTEL	SAN GERO AVE MUNOZ RIVERA, SAN JUAN, PR 00903	San Juan Municipio
ICIS-NPDES	CWA	PRU020779	CARIBE HILTON HOTEL AND CONDADO LAGOON VILLAS PHASE I AND II SEWAGE COLLECTION S	1 SAN GERÓNIMO STREET, SAN JUAN, PR 00902-1873	San Juan Municipio
RCRAInfo	RCRA	PRR000022095	EL CARIBE HILTON HOTEL	1 SAN GEROMINO ST, SAN JUAN, PR 00901	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007212700026	7011	Hotels And Motels

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	PR0000007212700026	622110	General Medical and Surgical Hospitals
RCRAInfo	PRR000022095	721110	Hotels (except Casino Hotels) and Motels

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description

No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <https://www.epa.gov/compliance/compliance-monitoring-programs> *activities or because they are not counted as inspections within EPA's Annual Results* <https://www.epa.gov/enforcement/enforcement-data-and-results>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	PR0000007212700026	No	11/30/2024	0	11/29/2024
CWA	PRU020779	No	06/30/2024	0	11/29/2024
RCRA	PRR000022095	No	11/30/2024	0	11/29/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: PR0000007212700026)					01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History															
	Violation Type	Agency	Programs	Pollutants												

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PRU020779)		07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-11/29/24
	Facility-Level Status	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Quarterly Noncompliance Report History													

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000022095)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100050501	Laguna San Jose, Laguna Torrecilla, Laguna de Pinones D Watersheds	--	No	No	--	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2022	PREC12	Punta del Morro to west side of Condado Bridge	Impaired - 303(d) Listed	PATHOGENS | PH/ACIDITY/CAUSTIC CONDITIONS | TURBIDITY	--	Not Supporting	--	Not Supporting	--

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	No	--	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

CWA (Clean Water Act) Discharge Monitoring Report (DMR) Pollutant Loadings

DMR and TRI Multi-Year Loading Report

NPDES ID	Description

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type: Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

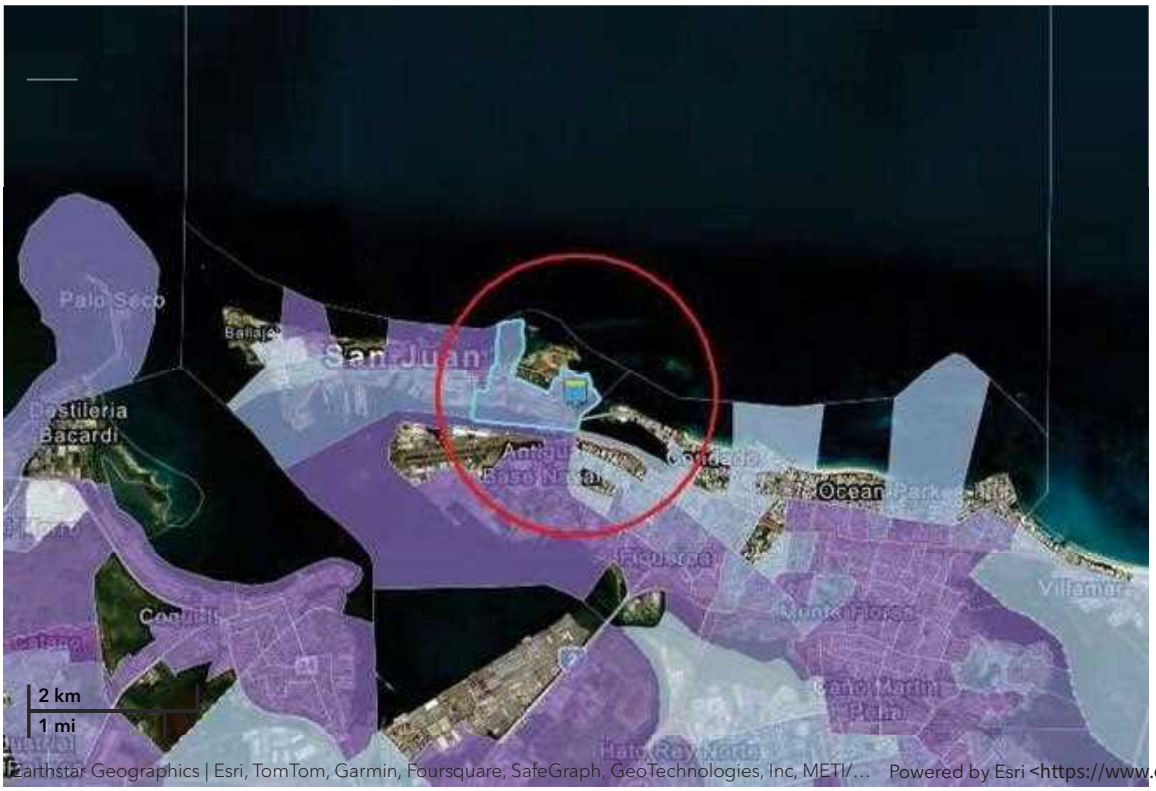
Census Block Group ID: 721270007002	US (Percentile)			State (Percentile)		
Supplemental Indexes	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**
Count of Indexes At or Above 90th Percentile	**3**	**3**	**9**	**0**	**0**	**4**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	82	74	! 99	63	56	! 97
Air Toxics Cancer Risk	47	47	54	21	20	78
Air Toxics Respiratory Hazard Index	29	28	37	23	22	78
Toxic Releases to Air	82	81	! 98	31	29	60
Traffic Proximity	! 95	! 94	! 99	60	56	! 94

Census Block Group ID: 721270007002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Lead Paint	85	87	! 99	49	48	! 96
Risk Management Plan (RMP) Facility Proximity	! 93	! 93	! 99	54	54	! 93
Hazardous Waste Proximity	82	84	! 98	42	44	88
Superfund Proximity	83	81	! 98	26	24	49
Underground Storage Tanks (UST)	86	84	! 99	63	62	89
Wastewater Discharge	! 96	! 95	! 99	54	52	! 93

Map Display Based on: (•) US ( ) State

Display Map Layer: Summary - Number of Indexes

( ) Facility 1-mile Radius [ ] Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <https://epa.gov/help/reports/dfr-data-dictionary#demographic>.

General Statistics (ACS (American Community Survey))	
Total Persons	10,788
Population Density	9,223/sq.mi.

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	217 (2%)
Minors 17 years and younger	945 (9%)

General Statistics (ACS (American Community Survey))	
Housing Units in Area	6,933
Percent People of Color	97%
Households in Area	4,669
Households on Public Assistance	258
Persons With Low Income	3,788
Percent With Low Income	39%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.46266
Center Longitude	-66.08603
Land Area	37%
Water Area	63%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	919 (19.68%)
$15,000 - $25,000	532 (11.39%)
$25,000 - $50,000	922 (19.75%)
$50,000 - $75,000	591 (12.66%)
Greater than $75,000	1,705 (36.52%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Adults 18 years and older	9,846 (91%)
Seniors 65 years and older	2,912 (27%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	6,513 (60%)
African-American	0 (0%)
Hispanic-Origin	10,295 (95%)
Asian	98 (1%)
Hawaiian/Pacific Islander	7 (0%)
American Indian	13 (0%)
Other/Multiracial	1,582 (15%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	361 (3.97%)
9th through 12th Grade	328 (3.61%)
High School Diploma	1,589 (17.48%)
Some College/2-year	760 (8.36%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	5,513 (60.64%)

Detailed Facility Report

Facility Summary

COMMONWEALTH OF PR - HEAD QUARTERS STARC

STOP 3 1/2 PUERTA DE TIERRA, SAN JUAN, PR 00902

FRS (Facility Registry Service) ID: 110004888113

EPA Region: 02

Latitude: 18.462939

Longitude: -66.098093

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PR0000273722)

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI):
No Information

Go To Enforcement/Compliance Details
Known Data Problems <https://epa.gov/resources/echo-data/known-data-problems>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004888113					N	18.462939	-66.098093
RCRAInfo	RCRA	PR0000273722	VSQG	Active (H)			N	18.462939	-66.098093

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004888113	COMMONWEALTH OF PR - HEAD QUARTERS STARC	STOP 3 1/2 PUERTA DE TIERRA, SAN JUAN, PR 00902	San Juan Municipio
RCRAInfo	RCRA	PR0000273722	COMMONWEALTH OF PR - HEAD QUARTERS STARC	STOP 3 1/2 PUERTA DE TIERRA, SAN JUAN, PR 00902-3786	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <https://www.epa.gov/compliance/compliance-monitoring-programs> *activities or because they are not counted as inspections within EPA's Annual Results* <https://www.epa.gov/enforcement/enforcement-data-and-results>*.*

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PR0000273722	No	11/30/2024	0	11/29/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PR0000273722)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation / Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	No	--	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type: Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

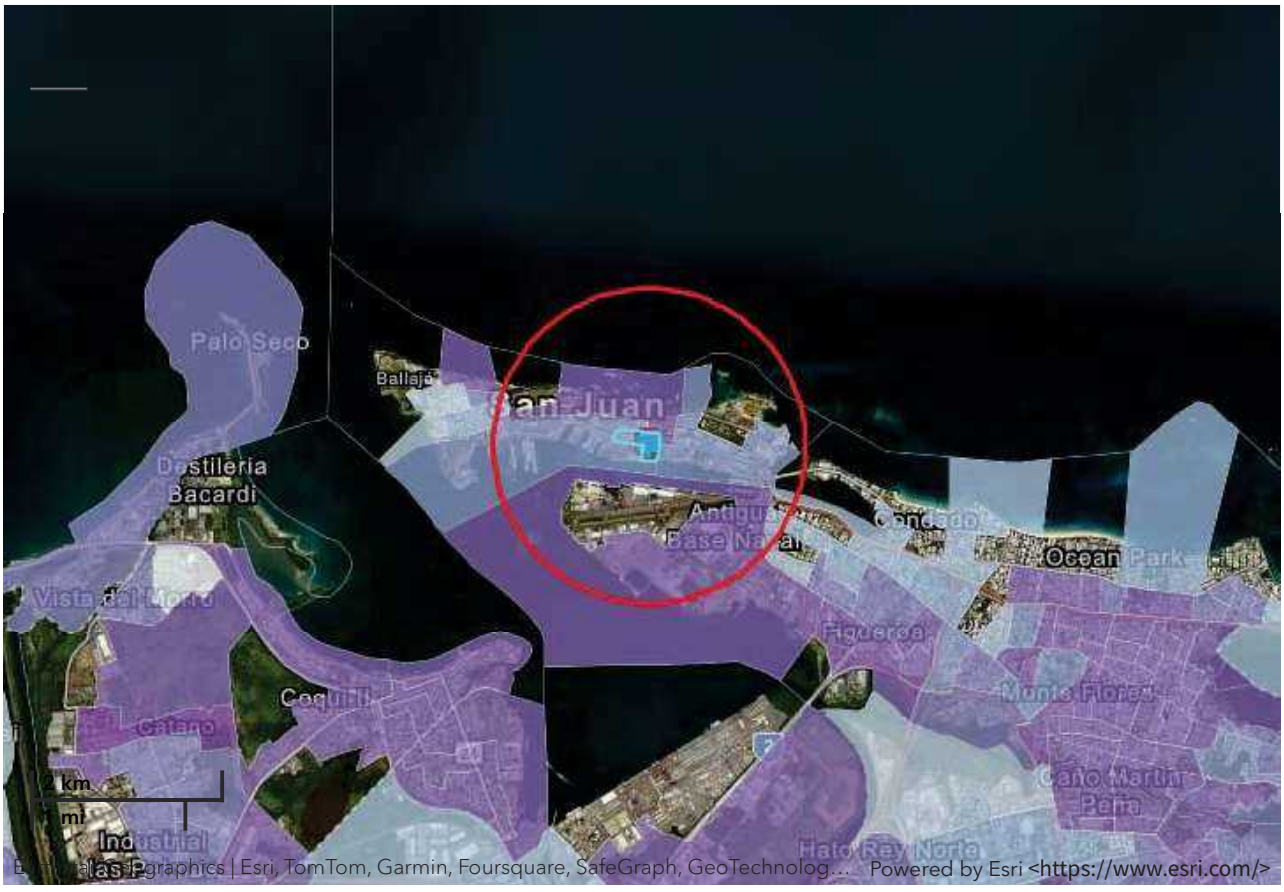
Census Block Group ID: 721270006001	US (Percentile)			State (Percentile)		
Supplemental Indexes	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**
Count of Indexes At or Above 90th Percentile	**0**	**8**	**9**	**0**	**0**	**4**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	0	! 93	! 99	0	78	! 97
Air Toxics Cancer Risk	0	85	54	0	0	78
Air Toxics Respiratory Hazard Index	0	31	37	0	30	78
Toxic Releases to Air	0	! 90	! 98	0	41	60
Traffic Proximity	0	! 98	! 99	0	69	! 94

Census Block Group ID: 721270006001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Lead Paint	0	94	99	0	60	96
Risk Management Plan (RMP) Facility Proximity	0	97	99	0	69	93
Hazardous Waste Proximity	0	92	98	0	62	88
Superfund Proximity	0	89	98	0	33	49
Underground Storage Tanks (UST)	0	90	99	0	65	89
Wastewater Discharge	0	98	99	0	63	93

Map Display Based on: (•) US ( ) State

Display Map Layer: Summary - Number of Indexes

( ) Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing

methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <https://epa.gov/help/reports/dfr-data-dictionary#demographic>.

General Statistics (ACS (American Community Survey))	
Total Persons	5,487
Population Density	4,498/sq.mi.
Housing Units in Area	2,716
Percent People of Color	97%
Households in Area	2,014
Households on Public Assistance	186
Persons With Low Income	2,394
Percent With Low Income	55%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.462939
Center Longitude	-66.098093
Land Area	39%
Water Area	61%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	623 (31.03%)
$15,000 - $25,000	337 (16.78%)
$25,000 - $50,000	252 (12.55%)
$50,000 - $75,000	183 (9.11%)
Greater than $75,000	613 (30.53%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	168 (3%)
Minors 17 years and younger	553 (10%)
Adults 18 years and older	4,935 (90%)
Seniors 65 years and older	1,372 (25%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	3,269 (60%)
African-American	0 (0%)
Hispanic-Origin	5,295 (97%)
Asian	6 (0%)
Hawaiian/Pacific Islander	7 (0%)
American Indian	2 (0%)
Other/Multiracial	758 (14%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	372 (8.33%)
9th through 12th Grade	275 (6.15%)
High School Diploma	1,207 (27.01%)
Some College/2-year	376 (8.42%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,973 (44.16%)

Detailed Facility Report

Facility Summary

DEPT OF EDUCATION - JOSE CELSO BARBOSA

AVE PONCE DE LEON, SAN JUAN, PR 00901

FRS (Facility Registry Service) ID: 110007803038

EPA Region: 02

Latitude: 18.465353

Longitude: -66.09879

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PR0000367581)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI):
No Information

Go To Enforcement/Compliance Details
Known Data Problems <https://epa.gov/resources/echo-data/known-data-problems>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007803038					N	18.465353	-66.09879
RCRAInfo	RCRA	PR0000367581	Other	Inactive ( )			N	18.465353	-66.09879

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007803038	DEPT OF EDUCATION - JOSE CELSO BARBOSA	AVE PONCE DE LEON, SAN JUAN, PR 00901	San Juan Municipio
RCRAInfo	RCRA	PR0000367581	DEPT OF EDUCATION - JOSE CELSO BARBOSA	AVE PONCE DE LEON, SAN JUAN, PR 00901	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <https://www.epa.gov/compliance/compliance-monitoring-programs> *activities or because they are not counted as inspections within EPA's Annual Results* <https://www.epa.gov/enforcement/enforcement-data-and-results>*.*

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PR0000367581	No	11/30/2024	0	11/29/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PR0000367581)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation / Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	No	--	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type: Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

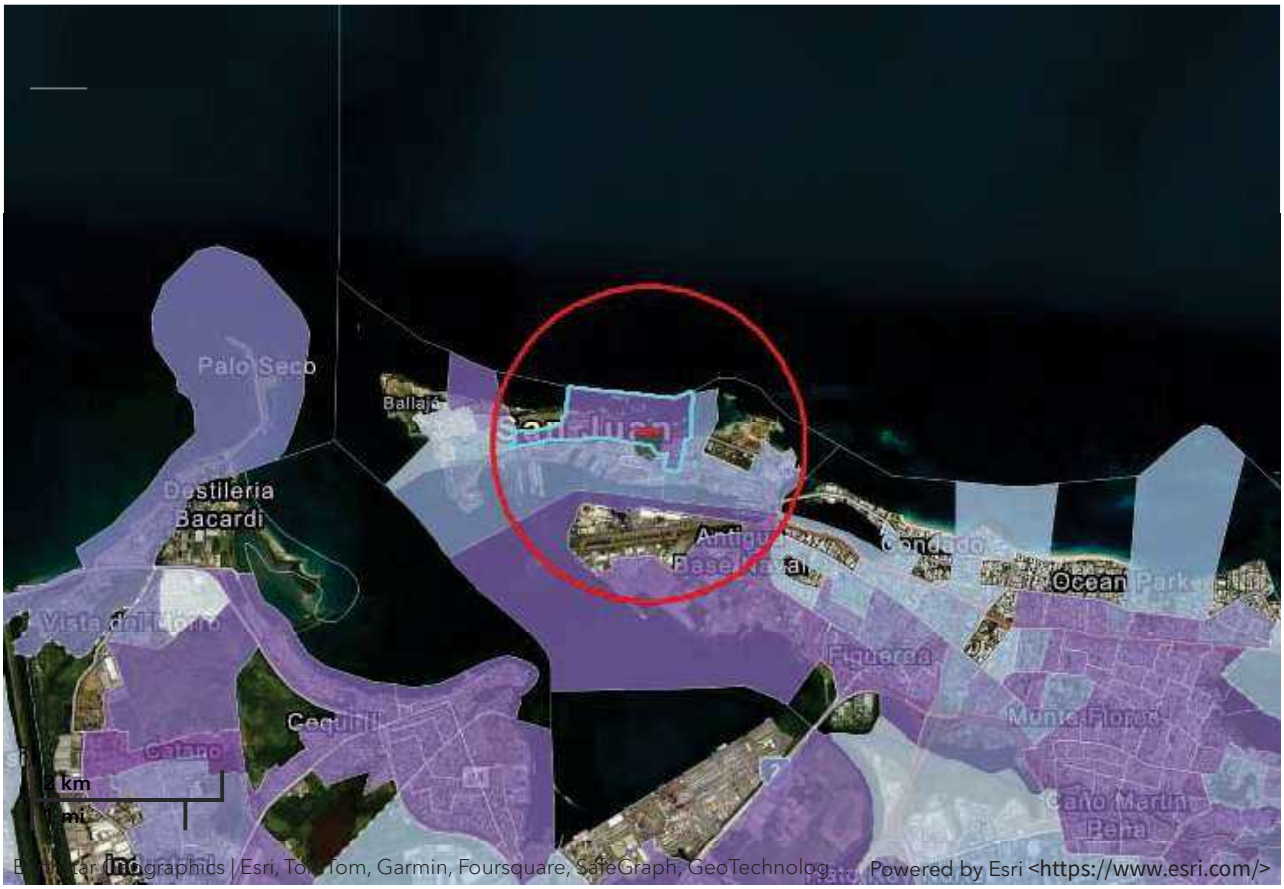
Census Block Group ID: 721270007001	US (Percentile)			State (Percentile)		
Supplemental Indexes	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**
Count of Indexes At or Above 90th Percentile	**9**	**8**	**9**	**4**	**0**	**7**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	! 98	! 95	! 99	! 97	79	! 99
Air Toxics Cancer Risk	54	50	55	78	28	! 92
Air Toxics Respiratory Hazard Index	37	31	40	78	30	! 91
Toxic Releases to Air	! 98	! 90	! 99	60	42	74

Census Block Group ID: 721270007001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Traffic Proximity	99	97	99	94	68	94
Lead Paint	99	95	99	96	61	98
Risk Management Plan (RMP) Facility Proximity	99	97	99	93	69	94
Hazardous Waste Proximity	98	93	99	88	63	98
Superfund Proximity	98	90	99	49	33	61
Underground Storage Tanks (UST)	99	88	99	89	64	89
Wastewater Discharge	99	98	99	87	63	96

Map Display Based on: (•) US ( ) State

Display Map Layer: Summary - Number of Indexes

( ) Facility 1-mile Radius [ ] Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S.

Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <https://epa.gov/help/reports/dfr-data-dictionary#demographic>.

General Statistics (ACS (American Community Survey))	
Total Persons	4,974
Population Density	4,477/sq.mi.
Housing Units in Area	2,353
Percent People of Color	97%
Households in Area	1,730
Households on Public Assistance	178
Persons With Low Income	2,246
Percent With Low Income	58%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.465353
Center Longitude	-66.09879
Land Area	36%
Water Area	64%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	560 (32.37%)
$15,000 - $25,000	329 (19.02%)
$25,000 - $50,000	220 (12.72%)
$50,000 - $75,000	148 (8.55%)
Greater than $75,000	473 (27.34%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	155 (3%)
Minors 17 years and younger	506 (10%)
Adults 18 years and older	4,466 (90%)
Seniors 65 years and older	1,171 (24%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,955 (59%)
African-American	0 (0%)
Hispanic-Origin	4,785 (96%)
Asian	3 (0%)
Hawaiian/Pacific Islander	7 (0%)
American Indian	1 (0%)
Other/Multiracial	635 (13%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	372 (9.24%)
9th through 12th Grade	268 (6.65%)
High School Diploma	1,165 (28.92%)
Some College/2-year	355 (8.81%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,647 (40.89%)

Detailed Facility Report

Facility Summary

FOOD AND DRUG ADMINISTRATION, SAN JUAN DISTRICT OFFICE

466 FERNANDEZ JUNCOS AVE, SAN JUAN, PR 00901

FRS (Facility Registry Service) ID: 110004889602

EPA Region: 02

Latitude: 18.46249

Longitude: -66.09273

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	05/22/2014
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRD987370855)

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI):
No Information

Go To Enforcement/Compliance Details
Known Data Problems <https://epa.gov/resources/echo-data/known-data-problems>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004889602					N	18.46249	-66.09273
ICIS		3400093179					N	18.46203	-66.090949
RCRAInfo	RCRA	PRD987370855	VSQG	Active (H)			N	18.46203	-66.090949

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004889602	FOOD AND DRUG ADMINISTRATION, SAN JUAN DISTRICT OFFICE	466 FERNANDEZ JUNCOS AVE, SAN JUAN, PR 00901	San Juan Municipio
ICIS		3400093179	FOOD & DRUG ADMIN	466 FERNANDEZ JUNCOS AVE, SAN JUAN, PR 00901	San Juan Municipio
RCRAInfo	RCRA	PRD987370855	FOOD & DRUG ADMINISTRATION BLDG	466 FERNANDEZ JUNCOS AVE, SAN JUAN, PR 00901-3223	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <https://www.epa.gov/compliance/compliance-monitoring-programs> *activities or because they are not counted as inspections within EPA's Annual Results* <https://www.epa.gov/enforcement/enforcement-data-and-results>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD987370855	No	11/30/2024	0	11/29/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRD987370855)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation / Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	No	--	No	--

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 8/31/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRD987370855	Hazardous Waste	623	655	605	522
PRD987370855	Acute Hazardous Waste	0 - 5	0	0	0
PRD987370855	Pharmaceutical Hazardous Waste	0	0	0	0

“Pharmaceutical Hazardous Waste” refers to quantities managed under 40 CFR part 266 subpart P and thus excluded from the Hazardous and Acute Hazardous Waste quantities shown above.

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type: Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 721270007002	US (Percentile)			State (Percentile)		
Supplemental Indexes	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**
Count of Indexes At or Above 90th Percentile	**3**	**3**	**9**	**0**	**0**	**4**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	82	83	! 99	63	60	! 97
Air Toxics Cancer Risk	47	47	54	21	21	78
Air Toxics Respiratory Hazard Index	29	29	37	23	23	78
Toxic Releases to Air	82	83	! 98	31	32	60
Traffic Proximity	! 95	! 95	! 99	60	57	! 94
Lead Paint	85	85	! 99	49	46	! 96
Risk Management Plan (RMP) Facility Proximity	! 93	! 94	! 99	54	56	! 93
Hazardous Waste Proximity	82	86	! 98	42	48	88
Superfund Proximity	83	83	! 98	26	26	49
Underground Storage Tanks (UST)	86	84	! 99	63	62	89
Wastewater Discharge	! 96	! 95	! 99	54	53	! 93

Map Display Based on: (•) US ( ) State

Display Map Layer: Summary - Number of Indexes

( ) Facility 1-mile Radius [ ] Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <https://epa.gov/help/reports/dfr-data-dictionary#demographic>.

General Statistics (ACS (American Community Survey))	
Total Persons	8,325
Population Density	6,572/sq.mi.
Housing Units in Area	4,752
Percent People of Color	97%
Households in Area	3,457
Households on Public Assistance	236
Persons With Low Income	3,115
Percent With Low Income	43%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.46249
Center Longitude	-66.09273
Land Area	41%
Water Area	59%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	779 (22.53%)
$15,000 - $25,000	444 (12.84%)
$25,000 - $50,000	592 (17.12%)
$50,000 - $75,000	381 (11.02%)
Greater than $75,000	1,262 (36.5%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	186 (2%)
Minors 17 years and younger	733 (9%)
Adults 18 years and older	7,590 (91%)
Seniors 65 years and older	2,319 (28%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	5,199 (62%)
African-American	0 (0%)
Hispanic-Origin	8,010 (96%)
Asian	41 (0%)
Hawaiian/Pacific Islander	7 (0%)
American Indian	4 (0%)
Other/Multiracial	1,127 (14%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	341 (4.85%)
9th through 12th Grade	314 (4.47%)
High School Diploma	1,385 (19.71%)
Some College/2-year	574 (8.17%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	4,053 (57.67%)

Detailed Facility Report

Facility Summary

FORT BUCHANAN - AREA MAINTENANCE SUPPORT ACTIVITY

PR-26 KM 0.1 BLDG 653, PORT BUCHANAN, PR 00934

FRS (Facility Registry Service) ID: 110006868924

EPA Region: 02

Latitude: 18.458112

Longitude: -66.085495

Locational Data Source: UNKNOWN

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PR4210514689)

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI):
No Information

Go To Enforcement/Compliance Details
Known Data Problems <https://epa.gov/resources/echo-data/known-data-problems>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110006868924					N		
RCRAInfo	RCRA	PR4210514689	VSQG	Active (H)			N	18.458112	-66.085495

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006868924	FORT BUCHANAN - AREA MAINTENANCE SUPPORT ACTIVITY	PR-26 KM 0.1 BLDG 653, PORT BUCHANAN, PR 00934	Bayamón Municipio
RCRAInfo	RCRA	PR4210514689	AREA MAINTENANCE SPT ACTIVITY	STATE RD 26 KM 0.1 BLDG 653, FORT BUCHANAN, PR 00934	Bayamón Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <https://www.epa.gov/compliance/compliance-monitoring-programs> *activities or because they are not counted as inspections within EPA's Annual Results* <https://www.epa.gov/enforcement/enforcement-data-and-results>.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PR4210514689	No	11/30/2024	0	11/29/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PR4210514689)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation / Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	No	--	No	--

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 8/31/2024)

Source ID	Waste Description	2021	2022	2023	2024
PR4210514689	Hazardous Waste	--	304	--	--
PR4210514689	Acute Hazardous Waste	--	0	--	--
PR4210514689	Pharmaceutical Hazardous Waste	--	0	--	--

“Pharmaceutical Hazardous Waste” refers to quantities managed under 40 CFR part 266 subpart P and thus excluded from the Hazardous and Acute Hazardous Waste quantities shown above.

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type: Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 721270009002	US (Percentile)			State (Percentile)		
Supplemental Indexes	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**
Count of Indexes At or Above 90th Percentile	**3**	**4**	**9**	**0**	**0**	**5**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	61	75	! 99	49	61	! 97
Air Toxics Cancer Risk	45	45	54	19	0	78
Air Toxics Respiratory Hazard Index	28	29	37	21	24	78
Toxic Releases to Air	78	84	! 98	24	32	60
Traffic Proximity	! 93	! 96	! 99	55	61	! 94
Lead Paint	86	89	! 99	47	52	! 96
Risk Management Plan (RMP) Facility Proximity	! 91	! 95	! 99	49	59	! 93
Hazardous Waste Proximity	81	86	! 98	41	50	88
Superfund Proximity	77	84	! 98	21	26	49
Underground Storage Tanks (UST)	0	! 90	! 99	0	63	! 91
Wastewater Discharge	! 94	! 96	! 99	50	58	! 94

Map Display Based on: (•) US ( ) State

Display Map Layer: Summary - Number of Indexes

( ) Facility 1-mile Radius [ ] Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <https://epa.gov/help/reports/dfr-data-dictionary#demographic>.

General Statistics (ACS (American Community Survey))	
Total Persons	13,350
Population Density	9,160/sq.mi.
Housing Units in Area	8,862
Percent People of Color	98%
Households in Area	5,918
Households on Public Assistance	302
Persons With Low Income	5,286
Percent With Low Income	43%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.458112
Center Longitude	-66.085495
Land Area	47%
Water Area	53%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	1,298 (21.94%)
$15,000 - $25,000	702 (11.87%)
$25,000 - $50,000	1,259 (21.28%)
$50,000 - $75,000	708 (11.97%)
Greater than $75,000	1,949 (32.94%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	325 (2%)
Minors 17 years and younger	1,269 (10%)
Adults 18 years and older	12,085 (91%)
Seniors 65 years and older	3,579 (27%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	7,677 (58%)
African-American	0 (0%)
Hispanic-Origin	12,743 (95%)
Asian	118 (1%)
Hawaiian/Pacific Islander	7 (0%)
American Indian	14 (0%)
Other/Multiracial	2,274 (17%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	567 (5.06%)
9th through 12th Grade	385 (3.44%)
High School Diploma	2,001 (17.87%)
Some College/2-year	1,139 (10.17%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	6,356 (56.76%)

Detailed Facility Report

Facility Summary

U P R - CENTRAL ADMINISTRATION

RD 1 KM 12.9 AGRICULTURAL, RIO PIEDRAS, PR 00936

FRS (Facility Registry Service) ID: 110012220444

EPA Region: 02

Latitude: 18.461185

Longitude: -66.088245

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000014803)

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI):
No Information

Go To Enforcement/Compliance Details
Known Data Problems <https://epa.gov/resources/echo-data/known-data-problems>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110012220444					N	18.461185	-66.088245
RCRAInfo	RCRA	PRR000014803	VSQG	Active (H)			N	18.461185	-66.088245

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110012220444	U P R - CENTRAL ADMINISTRATION	RD 1 KM 12.9 AGRICULTURAL, RIO PIEDRAS, PR 00936	San Juan Municipio
RCRAInfo	RCRA	PRR000014803	U P R - CENTRAL ADMINISTRATION	RD 1 KM 12.9 AGRICULTURAL, RIO PIEDRAS, PR 00936	San Juan Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <https://www.epa.gov/compliance/compliance-monitoring-programs> *activities or because they are not counted as inspections within EPA's Annual Results* <https://www.epa.gov/enforcement/enforcement-data-and-results>*.*

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000014803	No	11/30/2024	0	11/29/2024

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000014803)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation / Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	No	--	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.

Potential Environmental Justice Concerns

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type: Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 721270007002	US (Percentile)			State (Percentile)		
Supplemental Indexes	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**	**Facility Census Block Group**	**1-mile Avg**	**1-mile Max**
Count of Indexes At or Above 90th Percentile	**3**	**3**	**9**	**0**	**0**	**4**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	82	77	! 99	63	58	! 97
Air Toxics Cancer Risk	47	47	54	21	21	78
Air Toxics Respiratory Hazard Index	29	29	37	23	23	78
Toxic Releases to Air	82	82	! 98	31	31	60

Census Block Group ID: 721270007002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Traffic Proximity	! 95	! 95	! 99	60	57	! 94
Lead Paint	85	88	! 99	49	49	! 96
Risk Management Plan (RMP) Facility Proximity	! 93	! 94	! 99	54	56	! 93
Hazardous Waste Proximity	82	85	! 98	42	47	88
Superfund Proximity	83	82	! 98	26	25	49
Underground Storage Tanks (UST)	86	85	! 99	63	62	! 91
Wastewater Discharge	! 96	! 95	! 99	54	54	! 93

Map Display Based on: (•) US ( ) State

Display Map Layer: Summary - Number of Indexes

( ) Facility 1-mile Radius [ ] Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S.

Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <https://epa.gov/help/reports/dfr-data-dictionary#demographic>.

General Statistics (ACS (American Community Survey))	
Total Persons	10,717
Population Density	8,289/sq.mi.
Housing Units in Area	6,855
Percent People of Color	97%
Households in Area	4,620
Households on Public Assistance	259
Persons With Low Income	3,896
Percent With Low Income	41%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.461185
Center Longitude	-66.088245
Land Area	41%
Water Area	59%

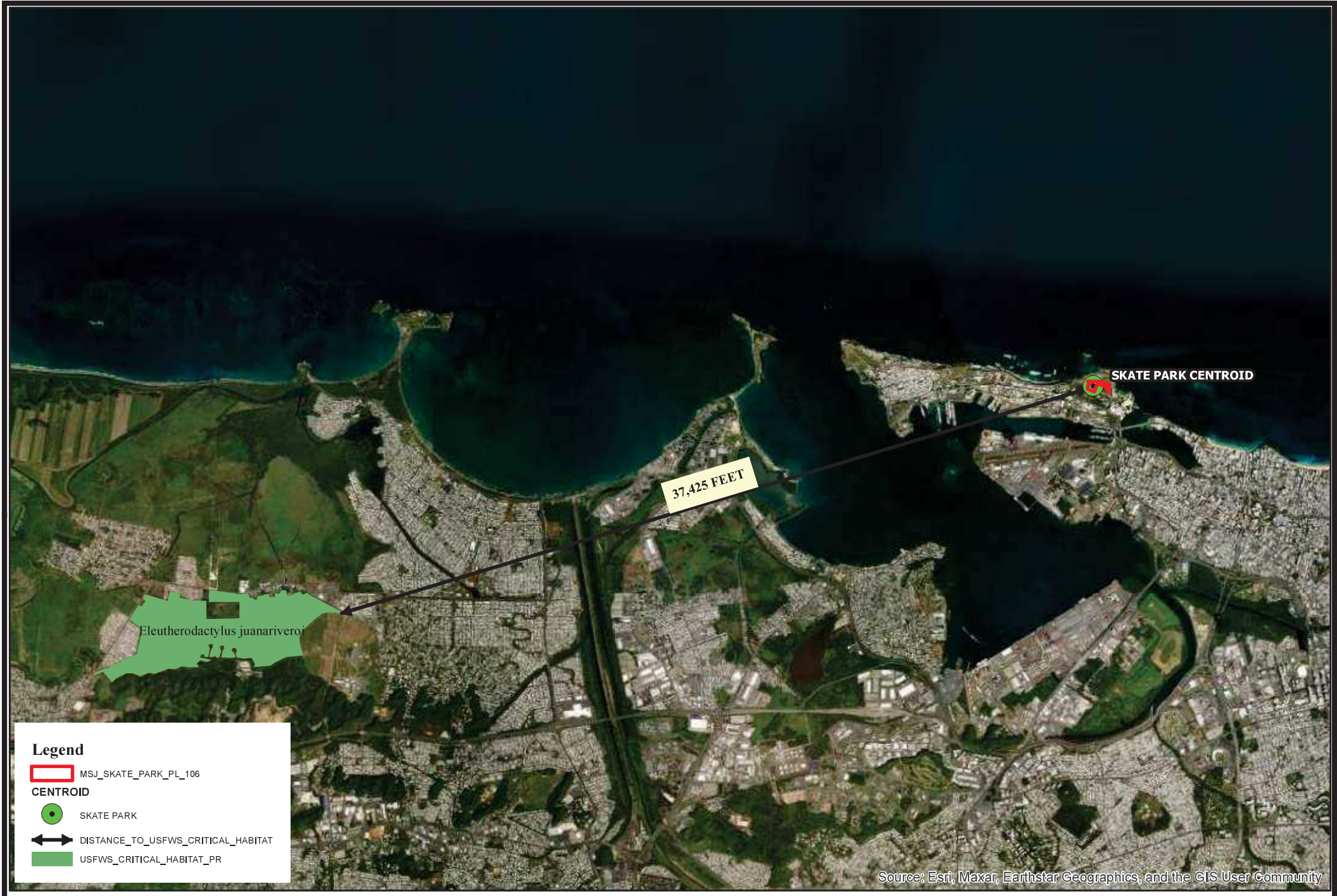
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	967 (20.93%)
$15,000 - $25,000	543 (11.75%)
$25,000 - $50,000	892 (19.31%)
$50,000 - $75,000	574 (12.42%)
Greater than $75,000	1,644 (35.58%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	221 (2%)
Minors 17 years and younger	967 (9%)
Adults 18 years and older	9,751 (91%)
Seniors 65 years and older	2,900 (27%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	6,443 (60%)
African-American	0 (0%)
Hispanic-Origin	10,250 (96%)
Asian	78 (1%)
Hawaiian/Pacific Islander	7 (0%)
American Indian	11 (0%)
Other/Multiracial	1,575 (15%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	368 (4.09%)
9th through 12th Grade	339 (3.77%)
High School Diploma	1,611 (17.91%)
Some College/2-year	774 (8.6%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	5,361 (59.59%)

Attachment VII: Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402



N
W E
S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
USFWS CRITICAL HABITAT
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 385 770 1,540 2,310 3,080
Meters

1:70,000

GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200

Based on the information provided, we determined the project proposed qualifies for the blanket clearance letter. Nevertheless, if the project is modified this office should be contacted concerning the need for the initiation of consultation under section 7 of Endangered Species Act of 1973.

Reviewer DAMARIS ROMAN RUIZ Digitally signed by DAMARIS ROMAN RUIZ Date: 2023.08.15 09:18:43 -04'00'

EDWIN MUNIZ Digitally signed by EDWIN MUNIZ Date: 2023.08.15 16:23:23 -04'00'

Caribbean ES Field Supervisor

July 12, 2023

Mr. Edwin Muñiz
Field Supervisor
Fish and Wildlife Service
Caribbean Ecological Services Field Office
PO Box 491
Boqueron, PR 00622

RE: Self-Certification under Blanket Clearance Letter for federally sponsored projects, Housing and Urban Development, for CRP-000935 Escambrón Skate Park @ Parque Tercer Milenio

Dear Mr. Muniz:

We submit for your review the enclosed Self-Certification to fulfill requirements related with the Blanket Clearance Letter dated January 14, 2013. This information is submitted to comply with Section 7 of the Endangered Species Act (ESA). The project is a CDBG-DR funded project; allocated by HUD to PRDOH as the grantee of the funds and the Municipality of San Juan as the subrecipient of the funds.

The Municipality of San Juan proposed the construction of the Parque del Tercer Milenio project includes the construction of a Skatepark in the southern section of the existing Ball Park and the construction of a linear passive park in the corridor along the existing athletics track (35,500 square feet total). The project includes the demolition of the two concrete stands with dugouts in the Baseball Field (1,634.580 square feet).

In the southern part of the ballpark, the Skatepark will be constructed, including pavements with obstacles and bowls for the practice of skateboarding at an international level, leaving an open field with grass on the northern side. The existing corridor along the track is to be remodeled to accommodate a children's linear passive park with play elements. In the other open areas, the pavements will be improved, and the existing landscaping will remain.

All the necessary infrastructure systems of water, sanitary sewer, electricity, and storm sewer are present in the existing park. The only structure to be built above ground level are two restrooms to serve Skatepark users and a canopy roof signaling the entrance to the Skatepark. The proposed project also entails the replacement of old lighting poles with new ones, improvements to existing pavements and landscape gardening for green areas, plus cutting and pruning of existing trees and plants.

Although the USFWS IpaC service identify the potential presence of Chilabothrus. inornatus (Puerto Rican Boa) the species was not found at the project site. A protocol to avoid/minimize impacts

to the species or its habitat is provided. A Flora and Fauna Assessment performed at the project site did not find endangered species, or its habitat, which may be adversely affected by the proposed project.

A PRDNER Natural Habitat Certification classified the site as Category 6 (Low probability of having or developing ecological value). The proposed project may affect, but is not likely to adversely affect Puerto Rican boas. If a Puerto Rican Boa is found in the project activity area, work shall cease until the Boa moves off on its own. If the Boa does not move off, the project manager shall contact the PR Department of Natural and Environmental Resources and ask for them to relocate the Boa and report the sighting to the USFWS. The project must also implement the necessary measures to avoid/prevent light contamination. See also the January 14 2003 USFWS Blanket Letter criteria 8 to 11.The project activity is limited to a previously developed urban area and thus, the proposed action has no effect on any natural habitats or federally protected species. Please refer to enclosed maps and project description for details.

Should you require any additional information, please contact me at eco.landscape.pr@gmail.com or at the following phone number **(787) 637-3603.**

Cordially,

LG-ISF

Plan. Laredo González, MP, PPL
Gabriel Berriz y Asociados
eco.landscape.pr@gmail.com
(787) 637-3603

Self-Certification

Endangered Species Act Certification

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

The Municipality of San Juan, Puerto Rico, certifies that the following project CRP-000935 Escambrón Skate Park @ Parque Tercer Milenio, San Juan, funded by HUD and located at Lat: 18.4663, Long: -66.0880, Cadaster **040-006-125-01**, complies with:

Check	Project Criteria
	1. Street resurfacing.
	2. Construction of gutters and sidewalks along exiting roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities and homes
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation
	6. Rebuilding of demolished single-family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre-existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach
	7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
x	8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
x	9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
x	10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
x	11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

M Murphy

8/4/2023

Milagros Murphy
Executive Officer & POC
Address: PO Box 70179 San Juan, PR 00936-8179
Telephone and Ext / email: 787-480-3891 mmurphy@sanjuan.pr

Date

Location Map and Project Description



N
W E
S

LOCATION MAP
(ARCGIS BASEMAPS)

0 62.5 125 250 375 500 Meters

1:5,000

ESCAMBRON SKATE PARK
@ PARQUE TERCER MILENIO
SAN JUAN, PUERTO RICO

GBA
Plan. Laredo González
MARCH/2023

HERNANDEZ-BAUZA, PSC, ARCHITECTS, PO BOX 361090 SAN JUAN, PR 00936-1090 TEL 787-751-7241, 758-9142

PROJECT SUMMARY & BASIS FOR DESIGN

Project: ESCAMBRON SKATE PARK

Location: PARQUE DEL TERCER MILENIO
Puerta de Tierra, San Juan, PR

Owner: Autonomous Municipality of San Juan

The Autonomous Municipality of San Juan (MASJ) issued an RFP for the design of a Skatepark where the Parque del Tercer Milenio is currently located, and our Firm was selected to design this project.

The Scope of Work (SOW) of this remodeling project is a partial area of the Parque del Tercer Milenio that includes the existing Ball Park with an area of 62,000 PCs and the corridor parallel to the running track, from the Ball Park to the east side exit. In this corridor, it includes the demolition of the concrete stands on the North side of the running track, which are in a high degree of deterioration, and the two concrete stands with dugouts in the Baseball Field. The running track is not part of our SOW, nor are the historic Sixto Escobar structures. Below you can see the area designated for the project.

CRP-000935 Escambrón Skate Park @ Parque Tercer Milenio Foto Aérea Site

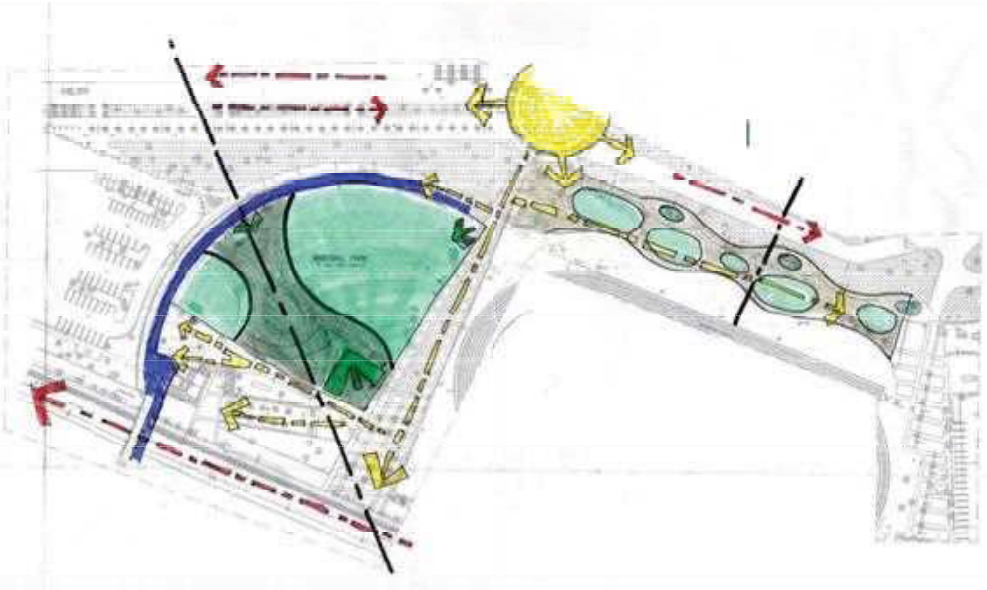


Area delimitada para proyecto Skatepark

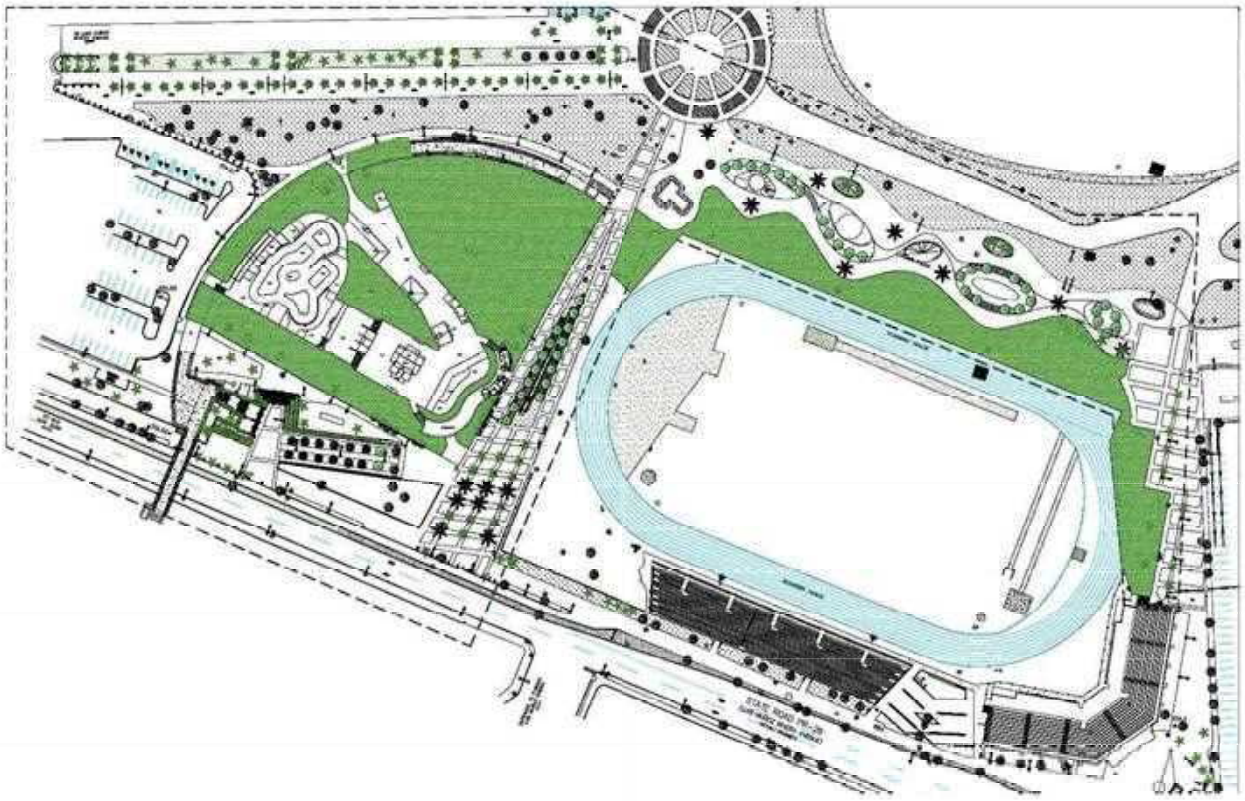
See below Photo of the Stands structure (24,231 PC) of the track, to be demolished by another project.



In the southern part of the ballpark, the Skatepark will be developed, leaving an open field with grass on the northern side. This area was selected because as you move northward the water table becomes closer to the surface. The existing corridor along the track (where the concrete stands will be demolished) will be remodeled to accommodate a children's linear passive park with play elements. In the other open areas, the pavements will be improved, and the existing landscaping will remain. Below is the initial conceptual sketch of the areas to be remodeled for both activities.



The Skatepark consists of 30,000 PCs of pavements with obstacles and bowls for the practice of skateboarding at an international level, to be located within a portion of the 62,000 PC footprint of the existing Ballpark. The remainder of the Ballpark land, some 32,000 PCs, will remain open as a green field. All the necessary infrastructure systems of water, sanitary sewer, electricity, and storm sewer are present in the existing park and will supply the needs of the proposed projects. The only structure to be built above ground level ~~are~~ will include two restrooms to serve Skatepark users and a canopy roof signaling the entrance to the Skatepark. The proposed project entails the replacement of old lighting poles with new ones, improvements to existing pavements and landscape gardening for green areas, plus cutting and pruning of existing trees and plants. See proposed schematic below:



All the areas used for this development are areas that have already been impacted by the Third Millennium Park project (1999) and are being reprogrammed to be remodeled and reused in other sports and recreational activities. It is not proposed to expand the footprint of new facilities outside of the existing footprint of already impacted areas. The total area determined in our SOW by the MASJ consists of 3.8 acre of existing footprint.

The Scope of Work (SOW) of the Parque del Tercer Milenio project includes the construction of a Skatepark in the southern section of the existing Ball Park and the construction of a linear passive park in the corridor along the existing athletics track (35,500 square feet total). The project includes the demolition of the two concrete stands with dugouts in the Baseball Field (1,634.580 square feet).

We have commissioned a Phase 1A Archeologic Study of the area to determine the impact of the zone and recommendations.

II. List of Actions:

A) General Actions:

5. Remedial actions directed towards the protection of the environment, conservation of resources, mitigation plans, cleaning and disposal of polluting materials, emergency repair of existing infrastructure, among others;

C) New Construction Actions:

10. Construction of structures whose use is ministerial in the zoning where it is located;

D) Demolition or reconstruction and/or expansion actions:

12. Demolition of structures and infrastructure works;

13. Remodeling and reconstruction of existing structures.

14. Minor expansion of existing structures that remain within the footprint of the property for operations whose uses are duly authorized by the qualification or by means of a use permit or a location inquiry;

E) Actions of installation, replacement, rehabilitation and/or substitution of equipment or infrastructure works:

18. Improvements, remodeling or maintenance of infrastructure works carried out by the Government of Puerto Rico, its municipalities or the Government of the United States;

19. Installation and improvement of electrical lines or towers, poles, pipes, trenches, manholes, wells, pluvial systems, pump systems for flood control;

21. Replacement, rehabilitation, restoration or improvement of infrastructure works within the same footprint, such as, but not limited to: streets, roads, sidewalks, curbs, lateral slopes, bridges, culverts, rails and docks;

F) Mitigation actions, decoration, cutting and pruning of trees:

22. Maintenance work, cleaning, decoration, cutting and pruning of trees;

23. Paving, repaving or scarifying work;

Submitted By:

Istra Hernández Cabán, RA, AIA
License #7399

Date: __ of _____, 2023

Other supporting Documents

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Caribbean Ecological Services
Field Office
P.O. Box 491
Boqueron, PR 00622

In Reply Refer To:
FWS/R4/CESFO/BKT/HUD

JAN 14 2013

Mr. Efrain Maldonado
Field Office Director
U.S. Department of Housing and Urban Development
235 Federico Costa Street, Suite 200
San Juan, Puerto Rico 00918

Re: Blanket Clearance Letter for Federally sponsored projects, Housing and Urban Development

Dear Mr. Maldonado:

The U.S. Fish and Wildlife Service (USFWS) is one of two lead Federal Agencies responsible for the protection and conservation of Federal Trust Resources, including threatened or endangered species listed under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.) (ESA). In the U.S. Caribbean, the USFWS has jurisdiction over terrestrial plants and animals, the Antillean manatee and sea turtles when nesting. The National Marine Fisheries Service has jurisdiction over marine species, except for the manatee. The ESA directs all Federal agencies to participate in conserving these species. Specially, section 7 of the ESA requires Federal agencies to consult with the USFWS to ensure that actions they fund authorize, permit, or otherwise carry out will not jeopardize the continued existence of any listed species or adversely modify designated critical habitat. The USFWS issued regulations in 1986 detailing the consultation process. As part of this consultation process, the USFWS review development projects to assist Federal agencies on the compliance of the ESA.

The U.S. Department of Housing and Urban Development (HUD) typically allocate grant funds for rural and urban development projects. Obligations under the ESA, as well as the National Environmental Policy Act (NEPA), require HUD to perform consultation and an environmental impact review prior to the project's authorization. Primarily, these projects involve repair or reconstruction of existing facilities associated with developed land.

In order to expedite the consultation process, the Caribbean Ecological Services Field Office has developed this Blanket Clearance Letter (BCL) to cover for activities and projects that typically result in no adverse effects to federally-listed species under our jurisdiction. If projects comply with the project criteria discussed below, no further consultation with the USFWS is needed.

Project Criteria

1. Street resurfacing.
2. Construction of gutters and sidewalks along existing roads.
3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
4. Rehabilitation of existing occupied single family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
5. Demolition of dilapidated single family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
6. Rebuilding of demolished single family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre-existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low income families and/or facilities that have been affected by weather conditions.

Determination:

Based on the nature of the projects described above and habitat characteristics described on project criteria, we have determined that the actions and type of projects described above may be conducted within this BCL without adversely affecting federally-listed

species under our jurisdiction. Thus, consultation under Section 7 of the Endangered Species Act is not required.

In all situations, HUD, and the municipalities are expected to implement Best Management Practices, where applicable, to ensure that impacts from erosion and stream sedimentation are appropriately minimized.

The Service encourages your agency to enhance the conservation of our trust resources (i.e.; listed species, wetlands, aquatic habitats, migratory birds and marine mammals). We therefore, provide the following recommendations that have proven to help in this way.

Water Crossing Structures:

1. Use of bottomless culverts or single span bridges instead of traditional box or RCP culverts or any other water crossing structure that impacts the stream bottom, particularly in streams which support native fish. The use of bottomless culverts or a short span bridge would provide a more stable crossing and would not alter the stream habitat. However, if bottomless structures or bridges are not feasible due to cost or engineering constraints, we recommend the following criteria be used to maintain good habitat in the streams:

    a. The stream should not be widened to fit the bridge since this can lead to sedimentation during low flows and possible bank erosion during high flows. Rather, the bridge should be designed to fit the stream channel at the point of crossing. Culverts should be sized to carry natural bank full flow. Additional flow can be capture by culverts placed at a higher elevation so as not to impact bank full flows.
    b. Bridge abutments, wing walls or any other structures should not intrude into the active stream channel.
    c. All culvert footings must be countersunk into the stream channel at both the invert and outlet ends at a minimum of 10% of the culvert height. This will align the water crossing structure with the slope of the stream.
    d. Waterways must not be blocked as to impede the free movement of water and fish. Materials moved during construction, such as grubbing, earth fills, and earth cut materials must not be piled where they can fall back into the stream and block the drainage courses.
    e. Appropriate erosion and/or sedimentation controls measures are to be undertaken to protect water quality until riverbanks are re-vegetated. It has been our experience that appropriate erosion and/or sedimentation control measures are not implemented properly by project contractors. In order to function properly, silt fences need to be buried 6" (proper depth is marked by a line on the silt fence) and supported at regular intervals by wood stakes. For that reason we are recommending that

the enclosed drawing of proper silt fence installation is included in all final project construction plans.

f. Upon completion of a water crossing construction, any temporary fill, must be removed from the construction area and disposed in a landfill.

Limitations:

Actions that do not meet the above project criteria, such as actions requiring placement of fill, disturbance, or modification to land outside of an existing access road or ROW; actions that occur on vacant property harboring a wetland and/or forest vegetation; actions requiring excavation, clearing of native vegetation, or alteration of storm water drainage patterns; or actions that require lighting which can be directly or indirectly seen from a beach, must be individually coordinated through the Caribbean Ecological Services Field Office and will be evaluated on a case by case basis.

The Service reserves the right to revoke or modify this BCL if:

1. New information reveals that the categories of work covered in this BCL may affect listed or designated critical habitat in a manner, or to an extent, not previously considered.
2. The categories of work included in this BCL are subsequently modified to include activities not considered in this review.
3. New species are listed or critical habitat designated that may be affected.

It is our mission to work with others, to conserve, protect and enhance fish wildlife and plants and their habitats for the continuing benefit of our people.

To obtain additional information on threatened and endangered species, you may visit our website http://www.fws.gov/caribbean/ES where you will also find the Map of the Species by Municipality and the Map of Critical Habitat. The USFWS has also developed a web based tool called IPac. Please visit http://www.ecos.fws.gov/ipac and familiarize yourself with the features we offer. We encourage you to begin your project planning process by requesting an **Official Species List** for your individual project that will include all species that may occur in the vicinity of the action area and includes a map of the action area. The site will also identify designated critical habitat, or other natural resources of concern that may be affected by your proposed project. At this time, best management practices or conservation measures are not available at the site but we expect the site to continue growing in its offering.

These maps provide information on the species/habitat relations within a municipality and could provide the applicants an insight if the proposed action is covered under this BCL or may affect a species, thus requiring individual review.

If you have any additional question regarding this BCL, please do not hesitate to contact Marelisa Rivera, Deputy Field Supervisor, at 787-851-7297 extension 206.

Sincerely yours,

Edwin E. Muñiz
Field Supervisor

Enclosures (Fact Sheets)

cc: OCAM, San Juan
Office of Federal Funds, 78 Municipalities of Puerto Rico
AAA
PRFAA
DNER

U.S. FISH AND WILDLIFE SERVICE
CARIBBEAN ECOLOGICAL SERVICES FIELD OFFICE

Conservation Measures for the Puerto Rican boa (*Chilabothrus inornatus*)

Section 7 (a)(1) of the Endangered Species Act (ESA) charges Federal agencies to aid in the conservation of listed species, and section 7 (a)(2) requires the agencies, through consultation with the U.S. Fish and Wildlife Service (Service), to ensure their activities are not likely to jeopardize the continued existence of listed species or adversely modify designated critical habitats. Section 7 applies to the management of Federal lands as well as Federal actions that may affect listed species, such as Federal approval of private activities through the issuance of Federal funding, permits, licenses, or other actions. Any person that injures, captures, or kills a Puerto Rico boa is subject to penalties under the ESA. If Federal funds or permits are needed, the funding or permitting agency should initiate Section 7 consultation with the Service. To initiate a consultation under the Section 7 of the ESA, you must submit a project package with the established minimum requirements. These conservation measures should be incorporated into the project plans to minimize possible impacts to the species.

The endangered Puerto Rican (PR) boa (*Chilabothrus inornatus*, formerly *Epicrates inornatus*) is the largest endemic snake species that inhabits Puerto Rico. The PR boa is non-venomous and does not pose any life threatening danger to humans, but some individuals may try to bite if disturbed or during capture or handling. Its body color ranges from tan to dark brown with irregular diffuse marking on the dorsum, but some individuals lack marking and are uniformly dark. Juveniles may have a reddish color with more pronounced markings. In general, as they mature, their body color tends to darken.


Adult PR boa – *Chilabothrus inornatus*
Photo: Puerto Rico by JP Zegarra

Last Revised: November 2020

The Puerto Rican boa was federally listed in 1970. Currently, the species has an island-wide distribution and occurs in a wide variety of habitat types ranging from wet montane to subtropical dry forest, and can be found from mature forest to areas with different degrees of human disturbance like roadsides or houses, especially if near their habitat in rural areas. This boa is considered mostly nocturnal, remaining less active, concealed or basking under the sun during the day.

The Service has developed the following conservation measures with the purpose of assisting others to avoid or minimize adverse effects to the PR boa and its habitat. These recommendations may be incorporated into new project plans and under certain circumstances into existing projects. Depending on the project, additional conservation measures can be implemented besides the ones presented in this document.

Conservation Measures:

1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site.

2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas.

3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area.

4. The PR boa is considered more active at night. Thus, in order to maximize its detection, the species should be searched at nights prior to habitat disturbance.

5. Once the area has been searched for PR boas, vegetation should first be cleared by hand to the maximum extent possible. Vegetation should be cut about one meter above ground prior to the use of heavy machinery for land clearing. Cutting vegetation by hand will allow boas present on site to move away on their own to adjacent available habitat. Any stone walls or naturally occurring rock piles must be carefully dismantled by hand as these are refuges for the snake. This will allow any boas present to vacate the site without injury.

6. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior.

Last Revised: November 2020

7. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #6). **Do not capture the boa.** If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #s: ((787) 724-5700, (787) 230-5550, (787) 771-1124). If immediate relocation is not an option, project-related activities at this area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue.

8. If a PR boa is captured by the PRDNER, record the name of the PRDNER staff and information on where the PR boa will be taken. This information should be reported to the Service.

9. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #7). If not possible, the animal should be left alone until it leaves the vehicle on its own.

10. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future.

11. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #6). If the PR boa was accidentally? killed as part of the project actions, please include information on what conservation measures had been implemented and what actions that will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event.

12. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance.

If you have any questions regarding the above conservation measures, please contact the Service:

- Marelisa Rivera, Deputy Field Supervisor
  - Email: marelisa_rivera@fws.gov
  - Office phone (786) 244-0081 or mobile (305) 304-1814
- José Cruz-Burgos, Endangered Species Coordinator
  - Email: jose_cruz-burgos@fws.gov
  - Office phone (786) 244-0081 or mobile (305) 304-1386

Last Revised: November 2020

IPaC resource list

We are experiencing issues with the national wetlands layer map. Some areas with wetlands may not appropriately show them. Please be aware of this for project planning purposes and verify any results with your local Corps office. ×

This ritical habi ce's (US ref project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

San Juan County, Puerto Rico



Local office

Caribbean Ecological Services Field Office

(787) 834-1600
(787) 851-7440

CARIBBEAN_ES@FWS.GOV

MAILING ADDRESS
Post Office Box 491
Boqueron, PR 00622-0491

PHYSICAL ADDRESS
Office Park I
State Road #2 Km 156.5, Suite 303}
Mayaguez, PR 00680

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act requires Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can only be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are not shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

---

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

NOT FOR CONSULTATION

2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Reptiles

NAME	STATUS
Puerto Rican Boa *Chilabothrus inornatus* Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6628	Endangered

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

NOT FOR CONSULTATION

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern https://www.fws.gov/program/migratory-birds/species
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf

There are no migratory birds of conservation concern expected to occur at this location.

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

NOT FOR CONSULTATION

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the IPaC Tool and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

NOT FOR CONSULTATION

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

NOT FOR CONSULTATION

Facilities

Wildlife refuges and fish hatcheries

Refuge and fish hatchery information is not available at this time

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District

Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the NWI map to view wetlands at this location.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

Critical Habitat Report, Skate Park, 3rd Milenio Park, San Juan, PR

Area of Interest (AOI) Information

Area : 0.14 km²

Mar 20 2023 8:37:30 PR Time



100 m radius

Summary

Name	Count	Area(km²)	Length(m)
All Critical Habitat Polyline	0	N/A	0
All Critical Habitat Polygon	6	< 0.01	N/A

All Critical Habitat Polygon

#	Scientific Name	Common Name	Listed Entity	Area(km²)
1	Orbicella franksi	Coral, boulder star	Coral, boulder star	< 0.01
2	Orbicella annularis	Coral, lobed star	Coral, lobed star	< 0.01
3	Orbicella faveolata	Coral, mountainous star	Coral, mountainous star	< 0.01
4	Dendrogyra cylindrus	Coral, pillar	Coral, pillar	< 0.01
5	Acropora palmata	Coral, elkhorn	Coral, elkhorn	< 0.01
6	Acropora cervicornis	Coral, staghorn	Coral, staghorn	< 0.01

GOBIERNO DE PUERTO RICO
DEPARTAMENTO DE RECURSOS NATURALES Y AMBIENTALES

JUL 0 7 2023

ARQ ISTRA HERNANDEZ CABAN
P O BOX 361090
SAN JUAN, PR 00936
istraher@hernandez-bauza.com

Estimada arquitecta Hernández Cabán:

Certificación para Categorización de
Hábitats Naturales para la Vida Silvestre
Escambrón Skate Park
Parque del Tercer Milenio
Ave. Luis Muñoz Rivera Intersección Calle San Agustín
Sector Puerta de Tierra
Bo. Viejo San Juan, San Juan
O-SE-CCH01-SJ-02537-03052023

El Departamento de Recursos Naturales y Ambientales (DRNA) evaluó una Solicitud de Certificación para Categorización de Hábitats Naturales para la Vida Silvestre para el proyecto de epígrafe. La misma fue evaluada de acuerdo con las disposiciones aplicables relacionadas con la fauna, la flora y sus hábitats de la Ley 416 del 2004, según enmendada (*Ley Sobre Política Pública Ambiental*), la Ley 23 del 1972, según enmendada (*Ley Orgánica del Departamento de Recursos Naturales y Ambientales de Puerto Rico*), la Ley 150 de 1988, según enmendada (*Ley del Programa de Patrimonio Natural de Puerto Rico*), la Ley 314 de 1998 (*Ley para Declarar la Política Pública sobre Humedales y Designación de Caño Tiburones como Reserva Natural*), la Ley 292 del 1999 (*Ley para la Protección de la Fisiografía Cársica de Puerto Rico*) y su Reglamento 8486 de 2014 (*Plan y Reglamento del Área de Planificación Especial del Carso*) y la Ley 241 del 1999, según enmendada (*Nueva Ley de vida silvestre de Puerto Rico*) y sus Reglamentos 6765 de 2004 (*Reglamento para regir la conservación y el manejo de la vida silvestre, las especies exóticas y la caza en el Estado Libre Asociado de Puerto Rico*) y 6766 del 2004 (*Reglamento para regir las especies vulnerables y en peligro de extinción en el Estado Libre Asociado de Puerto Rico*), así como de la Orden Administrativa del DRNA 2010-09 y el *Puerto Rico State Wildlife Action Plan* del DRNA, adoptado en Septiembre, 2015. En cuanto al Inventario de flora y fauna incluido en la solicitud, encontramos que cumplió satisfactoriamente con las disposiciones aplicables del Reglamento 6765, *supra*, documentando de forma representativa la flora y la fauna del lugar.

El predio del proyecto tiene una cabida de 7.7 cdas (30,091 metros cuadrados). Es un predio dotacional urbano desarrollo, ocupado por facilidades deportivas y recreativas. Está sito en el Área de Planificación Especial del Carso (APE-ZC). Se propone la demolición de las estructuras existentes y la construcción de

una nueva facilidad recreativa. No hay reportes de especies de flora o fauna Vulnerables o En Peligro de Extinción.

Como resultado de dicha evaluación, hemos categorizado el predio como **Hábitat Natural con Bajo Potencial de Convertirse en Hábitat Esencial, Hábitat de Alto Valor Ecológico o Hábitat de Valor Ecológico (Categoría 6).** El Artículo 2.03 del Reglamento 6765, supra, establece lo siguiente para esta categoría:

"La meta de la mitigación es minimizar el impacto al hábitat. El Departamento deberá actuar para alcanzar las metas de la mitigación de hábitat recomendando o exigiendo acciones que minimicen la pérdida directa de hábitat y que evite impacto a otro hábitat fuera del área a impactarse."

Este documento es una calificación de los hábitats naturales sitos en el predio de epígrafe, requerida por los estatutos legales vigentes. **No constituye un permiso para la construcción u operación del proyecto propuesto.**

Esta certificación es solamente aplicable a la situación de hechos según presentados y evaluados en el caso y la Secretaria se reserva el derecho de evaluar, variar o modificar el mismo en cualquier momento anterior a la emisión del permiso o la acción administrativa correspondiente por parte de la agencia solicitante o proponente, de surgir nueva información oficial especifica estableciendo que el derecho aplicable o las condiciones ambientales en el predio han cambiado sustancialmente o cuando la certificación original se emitió bajo premisas falsas o fraudulentas.

Si tiene alguna pregunta o necesita orientación sobre este asunto, puede escribirnos a la dirección indicada o comunicarse al teléfono 787-999-2200 extension 2846.

Cordialmente,

Mercemar Rodríguez Santiago
Secretaria Auxiliar
Secretaría Auxiliar de Permisos, Endosos y Servicios Especializados

Attachment VIII: Explosive and Flammable Hazards 24 CFR Part 51 Subpart C

Explosive and Flammable Hazards (CEST and EA)

General requirements	Legislation	Regulation
HUD-assisted projects must meet Acceptable Separation Distance (ASD) requirements to protect them from explosive and flammable hazards.	N/A	24 CFR Part 51 Subpart C
Reference		
https://www.hudexchange.info/environmental-review/explosive-and-flammable-facilities		

1. **Is the proposed HUD-assisted project itself the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?**

   ☒ No

   → *Continue to Question 2.*

   ☐ Yes

   Explain:

   → *Go directly to Question 5.*

2. **Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?**

   ☒ No

   → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

   ☐ Yes

   → *Continue to Question 3.*

3. **Within 1 mile of the project site, are there any current *or planned* stationary aboveground storage containers that are covered by 24 CFR 51C? Containers that are NOT covered under the regulation include:**
   - **Containers 100 gallons or less in capacity, containing common liquid industrial fuels OR**
   - **Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 version of National Fire Protection Association (NFPA) Code 58.**

   If all containers within the search area fit the above criteria, answer "no." For any other type of aboveground storage container within the search area that holds one of the

flammable or explosive materials listed in Appendix I of 24 CFR part 51 subpart C, answer "yes."

☐ No

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide all documents used to make your determination.*

☐ Yes

→ *Continue to Question 4.*

4. **Visit HUD's website to identify the appropriate tank or tanks to assess and to calculate the required separation distance using the electronic assessment tool. To document this step in the analysis, please attach the following supporting documents to this screen:**
   - **Map identifying the tank selected for assessment, and showing the distance from the tank to the proposed HUD-assisted project site; and**
   - **Electronic assessment tool calculation of the required separation distance.**

   Based on the analysis, is the proposed HUD-assisted project site located at or beyond the required separation distance from all covered tanks?

   ☐ Yes

   → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

   ☐ No

   → *Go directly to Question 6.*

5. **Is the hazardous facility located at an acceptable separation distance from residences and any other facility or area where people may congregate or be present?**

   Please visit HUD's website for information on calculating Acceptable Separation Distance.

   ☐ Yes

   → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.*

   ☐ No

   → *Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.*
   Continue to Question 6.

6. **For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Mitigation measures may include both natural and manmade barriers, modification of the project design, burial or removal of the hazard, or other engineered solutions. Describe selected mitigation measures, including the timeline for implementation, and attach an implementation plan. If negative effects cannot be mitigated, cancel the project at this location.**
   Note that only licensed professional engineers should design and implement blast barriers. If a barrier will be used or the project will be modified to compensate for an unacceptable separation distance, provide approval from a licensed professional engineer.

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The proposed HUD-Assisted project does not comprise the development of a hazardous facility and will not increase residential densities in the area. The project, as depicted in the design plans, will not include features which may affect the compliance with the applicable regulations in this section. According with this information this topic is in compliance with HUD regulations.

Are formal compliance steps or mitigation required?

☐ Yes

☒ No

Attachment IX: Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658

Soil Map—San Juan Area, Puerto Rico
(PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio)



Map Scale: 1:1,760 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 25 50 100 150

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84

PARQUE DEL TERCER MILENIO, LUIS MUÑON MARÍN AVENUE,

SAN JUAN ANTIGUO WARD,

SAN JUAN, PUERTO RICO. **Parcel ID: 040-006-125-01, 040-006-135-01**

Coordinates: 18.465682°, -66.090019°

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Juan Area, Puerto Rico
Survey Area Data: Version 18, Sep 10, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

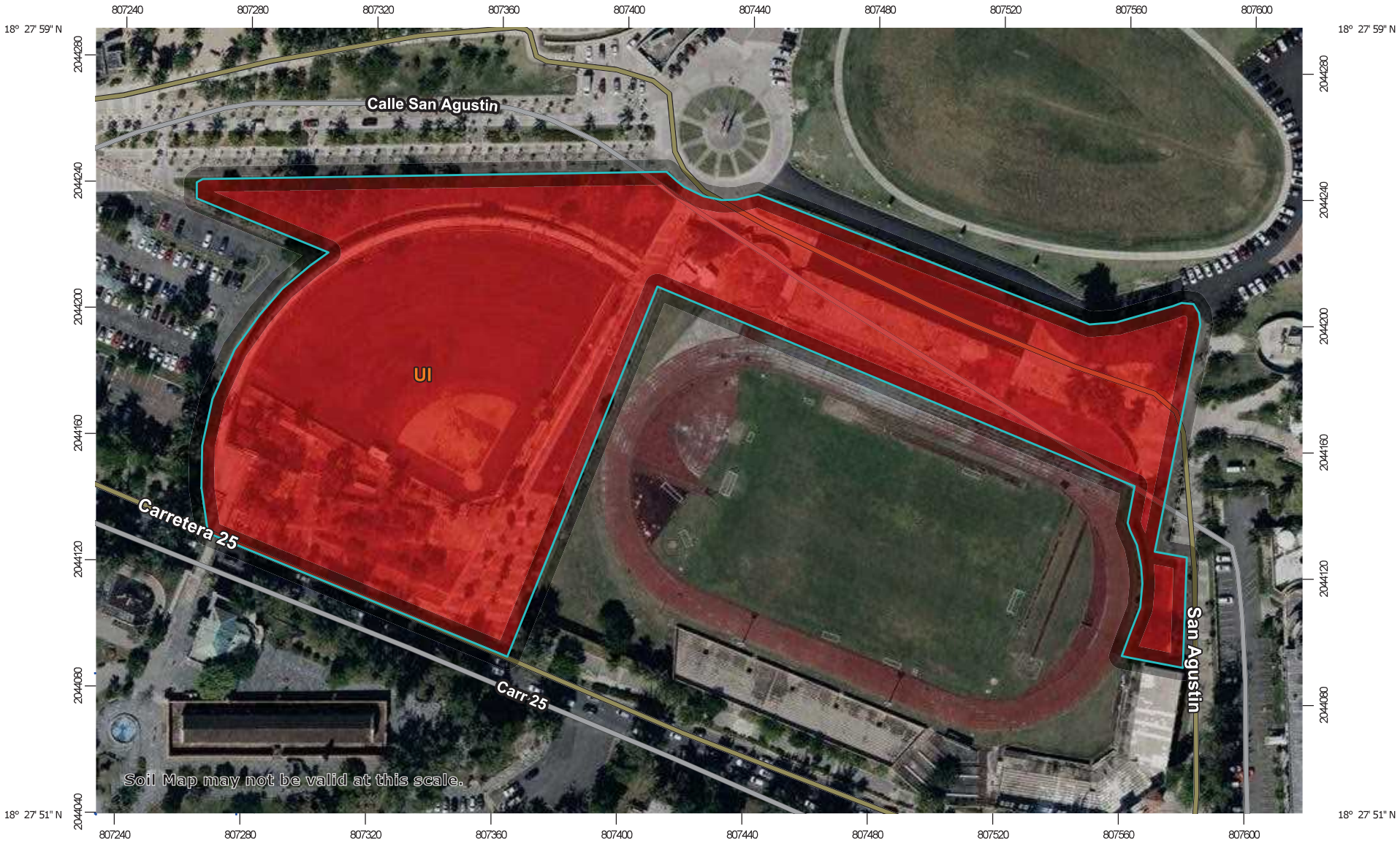
Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
UI	Urban land	6.0	100.0%
Totals for Area of Interest		**6.0**	**100.0%**

Farmland Classification—San Juan Area, Puerto Rico
(PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio)



Map Scale: 1:1,760 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 25 50 100 150

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84

PARQUE DEL TERCER MILENIO, LUIS MUÑON MARÍN AVENUE,

SAN JUAN ANTIGUO WARD,

SAN JUAN, PUERTO RICO. **Parcel ID: 040-006-125-01, 040-006-135-01**

Coordinates: 18.465682°, -66.090019°

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

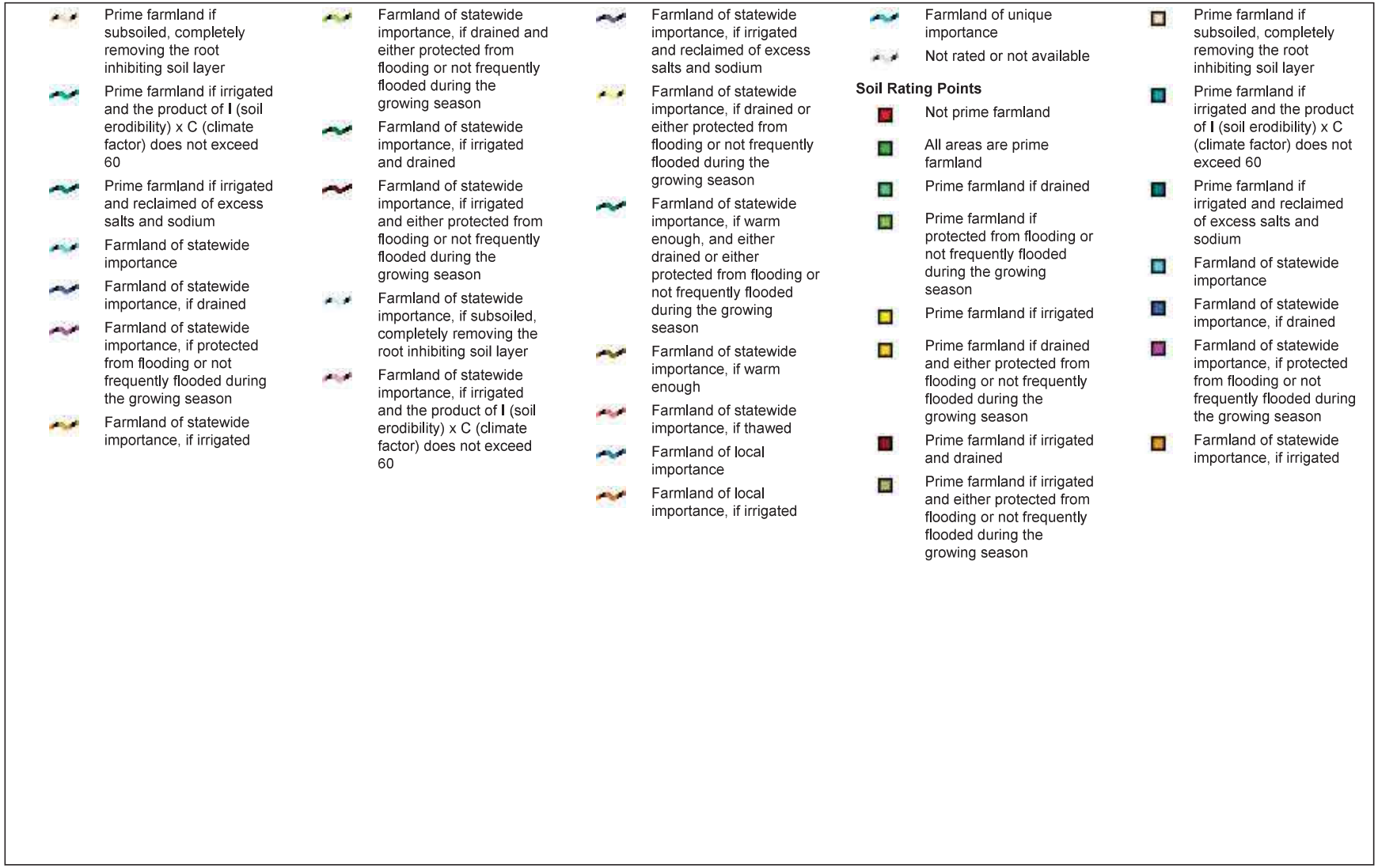
Soils

Soil Rating Polygons

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if subsoiled, completely removing the root inhibiting soil layer
- Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance
- Farmland of statewide importance, if drained
- Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated
- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Soil Rating Lines

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season


Prime farmland if subsoiled, completely removing the root inhibiting soil layer
Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Prime farmland if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated
Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated and drained
Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough
Farmland of statewide importance, if thawed
Farmland of local importance
Farmland of local importance, if irrigated
Farmland of unique importance
Not rated or not available
Soil Rating Points
Not prime farmland
All areas are prime farmland
Prime farmland if drained
Prime farmland if protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated
Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated and drained
Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
Prime farmland if subsoiled, completely removing the root inhibiting soil layer
Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Prime farmland if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated

- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Juan Area, Puerto Rico
Survey Area Data: Version 18, Sep 10, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
UI	Urban land	Not prime farmland	6.0	100.0%
Totals for Area of Interest			**6.0**	**100.0%**

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

Attachment X: Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT:

8-STEP PROCESS

Project: PR-CRP-000935, "Escambrón Skate Park at Parque Tercer Milenio"

-Decision Process for Executive Order 11988 as Provided by 24 CFR §55.20

Step 1: ***Determine whether the action is located in a 100-year floodplain (or a 500-year floodplain for critical actions) or wetland.***

The proposed project, PR-CRP-000935, Escambrón Skate Park at Parque Tercer Milenio is within a municipality that suffered damages due to hurricanes Irma and María and is located in Parque del Nuevo Milenio north of Avenida Muñoz Rivera PR-25 N., San Juan, PR, coordinates 18.4663, -66.0880. The proposed activity is situated in a flood zone AE with dimensions of about 3.8 acre. The floodplains in the project area can be found at Flood Insurance Rate Map (FIRM) Panel 72000C0355J, revised on November 18, 2009, as shown in the FEMA Flood Map Service Center at https://msc.fema.gov/portal/home, and in flood zone AE and coastal zone A, according to the recommended base flood level maps (Advisory Maps), Panel 72000C0355J with an effective date of April 13, 2018. Executive Order (EO) 11988 within HUD Regulations 24 CFR Part 55 details floodplain management. The purpose of EO 11988 is "to avoid to the extent possible the long and short term adverse impacts associated with the occupancy and modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative." The project is located within the 100-year floodplain and for this reason, EO 11988 applies. An evaluation of direct and indirect impacts associated with construction, occupancy, and modification of the floodplain is required.

The Scope of Work (SOW) of the Parque del Tercer Milenio project includes the construction of a Skate Park in the southern section of the existing Ball Park and the construction of a linear passive park in the corridor along the existing athletics track (35,500 square feet total). The project includes the demolition of the two concrete stands with dugouts in the Baseball Field (1,634.580 square feet).

In the southern part of the ballpark, the Skate Park will be constructed, including pavements with obstacles and bowls for the practice of skateboarding at an international level, leaving an open field with grass on the northern side. The existing corridor along the track is to be remodeled to accommodate a children's linear passive park with play elements. In the other open areas, the pavements will be improved, and the existing landscaping will remain.

All the necessary infrastructure systems of water, sanitary sewer, electricity, and storm sewer are present in the existing park. The only structure to be built above ground level are two restrooms to serve Skate park users and a canopy roof signaling the entrance to the Skate Park. The proposed project also entails the replacement of old lighting poles with new

ones, improvements to existing pavements and landscape gardening for green areas, plus cutting and pruning of existing trees and plants.

Step 2: ***Notify the public for early review of the proposal and involve the affected and interested public in the decision making process.***

A public notice describing the project was published in the "EL VOCERO DE PUERTO RICO", a regional paper, on June 08, 2023. The required 15 calendar days were allowed for public comment. The commenting period ended on June 24, 2023. As required by regulation, the notice also included the name, proposed location and description of the activity, total number of floodplain and wetland acres involved, and the responsible entity contact for information as well as a website and the location and hours of the office at which a full description of the proposed action can be viewed.

Three (3) comments from the public were received during the commenting period, requesting information regarding the project's scope. The comments were received via electronic mail and personal appearance. The information requested by the citizens was supplied to them by the PRDOH. No opposition to the proposed project was expressed by the commentators.

Step 3: ***Identify and evaluate practicable alternatives.***

The Municipality of San Juan (MSJ) selected the proposed project site because it is unused space which needs improvements and other revitalization efforts. The proposed project will provide recreation alternatives to low- and moderate-income communities surrounding the area and will prevent the site from becoming a source of dangerous and unlawful activities.

MSJ have considered the following alternatives:

a) Alternative 1: No action taken. The site will further deteriorate and may probably becoming a source of dangerous and unlawful activities.

b) Alternative 2: Develop the proposed project on another site. MSJ identified an alternative site to develop the proposed project, but that other parcel was a private one and had ownership issues.

c) Alternative 3: It was determined to select the Escambrón site because it is located in a public property and the MSJ is the owner of the parcel. It also have available infrastructure and utilities. The proposed action is according to zoning. Besides, the proposed Project will not exceed the existing developed footprint and will maintain the recreational purpose of the area. The proponent considers that the project most likely will not have a significant impact on the actual runoff water behavior during weather events.

Step 4: ***Identify Potential Direct and Indirect Impacts of Associated with Floodplain Development.***

Locating the project at the "Tercer Milenio" Park (Alternative 3) is expected to have minimum impacts to the floodplain. The city of San Juan is a member of the National Flood Insurance Program and structures located in the flood zone must comply with the PR flood regulations. In consequence, the structures will be elevated according the current regulations and have a footprint designed to minimize these impacts. The design and installation of a storm water management system will also minimize potential damage to the property as a result of the flooding. No wetlands will be affected.

The children's playground will consist mostly of permeable pavements and recreation features and equipment over the ground with no closed structures. All construction debris will be disposed at a certified dump site or at other authorized facility.

The proposed project will be connected to the existing infrastructure systems which will reduce adverse impacts on the environment and will help preserve the present functions and values like water quality, erosion control and flora & fauna habitat in the park.

The natural resources of the floodplain include water, biological, and societal resources. HUD requires projects located in the floodplain to maintain flood insurance for the life of the property. The MSJ will maintain flood insurance for all buildings in order to mitigate any effects of flooding. In addition to concerns for life and property, the MSJ considered the natural and beneficial values of the floodplain.

On July 7, 2023, the PRDNER issued a Natural Habitat Certification Num. O-SE-CCH01-SJ-02537-03052023 for the proposed project site. The area was categorized by the agency as Habitat Category 6 (low potential to become an area containing essential habitat, habitat of high ecological value or habitat of ecological value). A reforestation plan will be implemented to compensate any impact to existing trees/palms. The plan will propose native and endemic species that provide food and shelter to the local wildlife.

The Fish and Wildlife Service has determined that the project will have no significant impact on plant and animal life. If a PR boa (Chilabothrus inornatus) is found within any of the working or construction areas, activities should stop at that area and information recorded. The boa will not be captured. If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers or other PRDNER or Fish and Wildlife Service authorized personnel, for safe capture and relocation of the animal. If immediate relocation is not an option, project-related activities at this area will stop until the boa moves out of harm's way on its own. Activities at other areas of the work site, where no boas have been found after surveying the area, will continue.

The Project will comply with the "Reglamento para el Control de la Contaminación por Ruido, el Reglamento de Estándares de Calidad de Agua, el Reglamento para el Control y la Prevención de la Contaminación Lumínica". To avoid adverse impacts to the Sea Turtles, low pressure bulbs will be selected as they are considered to have less effect on the sea turtle's orientation abilities. Besides, the proposed lighting fixtures will be oriented toward the floor, not toward the shore, and will be provided with visors.

The Project will comply with the "Reglamento para el Control de Contaminación Atmosférica", the "Reglamento para el Manejo de Desperdicios Sólidos No Peligrosos" and the "Reglamento para el Trámite de Permisos Generales".

The Project will comply with the Rule 3.4.1 ("Permiso único Incidental Operacional"), the Section 5.1.9.3 ("Manejo de Aguas Pluviales") and Section 5.1 .9.4 ("Obras Pluviales) of the "Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operación de Negocios (Regulation No. 9473, effective from June 16, 2023, adopted by the Puerto Rico Planning Board through Resolution JP-RP-41, from June 16, 2023)"

The final design will comply with the "Reglamento sobre Normas de Diseño, Criterios y Mantenimiento para Sistemas de Alcantarillados Pluviales en Puerto Rico (Planning Regulation Num. 40 from April 18, 2023)" and the Special Flood Hazard Areas Regulation (Regulation No. 13 effective from January 9, 2021) Eighth Revision (Regulation No. 9238 from December 9, 2020)".

Step 5: ***Where practicable, design or modify the proposed action to minimize the potential adverse impacts to lives, property, and natural values within the floodplain and to restore, and preserve the values of the floodplain.***

(a) Preserving Lives: In order to preserve lives, local law enforcement and the emergency broadcast system will implement an early warning system should flooding conditions arise. In addition to the warning system, law enforcement will develop an emergency evacuation and relocation plan. The new structures will also be marked with identification marks of past and estimated flooding and the interior common areas will display an evacuation plan to inform users on the location of the flood hazard area and evacuation plans.

(b) Preserving Property: In order to preserve property, flood insurance will also be acquired and maintained in order to mitigate possible flood damage. The final design will comply with the "Reglamento sobre Normas de Diseño, Criterios y Mantenimiento para Sistemas de Alcantarillados Pluviales en Puerto Rico (Planning Regulation Num. 40 from April 18, 2023)" and the Special Flood Hazard Areas Regulation (Regulation No. 13 effective from January 9, 2021) Eighth Revision (Regulation No. 9238 from December 9, 2020)".The structures will be elevated at three feet above the BFE to save on flood insurance cost and to enhance the structures ability to withstand floods.

(c) Preserving Natural Values and Minimizing Impacts: The site design chosen in Alternative 3 is not expected to have significant adverse effects on the vegetation or wildlife. The children's playground will consist mostly of permeable pavements and recreation features and equipment over the ground with no closed structures. All construction debris will be disposed at a certified dump site or at other authorized facility. The proposed project will be connected to the existing infrastructure systems which will reduce adverse impacts on the environment and will help preserve the present functions and values like water quality, erosion control and flora & fauna habitat in the park.

Step 6: *Reevaluate the Alternatives.*

The no action alternative (Alternative 1) is not desirable because it will not prevent that the selected site (Alternative 3) will further deteriorate and may probably becoming a source of dangerous and unlawful activities.

The rejected site (Alternative 2) would result in increased costs in land acquisition and developing time. Also it will not prevent that the selected site (Alternative 3) will further deteriorate and may probably becoming a source of dangerous and unlawful activities.

Although the project's site (Alternative 3) is in a floodplain, the project has been designed in order to minimize adverse effects on floodplain functions and values. Additionally, steps will be taken in order to minimize risks to human life and property by designing evacuation plans, applying appropriate construction methods and maintaining a valid flood insurance policy.

Step 7: *Determination of No Practicable Alternative*

It is the MSJ determination that there is no practicable alternative not locating the project in the flood zone.

This is due to:

1) The MSJ is the owner of the proposed project site. No additional cost due to land acquisition will be incurred upon nor will ownership issues needed to be solved.
2) The proposed project, as designed, will have minimal adverse impacts on the floodplain functions and values.
3) The proposed project will improve existing site's conditions, and infrastructure.
4) The proposed project will enhance current recreational and outdoor sports options for the people of San Juan.
5) The proposed project will help to prevent further deterioration and the site becoming a source of dangerous and unlawful activities.

6) The proposed site have abundant parking space available and is accessible to users arriving by biking, walking, in vehicles and through public transportation means.

A final notice was published and posted consistent with the prior notice. The Final Notice and Public Explanation of a Proposed Activity in the 100-Year Floodplain the Puerto Rico Department of Housing (as the Responsible Entity) published as part of HUD's requirements for the release of CDBG-DR funds to undertake the project Escambrón Skate Park at Parque Tercer Milenio (PR-CRP-000935). The comment period concluded on November 29, 2023.

The notice explains the reasons why the proposed project must be located in the floodplain, offers a list of alternatives considered at Steps 3 and 6, and describes possible impacts and mitigation measures at Steps 4 and 5 taken to minimize adverse impacts and preserve natural and beneficial floodplain values. The notice is attached to this document. No concerns were expressed by the public concerning this notice.

Step 8: *Implement the Proposed Action*

The MSJ will assure that this project as described above, is appropriately executed and that all necessary language will be included in all agreements with participating parties. The MSJ will also take an active role in monitoring the construction process to ensure no unnecessary impacts occur nor unnecessary risks are taken. The flood insurance requirement for the life of the property will maintained by the MSJ.

ATTACHMENT I: LOCATION MAP



N
W E
S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
LOCATION MAP
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 25 50 100 150 200
Meters

1:5,000

GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200

ATTACHMENT II: FLOOD MAPS

Mapa Niveles de Inundación Base Recomendados: Escambron Skate Park Site



7/15/2023, 12:14:36 PM

Municipios Limite

1 PCT Delimitación de Zonas Inundables

1% Probabilidad Anual de Inundación

0.2% Probabilidad Anual de Inundación

1 PCT Límite entre niveles de inundación ABFE

0.2 PCT - Delimitación de Zonas Inundables

Zona Inundable

A

AE

AO

A Costera

VE

X (0.2% Probabilidad Anual de Inundación)

Panel

1:2,257

0 0.03 0.05 0.1 mi

0 0.04 0.08 0.16 km

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, PRPB; FEMA

Junta de Planificación, FEMA

PRPB; FEMA | Junta de Planificación, Programa de Sistema de Información Geográfica |

ATTACHMENT III: PROJECT'S SOW AND ADVANCED DESIGN PLANS

Project Location:

PARQUE DEL TERCER MILENIO, Luis Muñon Marín Avenue, San Juan Antiguo Ward, San Juan, PR. Coordinates: Lat: 18.465778° , Lon: -66.089859°, Cadaster 040-006-125-01, 040-006-135-01 (see Location Map attached at Attachment A of this report.)

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

(Supplied by HERNANDEZ-BAUZA, PSC, ARCHITECTS)

Project: ESCAMBRON SKATE PARK

Location: PARQUE DEL TERCER MILENIO
Puerta de Tierra, San Juan, PR

Owner: Autonomous Municipality of San Juan

The Scope of Work (SOW) of this remodeling project is a partial area of the Parque del Tercer Milenio that includes the existing Ball Park with an area of 62,000 PCs and the corridor parallel to the running track, from the Ball Park to the east side exit. In this corridor, it includes the demolition of the concrete stands on the North side of the running track, which are in a high degree of deterioration, and the two concrete stands with dugouts in the Baseball Field. The running track is not part of our SOW, nor are the historic Sixto Escobar structures. Below you can see the area designated for the project.

CRP-000935 Escambrón Skate Park @ Parque Tercer Milenio Foto Aérea Site

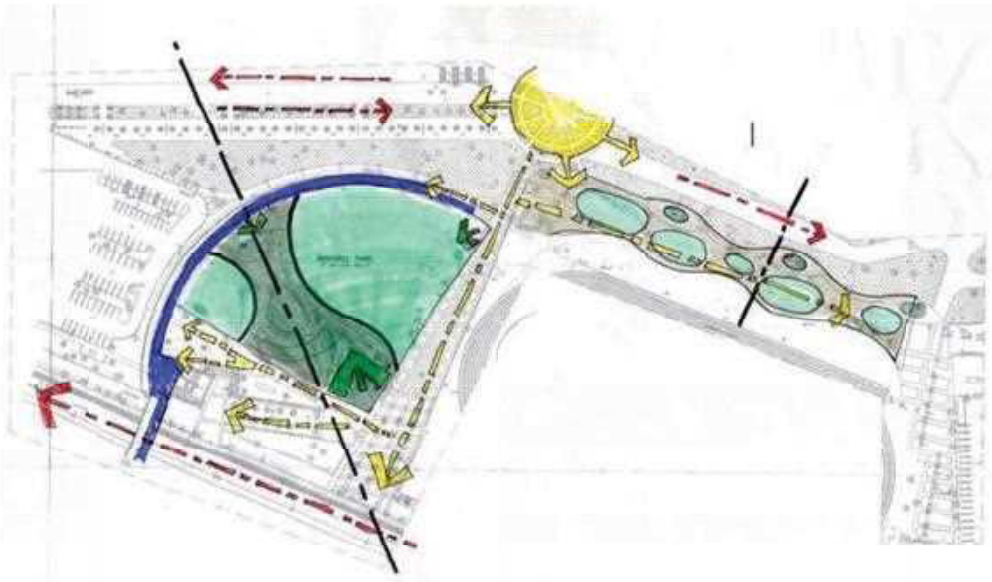


Area delimitada para proyecto Skatepark

See below Photo of the Stands structure (24,231 PC) of the track, to be demolished by another project.

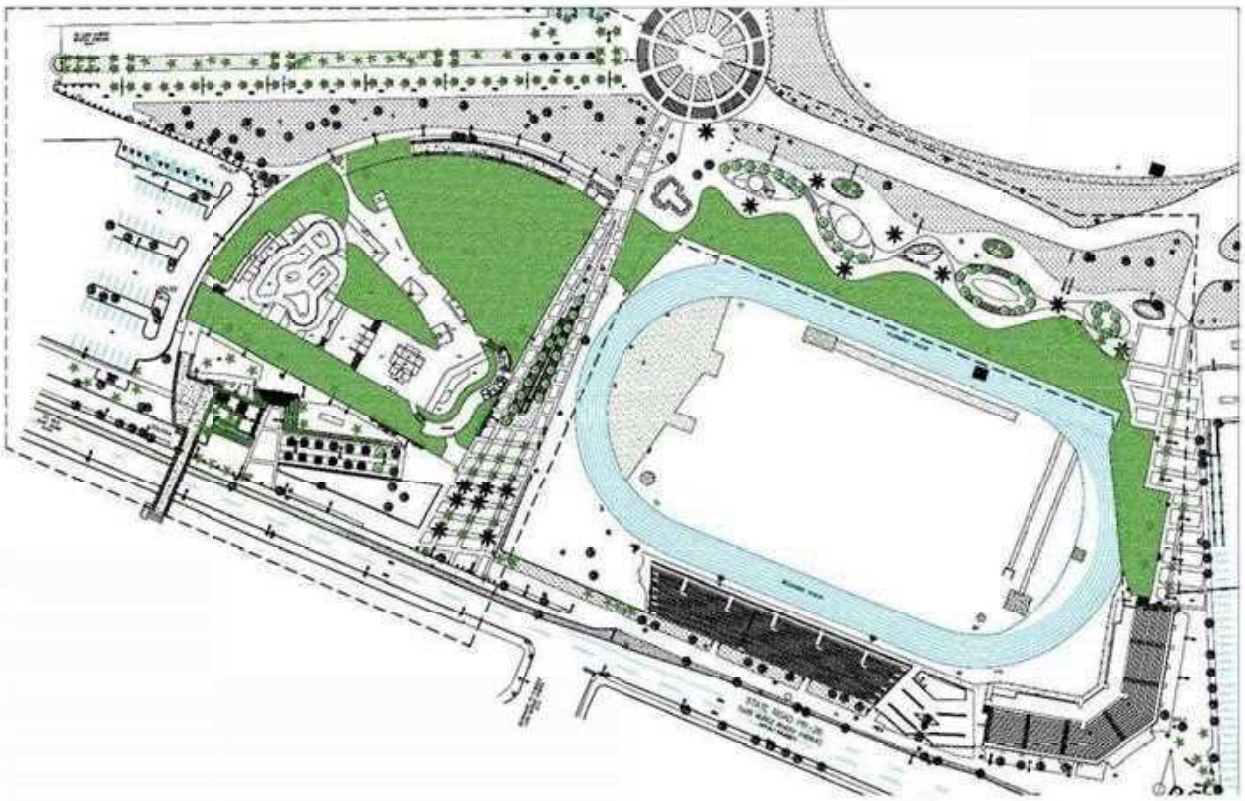


In the southern part of the ballpark, the Skatepark will be developed, leaving an open field with grass on the northern side. This area was selected because as you move northward the water table becomes closer to the surface. The existing corridor along the track (where the concrete stands will be demolished) will be remodeled to accommodate a children's linear passive park with play elements. In the other open areas, the pavements will be improved, and the existing landscaping will remain. Below is the initial conceptual sketch of the areas to be remodeled for both activities.



The Skatepark consists of 30,000 PCs of pavements with obstacles and bowls for the practice of skateboarding at an international level, to be located within a portion of the 62,000 PC footprint of the existing Ballpark. The remainder of the Ballpark land, some 32,000 PCs, will remain open as a green field. All the necessary infrastructure systems of water, sanitary sewer, electricity, and

storm sewer are present in the existing park and will supply the needs of the proposed projects. The only structure to be built above ground level will include two restrooms to serve Skatepark users and a canopy roof signaling the entrance to the Skatepark. The proposed project entails the replacement of old lighting poles with new ones, improvements to existing pavements and landscape gardening for green areas, plus cutting and pruning of existing trees and plants. See proposed schematic below:



All the areas used for this development are areas that have already been impacted by the Third Millennium Park project (1999) and are being reprogrammed to be remodeled and reused in other sports and recreational activities. It is not proposed to expand the footprint of new facilities outside of the existing footprint of already impacted areas. The total area determined in our SOW by the MASJ consists of 3.8 acre of existing footprint.

The Scope of Work (SOW) of the Parque del Tercer Milenio project includes the construction of a Skatepark in the southern section of the existing Ball Park and the construction of a linear passive park in the corridor along the existing athletics track (35,500 square feet total). The project includes the demolition of the two concrete stands with dugouts in the Baseball Field (1,634.580 square feet).

We have commissioned a Phase 1A Archeologic Study of the area to determine the impact of the zone and recommendations.

II. List of Actions:

A) <u>General Actions:</u>

5. Remedial actions directed towards the protection of the environment, conservation of resources, mitigation plans, cleaning and disposal of polluting materials, emergency repair of existing infrastructure, among others;

C) New Construction Actions:

10. Construction of structures whose use is ministerial in the zoning where it is located;

D) Demolition or reconstruction and/or expansion actions:

12. Demolition of structures and infrastructure works;

13. Remodeling and reconstruction of existing structures.

14. Minor expansion of existing structures that remain within the footprint of the property for operations whose uses are duly authorized by the qualification or by means of a use permit or a location inquiry;

E) Actions of installation, replacement, rehabilitation and/or substitution of equipment or infrastructure works:

18. Improvements, remodeling or maintenance of infrastructure works carried out by the Government of Puerto Rico, its municipalities or the Government of the United States;

19. Installation and improvement of electrical lines or towers, poles, pipes, trenches, manholes, wells, pluvial systems, pump systems for flood control;

21. Replacement, rehabilitation, restoration or improvement of infrastructure works within the same footprint, such as, but not limited to: streets, roads, sidewalks, curbs, lateral slopes, bridges, culverts, rails and docks;

F) Mitigation actions, decoration, cutting and pruning of trees:

22. Maintenance work, cleaning, decoration, cutting and pruning of trees;

23. Paving, repaving or scarifying work;

Task summary:

- Construction of a new 30,000 sqf Concrete Skate Park including two rest rooms and a canopy roof.
- Construction of a new 2,500 sqf Children Playground area.
- Rehabilitation of an existing Public Art Sculpture.
- Improvement to the Park electric and plumbing infrastructure.
- Improvements to existing sidewalks.
- Replacement of urban furniture (banks, tables, garbage containers, bollards).
- Installation of new urban furniture (bike stands, shaded areas.
- Improvement to existing sign system.
- Reforestation and landscape installation.
- Demolition of architecture barriers (Fences) and installation of new fences.
- Demolition of existing concrete bleachers and dugouts on the Baseball Park.

From the total Park area of out SOW (164,000 sf), new construction corresponds to 9,585 sf, that is equal to a 6% of new construction.

SAN JUAN
CIUDAD CAPITAL

90% Construction Drawings for:
Improvements and New Design of
ESCAMBRON SKATEPARK PR-CRP-000935
Municipio Autónomo de
San Juan, Puerto Rico





HERNANDEZ-BAUZA
PSC, ARCHITECTS

Project Management:
Dept. Urban Design and Project Development, Autonomous Municipality of San Juan, Puerto Rico

Architects:
Hernandez Bauza, PC
843 Esteban Gonzalez St.
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Site Information

Address: Ave. Luis Muñoz Marín, San Juan, 00901

Catastro: 040-006-125-01
Site Area: 24,070 mc

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CALIFICATION MAP



AERIAL MAP / SOW LOCATION MAP





HORIZONTAL & VERTICAL CONTROL STATIONS

STATION	COORDINATES		ELEVATION	DESCRIPTION
	NORTHING (Y)	EASTING (X)		
1	2,178,622.3	1,130,647.1	5.17	PK NAIL
2	2,178,622.3	1,130,647.1	5.17	PK NAIL
3	2,178,622.3	1,130,647.1	5.17	PK NAIL
4	2,178,622.3	1,130,647.1	5.17	PK NAIL
5	2,178,622.3	1,130,647.1	5.17	PK NAIL
6	2,178,622.3	1,130,647.1	5.17	PK NAIL
7	2,178,622.3	1,130,647.1	5.17	PK NAIL
8	2,178,622.3	1,130,647.1	5.17	PK NAIL
9	2,178,622.3	1,130,647.1	5.17	PK NAIL
10	2,178,622.3	1,130,647.1	5.17	PK NAIL
11	2,178,622.3	1,130,647.1	5.17	PK NAIL
12	2,178,622.3	1,130,647.1	5.17	PK NAIL
13	2,178,622.3	1,130,647.1	5.17	PK NAIL
14	2,178,622.3	1,130,647.1	5.17	PK NAIL
15	2,178,622.3	1,130,647.1	5.17	PK NAIL
16	2,178,622.3	1,130,647.1	5.17	PK NAIL
17	2,178,622.3	1,130,647.1	5.17	PK NAIL
18	2,178,622.3	1,130,647.1	5.17	PK NAIL
19	2,178,622.3	1,130,647.1	5.17	PK NAIL
20	2,178,622.3	1,130,647.1	5.17	PK NAIL

IMPORTANT NOTES

1. THIS MAP IS INTENDED TO STAND ALONE AND DOES NOT REQUIRE ANY OTHER PLANS OR DRAWINGS FOR ITS INTERPRETATION.
2. ALL MEASUREMENTS ARE IN METERS UNLESS OTHERWISE NOTED.
3. THIS DRAWING REPRESENTS THE RESULTS OF THE DATA TAKEN ON THE SITE AT THE INDICATED DATE AND IT CAN ONLY REPRESENTATIVE THE EXISTING CONDITIONS AT THE MENTION DATE.
4. THE INFORMATION PROVIDED ON THIS DRAWING MAY OR MAY NOT SHOW ALL THE EXISTING AREAS AND UTILITIES THAT ARE BEFORE OR BELOW THE GROUND.
5. ALL ELEVATIONS SHOWED ALSO IN SECTIONS, PLANTS ETC. ARE ONLY FOR ILLUSTRATION PURPOSES, THEY ARE NOT NECESSARY AS BIG AS THE STANDARD ONE.
6. THE ELEVATIONS WAS OBTAINED ELEVATED DATA OBTAINED FROM THE USGS OFFICIAL PAGE.





LEGEND



GRAPHIC SCALE 1:1,000



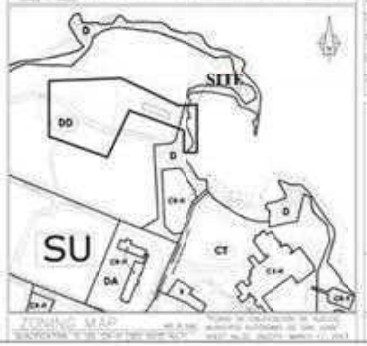
LOCATION MAP



AERIAL PHOTO



FEMA FIRM MAP



ZONING MAP

MFORCE
Professional Land Surveyors

REVISIONS

NO.	DESCRIPTION	DATE

AS-BUILT & TOPOGRAPHY SURVEY PLAN
FOR ESCAMBRON SKATEPARK PROJECT
LOCATED AT LUIS MUÑOZ RIVERA AVENUE
OLD SAN JUAN, SAN JAUN, PUERTO RICO

SITE - 1

SHEET NUMBER	OF
1	1

HERNANDEZ-GAUZA PSC, ARCHITECTS

CONSULTANTS

OWNER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MPSJ

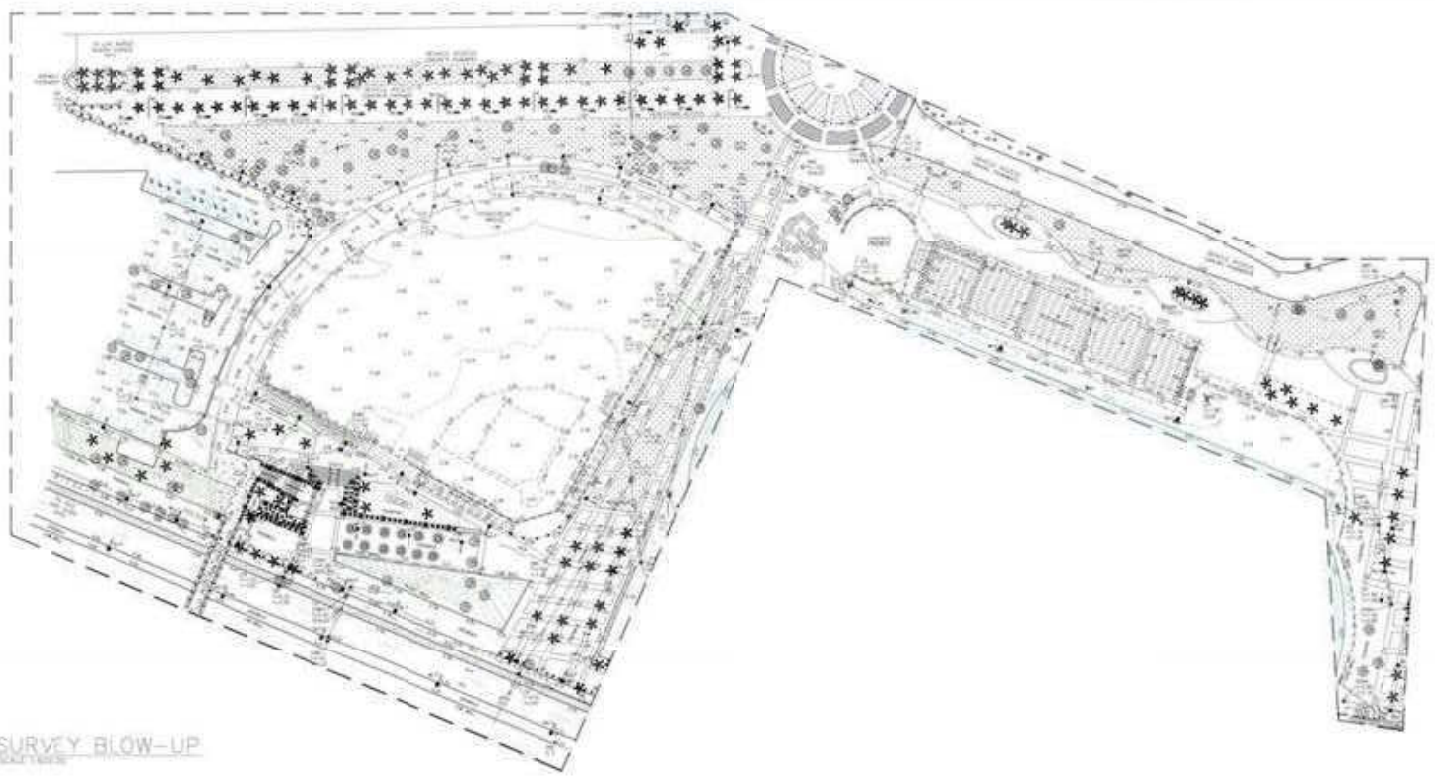
AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF EUGENIO MARIA DE HOSTOS PARK

SURVEY

NUMBER	TOTAL
2	83

DRAWING NUMBER
X-1.0



SURVEY BLOW-UP

HERNANDEZ-BAUER
PSC ARCHITECTS

ARCHITECT OF RECORD
LENA HERNANDEZ DE BAUER
LICENSE NO. C-31111

CONSULTANTS

OWNER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MKLU

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF "FERDER VALENZ" PARK

DRAWING TITLE
SURVEY BLOW-UP

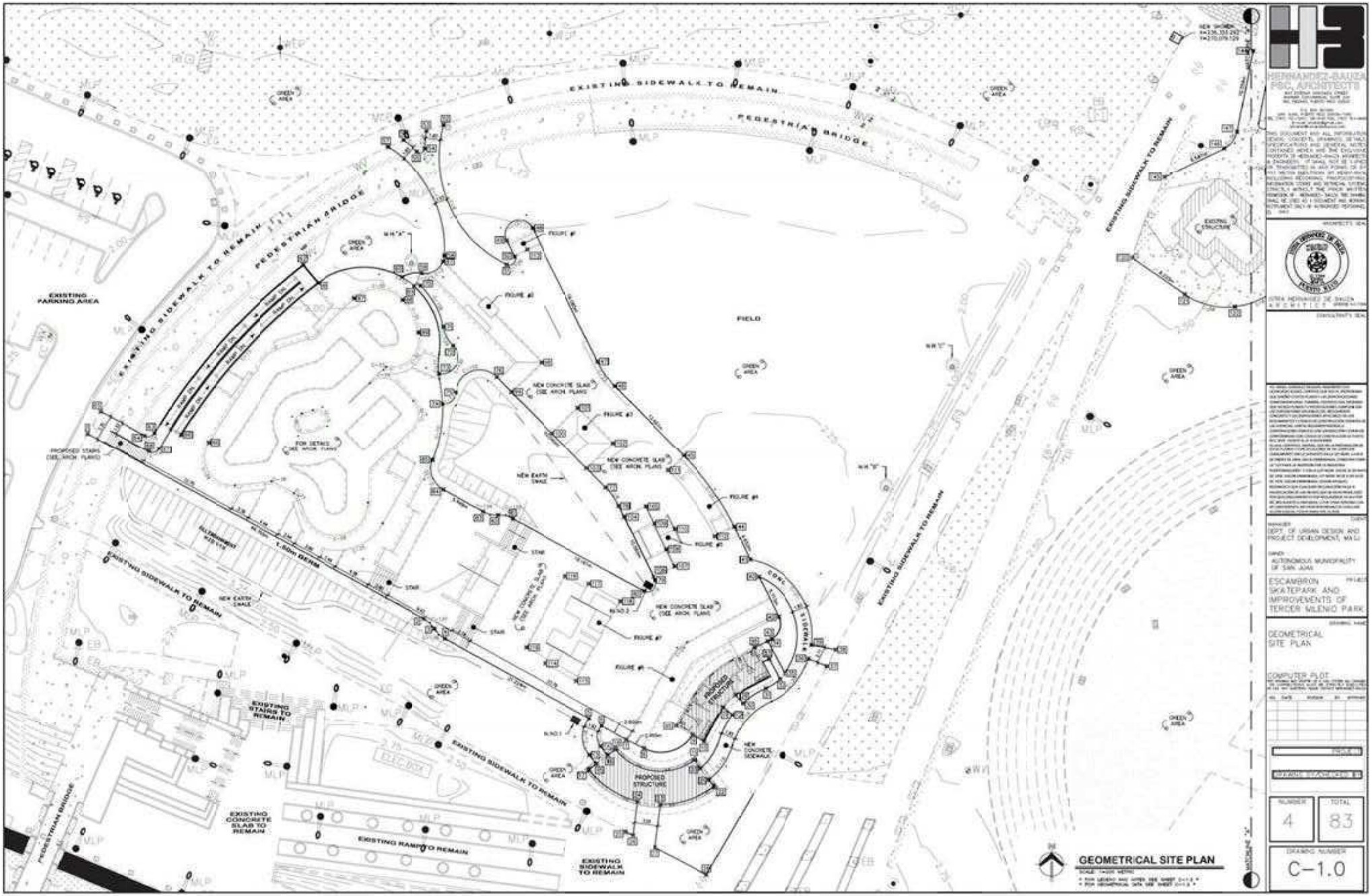
COMPUTER PLOT

NO.	DATE	REMARKS	BY	APPROVED

SCALE: 1" = 40'-0"

SHEET NUMBER	TOTAL
3	83

DRAWING NUMBER
X-1.1



HERNANDEZ-SAEZA PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MAU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

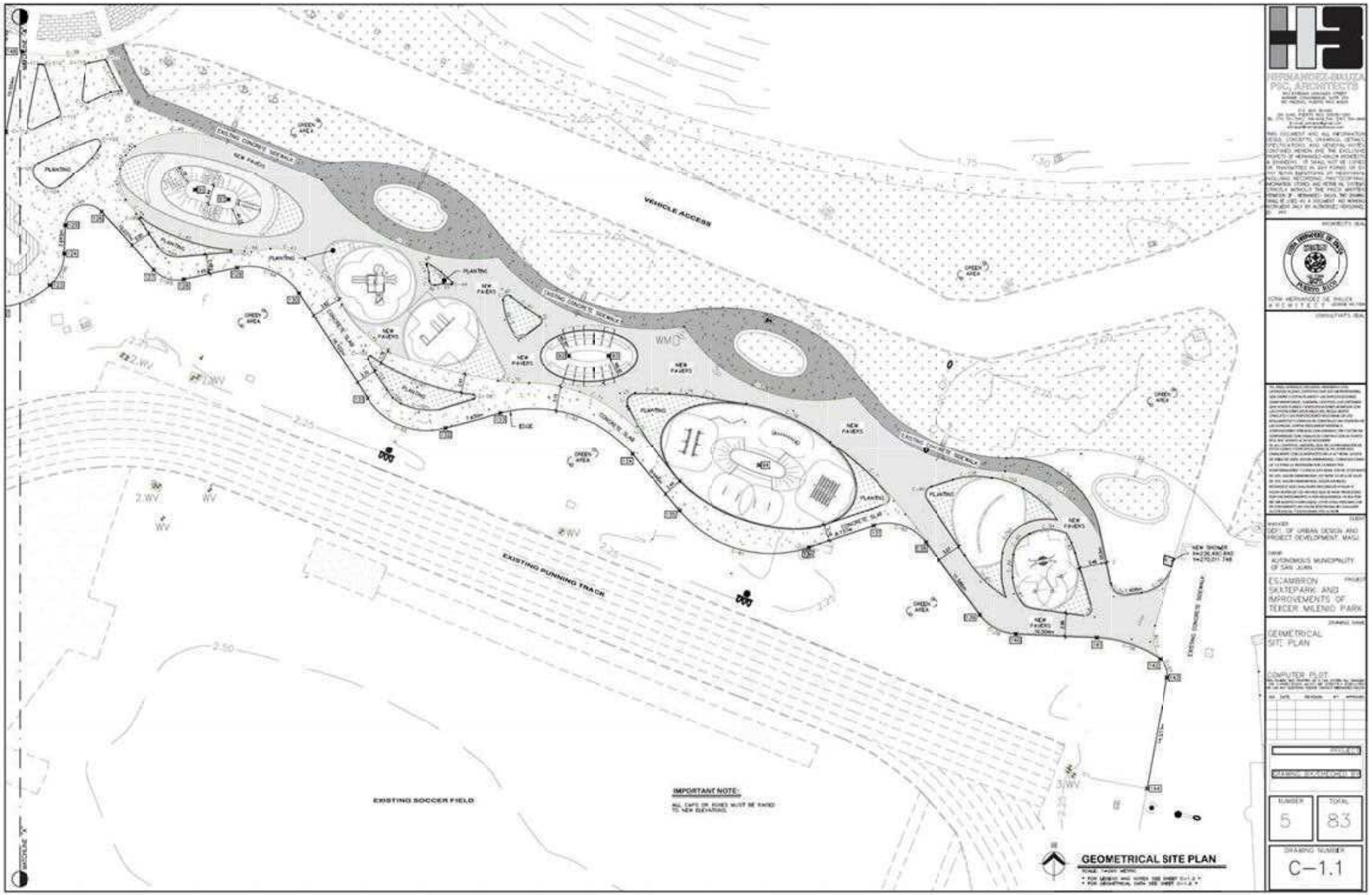
GEOMETRICAL SITE PLAN

COMPUTER PLOT

NUMBER	TOTAL
4	83

DRAWING NUMBER

C-1.0



HERNANDEZ-QUIZA P&C, ARCHITECTS

ARCHITECT

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ES.AMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

GEOMETRICAL SITE PLAN

COMPUTER PLOT

NUMBER	TOTAL
5	83

DRAWING NUMBER

C–1.1

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C=1	87°20'24"	13.41	9.18	2.82	16.98	15.78	270002.0804	236233.8195
C=2	88°05'51"	2.44	2.76	1.24	4.13	3.85	270001.2858	236236.7561
C=3	7°46'31"	17.24	1.17	0.04	2.32	2.32	270002.0410	236233.8195
C=4	13°12'57"	0.61	1.20	0.82	1.40	1.11	270004.9765	236236.1350
C=5	7°04'15"	18.25	1.13	0.04	2.26	2.26	270004.2725	236234.9784
C=6	78°43'26"	13.41	12.87	4.82	21.44	19.75	270002.6762	236253.9401
C=7	42°26'14"	3.66	1.42	0.27	2.71	2.65	270005.2660	236235.6898
C=8	19°13'35"	8.14	1.47	0.12	2.91	2.90	270014.8197	236253.4133
C=9	149°00'00"	1.67	9.39	6.48	8.70	3.23	270008.8610	236265.3132
C=10	23°38'26"	18.28	3.83	0.40	7.55	7.49	270021.4611	236233.705
C=11	19°07'43"	19.68	1.99	0.11	3.77	3.76	270017.0418	236248.5044
C=12	126°00'04"	9.75	24.16	16.21	23.15	18.05	270008.9097	236228.551
C=13	151°13'02"	14.88	13.32	1.19	26.39	26.22	269986.7994	236268.9232
C=14	86°24'47"	0.61	0.61	0.31	1.43	1.29	270008.7289	236251.7796
C=15	88°16'49"	0.61	0.66	0.36	1.41	1.27	270008.7950	236251.2374
C=16	75°27'46"	3.82	2.96	1.01	5.03	4.68	269989.2715	236240.6997
C=17	82°41'46"	1.89	1.75	0.68	2.83	2.59	269986.2717	236240.8902
C=18	33°59'28"	8.14	2.76	0.42	5.42	5.35	269992.7978	236267.1324
C=19	46°20'51"	8.14	4.13	0.95	7.75	7.53	269985.4753	236265.0284
C=20	49°11'07"	8.76	4.01	0.92	7.52	7.29	270007.7801	236277.9472
C=21	89°46'39"	9.91	9.21	3.92	14.84	13.48	270002.2858	236279.5951
C=22	19°43'32"	36.64	5.39	0.39	10.70	10.66	269998.7466	236242.7524
C=23	19°13'26"	13.19	1.99	0.15	3.88	3.86	270042.9153	236264.8629
C=24	52°56'10"	5.05	1.48	0.22	2.89	2.85	269998.9874	236219.7862
C=25	75°56'08"	4.71	5.22	1.76	9.66	8.24	270018.8582	236225.4352
C=26	181°39'31"	4.21	25.19	23.27	13.53	8.42	270018.3044	236235.1467
C=27	43°32'46"	1.52	0.61	0.12	1.19	1.13	270016.1222	236216.1353
C=28	359°50'30"	5.00	0.10	0.01	0.19	0.19	270021.4888	236211.5039
C=29	139°50'16"	2.66	7.31	4.52	9.10	6.94	270025.1218	236212.0539
C=30	92°16'37"	4.27	6.44	1.80	6.81	6.10	270042.5829	236230.423
C=31	28°46'37"	9.14	2.43	0.32	4.75	4.70	270035.5262	236209.9961
C=32	43°08'21"	5.35	2.10	0.42	4.03	3.93	270036.5597	236231.7671
C=33	88°00'00"	3.44	3.44	1.01	5.03	4.45	270033.0039	236231.2465
C=34	88°00'00"	3.44	3.44	1.01	5.03	4.45	270030.5871	236233.5124
C=35	180°00'00"	1.00	INFINITY	INFINITY	6.07	2.00	270026.8054	236231.2088
C=36	180°00'00"	1.00	INFINITY	INFINITY	6.07	2.00	270030.0262	236222.6741
C=37	180°00'00"	1.00	INFINITY	INFINITY	6.07	2.00	270030.0262	236222.6741
C=38	5°07'04"	5.05	1.52	0.38	2.82	2.73	270007.6956	236208.1671
C=39	24°40'18"	21.68	9.76	1.62	13.10	12.91	270008.5743	236248.0580
C=40	60°19'56"	13.02	8.30	1.82	11.91	11.19	270008.0802	236264.6985
C=41	23°29'51"	3.66	0.83	0.09	1.53	1.52	270041.9051	236268.8634
C=42	13°14'17"	8.34	0.97	0.04	1.93	1.92	270054.9974	236263.7832
C=43	21°37'27"	8.64	1.65	0.21	3.63	3.78	270061.8135	236260.6568
C=44	22°08'26"	11.75	2.30	0.23	4.34	4.31	270065.1287	236268.1288
C=45	29°38'24"	24.21	6.41	0.82	12.53	12.39	270076.0081	236273.0327
C=46	11°22'47"	17.17	2.62	0.20	5.21	5.19	270068.9348	236273.2051
C=47	44°57'40"	6.13	2.46	0.48	4.48	4.36	270040.0724	236275.8411

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C=48	28°03'42"	13.02	3.40	0.38	6.79	6.74	270036.4371	236270.1709
C=49	47°41'10"	14.02	6.10	1.12	11.83	11.46	270052.8942	236266.1523
C=50	58°04'02"	4.99	2.99	0.88	4.89	4.69	270011.8705	236414.3831
C=51	82°53'24"	23.94	14.66	4.13	28.28	24.98	270074.6546	236461.3911
C=52	75°46'26"	20.52	14.55	4.63	25.31	23.13	270053.0509	236443.1408
C=53	57°26'14"	15.48	8.48	2.17	15.52	14.88	270007.8052	236448.2127
C=54	79°25'42"	11.47	9.66	3.52	16.17	14.91	270013.8658	236470.9115
C=55	85°31'48"	1.84	1.71	0.67	2.75	2.51	270009.2456	236465.2367
C=56	54°16'39"	5.28	2.88	0.65	4.97	4.79	270012.8694	236466.3022
C=57	82°54'12"	2.44	1.40	0.42	2.68	2.54	269997.2182	236466.2831
C=58	27°55'25"	13.54	4.44	0.82	8.68	8.55	269986.3991	236480.8177
C=59	90°04'02"	6.10	3.85	0.98	9.42	9.24	270008.8489	236411.4305
C=60	72°07'30"	6.10	4.40	1.45	7.67	7.18	270013.5015	236414.1372
C=61	86°04'56"	15.24	10.48	3.28	16.37	11.28	270021.9018	236439.9343
C=62	85°35'52"	16.46	10.93	3.77	16.82	17.61	270015.0080	236459.1828
C=63	72°53'58"	6.10	5.00	2.19	11.50	10.76	270007.7940	236450.2440
C=64	89°18'32"	1.82	3.27	1.64	6.22	5.67	270042.1595	236532.0128
C=65	80°20'17"	2.86	2.21	0.62	4.18	3.86	270051.3667	236530.1507
C=66	46°17'15"	5.43	2.43	0.52	4.51	4.44	270051.3582	236545.1538
C=67	24°27'12"	10.86	2.42	0.52	9.64	9.54	270055.4648	236536.4088
C=68	42°50'39"	9.14	3.56	0.68	6.84	6.68	270053.6382	236539.6567
C=69	139°01'15"	2.74	6.79	4.58	8.51	5.05	270034.8182	236531.4605
C=70	4°23'20"	51.74	1.98	0.04	3.67	3.67	270089.4661	236410.4329
C=71	52°56'45"	19.11	9.53	2.24	17.67	17.05	270015.8478	236408.5364
C=72	7°30'50"	56.05	3.46	0.08	4.91	4.90	270048.5234	236405.5208
C=73	11°05'09"	1.22	1.40	1.05	3.43	3.09	270032.2912	236403.3303
C=74	21°13'20"	11.35	2.23	0.33	4.44	4.44	269998.1852	236424.2185
C=75	7°04'08"	30.63	0.19	0.01	4.22	4.22	270002.8771	236435.8110
C=76	21°08'30"	23.31	6.21	0.85	13.11	11.96	270015.1369	236430.9139
C=77	17°55'42"	47.68	7.04	0.52	13.98	13.93	269998.8669	236419.8731
C=78	46°26'39"	5.03	2.15	0.44	4.07	3.96	270001.3817	236405.8866
C=79	11°21'54"	5.78	1.16	0.83	1.91	1.27	270010.7788	236434.2072
C=80	108°21'29"	1.01	1.40	0.72	1.88	1.71	270020.2788	236430.9209
C=81	37°17'31"	15.03	3.86	0.87	7.84	7.56	270020.8828	236418.2910
C=82	11°21'42"	0.91	1.41	0.77	1.62	1.53	270005.8371	236440.0860
C=83	12°19'31"	12.60	1.45	0.08	2.76	2.76	270008.8668	236466.9268
C=84	48°15'48"	9.01	2.99	0.37	8.05	4.90	270009.8614	236470.4240
C=85	52°06'23"	5.05	1.91	0.46	3.52	3.39	270001.8970	236464.3821
C=86	12°46'18"	13.27	1.49	0.08	2.83	2.83	270001.8705	236479.3821
C=87	12°46'18"	13.27	1.49	0.08	2.83	2.83	270013.4783	236482.8620
C=88	83°47'06"	6.07	2.11	0.34	8.08	4.61	270018.1160	236471.0842
C=89	83°47'06"	6.61	0.65	0.28	1.00	0.89	270041.0812	236467.2468
C=90	28°16'02"	19.07	2.54	0.32	4.85	4.83	270046.2480	236410.2784
C=91	134°04'14"	5.61	1.47	0.66	1.44	1.13	270045.4662	236405.8662
C=92	8°16'40"	26.29	2.27	0.06	4.53	4.52	270067.5305	236424.9672
C=93	112°10'31"	5.61	0.51	0.48	1.10	1.01	270042.7782	236408.9067
C=94	139°01'52"	19.61	2.03	0.12	4.04	4.03	270030.7991	236398.8164

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C=94	141°24'28"	0.13	0.44	0.21	0.38	0.29	270047.3884	236398.5201
C=95	18°47'56"	9.58	1.58	0.08	2.19	2.13	270040.9151	236397.7223
C=96	101°10'48"	0.61	0.74	0.35	1.08	0.94	270041.9474	236394.3294
C=97	18°38'15"	6.38	1.08	0.06	2.13	2.12	270047.8453	236388.0412
C=98	11°10'41"	0.11	0.43	0.30	0.38	0.25	270050.0767	236395.5918
C=99	156°03'17"	0.11	0.83	0.48	0.42	0.20	270055.8444	236396.3766
C=100	90°36'52"	3.01	1.78	0.48	3.83	3.09	270054.5363	236363.2144
C=101	168°54'25"	0.11	1.73	1.56	0.43	0.20	270051.7363	236370.1051
C=102	154°14'52"	0.34	1.24	1.09	0.82	0.59	270037.9858	236387.8719
C=103	4°33'02"	61.03	2.34	0.24	4.67	4.67	270066.3487	236442.4359
C=104	23°43'36"	8.16	1.68	0.13	2.52	2.51	270037.2680	236395.3225
C=105	30°47'23"	8.44	2.56	0.39	5.05	4.99	270040.8479	236380.8754
C=106	159°16'30"	0.34	1.39	1.12	0.93	0.60	270032.9495	236421.2068
C=107	245°01'33"	30.49	7.00	0.85	111.53	14.00	270063.0603	236405.0186
C=108	24°37'07"	8.34	2.03	0.22	3.66	3.66	270013.3313	236385.9498
C=109	23°43'18"	10.16	2.13	0.22	4.01	4.18	270012.3417	236466.8678
C=110	22°12'33"	15.89	3.10	0.30	6.13	6.09	270007.9142	236464.3962
C=111	19°02'11"	5.34	0.25	0.09	0.42	0.39	270075.3256	236345.5895
C=112	84°54'36"	0.34	0.20	0.09	0.25	0.23	270075.5636	236345.8428
C=113	82°23'08"	0.61	0.53	0.23	0.88	0.80	270068.5202	236347.4963
C=114	126°57'08"	0.61	1.02	0.75	1.35	1.09	270068.5176	236344.4490
C=115	19°36'13"	0.41	0.08	0.14	0.84	0.59	270075.6361	236353.7514
C=116	20°01'15"	7.61	1.35	0.13	2.67	2.65	270064.8481	236356.7728
C=117	122°24'28"	0.61	1.11	0.88	1.30	1.07	270071.4144	236351.5353
C=118	113°36'53"	1.22	1.78	0.93	2.25	2.01	270061.8031	236345.8860
C=119	9°26'36"	26.96	1.84	0.05	3.28	3.28	270036.3433	236360.4783
C=120	141°28'35"	0.61	1.76	1.25	1.51	1.16	270065.0863	236352.7951
C=121	18°22'29"	8.21	1.33	0.11	2.64	2.63	270036.2135	236246.0638
C=122	82°55'19"	1.53	1.34	0.51	2.21	2.03	270061.5395	236347.5229
C=123	180°00'00"	1.82	INFINITY	INFINITY	5.73	3.64	270053.8625	236248.8855
C=124	141°57'14"	0.74	2.01	1.58	1.83	1.44	270050.6584	236247.3808
C=125	41°47'27"	0.61	0.63	0.27	0.68	0.66	270045.8113	236235.7139
C=126	53°37'07"	16.35	2.13	0.46	8.68	8.38	270076.6100	236229.6914
C=127	32°47'40"	4.84	1.44	0.21	2.76	2.73	270052.9466	236243.8311
C=128	142°52'38"	2.11	6.39	4.57	5.32	4.05	270038.0667	236239.8304
C=129	48°28'15"	1.33	1.68	0.74	2.84	2.25	270033.4200	236239.2018
C=130	13°57'58"	5.03	1.00	0.09	2.07	2.06	270033.6140	236243.7667
C=131	82°44'30"	3.01	3.68	1.61	4.45	4.03	270033.8145	236240.5421
C=132	51°13'08"	3.64	1.02	0.14	3.66	1.97	270021.3321	236245.8578
C=133	51°13'08"	3.64	1.02	0.14	3.66	1.97	270014.9129	236246.2340
C=134	28°04'27"	3.64	0.93	0.13	1.99	1.84	270005.0538	236241.0404
C=135	245°04'43"	3.64	0.85	0.13	3.85	1.84	270001.1191	236234.8388

COORDINATE POINTS

POINT ID	NORTHING	EASTING
1	270008.2307	236165.3482
2	270004.3765	236236.4059
3	270003.1140	236237.8066
4	270001.8515	236239.2151
5	269997.5983	236257.8053
6	269992.8707	236258.4661
7	269988.8758	236262.9215
8	269987.7503	236264.8958
9	269983.5151	236271.1063
10	269988.8457	236279.8902
11	269983.5260	236275.1018
12	269982.9846	236276.2062
13	269980.8184	236277.4756
14	269988.0402	236258.3117
15	269985.7467	236258.7012
16	269988.8843	236260.2087
17	269985.0137	236257.8024
18	269987.6205	236261.2967
19	269986.2521	236271.3055
20	269985.1567	236272.1103
21	269983.6884	236273.2969
22	269982.8492	236273.9402
23	269983.3218	236267.0138
24	269980.9260	236263.8014
25	269977.0400	236262.3260
26	269975.8963	236263.4139
27	269975.2405	236266.3986
28	269971.5147	236272.9112
29	269964.8150	236276.9068
30	269963.5334	236277.9327
31	269965.4061	236280.4768
32	269966.4269	236282.3551
33	269966.2144	236280.9084
34	270041.5260	236280.7254
35	269961.3412	236282.9835
36	269966.2774	236286.0563
37	269968.3060	236286.3500
38	270003.4259	236286.9461
39	270001.4313	236286.4252
40	270005.7618	236279.4017
41	270011.8952	236278.5172
42	270004.4208	236282.1981
43	270001.8145	236281.2423
44	270016.1730	236276.5966
45	270003.5387	236268.6815
46	270004.5932	236241.1133
47	270007.5903	236256.9960
48	270004.8882	236250.0377
49	270003.0787	236247.2132
50	270000.8937	236246.2456

COORDINATE POINTS

POINT ID	NORTHING	EASTING
51	270004.9726	236247.2285
52	270007.8751	236239.1035
53	270007.2038	236239.9989
54	270004.9940	236239.7450
55	270004.5356	236235.7152
56	270005.0276	236235.8218
57	270005.1515	236231.9471
58	270001.1767	236239.2902
59	270000.9868	236236.3276
60	270000.3871	236233.7258
61	270007.8218	236233.9374
62	270004.9826	236231.0020
63	270004.7148	236231.9444
64	270007.9844	235230.7936
65	270001.1147	236195.2844
66	270006.1102	236205.4353
67	270006.3788	236202.5750
68	270005.9283	236201.3372
69	270007.2473	236235.3217
70	270007.2941	236236.2030
71	270041.9905	236234.0536
72	270036.5982	236240.3454
73	270035.9565	236236.5050
74	270035.1213	236236.4859
75	270033.0580	236240.7241
76	270035.3441	236245.9489
77	270021.2063	236259.6128
78	270018.8432	236261.6243
79	270009.3604	236268.2712
80	270001.8575	236264.7676
81	270017.2132	236246.0212
82	270017.6875	236246.1262
83	270018.1188	236244.1905
84	270005.9461	236239.0663
85	270004.1364	236237.7086
86	270027.0998	236208.8201
87	270005.9430	236207.6403
88	270040.4493	236232.7021
89	270041.2861	236235.4350
90	270058.4334	236269.4384
91	270058.3827	236268.8011
92	270038.2574	236413.7080
93	270038.2842	236418.8020
94	270024.0461	236438.9563
95	269990.4804	236268.9729
96	270060.7274	236270.0782
97	270057.5768	236239.0286
98	270037.4210	236251.8862
99	270023.6345	236247.8126
100	270038.2718	236253.0629

COORDINATE POINTS

POINT ID	NORTHING	EASTING
101	270031.5734	236254.4332
102	270024.4948	236260.9062
103	270023.8634	236257.3268
104	270017.4062	236262.3163
105	270018.7898	236265.1019
106	270009.7839	236268.2236
107	270011.1275	236268.9567
108	270010.5184	236267.1841
109	270018.9018	236268.1788
110	270015.8675	236268.8952
111	270023.4364	236268.6838
112	270014.9484	236274.0537
113	270001.4239	236248.4238
114	269998.6741	236252.1913
115	269996.4262	236254.2311
116	270000.6263	236261.8823
117	270008.8743	236257.7467
118	270009.6523	236254.7595
119	270000.7147	236248.7166
120	270009.8861	236237.8702
121	270046.1091	236334.3473
122	270044.5773	236340.8865
123	270047.3447	236348.8135
124	270051.4196	236348.3813
125	270050.0763	236348.7192
126	270058.8656	236353.3046
127	270046.3263	236360.1980
128	270046.0977	236363.9888
129	270045.6027	236370.8862
130	270046.2126	236376.9039
131	270032.8114	236387.6773
132	270038.9458	236387.7244
133	270032.8958	236404.8563
134	270027.4437	236421.8698
135	270018.2128	236421.8972
136	270013.4625	236444.5091
137	270016.2773	236452.7874
138	270014.1301	236459.8358
139	270004.8204	236468.5320
140	270003.3560	236471.1571
141	270007.8881	236481.8510
142	269998.1527	236486.7468
143	269999.7761	236490.6845
144	269982.4810	236488.0565
145	270081.2181	236331.8129
146	270084.9342	236326.4887
147	270087.1161	236341.1567
148	270077.4778	236343.1884

LEGEND:

- 1 — COORDINATE POINT
- V-1 — VERTEX LABEL
- PC — POINT OF CURVE
- PT — POINT OF TANGENT
- PROPERTY LIMIT
- PORTION OF EXISTING FENCE TO BE DEMOLISHED

HATCH LEGEND:

- NEW PAVERS AREA
- NEW CONCRETE SLAB
- EXISTING CONCRETE SLAB

NOTES:

1—DIMENSIONS AND/OR ELEVATIONS ARE SHOWN IN METRIC SYSTEM.

2—THIS PLAN AND OTHER RELATED ONES, HAS BEEN PREPARED CONSIDERING THE INFORMATION INCLUDED IN THE "AS—BUILT & TOPOGRAPHIC SURVEY PLAN OF ESCAMBRON BEACH HOTEL INTAMARE & PORTION OF SANTA "ESCAMBRON PARK" PREPARED BY MUÑOZ PROFESSIONAL LAND SURVEYORS AND DATED ON SEPTEMBER 20, 2022.

3—CONTRACTOR SHALL REPAIR AND MAINTAIN IN ACCEPTABLE CONDITIONS ANY EXISTING PAVEMENT AND UTILITIES THAT WILL REMAIN IN USE AFTER THE COMPLETION OF THE PROJECT. CONTRACTOR SHALL REPAVE ANY AFFECTED AREA OF PAVEMENT WITH 1" ASPHALT TYPE S-1.

4—COORDINATES ARE REFERRED TO LAMBERT NAD 83 (NRVS 2007) & ELEVATIONS TO "MEAN SEA LEVEL" DATUM (PRVD 2002).



CONCRETE SIDEWALK DETAIL (1 / 25)

GEOMETRICAL DATA

NOT TO SCALE

HERNANDEZ-QUIJA PSC, ARCHITECTS



ICSW HERNANDEZ DE SILLER ARCHITECT

CONSULTANTS SEAL

OWNER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GEOMETRICAL DATA

COMPUTER PLOT

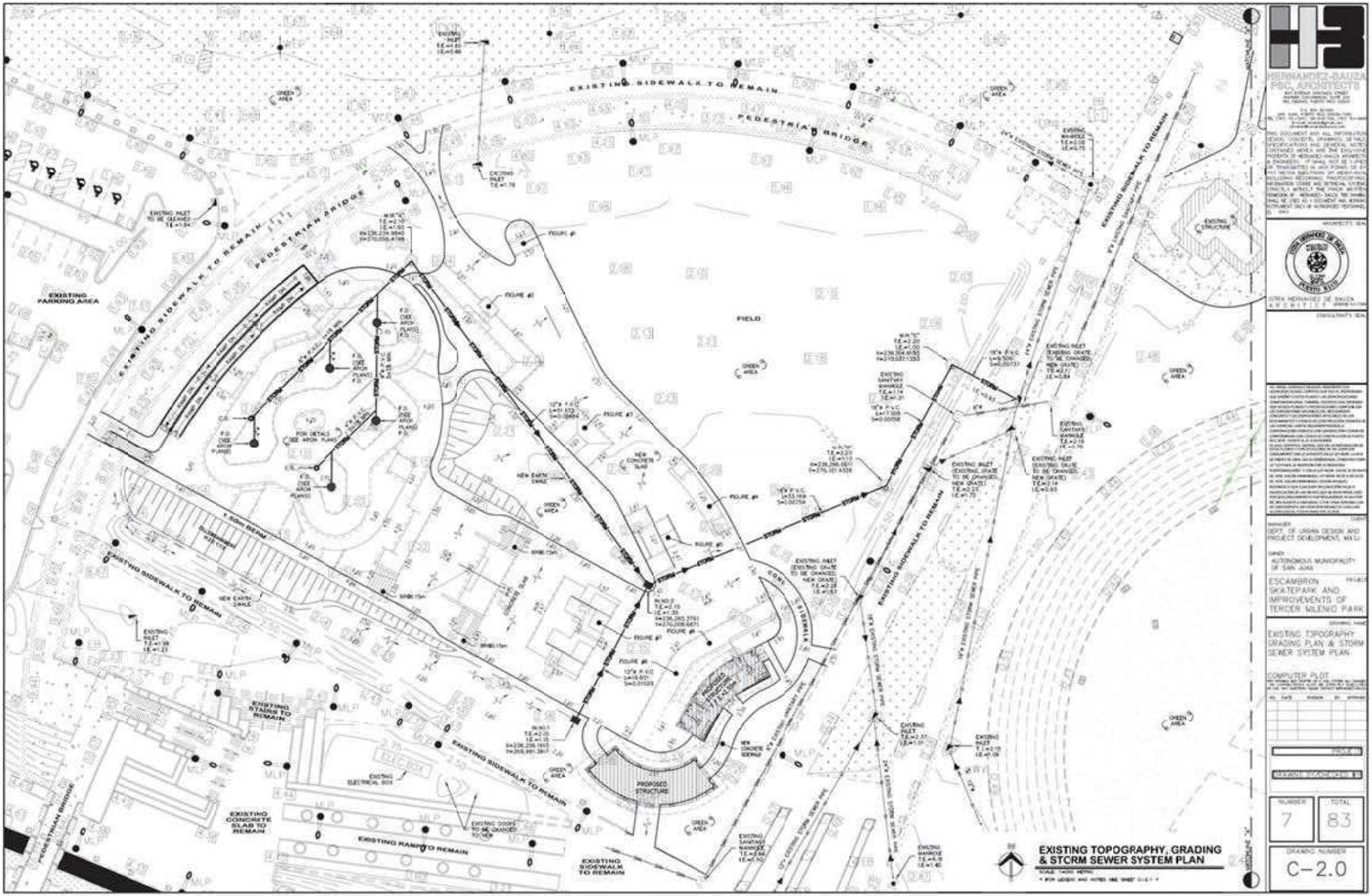
NO.	DATE	REVISION	BY	APPROVED

PROJECT No.

PLANNING BOARD APPROVAL

NUMBER	TOTAL
6	83

DRAWING NUMBER
C—1.2



HERNANDEZ-SUAZO P.S.C. ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MAUI

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

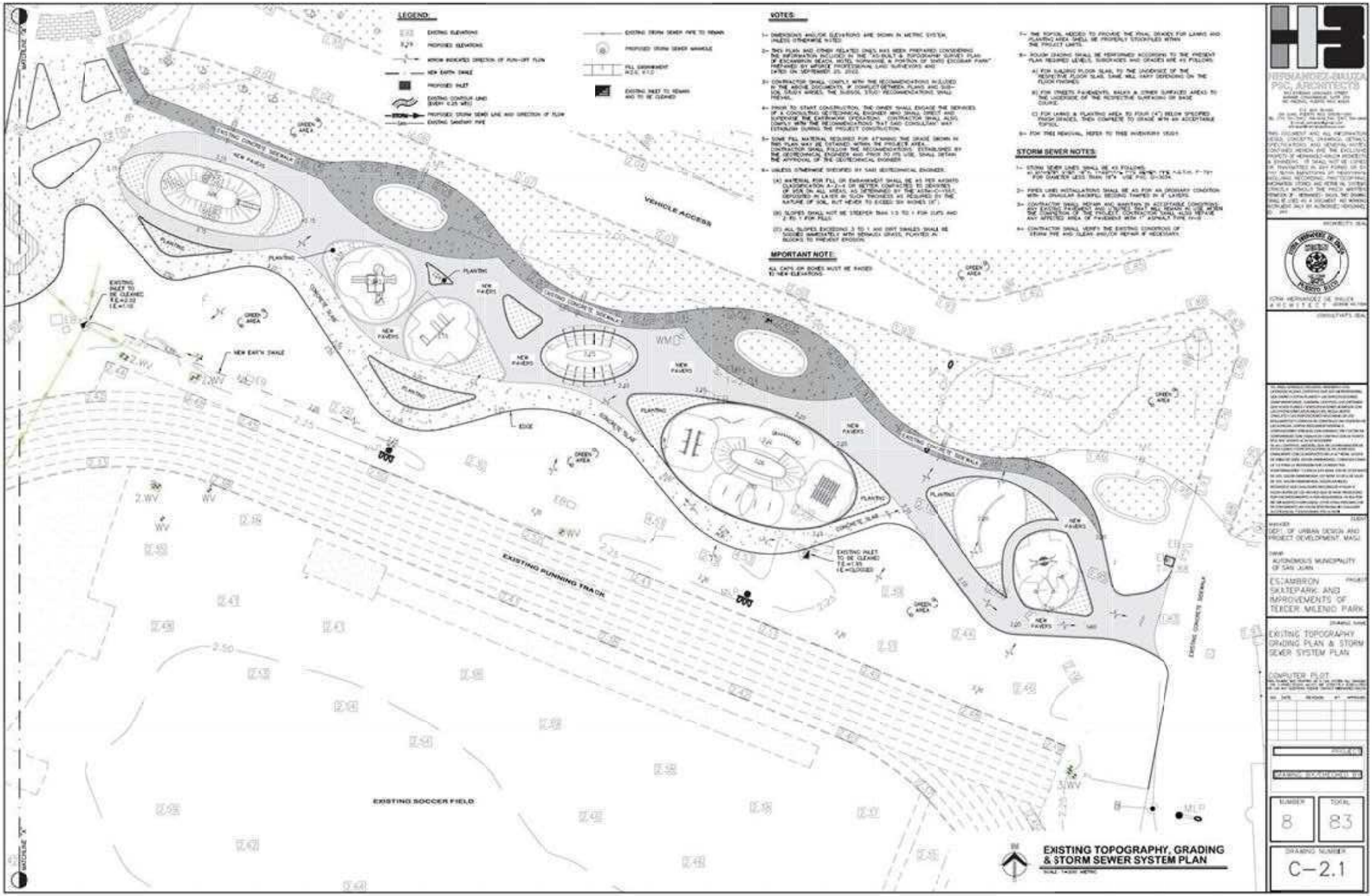
EXISTING TOPOGRAPHY, GRADING PLAN & STORM SEWER SYSTEM PLAN

COMPUTER PLOT

NUMBER	TOTAL
7	83

DRAWING NUMBER

C-2.0



HERNANDEZ-DELUZA PSU, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

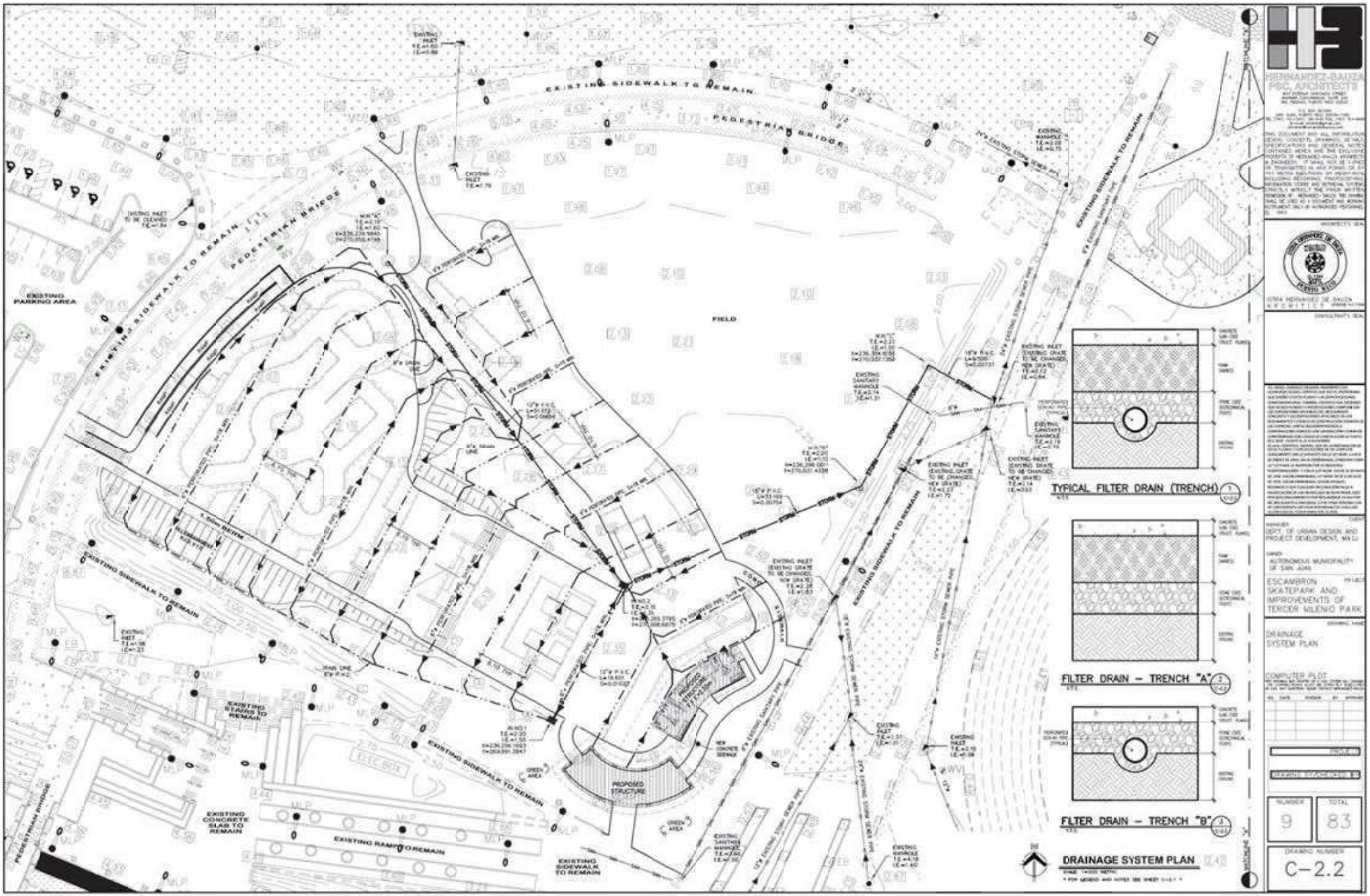
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

EXISTING TOPOGRAPHY, GRADING PLAN & STORM SEWER SYSTEM PLAN

COMPUTER PLOT

NUMBER 8 | TOTAL 83

DRAWING NUMBER C-2.1



HERNANDEZ-SUAZO P.S.C. ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MAJU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

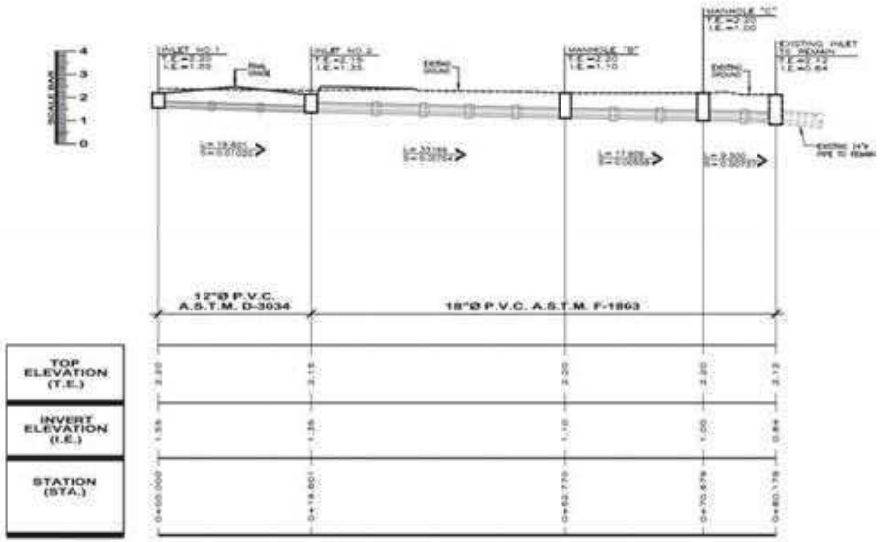
DRAINAGE SYSTEM PLAN

COMPUTER PLOT

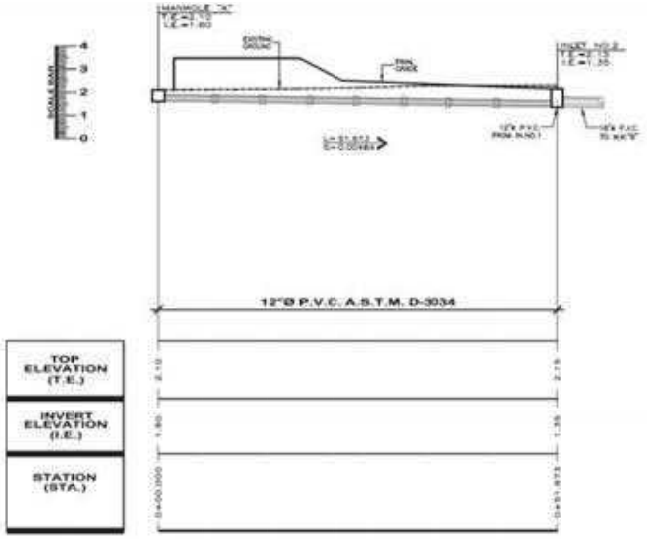
NUMBER	TOTAL
9	83

DRAWING NUMBER

C–2.2



STORM SEWER PROFILE FROM INLET NO.1 TO EXISTING INLET TO REMAIN
SCALE: H: 1:300 V: 1:100



STORM SEWER PROFILE FROM MANHOLE "A" TO INLET NO.2
SCALE: H: 1:300 V: 1:100

HERNANDEZ-SALLES PSC, ARCHITECTS

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PROJECT SEAL

VICTOR HERNANDEZ DE SALLES
ARCHITECT LICENSE NO.7329

CONSULTANTS SEAL

CLIENT

MANAGER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MAJU

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT:
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME:
STORM SEWER SYSTEM PROFILES

COMPUTER PLOT

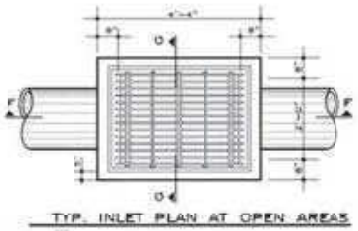
NO.	DATE	REVISION	BY	APPROVED

PHASE I

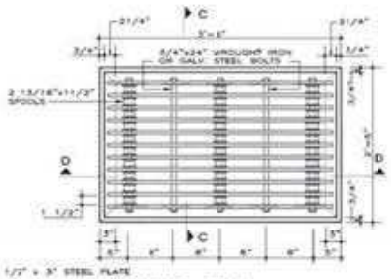
PLANNING BOARD CASE #:

NUMBER	TOTAL
10	83

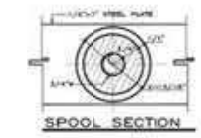
DRAWING NUMBER
C-3.0



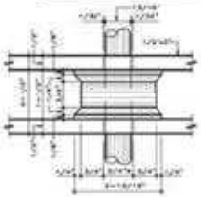
TYP. INLET PLAN AT OPEN AREAS



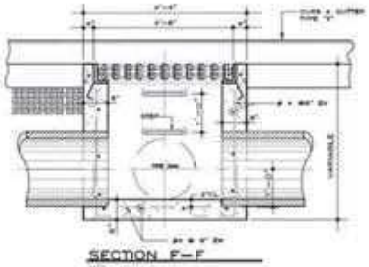
GRATING PLAN



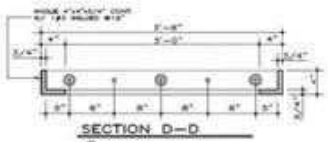
SPOOL SECTION



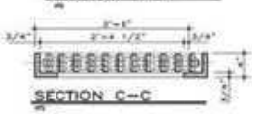
SPOOL DETAIL



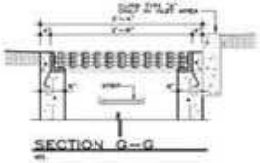
SECTION F–F



SECTION D–D



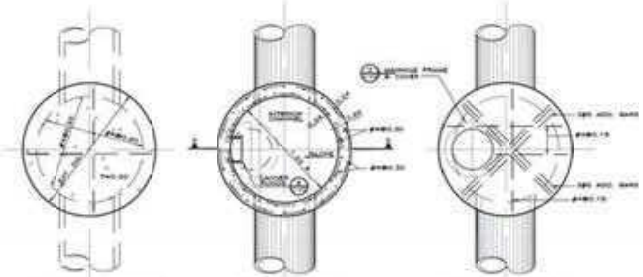
SECTION C–C



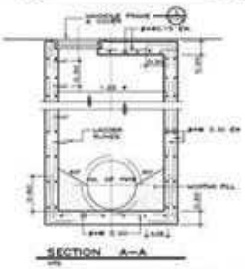
SECTION G–G

CATCH BASIN FOR 24"ø PIPE DETAILS (1)

NOT TO SCALE



BOTTOM SLAB REINF. SECTIONAL PLAN TOP SLAB REINF.



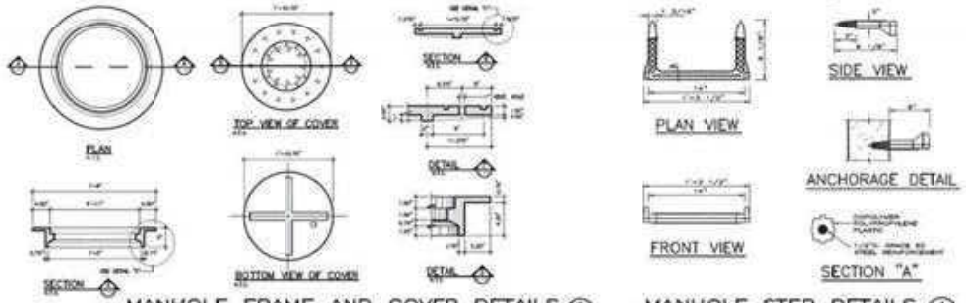
SECTION A–A

MANHOLE DIAMETER SCHEDULE

TYP	MANHOLE DIA.	MAX. PIPE DIA.
1	1.20	24"
2	1.50	28"
3	1.75	42"
4	2.00	48"
5	2.20	54"
6	2.40	60"
7	2.70	66"
8	3.00	72"

STORM SEWER MANHOLE DETAILS (2)

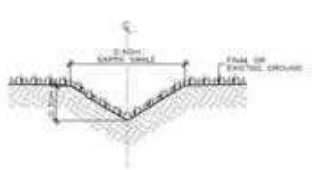
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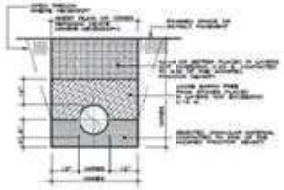
PLAN TOP VIEW OF COVER SECTION DETAIL SIDE VIEW PLAN VIEW ANCHORAGE DETAIL FRONT VIEW SECTION "A" BOTTOM VIEW OF COVER SECTION

MANHOLE FRAME AND COVER DETAILS (3)

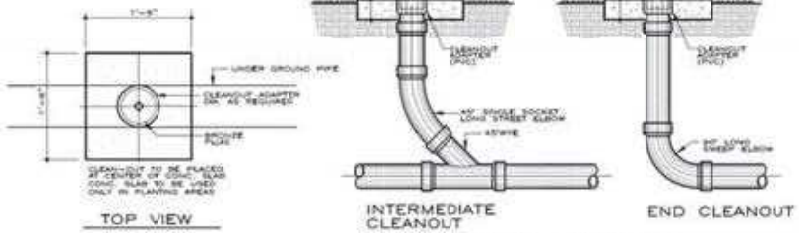
MANHOLE STEP DETAILS (4)



TYPICAL EARTH SWALE DETAIL (5)



STORM PIPE TRENCH DETAIL (6)



TOP VIEW INTERMEDIATE CLEANOUT END CLEANOUT

CLEANOUT DETAILS (7)

N.T.S.

HERNANDEZ-BATES PSC, ARCHITECTS

GEMA HERNANDEZ DE RIVERA ARCHITECT

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OWNER

AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME

STORM SEWER SYSTEM DETAILS

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED

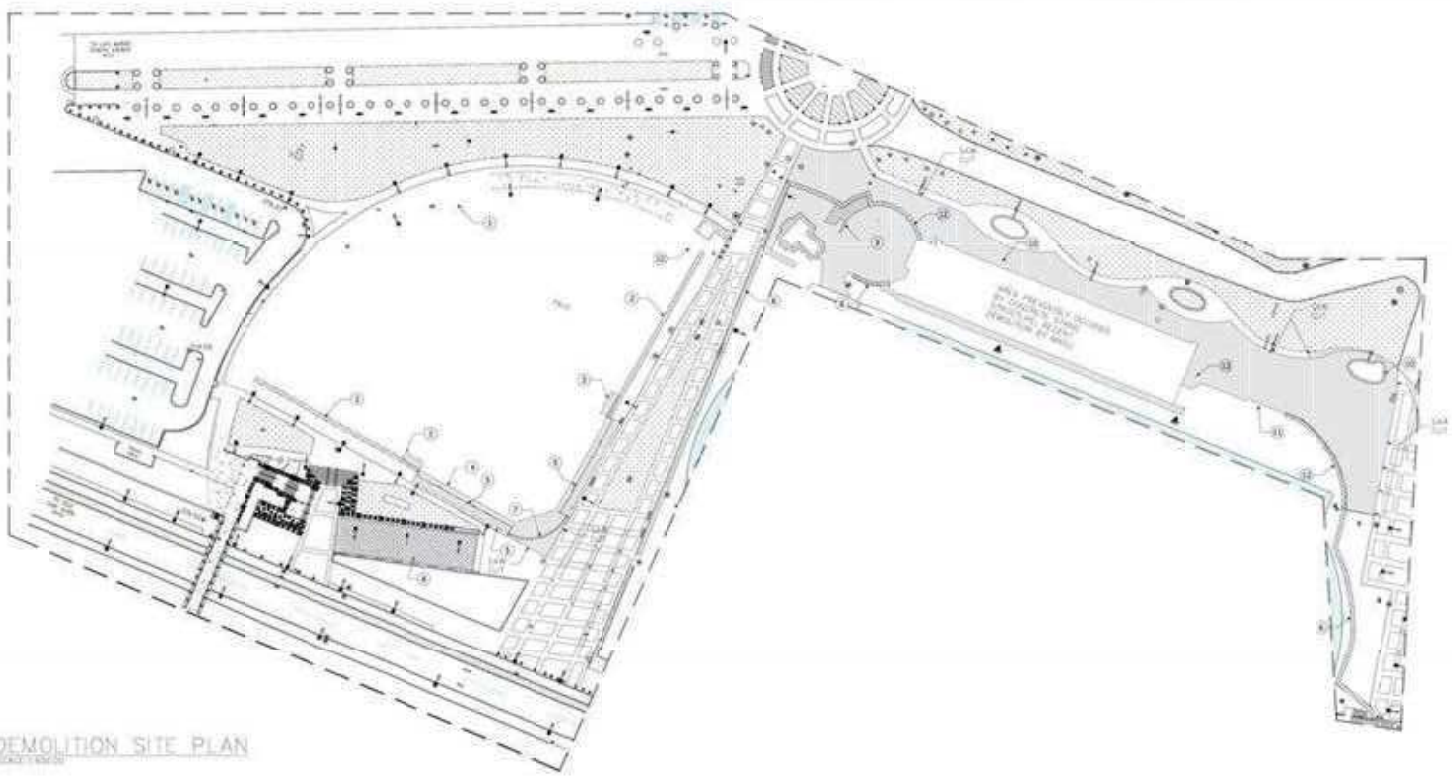
PROJECT NO.

DRAWING NO. (CONTINUED)

NUMBER	TOTAL
11	83

DRAWING NUMBER

C–4.0



DEMOLITION SITE PLAN

DEMOLISHED TAG NOTES



1 BASEBALL FIELD EXTING CYCLONE FENCE

REMOVE AND PROPERLY DISPOSE CYCLONE FENCE AND CONCRETE FOOTING OR FENCE POST



4 BASEBALL FIELD EXTING CYCLONE FENCE W/ CONCRETE BASE

REMOVE AND PROPERLY DISPOSE CYCLONE FENCE CONCRETE BASE AND EXISTING GATE FENCE MUST BE DEMOLISHED AND PROPERLY DISPOSED



7 CONCRETE ARC ENTRANCE

DEMOLISH CONCRETE ENTRANCE AND PROPERLY DISPOSE



10 CONCRETE SLAB

DEMOLISH CONCRETE SLAB AROUND LOW WALL AND PROPERLY DISPOSE



2 RETAINED WALL

DEMOLISH EXISTING WALL AND TESTING, AND PROPERLY DISPOSE



5 CONCRETE BLEACHERS

DEMOLISH CONCRETE BLEACHERS AND PROPERLY DISPOSE



8 CONCRETE PLANTING BASE

DEMOLISH CONCRETE PLANTING BASE AND PROPERLY DISPOSE



11 CYCLONE FENCE & CONCRETE BASE

REMOVE AND PROPERLY DISPOSE CYCLONE FENCE CONCRETE BASE AND FOOTING OR FENCE MUST BE DEMOLISHED AND PROPERLY DISPOSED



3 SHED

DEMOLISHED EXISTING CONCRETE WALL, FLOOR, ROOF, FENCING AND BENCH AND PROPERLY DISPOSE

REMOVE AND PROPERLY DISPOSE EXISTING CYCLONE FENCE WHERE OCCURS



6 CONCRETE WALL

DEMOLISHED CONCRETE BLOCK WALL AND PROPERLY DISPOSE



9 CONCRETE STAGE & BENCH

DEMOLISH CONCRETE STAGE AND BENCH AND PROPERLY DISPOSE



12 METAL GATES, CONCRETE, AND/OR CYCLONE FENCE GATE

REMOVE AND PROPERLY DISPOSE METAL GATES

LEGEND:

DEMOLISHED EXISTING CONCRETE FLOOR SLAB AND REMOVE EXISTING CONCRETE PAVERS TO PROPERLY DISPOSE

EXISTING CONCRETE STRUCTURE TO BE DEMOLISHED

REMOVE FOR RE-INSTALLMENT TO EXISTING CONCRETE PAVERS ACCORDING TO DETAIL ON SHEET AS-1.0

HERNANDEZ-JULIEN PSC ARCHITECTS

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

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LICENSED ARCHITECT

LENA HERNANDEZ DE SALEN

[illegible]

CONSULTANTS

[illegible]

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MHCU

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PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TENDER VALDIVIESO PARK

DRAWING TITLE
DEMOLITION SITE PLAN

COMPUTER PLOT
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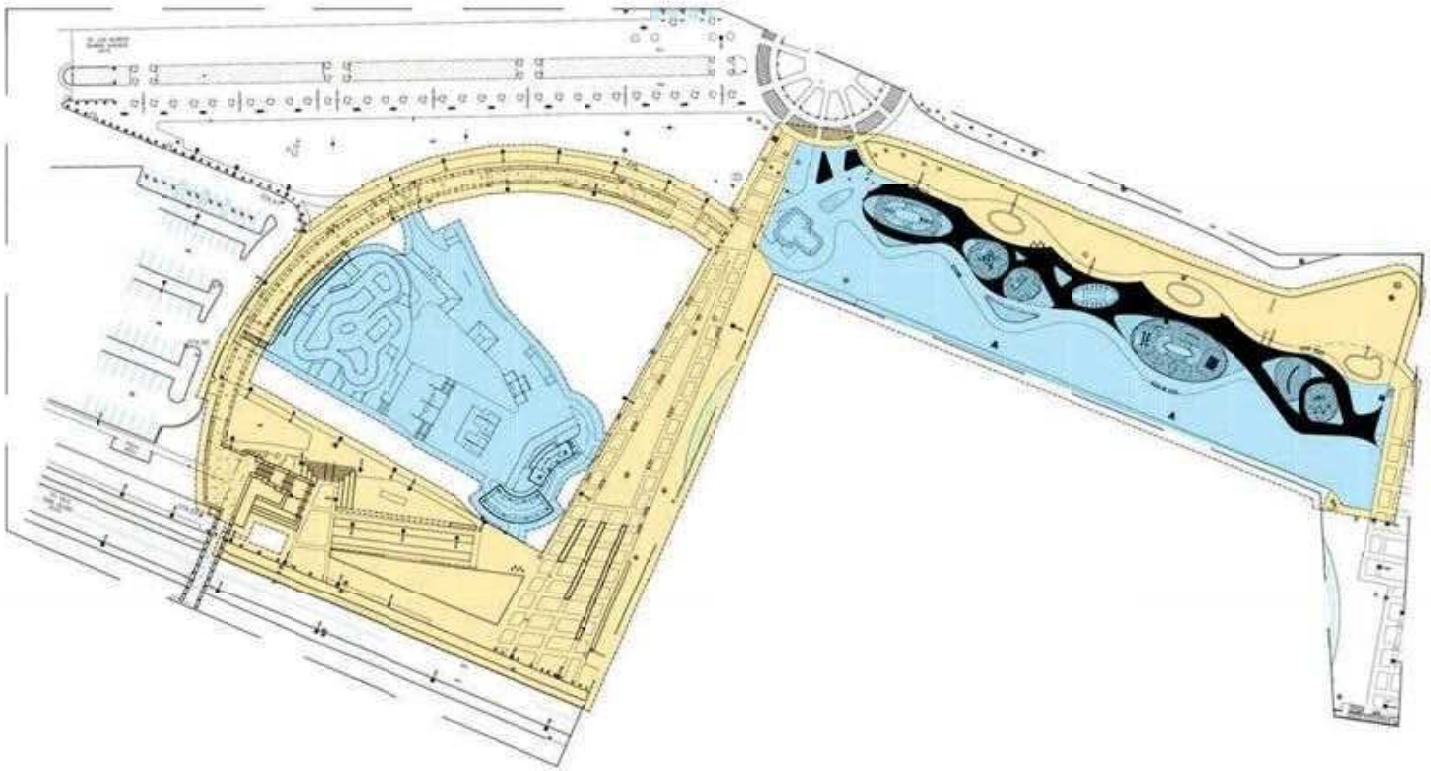
SCALE
AS SHOWN

PLOTTED ON 11"x17" PAPER

S.F.

NUMBER	TOTAL
12	83

DRAWING NUMBER
DS-1.0



ARCHITECTURAL SITE PLAN

LEGEND:

EXISTING AREAS TO BE IMPROVED

NEW CONSTRUCTION AREAS

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ARCHITECTURAL SITE PLAN

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED

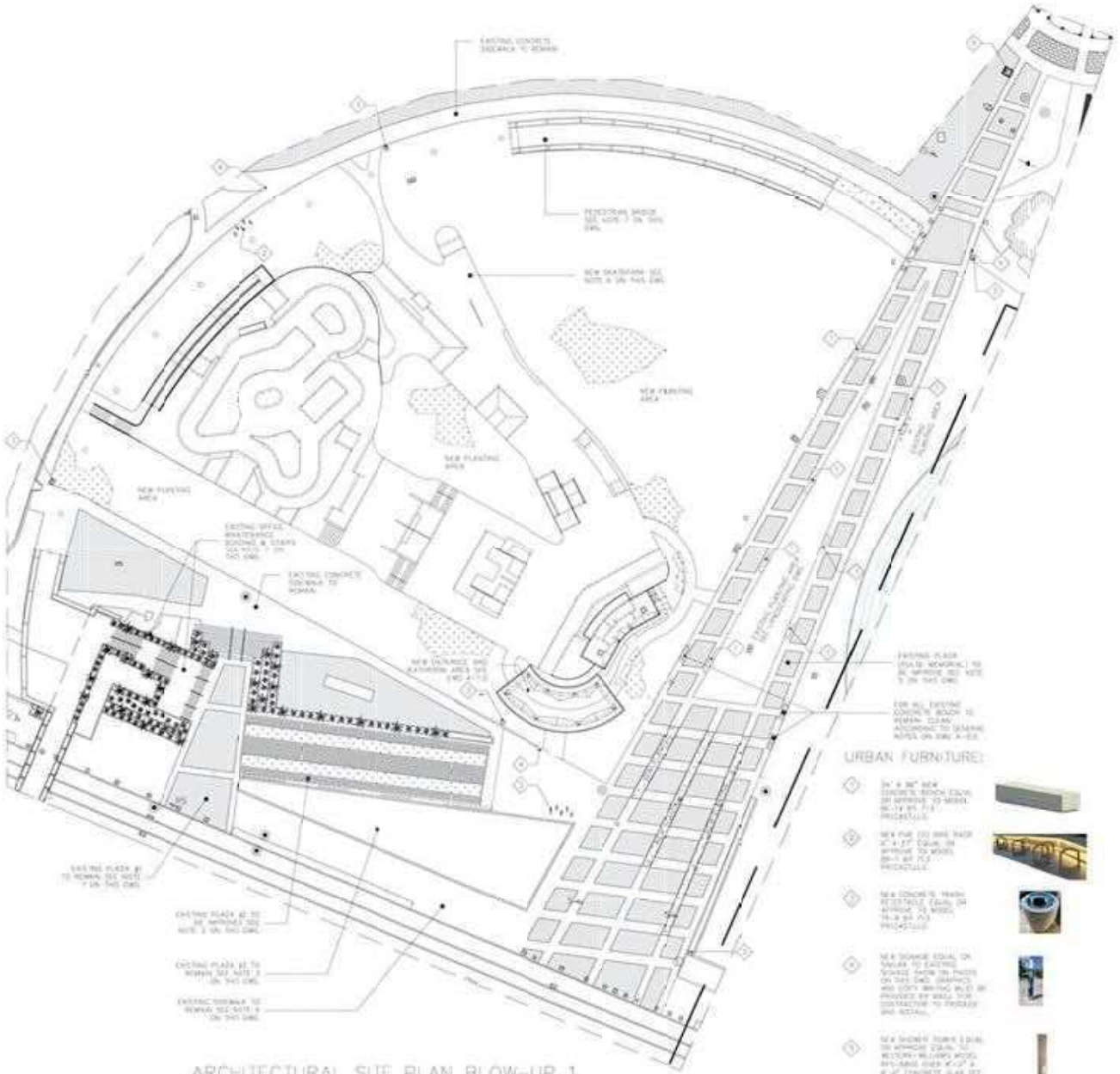
PROJECT NO. 2018-0001

PHASE: PERMIT SUBMISSION SET

JOB 1.0

NUMBER	TOTAL
13	83

DRAWING NUMBER
AS-1.0



ARCHITECTURAL SITE PLAN BLOW-UP 1

URBAN FURNITURE:

NOTES:



NOTE #1:

REMOVE AND REPLACE ALL BROKEN PAVERS.

CLEANING:

WATER BLASTING:

JOINT SAND:
REPLENISHING WITH DRY SAND. APPLY SEVERAL WILL HELP HOLD THE SAND IN THE JOINTS. FINISH WITH APPROPRIATE TINT CONTROL POWER SWEPING AS A LIQUID AND ALLOWED TO SOAK AND SURE IN THE JOINTS.

VEGETATION:
REMOVE VEGETATION BY HAND OR WITH HERBICIDES. TAKE CARE IN USING HERBICIDES SO THAT ADJACENT VEGETATED AREAS ARE NOT DAMAGED. USE ENVIRONMENTALLY FRIENDLY THAT WON'T DAMAGE OTHER VEGETATION OR POLLUTE WATER SUPPLIES WHEN WASHED FROM THE PAVEMENT SURFACE.

NOTE #2:

SEE DWG #A-2.1 FOR BLOW-UP, DETAILS AND NOTES.



NOTE #3:

RESTORE AND CLEANING ACCORDING TO SECTION 04900 "STONE MASONRY RESTORATION & CLEANING" OF TCDA SPECS.



NOTE #4:
DEMOLISH
WATER BLASTING



NOTE #5:

WALL NOTE #1

REMOVE EXISTING PAVER TO REMOVAL TO INSTALLED PAVER LEVEL TO ACHIEVE CONCRETE CREATES ELEVATION.

PAINTED PAVERS:
REMOVE AND INSTALL NEW PAVERS EQUAL TO EXISTING PAVERS.

PAINTED STRIPING:
SCRAPE EXISTING COLORED CONCRETE AND APPLY NEW PAINT AND CURE. REFER NOTE SEE SECTION 32-17-23 OF TCDA SPECS AND DETAILS ON DWG #A-2.0

NOTE #6:
SEE DWG #S-4.4 FOR BLOW-UP, DETAILS AND NOTES.

NOTE #7:
ALL SURFACE (CONCRETE AND /OR METALS) ON EXISTING OFFICE, MAINTENANCE BUILDING, STAIRS AND PEDESTRIAN BRIDGE SHALL BE WATER PRESSURE CLEANED, SURFACE PREPARED AND PAINTED.

NOTE #8:
FOR ALL PLANTING AREA (NEW OR EXISTING) SEE LANDSCAPING DWGS.

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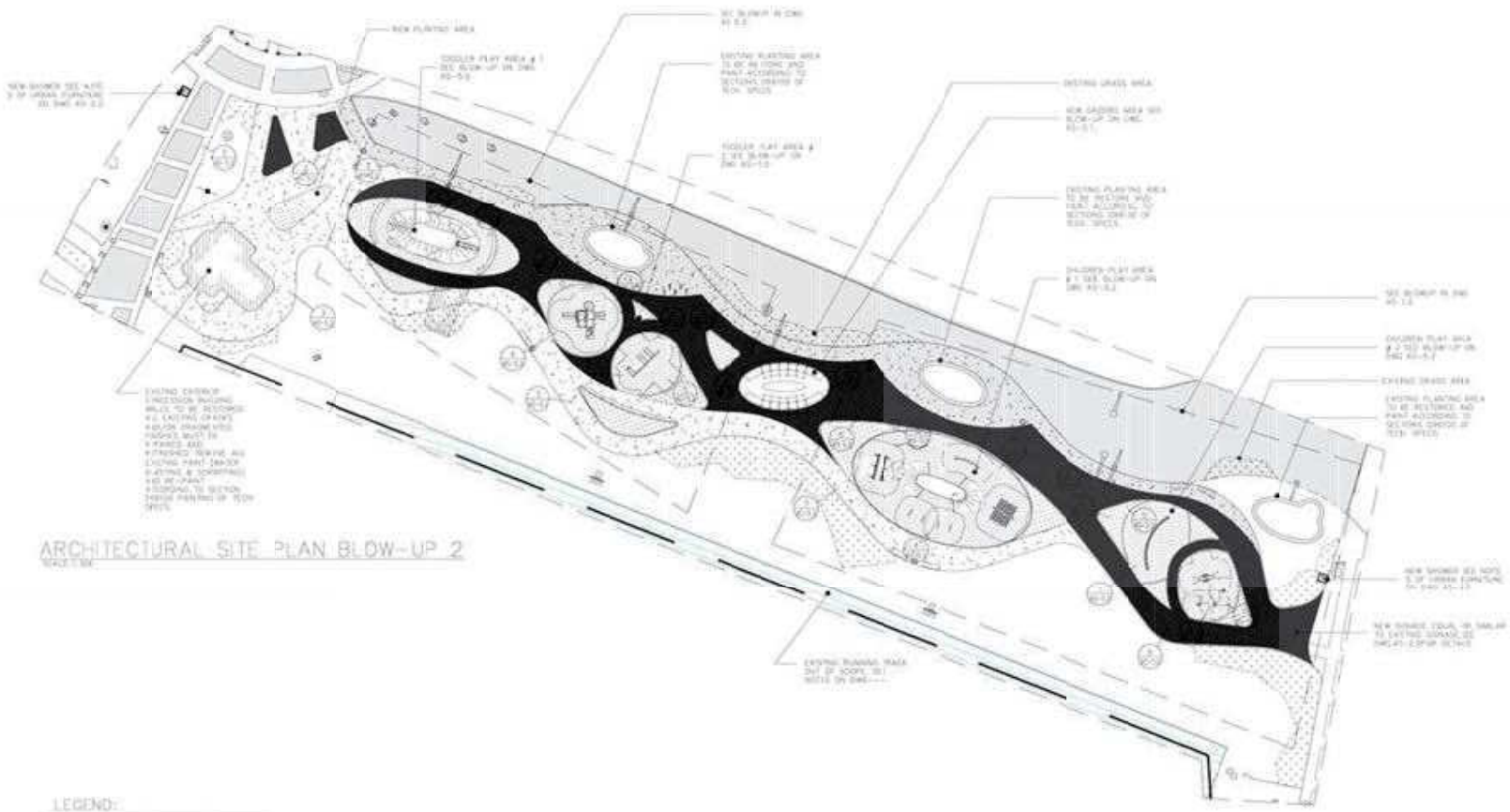
CLEANING OF GRAFFITI AND IMPROVEMENTS OF TEXCOCO MILENIO PARK

ARCHITECTURAL SITE PLAN

SHEET
14

TOTAL
83

DRAWING NUMBER
AS-2.0



ARCHITECTURAL SITE PLAN BLOW-UP 2

LEGEND:

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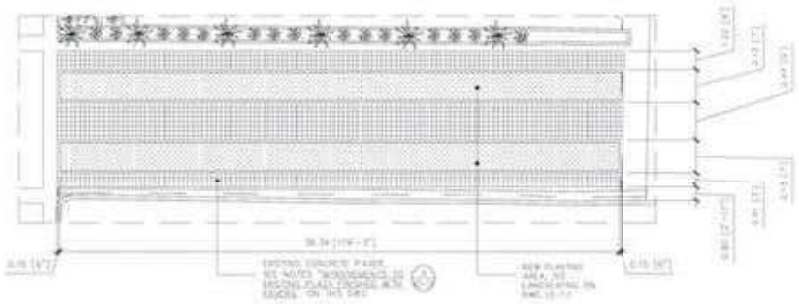
PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TENDER VALERIO PARK

DRAWING NAME
ARCHITECTURAL SITE PLAN

SHEET
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TOTAL
83

DRAWING NUMBER
AS-2.1

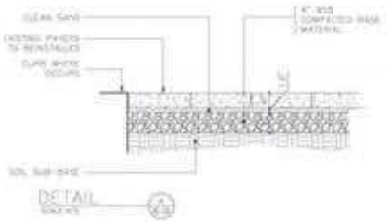


ARCHITECTURAL SITE PLAN BLOW-UP

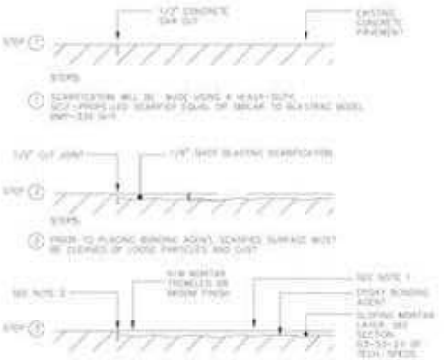
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REMOVE/REINSTALL OR EXISTING PLAZA PAVERS AND PAVERS:

1. REMOVE AND SAVE FOR RE-INSTALLATION EXISTING PAVERS AT SELECTED LOCATIONS INDICATED ON DRAWINGS.
2. REMOVE AND PROPERLY DISPOSE-OFF EXISTING SUB-BASE MATERIAL TO DEPTH OF 6".
3. AFTER CONSULTATION WITH A LANDSCAPE PROFESSIONAL, SHAVE AND/OR REMOVE TREE ROOTS THAT ARE FOUND TO INTERFERE WITH THE SPACE REQUIRED FOR THE NEW SUB-BASE INSTALLATION. FOR THIS STEP, CONTRACTOR MUST OBTAIN THE SERVICES OF A CERTIFIED ARBORIST TO PERFORM THE WORK.
4. AFTER STEP 3 IS COMPLETE AND DEBRIS OF WORK AND COMPACT THE GROUND WITH TAMPER AND PROCEED TO PLACE THE 6" SUB-BASE OF THE SELECTED MATERIAL COMPACTED TO 95% COMPACTION TEST RESULTS MUST BE SUBMITTED TO RESIDENT INSPECTOR BEFORE PROCEEDING TO NEXT STEP.
5. AFTER SUB-BASE IS APPROVED AND IN PLACE, DEPOSIT 1.5" OF CLEAN SAND AND LEVEL SURFACE TO RECEIVE PAVERS.
6. INSTALL PAVERS FOLLOWING EXISTING PATTERN. DISCARD BROKEN OR DAMAGED PIECES AND SUBSTITUTE WITH NEW UNITS THE SAME SIZE AND COLOR. UNIT-TO-UNIT OF TOT TOLERANCE WILL BE 1/2" FROM FLUSH.
7. FILL JOINTS BETWEEN SET PAVERS WITH CLEAN SAND. HOSE WATER TO SET IN AND ADD MORE SAND UNTIL ALL JOINTS ARE FILLED.
8. A 10' X 10' MOCK-UP WILL BE REQUIRED TO DEMONSTRATE WORKMANSHIP QUALITY OF WORK.



DETAIL



STEP BY STEP DETAIL FOR SCARIFICATION OF EXISTING CONCRETE

NOTES

1- APPLY CONCRETE CURING & SEALING COMPOUND.

2- FILL JOINTS WITH ELASTOMERIC POLYURETHANE SEALANT.

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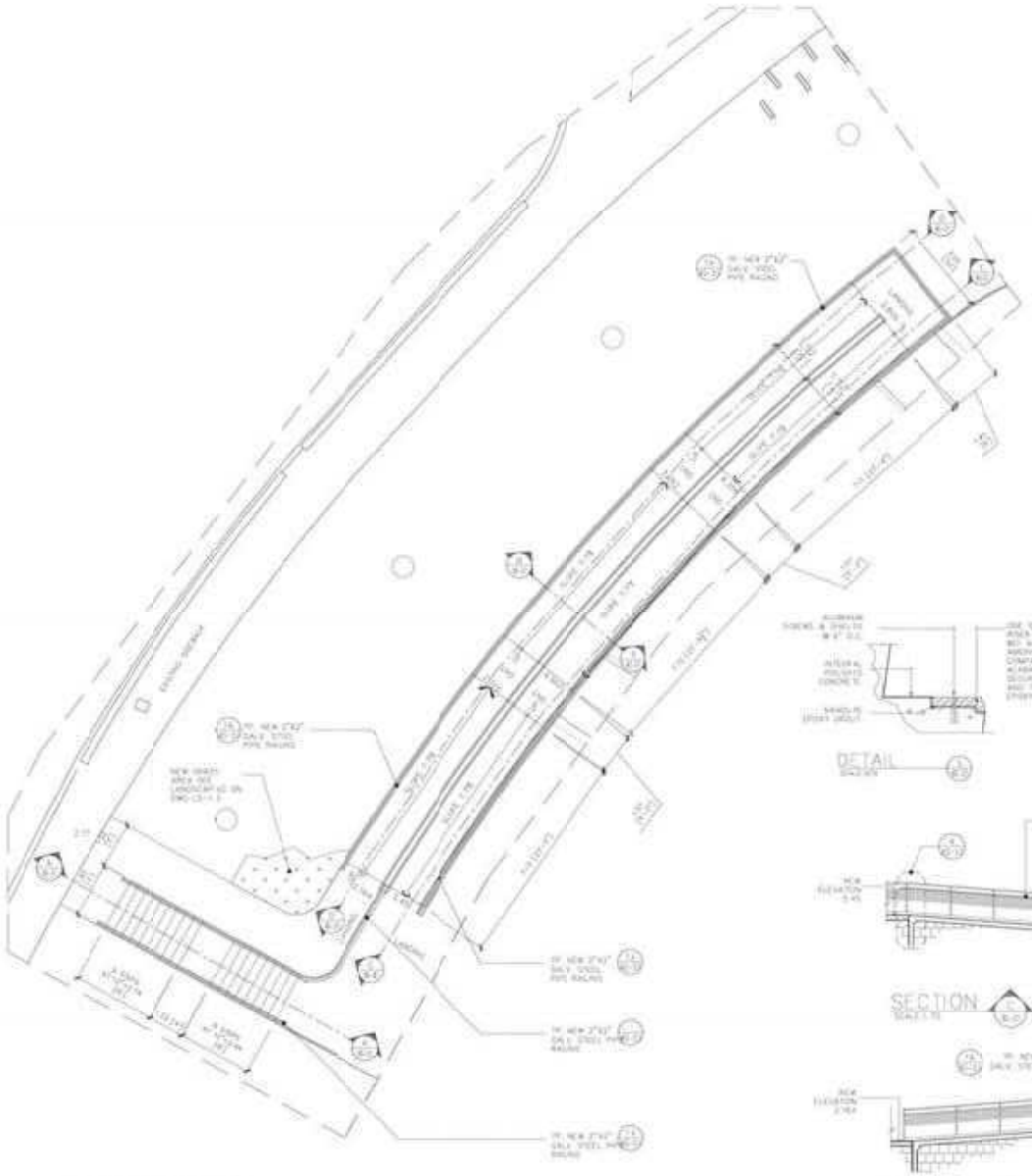
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TENDER VALERIO PARK

ARCHITECTURAL SITE PLAN

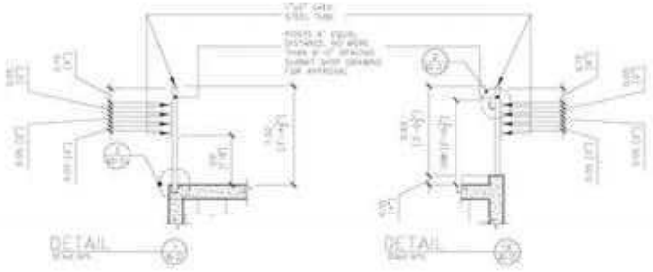
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TOTAL 83

DRAWING NUMBER AS-3.0



RAMP BLOW-UP



DETAIL

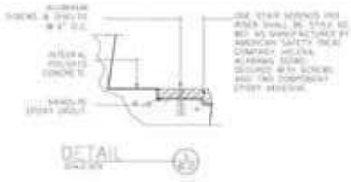
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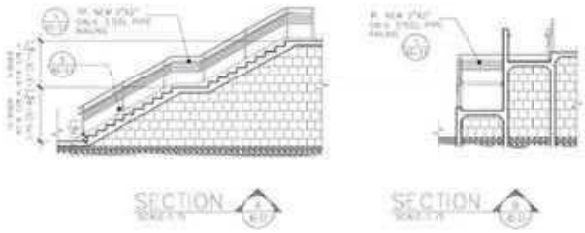
DETAIL

DETAIL

DETAIL

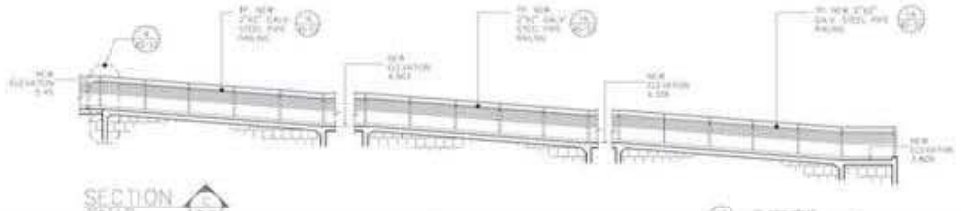


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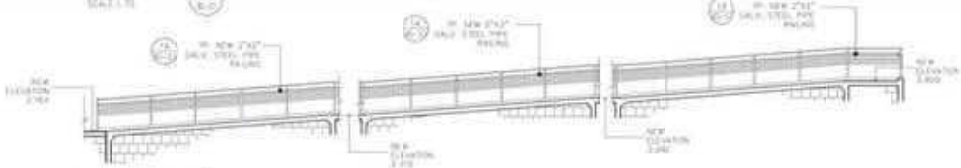


SECTION

SECTION



SECTION



SECTION

HERNANDEZ-BAUER PSC, ARCHITECTS

ARCHITECT SEAL

CONSULTANTS

OWNER
DEPT OF URBAN DESIGN AND PROJECT DEVELOPMENT, MCLJ

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER VALIENTE PARK

DRAWING NAME
ARCHITECTURAL SITE PLAN

COMPUTER PLOT

NO.	DATE	BY	APPROVED

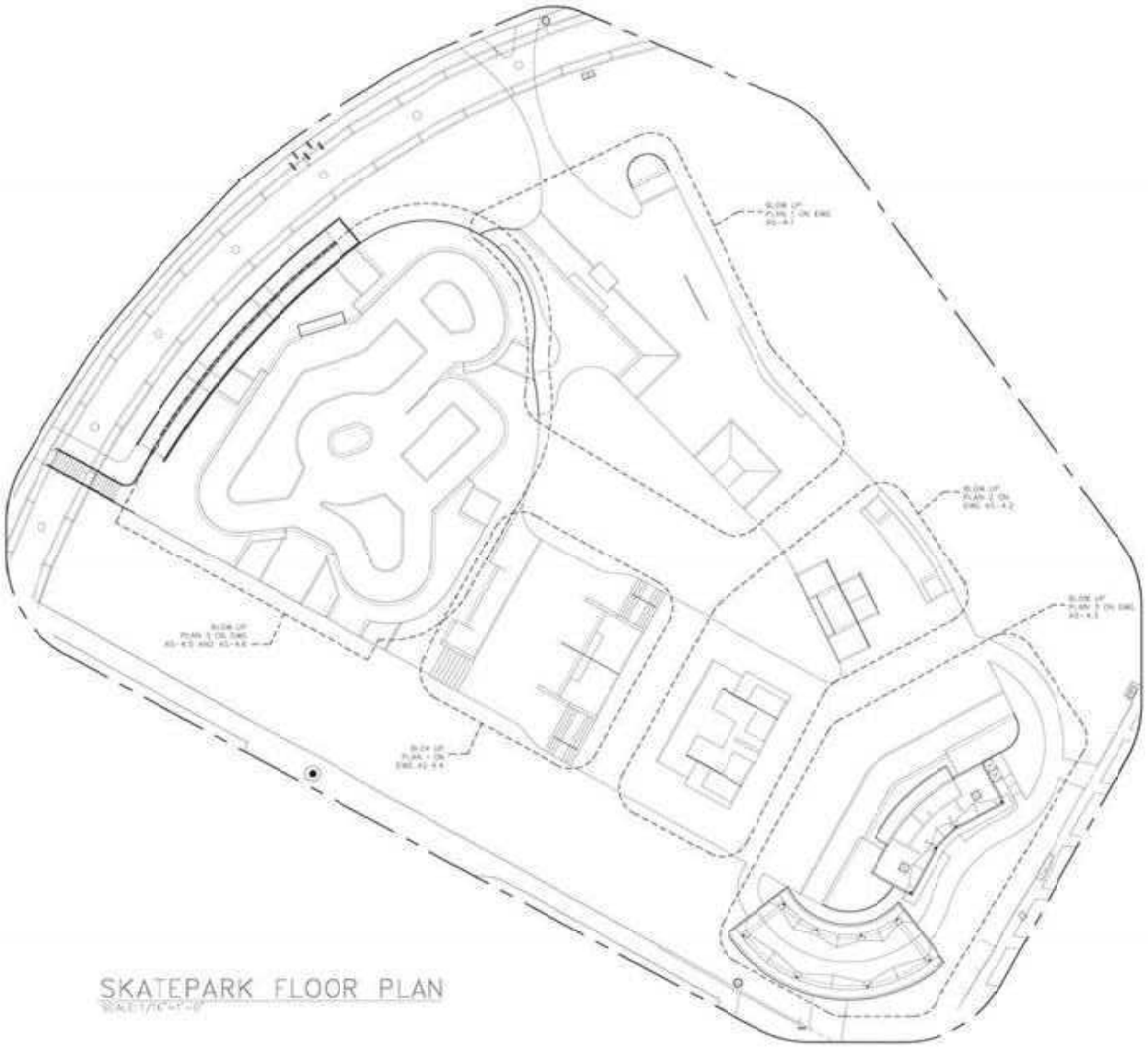
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PLOTTED ON 11" x 17" SHEET AT 100% SCALE

X	Y
1.0	1.0

NUMBER	TOTAL
17	83

DRAWING NUMBER
AS-3.1



SKATEPARK FLOOR PLAN

NOTES:

A) CONCRETE FINISHING FOR ALL SKATEPARK SURFACE (SEE SECTION 420.03 OF THE SPECS)

1. THE FINISHED SURFACE OF ALL CONCRETE SHALL BE HAND TROWELLED SMOOTH (WET).
2. ALL HORIZONTAL AND VERTICAL EDGES OF CONCRETE SHALL BE RADIUS 6" MIN.
3. ALL CONNECTIONS BETWEEN POURS MUST BE ABSOLUTELY FLUSH AND SMOOTH.
4. METHOD OF CONCRETE SURFACE DURING CONSTRUCTION, ACIDIC, COASTAL OR FINISHING APPLICATION TO PROJECTS
5. GRADING PRIMITIVE CONCRETE TO ACHIEVE THE SPECIFIED FINISHES WILL NOT BE ACCEPTED.

B) SEE SITE GEOMETRY ON SHEET C-1

C) SEE 3 (CONCRETE SITE PLAN ON SHEET C-1.0)

D) SEE LANDSCAPING ON SHEET AS-1.1

E) SEE STRUCTURAL DETAILS ON SHEET S-

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER VIENTO PARK

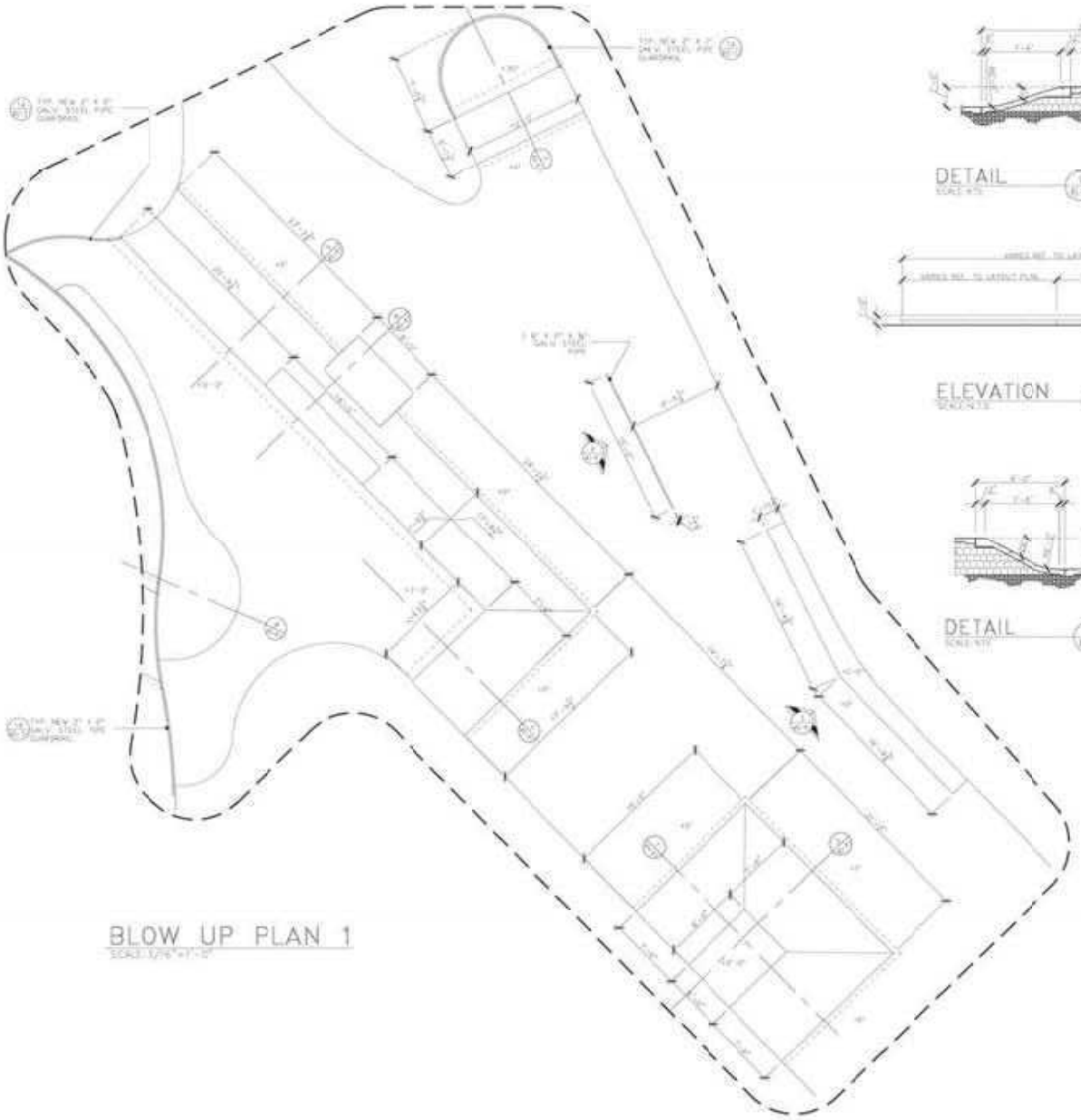
DRAWING NAME
SKATE PARK PLAN
ARMAS CIVIL

NO.	DATE	REVISION	BY	APPROVED

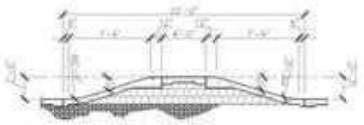
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TOTAL
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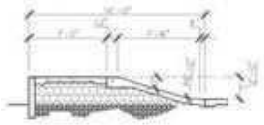
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AS-4.0



BLOW UP PLAN 1



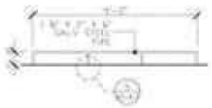
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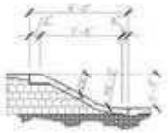
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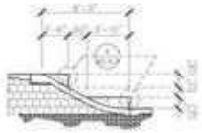
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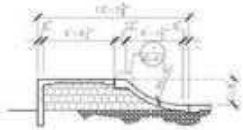
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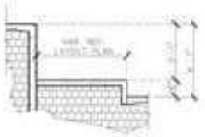
DETAIL



DETAIL



DETAIL



DETAIL

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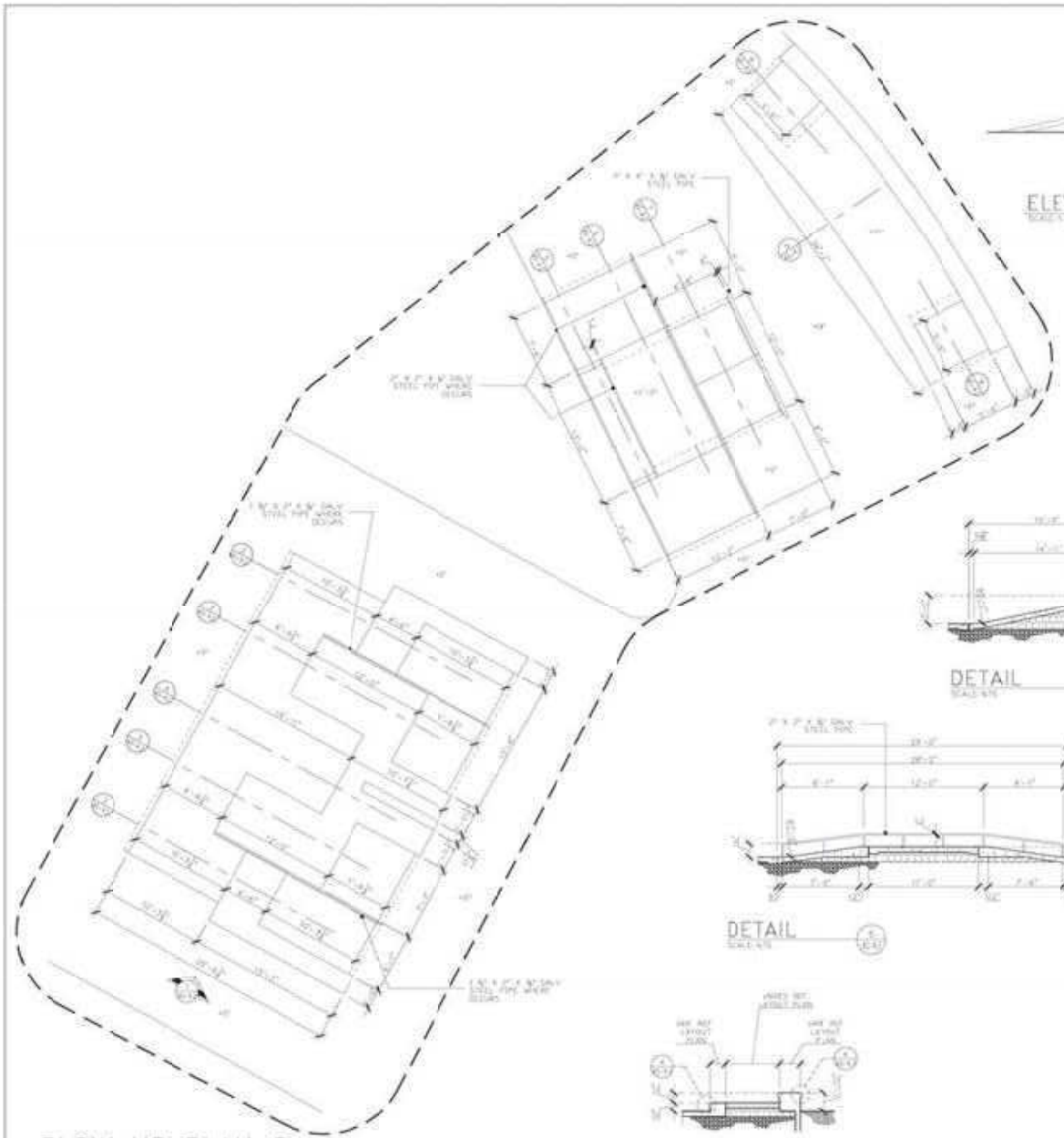
AUTONOMOUS MUNICIPALITY OF SAN JUAN

EXCAVATION OF SKATEPARK AND IMPROVEMENTS OF TERCER VIENTO PARK

SKATE PARK
BLOW-UP 1

NUMBER	TOTAL
19	83

DRAWING NUMBER
AS-4.1



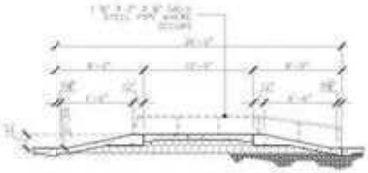
BLOW UP PLAN 2



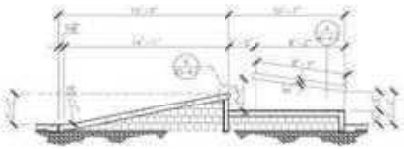
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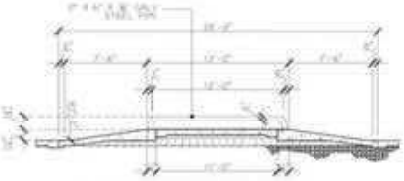
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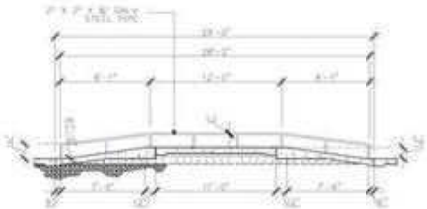
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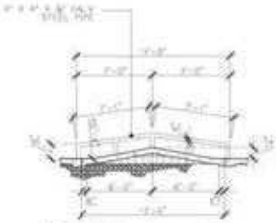
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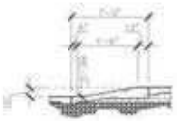
DETAIL



DETAIL



DETAIL



DETAIL

DETAIL

HERNANDEZ-BAILEY PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MHU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

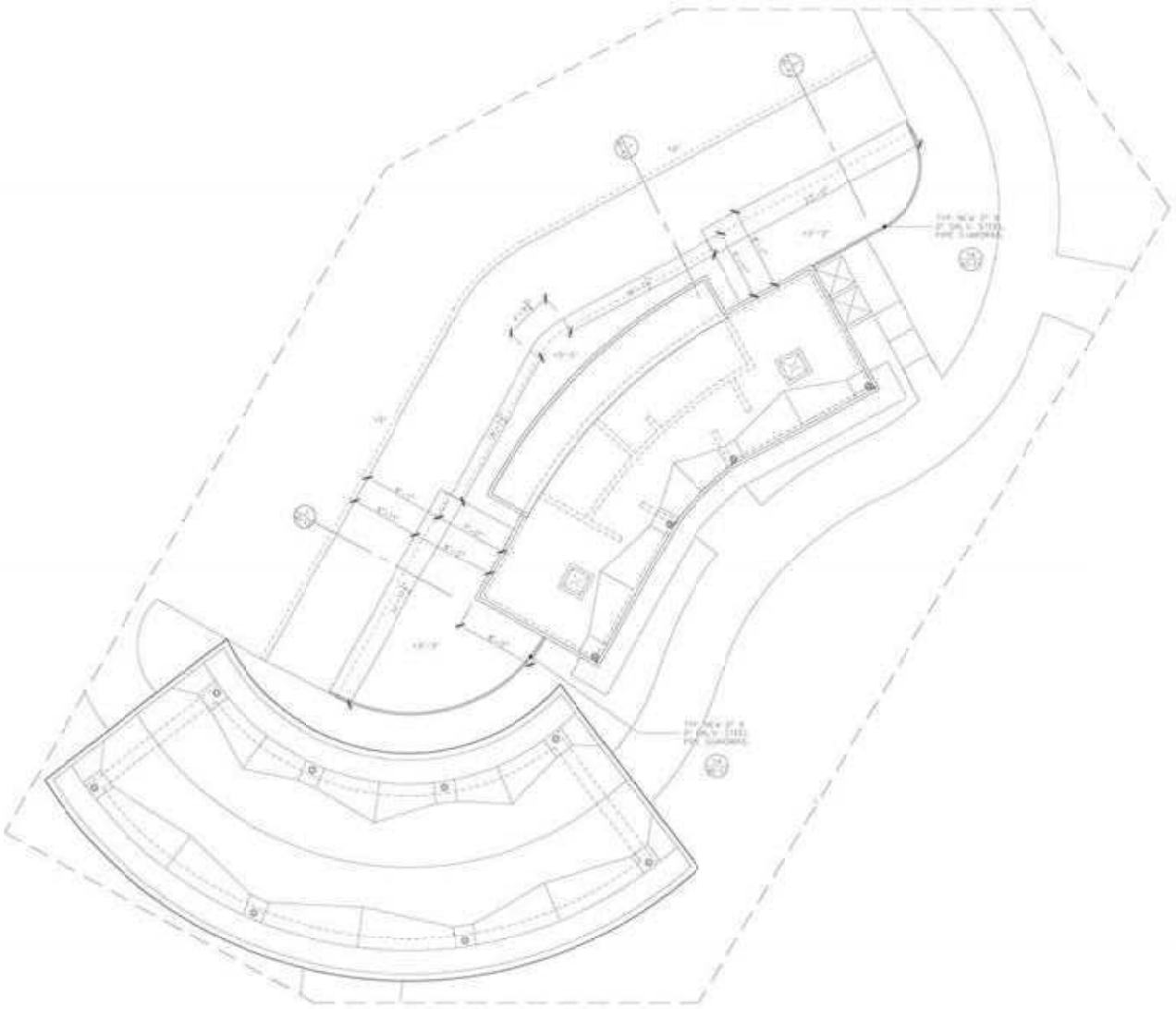
EXCAVATION, SKATEPARK AND IMPROVEMENTS OF TERCER VIENTO PARK

SKATE PARK
BLOW-UP 2

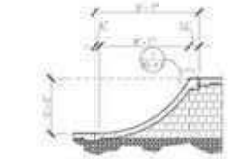
SHEET NUMBER
20

TOTAL
83

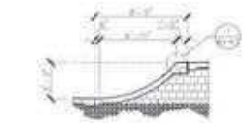
DRAWING NUMBER
AS-4.2



BLOW UP PLAN 3



DETAIL



DETAIL

HERNANDEZ-BAUER PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MHU

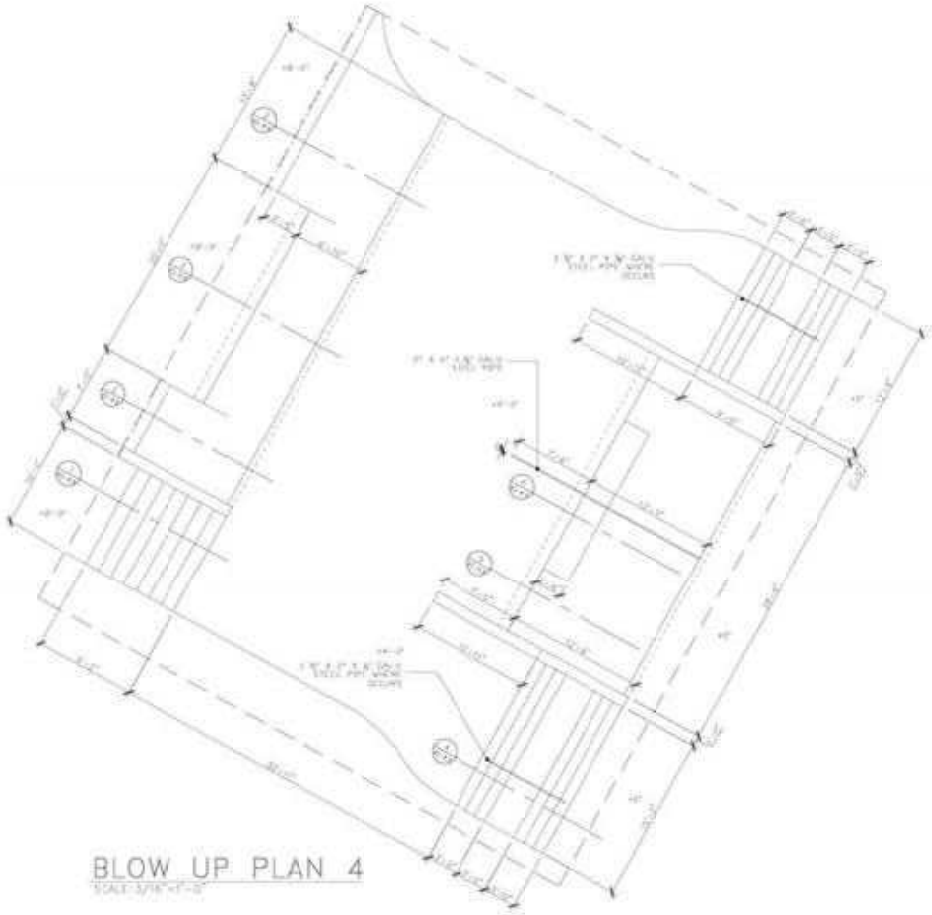
AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER VIEJINO PARK

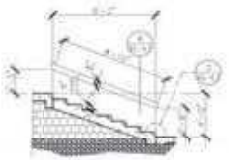
SKATE PARK
BLOW-UP 3

NUMBER	TOTAL
21	83

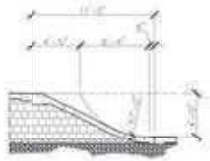
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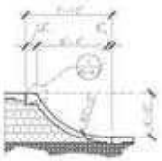
BLOW UP PLAN 4



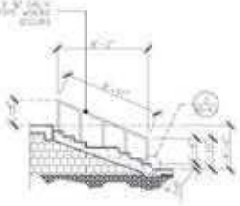
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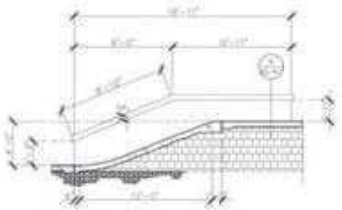
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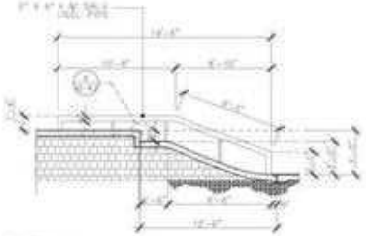
DETAIL



DETAIL



DETAIL



DETAIL

HERNANDEZ-BAILEY
PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MHU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

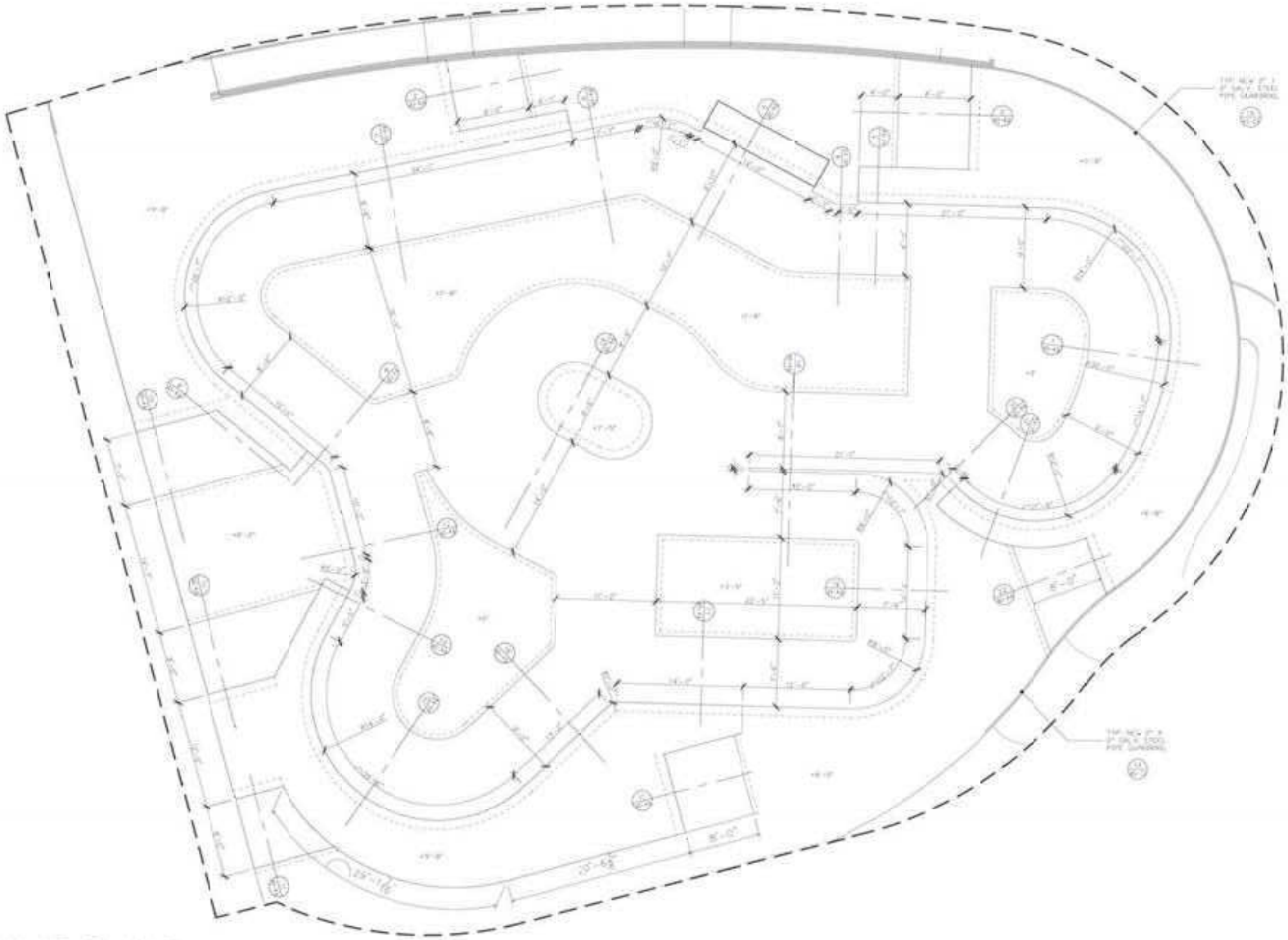
EXCAVATION, SKATEPARK AND IMPROVEMENTS OF TERCER VIENTO PARK

SKATE PARK
BLOW-UP 4

22

83

AS-4.4



BLOW UP PLAN 5

HERNANDEZ-BALLES PSC, ARCHITECTS

DEPT OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSJ

AUTONOMOUS MUNICIPALITY OF SAN JUAN

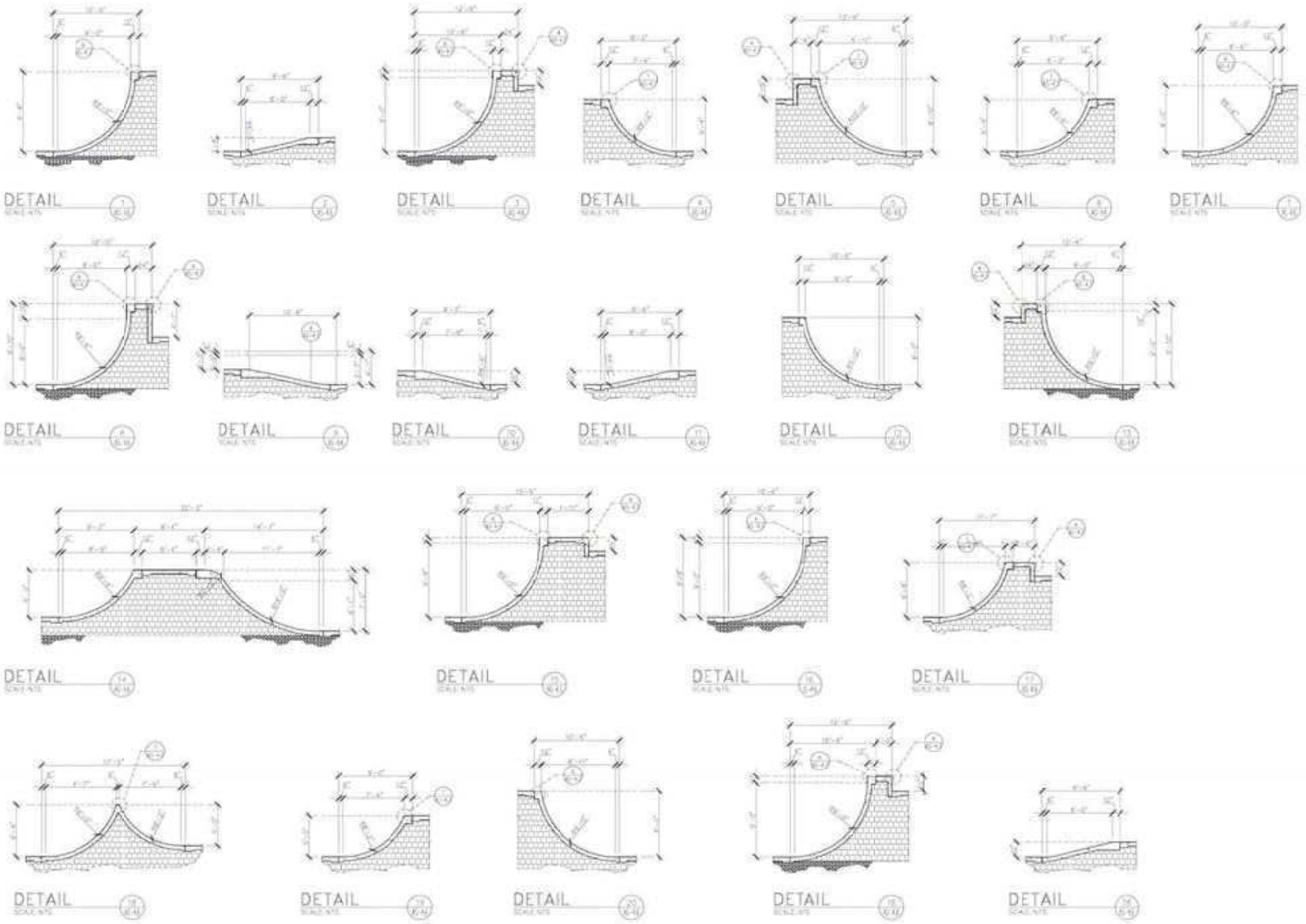
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TENDER VALERIO PARK

Skate Park
Blow-up 5

SHEET NUMBER 23

TOTAL 83

DRAWING NUMBER AS-4.5



HERNANDEZ-BAKER PSC, ARCHITECTS

DEPT OF URBAN DESIGN AND PROJECT DEVELOPMENT, MISU

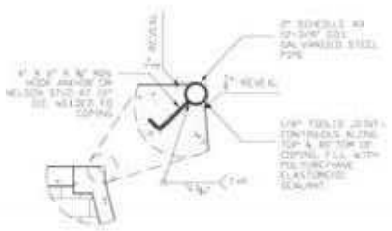
AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TENDER VALERIO PARK

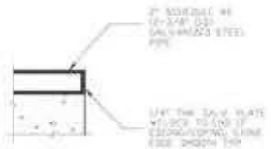
SKATE PARK
SECTION OF 5 SECTION

SHEET NUMBER 24
TOTAL 83

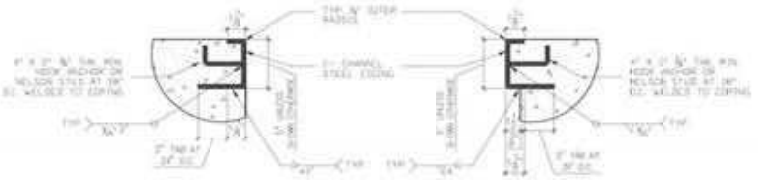
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TYP. ROUND COPING DETAIL

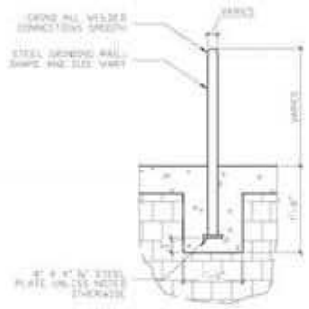


PIPE COPING TERMINATION DETAIL

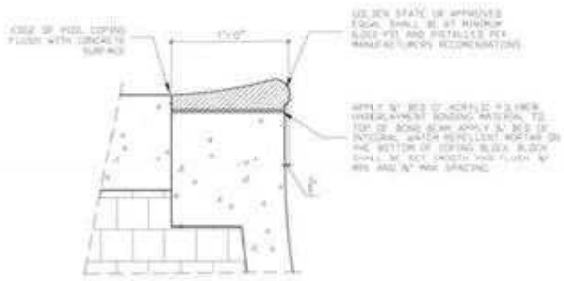


FLUSH C-CHANNEL EDGING DETAIL

CANTILEVER C-CHA EDGING DETAIL



SKATERAIL/HUBBA FOOTING DETAIL



POOL COPING DETAIL

HERNANDEZ-BAILEY PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MHU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

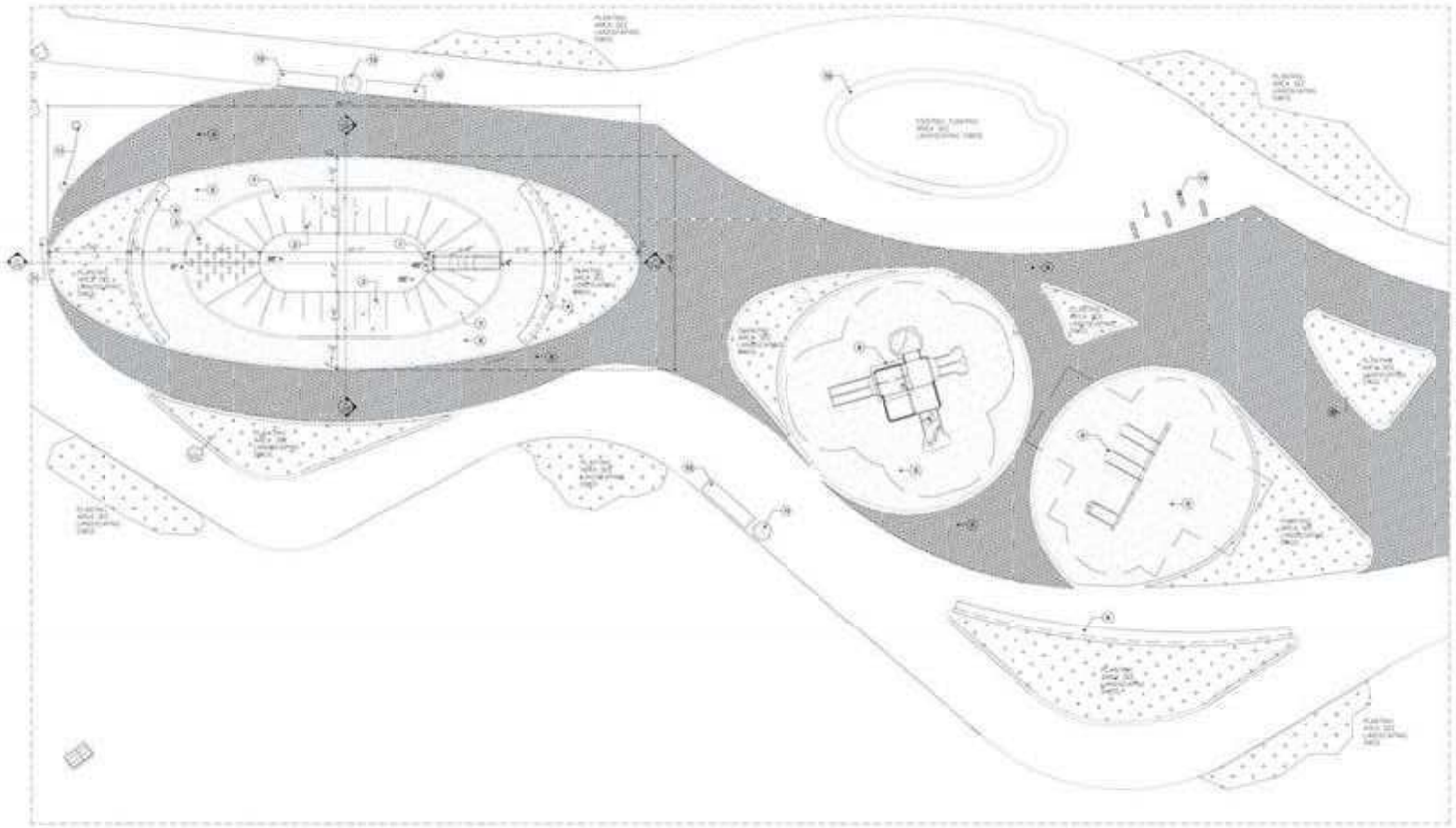
EXCAVATION, SKATEPARK AND IMPROVEMENTS OF TERCER VIENTO PARK

SKATE PARK DETAILS

NUMBER 25

TOTAL 83

DRAWING NUMBER AS-4.7



KEY NOTES:

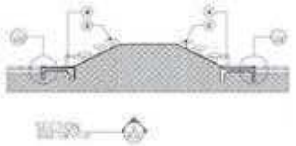












HERNANDEZ-BAITLER P&C, ARCHITECTS

OWNER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MIAMI

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TORICES VALENCI PARK

DRAWING TITLE
RAMPSHEDS SLOPE-UPS

COMPUTER PLOT

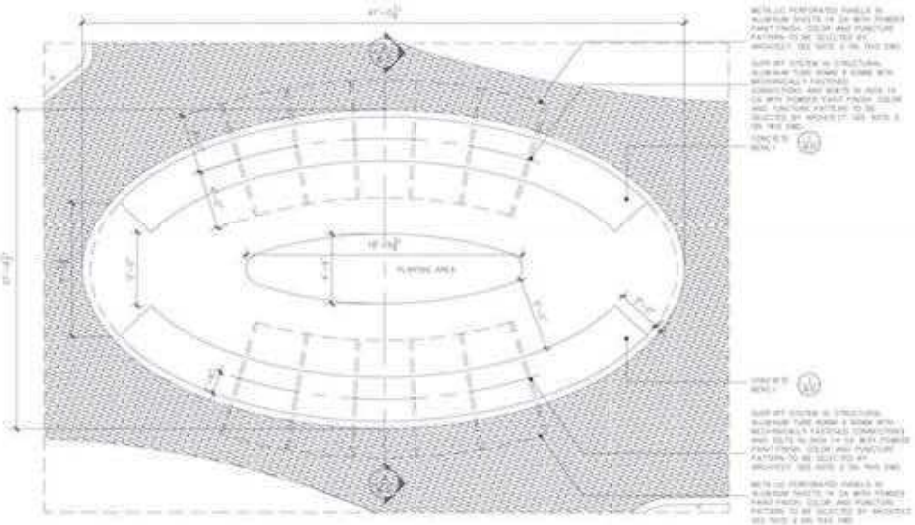
NO.	DATE	REVISION	BY	APPROVED

SCALE
AS NOTED

PROJECT NO. 18

NUMBER	TOTAL
26	83

DRAWING NUMBER
AS-5.0



GAZEBOS FLOOR PLAN

SCALE: 1/4"=1'-0"

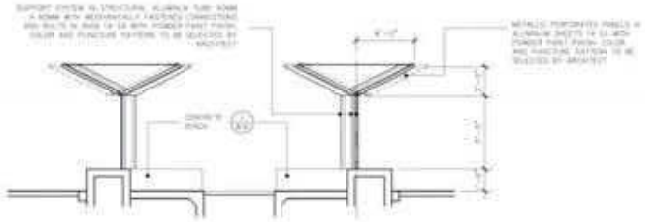
NOTES:

1. SEE LANDSCAPING DWGS.
2. THE PROPOSED SYSTEM WILL BE INCLUDE THE PANEL AND SUPPORT SYSTEM AS SHOWN WITH THE ASSOCIATED TO THE CONCRETE SLAB DETAILS. SYSTEM WILL BE BY FABRIMETAL, LLC. WEBSITE: WWW.FABRIMETAL.COM, EMAIL: CONTACT@FABRIMETAL.COM OR APPROVE EQUAL.



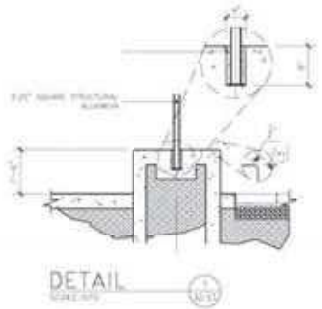
ELEVATION

SCALE: 1/4"=1'-0"



SECTION

SCALE: 1/4"=1'-0"



DETAIL

SCALE: NTS

HERNANDEZ-BALLES
P.S.C. ARCHITECTS

CARLOS HERNANDEZ DE BALLES
ARCHITECT LICENSE NUMBER

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OWNER

AUTONOMOUS MUNICIPALITY OF TORO LAVA

PROJECT

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER VALIENTE PARK

DRAWING NAME

GAZEBOS FLOOR PLAN

COMPUTER PLOT

NO.	DATE	REVISION	BY

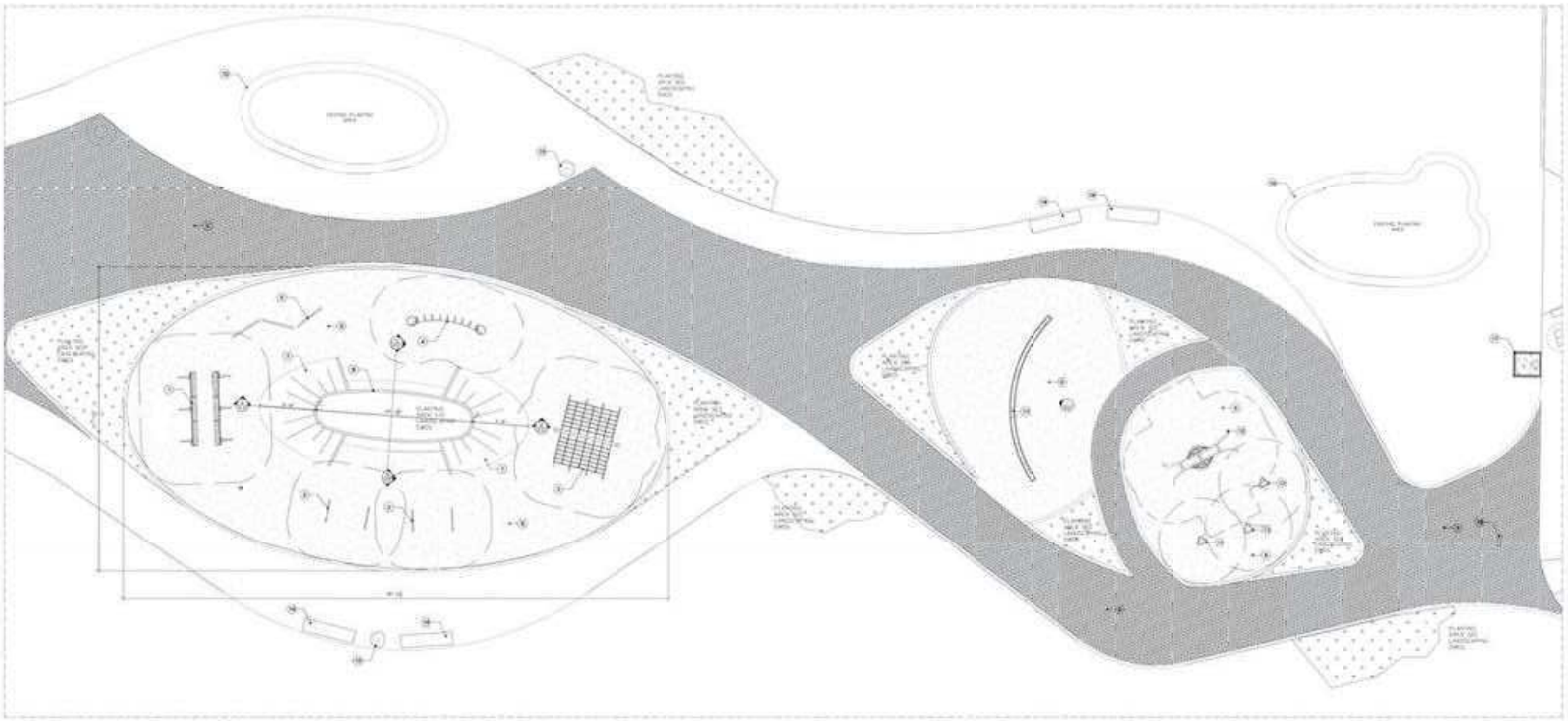
PROJECT #

JOB

NUMBER	TOTAL
27	83

DRAWING NUMBER

AS-5.1



KEY NOTE:









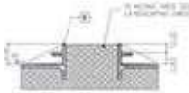








SECTION



SECTION



ELEVATION

HERNANDEZ-BAITZA
P&C, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MHSU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

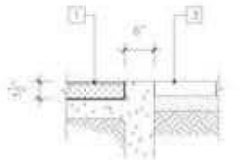
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TORICE VALIENTE PARK

RAMPS AND SLOPE-UPS

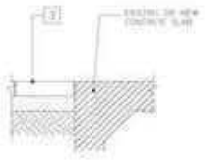
COMPUTER PLOT

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TOTAL: 83

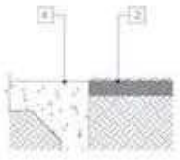
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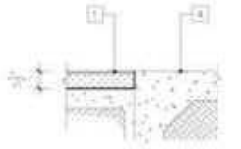
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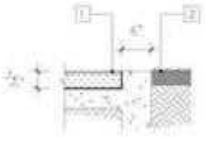
DETAIL



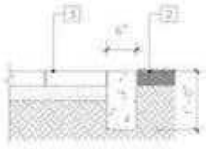
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DETAIL



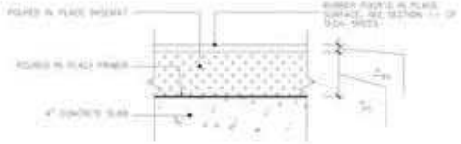
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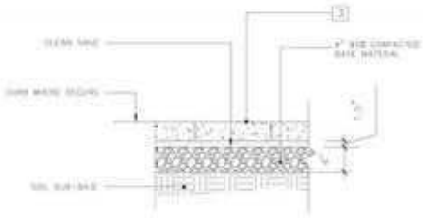
DETAIL

NOTES/LEGEND

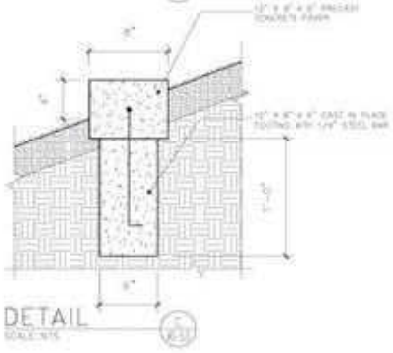
1. RUBBER POURED IN PLACE SURFACE, SEE SECTION 1 OF SHT. SPECS AND DETAIL A ON THIS SHEET.
2. 3" TOP SOIL SEE LANDSCAPE DWG. FOR NOTES
3. NEW CONCRETE PAVERS (SHALL BE APPROVE EQUAL TO CONCRETE TYPE) CIRCULAR PAVERS "STATUARIO" BY L.I.MARBLES COLOR TO BE SELECTED BY ARCHITECT SEE SECTION 1 OF TOTAL VERIFY PER DETAIL B ON THIS SHEET.
4. CONCRETE SLAB FINISH = TROWELED CONCRETE



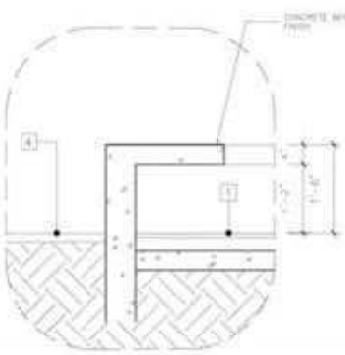
DETAIL



DETAIL



DETAIL



DETAIL



DETAIL

HERNANDEZ-BAUER PSC, ARCHITECTS

LCDA. HERNANDEZ DE BAUER
ARCHITECT

CONSULTANTS

DESIGNED BY
CITY OF URBAN DESIGN AND PROJECT DEVELOPMENT, PRCD

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING TITLE
PLAYGROUNDS AREA DETAILS

COMPUTER FILE

NO.	DATE	REVISED	BY	APPROVED

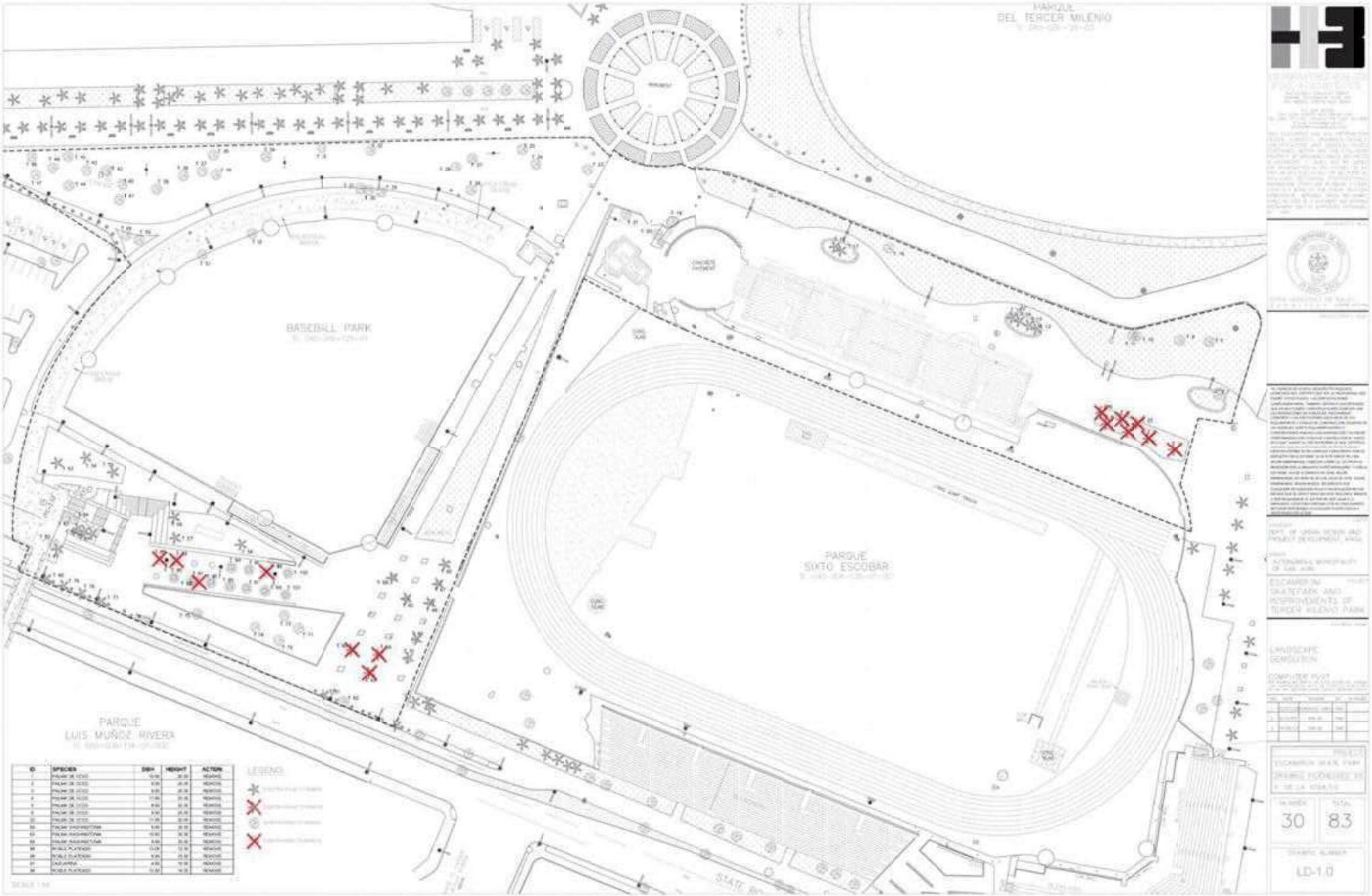
DATE

PLANNING CONSULTATION #

JOB | S.N.

NUMBER	TOTAL
29	83

DRAWING NUMBER
AS-5.3



ID	SPECIES	DBH	HEIGHT	ACTION
1	PALMA DE COCO	10.00	30.00	REMOVE
2	PALMA DE COCO	8.00	25.00	REMOVE
3	PALMA DE COCO	9.00	28.00	REMOVE
4	PALMA DE COCO	11.00	32.00	REMOVE
5	PALMA DE COCO	8.00	26.00	REMOVE
6	PALMA DE COCO	9.50	29.00	REMOVE
7	PALMA DE COCO	7.00	24.00	REMOVE
10	PALMA WASHINGTONIA	9.00	35.00	REMOVE
11	PALMA WASHINGTONIA	10.00	38.00	REMOVE
12	PALMA WASHINGTONIA	8.00	32.00	REMOVE
20	ROYAL PLATANO	12.00	40.00	REMOVE
21	ROYAL PLATANO	11.00	38.00	REMOVE
22	ROYAL PLATANO	10.00	36.00	REMOVE
23	CAUCARINA	8.00	30.00	REMOVE
24	ROYAL PLATANO	12.00	42.00	REMOVE

LEGEND

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, PRSA

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

LANDSCAPE DEMOLITION

COMPUTER PLOT

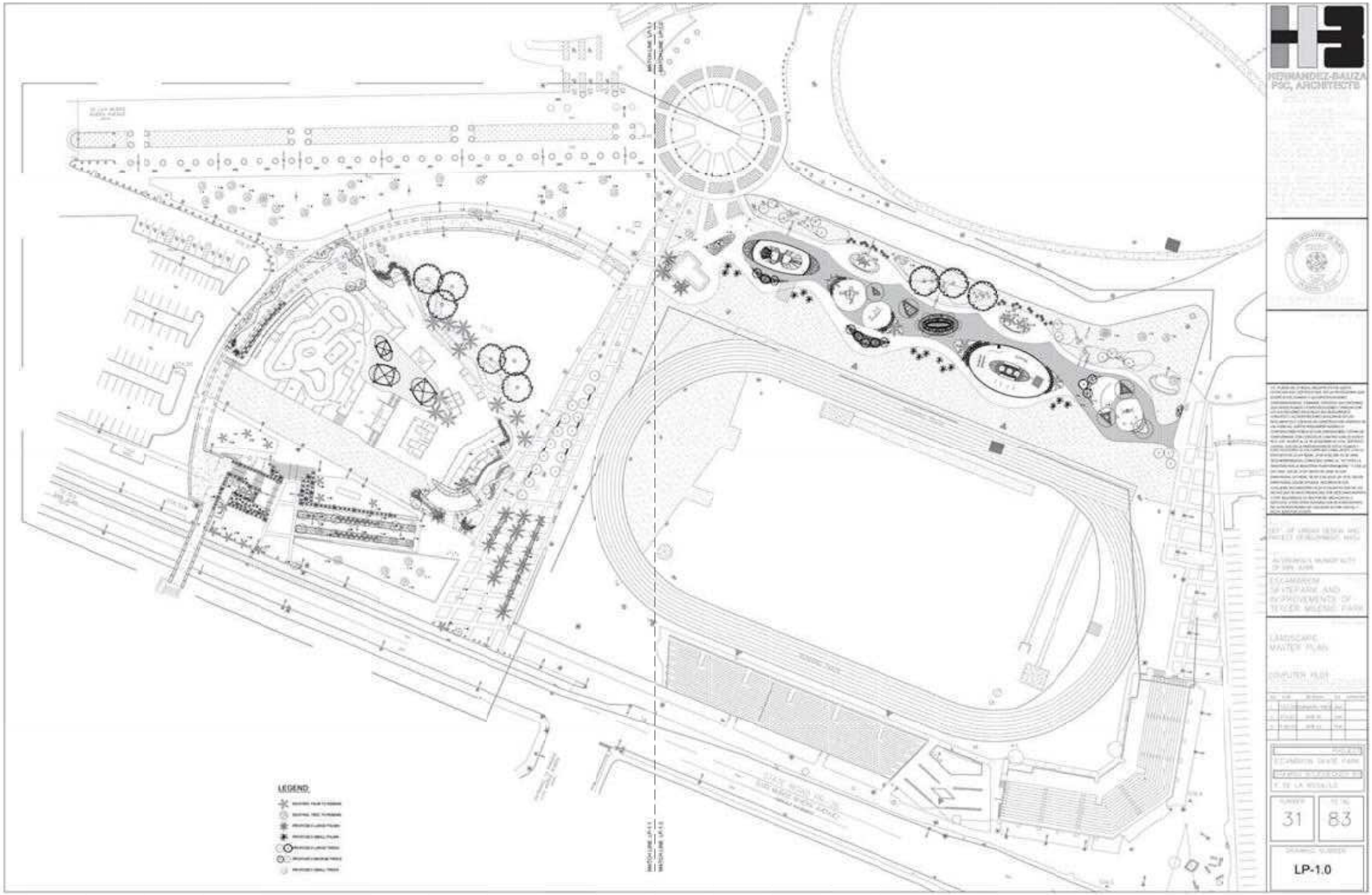
NO.	DATE	DESCRIPTION	BY
1	10/2/15	PERMIT SET	MAS
2	11/4/15	BID SET	MAS
3	12/8/15	CONSTRUCTION SET	MAS

PROJECT
ESCAMBRON SKATE PARK
AND IMPROVEMENTS TO
TERCER MILENIO PARK
AVE. DE LA CONSTITUCIÓN

SHEET NUMBER
30

TOTAL SHEETS
83

DRAWING NUMBER
LD-1.0



HERNANDEZ-BAUZA PSC, ARCHITECTS

LANDSCAPE MASTER PLAN

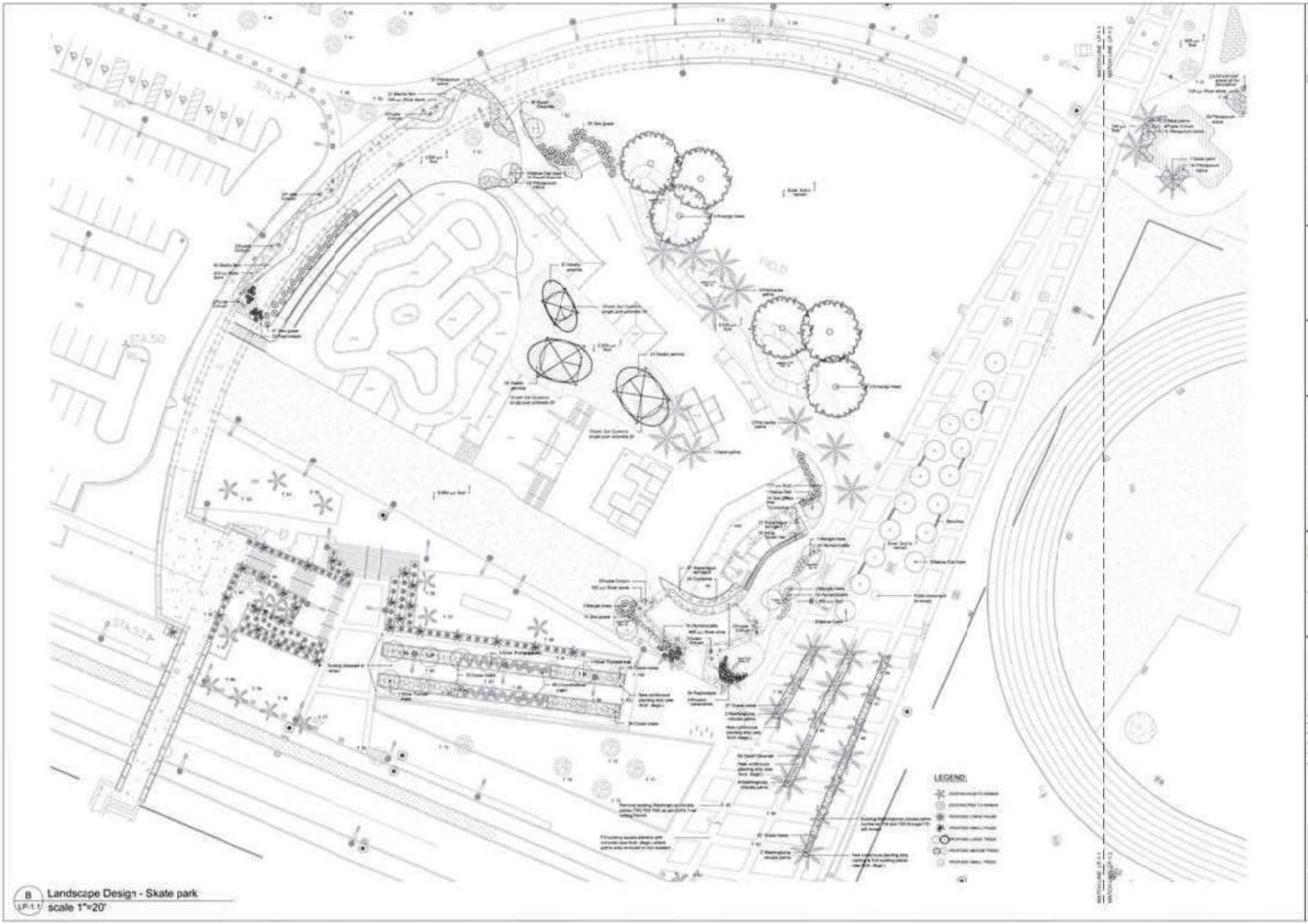
COMPUTER RUN

SCALE

SHEET NUMBER 31

OF NO. 83

DRAWING NUMBER LP-1.0



B LP-1.1 Landscape Design - Skate park
scale 1"=20'

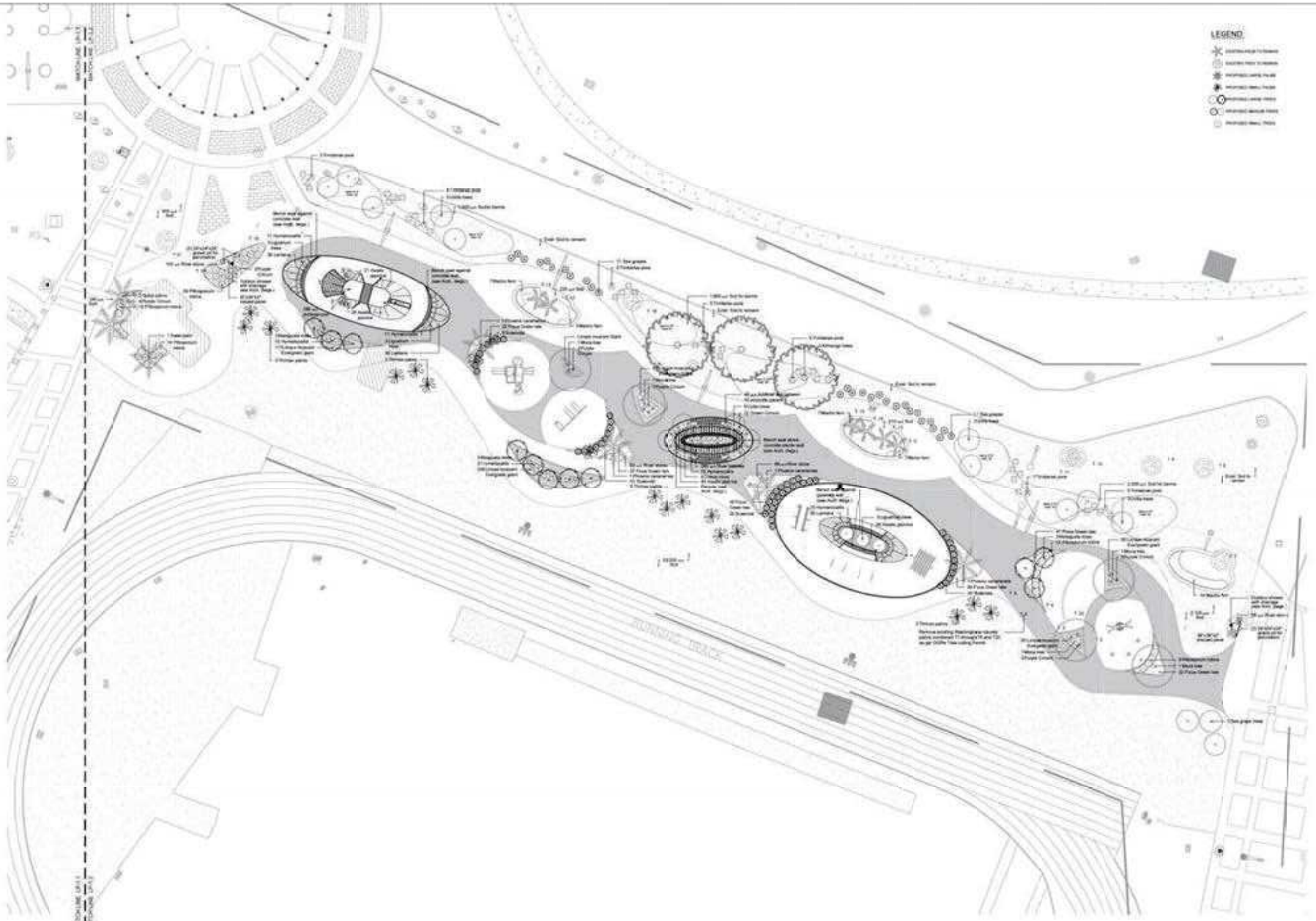
HERNANDEZ-BAUZA PSC, ARCHITECTS

LANDSCAPE PLAN
SLOW UP

SHEET NUMBER
32

TOTAL SHEETS
83

DRAWING NUMBER
LP-1.1



C LP-1.2 Landscape Design - Children's park
scale 1"=20'

HERNANDEZ-BAUZA PSC, ARCHITECTS

DEP. OF URBAN DESIGN, INC. PROJECT DEVELOPMENT, INC.

IN DRAWING NUMBERS OF SHEETS SHOWN

EXCAMBION OF INTERFACE AND IMPROVEMENTS OF TEXCOCO MILENIO PARK

LANDSCAPE PLAN
SLOPE 10%

COMPUTER PLOT

NO.	DATE	BY
1	10-15-12	MM
2	10-22-12	MM
3	10-29-12	MM
4	11-05-12	MM

SCALE
EXCAMBION SKATE PARK
LA MESA DE TEXCOCO, EDO. DE MEX.
Y DE LA MISMA LUZ

SHEET NUMBER 33
OF NO. 83

DRAWING NUMBER
LP-1.2

LARGE TREES


Almacigo tree


Moca tree

MEDIUM TREES


Malogueta tree


Mangle tree


Native Oak tree


Sea grape tree


Silver Trumpet tree


Uvilla tree

SMALL TREES


Ligustrum tree

LARGE PALMS


Phoenix canariensis


Pritchardia pacifica


Sabal causiarum


Washingtonia robusta

MEDIUM / SMALL PALMS


Leucothrinax morrisii

MEDIUM / SMALL SHRUBS


Asatic Jasmine


Asparagus sprengerii


Chrysobalanus icaco


Cissus vine


Cuscia rosea


Coccoloba uvifera


Crinum (green)


Crinum (purple)


Dwarf Oleander


Ficus Green Isle


Hymenocallis


Lantana


Liriope muscari "Evergreen Giant"


Macho fern


Pittosporum


Raphiolepis indica


Scaevola


Tristania 'Pixi'

● = Native to PR

HERNANDEZ-BAUZA PSC, ARCHITECTS

PLANT PICTURES

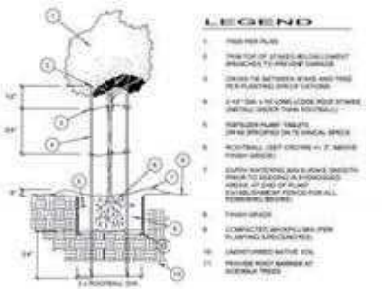
COMPUTER FILE

FLAMBOYAN SKATE PARK

SHEET NUMBER 34

TOTAL 83

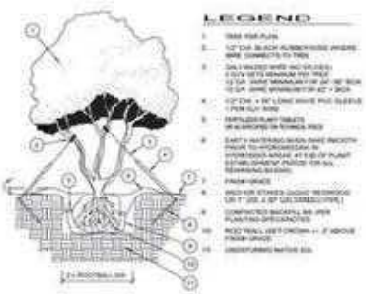
DRAWING NUMBER LP-2.0



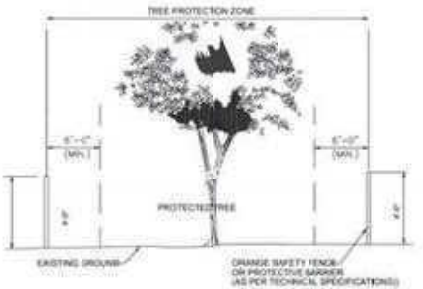
DETAIL A - Tree Planting Detail



DETAIL B - Tree Planting on Slope Detail



DETAIL C - Large Tree Guying



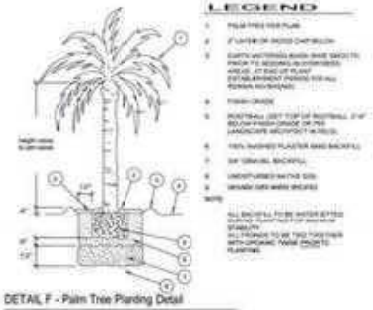
DETAIL G - Existing Tree Protection



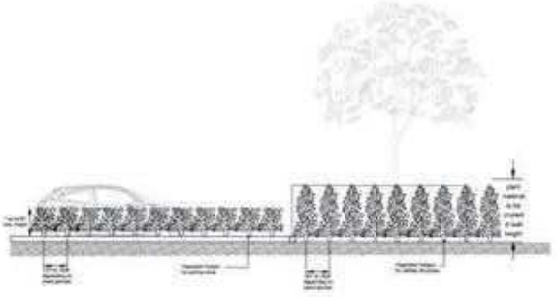
DETAIL D - Shrub Planting Detail



DETAIL E - Palm Tree Guying Detail



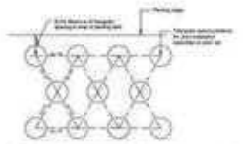
DETAIL F - Palm Tree Planting Detail



DETAIL H - Typical Hedges less than 30' from road curb

GENERAL SITE NOTES FOR LANDSCAPE CONSTRUCTION

1. CONTRACTOR SHALL VERIFY ALL BASE SITE INFORMATION PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL ASSURE THAT NO DAMAGE IS MADE TO EXISTING UTILITY LINES WHILE EXCAVATING FOR PLANTING MATERIAL. CONTRACTOR MUST VERIFY ALL UP TO DATE AND "AS-BUILT" UTILITY PLANS BEFORE EXCAVATING. IF DAMAGE OCCURS, CONTRACTOR IS RESPONSIBLE FOR INFORMING OWNER AND FOR REPAIRING DAMAGE. REFER TO SURVEY SHEETS.
3. REPORT ALL EXISTING DAMAGE OF EXISTING SITE FEATURES AND ELEMENTS TO THE OWNER PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE OCCURING FROM THE LANDSCAPE INSTALLATION PROCESS MUST BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
4. CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES FOR EMPLOYEES AND PUBLIC AT ALL TIMES DURING THE CONSTRUCTION PROCESS AS PER APPLICABLE LOCAL CODES.
5. CONTRACTOR SHALL COORDINATE ACCESS AND STAGING AREA WITH THE OWNER.
6. CONTRACTOR SHALL LAYOUT ALL CONSTRUCTION LINES AND VERIFY THIS LAYOUT AND ALL PLANT AND MATERIAL QUANTITIES WITH THE OWNER'S REPRESENTATIVE AND/OR LANDSCAPE ARCHITECT PRIOR TO THE BEGINNING OF CONSTRUCTION.
7. ALL EXISTING PLANT MATERIAL TO REMAIN SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE NEW CONSTRUCTION SCHEDULE. ALL EXISTING PLANT MATERIAL THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH THE SAME SIZE, QUALITY, AND TYPE OF PLANT MATERIAL THAT WAS DAMAGED.
8. REFER TO PLANTING DETAILS AND WRITTEN TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION, DETAILS, AND NOTES.
9. REFER TO PLANS OF THE DIFFERENT AREAS FOR PLANT LISTING WITH SIZES, QUANTITIES, AND VARIETIES REQUIRED FOR THE CONSTRUCTION OF THE LANDSCAPE DESIGN AS SHOWN IN DRAWINGS. ANY CHANGES OR SUBSTITUTIONS NEEDED SHALL BE CLEARED WITH LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. A PLANT MATERIAL LIST IS PROVIDED. IF DISCREPANCIES OCCUR BETWEEN PLANS AND PLANT LIST, PLAN INFORMATION PREVAILS.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEAN UP OF THE WORKING AREAS AND DAILY REMOVAL OF DEBRIS TO AND OFF SITE LOCATION.
11. PILING SOIL AND TRASH SHALL NOT BE DEPOSITED AROUND EXISTING AND NEW PLANTED TREES.
12. TREES SHALL NOT BE PLANTED IN COMPACTED SOIL AREA. WIDTH OF PLANTING HOLE SHALL BE 3 TIMES ROOT BALL DIAMETER IN HIGHLY COMPACTED SOIL.
13. CONTRACTOR SHALL ASSURE PROPER DRAINAGE AND PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION OF PLANT MATERIAL.
14. TO AVOID ROOT PRUNING ON TREES PLANTED, ROOT CONTROL BARRIERS CAN BE USED.
15. IF A ROOT CONTROL SYSTEM IS USED THE CONTRACTOR SHALL CONSULT WITH THE MANUFACTURER FOR THE SELECTED SYSTEM SPECIFICATIONS.
16. RESTORE ALL DISTURBED SURFACES FOLLOWING COMPLETION OF CONSTRUCTION INCLUDING THE REPLACEMENT OF SOD WERE DISTURBED.
17. IF A REFORESTATION PLAN IS NECESSARY (ACP PERMIT), THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACHIEVING A 100% SURVIVAL RATE AT THE END OF A ONE YEAR PERIOD AFTER PLANTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING MONITORING, MAINTENANCE, AND CORRECTIVE MEASURES SUCH AS WATERING, FERTILIZING, REPLANTING AND/OR RECARDING THE FORE STATION UNTIL AREAS HAVE BEEN ACCEPTED IN WRITING BY CLIENT.
18. FOR MAINTENANCE REQUIREMENTS SEE THE MAINTENANCE SECTION IN THE WRITTEN TECHNICAL SPECIFICATIONS PROVIDED IN ADDITION TO THE PLAN SET.
19. PLANTING AREAS AND PLANTS SHALL BE PROTECTED AT ALL TIMES AGAINST TRESPASSING AND DAMAGE OF ALL KINDS FOR THE DURATION OF THE INSTALLATION AND MAINTENANCE PERIOD. IF A PLANT BECOMES DAMAGED OR INJURED, IT SHALL BE TREATED OR REPLACED AS DIRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST.
20. ALL TREES AND PALMS TO BE RELOCATED SHALL BE MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD, AS MAY BE REQUIRED, AND UNTIL WORK PROGRESS PERMITS PLANTING TO FINAL PROPOSED LOCATION. SPECIMENS DAMAGED SHALL BE SUBSTITUTED BY AN EQUAL TREE. (If applicable)
21. EXISTING TREES TO REMAIN SHALL BE PROTECTED AND MAINTAINED AS PER PLANTING DETAILS AND TECHNICAL SPECIFICATIONS.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR IRRIGATION DURING LANDSCAPE CONSTRUCTION AND MAINTENANCE PERIODS (if applicable), ESPECIALLY DURING DROUGHT PERIODS.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR 100% TREE SURVIVAL DURING INSTALLATION AND MAINTENANCE PERIOD, AND SHALL REPLACE ANY TREES THAT FAIL TO SUBSIST WITH AN EQUAL TREE DURING THE WARRANTY PERIOD AND IF CORRECT MAINTENANCE PRACTICES HAVE BEEN APPLIED.
24. PROVIDE 6" MIN. TOPSOIL BED FOR ALL AREAS TO RECEIVE SHRUBS AND GROUND COVERS AND 4" MIN. FOR ALL AREAS TO RECEIVE SOD UNLESS OTHERWISE STATED IN THE WRITTEN TECHNICAL SPECIFICATIONS.
25. PROVIDE 2" TO 3" CEDAR OR CYPRESS MULCH ON ALL AREAS OF BEDS NOT COVERED BY SOD OR GROUNDCOVER. SEE WRITTEN TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
26. WHERE SPECIFIED, GROUND AREAS NOT PAVED, PLANTED, MULCHED, OR SODDED WILL BE HARDSCAPED WITH THE INDICATED AGGREGATE MATERIAL. SOD AND AGGREGATE QUANTITIES ARE APPROXIMATE AND WILL BE USED ONLY FOR QUOTING PURPOSES. CONTRACTOR MUST RECALCULATE ALL AREAS.
27. ACP PERMIT PLANS (TREE CUTTING AND REFORESTATION PERMIT) ARE SEPARATE FROM LANDSCAPE PLANS. TREES AND PALMS ON LANDSCAPE PLANS ARE PART OF THE REQUIRED REFORESTATION, BUT ADDITIONAL TREES MAY BE NEEDED TO FULFILL PERMIT REQUIREMENT. FOR TREE INVENTORY, INDIVIDUALS TO REMAIN, REMOVE, AND/OR TRANSPLANT, AND REFORESTATION PLANS SEE ACP PERMIT PLAN SET.
28. IF TREES AND PALMS SPECIFIED ON LANDSCAPE PLAN ARE ALSO USED AS PART OF THE MITIGATION PLAN, SIZE ON LANDSCAPE PLANS PREVAILS OVER ACP PERMIT PLANS.
29. TREE MITIGATION TO BE UNDERTAKEN OFF-SITE, OUTSIDE LANDSCAPE CONSTRUCTION LIMIT (IF APPLICABLE), MUST BE QUOTED SEPARATELY AND AS 6' TALL SPECIMENS OR AS INDICATED ON ACP PLANS.
30. SOD INSTALLED AT SLOPES GRATER THAN 2:1 MUST BE STAKED.



DETAIL I - Typical triangular spacing for plam beds



DETAIL J - Landscape Edging to separate sod from other plant material



DETAIL K - Rock Barrier for Trees and Palms Surrounded by Pavement

HERNANDEZ-BAUZA PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, PWD

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TORRES WILENO PARK

PLANTING DETAILS

COMPUTER PLOT

NO.	DATE	REVISION	BY
1	10/30/13	ADDENDUM #1	HBA
2	12/4/13	ADDENDUM #2	HBA
3	12/18/13	ADDENDUM #3	HBA

ESCAMBRON SKATE PARK

TORRES WILENO PARK

C. DE LA ESCALA ST.

SHEET NUMBER 35 | TOTAL 83

DRAWING NUMBER LP-2.1

ESCAMBRON SKATE PARK

LANDSCAPE PLAN SHEET LS-1.3

TYPE	CODE	SCIENTIFIC NAME	COMMON NAME	SPACING	TOTAL	SIZE
Trees						
	Ac	Acacia redolens	ACACIA(DES) / SUPREE (VAR)		6	8' x 10 ga / 1.5" cal
	Ch	Chitalpa tashkentensis	TASHKENT BOUGAINVILLEA (VAR)		5	8' / 10 ga / 1.5" cal
	Ti	Tilia cordata 'Greenspire' syn. T. Greenspire	PEARL TWIG LEAF / LIME (TILIA) CV. TREE		9	8' x 10 ga / 1.5" cal
	Vc	Viburnum x carlcephalum	PEARL BUSH (CV.) / WHITE FLOWE		22	8' / 10 ga / 1.5" cal
Shrubs						
	Phi	Philadelphus lewisii	MOCKBUSH		9	15" min / 5 ga
	Pyg	Pyrus kawakamii 'prosfru'	TOVO FRUIT		8	15" min / 5 ga
	Si	Spiraea japonica	TOVO FRUIT		6	18" OC, 15" min
	Ww	Weigela florida 'Wieburg'	WIEGELA VAR. PURPLE		8	15" min / 5 ga
Ground						
	Ac	Arctostaphylos densiflorus 'Sentinel'	MANZANITA	15" oc	169	1 gal
	Cam	Carex amplifolia 'Purple'	CAMLINA MUSCADO	60" oc	17	1 gal
	Ci	Chondropetalum tectorum	REED WHISTLER LOOSESTRAW	30" oc	96	1 gal
	Cc	Cistus x hybr.	CLEAR CREAM	30" oc	120	1 gal
	Lu	Lonicera subsp.	SUEDEN CARAMB	30" oc	9	1 / 5 gal
	Ni	Nassella tenuissima	COMPANY	24" oc	27	1 gal
	Ro	Rosmarinus officinalis	ONE PLANTER	36" oc	169	1" / 1 gal
	Sal	Salvia 'Bee Garden'	FALSE CHERRY/GARDEN SEC YELLO	24" oc	30	1 gal
	Vc	Viburnum x carlcephalum	CHRISTMAS BUSH	24" oc	42	1 gal
	Mex	Muhlenbergia dumosa 'Regal Mist'	MEXICAN MIST GRASS / REGAL MIS	36" oc	44	1 gal
	Pur	Pennisetum setaceum 'Purple'	PURPLE FOUNTAIN GRASS	4	111	1 gal
	Pv	Pittosporum viburni	PITTOSPORUM	30" oc	58	1 gal
	Rr	Rhaphiolepis indica	INDIA HAWTHO	24" oc	65	1 gal
	Tri	Trachelospermum jasminoides	STAR TR JASMIN	12" oc	169	1 gal
Accessories						
Soil						
	Soil	Organic Nursery Blend	GARDEN SOIL/ MIXTURE	1 per sq ft	33811	1 sq ft
Mulch						
Amenities						
	Mp	Mulch	Mulch	each	9	4" min
	Mc	Mulch**	Mulch 3" depth	3" depth	20	m3
	Rvg	River Stone Grey 2" -4" Stone	River Stone Stone Grey Pathway	3" depth	10	m3
		Fertilizer*	Fertilizer		3	100 lb bag
		Top soil *	Top soil mixed and added	per planting pit	9	m3
		Top soil *	Top soil mixed within 3" depth	3" depth	58	m3
		Top soil *	Top soil and 6" depth	6" depth	108	m3
		Weigelia *	Weigelia flat (semi red)	carried over	9	m3
		Root control*	Root control	18" depth	9	4 ft
		Weed fabric	Weed fabric	double layer	4984	sq ft
		Tree trunk base protector	Tree guard to min h		39	units
		Shade sails	Shade Sail hardware single point w/ installa	unit	3	units
		Tree staking and guying	Tree staking and guying	lot	20	ea
		Palm staking and guying	Palm staking and guying	lot	20	ea
		Tree Removal 12" DI ea	Tree removal	each	9	unit
		Palm Removal 12" DI ea	Palm removal	each	9	unit

NOTES

1. Areas covered in rose stone, if applicable, should be brushed over a double layer of weed control fabric.
2. Top soil, mulch, and fertilizer quantities have been estimated and may vary depending on site conditions and project execution. Contractor shall coordinate.
3. Root control barrier (as specified on planting plans) must be used wherever tree or palms are enclosed by pavement or all sides. Contractor must identify services, and spread root barrier.

ESCAMBRON SKATE PARK

LANDSCAPE PLAN SHEET LS-1.2

TYPE	CODE	SCIENTIFIC NAME	COMMON NAME	SPACING	TOTAL	SIZE
Trees						
	Ac	Acacia redolens	SAN CLU DWARF ACA TREE		5	8' x 10 ga / 1.5" cal
	Ba	Bauhinia x blakeana	HARLOCK / ALBINO (VAR)		4	8' x 10 ga / 1.5" cal
	Cp	Caesalpinia mexicana pulch	DIVIDIVI/MEXICAN POINC		19	8' x 10 ga / 1.5" cal
	Lu	Lagerstroemia indica	CRAPE MYRTLE		5	8' x 10 ga / 1.5" cal
	Ly	Ligustrum japonicum	COMMON PRIVET		9	8' x 10 ga / 1.5" cal
	Vt	Viburnum tinus	PACKWOOD / LAFRANCE TREE		11	8' x 10 ga / 1.5" cal
Shrubs						
	Phi	Philadelphus lewisii	SUPE FILLER		8	15" min / 5 gal
	Sp	Spiraea japonica	PYGMY TOWN		5	18" OC, 15" min
	Tm	Remya mangii	PYGMY TOWN		16	7" min / 5 gal
Ground						
	Bgd	Bougainvillea glabra 'Pink'	TAMPOMAN DWARF	30" oc	18	1 gal
	Cam	Carex amplifolia 'Purple'	CAMLINA MUSCADO	60" oc	11	1 / 5 gal
	Cha	Chondropetalum	DWARF CAMLINE	30" oc	12	1 / 5 gal
	Cu	Clivia miniata	VAN FLANDRIA	30" oc	28	1 / 5 gal
	Dm	Dianella tasmanica	STELLA FRANCISCANA BLUE FLAX	18" oc	159	1 gal
	Ms	Muhlenbergia rigens	DEER GRASS	24" oc	61	1 gal
	Lc	Lonicera ramosa	CARACALLA HONEYSUCKLE	12" oc	152	1 gal
	Lm	Liriope muscari 'Variegated'	LIRIOPE GIANT	12" oc	168	1 gal
	Mex	Muhlenbergia dumosa 'Mexican'	MEXICAN MIST GRASS / MEXICAN	30" oc	48	1 gal
	Pv	Pittosporum viburni	PITTOSPORUM	30" oc	78	1 gal
	Si	Sisyrinchium	BERMUDA	12" oc	30	1 gal
	Tri	Trachelospermum jasminoides	STARTR JASMIN	12" oc	247	1 gal
Accessories						
Soil						
	Soil	Organic Nursery Blend	GARDEN SOIL/ MIXTURE	1 per sq ft	37818	1 sq ft
Mulch						
	Cp	Pinus mexicana x greggii hy	COCOA TYPE	12" oc	6	4 MIN
Amenities						
	Mc	Mulch**	Mulch 3" depth	3" depth	23	m3
	Rvg	River Stone Grey 2" -4" Stone	River Stone Stone Grey 4" depth	3" depth	3	m3
	Rvp	River Stone Pathway for planting curbs 3/8" -3/4" Stone	River stone pathway 3" depth	3" depth	1	m3
	Sg	Gravel pits for drainage (12" x)	Gravel pits for drainage	3" depth	1	m3
		Fertilizer*	Fertilizer		1	100 lb bag
		Top soil *	Top soil mixed and added	per planting pit	1	m3
		Top soil *	Top soil mixed within 3" depth	3" depth	41	m3
		Top soil *	Top soil and 6" depth	6" depth	69	m3
		Weigelia *	Weigelia flat (semi red)	carried over	6	m3
		Root control*	Root control	18" depth	6	4 ft
		Weed fabric	Weed fabric	double layer	4784	sq ft
		Tree trunk base protector	Tree guard to min h		57	units
		Shade sails	Shade Sail hardware single point w/ installa	unit	3	units
		Tree staking and guying	Tree staking and guying	lot	47	ea
		Palm staking and guying	Palm staking and guying	lot	33	ea
		Palm Removal 12" DI ea	Palm removal	unit	7	unit

NOTES

1. Areas covered in rose stone, if applicable, should be brushed over a double layer of weed control fabric.
2. Top soil, mulch, and fertilizer quantities have been estimated and may vary depending on site conditions and project execution. Contractor shall coordinate.
3. Root control barrier (as specified on planting plans) must be used wherever tree or palms are enclosed by pavement or all sides. Contractor must identify services, and spread root barrier.

HERNANDEZ-BAUZA PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MAUI

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TORDER MILENIO PARK

PLANT SCHEDULE

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	10/2021	PERMIT SET	HBA	
2	12/2021	90% SET	HBA	
3	03/2022	100% SET	HBA	

PROJECT

ESCAMBRON SKATE PARK

PROJECT LOCATION

C. DE LA ESMERALDA

SHEET NUMBER

36

TOTAL

83

DRAWING NUMBER

LF-2.2

GENERAL NOTES

1) CONTRACTOR SHALL SURVEY PROPERTY OF ALL ITEMS AND DEBRIS AND DEBRIS MATERIAL FROM DEMOLITION WORK ACCORDING TO MUNICIPAL, STATE & FEDERAL REGULATIONS. ETC AND COMPLY AND COMPLY WITH DISPOSAL IT FOR HAZARDOUS MATERIALS. ANTICIPATE REMOVAL & DISPOSAL

2) CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INFLICTED TO THE PROJECT PROPERTY OR ADJACENT PROPERTIES OR OTHER PROJECT DETAILS TO REMAIN DURING THE DEMOLITION AND CONSTRUCTION PHASES. DAMAGES ITEMS SHALL BE RESTORED TO THE ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE AND SATISFACTION. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY OF ANY DAMAGES. CLARIFICATIONS DURING REMOVAL PROCEDURES SHALL BE REFERRED TO OWNER'S DECISION BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.

3) DEMOLITION AND REMOVAL SHALL BE CONDUCTED IN A MANNER THAT ELIMINATES HAZARDS TO PERSONS, THE ENVIRONMENT AND PROPERTY IN THE SURROUNDING AREA. THE CONTRACTOR SHALL PREVENT THE ACCUMULATION OF DUST, GAS TO THE AIR AND SOIL.

4) CONTRACTOR SHALL PROVIDE METAL CONTAINERS OF SUFFICIENT CAPACITY AS TO MAINTAIN THE PROJECT SITE & BUILDINGS FREE OF WASTE AND DEBRIS MATERIALS. DEBRIS MATERIALS SHALL NOT BE ALLOWED TO BE BURNED OR BURIED ON SITE. ALL WASTE MATERIALS AND PACKAGING SHALL BE CONTAINED AT ALL TIMES. WASTE MATERIALS REMOVAL SHALL BE LIMITED LOCATED FROM ONE DAY TO ANOTHER. ON A KNOWN BASIS. ALL WASTE MATERIALS TO BE DISPOSED AS PER APPLICABLE CODES/REGULATIONS. CONTRACTOR SHALL BE SOLELY AND ENTIRELY OUT ACCORDING TO MUNICIPAL, STATE & FEDERAL REGULATIONS. ED APPLICABLE DIVISION 17 HAZARDOUS MATERIALS, EMERGENCY EQUIPMENTS.

5) THE CONTRACTOR SHALL MAINTAIN STREETS, PAVEMENTS, SIDEWALKS AND GROUNDS CLEAN AT ALL TIMES. AVOID MUD, WATER, DUST OR OTHER MATERIALS CAUSING CONTAMINATION AND/OR HAZARDS. AVOID OBSTRUCTION OR CLOSING. CAN NOT BE TAKEN FROM PUBLIC USE WITHOUTS OF SCHOOL SERVICE.

6) THE CONTRACTOR SHALL SUBMIT, PROCURE AND OBTAIN THE FOLLOWING DOCUMENTS & PERMITS FROM THE ENVIRONMENTAL QUALITY BOARD OF PUERTO RICO & OBTAIN TO PROCEED WITH CONTRACT WORK:

A. CONSOLIDATED PERMIT FROM ENVIRONMENTAL QUALITY BOARD
B. SOLID WASTE DISPOSAL (CRIM D.S.) OR APPLICABLE FOR HAZARDOUS OR NON-HAZARDOUS MATERIALS
C. PROPANE GAS SUBMITTED (D.S.) PLAN
D. OTHER REQUIRED BY LAWS AND REGULATIONS.
E. ANY OTHER REQUIRED PERMIT FOR THE CONTRACT WORK.

NOTE: CONTRACTOR MUST MAINTAIN IN FULL FORCE ALL EXISTING PERMITS OBTAINED BY PREVIOUS CONTRACTOR AND / OR SUBMITT AND OBTAIN NEW PERMITS AT NO OWN COST.

7) THE CONTRACTOR WILL NOTIFY AND OBTAIN PERMIT FROM THE PUBLIC SERVICE COMMISSION PRIOR TO THE EXCAVATION WORK OF THE PROJECT. PERMIT MUST BE SUBMITTED TO THE OWNER AND TO THE PROJECT INSPECTOR BEFORE PROCEDING WITH ANY EXCAVATION OR DEMOLITION WORK.

8) PRIOR TO PROCEDING WITH LANDSCAPING WORK, CONTRACTOR MUST REQUEST AND RETAIN FROM THE MUNICIPALITY OF SAN JUAN A PERMIT FOR CUTTING AND PLANTING OF TREES ASSIGNATED TO THE PROJECT (IF APPLICABLE).

9) THE DEMOLITION DRAWINGS ARE INTENDED TO GIVE THE CONTRACTOR A GENERAL IDEA OF THE DEMOLITION WORK. THE CONTRACTOR IS RESPONSIBLE FOR VERIFY EXISTING CONDITIONS NECESSARY TO PERFORM THE CONSTRUCTION WORK AS DESCRIBED IN THE CONTRACT DRAWINGS AND WRITTEN SPECIFICATIONS. DATA IF IT IS NOT SPECIFICALLY SHOWN IN THE DEMOLITION DRAWINGS, NO ADDITIONAL COST TO OWNER WILL BE CHARGED FOR ITEMS THAT ARE NOT SHOWN IN SAME.

10) UTILITIES AND OR SERVICES (CONSISTING BUT NOT LIMITED TO WATER, SEWER, ELECTRICITY, GAS, CABLE TV, DATA AND EQUIPMENT) CAN NOT BE SUSPENDED TO ANY BUILDING OR PROPERTY WHILE CONTRACT WORK IS PERFORMED IN THE PROJECT & ALL SITUATIONS CONTRACTOR SHALL MAKE NECESSARY TEMPORARY CONNECTIONS TO MAINTAIN SERVICES CONNECTED AND OR UTILITIES NOT WILL "NO" AND AT LITE OWN EXPENSE. PLANNING AND COORDINATION BETWEEN CONTRACTOR AND THE AGENCIES PROVIDING THE UTILITIES AND OR SERVICES ARE THE SOLE RESPONSIBILITY AND AT ITS OWN COST.

WORK PLAN

THE WORK WILL BE PERFORMED BY A QUALIFIED CONTRACTOR. OWNER'S NOTICE AND TO USE TO OWN WORK, WILL NOT BE SUFFICIENT TO PERFORM ALL CONSTRUCTION WORK. THE CONTRACTOR WILL ENSURE THE SAFETY OF ITS WORKERS AND OF THE PUBLIC & SURROUNDING AREAS. SAFETY FENCES AND SIGNS WILL BE PROVIDED AS REQUIRED. ALL WORKERS WILL USE ESSENTIAL REQUIRED PROTECTIVE EQUIPMENT AS REQUIRED BY THE STATE AND FEDERAL REGULATIONS. THE WORK WILL BE PERFORMED FOLLOWING THE STATE AND FEDERAL LAWS, CONSTANCE AND IN ACCORDANCE WITH THE WORK PLAN.

1) FINAL DISPOSITION OF DEBRIS AND MATERIAL RESULTING FROM DEMOLITION. ALL DEBRIS SHALL BE RECYCLED OR DISPOSED AT APPROVED RECYCLING LOCATIONS. CONTRACTOR WILL TRANSPORT ALL CONCRETE AREAS MATERIAL IN AUTHORIZED TRUCKS AS APPROVED BY DOT & THE PUBLIC SERVICE COMMISSION.

2) SAFETY AND HEALTH PLAN. - THE CONTRACTOR SHALL PROVIDE A OSH (TEC) SUPERVISOR FOR ALL EMPLOYEES AND THEIR SURROUNDING. IT MUST GUARANTEE TO SAFETY AND HEALTH OF ALL EMPLOYEES, SUBCONTRACTORS AND GENERAL PUBLIC SUBMITTING A COMPREHENSIVE SAFETY & HEALTH PLAN FOR SITE APPROVAL.

3) SAFETY MEASURES AND PRECAUTIONS DURING DEMOLITION OR CONSTRUCTION (ALL U.S.A. AND P.R.E. UPDATES COMPLIANCE)

A. GENERAL WORK RELATED TO DEMOLITION MUST BE UNDERTAKEN IN CONFORMITY OF THE APPROVED SAFETY PLAN.
B. SAFETY MEETINGS - THE CONTRACTOR WILL PERFORM JOB SITE INSPECTIONS TO CONFIRM ANY POTENTIAL SAFETY HAZARDS. IF A POTENTIAL HAZARD IS FOUND, THE CONTRACTOR WILL USE THE APPROPRIATE METHODS (CURRENTLY, SPECIFY AND ANALYSIS) TO ASSURE A SAFE WORKPLACE. SAFETY TOOLS AND METHODS WILL BE EVALUATED PRIOR TO THE WORK AND WHENEVER NECESSARY TO MAINTAIN A SAFE AND ACCEPTABLE JOB.
C. THE CONTRACTOR WILL PROVIDE TRAINED AND EXPERIENCE PERSONNEL TO ASSIGN A JOB PROPERLY DONE AND SAFE.

4) THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION IN WORK AND OPERATIONAL AREAS:
   1. NO AREA WILL BE USE FOR THE STORAGE OF COMBUSTIBLE MATERIAL UNLESS IT IS FIRE PROOF.
   2. THE CONTRACTOR WILL PROVIDE FIRE EXTINGUISHER CAPABLE IN THE WORKING ZONE OF CONSTRUCTION AREA.
   3. ALL HEAVY EQUIPMENT, WELDING MACHINE OR CUTTING EQUIPMENT SHOULD HAVE ITS OWN FIRE EXTINGUISHERS OR HAVE ONE IN A 100 FEET RADIUS FROM IT.
   4. DURING DEMOLITION OR CONSTRUCTION KEEP FREE ACCESS TO FIRE HYDRANTS. FIRE DOORS FIRE EXTINGUISHING EQUIPMENT, ETC. BE PROVIDED AND MAINTAINED AT ALL TIMES.

5) CUTTING:
   1. PERSONNEL FROM THE CONTRACTOR WILL BE REQUIRED TO WEAR PROPERLY WHILE PERFORMING THEIR JOB.
   2. EACH WORKER WILL USE APPROPRIATE WORKING SHOES.
   3. PROPER BUSINESS DAY PROTECTION WILL BE USE WHEN REQUIRED.
   4. PROPER HAND PROTECTION WILL BE USE WHEN REQUIRED.
   5. PROPER HEARING PROTECTION WILL BE USED IN AREAS WHERE SOUNDS ARE HIGHER THAN 90 DBA.
   6. THE USE OF SAFETY HELMETS IS MANDATORY FOR ALL PERSONNEL ENTERING THE WORKING AREA.
   7. ALL EMPLOYEES WILL WEAR SAFETY BELTS WHEN WORKING NO TEST OR WORK ABOVE GROUND OR WHEN WORKING IN A HAZARDOUS POSITION. SAFETY BELTS WILL BE STRICTLY ANCHORED TO FACE STANDARD TO ASSURE THE WORKER SAFETY.
   8. SAFETY GLASSES WITH SIDE SHIELDS WILL BE USED WHENEVER EXPOSED TO FAST PARTICLES.

6) WELDING AND CUTTING:
   1. PROTECTIVE SHIELD - WHEN GAS WELDING OR CUTTING IS DONE, WEAR OR WITHIN A RADIUS OF TEN FEET OF COMBUSTIBLE MATERIAL MEDIA IS PLACE WHERE WORKERS ARE TEMPORARY OR WHERE WELDING CAN TO HAVE NON COMBUSTIBLE SHIELD WILL BE INTRODUCE TO PROTECT SUCH MATERIALS OR PERSONS AGAINST SPARKS AND HOT METAL.
   2. GAS AND FUEL SUPPLY:
      a. FUEL GAS SUPPLY WILL NOT BE MOVED FROM ONE PLACE TO ANOTHER UNTIL ALL VALVE BE CLOSED UNLESS THE HOSES OF SUCH SUPPLY ARE IN PLACE.
      b. 220 VAC CIRCUITS WILL BE USED FOR LIFTING OR LOWERING WATER OR FUEL TANKS IS NEEDED. TO MINIMIZE THE POSSIBILITY OF DROPPING TANKS ORDINARY WORK SHOES WILL NOT BE USED.
      c. TANKS SUPPLYING GAS FOR WELDING OR CUTTING WILL BE LOCATED AT NO GREATER DISTANCE FROM THE WORK AREA THAN NECESSARY FOR SAFETY. SUCH TANKS WILL BE SECURELY FASTENED IN PLACE AND VALVES HANDLED IN A PRUDENT FASHION.
      d. LICENSE SERVICE WILL BE AVAILABLE PROPERLY WHILE WELDING OR CUTTING IS BEING THERE.
   3. SIGNS, SIGNALS, BARRICADES:
      1. SIGNS, SIGNALS AND BARRICADES WILL BE USED AT ALL TIMES WHERE A HAZARD EXISTS.
      2. STATIC BARRICADES WILL PROTECT ALL STREETS, ROADS, HIGHWAYS, AND OTHER PUBLIC THOROUGHFARES.
      3. WHEN ANY CLOSED TO TRAFFIC OR WHICH WILL BE PLACED ADEQUATELY AND CLEARLY VISIBLE WARNING SIGNS.
      4. BARRICADES AND SIGNS WILL BE USED TO MAINTAIN A PEDICE AND SAFE WORKING ENVIRONMENT.
      5. CONTRACTOR WILL PROVIDE SAFETY PERSONNEL IN AREAS WHERE DEMOLITION OR CONSTRUCTION WORK IS BEING DONE.

7) HAND AND POWER TOOLS:
   1. ALL HAND AND POWER TOOLS WHETHER FURNISHED BY THE CONTRACTOR OR BY ITS EMPLOYEES, WILL BE MAINTAINED IN SAFE CONDITION.
   2. THE CONTRACTOR WILL NOT ISSUE NOR PERMIT THE USE OF UNSAFE HAND OR POWER TOOLS.
   3. CUTTING POWER TOOLS WILL BE GROUNDED OR DOUBLE INSULATED.
   4. PNEUMATIC POWER TOOLS WILL BE SECURED IN PLACE OR HUNG BY SOME POSITIVE MEANS.
   5. ONLY PROPERLY TRAINED OR LICENSING EMPLOYEES WILL OPERATE POWER - ACTUATED TOOLS.
   6. CLEANERS WILL BE USED AS TO THE NATURE OF THEIR CONTENTS.

8) COMPRESSED GAS CYLINDERS:
   1. COMPRESSED GAS CYLINDERS WILL BE SECURELY IN AN UPRIGHT POSITION AT ALL TIMES.
   2. WHEN TRANSPORTING, MOVING OR STORING CYLINDERS VALVE PROTECTION CAPS WILL BE IN PLACE AND SECURED.
   3. CYLINDERS WILL BE KEPT AWAY FROM SPARKS, HOT SLAG AND FLAMES, OR BE ADEQUATELY PROTECTED.
   4. CYLINDERS WILL NOT BE PLACED WHERE THEY CAN BECOME PART OF AN ELECTRIC CIRCUIT.
   5. CYLINDERS WILL BE USED AS TO THE NATURE OF THEIR CONTENTS.

9) SCAFFOLDS:
   1. SCAFFOLDS WILL BE USED IN EMERGENCY SITUATIONS AND WHEN WORKING ABOVE 10 FEET FROM THE GROUND.
   2. PROPER ENGINEERING WILL BE USED TO MANUFACTURE SCAFFOLD AND WORKERS SAFETY.
   3. WORKERS WILL USED THE APPROPRIATE SAFETY BELTS WHEN WORKING ON SCAFFOLDS.
   4. WHEN SCAFFOLDS, LADDERS WILL BE SECURED AND LOCKED PRIOR TO MOUNTING.
   5. NO SCAFFOLDING WILL BE ON A WORK'S SCAFFOLD WHEN IT IS BEING ALTERED.

10) CRANES AND DERRICKS:
   1. ALL CRANES AND DERRICKS WILL BE CERTIFIED AS BEING IN SAFE OPERATING CONDITION PRIOR TO USING THE USING OF DERRICK ON THE JOB SITE.
   2. THE CRANE OR DERRICKS WILL HAVE PROPER SAFETY EQUIPMENT AND LIMITATIONS FOR TO PROPER USE OF IT.
   3. CRANES, EMPLACEMENTS AND QUALIFIED OPERATORS WILL BE USED DEPENDING OF THE SPECIFIC WEIGHT AND MODEL OF THE CRANE.
   4. THE MANUFACTURE'S OPERATION MANUAL SHALL BE KEPT WITH THE CRANE WHILE IT IS DIRECT.

11) LADDERS:
   1. THE USE OF LADDERS WITH BROKEN OR MISSING RUNGS OR STEPS, BROKEN OR SPLIT RAILS OR OTHER DEFECTIVE CONSTRUCTION IS PROHIBITED.
   2. LADDERS WILL EXTEND NO LESS THAN 36 INCHES ABOVE LANDING AND BE SECURED TO PREVENT DISPLACEMENT.
   3. PORTABLE LADDERS WILL BE EQUIPPED WITH SAFETY FEET.
   4. WOODEN LADDERS WILL NOT BE PAINTED.

12) EQUIPMENT AND MOTOR VEHICLES:
   1. ALL EQUIPMENT WILL BE INSPECTED DAILY BEFORE USE.
   2. DEFECTIVE EQUIPMENT WILL BE REPAIRED OR REMOVED FROM SERVICE.

13) DEMOLITION:
   1. PROPER DEMOLITION PROCEDURES WILL BE PERFORMED DEPENDING OF THE ITEM TO BE DEMOLISHED.
   2. A DEMOLITION PLAN WILL BE DONE EXPLAINING THE PROCEDURE TO BE USED PRIOR TO THE BEGINNING OF THE WORK.
   3. THE DEMOLITION PLAN WILL INCLUDE TO PROCEDURE REGARDING DUST CONTROL AND DEBRIS REMOVAL ON JOB SITE.

14) DISPOSAL OF WASTE:
   1. WASTE MATERIAL, DEBRIS AND RUBBISH WILL NOT BE STORED NOR ALLOWED TO ACCUMULATE WITHIN THE WORK AREA OR ON THE PREMISES EXCEPT BUT WILL BE REMOVED FROM THE PREMISES EACH DAY.
   2. STEEL, ALUMINUM AND COPPER WILL BE RECYCLED.
   3. CONNECTS WILL BE RECYCLED WITHOUT ADDITIONAL COST TO OWNER.
   4. ALL OTHER NON-RECYCLABLE MATERIALS WILL BE DONE TO A LAND FILL THAT APPROVED BY THE LOCAL AND STATE LAWS AND REGULATIONS.

15) FIRE AID AND MEDICAL PROCEDURES
   A. FIRST AID (MINOR CUTS, SCRATCHES, BRUISES, ETC.)
      1. ON SITE PERSONNEL CLASSIFIED AS FIRST AIDER WILL BE ASSIGNED RESPONSIBILITY FOR THIS CONTRACT TO THIS PROJECT.
      2. ALL PERSONAL INJURIES AND ILLNESSES EVEN RELATED TREATED OR REPORTED (MINOR OR ILLICIT) WILL BE RECORDED ON DAILY FIRST AID LOG.
      3. FIRSTAIDERS OR FIRST AID ATTENDANT WILL SEEK THE ASSISTANCE/HELP AS IS DEEMED AS NECESSARY TO ENSURE PROMPTLY ACCURATE OF THE SITUATION IS MADE TO SEEK MEDICAL TREATMENT.
   B. MEDICAL CASES (JUST BE DURING AMBULANCE SERVICE)
      1. MINOR CASES NORMALLY NO REQUIRING AMBULANCE SERVICES ARE: INJURIES NOT TO MINOR UNCONSCIOUS, TIMECODES VERSUS BODIES IN CIVIL PHYSICAL PARALYSIS, ETC.
      2. THE CONTRACTOR WILL PROVIDE PROPER EQUIPMENT FOR PROMPT TRANSPORTATION OF THE INJURED PERSON TO A PHYSICIAN OR HOSPITAL.
   C. EMERGENCY CASES REQUIRING AMBULANCE SERVICES
      1. MEDICAL CASES REQUIRING AMBULANCE SERVICES WILL BE SUCH CASES AS SEVERE HEAD INJURIES, AMPUTATIONS, HEART ATTACKS, ETC.
      2. SHOULD AMBULANCE SERVICES BE NECESSARY THE FOLLOWING PROCEDURES WILL BE UNDER IMMEDIATELY:
         a. CONTACT EMPLOYEE TRAINED IN CPR / AED.
         b. IF FIRST AID IS BEING ADMINISTERED CONTACT NECESSARY AMBULANCE SERVICES.
         c. WHILE THE INJURED EMPLOYEE IS BEING TRANSPORTED, THE CONTRACTOR WILL CONTACT THE MEDICAL FACILITY TO BE WITH AID.
      3. ONE DESIGNATE REPRESENTATIVE WILL ACCOMPANY THE INJURED EMPLOYEE TO THE MEDICAL FACILITY AND REMAIN AT THE FACILITY UNTIL FINAL DIAGNOSIS AND OTHER RELEVANT INFORMATION IS OBTAINED.

GENERAL PROCEDURES

1. THE CONTRACTOR SHALL CHECK AND CERTIFY A THOROUGH VISIT TO THE PROJECT SITE AND BUILDINGS, AND TO FAMILIARIZE WITH ALL THE CONDITIONS, WORK BEFORE ATTENDING THE PRE-BID MEETING.
2. CONTRACTOR SHALL BE HOLD RESPONSIBLE FOR ANY DAMAGES INFLICTED TO THE OWNER'S IN NEIGHBOR PROPERTY OR OTHER AREAS DURING THE EXECUTION OF THE WORK. HE SHALL REPAIR ANY DAMAGES AT HIS OWN EXPENSE TO OWNER'S SATISFACTION.
3. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT ALL SHOP DRAWINGS, PRODUCT LITERATURE AND SAMPLES FOR APPROVAL PRIOR TO COMMENCEMENT OF THE WORK AND NO LATER THAN 60 CALENDAR DAYS AFTER ORDER TO PROCEED. NO SUBSTITUTIONS REQUEST OF MATERIALS WILL BE CONSIDERED WHEN NON-COMPLIANCE OF SUBMITTALS DO NOT HAVE TO CAUSING SUCH SUBSTITUTION REQUEST.
4. DRAWINGS ARE NOT TO BE SCALED. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
5. ALL MATERIALS AND CONSTRUCTION METHODS USED MUST COMPLY WITH ALL GOVERNING REGULATIONS AS SET FORTH BY THE PUERTO RICO PLANNING BOARD, AND ALL OTHER CONCERNED REGULATORY AGENCIES AND CODES.
6. NEW CONSTRUCTION INCLUDE CONCRETE, MASONRY WORK, PLASTER, DOORS, FRAMES, AND MISCELLANEOUS METALS OTHER THAN STAINLESS STEEL SHALL BE PAINTED UNLESS OTHERWISE CLEARLY INDICATED ON DRAWING.
7. ALL WOOD MATERIAL BE EITHER SOLID OR PLYWOOD SHALL BE PRESSURE TREATED AND AS SPECIFIED IN ACCORDANCE WITH SPECIFICATIONS.
8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING FIELD CONDITIONS PRIOR TO ACTUAL CONSTRUCTION OR INSTALLATION. IN CASE OF ANY DISCREPANCY WITH THE CONSTRUCTION DOCUMENTS, OR DOUBTS AS TO THE INTERPRETATION OF SAID DOCUMENTS, THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED AND CONSULTED FOR CLARIFICATION PRIOR TO CONSTRUCTION OR INSTALLATION.
9. WHEN QUANTITY OF MATERIALS ARE SHOWN IN CONSTRUCTION DRAWINGS AND OR WRITTEN SPECIFICATIONS, SUCH NUMBER SHALL NOT BE TAKEN AS THE ULTIMATE QUANTITY NEEDED FOR THE CONSTRUCTION CONTRACT. THE CONTRACTOR SHALL PROVIDE AND INSTALL THE AMOUNT OF MATERIALS AND/OR EQUIPMENTS NEEDED TO COMPLETE AND PLACE IN OPERATION ALL THE WORK SHOWN IN THE CONSTRUCTION DRAWINGS AND WRITTEN SPECIFICATIONS, WITHOUT ADDITIONAL COST TO THE OWNER.
10. INTERIOR PAINTING WORK, CLEAN - FUNGUS AND DARK SPOTS IN WALLS AND CEILINGS WITH AN INDUSTRIAL CLORINE SOLUTION (SH MILDEW - CLORINE CONTAINER)
11. REPAIR ALL DRYWALL SCRAPE, PATCH AND/OR REMOVE EXISTING IMPERFECTIONS IN ALL EXTERIOR CEMENT PLASTER WALLS (SK CRACK) REHABILITATION PROJECTS (SEAL OF CRACK TO TAKE INDUSTRIES, ETC. "CAMS THIN PATCH" (PUERTO RICO BMC PRODUCTS, INC.) FOR CORRECTION OF UNEVEN FINISHES IN CRACKED WALLS.
12. APPLY A HIGH QUALITY SURFACE CONDITIONER AT ALL INTERIOR / EXTERIOR CEMENT PLASTER WALLS & CEILINGS BEFORE PAINTING, REFER TO SPECIFICATIONS.
13. PAINT ALL EXTERIOR CEMENT PLASTER SURFACES, FRAMES, DOORS, WINDOW, ETC. AS SPECIFIC COLORS TO BE SELECTED BY ARCHITECT AS INDICATED IN "FINISHES SPECIFICATIONS (NO LEAD BASED PAINT SHALL BE UTILIZED IN THIS PROJECT.
14. INTERIOR CONSTRUCTION WORK & FINISHES THE WHOLE PROJECT SHALL BE PAINTED ACCORDING TO SPECIFICATIONS.

METAL WORK

1. ALL METAL SHEETS SHALL BE ELECTRO GALVANIZED STEEL, #16GS.
2. ALL METALS SHALL BE PAINTED ACCORDING TO SECTION 09900 "HIGH PERFORMANCE COATING" OF "DOT" SPECS.
3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL METAL WORKS PRIOR TO FABRICATION FOR ARCHITECTS APPROVAL.

HERNANDEZ-BULERIN PSC, ARCHITECTS

ARCHITECTS SEAL

STATE INSURANCE OF SHEETS

CONSULTANTS SEAL

OWNER

GOVT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MPSJ

OWNER

AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT

ESCAMBRON SQUARE PARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME

GENERAL NOTES

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED

DRAWN BY

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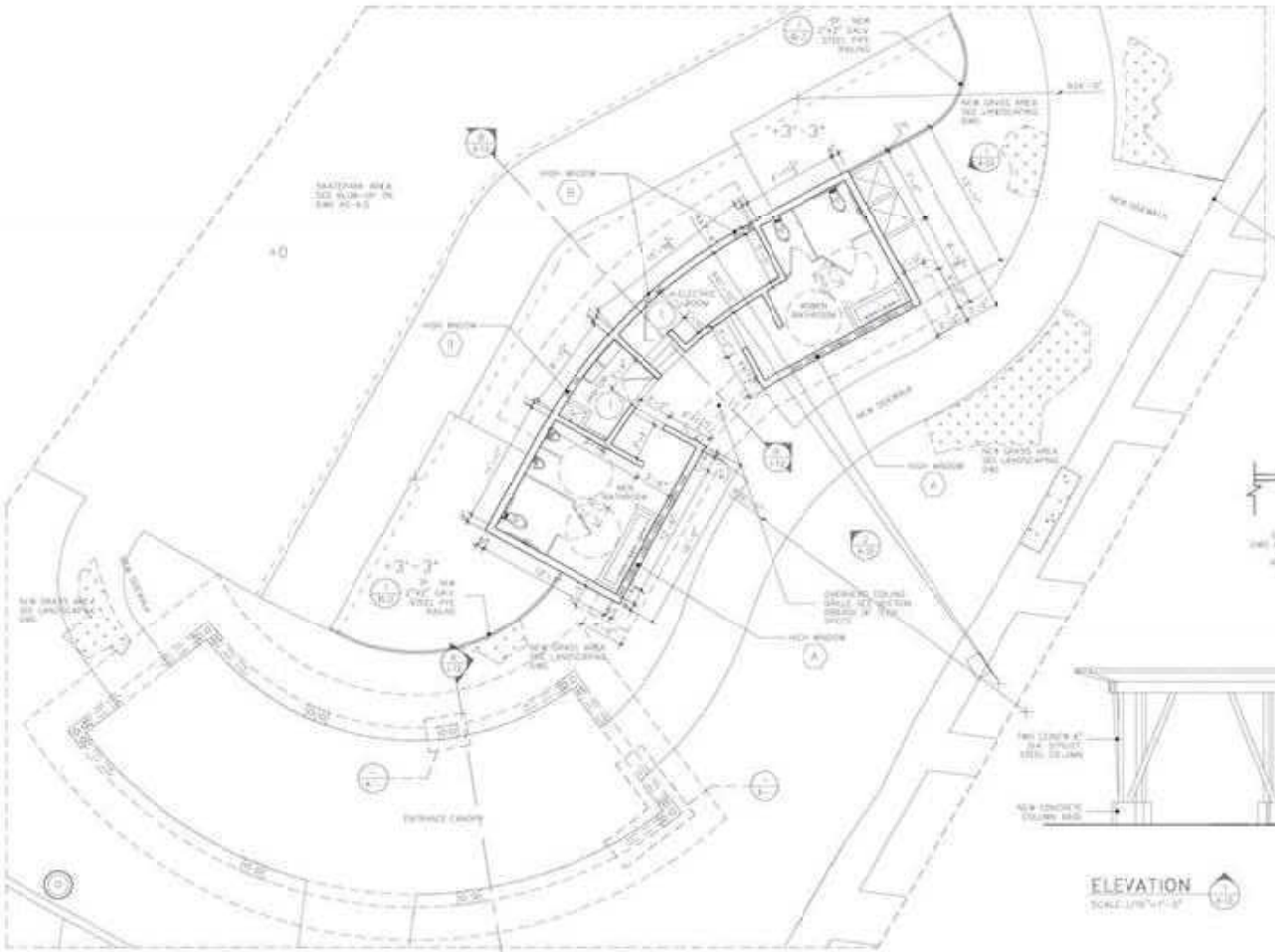
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NUMBER	TOTAL
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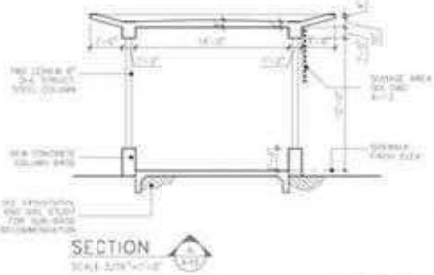
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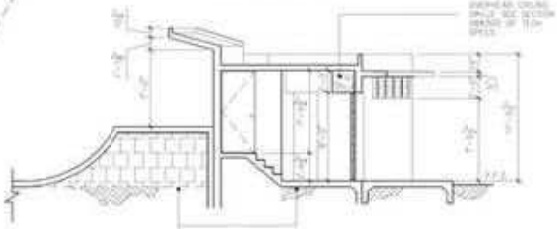
ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

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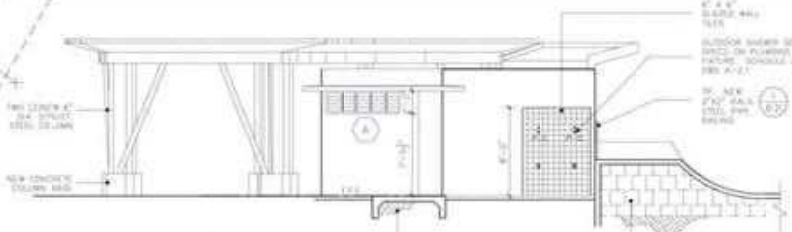
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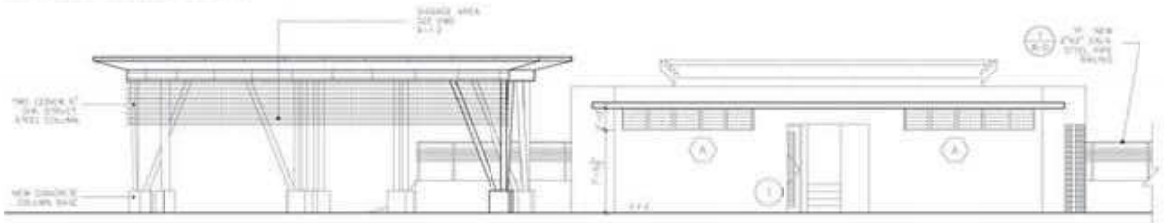
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ELEVATION

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ELEVATION

SCALE: 1/16"=1'-0"

GENERAL NOTES:

1. SEE GENERAL SITE PLAN AND GEOMETRY ON DWG ---
2. SEE ROOF PLAN ON DWG A-1.1
3. SEE BATHROOM ENLARGED PLAN ON DWG A-2.0
4. SEE LANDSCAPING ON DWG L0-2.0
5. ALL EXTERIOR BATHROOM FLOOR FINISH SHALL BE TROWELED CONCRETE. LOW WALLS AND/OR CURBS SHALL BE CEMENT PLASTER AND PAINT.

LEGEND:

SYMBOL	DESCRIPTION
	NEW 6" ROW CONCRETE WALL
	NEW 8" ROW CONCRETE BLOCK WALL
	NEW DOOR TO BE INSTALLED
P.O.	NEW PLUMBING FIXTURES, SEE DWG A-----FOR SCHEDULE
	SECTION ID. SYMBOL
	DETAIL ID. SYMBOL

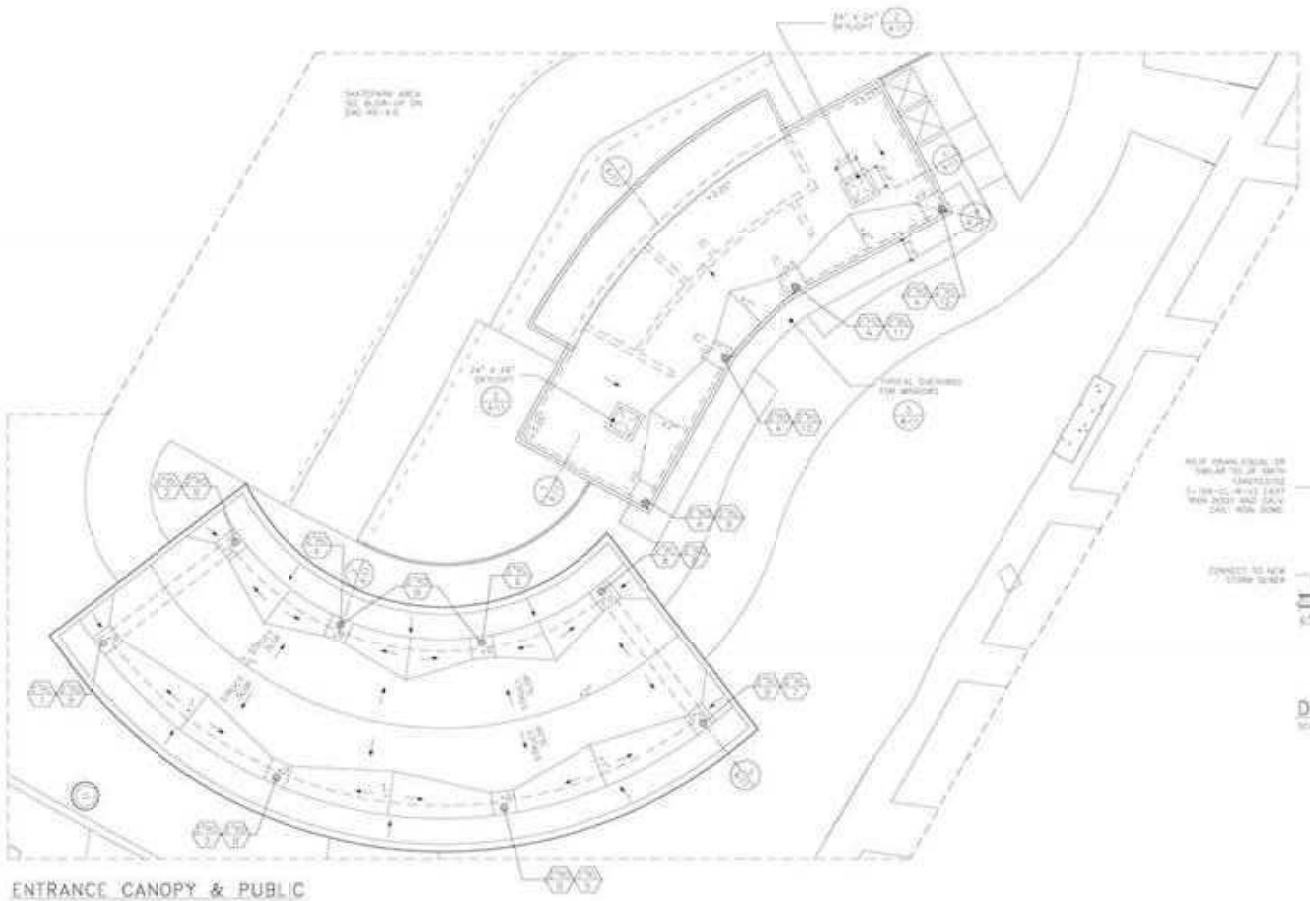
HERNANDEZ-BAUER PSC, ARCHITECTS

ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

SHEET NUMBER 38

TOTAL 83

DRAWING NUMBER A-1.0



ENTRANCE CANOPY & PUBLIC BATHROOMS ROOF PLAN

SCALE: 1/16"=1'-0"



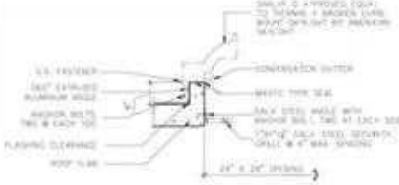
ROOF WATERPROOFING DETAIL

SCALE: N.T.S.

STRUCTURAL STEEL ROOF WATERPROOFING SYSTEM

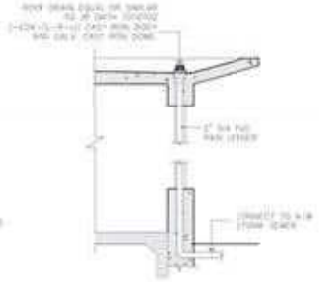
1. (2ply) MODIFIED BITUMEN FLASHING MEMBRANE W/POLYESTER MAT REINFORCEMENT FINISHED W/ALUMINUM COAT. TOP @ ROOF DRY FLOW ON TOP BOTTOM SIDE, AND SURFACE DRY FILM
2. (2ply) MODIFIED BITUMEN MEMBRANE W/POLYESTER MAT REINFORCEMENT
3. ASPHALT PRIMER COAT
4. LIGHTWEIGHT CONCRETE FOR REQUIRED ROOF SLOPE OF 1/4" X FOOT
5. TRUSS OR WOOD CANT STRIP 4" X 4"
6. PRESSURE EQUALIZATION RELIEF VENT 4 EVERY 1000 SF

SEE SECTION 07 52 00 MODIFIED BITUMINOUS MEMBRANE ROOFING FOR SPECIFICATIONS



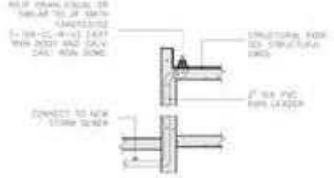
DETAIL

SCALE: N.T.S.



DETAIL

SCALE: N.T.S.



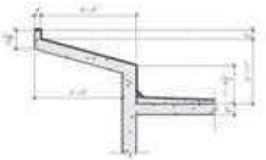
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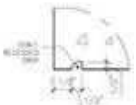
DETAIL

SCALE: N.T.S.



DETAIL

SCALE: N.T.S.



TYP. RECESSED DRIP DETAIL

SCALE: N.T.S.

LEGEND

SYMBOL	DESCRIPTION
	PIPE LEADER @ SYMBOL
	ROOF DRAIN @ SYMBOL

DETAIL @ SYMBOL

HERNANDEZ-BAILEY PSC, ARCHITECTS

LORA HERNANDEZ DE BAILEY

CITY OF URBAN DESIGN AND PROJECT DEVELOPMENT, SAISD

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON PRIVATE SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

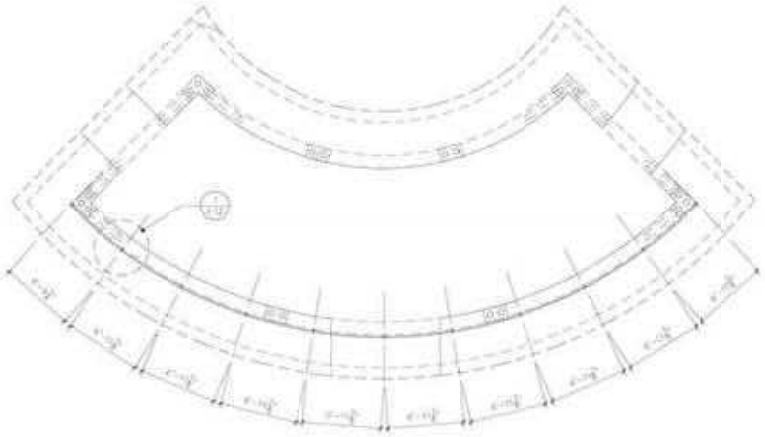
ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

NO.	DATE	REVISION	BY

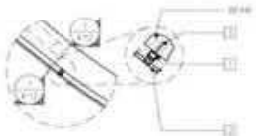
SHEET NUMBER	TOTAL
39	83

DRAWING NUMBER

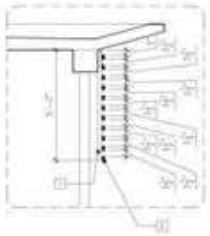
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LETTERING FLOOR PLAN



DETAIL



SECTION

KEY NOTES:

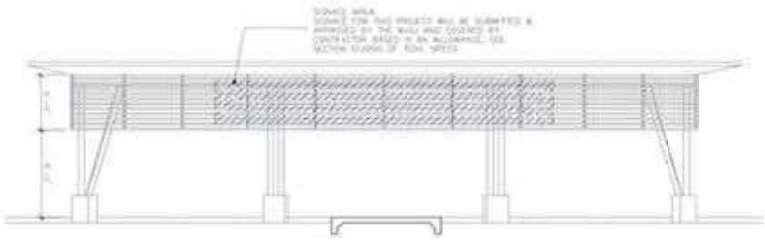
[1] STRUCTURAL ALUMINUM TUBES BY OTHER S/ SIMILAR, SUPPORTS IN ROOF SHEET SA-14, WITH INDIA SCREEN FINISHED WITH ELECTROSTATIC POLYESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT COLOR TO BE SELECTED BY ARCHITECT EQUAL OR APPROVE EQUAL TO DIBILANDIS, S.A., WWW.DIBILANDIS.COM

[2] STRUCTURAL ALUMINUM TUBES TS 3MM & 60.3MM Ø 2.0MM, SUPPORTS IN ROOF SHEET SA-14, WITH INDIA SCREEN FINISHED WITH ELECTROSTATIC POLYESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT COLOR TO BE SELECTED BY ARCHITECT EQUAL OR APPROVE EQUAL TO DIBILANDIS, S.A., WWW.DIBILANDIS.COM

[3] 4" STAINLESS STEEL ANCHOR BOLTS Ø EACH VERTICAL TUBE SUPPORTS

[4] LETTERS IN ALUMINUM SHEET SA-14, FINISHED WITH ELECTROSTATIC POLYESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT COLOR TO BE SELECTED BY ARCHITECT EQUAL OR APPROVE EQUAL TO DIBILANDIS, S.A., WWW.DIBILANDIS.COM

IMPORTANT NOTE: SYSTEM WILL BE YOUR MECHANICAL ASSEMBLE DETAIL SHOP DRAWING AND MATERIAL SAMPLES MUST BE SUBMITTED FOR ARCHITECT'S APPROVAL.



ELEVATION

HERNANDEZ-BAUZA PSC, ARCHITECTS

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ARCHITECT SEAL

GLENN HERNANDEZ DE BAUZA
LICENSE NUMBER

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PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TENDER VALERIO PARK

DRAWING NAME
SONADC AREA AND DETAILS

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED

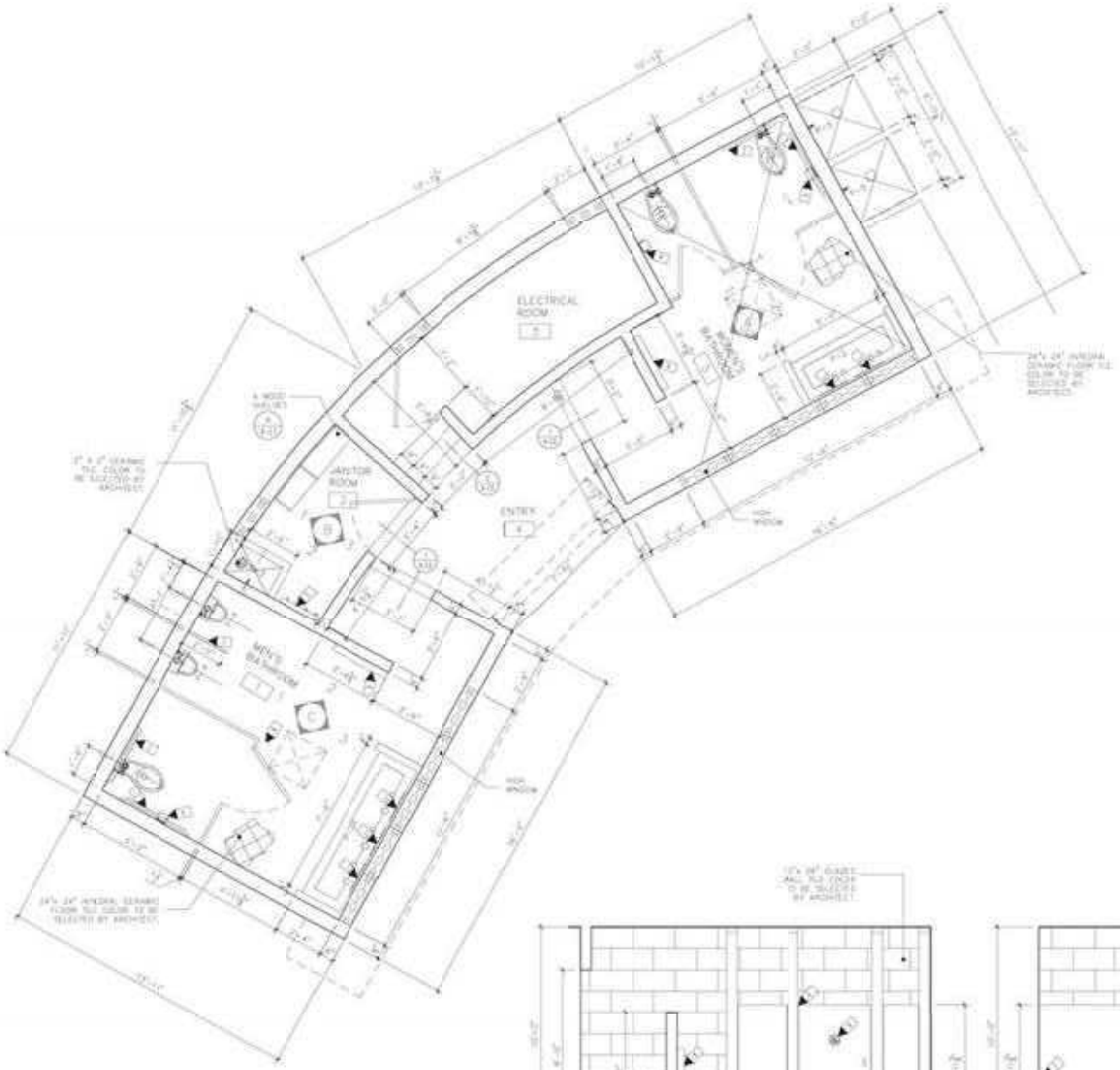
SHEET #

ACCESS CONSULTANT #

JOB NO.

NUMBER	TOTAL
40	83

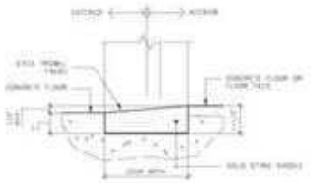
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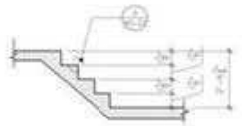
BATHROOM BLOW-UP

BATHROOM FINISHES SCHEDULE

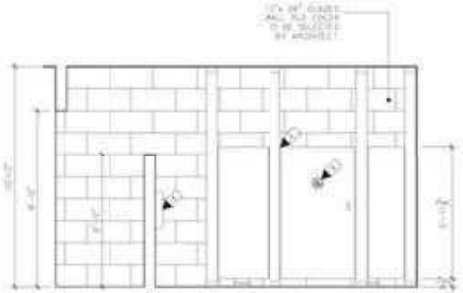
NO.	ROOM	WALLS	FLOORS	BASE	CEILING
1	MEN'S BATHROOM				
2	JANITOR ROOM				
3	ELECTRIC ROOM				
4	ENTRY				
5	WOMEN'S BATHROOM				



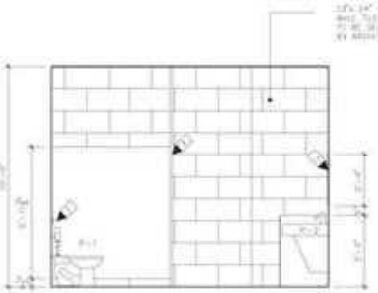
TYP. DOOR SADDLE FOR ENTRANCE DETAIL



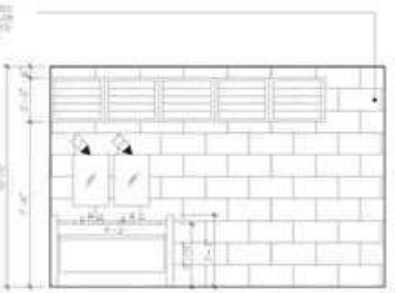
DETAIL



ELEVATION A-1



ELEVATION A-2



ELEVATION A-3

HERNANDEZ-BAILEY PSC, ARCHITECTS

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PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TENDER VALERIO PARK

DRAWING NAME
ENTRANCE SHOPP & PUBLIC BATHROOMS FLOOR PLAN

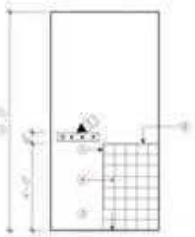
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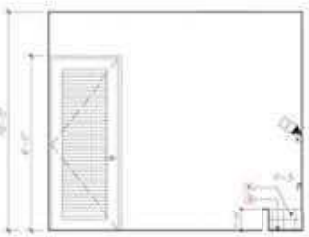
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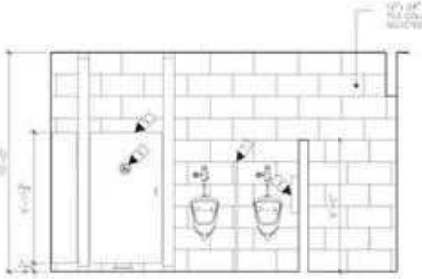
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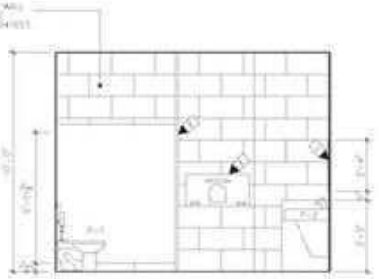
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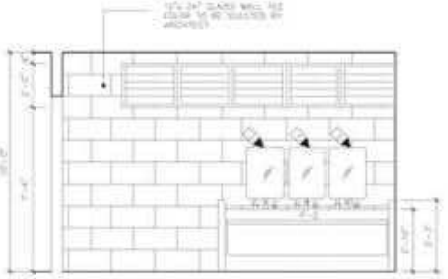
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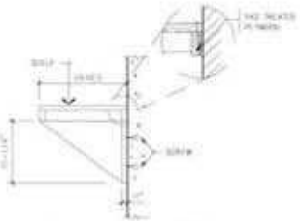
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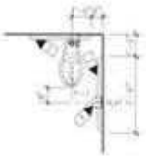
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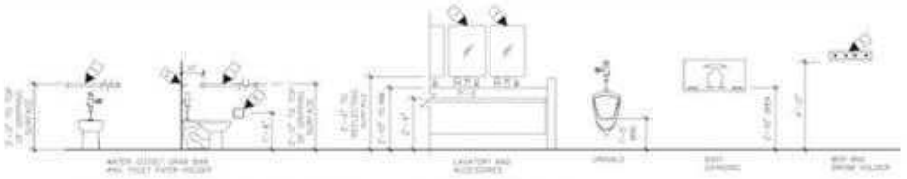
ELEVATION C-3



TYPICAL SHELF SUPPORT DETAIL



JANITOR TILE LEGEND



TYPICAL BATHROOM EQUIPMENT - MOUNTING HEIGHT

BATHROOM ACCESSORIES

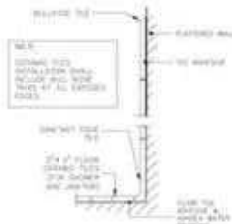
NUMBER	DESCRIPTION	COMMENTS
1	STAINLESS STEEL MIRROR	SURFACE MIRROR, BOBRICK B-290 OR B-2900
2	36" GRAB BAR	BRADLEY GRAB BAR #812 SERIES 812-36
3	42" GRAB BAR	BRADLEY GRAB BAR #812 SERIES 812-42
4	TOILET PAPER DISPENSER	SURFACE TOILET PAPER DISPENSER, BOBRICK B-2892
5	MOP AND BROOM HOLDER	BRADLEY HOLDER MODEL #954
6	BATHROOM SHELVES	BOBRICK SERIES "SHELF SERIES" MODEL "2288 SHELF PRIVACY" 11" WIDTH & PANELS AND 4'-0" FLOOR CLEARANCE
7	URINAL PARTITIONS	BRADLEY PRIVACY URINAL PARTITIONS SOLID PHENOLIC CORE
8	BABY CHANGING STATION	KOPFER HORIZONTAL BABY CHANGING CODE 2020518
9	PC SIGN FOR TOILET DOOR	SUPER KOLOR MODEL "I" PIC SYSTEM CODE 1910-2.5

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	SPECIFICATIONS
P-1	WC TOILET	AMERICAN STANDARD MODEL# FLOWISE 16.5" HEIGHT 1.1 GPF FLUSHOMETER TOILET SYSTEM WITH EVERCLEAN ELECTRONIC FLUSH VALVE - MODEL 3461.101 WHITE 10" ROUGH-IN, AMERICAN STANDARD 3241.800.020 HEAVY DUTY OPEN FRONT LID OR COVER WITH EVERCLEAN
P-2	WC LAVATORY	SLOAN JOF-1001 INTEGRATED SINK SYSTEM MODEL NO. EJ-8000 PRODUCT TO BE FABRICATED OUT OF CORIAN OR QUARTZ SURFACE WITH SLOAN EBOX ADAPTED HAND DRYER EAC-IMC SLOAN AUTOMATED SENSOR FAUCET-ETF-10001 AND SLOAN SENSOR OPERATED FOAM SOAP DISPENSER ESD-401 OR ESD-500, SINK DESIGN TO BE ADA COMPLIANT SURFACE WITH ENCLOSURE
P-2A	WC LAVATORY	SLOAN JOF-1001 INTEGRATED SINK SYSTEM MODEL NO. EJ-8000 PRODUCT TO BE FABRICATED OUT OF CORIAN OR QUARTZ SURFACE WITH SLOAN EBOX ADAPTED HAND DRYER EAH-IMC SLOAN AUTOMATED SENSOR FAUCET ETF-10001 AND SLOAN SENSOR OPERATED FOAM SOAP DISPENSER ESD-401 OR ESD-500, SINK DESIGN TO BE ADA COMPLIANT SURFACE WITH ENCLOSURE
P-3	JANITOR HOSE BIB	ONE (1) BRASS WALL VALVE HOSE BIB BY CHAMPION, ARMORHEAD, 3/4" NPT MODEL #23994 WITH 3/4X MIPHOSE X 3/4 WITH GRIP HANDLES. SLOAN LIGHT COMMERCIAL FD231-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"X 5" WITH 3/5 RADIAL PROOF SCREWS
P-4	URINAL	AMERICAN STANDARD DECORUM 3725.001 1PT 1GPF SPUD HIGH EFFICIENCY WASH URINAL SYSTEM MODEL #3725.001 ADAPTED WITH SELECTRONIC FLUSH VALVE MODEL #3663.017.002
P-5	OUTDOOR SHOWER	ACORN ENGINEERING COMPANY WALL MOUNT SINGLE SUPPLY SHOWER MIX-1424A-SS STAINLESS STEEL ADA METERED PUSH VALVE SLOAN LIGHT COMMERCIAL FD231-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"X 5" WITH 3/5 RADIAL PROOF SCREWS
P-6	FLOOR DRAIN	SLOAN LIGHT COMMERCIAL FD231-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"X 5" WITH 3/5 RADIAL PROOF SCREWS



SANITARY BULLNOSE & COVE BOTTOM CORNER INSTALLATION (EXPLODED)



SECTION "Y"

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TENDER WILFRID PARK

ENTRANCE SHOPPE & PUBLIC BATHROOMS FLOOR PLAN

NUMBER	TOTAL
42	83

GRAPHIC NUMBER
A-2.1



TYPE "A"

STEEL FLUSH DOOR WITH VINYL PREPARATION. SEE DETAIL
SPECIAL HARDWARE
DOOR CLOSER



TYPE 1

TYPE 2

DOOR SCHEDULE FOR BATHROOM AREA

MARK	OPENING	TYPE	FRAME	COMMENTS	HARDWARE SET NUMBER
				SEE DOOR AND WINDOW SCHEDULE	

DOOR NOTES:

1.- CONTRACTOR SHALL SUBMIT HARDWARE SCHEDULE WITH THE HARDWARE SUBMITTAL FOR ARCHITECT'S APPROVAL.

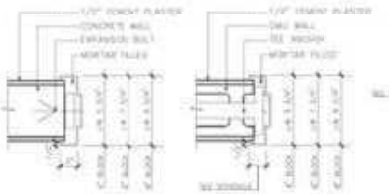
2.- FOR HARDWARE TYPE IN ALL BUILDINGS, SEE TECHNICAL SPECIFICATIONS, SECTION 08-71-00.

WINDOW SCHEDULE FOR BATHROOM AREA

MARK	OPENING	TYPE	FRAME	GRADE
A				
B		LOUVER		

NOTES:

1. WINDOWS TYPE 1 WILL BE SECURITY WINDOWS WITH INTEGRATED HURRICANE SHUTTERS WITH 2" SLATS, ASSEMBLED WITH STAINLESS STEEL SCREWS. WINDOW POWDER PAINT COLOR TO BE SELECTED BY ARCHITECT. MUST BE COMPLY WITH MIAMI-DADE NOA CERTIFICATION.



METAL JAMB DETAIL



METAL HEAD DETAIL

HERNANDEZ-RAMOS
PSC, ARCHITECTS

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PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TENDER MILENIO PARK

DRAWING NAME
PUBLIC BATHROOM DOOR AND WINDOW SCHEDULE AND DETAILS

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED

DATE

PROJECT NO.

JOB | SHT.

NUMBER 43 | TOTAL 83

DRAWING NUMBER
A-3.0

STRUCTURAL NOTES :

GENERAL:

1- UNLESS OTHERWISE INDICATED, THESE NOTES APPLY TO ALL STRUCTURAL DRAWINGS OF THIS SET OF PLANS.

2- IN CASE OF DISCREPANCY BETWEEN THESE NOTES AND THE CONSTRUCTION DRAWINGS, SPECIFICATIONS OR ANY REFERRED STANDARDS, THE MORE RESTRICTIVE PROVISION SHALL APPLY.

3- STRUCTURAL DRAWINGS SHALL BE COORDINATED AND SUPPLEMENTED BY ARCHITECTURAL, ELECTRICAL, MECHANICAL AND ANY OTHER BUILDING DRAWINGS.

4- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND BEFORE ORDERING ANY MATERIAL. DIFFERENCES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF ENGINEER AND NO ACTION SHALL BE TAKEN UNTIL APPROVED BY ENGINEER.

5- CONTRACTOR SHALL SUBMIT FOR APPROVAL ANY DETAIL OR OMISSION THAT IS OMITTED OR NOT SPECIFICALLY SHOWN ON PLANS.

6- CONTRACTOR SHALL PROTECT ALL PROPERTY FROM DAMAGE. ANY DAMAGED PROPERTY SHALL BE PROMPTLY REPLACED BY EQUAL AND/OR BETTER QUALITY.

7- ALL CONSTRUCTION, DEMOLITION AND / OR EXCAVATION WORK SHALL BE PERFORMED IN SUCH A WAY AS NOT TO IMPAIR THE SAFETY OF ADJOINING EXISTING STRUCTURES.

8- ALL SOIL BELOW NEW FOOTINGS SHALL BE COMPACTED IN 8 INCHES THICK LAYERS AND EACH LAYER SHALL BE COMPACTED TO 95 % OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM SPECIFICATION D-1557) (IF APPLICABLE FOR THIS PROJECT)

9- QUALITY OF FILL MATERIAL SHALL BE SUBMITTED TO OWNER FOR APPROVAL.

REINFORCED CONCRETE:

1- ALL AGGREGATES SHALL COMPLY WITH ASTM SPECIFICATION C-33, CONCRETE SHALL COMPLY WITH ASTM SPECIFICATION C-150. MAXIMUM SIZE OF COARSE AGGREGATES SHALL BE 3/4 INCH. MANUFACTURED AGGREGATES FROM WATER SOLUBLE MATERIALS ALL BE PERMITTED.

2- FORM WORKS SHALL BE CONSTRUCTED SO THAT THE CONCRETE SURFACES WILL CONFORM TO THE TOLERANCE LIMITS SET FORTH IN CHAPTER 4 OF THE "SPECIFICATIONS FOR STRUCTURAL MEMBERS FOR BUILDINGS" (ACI 301).

3- ALL DIMENSIONS SHOWN ARE STRUCTURAL AND DO NOT INCLUDE THICKNESS OF PLASTER OR ANY OTHER CONCRETE FINISH.

4- CONSTRUCTION LOADS SHALL NOT BE SUPPORTED ON OR ANY SHORING REMOVED FROM ANY PART OF THE STRUCTURE UNDER CONSTRUCTION EXCEPT THAT PORTION OF THE STRUCTURE IN COMBINATION WITH THE REMAINING FORMING AND SHORING SYSTEM HAS SUFFICIENT STRENGTH TO SUPPORT SAFELY ITS WEIGHT AND LOADS PLACED THEREON. THE FOR REMOVING CONCRETE FORMS AND SHORING IN BEAMS, SLABS AND STAIRWAYS SHALL BE TWO WEEKS FOR WALLS 5 DAYS.

5- PROVIDE A POLYETHYLENE VAPOR BARRIER MEMBRANE UNDER ALL CONCRETE POURED AGAINST THE SOIL, UNLESS OTHERWISE INDICATED ON PLANS. VAPOR BARRIER SHALL BE EQUAL OR SIMILAR TO CRYSTALYN TYPE I-10. (IF APPLICABLE FOR THIS PROJECT)

6- REINFORCING BARS BE GRADE 60 HIGH STRENGTH DEFORMED NEW BILLET STEEL MEETING ASTM SPECIFICATION A-615 (A 615)

7- UNLESS OTHERWISE SHOWN, MINIMUM REBAR SPLICE BE 24 NOS. FOR #3 BARS, 30 INCH. FOR #4 BARS, 36 INCH. FOR #5 BARS, 45 INCH FOR #6 BARS, 63 INCH FOR #7 BARS, 72 INCH. FOR #8 BARS, 80 INCH. FOR #9 BARS.

8- NO REBAR SPICE SHALL BE MADE AT OR NEAR REGIONS OF MAXIMUM STRESS AND NO MORE THAN 50 % OF REBARS SHALL BE SPLICED AT ANY LOCATION.

9- CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318 LATEST), INCLUDING SUPPLEMENTS, AND SHALL COMPLY WITH ALL LOCAL LAWS AND ORDINANCES WHERE CONFLICTING REQUIREMENTS OCCUR, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

10- CONCRETE DESIGN IS BASED ON THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318 LATEST), INCLUDING SUPPLEMENT

11- REFERENCE SPECIFICATION AND CODES:
(A) LIGHTWEIGHT PER NO. (CODE) (IF APPLICABLE FOR THIS PROJECT)
(B) CAST-IN PLACE CONCRETE SPEC NO. 03 300

12- ALL CONCRETE SHALL BE NORMAL WEIGHT, UNLESS NOTED, HAVING A MINIMUM COMPRESSIVE STRENGTH OF F'C = 4,000 PSI AT 28 DAYS, WATER CEMENT RATIO MAXIMUM = 0.55. CONCRETE MIX DESIGN SHALL INCLUDE: CORROSION INHIBITOR & SHRINKAGE ADMIXTURES, MAXIMUM WATER SOLUBLE CHLORIDE ION CONTENT (CT)=0.10% BY WEIGHT. USE OF SLAG CEMENT IS APPROVED.

13- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 (Fy=60 KSI). CONTRACTOR SUPPLY ALL CERTIFICATES OF ALL STEEL MATERIALS. ALL STEEL BARS SHALL BE EPOXY COATED ACCORDING WITH ASTM A775 OR A934.

14- CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS:
- CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3" (IF APPLICABLE FOR THIS PROJECT)
- #6 BARS AND LARGER: 2"
- #5 BARS AND SMALLER: 1½"
- NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: SLAB AND WALLS: 1 1/2"
- BEAMS, GIRDERS, COLUMNS: 2"

15- (IF APPLICABLE FOR THIS PROJECT)
(A) DEPRESSED SLABS SHALL MAINTAIN FULL THICKNESS UNLESS NOTED SO. TYPICAL DETAILS.
(B) ALL DIMENSIONS AND LOCATIONS OF FLOOR DEPRESSIONS SHALL BE VERIFIED FROM ARCHITECTURAL DRAWINGS BEFORE PLACING SLABS.

16- CONTRACTION AND CONTRACTION JOINTS IN SLABS ON GRADE SHALL BE LOCATED AND CONSTRUCTED AS DETAILED ON THE DRAWINGS.

17- ALL SLEEVES, DUCTS AND OTHER EMBEDDED AND UNDER SLAB ITEMS SHALL BE SET BEFORE CONCRETE IS PLACED. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND WINDOW'S DRAWINGS FOR SIZES AND LOCATIONS.

18- ALL TOP BARS AT DISCONTINUOUS ENDS SHALL BE HOOKED.

19- ALL BAR SPLICES SHALL BE CLASS C LAP SPLICES, UNLESS NOTED.

20- ALL BEARING PLATES SHALL BE SET WITH NON-SHRINK GROUT.

21- ALL EXPOSED EXTERNAL CORNERS OF CONCRETE SHALL HAVE A 3/4" x 45 DEGREES CHAMFER, UNLESS NOTED.

22- SHOP DRAWINGS FOR REBARS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.

23- OPENINGS IN CONCRETE WALLS SHALL BE REINFORCED AROUND PERIMETER WITH 2 #5 AND EXTENDING 2'-0" BEYOND CORNERS.

24- ALL WALLS AND PEDESTALS SHALL BE PLACED MONOLITHICALLY.

25- ((IF APPLICABLE FOR THIS PROJECT)
(A) BACK FILLING AT FOUNDATION WALLS AND PEDESTALS SHALL BE PLACED SUCH THAT SYMMETRICAL LOADING SHALL BE MAINTAINED ON BOTH SIDES.
(B) WHERE DESIGN CONDITIONS REQUIRE BACK FILLING WITH SOIL TO UNEQUAL HEIGHTS, WALLS SHALL BE FIRMLY SHORED IN POSITION, AND SLOPES SHALL REMAIN UNTIL FLOORS ARE PLACED AND PROPERLY SET TO PROVIDE FULL SUPPORT.
(C) BACK FILLING AT CANTILEVER WALLS SHALL NOT BE STARTED UNTIL THE WALLS HAVE ATTAINED THEIR MINIMUM 28-DAY COMPRESSIVE STRENGTH.

26- ((IF APPLICABLE FOR THIS PROJECT) CONSTRUCTION JOINTS IN FOUNDATION WALL SHALL BE PLACED AT MID SPAN BETWEEN COLUMNS, BEAMS, OR SLABS, UNLESS NOTED.

27- ALL PIPE PENETRATIONS THROUGH FOUNDATION WALLS SHALL HAVE PIPE SLEEVES PROVIDED, WHICH SHALL BE SET BEFORE CONCRETE IS PLACED. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZES AND LOCATIONS.

28- WALLS, WHERE DOOR OPENINGS OCCUR, BARS SHALL EXTEND 2'-0" BEYOND EDGE OF OPENING. (IF APPLICABLE FOR THIS PROJECT)

29- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ANY REQUIRED NOTCHING, SHORING, OR BRACING OF EXISTING STRUCTURES.

30- ANY CONDITIONS WHICH REQUIRE UNDERPINNING SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, WHO WILL PROVIDE DESIGN/CONSTRUCTION DIRECTION TO THE CONTRACTOR.

31- FOUNDATION CONCRETE PADS SHALL INCLUDE SETTING OF COLUMN ANCHOR OR EXPANSIONS SUPPLIED BY THE STRUCTURAL STEEL CONTRACTOR.

32- ALL ELEVATIONS ARE GIVEN WITH RESPECT TO FINISH FIRST FLOOR DATUM ELEVATIONS (FFE: ((0'-0"))

33- IF BOTTOM OF ANY FOUNDATION IS NOT AT LEAST 2'-0" BELOW THE EXISTING GROUND ELEVATION, THE CONTRACTOR SHALL NOTIFY ENGINEER AND / OR SOIL CONSULTANT.

34- FOR STRUCTURAL EXCAVATION AND BACK FILL REQUIREMENTS SEE SOILS REPORT #5694-B DATED ON JANUARY 18 2022 MENTIONED IN NOTE NO. 14. (DOES NOT APPLY FOR THIS PROJECT)

35- SOIL WILL BE TREATED FOR TERMITES & INSECTS PRIOR TO CONCRETE POUR.

36- GENERAL CONTRACTOR SHALL BEWARE TO HAVE AT LEAST 2,000 PSF BEARING CAPACITY PRESENCE OF A "CONFED SOFT CHANNEL TRENCH IS RECOMMENDED DURING EARTHWORK BEFORE TO POUR CONCRETE FOOTING, SEE STUDY PREPARED BY LAW ENVIRONMENTAL CARIBE PROJECT # 20835-S-0243.

STRUCTURAL STEEL:

1- STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
STEEL TUBES ..... ASTM 500, GRADE B, F_y = 46 KSI
W SHAPES ..... A5 W 572, GRADE 50, F_y = 50 KSI
ANY OTHER MISCELLANEOUS STRUCTURAL STEEL ..... ASTM 836, F_y = 36 KSI

2- CONTRACTOR SHALL SUPPLY, ASSEMBLE AND CONSTRUCT ALL STEEL ELEMENTS CALLED FOR IN THE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL ALSO SUBMIT FOR APPROVAL SHOP DRAWINGS OF ALL STRUCTURAL STEEL, JOINT PLATES, INSERTS AND FITTINGS BEFORE ORDERING IT.

3- THE REVIEW OF SHOP DRAWINGS BY THE ENGINEER SHALL IN NO CASE RELIEVE CONTRACTOR OF RESPONSIBILITIES FOR ERRORS, OMISSIONS, FURNISHING OF UNSATISFACTORY MATERIAL AND ANY DEPARTURES ARISING DIRECTLY FROM A DEVIATION FROM PLANS AND SPECIFICATIONS BROUGHT BY THE CONTRACTOR IN THE SHOP DRAWINGS.

4- WELDED SPLICES OF STRUCTURAL SECTIONS MAY BE PERMITTED IF APPROVED BY ENGINEER. CONTRACTOR SHALL OBTAIN THE SECTIONS IN LENGTHS THAT WOULD MINIMIZE THE NUMBER OF SPLICES.

5- ALL WELD WORKS SHALL BE PERFORMED BY SKILLED AND PROPERLY CERTIFIED WELDER, BEARING THE PUERTO RICO WELDER BOARD LICENSE.

6- CONNECTIONS, WHEN NOT SHOWN ON PLANS, SHALL BE DESIGNED TO TRANSMIT THE MAXIMUM STRESS ALLOWED FOR THE CONNECTED MEMBERS.

7- THE ERECTION OF STRUCTURAL STEEL ELEMENTS SHALL STRICTLY FOLLOW SECTION 7 OF THE AISC "CODE OF STANDARD PRACTICE".

8- DIMENSIONS OF STRUCTURAL STEEL ELEMENTS SHALL BE WITHIN THE DIMENSIONAL TOLERANCES SET FORTH IN SECTION 6.2 OF THE CODE OF STANDARD PRACTICE OF THE AISC MANUAL OF STEEL CONSTRUCTION.

9- NO LOADS SHALL BE PLACED OVER ANY STEEL STRUCTURE UNTIL ALL STUDS, PURLINS, BEAMS, STEEL JOIST AND COLUMNS ARE PROPERLY BRACED.

10- ENGINEERED COATING AND PAINTING FOR STEEL TOWERS, SEE PAINT SPECIFICATIONS PREPARED BY ARCHITECT OF RECORD CONSULTANT (FLORIDA PROTECTIVE CONSULTANTS INC.)

11- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION 14th EDITION AND IBC CODE, LATEST.

12- MATERIAL SHALL MEET THE REQUIREMENTS OF THE FOLLOWING (UNO):
ALL STRUCTURAL STEEL SHALL BE U.S. MADE
STRUCTURAL STEEL – STRUCTURAL SHAPES & ST2-GRADE 50
HIGH STRENGTH BOLTS – 3/4" DIA. MIN. ASTM A325N
WELDING – LOW HYDROGEN ELECTRODES FOR ANY 60 KSI PSI SPICES
STEEL PLATES – ASTM A-36

13- ALL SHOP CONNECTIONS SHALL BE MADE WITH WELDS OR HIGH STRENGTH BOLTS. ALL FIELD CONNECTIONS SHALL BE BOLTED, STANDARD FRAMED CONNECTION UNLESS ALL LOADS ARE SHOWN IN TABLE 1 PART 4 OF AISC MANUAL OF STEEL CONSTRUCTION SHALL BE USED AS BEAMS SHALL ACCEPT MINIMUM NUMBER OF ROWS OF BOLTS FOR BEAM DEPTH.

14- ALL WELDING SHALL CONFORM TO THE CURRENT SPECIFICATIONS OF THE AMERICAN WELDING SOCIETY, AND SHALL COMPLY WITH ALL LOCAL LAWS AND ORDINANCES. WELDING ELECTRODES SHALL BE E-70 SERIES.

15- CONNECTIONS:
(A) ALL CONNECTIONS SHALL BE FRAMED BEAM CONNECTION CONFORMING TO THE REQUIREMENTS OF PART 4 OF THE AISC MANUAL, TABLE 1 & II UNLESS OTHERWISE NOTED.
(B) ALL BOLTED CONNECTIONS SHALL BE MADE WITH HIGH STRENGTH BOLTS, UNLESS OTHERWISE NOTED. CONNECTIONS SHALL BE "BEARING TYPE" WITH ALLOWABLE STRESS ON BOLTS BASED ON THREADS INCLUDED IN THE SHEAR PLANE.
(C) ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO PROVIDE AT LEAST THE MINIMUM TENSION SHOWN IN TABLE 5, FASTENER TENSION, OF THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325, UNLESS NOTED. (SLIP-CRITICAL CONNECTIONS WILL NOT BE PERMITTED UNLESS SHOWN ON THE DRAWINGS).

16- THE CONTRACTOR SHALL SUPPLY ALL TEMPORARY BRACING REQUIRED TO MAINTAIN PLUMBNESS AND STABILITY DURING ERECTION. BRACING SHALL NOT BE REMOVED UNTIL ALL PERMANENT BRACING HAS BEEN INSTALLED, ALL WELDING HAS BEEN COMPLETED, ALL BOLTS HAVE BEEN PROPERLY TIGHTENED, AND TOP SUPPORTING ROOF DECK AND CONCRETE FLOOR SLAB HAVE BEEN PROPERLY PLACED.

17- NO OPENINGS SHALL BE CUT IN STRUCTURAL MEMBERS UNLESS SHOWN ON THE DRAWINGS, OR APPROVAL IS RECEIVED FROM THE ENGINEER.

18- ALL ELEVATIONS ARE GIVEN WITH RESPECT TO FINISH FIRST FLOOR DATUM ELEVATION (FFE: ((0'-0"))

19- PROVISIONS FOR DETAILS NOT SPECIFICALLY SHOWN SHALL BE MADE BY THE CONTRACTOR IN ACCORDANCE WITH SPECIFICATIONS AND EXAMPLES WITH THE DESIGNER.

20- MINIMUM METAL THICKNESS FOR ALL CONNECTIONS, STIFFENER PLATES ETC., SHALL BE 1/8".

21- WORKING POINTS FOR VERTICAL BRACING SHALL BE AT INTERSECTION OF CENTERLINE OF COLUMN AND CENTERLINE OF BEAMS (U.N.O.) ON DWGS.

22- STAIRWAY AND PLATFORMS SHALL COMPLY WITH THE DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH STANDARDS AND ALL APPLICABLE LOCAL AND STATE CODES.

23- ONETIME WITH APPLICABLE, SHALL BE ALL WELDED OPEN CONSTRUCTION WITH 1 1/4" x 3/16" BEARING BARS (BB.1 3/16" O.C. (U.N.O.). GRATING SHALL BE SECURED TO SUPPORTING MEMBERS WITH SAE((CLIPS. PROVIDE 2" CLEARANCE AROUND ALL EQUIPMENT, TANKS, ETC., THAT PENETRATE GRATING + (DOES, BAND ALL GRATING OPENINGS 4" AND LARGER WITH 1/4" x 1 1/4" PLATE WELDED TO GRATING AND EXTENDING 4" ABOVE TOP SURFACES OF GRATING.

24- HANDRAILS SHALL BE STAINLESS STEEL UNLESS OTHERWISE SPECIFIED ((1 1/2" NOMINAL DIA. STANDARD STAINLESS STEEL PIPE, WITH 90 DETAILS IN ARCHITECTURAL DRAWINGS. (DOES NOT APPLY FOR THIS PROJECT)

25- GROUT SHALL BE NON-SHRINK, NON-METALLIC, SAG GROUT BY SIKA CORP. OR APPROVED FOR PURPOSE REQUESTED. ALT. SHALL APPROVE TYPE PRIOR TO USE.

26- FLOOR PLATE SHALL BE 3/8" CKD PLATE, PAINTED AND SHALL BE ATTACHED TO SUPPORTING STEEL BY 3/16" FILLET WELDS 1 1/2" AT 12" O.C. GAP BETWEEN PLATES SHALL NOT EXCEED 1/4" ALL JOINTS OUTSIDE STRUCTURAL SUPPORTS SHALL HAVE BACKING PLATES.

27- STEEL STUDS SHALL BE INSTALLED WITH AUTOMATIC STUD WELDING MACHINE.

28- WIND LOAD:
a) BASIC WIND VELOCITY – 156 MPH AS PER PUERTO RICO BUILDING CODE 2018
b) EXPOSURE CATEGORY – "C"
c) RISK CATEGORY – I
d) WIND DIRECTIONALITY FACTOR K_d – 0.9
e) TOPOGRAPHIC FACTOR K_{zt} – 1.0

SEISMIC LOADS:
SHORT PERIOD ACCELERATION COEF (Ss)=0.985(g)
1-SECOND PERIOD ACCELERATION COEF (S1)=0.395(g)
RISK CATEGORY=I
SOIL PROFILE="E"

29- GENERAL CONTRACTOR SHALL SUBMIT WELDERS CERTIFICATIONS FOR STEEL WELDING AND ALUMINUM WELDING WORKS.

30- METAL FABRICATOR CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL AND ((TEST OF RECORD MAY REQUIRE MOCK-UP OR SAMPLES OF FINAL FINISH OF PLATES ATTACHED TO STEEL WORKS BEFORE TO START SKIN INSTALLATION.

CODES:

AMERICAN CONCRETE INSTITUTE, ACI 318 – LATEST EDITION
AMERICAN INSTITUTE OF STEEL CONSTRUCTION, LRFD LATEST EDITION
PUERTO RICO BUILDING CODE – 2018

ABBREVIATIONS:

ADD	ADDITIONAL	FFE	FINISH FLOOR ELEVATION
B	BOTTOM	FT	FEET
C & C	JOINT WHERE	GALV	GALVANIZED
CLR	CLEAR	HSS	HOLLOW STEEL SECTION
COL	COLUMN	LL	LONG
CONC	CONCRETE	LWT	LIGHT WEIGHT
CONST	CONSTRUCTION	MAX	MAXIMUM
CONT	CONTINUOUS	MECH	MECHANICAL
CS	CARBON STEEL	REINF	REINFORCEMENT
DIA	DIAMETER	SPECS	SPECIFICATIONS
DWG	DRAWING	SS	STAINLESS STEEL
E	EACH	STD	STANDARD
E	EACH END	T	TOP
EL	ELEVATION	SUP	SUPPLEMENTARY
FBS	FOOTING BOTTOM ELEVATION	TYP	TYPICAL
		U.N.O.	UNLESS NOTED OTHERWISE

OCT-30-2023

HERNANDEZ-SAUZA PSC, ARCHITECTS

PROJECT:
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER BELLAS PLAZA

DRAWING NAME:
STRUCTURAL NOTES

COMPUTER PLOT:

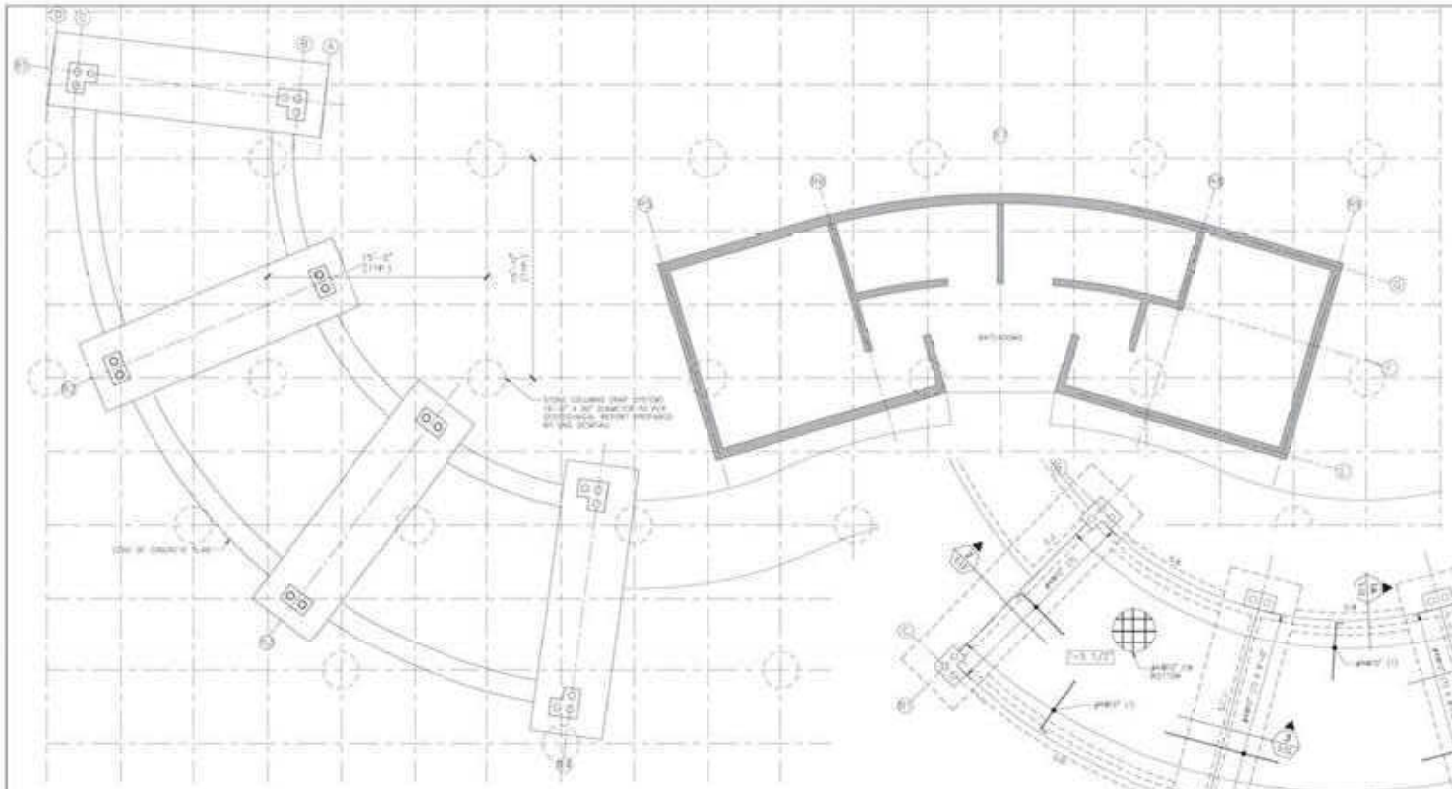
NO.	DATE	REVISION	BY	APPROVED

PROJECT

WORKING SPECIFICATION BY
LBS LBS

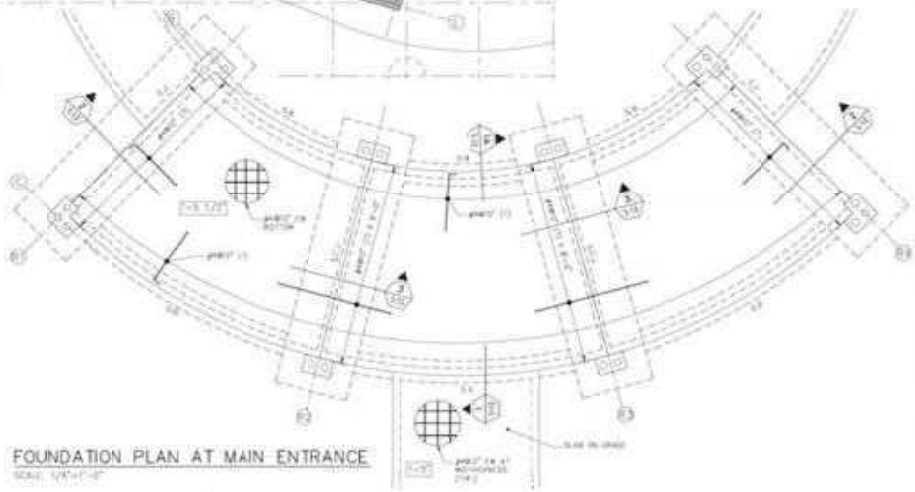
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TOTAL: 83

DRAWING NUMBER
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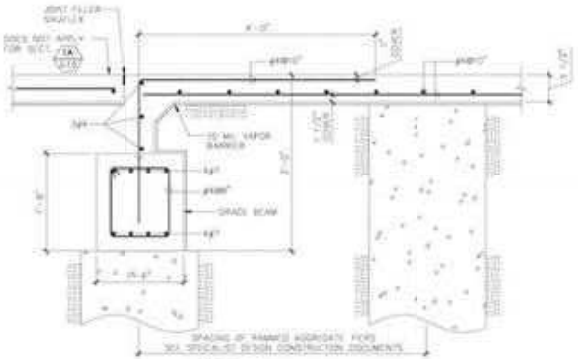
RAMMED AGGREGATE PIERS LAYOUT & PARTIAL FOUNDATION PLAN AT MAIN ENTRANCE AND BATHROOMS

SCALE: 1/4"=1'-0"



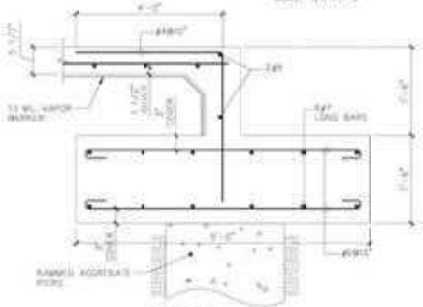
FOUNDATION PLAN AT MAIN ENTRANCE

SCALE: 1/4"=1'-0"



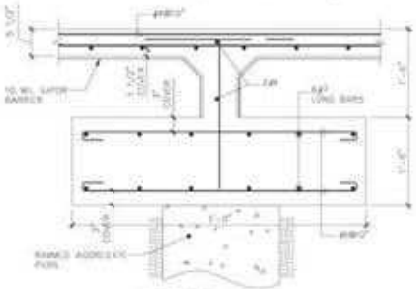
SECTION

SCALE: 1"=1'-0"



SECTION

SCALE: 1"=1'-0"



SECTION

SCALE: 1"=1'-0"

OCT-30-2023

HERNANDEZ-SAUZA PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MISSU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SQUARE PARK AND IMPROVEMENTS OF TOMAS MELENDEZ PARK

FOUNDATION PLAN AND DETAILS

PROJECT NO.

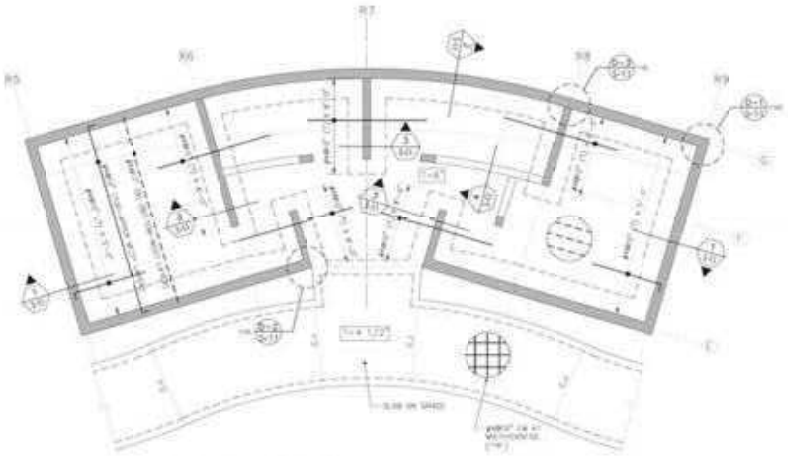
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LDG LDB

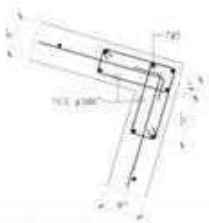
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TOTAL 83

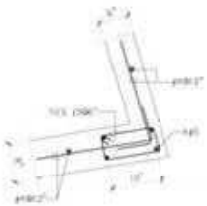
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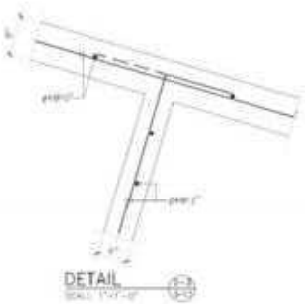
BATHROOMS FOUNDATION PLAN



CORNER WALL
REINFORCEMENT DETAIL



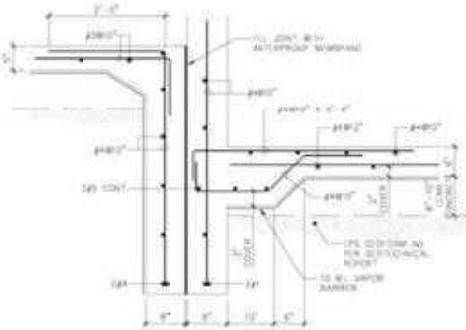
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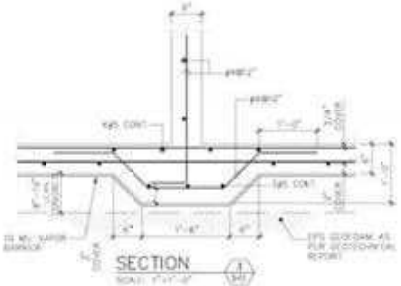
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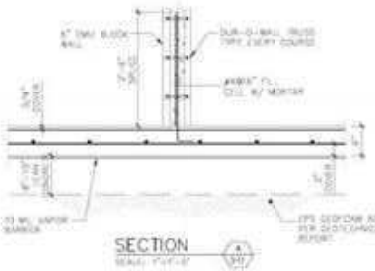
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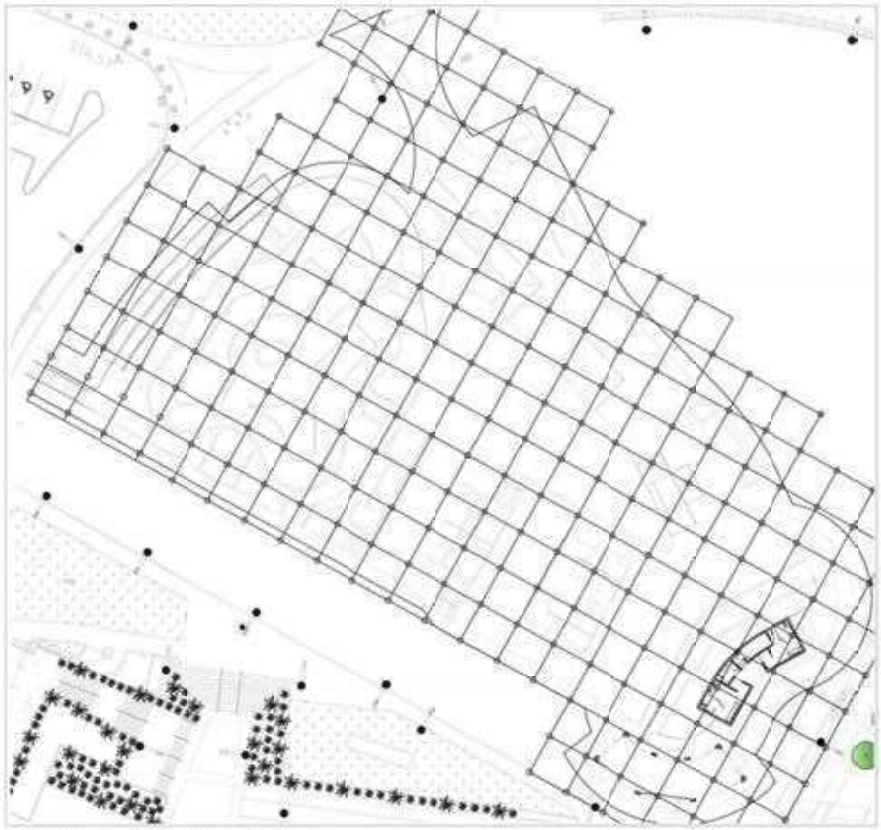
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SECTION



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RAMMED AGGREGATE PIERS PLAN

OCT-30-2023

HERNANDEZ-SAUZA
PSC, ARCHITECTS

COPY OF URBAN DESIGN AND PROJECT DEVELOPMENT, MANU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TORICO MILENIO PARK

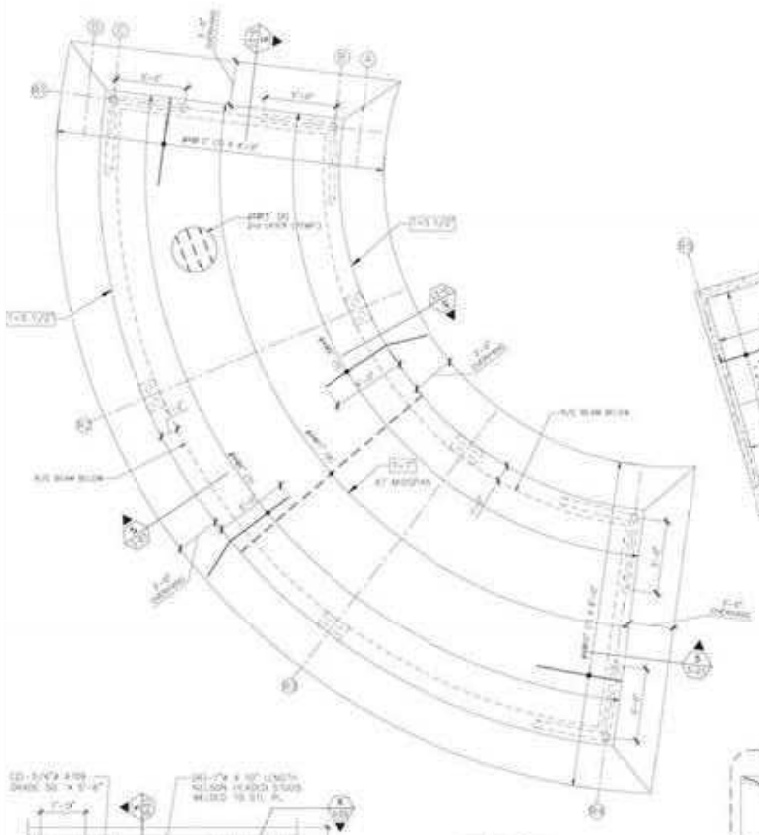
FOUNDATION DETAILS

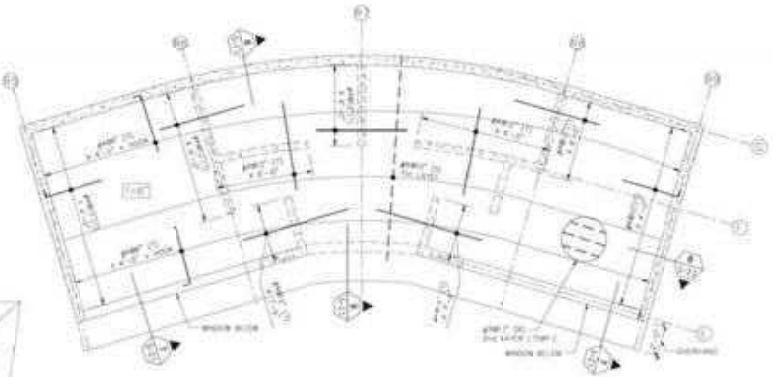
COMPUTER PLOT

DRAWING SCALE (1/2" SHEET)
1:50 1:25

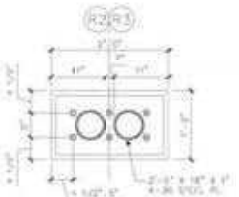
NUMBER 46 | TOTAL 83

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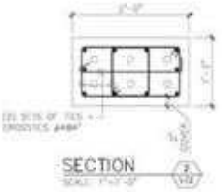




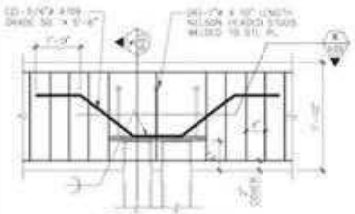
ROOF STRUCTURAL PLAN MAIN ENTRANCE AND BATHROOMS



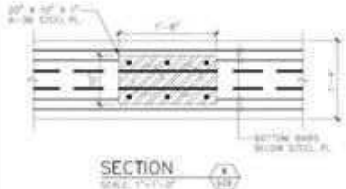
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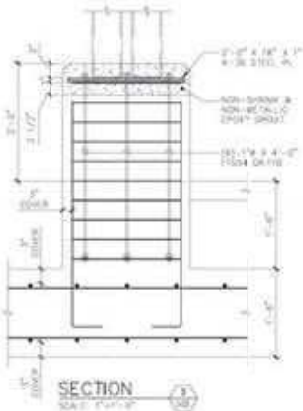
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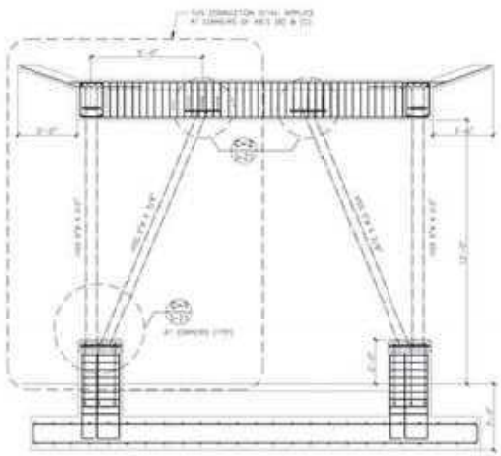
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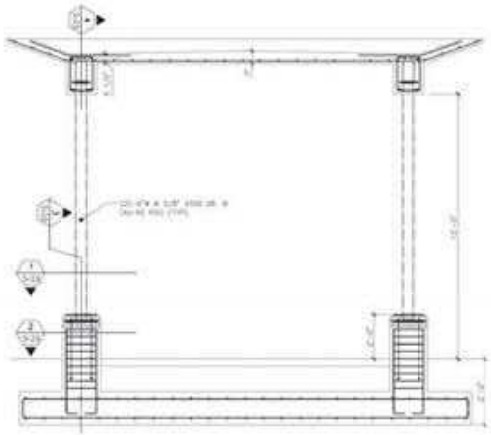
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SECTION



FRAME ELEVATION FOR AXES (R1) & (R4)



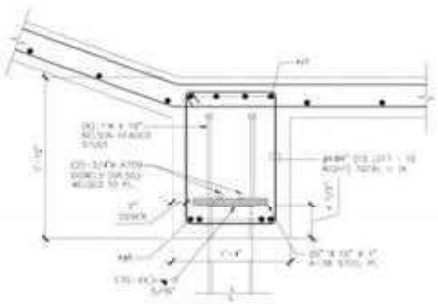
FRAME ELEVATION FOR INTERIOR AXES (R2) & (R3)

OCT-30-2023

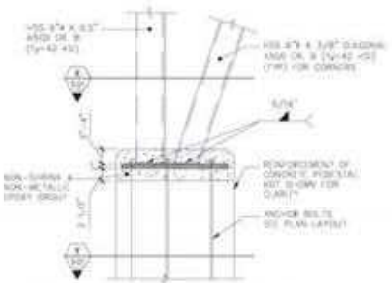
HERNANDEZ-SAUZA PSC, ARCHITECTS

ROOF STRUCTURAL PLAN AND DETAILS

S-2.0

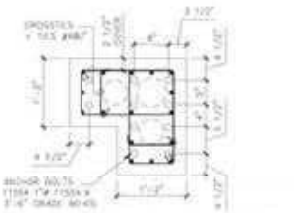


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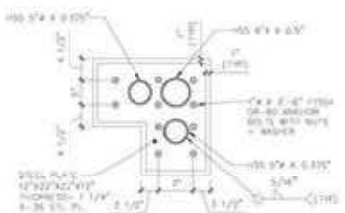
CONNECTION MKD' AS (C-1)

SECTION



CORNER CONCRETE PEDESTAL

SECTION

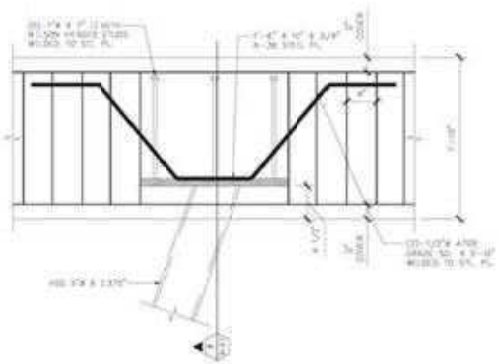


CORNER BASE PLATE

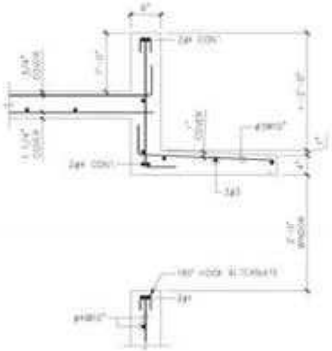
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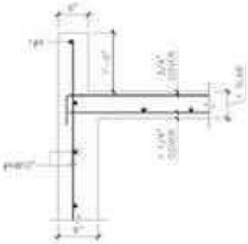
ANCHOR BOLT DETAIL



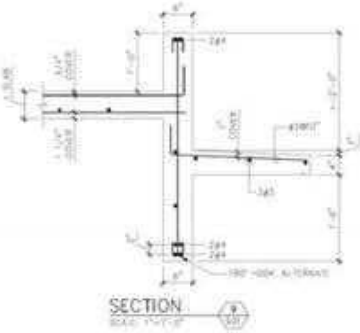
CONNECTION MKD' AS (C-2)



SECTION



SECTION



SECTION

OCT-30-2023

HERNANDEZ-SAUZA PSC, ARCHITECTS

CITY OF HERNANDEZ DE SAUZA

CONSULTANTS SEAL

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MMSU

OWNER: AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT: ESCAMIROM SKATEPARK AND IMPROVEMENTS OF TERESITA MELENDEZ PARK

DRAWING NAME: ROOF STRUCTURAL DETAILS

COMPUTER PLOT:

NO.	DATE	REVISION	BY	APPROVED

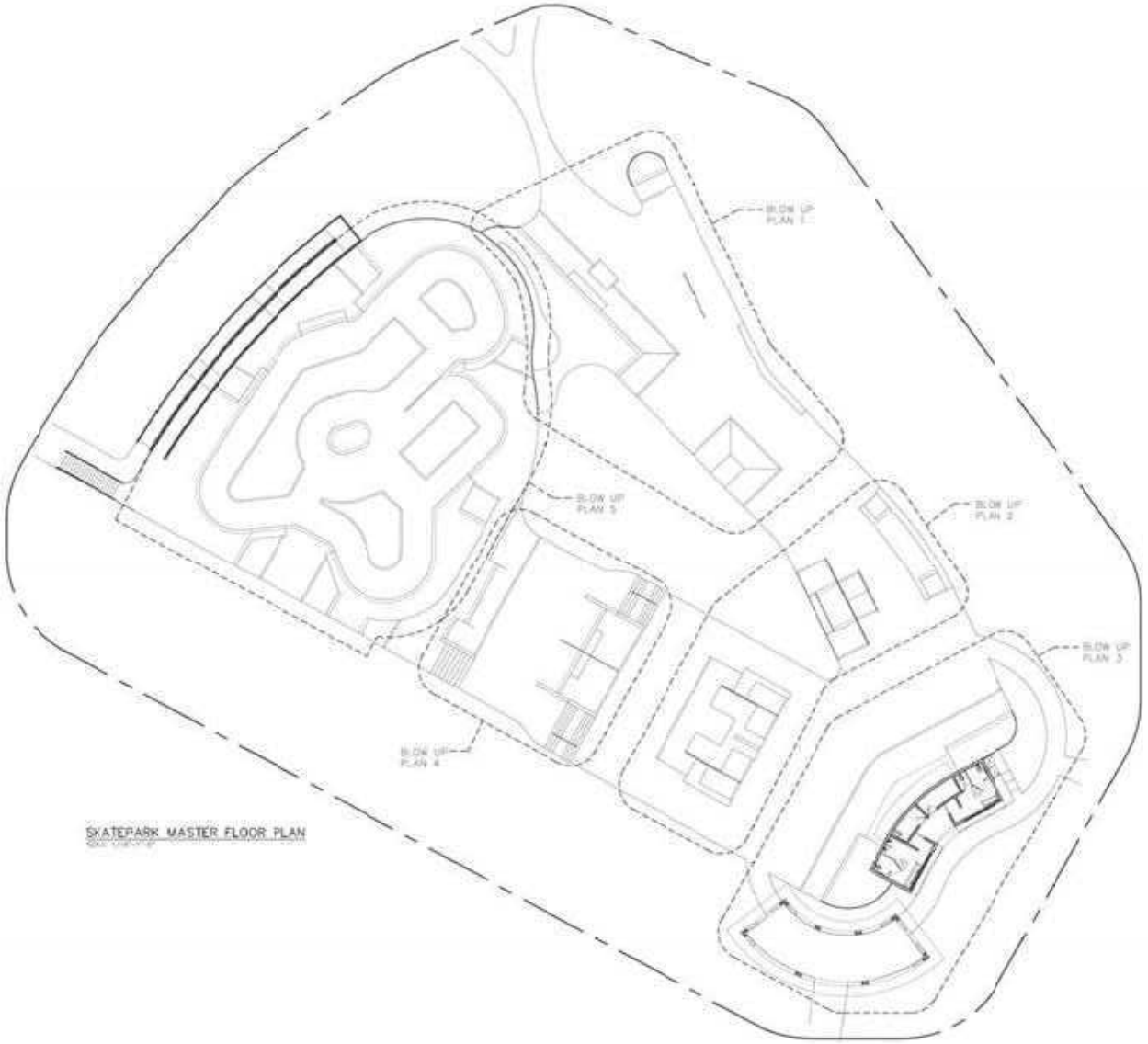
PROJECT NO.

DRAWING SPECIFICATION NO.

LDG LDS

NUMBER	TOTAL
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DRAWING NUMBER: S-2.1



SKATEPARK MASTER FLOOR PLAN

OCT-30-2023

HERNANDEZ-BAUTA PSC, ARCHITECTS

CESAR HERNANDEZ DE SOUZA ARCHITECT

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSJU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

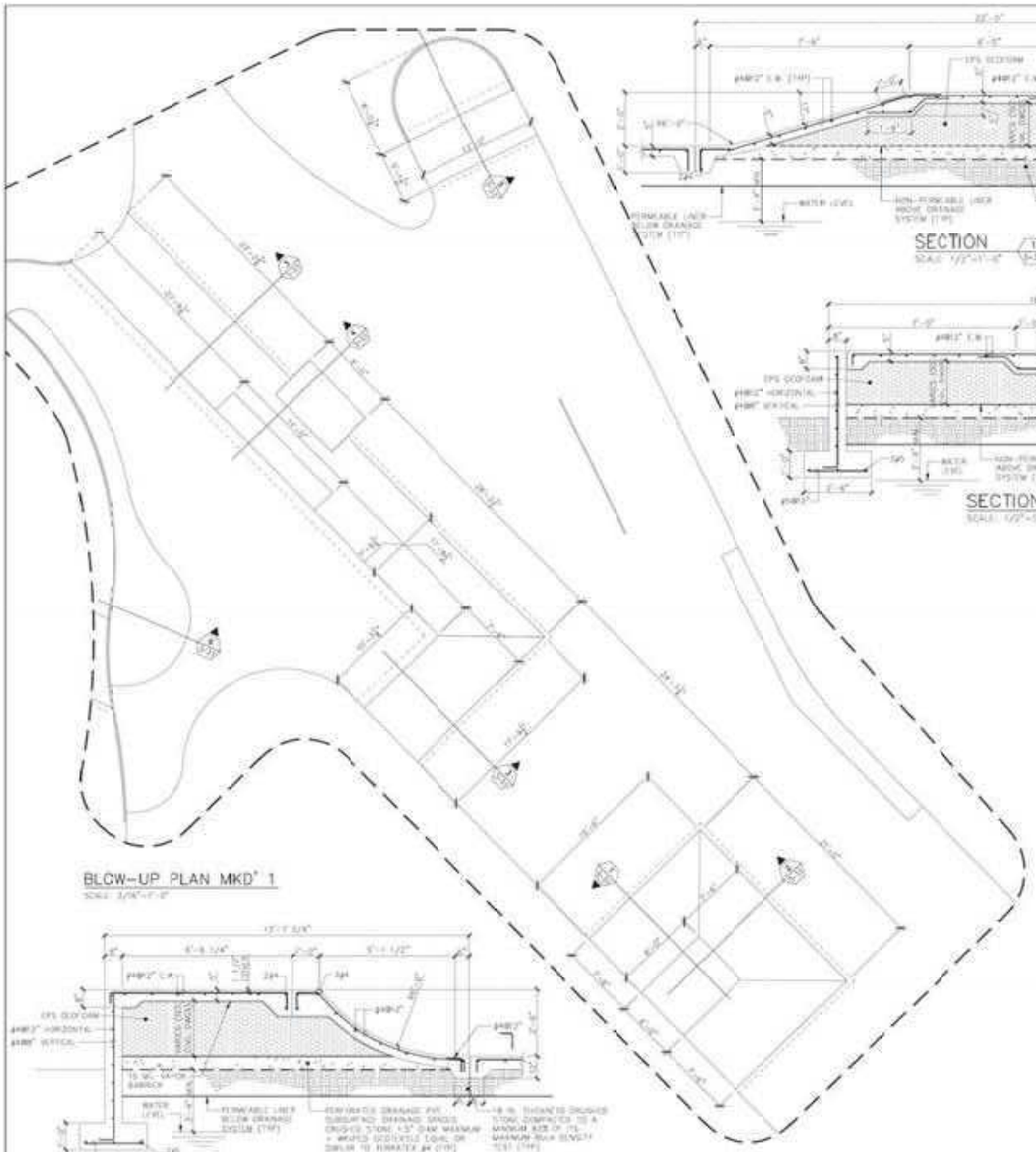
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

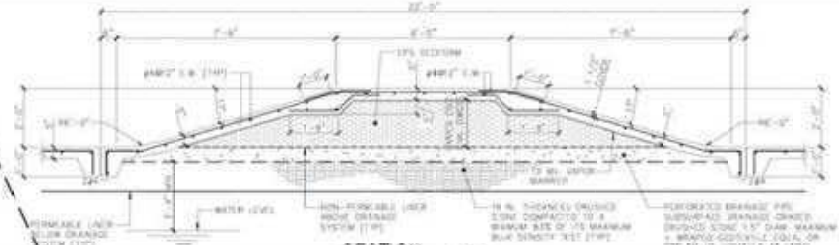
SKATEPARK MASTER FLOOR PLAN

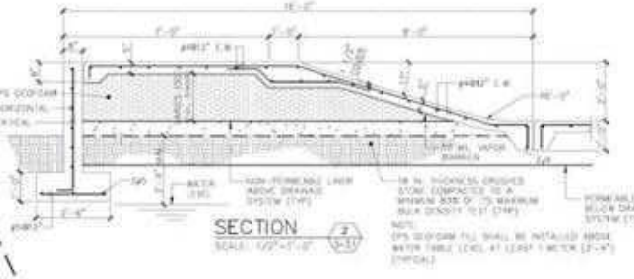
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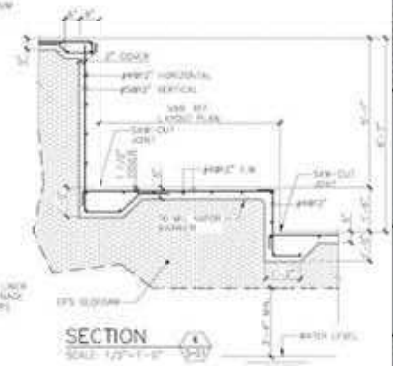
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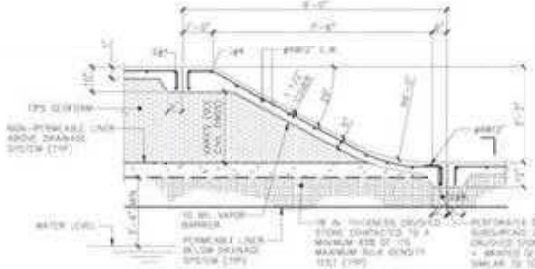
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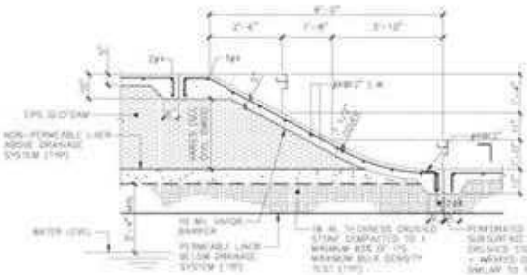


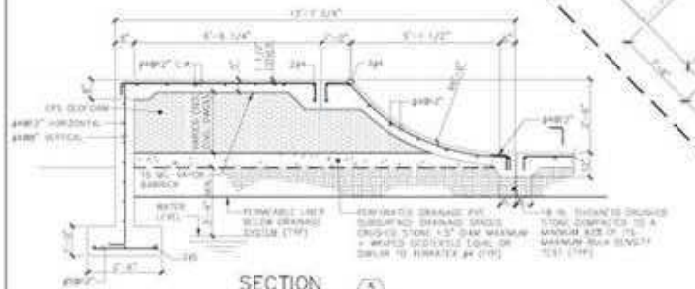












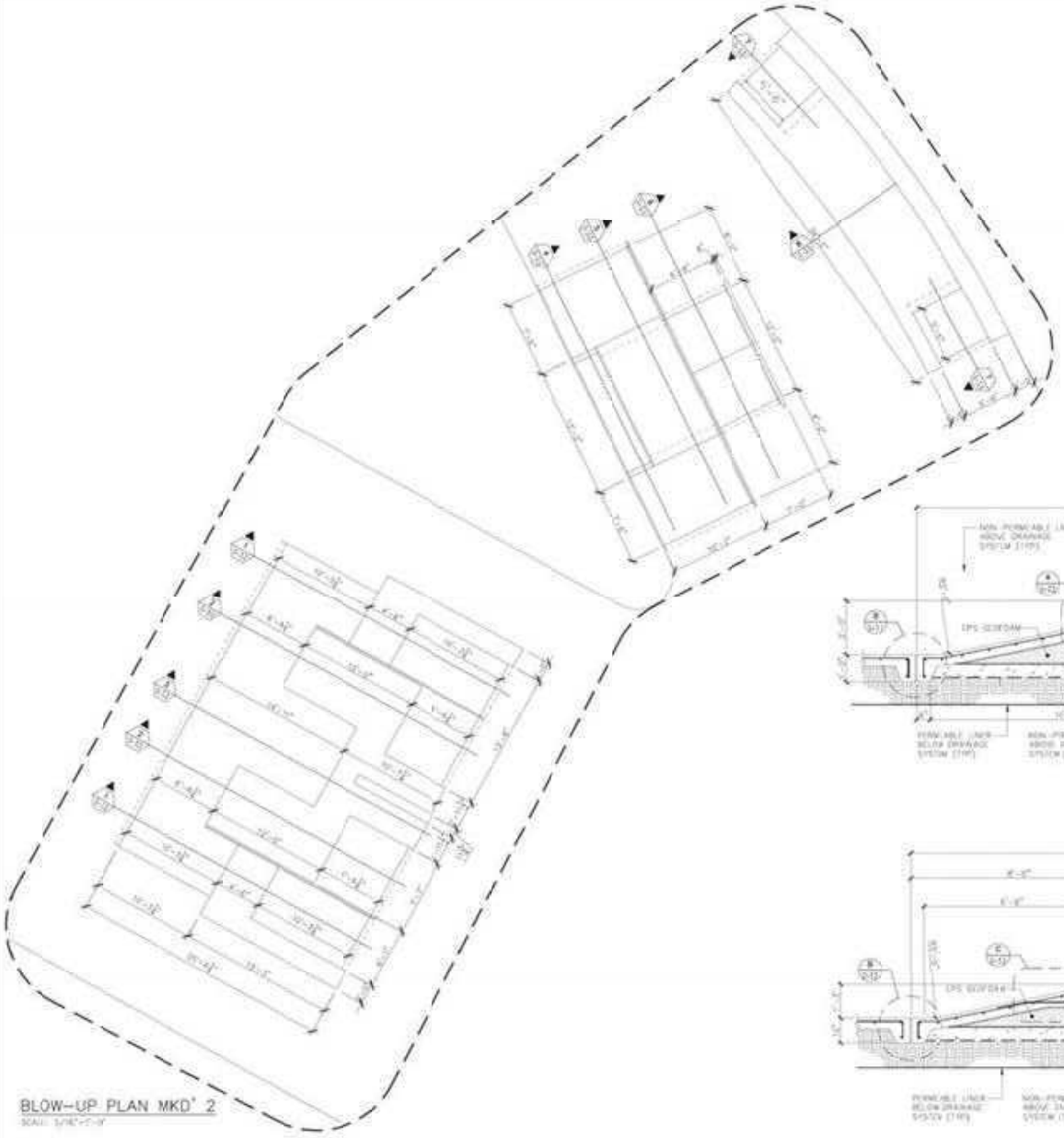
OCT-30-2023

HERNANDEZ-BAUTA PSC, ARCHITECTS

SKATE PARK BLOW-UP 1

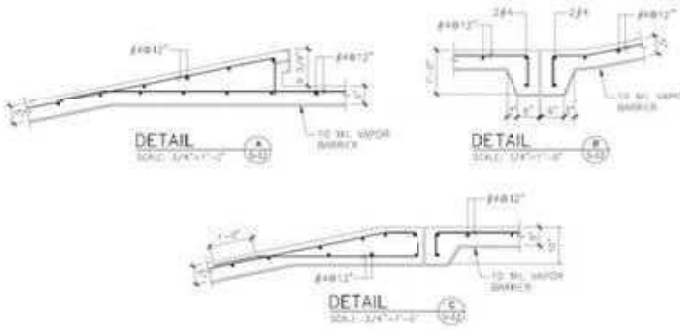
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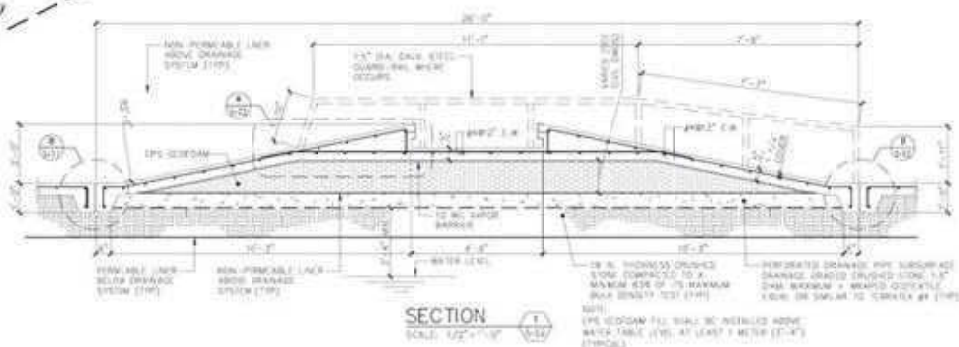
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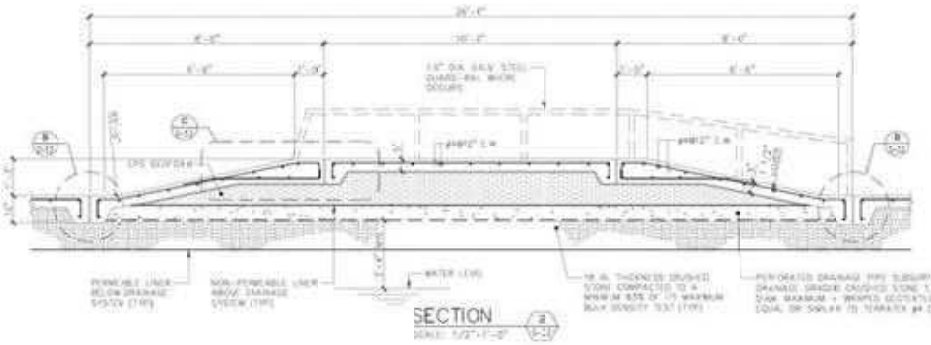


BLOW-UP PLAN MKD' 2

SCALE: 3/16"=1'-0"







OC1-30-2023

HERNANDEZ-BAUTA PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSJU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

SKATE PARK BLOW-UP 2

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED

PROJECT NO.

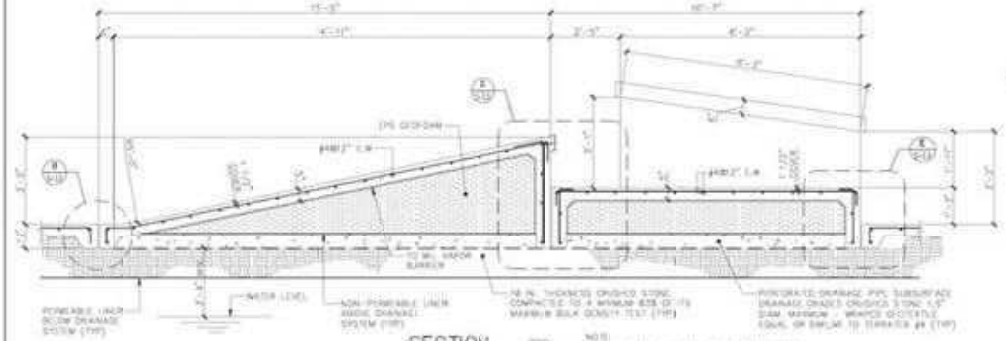
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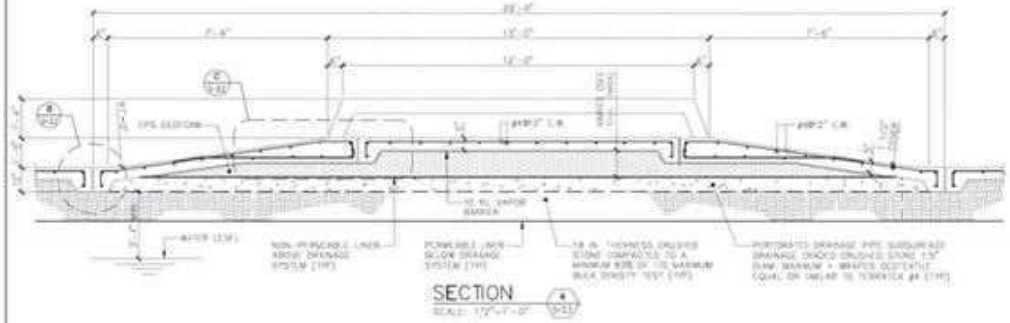
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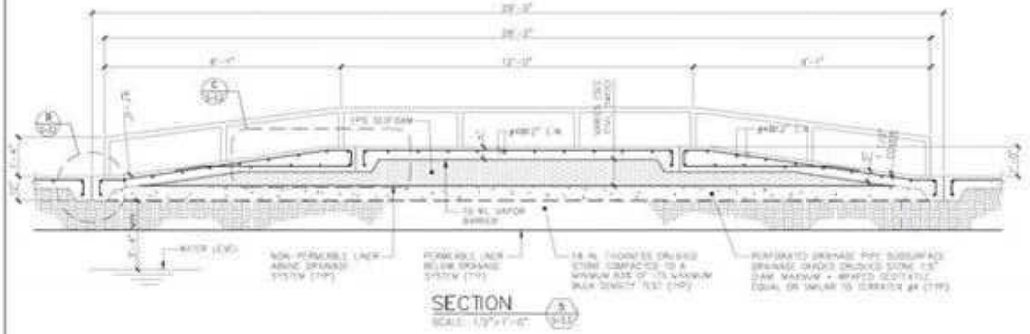
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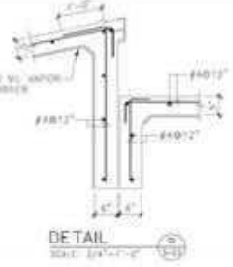
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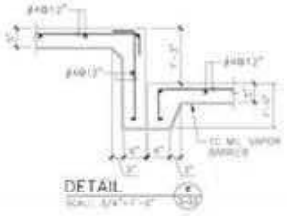
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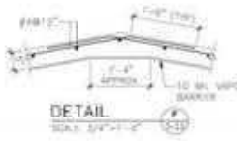


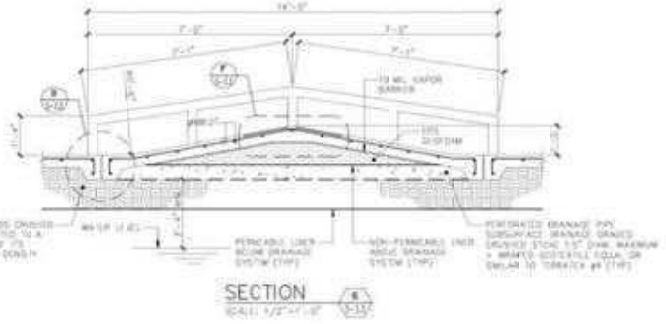


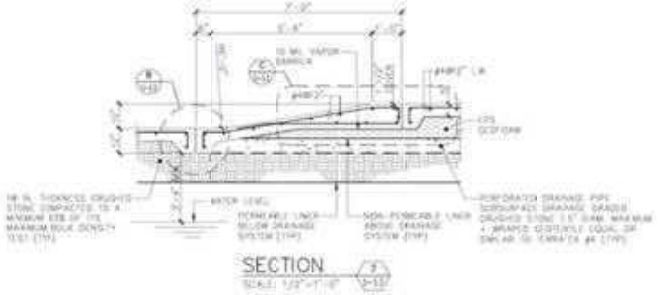


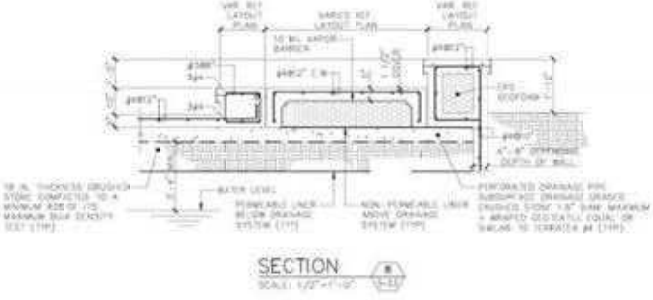












OCT-30-2023

HERNANDEZ-BAUTA PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSJU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

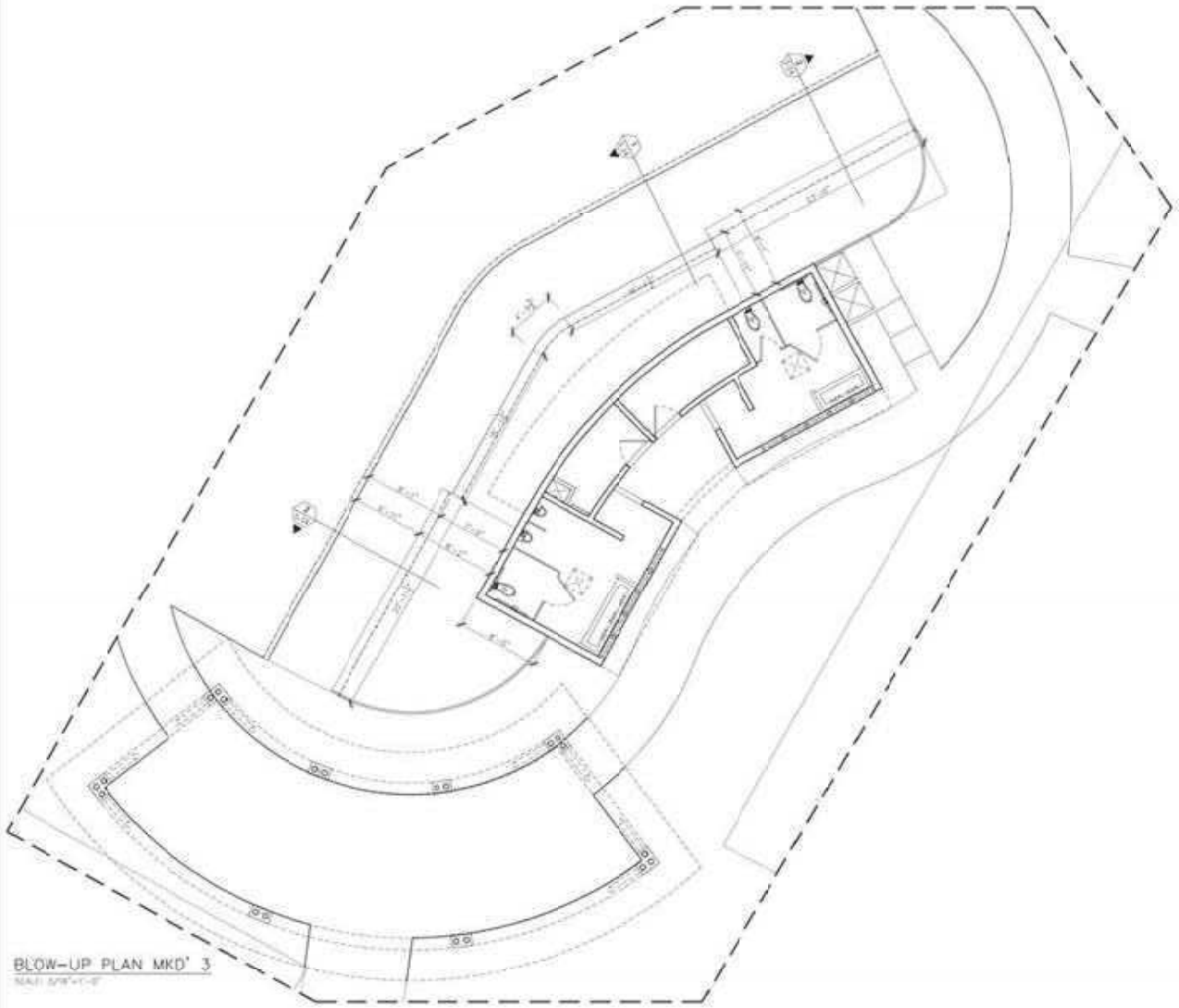
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

SKATE PARK SLOW-UP 2

LSE LSE

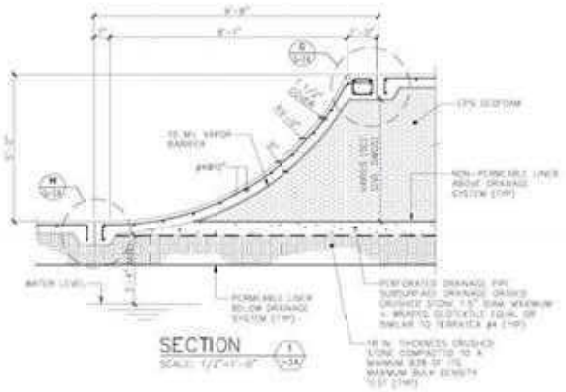
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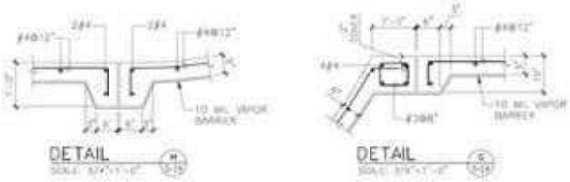


BLOW-UP PLAN MKD' 3

SCALE: 3/16"=1'-0"

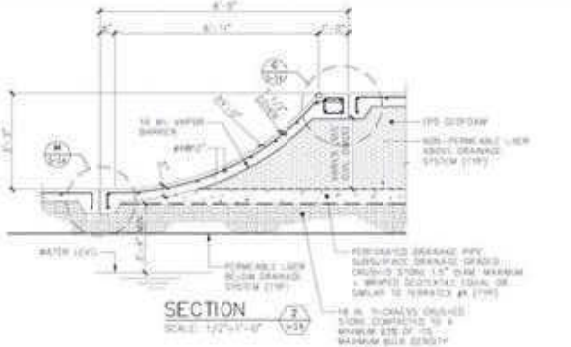


SECTION



DETAIL

DETAIL



SECTION

OCT-30-2023

HERNANDEZ-BAUTA PSC, ARCHITECTS

OFFICE OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSJU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

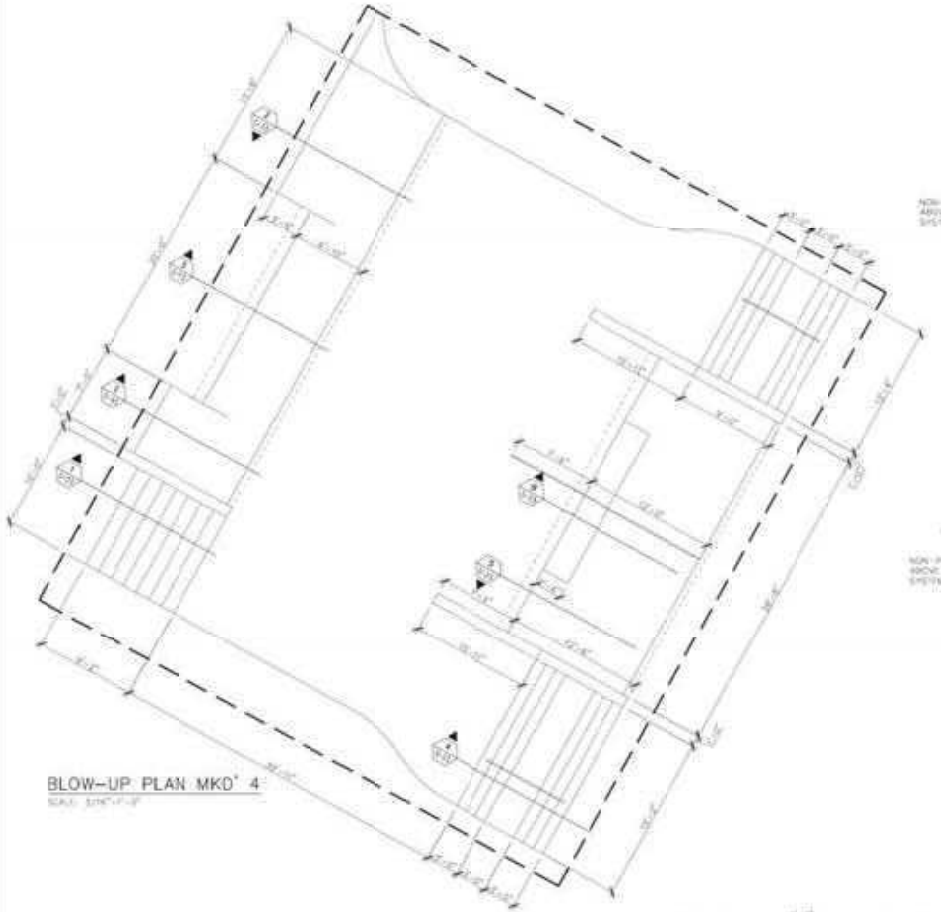
SKATE PARK BLOW-UP 3

COMPUTER PLOT

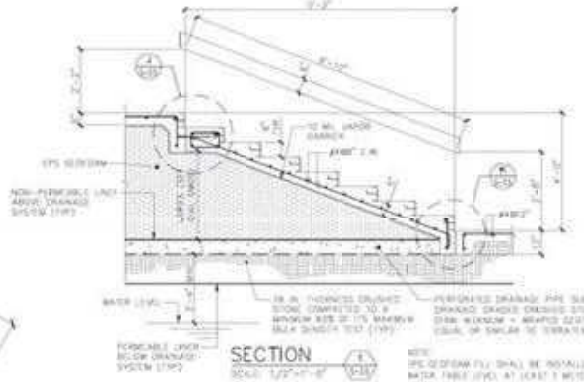
NUMBER	TOTAL
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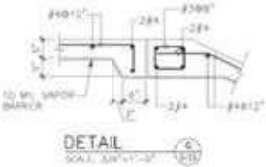
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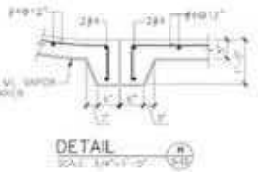
BLOW-UP PLAN MKD' 4



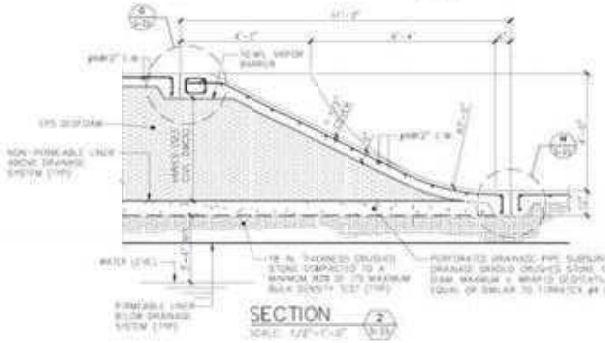
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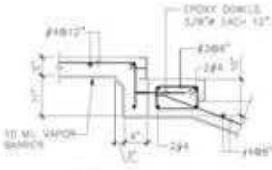
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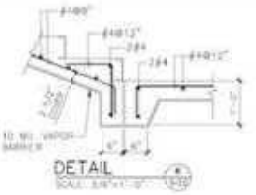
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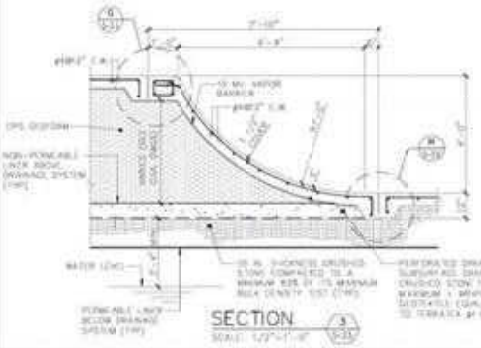
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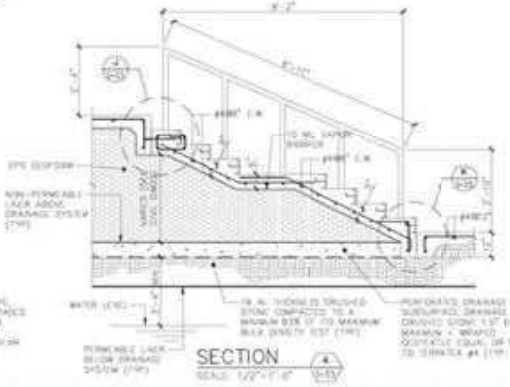
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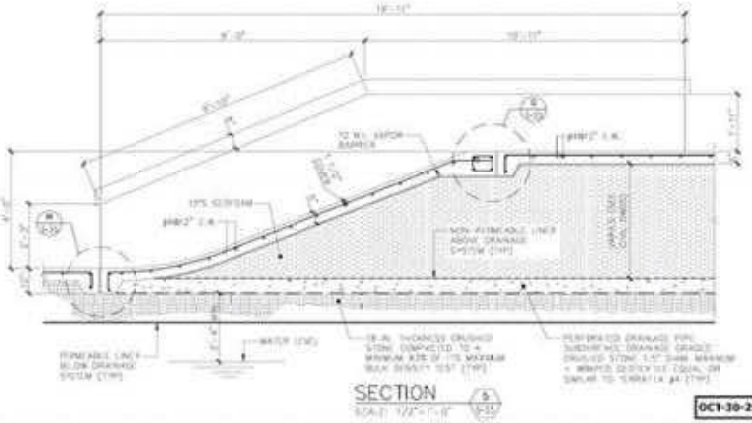
DETAIL



SECTION



SECTION



SECTION

OCT-30-2023

HERNANDEZ-BAUTA PSC, ARCHITECTS

GOBIERNO MUNICIPAL DE SAN JUAN
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSJU

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
CSCANSBROM SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING TITLE
SKATE PARK BLOW-UP 4

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED

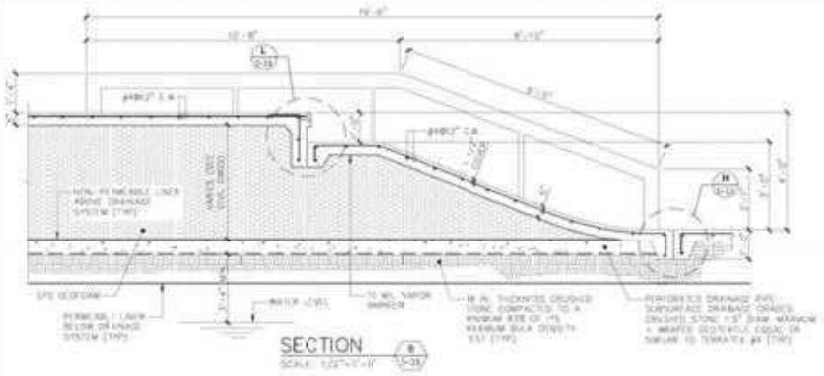
PROJECT #

PERMISSION # OF CONSTRUCTION

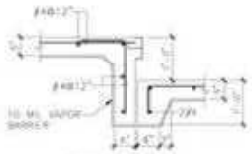
LINE	LEVEL

NUMBER	TOTAL
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DRAWING NUMBER
S-3.5



SECTION



DETAIL

HERNANDEZ-BAUTA PSC, ARCHITECTS

OCT-30-2023

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSJU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

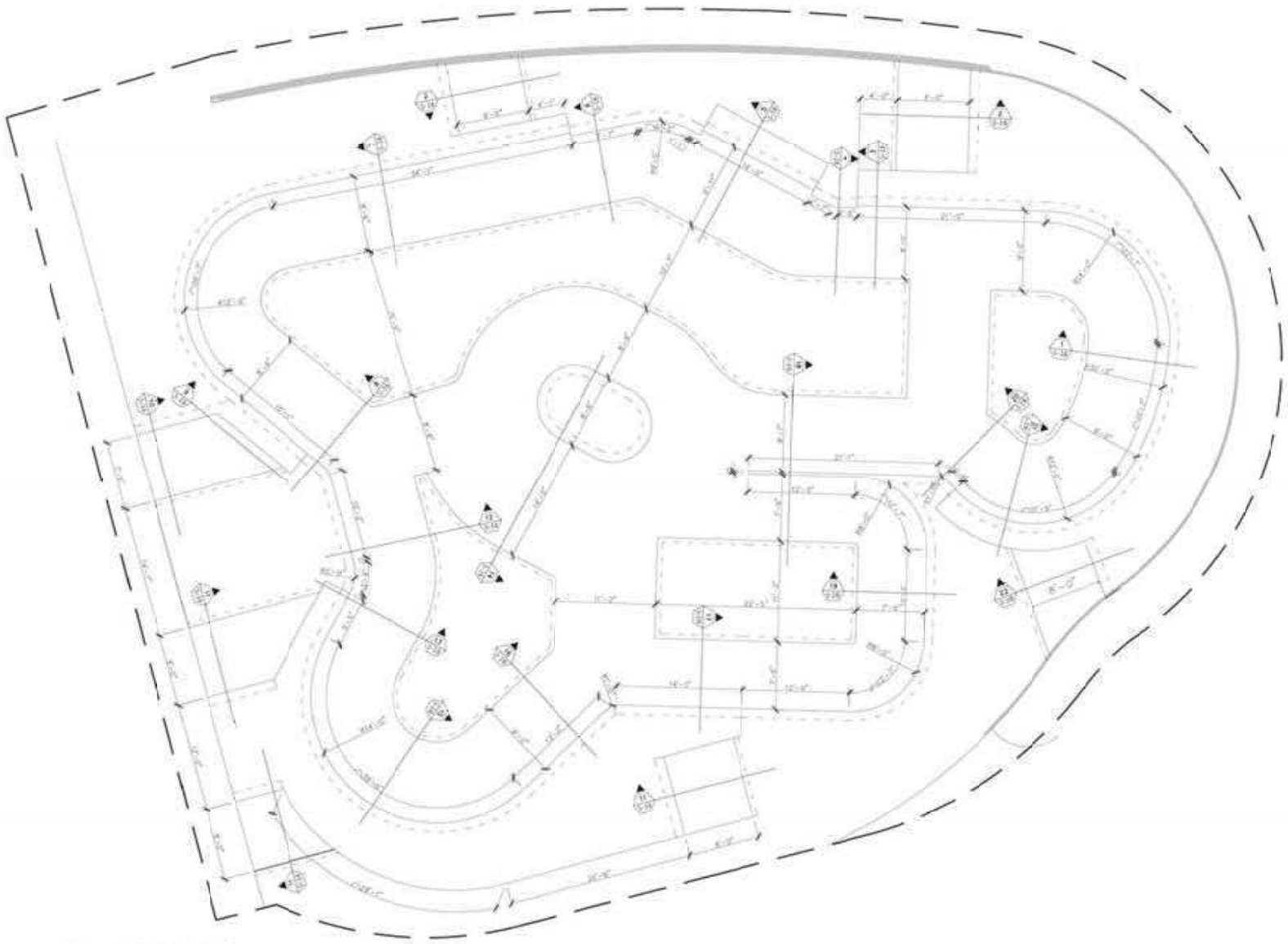
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

SKATE PARK BLOW-UP 4

NUMBER	TOTAL
55	83

DRAWING NUMBER

S-3.6



BLOW-UP PLAN MKD' 5

SCALE: 3/16"=1'-0"

OCT-30-2023

HERNANDEZ-BAUTA PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSJU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILIENIO PARK

SKATE PARK
BLOW-UP 5

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED

PROJECT #

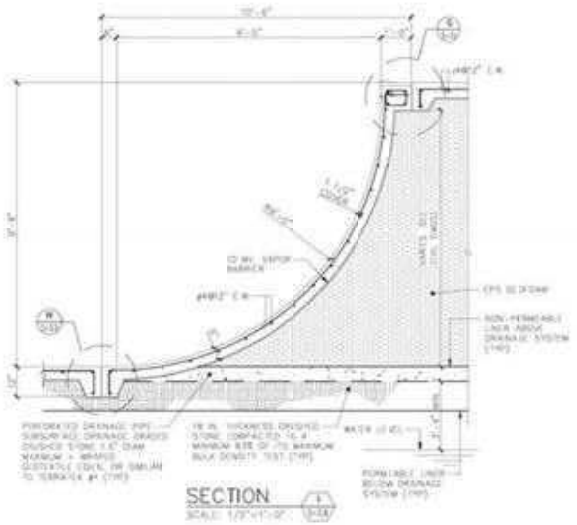
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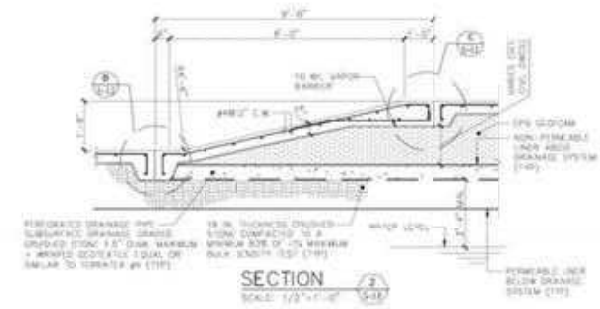
L.S.E. L.S.S.

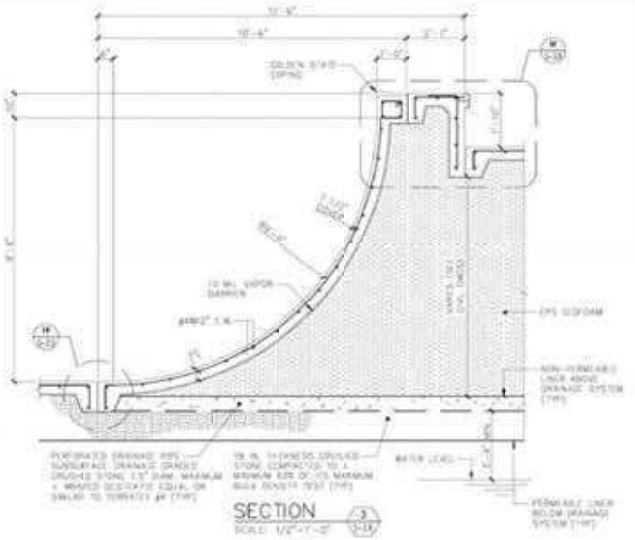
NUMBER	TOTAL
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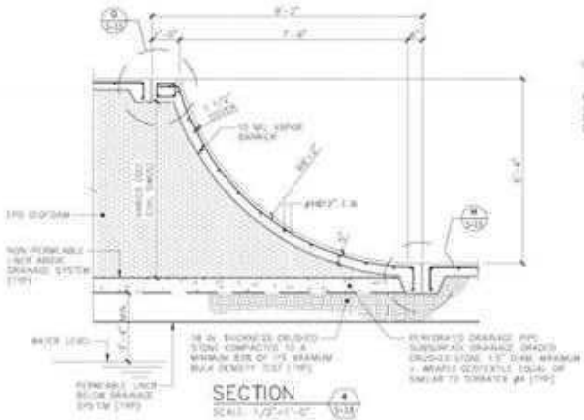
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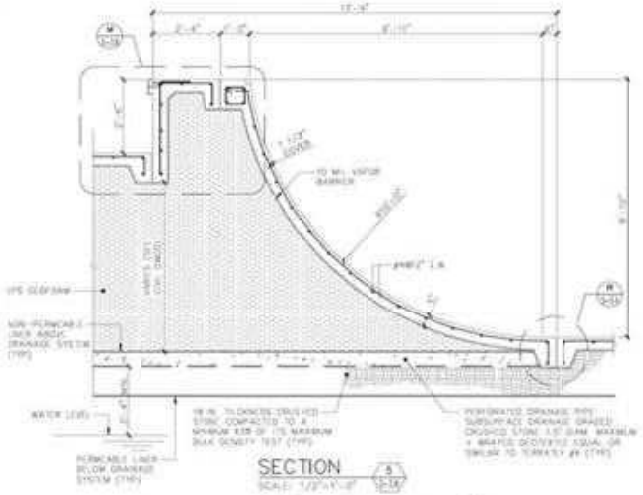
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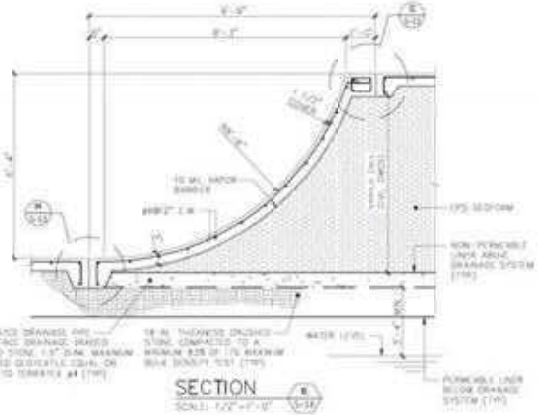


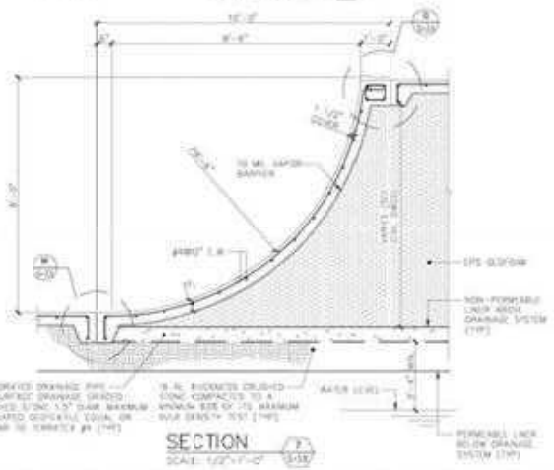


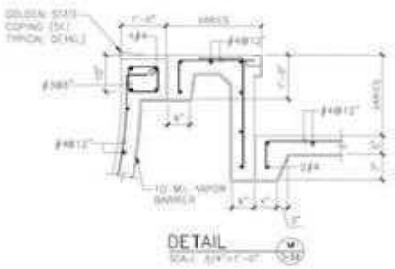












OCT-30-2023

HERNANDEZ-BAUTA PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

SKATE PARK
SLOW-UP 5

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED

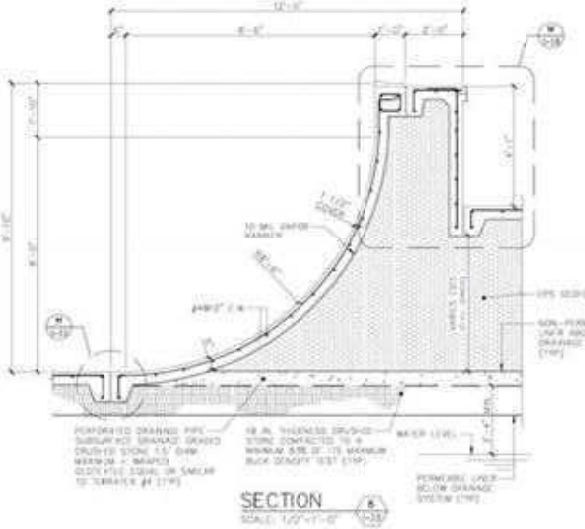
PHASE I

DRAWING CONFORMANCE

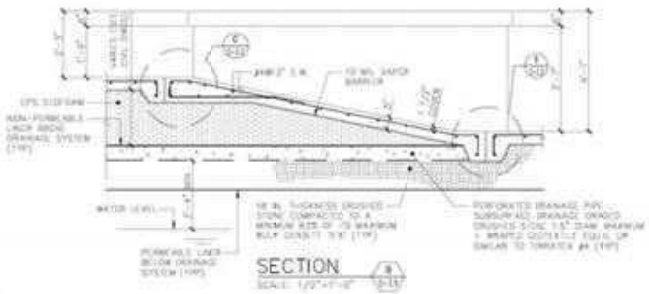
LINE LEG

NUMBER	TOTAL
57	83

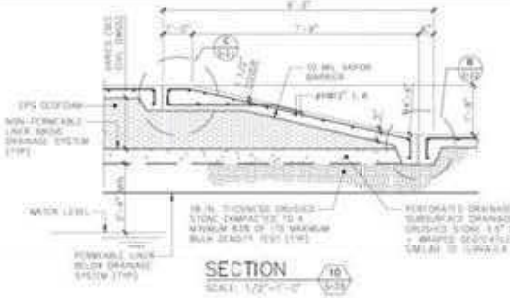
DRAWING NUMBER
S-3.8



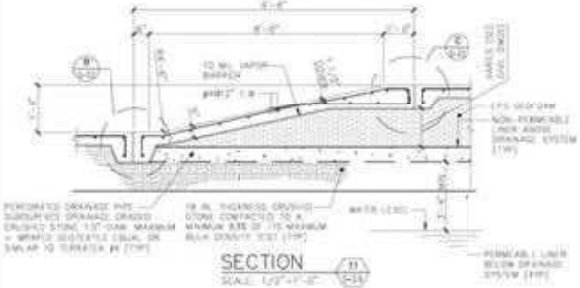
SECTION



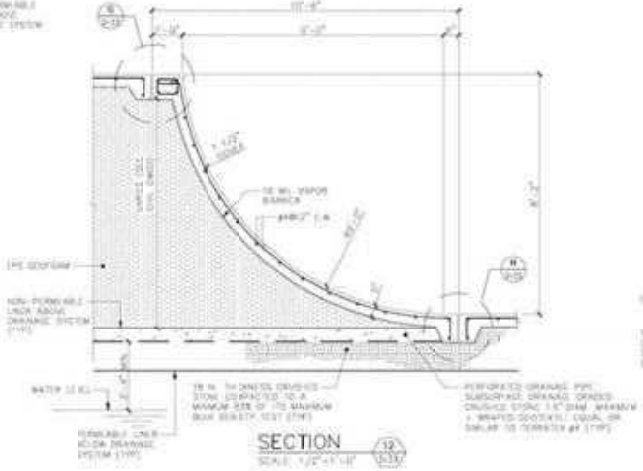
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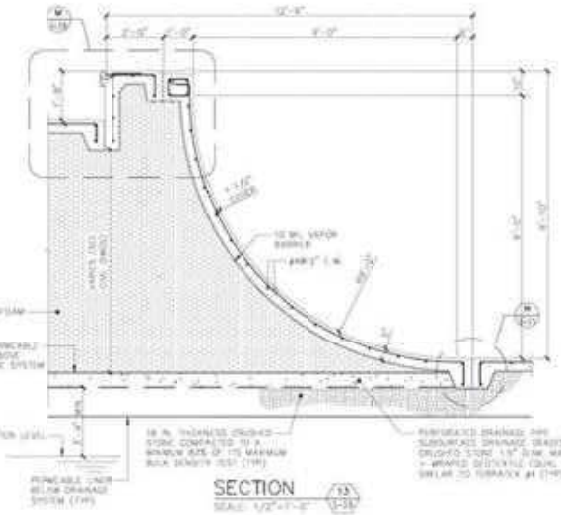
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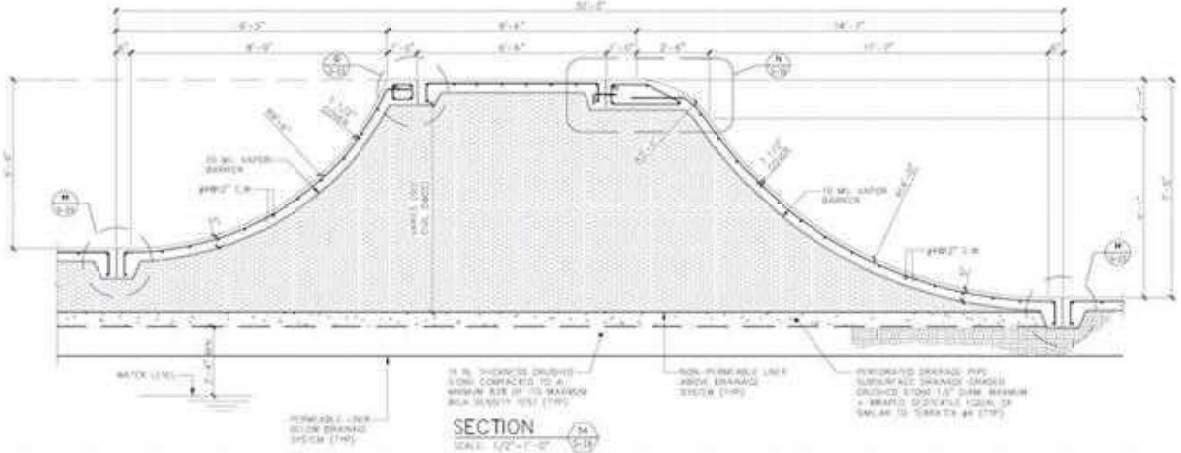
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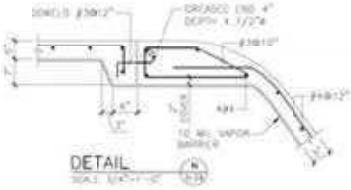
SECTION



SECTION



SECTION



DETAIL

OCT-30-2023

HERNANDEZ-BAUTA PSC, ARCHITECTS

CITY OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

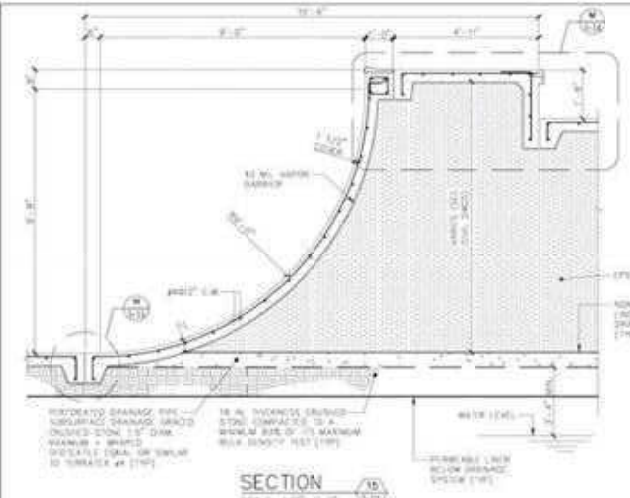
SKATE PARK BLOW-UP 5

LSHE LSS

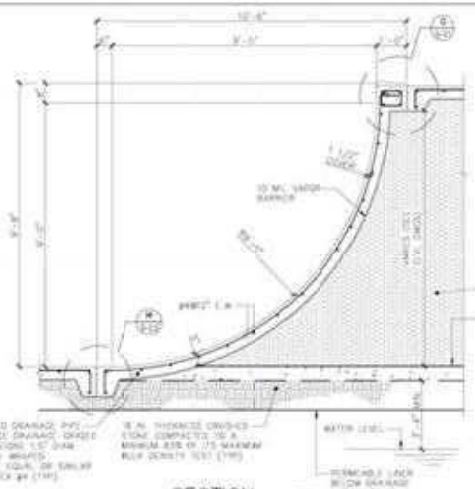
NUMBER 58

TOTAL 83

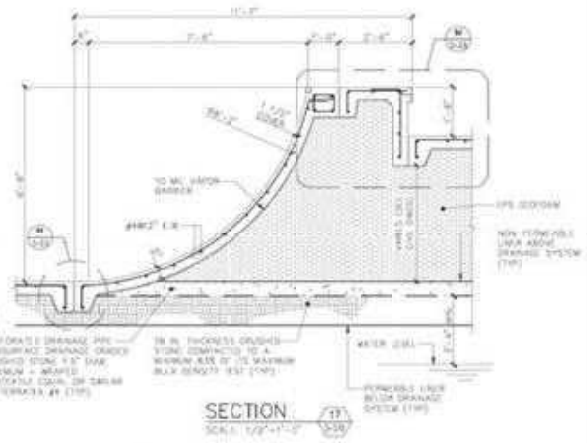
DRAWING NUMBER S-3.9



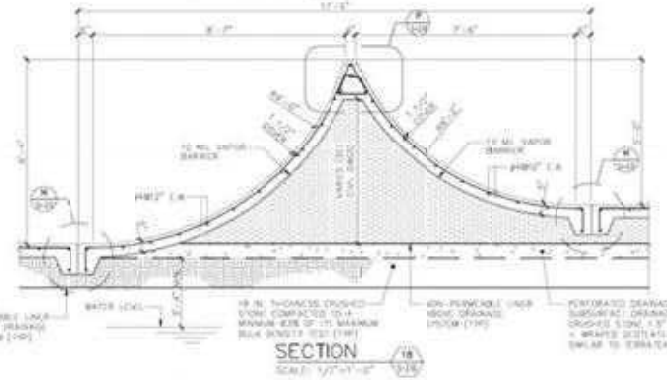
SECTION 15 S-3.10
SCALE: 1/2"=1'-0"



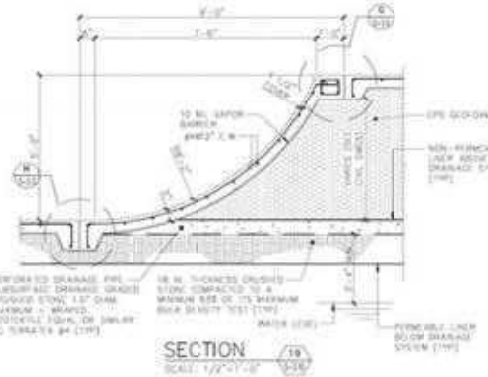
SECTION 16 S-3.10
SCALE: 1/2"=1'-0"



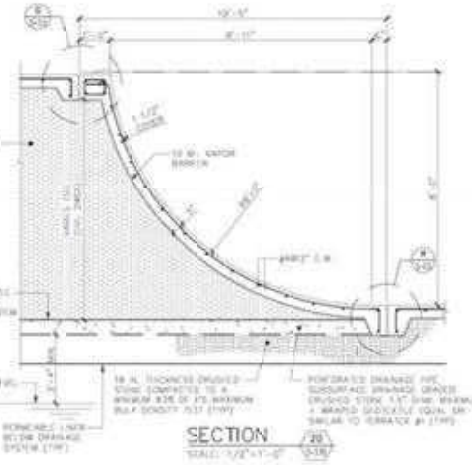
SECTION 17 S-3.10
SCALE: 1/2"=1'-0"



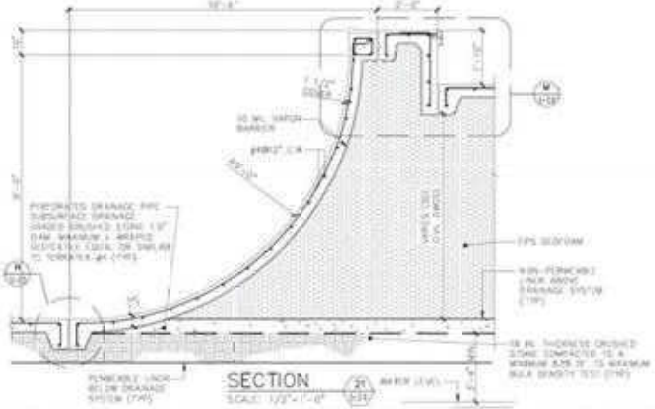
SECTION 18 S-3.10
SCALE: 1/2"=1'-0"



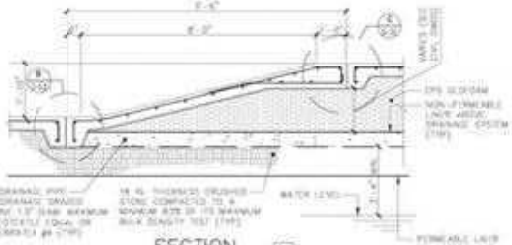
SECTION 19 S-3.10
SCALE: 1/2"=1'-0"



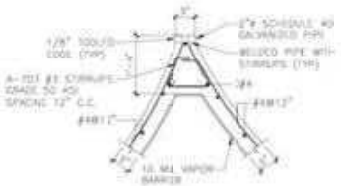
SECTION 20 S-3.10
SCALE: 1/2"=1'-0"



SECTION 21 S-3.10
SCALE: 1/2"=1'-0"



SECTION 22 S-3.10
SCALE: 1/2"=1'-0"



DETAIL 1 S-3.10
SCALE: 3/4"=1'-0"

OCT-30-2023

HERNANDEZ-BAUTA PSC, ARCHITECTS

CITY HERNANDEZ OF SAN JUAN

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

SKATE PARK SLOW-UP 5

COMPUTER PLOT

NO.	DATE	REVISION	BY

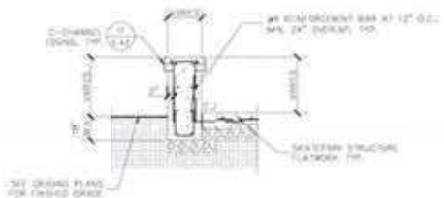
PROJECT

DRAWING CONTENTS

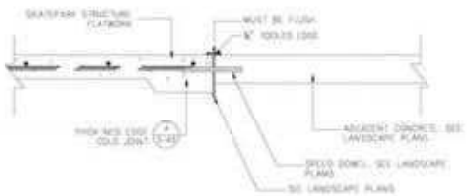
LINE LEN

NUMBER	TOTAL
59	83

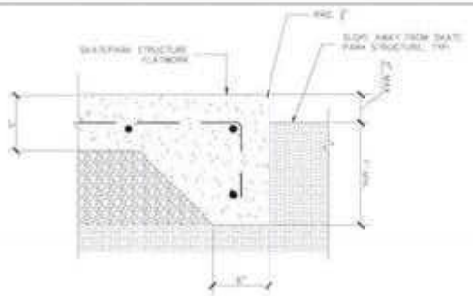
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S-3.10



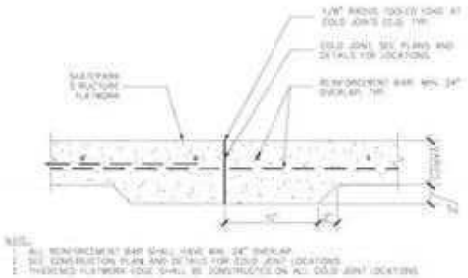
CAST IN PLACE LEDGE
W/ C-CHANNEL EDGING 1 S-4.0
SCALE: NOT TO SCALE



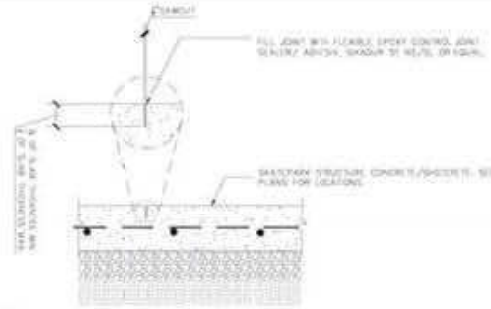
SKATEPARK EDGE AT
CONCRETE PAVEMENT 2 S-4.0
SCALE: NOT TO SCALE



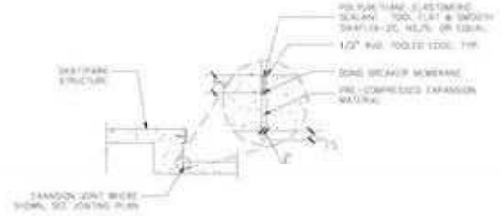
SKATEPARK THICKEN EDGE 3 S-4.0
SCALE: NOT TO SCALE



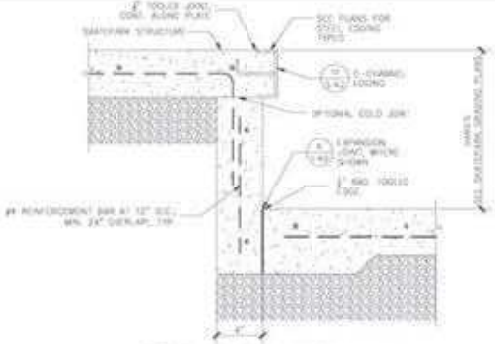
TYP. SKATEPARK FLATWORK
COLD JOINT (CJ) 4 S-4.0
SCALE: NOT TO SCALE



SAWCUT 5 S-4.0
SCALE: NOT TO SCALE



EXPANSION JOINT (EJ) 6 S-4.0
SCALE: NOT TO SCALE



TURNDOWN WALL 7 S-4.0
SCALE: NOT TO SCALE

OCT-30-2023

HERNANDEZ-SAUZA
PSC, ARCHITECTS

CITY OF URBAN DESIGN AND PROJECT DEVELOPMENT, MAYOR

AUTOMOBILE MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

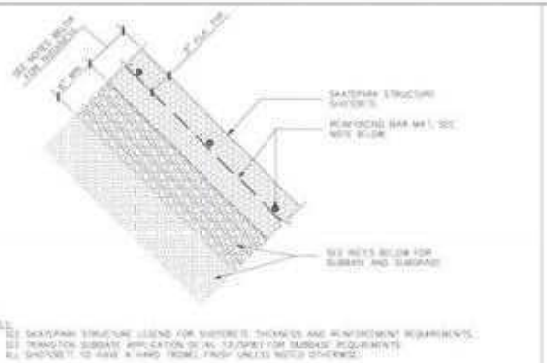
STRUCTURAL STANDARDS DETAILS

NO.	DATE	REVISION	BY	APPROVED

PROJECT NO.
1.003 1.018

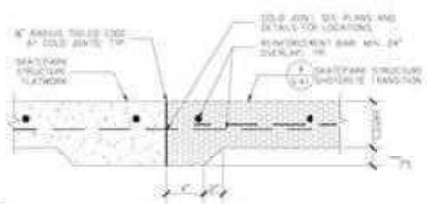
NUMBER 60
TOTAL 83

DRAWING NUMBER
S-4.0



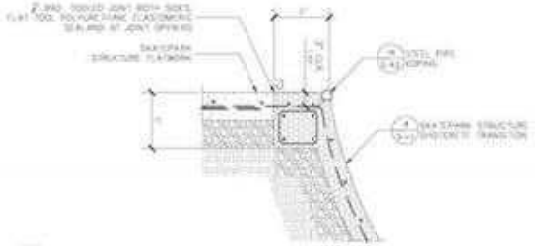
SKATEPARK STRUCT. SHOTCRETE TRANSITION 8 S-4.1

SCALE: NOT TO SCALE



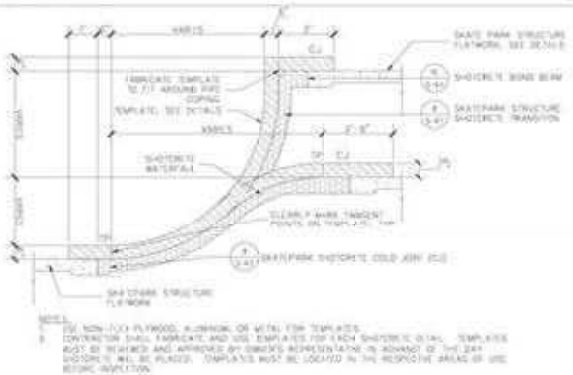
SKATEPARK SHOTCRETE COLD JOINT 9 S-4.1

SCALE: NOT TO SCALE



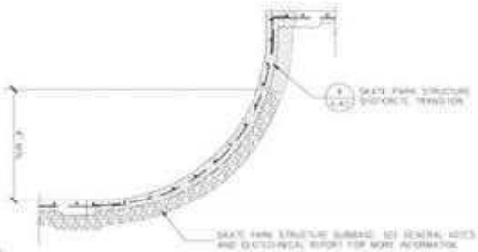
SHOTCRETE BOND BEAM 10 S-4.1

SCALE: NOT TO SCALE



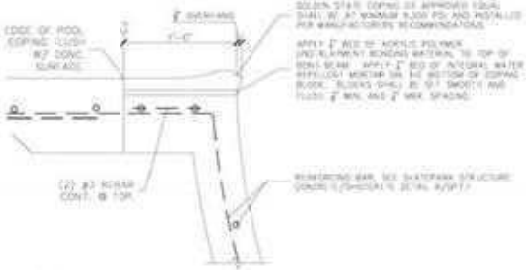
SKATEPARK STRUCT. SHOTCRETE TRANSITION 11 S-4.1

SCALE: NOT TO SCALE



TRANSITION SUB-BASE APPLICATION 12 S-4.1

SCALE: NOT TO SCALE



POOL COPING 13 S-4.1

SCALE: NOT TO SCALE

OCT-30-2023

HERNANDEZ-SAUZA PSC, ARCHITECTS

CONSULTANTS SEAL

AUTHORIZED BY

CITY OF URBAN DESIGN AND PROJECT DEVELOPMENT, MPSU

OWNER

AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TOMÁS MELENDEZ PARK

DRAWING NAME

STRUCTURAL STANDARDS DETAILS

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED

PROJECT

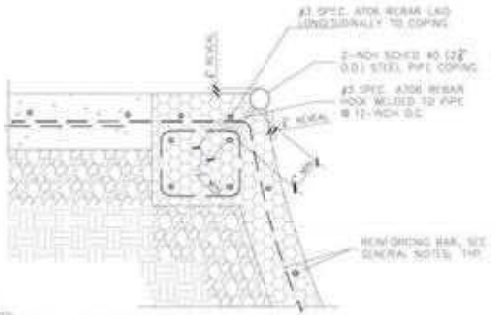
DRAWING SPECIFICATIONS BY

L.B.S. L.B.S.

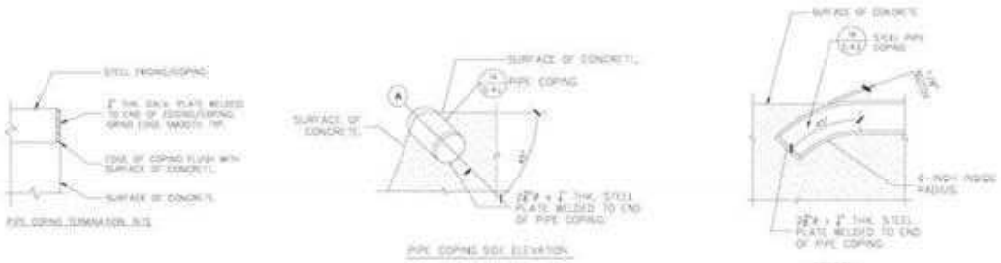
NUMBER	TOTAL
61	83

DRAWING NUMBER

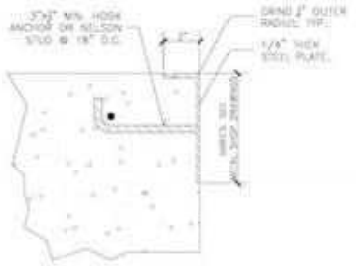
S-4.1



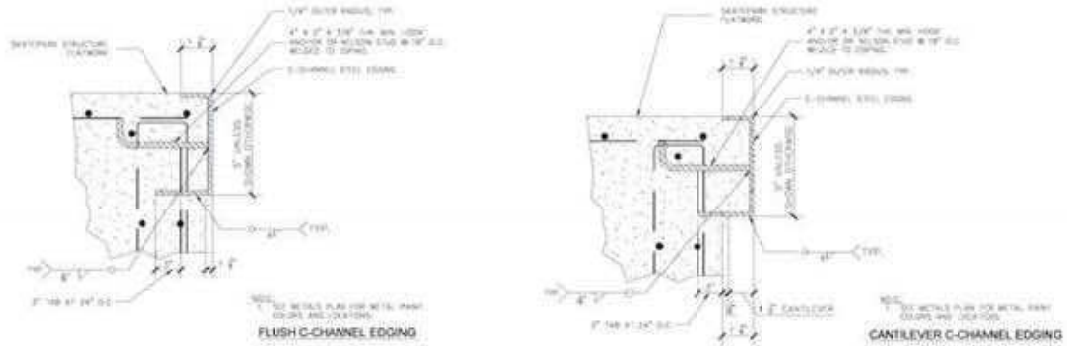
STEEL PIPE COPING (14 / S-4.2)
SCALE: NOT TO SCALE



STEEL EDGING & PIPE COPING TERMINATION (15 / S-4.2)
SCALE: NOT TO SCALE



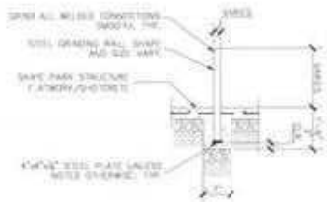
STEEL PLATE (WITH 2" FLANGE) (16 / S-4.2)
SCALE: NOT TO SCALE



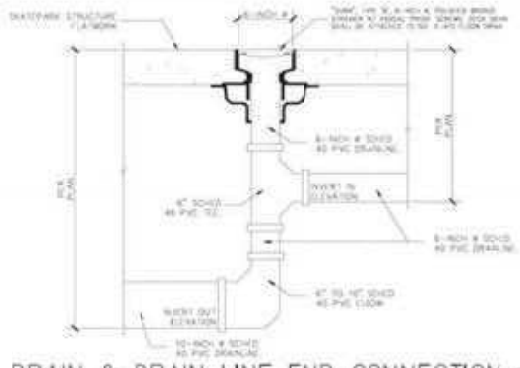
FLUSH C-CHANNEL EDGING

CANTILEVER C-CHANNEL EDGING

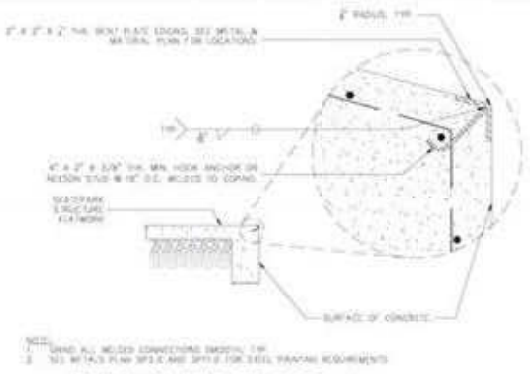
5" C-CHANNEL ENDING (FLUSH AND CANTILEVER) (17 / S-4.2)
SCALE: NOT TO SCALE



SKATE RAIL HUBBA FOOTING (18 / S-4.2)
SCALE: NOT TO SCALE



DRAIN & DRAIN LINE END CONNECTION (19 / S-4.2)
SCALE: NOT TO SCALE



BENT PLATE EDGING (20 / S-4.2)
SCALE: NOT TO SCALE

OCT-30-2023

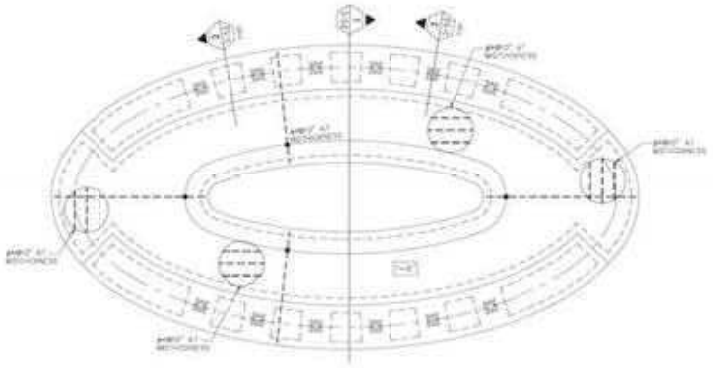
HERNANDEZ-SAUZA PSC, ARCHITECTS
CITY OF URBAN DESIGN AND PROJECT DEVELOPMENT, MESA
AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TENOR R. MELENDEZ PARK

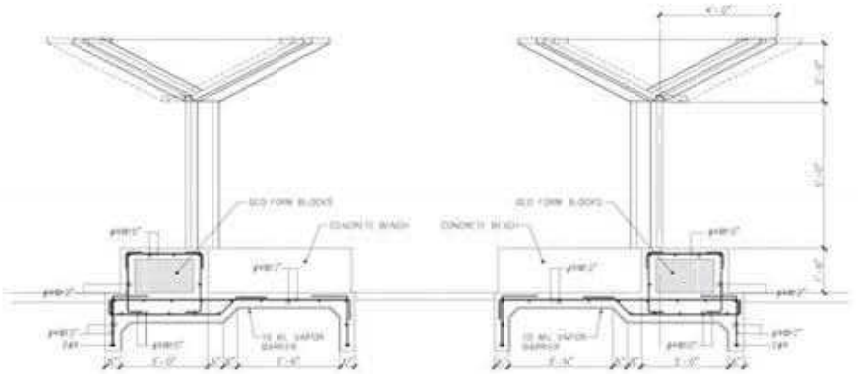
STRUCTURAL STANDARD DETAILS

NUMBER	TOTAL
62	83

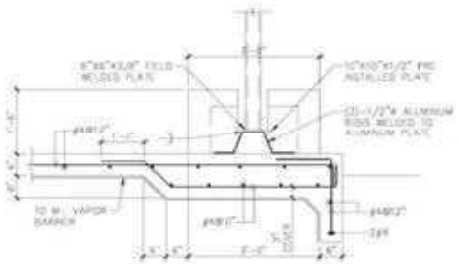
DRAWING NUMBER
S-4.2



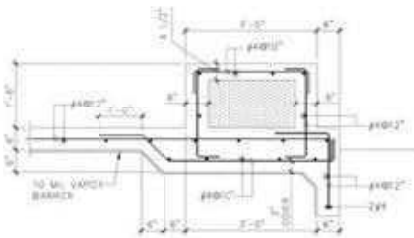
GAZEBOS FOUNDATION PLAN



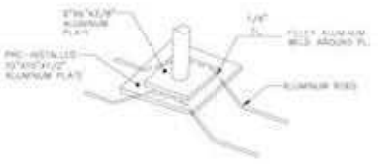
SECTION



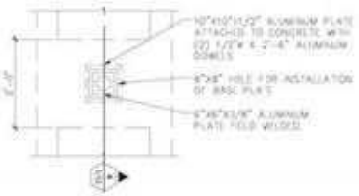
SECTION



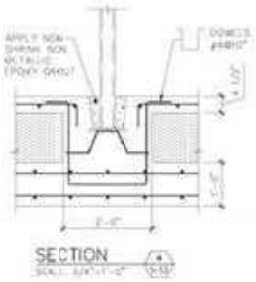
SECTION



BASE PLATE DETAIL



BASE PLATE (TOP VIEW)



SECTION

OCT-30-2023

HERNANDEZ-SAUZA PSC, ARCHITECTS

CITY OF URBAN DESIGN AND PROJECT DEVELOPMENT, MISSU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SALT PARK AND IMPROVEMENTS OF TORRES MELENDEZ PARK

GAZEBO STRUCTURAL DETAILS

COMPUTER PLOT:

NO.	DATE	REVISION	BY	APPROVED

PROJECT NO.

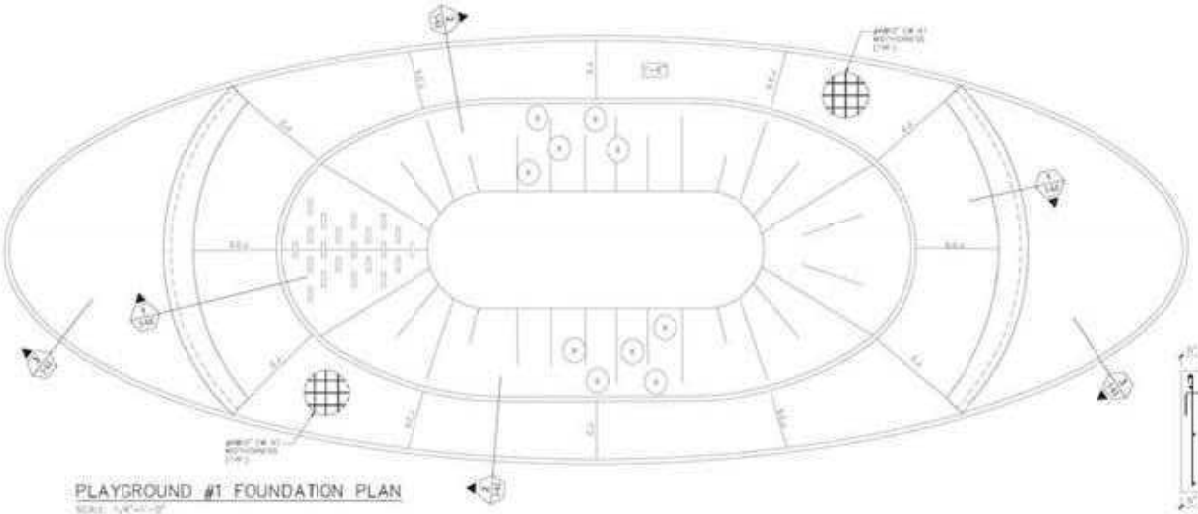
DRAWING REVISION NO.

LOG	LOS

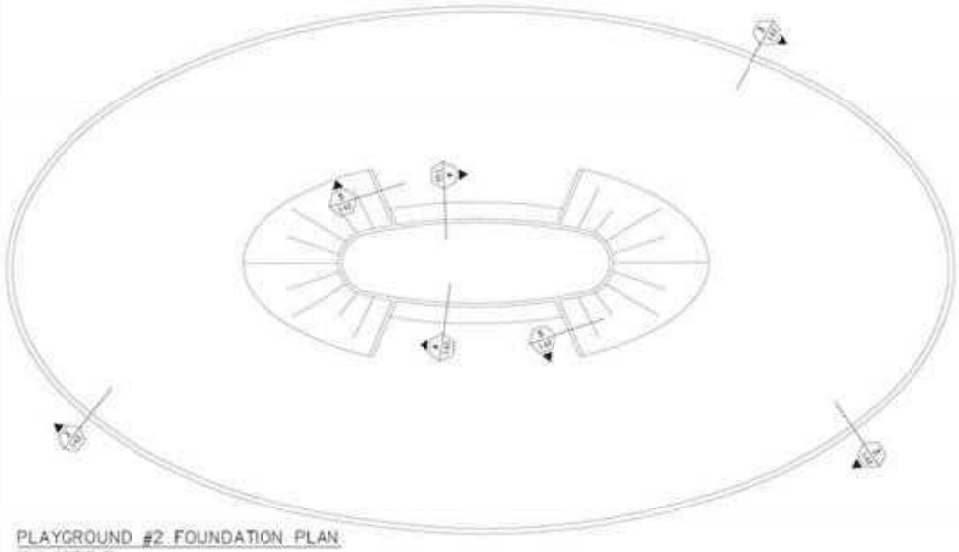
NUMBER	TOTAL
63	83

DRAWING NUMBER

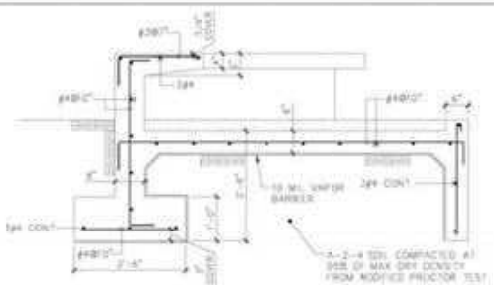
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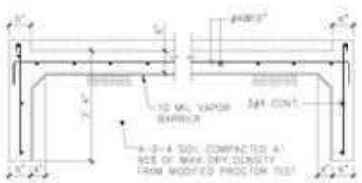
PLAYGROUND #1 FOUNDATION PLAN



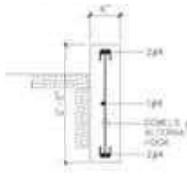
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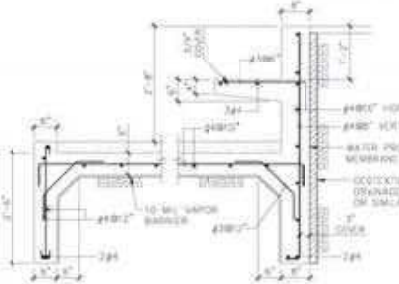
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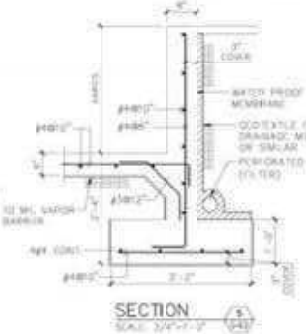
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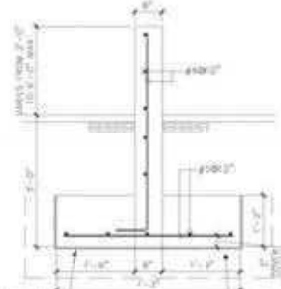
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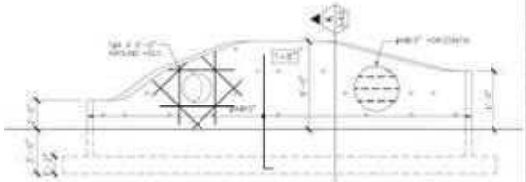
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SECTION



SECTION



CLIMBING WALL DETAIL

OCT-30-2023

HERNANDEZ-SAUZA PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MISSION

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TORO R. MELENDEZ PARK

PLAYGROUND STRUCTURAL DETAILS

COMPUTER PLOT:

NO.	DATE	REVISION	BY	APPROVED

PROJECT NUMBER: L.003 L.005

NUMBER: 64

TOTAL: 83

DRAWING NUMBER: S-6.0

PIPING/PLUMBING SYMBOLS

GATE VALVE
PLUG VALVE
BALL VALVE
GLOBE VALVE
BUTTERFLY VALVE
CHECK VALVE
THREE WAY VALVE
PRESSURE SAFETY VALVE
CIRCUIT SETTER
PRESSURE REGULATING VALVE
FLANGED CONNECTIONS
PIPE ENDED WITH BLIND FLANGE
ORIFICE
STRAINER
STEAM TRAP
SLOPE
REDUCER ECCENTRIC
REDUCER CONCENTRIC
FLOW ARROW
PLUG
EXPANSION JOINT/FLEX JOINT
AUTOMATIC AIR VENT
PRV TYPE
SYSTEM BOUNDARY
PIPE LINE BREAK CONTINUATION MARKER
PIPE END WITH CAP(WELDED OR SCREWED)
FLEXIBLE HOSE OR PLASTIC TUBING
DENOTES SPEC. CHANGE
PURCHASED PACKAGE BOUNDARY
DRAIN
90° ELBOW DOWN
90° ELBOW UP
FLOOR CLEANOUT
FLOOR DRAIN
TEE UP
TEE DOWN
PIPE OFFSET DOWN AT 45°
PIPE OFFSET UP AT 45°
TING LOVER FITTING
DRAIN
BACKFLOW PREVENTOR DOUBLE CHECK VALVE (SOFT SEATED)
TP XX.XXX — CONNECTION TO EXISTING

PIPING/PLUMBING NOTES:

1. LOCATION PLANS ARE BASED UPON NON-CERTIFIED INFORMATION. CONTRACTOR TO COORDINATE INSTALLATION PER CERTIFIED INFORMATION. CONTRACTOR MUST FIELD VERIFY ALL LOCATION DIMENSIONS BEFORE SETTING EQUIPMENT.

2. PIPING DESIGN IS BASED UPON NON-CERTIFIED INFORMATION. MECHANICAL CONTRACTOR TO CONFIRM FINAL FIT-UP DIMENSIONS OF PIPING IN FIELD, PER CERTIFIED INFORMATION OF DETAILED EQUIPMENT LAYOUT, EQUIPMENT LOCATION AND THE EXACT LOCATION OF SERVICE CONNECTIONS, PRIOR TO FABRICATION.

3. CONTRACTOR WILL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS, AND OTHER INFORMATION KNOWN TO CONTRACTOR AND COMPLETE SUCH DATA TO TYE IC'SIGN DOCUMENTS OCF OPC COMMENCING ANY WORK ACTIVITIES. ANY DEVIATIO NS BETWEEN FIELD CONDITIONS, AND DESIGN DOCUMENTS WILL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER IMMEDIATELY IN A FORMAL MANNER. COORDINATION OF WORK ACTIVITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

4. IN THE EVENT OF AN EXPRESS CONFLICT BETWEEN THE DOCUMENTS LISTED OR BETWEEN ANY OTHER DOCUMENTS WHICH ARE A PART OF THE CONTRACT, CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AND ENGINEER IMMEDIATELY AND SHALL COMPLY WITH ENGINEER'S RESOLUTION OF THE CONFLICT.

5. THE CONTRACTOR SHALL BE GUIDED IN HIS WORK BY ALL ARCHITECTURAL, ST RUCTURAL, MECHANICAL, HVAC, ELECTRICAL AND FIRE PROTECTION DRAWINGS AND BY ALL OF THE OWNER'S EQUIPMENT DRAWINGS ISSUED THROUGH THE CONSTRUCTION MANAGER.

6. THE CONTRACTOR SHALL ADVISE THE CONSTRUCTION MANAGER AND ALL OTHER CONCERNED SUBCONTRACTORS ON THE PROJECT CONCERNING CONFLICTS, REVISIONS, ADDITIONS AND/OR DELETIONS TO ANY PHASE OF THE WORK THAT INVOLVES COORDINATION OR CORRELATION BETWEEN TRADES.

7. ALL PIPING SHALL BE ERECTED AND SUPPORTED IN A MANNER THAT WILL NOT PUT UNDUE STRAIN ON PUMPS, TANKS, FILTERS, EQUIPMENT OR TEN CLAMP CONNECTIONS. IN GENERAL, ANY REQUIRED VARIANCE OF THE SPECIFIED SUPPORTING REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND THE OWNER'S REPRESENTATIVE.

8. THE CONTRACTOR IS REQUIRED TO LOCATE FIELD WELDS FOR ALL PIPING INSTALLATIONS.

9. ALL PIPE HANGERS & SUPPORTS ARE TO BE FABRICATED ACCORDING TO DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR IS TO ADD ADDITIONAL SUPPORTS IN THE FIELD FOR RIGID ROUTED LINES AND AS REQUIRED PER FIELD CONDITIONS.

10. (NOT APPLICABLE)

11. (NOT APPLICABLE)

12. ALL PIPING PENETRATIONS THROUGH WALLS & CEILINGS ARE TO BE SEALED BY THE APPROPRIATE CONTRACTOR PER THE PENETRATION DETAILS SHOWN ON THE ARCHITECTURAL DRAWINGS. FIRE STOPS ARE REQUIRED FOR 4" AND LARGER PIPES PENETRATING THROUGH FIRE RATED WALLS.

13. ALL PIPING ROOF PENETRATIONS SHALL BE LOCATED BY THE MECHANICAL CONT RACTOR AND COORDINATED WITH THE ROOFING CONTRACTOR. THE ROOFING CONTRACTOR SHALL MAKE AND SEAL ALL ROOF PENETRATIONS.

14. MANUFACTURER'S NAMES AND MODEL NUMBERS REFERENCED IN SPECIFICATION ARE TO ESTABLISH QUALITY AND DESIGN. ALTERNATES MAY BE SUBMITTED TO OWNER FOR APPROVAL AS LONG AS THEY ARE EQUAL IN QUALITY AND DESIGN. UNAUTHORIZED SUBSTITUTIONS SHALL NOT BE PERMITTED.

15. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONAL DIFFERENCES WHERE OPTIONAL MATERIALS (WATER ALS OTHER THAN THOSE USED FOR DESIGN) ARE SELECTED.

16. THE INSULATION CONTRACTOR IS TO FURNISH A PROPERLY DESIGNED INSTALLATION IN ACCORDANCE WITH AC CEPTABLE CONSTRUCTION PRACTICES.

17. (NOT APPLICABLE)

18. CONTRACTOR SHALL INSPECT ALL STRAINER SCR EENS AND VERIFY PROPER PERFORATION SIZ E BEFORE INSTA LLATION.

19. AIR AND/OR WATE R, AS WELL AS PIPING, PUMPS, GAUGES, METERS, ETC., REQUIRED FOR TESTING SHALL BE PROVIDED BY THE CONTRACTOR. THE DISPOSITION OF WATER AFTER THE TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DISCHARGED AT A POINT DESIGNATED BY THE CONSTRUCTION MANAGER.

20 ALL EXPOSED CARBON STEEL PIPE SHALL BE PAINTED IN ACCORDANCE WITH SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE FOR TOUCH UP PAINTING OF EQUIPMENT USING PAINT THAT MATCHES FACTORY APPLIED PAINT IN COLOR, TYPE, QUALITY, ETC. SO THAT THE TOUCH-UP AREA DUPLICATES THE FACTORY APPLIED SURFACES.

21. ALL PIPE WELDERS TO HAVE CERTIFICATION OF COMPLIANCE WITH ASME SECTION IX AS OUTLINED IN SPECIFICATIONS.

22 THE CONTRACTOR SHALL WARRANT ALL WORK PERFORMED AS SPECIFIED IN THE GENERAL CONDITIONS OF THE CONTRACT, DEFECTIVE EQUIPMENT AND MATERIALS, LEAKS AND FAILURE TO MAINTAIN SPECIFIED CAPACITIES AS WELL AS IMPROPER AND/OR POOR WORKMANSHIP SHALL BE COVERED.

23 THE CONTRACTOR SHALL REPLACE ALL MATERIALS, APPARATUS OR EQUIPMENT, EITHER IN WHOLE OR IN PART, SO THAT THE ITEMS OPERATE AS ORIGINALLY SPECIFIED OR INTENDED AS IN ACCORDANCE WITH SPECIF CATIONS. THE COST AS WELL AS ANY COST INVOLVING DAMAGES TO OTHER TRADES DURING REPLACEMENT SHALL BE AT THE EXPENSE OF THIS CONTRACTOR.

24 THE CONTRACTOR SHALL:

A) UNLESS OTHERWISE SPECIFIED, COMPLY WITH MANUFACTURER'S LATEST PRINTED INSTRUCTIONS FOR MISTERIALS, SUPPLY, STORAGE, AND INSTALLATION METHODS.

B) NOTIFY ENGINEER IN WRITING OF ANY CONFLICT BETWEEN THESE SPECIFICATIONS AND THE MANUFACTURER'S INSTRUCTIONS. ENGINEER WILL DESIGNATE WHICH DOCUMENT IS TO BE FOLLOWED.

25 THE EQUIPMENT AND INSTALLATION SHALL BE IN ACCORDANCE WITH APPLICABLE PORTION OF THE LATEST EDITION OF THE FOLLOWING CODES AND STANDARDS IN EFFECT AT THE TIME OF THE CONTRACT AWARD:

A) FEDERAL OCCUPATION SAFETY AND HEALTH ACT (OSHA)
B) AMERICAN WELDING SOCIETY (AWS)
C) AMERICAN WATER WORKS ASSOCIATION (AWWA)
D) AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)
E) MANUFACTURER STANDARDIZATION SOCIETY OF THE VALVE AND FITTING INDUSTRY (MSS)
F) MANUFACTURER'S STANDARDS AND RECOMMENDATIONS
FOOD AND DRUG ADMINISTRATION (FDA)
G) UNDERWRITERS LABORATORIES LISTING (UL)
H) APPLICABLE STATE, COUNTY, CITY OR LOCAL CODES
I) AMERICAN SOCIETY OF TESTING MATERIALS (ASTM)
J) INTERNATIONAL BUILDING CODE
K) COMPRESSED GAS ASSOCIATION (CGA)

26. (NOT APPLICABLE)

27. (NOT APPLICABLE)

28. ALL PLUMBING SHALL BE IN STRICT ACCORDANCE WITH THE REGULATIONS OF THE DEPARTMENT OF HEALTH OF PUERTO RICO, THE LOCAL BUILDING CODE AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.

29. (NOT APPLICABLE)

30. ALL VALVES NOT EXPOSED SHALL BE MADE ACCESSIBLE FOR MAINTENANCE. ACCESS DOOR SHALL BE AS SPECIFIED OR AS REQUIRED BY THE ARCHITECT.

31. THE PLUMBING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/OR EQUIPMENT BEING INSTALLED BY OTHER SUBCONTRACTOR.

32. THESE NOTES AS WELL AS THE LEGEND AND DETAILS APPLY TO ALL PLUMBING WORK FOR THIS PROJECT.

33. THE CONTRACTOR SHALL FURNISH AND SET IN PLACE BEFORE CONCRETE POURING ALL NECESSARY SLEEVES FOR WASTE OR SOIL VENTS AND COLD/HOT WATER AND LINES THOSE SLEEVES SHALL BE AS SPECIFIED OR REQUIRED BY THE ARCHITECT.

34. CLEANOUTS SHALL BE NOT MORE THAN 50 FEET APART IN HORIZONTAL DRAINAGE LINES OF 4" NOMINAL DIAMETER OR LESS AND NOT MORE THAN 100 FEET APART FOR LARGER PIPES.

35. CLEANOUTS SHALL BE OF THE SAME NOMINAL SIZE AS THE PIPES UP TO 4" AND NOT LESS THAN 4" FOR LARGER PIPING.

36. ALL HORIZONTAL PORTIONS OF SOIL OR WASTE STACKS AND BRANCHES SMALLER THAN 6" SHALL SLOPE 1/4" PER FOOT. ALL OTHERS SHALL SLOPE 1/8" PER FOOT.

37. (NOT APPLICABLE)

38. CONTRACTOR TO MAINTAIN A RECORD SET OF DRAWING REFLECTING ACTUAL "AS BUILT" CONDITIONS TO BE TURNED OVER TO THE OWNER AFTER PROJECT COMPLETION.

39. (NOT APPLICABLE)

40. CONTRACTOR TO TIE IN NEW "SW" "SS" "V" TO EXISTING LINE, RESPECTIVELY AT LOCATION SHOWN. CONTRACTOR TO PROVIDE MATERIAL AND LABOR AS NECESSARY TO ADJUST ELEVATION, LOCATION, SIZE, MATERIAL OF CONSTRUCTION, ETC.

41. ALL EQUIPMENT AND PIPING SHALL BE PROVIDED WITH HIGHPOINT VENTS AND LOWPOINT DRAINS. VENT AND DRAIN CONNECTIONS SHALL BE FITTED WITH A ISOLATOR BALL VALVE. PROVIDE REMOVABLE PLUG ON LOW POINT DRAIN VALVES TO AVOID ACCIDENTAL SPILL.

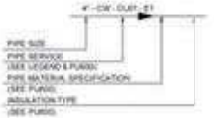
PIPING/PLUMBING ABBREVIATIONS

AHU	AIR HANDLING UNIT
AS	AIR SEPARATOR
CA	COMPRESSED AIR
CC	COLD CONSERVATION
CH	CHILLER
CHP	CHILLED WATER PUMP
CO	CLEAN OUT
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
DPS	DIFFERENTIAL PRESSURE SWITCH
DR	DRAIN
ET	EXPANSION TANK
FD	FLOOR DRAIN
FV	FLOAT VALVE
EJ	EXPANSION JOINT/FLEX JOINT
HC	HEAT CONSERVATION
GPM	GALLONS PER MINUTE
LG	LEVEL GAGE
NC	NORMALLY CLOSE
NO	NORMALLY OPEN
P	PUMP
PI	PRESSURE INDICATOR
P&ID	PIPING & INSTRUMENTATION DIAGRAM
RP	PERSONNEL PROTECTION
PS	PIPE SUPPORT
PSIG	POUNDS PER SQUARE INCH (GAGE)
PSV	PRESSURE SAFETY VALVE
SD	SUCTION DIFFUSER
TCV	TEMPERATURE CONTROL VALVE
TDV	TRIPLE DUTY VALVE
TI	TEMPERATURE INDICATOR
TW	THERMOWELL
WH	WATER HEATER
WHP	WATER HEATER PUMP
WM	WATER METER
WP	WATER PRESSURE BOOSTER SKID
HTF	HEAT TRANSFER PACKAGE

PIPING/PLUMBING SERVICE ABBREVIATIONS

CW	DOMESTIC COLD WATER
HW	DOMESTIC HOT WATER
CWR	DOMESTIC COLD WATER RISER
HWR	DOMESTIC HOT WATER RISER
RG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
SAN	SANITARY WASTE
SAN	SANITARY WASTE
SS	SANITARY WASTE SOIL STACK
WS	SANITARY WASTE WASTE STACK
CCD	COLD CONDENSATE DRAIN
V	SANITARY VENT
VTR	SANITARY VENT - VENT THRU ROOF
VS	SANITARY VENT - VENT STACK

PIPING/PLUMBING LINE DESIGNATION LEGEND



HERNANDEZ-BAUZA PSC, ARQUITECTOS

ENGINEER'S SEAL

CONSULTANT'S SEAL

GH Consultants

OWNER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PIPING/PLUMBING NOTES

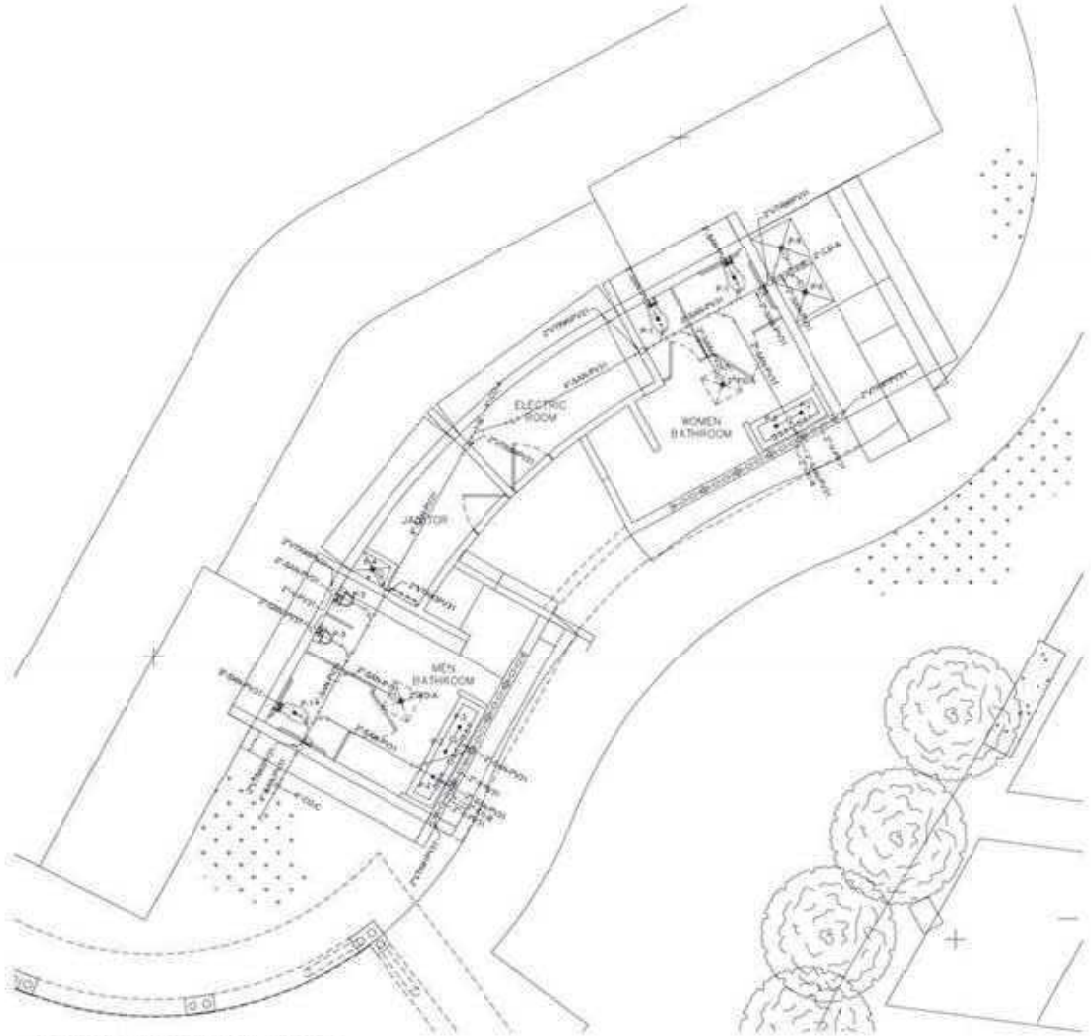
NO.	DATE	REVISIONS	BY	APPROVED
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PROJECT

DRAWN BY: AA | CHECKED BY: AA

NUMBER 65 | TOTAL 83

DRAWING NUMBER
P-0.1



SANITARY SEWER PIPING FLOOR PLAN
SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE ROUGH-IN SCHEDULE

LEGEND	DESCRIPTION	WATER SUPPLY SIZE				TRAP SIZE	VENT SIZE	REMARKS
		BRANCH		FIXTURE				
		COLD	HOT	COLD	HOT			
P-1	FLUSH VALVE WATER CLOSET	1"	-	1"	-	3"	2"	
P-2	LAVATORY	1/2"	-	3/8"	-	1-1/2"	1-1/2"	
P-3	FLUSH VALVE URINAL	3/4"	-	3/4"	-	2"	2"	
P-4	SERVICE SINK	1/2"	-	3/8"	-	1-1/2"	1-1/2"	2
P-5	SHOWER STALL	1/2"	-	1/2"	-	2"	1-1/2"	1
HB-1	HOSE BIBB	1/2"	-	-	-	-	-	

REMARKS

1. PROVIDE STAINLESS STEEL FLOOR DRAIN FD-B
2. PROVIDE STAINLESS STEEL FLOOR DRAIN FD-A WALL HOSE BIBB (1/2" DIAMETER)

PLUMBING ACCESSORIES SCHEDULE

TAG	DESCRIPTION	SPECIFICATION	SIMILAR TO
CO-A	FLOOR CLEANOUT FINISHED FLOOR (TILES)	COATED CAST IRON FLOOR CLEANOUT, INTERNAL ABS CLEANOUT PLUG, ADJUSTABLE CAST IRON HOUSING WITH MEDIUM-DUTY SCORIATED SECURED NIKALOY COVER AND SQUARE FRAME. DIMENSION AS SHOWN IN FLOOR PLAN.	JOSAM SERIES 55000-SQ
CO-B	WALL CLEAN OUT	COATED CAST IRON CLEANOUT TEE AND RECESSED BRONZE N.P.T. THREADED PLUG. DIMENSION AS SHOWN IN FLOOR PLAN. WHERE EXPOSE, PROVIDE ROUND STAINLESS STEEL WALL ACCESS COVER WITH SCREW.	JOSAM SERIES 58910 WITH 58600
CO-C	FLOOR CLEANOUT ON GRADE (NO FLOOR)	PLASTIC PVC, TYPE I FITTING CLEAN OUT ADAPTER AND FLUSH CLEAN OUT PLUG. PROVIDE A 18" X 18" X 6" CONCRETE BLOCK FOR CLEAN OUTS ON GRADE	CHARLOTTE PIPE PVC
FD-A	FLOOR DRAIN	STAINLESS STEEL (304) FLOOR DRAIN,6" X 6" SQUARE TOP, 6" DEEP, NO-HUB OUTLET. DIMENSION AS SHOWN IN FLOOR PLAN. WITH FILTER BASKET. PROVIDE BACKFLOW PREVENTER DIAPHRAGM SIMILAR TO PROVENT TRAP GUARD	JOSAM SERIES 41330 - FB
FD-B	FLOOR DRAIN SHOWERS (P-5)	304 STAINLESS STEEL SHOWER CHANNELS. WITH STANDARD 2" NO-HUB CONNECTION, ANCHOR TABS, (EVELING FEET AND GRATE). PROVIDE BACKFLOW PREVENTE DIAPHRAGM SIMILAR TO PROVENT TRAP GUARD	JOSAM SERIES 46200 46242
WHA-A	WATER HAMMER ARRESTOR	1) FIXTURE UNITS OR LESS. SHOCK ABSORBER/WATER HAMMER ARRESTOR WITH STAINLESS STEEL SHELL, HYDRO-PNEUMATIC CUSHION OF NITROGEN GAS, STAINLESS STEEL BELLOWS AND STAINLESS STEEL MALE THREADED PIPE NIPPLE. PROVIDE SHUT-OFF VALVE WHEN INSTALLED ON MAIN PIPE. PROVIDE ACCESS DOOR IF INSTALLED INSIDE A WALL OR OVER A GYPSUM BOARD CEILING. PROVIDE 12" X 12" X 6" STAINLESS STEEL RECESSED VALVE BOX SIMILAR TO BEST ACCESS DOORS MODEL BA-ARVB-12-12-6	JOSAM SERIES 75001A
HB-1	HOSE BIBB	1/2" DIAMETER	MULLER 103-003NL
AD-A	STAINLESS STEEL RECESSED VALVE BOX	12" X 12" X 6" STAINLESS STEEL RECESSED VALVE BOX, 16 GAUGE DOOR. SCREWDRIVER OPERATED CAM LATCH. HINGE: CONTINUOUS, CONCEALED	BEST ACCESS DOORS MODEL BA-ARVB-12-12-6

HERNANDEZ-BAUZA PSC, ARQUITECTOS
PSC# 4,000 PUERTO RICO

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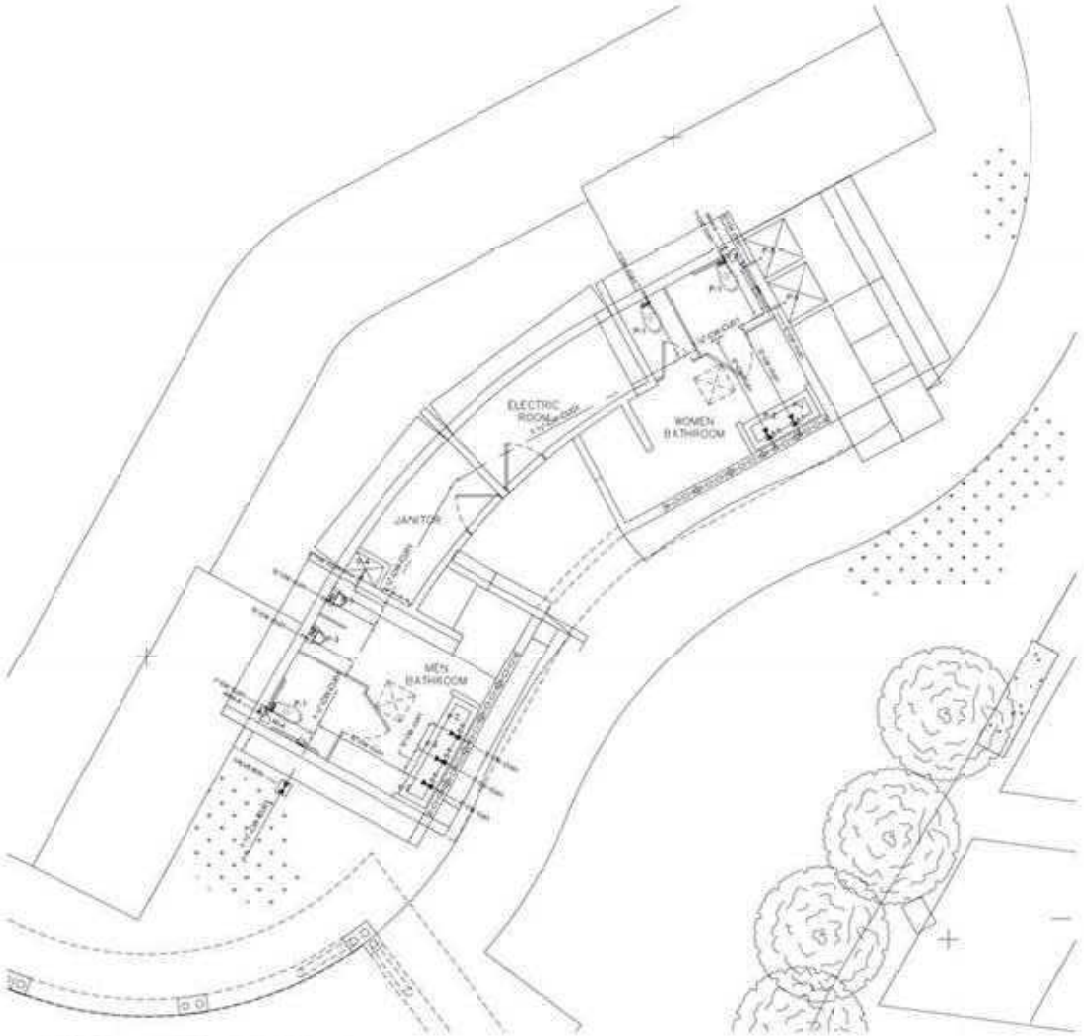
DRAWING NAME
SANITARY SEWER PIPING FLOOR PLAN AND SCHEDULES

NO.	DATE	REVISION	BY	APPROVED
2	11/21/23	ISSUED FOR REVIEW	GAR	AH
1	11/21/23	ISSUED FOR REVIEW	GAR	AH

PROJECT #
DRAWN BY/CHECKED BY
AA AA

NUMBER 66 | TOTAL 83

DRAWING NUMBER
P-1.0



1 POTABLE WATER PIPING FLOOR PLAN
SCALE: 1/4"=1'-0"

PIPING MATERIAL SCHEDULE

Service		Condition	Piping Material
Tag	Description		SPEC TAG
CW	Domestic Cold Water	All	CU01
SAN	Sanitary Waste	Underground	PV31
SAN	Sanitary Waste	Aboveground	PV31
V	Sanitary Vent	All	PV31
VTR	Sanitary Vent - Vent Thru Roof	All	PV31

PIPING MATERIAL SPEC SCHEDULE

Tag	Material	SPECIFICATION
CU01	Copper Tubing, Type L, General	Copper, ASTM B88, hard drawn, seamless, Type L. Tubing used in potable water systems shall be NSF 61 certified, and lead free (< 0.25% lead by weight on wetted parts.)
PV31	PVC, Polyvinyl Chloride Pipe, Waste System	Polyvinyl Chloride (PVC) pipe, ASTM D1784, cell class 12454, and conforming to NSF standard 14. Pipe shall be iron pipe size (IPS) conforming to ASTM D1785 and D2665.
PV34	CPVC Waste System	Chlorinated Polyvinyl Chloride (CPVC) pipe. ASTM F2618, Type IV, Grade I, cell class 24447, ASTM D1784, and conforming to NSF standard 14. Piping shall bear the mark NSF-cw for use in corrosive waste drainage.

HERNANDEZ-BAUZA PSC, ARQUITECTOS

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DRAWING NAME
POTABLE WATER PIPING FLOOR PLAN AND SCHEDULES

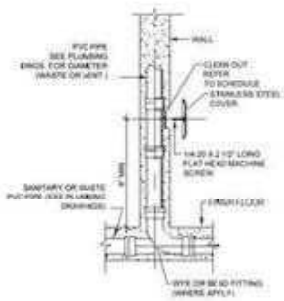
NO.	DATE	REVISION	BY	APPROVED
3	01/31/2024	ISSUED FOR REVIEW	AA	AH
4	02/16/2024	ISSUED FOR REVIEW	AA	AH

PROJECT #

DRAWING BY	CHECKED BY
AA	AA

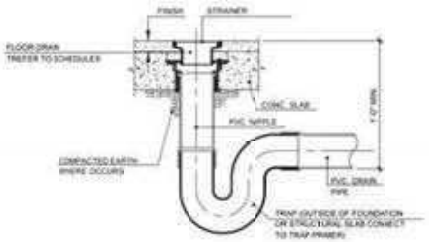
NUMBER	TOTAL
67	83

DRAWING NUMBER
P-1.1



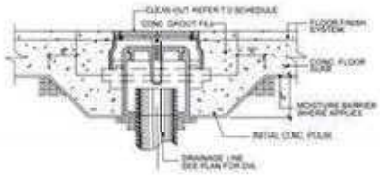
TYPICAL CLEANOUT INSTALLATION AT WALLFLUSH WITH WALL COVER

1 NOT TO SCALE



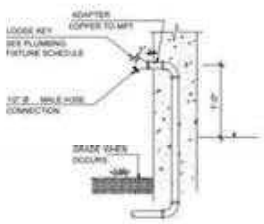
TYP. FLOOR DRAIN DETAIL

2 NOT TO SCALE



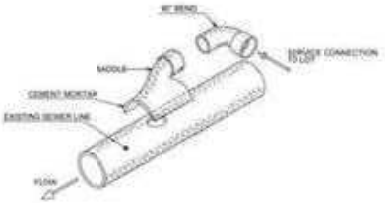
TYPICAL FLUSH WITH FLOOR CLEANOUT DETAIL

3 NOT TO SCALE



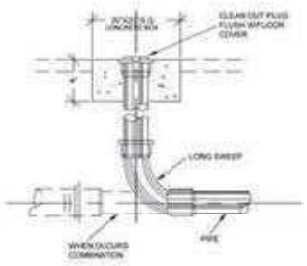
WALL MOUNTED HOSE BIBB DETAIL

4 NOT TO SCALE



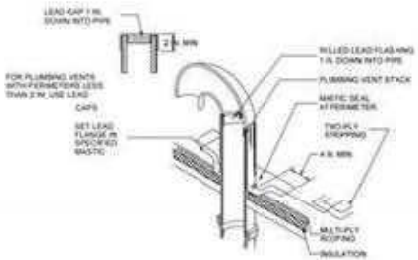
DETAIL OF SADDLE CONNECTION

5 NOT TO SCALE



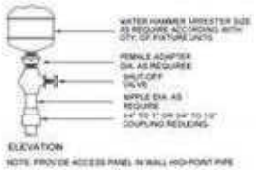
CLEAN OUT DETAIL EXTERIOR

6 NOT TO SCALE



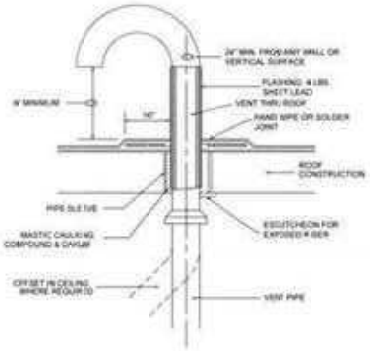
VENT PENETRATION DETAIL

7 NOT TO SCALE



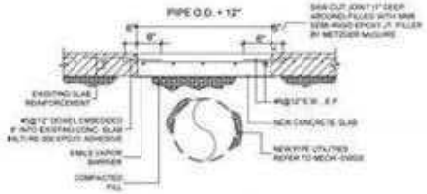
WATER HAMMER ARRESTER DETAIL (WHA)

8 NOT TO SCALE



VENT THRU ROOF DETAIL

9 NOT TO SCALE



CONCRETE SLAB PATCH FOR UNDERGROUND PIPE INSTALLATION

10 NOT TO SCALE

HERNANDEZ-BAUZA PSC, ARQUITECTOS

[illegible]

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ENGINEER'S SEAL

ALEXIS ALEVEDO DIAZ
INGENIERO
LICENCIADO
LIC. 17,643
PUERTO RICO

CONSULTANT'S SEAL

GB Consultants

[illegible]

MANAGER: DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MAYJ.

OWNER: AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT: ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME: PIPING/PLUMBING DETAILS

NO.	DATE	REVISION	BY	APPROVED
0	01/31/23	ISSUED FOR REVIEW	AA	AA
1	02/28/23	ISSUED FOR REVIEW	AA	AA

DRAWING ATTACHED BY:

AA AA

NUMBER: 68

TOTAL: 83

DRAWING NUMBER: P-2.0

BLOW-UP REFER TO
DWG. ED-102

BLOW-UP REFER TO
DWG. ED-103



LOCATION PLAN:

X=236203.6089
Y=270362.5169

ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:500

HERNANDEZ-RAITER
P.S.C. ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MAYS.

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

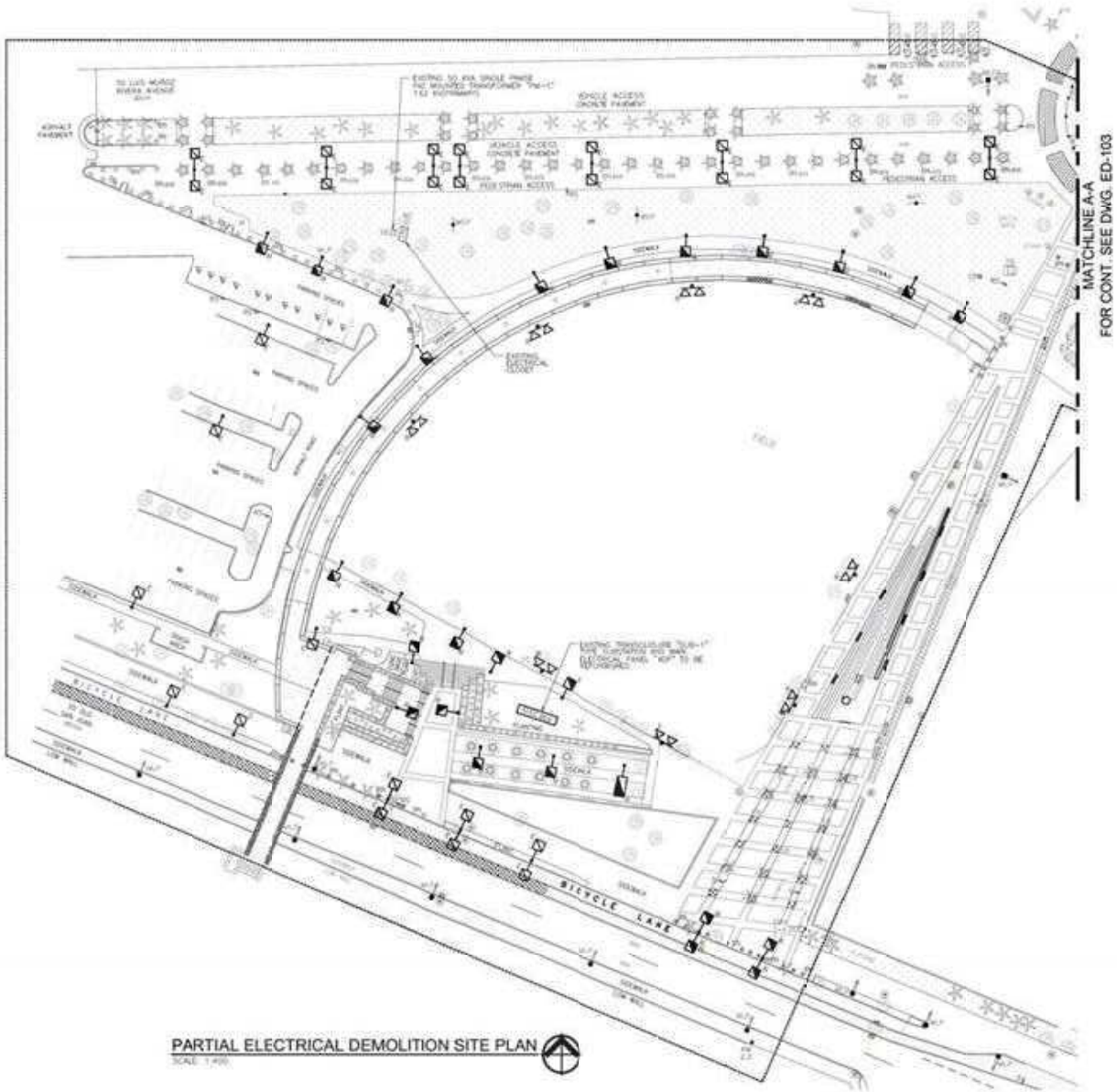
ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT

NUMBER	TOTAL
69	83

DRAWING NUMBER

ED-101



PARTIAL ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:400

GENERAL ELECTRICAL DEMOLITION NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND BUILDINGS TO VERIFY THE EXISTING CONDITIONS BEFORE STARTING WORK. EXAMINE THE BUILDING TO DETERMINE ACTUAL CONDITIONS AND EXTENT OF WORK PRIOR TO BIDDING. THE PROJECT. NOTIFY ANY UNCLEAR DETAILS OR CONFLICTS TO THE ARCHITECT/ENGINEER FOR CLARIFICATION PRIOR TO SECURE THE DRAWINGS.
2. VERIFY THAT THE WIRING AND EQUIPMENT INDICATED TO BE DEMOLISHED SERVES ONLY THE ABANDONED FACILITIES.
3. DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATIONS AND EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO ARCHITECT/ ENGINEER BEFORE DISTURBING THE EXISTING INSTALLATION.
4. DEMOLISH AND REMOVE ALL THE ELECTRICAL SYSTEM INDICATED FOR DEMOLITION. NO PORTION OF THESE SYSTEMS MAY BE ABANDONED IN PLACE.
5. REMOVE ABANDONED WIRING AND CONDUITS TO THE SOURCE OF SUPPLY.
6. CONTRACTOR SHALL VERIFY AND CONFIRM THAT THE AREAS TO BE DEMOLISHED ARE DISCONNECTED FROM THE POWER SOURCE BEFORE THE DEMOLITION BEGINS.
7. DISPOSE OF FLUORESCENT LAMPS, BALLAST, AND ANY THEIR HAZARDOUS MATERIALS ACCORDING WITH THE STATE, LOCAL AND FEDERAL REGULATIONS.
8. NO WORK ON ENERGIZED LINES. EVIDENCE IS SUPPLIED TO THE DEMOLITION CONTRACTOR BY ELECTRICAL UTILITY THAT ELECTRICAL SERVICE TO THE PROJECT SITE AND TO EACH OF THE BUILDINGS AND STRUCTURES OF THE PROJECT FOR ANY SITE POWER STILL ON SITE A LIVE POWER (UNLESS STATED IS REQUIRED).
9. CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL UTILITY COMPANY (LUMA) THE WORK NEEDED TO DISCONNECT THE PROJECT FROM THE ELECTRICAL UTILITY PRIMARY AND SECONDARY SERVICE LINES BEFORE STARTING ANY WORK.
10. CONTRACTOR SHALL NOT COMMENCE UNTIL IT HAS CONFIRM THAT ALL OF THE CAPTURING LINES, TRANSFORMERS, METERS/PANELS, ELECTRICAL PANELS, LIGHTING FIXTURES AND ANY OTHER ELECTRICAL DEVICES AS THE BUILDING AND SITES ARE DISCONNECTED FROM THE MAIN ELECTRICAL SERVICE AND ARE DE-ENERGIZED BEFORE THE REMOVAL.
11. CONTRACTOR SHALL VERIFY TRANSFORMERS WITH PCB ARE DISPOSE AS PER LOCAL AND FEDERAL REGULATIONS.
12. ALL THE UNDERGROUND AND AERIAL ELECTRICAL LINES SPECIFIED AS TO BE REMOVED SHALL BE DISPOSED BY THE CONTRACTOR.
13. CONTRACTOR IS RESPONSABLE FOR THE DISPOSAL OF ALL THE SURPLUS MATERIALS, REMOVABLE MATERIALS AND DEBRIS GENERATED BY THE ELECTRICAL WORK.
14. LOCATION OF EXISTING ELECTRICAL EQUIPMENT SHALL BE VERIFIED ON FIELD.
15. REMOVE ALL EXPOSED ELECTRICAL INSTALLATIONS.
16. THE DEMOLITION DRAWINGS DO NOT SHOWN NECESSARILY THE SEQUENCE OF THE DEMOLITION WORK. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL THE WORK WITH THE DEMOLITION CONTRACTOR, OWNER AND THE ARCHITECT/ENGINEERS OF THE PROJECT.
17. CONTRACTOR SHALL REMOVE OF ALL THE ELECTRICAL LINES AND CONDUITS CONNECTED TO POLES TO BE DEMOLISHED.
18. CONTRACTOR SHALL REMOVE AND DEMOLISH ALL EQUIPMENTS LOCATED IN ELECTRICAL VAULTS.
19. THE INFORMATION ON THE DRAWINGS AND NOTES INCLUDED ON THE DRAWINGS OF THE DEMOLITION / DISMANTLING OF OTHERS DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY OF VISITING THE PROJECT SITE AND MAKE HIMSELF COMPLETELY AWARE OF ALL THE OPERATIONS INVOLVE IN THE PROJECT OF PREPARING AND OBTAIN EXISTING CONDITION AND DEMOLITION RESEARCH, AND TO INCLUDE THE NECESSARY COSTS IN HIS BID TO COMPLETE ALL THE DEMOLITION INDICATED TO COMPLETE THE DEMOLITION WORK REQUIRED ON THE CONTRACT DOCUMENT.
20. BEFORE STARTING ANY WORK, THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PUERTO RICO ELECTRIC AND POWER AUTHORITY (LUMA) AND THE LOCAL REGULAMENTATION DE TELECOMUNICACIONES DE PUERTO RICO (LRTP).
21. ELECTRICAL DISCONNECTION SHALL BE PERFORMED BY A LICENSED ELECTRICAL ENGINEER AND ELECTRICIAN.
22. UNDERGROUND LINE SHOWS ON DRAWINGS ARE GEOGRAPHIC. CONTRACTOR IS RESPONSIBLE OF TRACING ALL ELECTRICAL, LIGHTING, TELEPHONE, CABLE TV, AND TELECOMUNICATIONS UNDERGROUND LINES AND REMOVE THEM ACCORDING TO THE REQUIREMENTS SHOWN ON THE DRAWINGS.

ELECTRICAL SITE LEGEND:

- EXISTING SINGLE 40M POLE AND LUMINAIRE TO BE REMOVED.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING BALLPARK LIGHTING POLE AND LUMINAIRES TO BE REMOVED.

HERNANDEZ-BAITER PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TEODER MILENIO PARK

PARTIAL ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	09/15/23	PER RFI #001	HB	JH

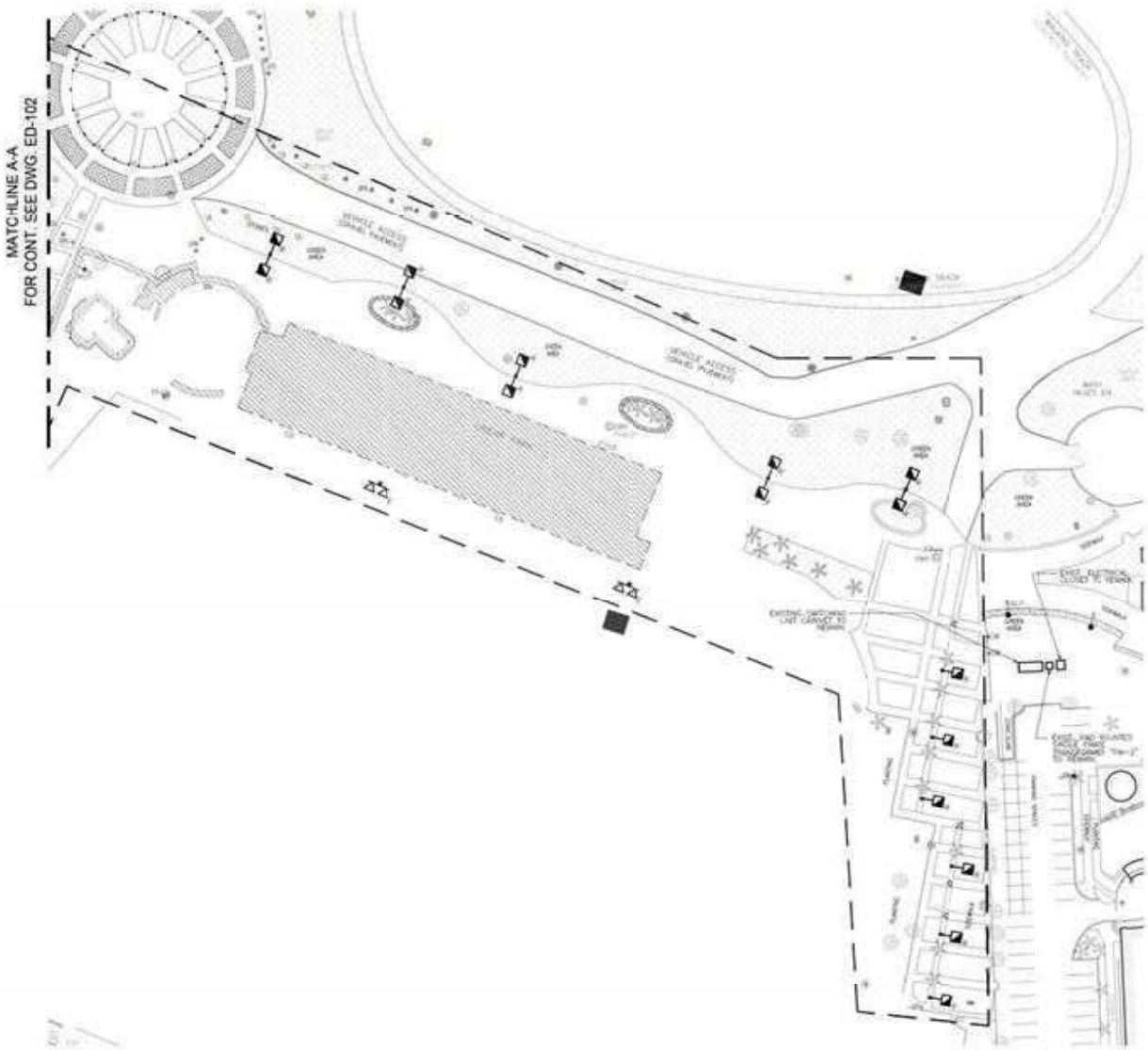
PROJECT NO.

CLASIFICACIÓN DE SEGURIDAD: CLASIFICACIÓN DE SEGURIDAD: NO CLASIFICADO

NUMBER	TOTAL
70	83

DRAWING NUMBER

ED–102



PARTIAL ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:400

NOTES:

1. FOR ELECTRICAL DEMOLITION LEGEND AND DEMOLITION NOTES SEE DWG. ED-102

ELECTRICAL SITE LEGEND:

- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMOVED.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING DALLPARK LIGHTING POLE AND LUMINAIRES TO BE REMOVED.
- EXISTING TENCH AND FIELD LIGHTING POLE AND LUMINAIRES TO REMAIN.

HERNANDEZ-GUTIERREZ ARQUITECTOS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASU.

AUTONOMOUS MUNICIPALITY OF SAN JUAN.

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TEODER MILENIO PARK

PARTIAL ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1				

STAMPED & SIGNED PLANS BY:

R.L.A. 233

NUMBER	TOTAL
71	83

DRAWING NUMBER

ED–103

BLCW-UP REFER TO
DWG. ES-102

BLOW-UP REFER TO
DWG. ES-103



LOCATION PLAN:

X=236203.8089
Y=2700460.5169

PROPOSED ELECTRICAL AND LIGHTING
SITE PLAN

SCALE: 1:500

HERNANDEZ-FAUSTA
P&C ARCHITECTS

DEPT. OF URBAN DESIGN AND
PROJECT DEVELOPMENT, MMSJ

AUTONOMOUS MUNICIPALITY
OF SAN JUAN

ESCAMBRON
SKATEPARK AND
IMPROVEMENTS OF
TENDER MILENIO PARK

PROPOSED ELECTRICAL
AND LIGHTING SITE PLAN

COMPUTER PLOT

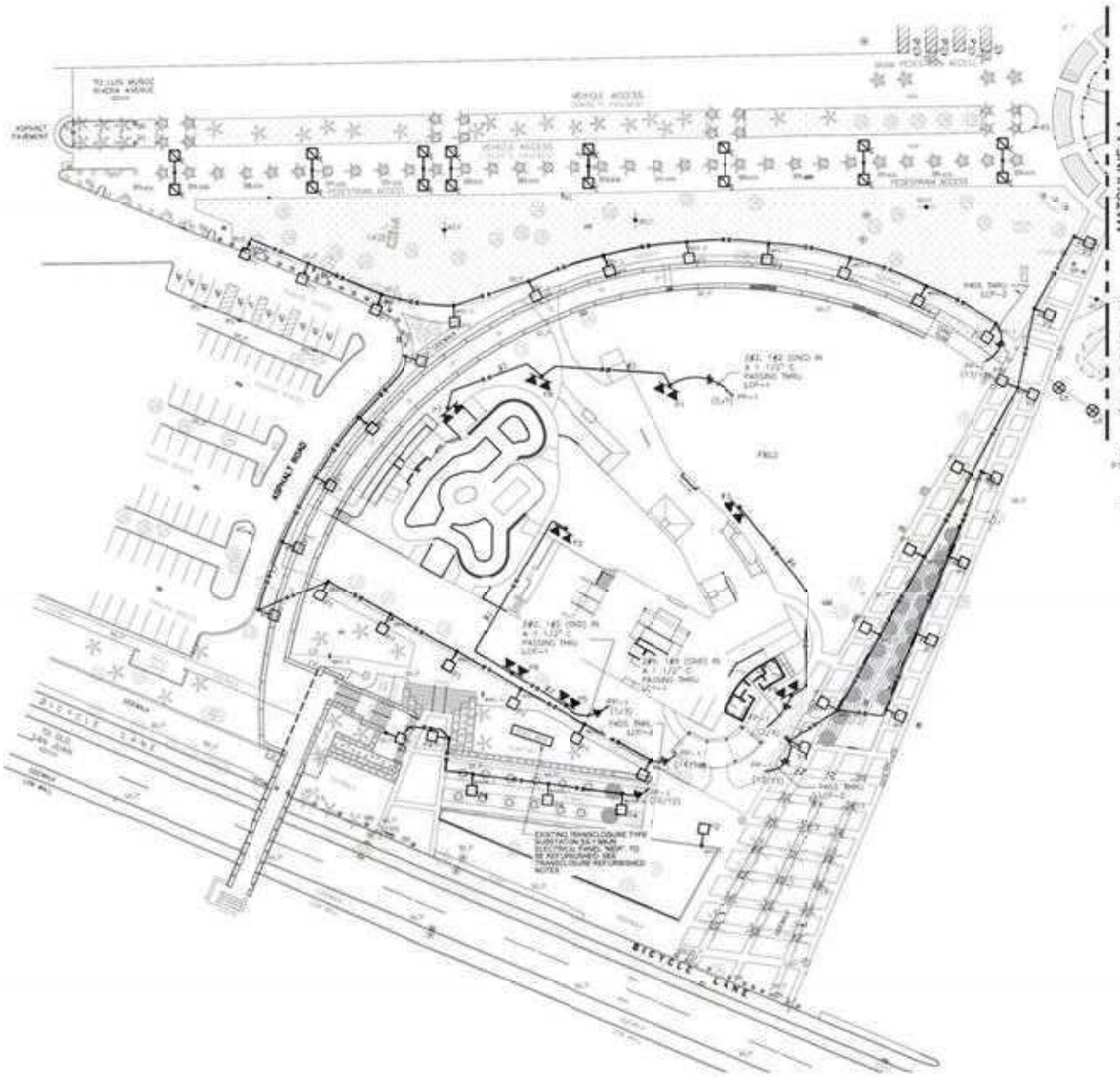
PROJECT

DRAWING BY/CHECKED BY

NUMBER	TOTAL
72	83

DRAWING NUMBER

ES–101



PROPOSED ELECTRICAL AND LIGHTING PARTIAL SITE PLAN

SCALE: 1:100



LOCATION PLAN:

X=236203.6089
Y=270040.5169

NOTES:

1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001.
2. FOR LIGHTING SITE SCHEDULE SEE DWG. ES-101.
3. REFER TO STRUCTURAL DRAWINGS FOR POLE CONCRETE BASES.
4. FOR LUMA GENERAL NOTES SEE DWG. ES-100.
5. REFER TO DWG. ES-107 FOR THE SKATE PARK LIGHTING POLE SCHEDULE.

LIGHTING SITE LEGEND:

NEW SINGLE ARM POLE AND LUMINAIRE "1" INDICATES POLE AND LUMINAIRE DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAIL

SAME AS ABOVE, BUT DOUBLE ARM

NEW LIGHTING BOLLARD, "L1" INDICATES BOLLARD DESIGNATION SEE SITE LIGHTING POLE SCHEDULE FOR DETAILS.

NEW LIGHTING CIRCUIT, 24" BELOW FINISHED GRADE, DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND 1/- GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN, THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE (3#8, 1#8GROND) IN A 1" CONDUIT. (U.O.N.)

HOME RUN TO PANEL, 24" BELOW FINISHED GRADE, "SHP" INDICATES DESTINATION PANEL AND THE NUMBERS INDICATES CIRCUIT NUMBERS OF NUMBERS ARE SEPARATED BY "/" THEN MEANS THAT IS A MULTIPOLE CIRCUIT(SHARED) INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND 1/- GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN, THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE (3#8, 1#8GROND) IN A 1" CONDUIT. (U.O.N.)

EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN

SAME AS ABOVE, BUT DOUBLE ARM

NEW SKATEPARK LIGHTING POLE AND LUMINAIRES. REFER TO MUSCO POLE SCHEDULE FOR DETAILS

TRANSCLOSURE REFURBISH NOTES:

THE EXISTING SKATE PARK TRANSCLOSURE SUBSTATION MUST BE REPAIR. THE FOLLOWING JOBS MUST BE DONE AS PART OF THE REPAIR

1. COORDINATE ALL OF THE WORK WITH LUMA BEFORE PURCHASING ANY EQUIPMENT AND STARTING ANY WORK.
2. CLEAN AND REPAIR THE EXTERIOR AND INTERIOR OF THE SUBSTATION.
3. REPLACE THE PRIMARY FEEDER, TERMINALS AND ANY RELATED ITEM FROM THE PRIMARY LOAD BREAK UP TO THE TRANSFORMER SECTION.
4. REPLACE THE EXISTING TRANSFORMERS WITH THE TRANSFORMER SPECIFIED IN THE ELECTRICAL DIAGRAM.
5. PERFORM THE ELECTRICAL CONNECTIONS IN THE TRANSFORMER SECTION WITH THE NECESSARY MATERIALS AND WITH THE GROUNDING REQUIREMENTS FROM LUMA.
6. REMOVE AND REPLACE THE EXISTING SECONDARY FEEDER AND TERMINALS WITH THE SPECIFIED ON THE ELECTRICAL DRAWINGS.
7. REMOVE AND REPLACE THE EXISTING MAIN DISTRIBUTION PANEL AND CIRCUIT BREAKERS WITH THE SPECIFIED ON THE ELECTRICAL DIAGRAM.
8. WORK MUST BE PERFORM FOLLOWING THE NATIONAL ELECTRICAL CODE AND LUMA REQUIREMENTS.
9. WORK MUST BE PERFORM AND CERTIFIED BY AN LICENSED ELECTRICIAN.

HERNANDEZ-EULIZER P&C, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT (MSJ)

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TEODER MILENIO PARK

PROPOSED ELECTRICAL AND LIGHTING PARTIAL SITE PLAN

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	04/04/25	ADD SHEET	HE	HE

PROJECT NO.

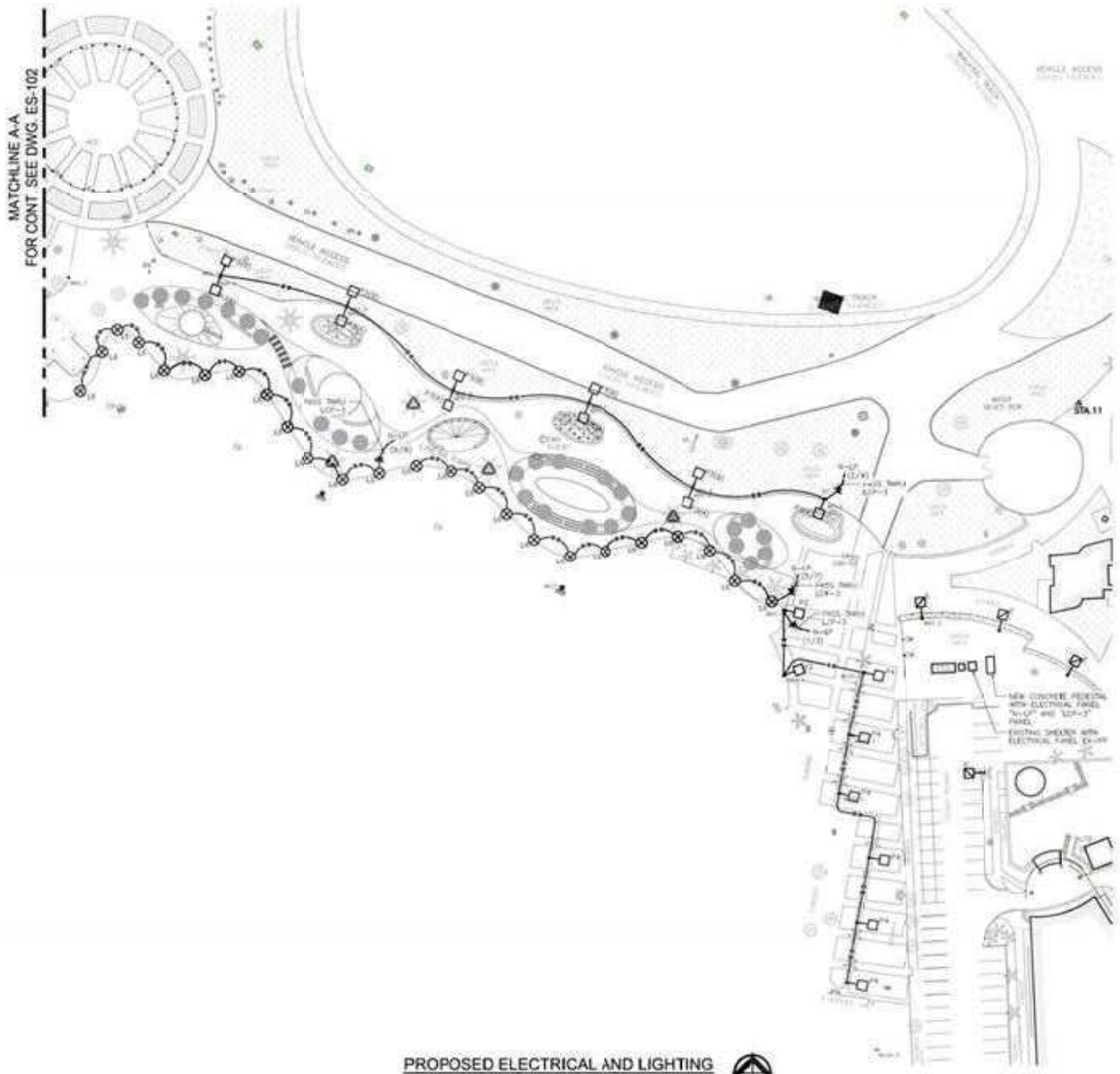
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TEODER MILENIO PARK

A.L.M. 23.7

NUMBER	TOTAL
73	83

DRAWING NUMBER

ES-102



PROPOSED ELECTRICAL AND LIGHTING
PARTIAL SITE PLAN
SCALE: 1:400

NOTES:

1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001
2. FOR LIGHTING SITE SCHEDULE SEE DWG. ES-101
3. REFER TO STRUCTURAL DRAWINGS FOR POLE CONCRETE BASES.
4. FOR LUMA GENERAL NOTES SEE DWG. ES-100.
5. REFER TO DWG. ES-101 FOR THE SKATE PARK LIGHTING POLE SCHEDULE.

LIGHTING SITE LEGEND:

NEW SINGLE ARM POLE AND LUMINAIRE. "P1" INDICATES POLE AND LUMINAIRE DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAIL.

SAME AS ABOVE, BUT DOUBLE ARM.

NEW LIGHTING BOLLARD. "L1" INDICATES BOLLARD DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAILS.

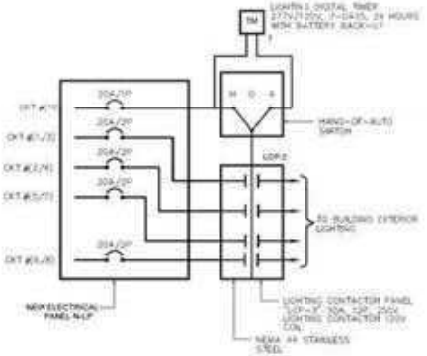
NEW LIGHTING CIRCUIT. 24" BELOW FINISHED GRADE. SHOWN INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT. THE LONGEST LINE BEING THE NEUTRAL, THE SHORT LINE BEING THE LIVE CONDUCTORS, AND 1/4" GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #P INDICATES THE CONDUCTOR SIZE IF NO GAGE(S) OR CONDUCTOR SIZE ARE SHOWN. (#12AWG IN A 1" CONDUIT. SLOW)

HOME RUN TO PANEL. 24" BELOW FINISHED GRADE. "NP" INDICATES DESTINATION PANEL AND THE NUMBERED INDICATED CIRCUIT NUMBERS OF NUMBERS ARE SEPARATED BY "/". THIS MEANS THAT IS A MULTIPLE CIRCUIT(SHOWN INDICATED AMOUNT OF CONDUCTORS IN THE CONDUIT. THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND 1/4" GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #P INDICATES THE CONDUCTOR SIZE IF NO GAGE(S) OR CONDUCTOR SIZE ARE SHOWN. (#12AWG IN A 1" CONDUIT. SLOW)

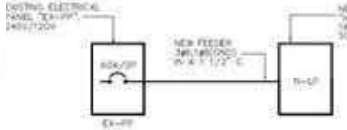
EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE POWER.

SAME AS ABOVE, BUT DOUBLE ARM.

NEW SKATEPARK LIGHTING POLE AND LUMINAIRES. REFER TO MUSCO POLE SCHEDULE FOR DETAILS.



LCP-3 LIGHTING CONTACTOR PANEL DIAGRAM



ELECTRICAL DIAGRAM

HERNANDEZ-BAUZA PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TEODER MILENIO PARK

PROPOSED ELECTRICAL AND LIGHTING PARTIAL SITE PLAN

COMPUTER PLOT

NUMBER 74 TOTAL 83

DRAWING NUMBER ES-103

Escambrón Skate Park

San Juan,PR

DISPOSICIÓN DEL EQUIPO

Incluye:
- Skate REF

Requerimientos del Sistema Electrico:
Referirse a la Tabla de Amperaje o al Resumen del Sistema de Control MUSCO para tamaño del cable.

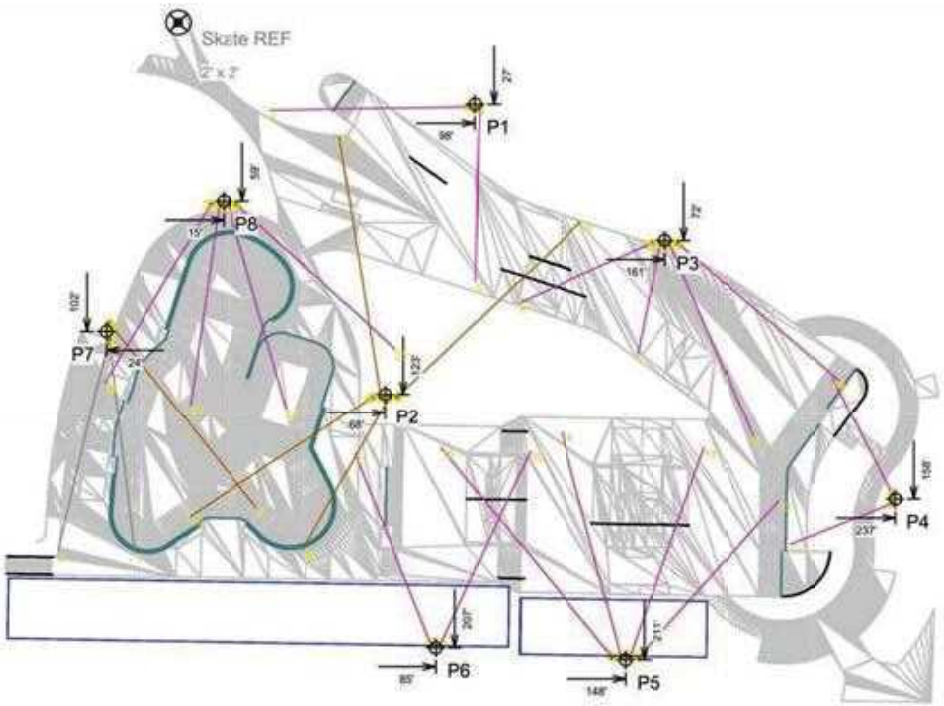
Requerimientos de Instalación: Resultados asumen ± 3% del voltaje nominal al lado de la línea del conductor y estructuras ubicadas dentro de 1m de ubicación del diseño.

Listado de equipo para área mostrada

Poste				Luminarias		
Cant.	UBICACIÓN	TAMAÑO	Nivel de Terreno ELEVACIÓN	Altura de Montura	Tipo de Lampara	Cant./ POSTE
2	P1, P4	50'	-	50'	TLC-LED-550	2
1	P2	70'	5.5'	75.5'	TLC-LED-550	4
2	P3, P8	50'	-	50'	TLC-LED-550	4
1	P5	60'	-	60'	TLC-LED-550	4
1	P6	60'	25'	60.25'	TLC-LED-550	2
1	P7	50'	-	50'	TLC-LED-550	3
8	TOTALES					25

TABLA DEL AMPERAJE POR LÁMPARA

Driver (.90 factor de potencia min.)	Linea de amperaje por lámpara (máximo consumo)						
Tensión Monofasico	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-550	3.2	3.0	2.8	2.4	1.9	1.8	1.4



HERNANDEZ-BATTAT P.S.C. ARCHITECTS
[illegible]

OWNER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MAS.J.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING TITLE
SKATE PARK PHOTOMETRY AND SPECS

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	09/15/21	ADD SKATE	LM	JH

PROJECT NO.

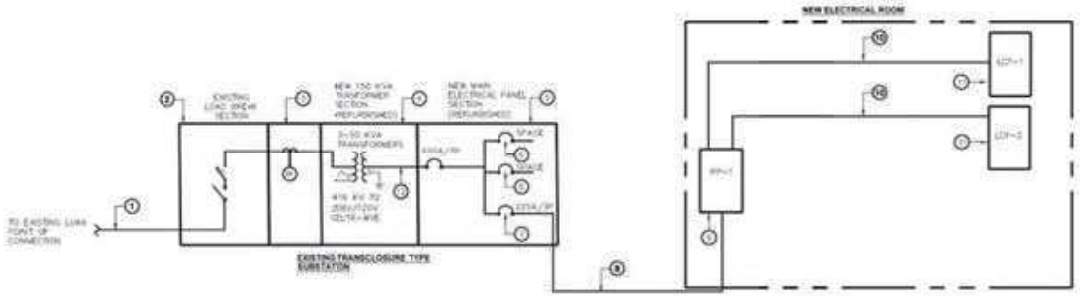
DRAWING NO.
ELEVATIONS, DETAILS AND SCHEDULES

R.L.M. 23.1

NUMBER 75 | TOTAL 83

DRAWING NUMBER
ES–104

[illegible]



SKATE PARK ELECTRICAL DIAGRAM

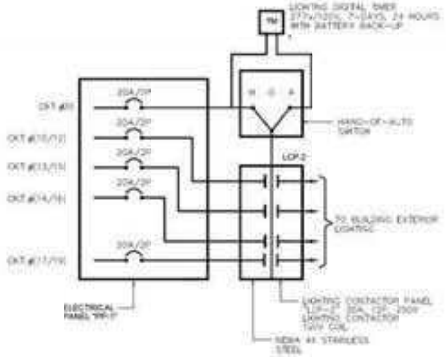
SKATE PARK DIAGRAM LEGEND:

1. EXISTING PRIMARY FEEDER TO REMAIN.
2. EXISTING PRIMARY LOAD BREAK SWITCH SECTION TO REMAIN. FUSE SIZE TO BE CHANGE TO 10E.
3. EXISTING LUMA METER SECTION TO REMAIN.
4. EXISTING TRANSFORMER SECTION TO REMAIN AND TO BE REFURBISHED, BUT THE EXISTING TRANSFORMERS AND ALL OF THE RELATED EQUIPMENT TO BE REMOVED. INSTALL 3-150 KVA TRANSFORMERS, ONE PHASE, 4.16 KV DELTA PRIMARY AND 208Y/120V WYE SECONDARY, 4-WIRE, SOLID NEUTRAL WYE SECONDARY SERVICE WITH 4-2 1/2% TAPS BELOW NOMINAL PRIMARY VOLTAGE. TRANSFORMER MUST BE COMPLY WITH THE DEPARTMENT OF ENERGY REGULATIONS AND STANDARDS.
5. EXISTING MAIN DISTRIBUTION PANEL SECTION TO REMAIN AND TO BE REFURBISHED. EXISTING MAIN ELECTRICAL PANEL AND BREAKERS TO BE REMOVED AND REPLACED WITH A NEW MAIN ELECTRICAL PANEL 600A, 208Y/120V, 3Ø, 4 WIRE, 42 KAIC WITH MAIN BREAKER.
6. NEW SPARE SPACE FOR FUTURE BREAKERS.
7. NEW CIRCUIT BREAKER TO BE INSTALLED. AMPERES AND POLES AS INDICATED.
8. NEW FEEDER 4-250 KCMIL THHN COND IN A 3 1/2" CONDUIT.
9. NEW ELECTRICAL DISTRIBUTION PANEL. SEE PANEL SCHEDULE FOR DETAILS.
10. NEW VARIOUS LIGHTING CIRCUITS. REFER TO LIGHTING CONTACTORS DIAGRAM FOR DETAILS.
11. NEW LIGHTING CONTACTOR PANEL. SEE LIGHTING CONTACTOR DIAGRAM FOR DETAILS.
12. NEW SECONDARY FEEDER TWO (2) SETS EACH CONSISTING OF 4-350 KCMIL THHN CONDUCTORS.

TRANSCLOSURE REFURBISH NOTES:

THE EXISTING SKATE PARK TRANSCLOSURE SUBSTATION MUST BE REPAIR. THE FOLLOWING JOBS MUST BE DONE AS PART OF THE REPAIR.

1. COORDINATE ALL OF THE WORK WITH LUMA BEFORE PURCHASING ANY EQUIPMENT AND STARTING ANY WORK.
2. CLEAN AND REPAIR THE EXTERIOR AND INTERIOR OF THE SUBSTATION.
3. REPLACE THE PRIMARY FEEDER, TERMINALS AND ANY RELATED ITEM FROM THE PRIMARY LOAD BREAK UP TO THE TRANSFORMER SECTION.
4. REPLACE THE EXISTING TRANSFORMERS WITH THE TRANSFORMER SPECIFIED IN THE ELECTRICAL DIAGRAM.
5. PERFORM THE ELECTRICAL CONNECTIONS IN THE TRANSFORMER SECTION WITH THE NECESSARY MATERIALS AND WITH THE GROUNDING REQUIREMENTS FROM LUMA.
6. REMOVE AND REPLACE THE EXISTING SECONDARY FEEDER AND TERMINALS WITH THE SPECIFIED ON THE ELECTRICAL DRAWINGS.
7. REMOVE AND REPLACE THE EXISTING MAIN DISTRIBUTION PANEL AND CIRCUIT BREAKERS WITH THE SPECIFIED ON THE ELECTRICAL DIAGRAM.
8. WORK MUST BE PERFORM FOLLOWING THE NATIONAL ELECTRICAL CODE AND LUMA REQUIREMENTS.
9. WORK MUST BE PERFORM AND CERTIFIED BY AN LICENSED ELECTRICIAN.



LCP-2 LIGHTING CONTACTOR PANEL DIAGRAM

HERNANDEZ-BAILEY PRS ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MSJ

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

ELECTRICAL DIAGRAM

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	09-04-23	PER AGENCY	HB	JH

SHEET NUMBER 76 | TOTAL 83

DRAWING NUMBER ES-105

LUMA/P.R.E.P.A. GENERAL NOTES:

1. THIS DRAWINGS ARE AN EXACT COPY OF THE DRAWINGS SUBMITTED TO THE OCPE.
2. BEFORE STARTING DATE OF THE PROJECT THE OWNER IS RESPONSIBLE IN OBTAINING ALL THE NECESSARY ENDORSEMENTS AND PERMITS FROM ALL THE STATE, MUNICIPALITY AND FEDERAL GOVERNMENT AGENCIES THAT COULD BE REQUIRED FOR THIS TYPE OF PROJECT.
3. THE OWNER SHALL CONTRACT THE SERVICES OF A LICENSE ENGINEER TO INSPECT ALL THE ELECTRICAL WORKS IN ACCORDANCE WITH THE CERTIFIED LAW (LAW NO. 7, JULY 19, 1995) AND THE P.R.E.P.A. MANUAL "REGLAMENTOS DE CERTIFICACION DE PLANOS DE PROYECTOS DE CONSTRUCCION ELECTRICA" THE OWNER IS RESPONSIBLE OF NOTIFYING THE P.R.E.P.A. THE ASSIGNED PRIVATE INSPECTOR BEFORE STARTING ANY WORKS.
4. ALL CONSTRUCTION SHALL BE MADE IN A WORKMAN LIKE MANNER AND ACCORDANCE WITH THE SPECIFICATIONS AND CONSTRUCTION DRAWINGS. THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, NESC, IEEE, NEMA AND ANSI STANDARDS SHALL BE FOLLOWED, EXCEPT WHERE LOCAL REGULATIONS ARE MORE STRINGENT, IN WHICH CASE LOCAL REGULATIONS SHALL GOVERN.
5. THE CONTRACTOR IS NOT AUTHORIZED TO MAKE CHANGES FROM THE ELECTRICAL DESIGN. IT SHOULD BE RESPONSIBLE TO CONSULT THE ELECTRICAL DESIGNER OF THE PROJECT INSPECTOR ANY DOUBTS OF INTERPRETATIONS OF THE DRAWINGS, EXECUTION OF THE WORK, TECHNICAL SPECIFICATIONS OR ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THE PROPOSED DESIGN.
6. THE OWNER OF ELECTRIC CONTRACTOR WILL NOTIFY THE PREPA TIME BEGINNING OF THE WORKS OF THE PROJECTS BY MEANS OF THE DELIVERY A START NOTIFICATION DOCUMENT TO THE CORRESPONDING REGION'S DISTRIBUTION ENGINEERING DEPARTMENT.
7. THE PRIVATE INSPECTOR AND THE CONTRACTOR ARE RESPONSIBLE IN ASSISTING TO A PRE-CONSTRUCTION MEETING TO COORDINATE ALL THE WORKS WITH THE ENGINEERING DISTRIBUTION DEPARTMENT OF THE CORRESPONDING REGION.
8. ALL WORKS NEEDED TO BE DONE IN THE EXISTING ENERGIZED P.R.E.P.A. LINES INCLUDING CONNECTING THE PROJECT HAS TO BE DONE BY P.R.E.P.A. THE OWNER WILL BE RESPONSIBLE OF ALL THE EQUIPMENT COST, MATERIALS AND LABOR. THE OWNER SHALL REQUEST TO THE P.R.E.P.A. AN ESTIMATE OF THE NECESSARY WORKS. THE ESTIMATE WILL BE VALID FOR A PERIOD OF THREE (3) MONTHS AFTER BEING EXPEDITED.
9. IT WILL BE PROHIBIT TO DO ANY WORK IN THE EXISTING P.R.E.P.A. RIGHT-OF-WAY WITH OUT A WRITTEN AUTHORIZATION LETTER FROM THE P.R.E.P.A.
10. THE P.R.E.P.A. WILL NOT AUTHORIZE ANY CONNECTION IF THERE IS A RIGHT-OF-WAY INVASION CONDITION OR IF THE LINES DOES NOT COMPLY WITH THE SECURITY CLEARANCES.

SPECIAL LUMA/P.R.E.P.A. NOTES:

1. THE OWNER OF THE PROJECT MUST CONTRIBUTE:
   - [ ] THE AMOUNT OF $62,00 FOR IMPROVEMENTS IN THE EXISTING ELECTRICAL INFRASTRUCTURE.
   - [x] REQUIRED WORKS STIPPED IN THE EVALUATION OF THIS PROJECT DATE IN DECEMBER 16, 2022.

   THIS CONTRIBUTION ARE DONE ACCORDING TO THE PROPOSED AGREEMENT WITH THE "REQUIREMENTS PARA DETERMINAR Y COBRAR LAS APORTACIONES DE PERSONAS O INSTITUCIONES EN PROYECTOS DE DESARROLLO VIGENTE".
2. P.R.E.P.A. WILL NOT ENERGIZE THE SYSTEM UNTIL ALL THE CORRESPONDING RIGHTS-OF-WAY, ON THE PROJECT AND/OR OFF-SITE, HAVE BEEN GRANTED AS REQUIRED IN THE "REGLAMENTO DE SERVIDUMBRE PARA LA AUTORIDAD DE ENERGIA ELECTRICA". THIS REQUIREMENT AND NOTES APPLIES TO ALL REQUIRED RIGHT-OF-WAYS, INSIDE OR OUTSIDE OF THE PROJECT LIMITS.
3. THE INSTALLATION OF THE METERING EQUIPMENT MUST BE CONSULTED AND COORDINATED WITH METERING OFFICE OF THE CORRESPONDING REGION. THE DESIGNER ON THE ELECTRICAL CONTRACTOR MUST MAKE SURE TO CONSULT WITH THE METERING OFFICE THE EQUIPMENT AND MATERIALS TO BE USED AND THE LOCATION OF THE PROPOSED EQUIPMENTS.
4. IT IS NOT PERMITTED TO INSTALL TRANSFORMERS, SUBSTATION OR ANY ELECTRICAL EQUIPMENT ABOVE NEARBY OF WATER INFRASTRUCTURE.

LUMA/P.R.E.P.A. MATERIAL NOTES:

1. ALL THE EQUIPMENT TO BE USED SHALL COMPLY WITH THE IEEE, ANSI, NEMA AND ASTM STANDARDS.
2. THE CONTRACTOR IS RESPONSIBLE OF VERIFYING THAT ALL THE MATERIALS OR EQUIPMENTS ARE APPROVED BY THE P.R.E.P.A. BEFORE ANY PURCHASE AND INSTALLATION. THE P.R.E.P.A. RESERVES THE RIGHT OF ACEPTING ANY EQUIPMENT.
3. WITHIN (1) MILE OF THE SEASHORE, ALL ENCLOSURES, EQUIPMENT AND MATERIALS SHALL BE STAINLESS STEEL, EXCEPT THE METERING SHIELD.
4. ALL UNDERGROUND P.R.E.P.A. ELECTRICAL LINES SHALL USE PRIMARY CABLES WITH 15 KV TERMINATIONS FOR DISTRIBUTION SYSTEMS AND AN 8.7 TERMINATIONS FOR 38 KV ELECTRICAL LINES.
5. AERIAL P.R.E.P.A. ELECTRICAL LINES SHALL USE 15 KV POLYMER INSULATION TERMINALS FOR DISTRIBUTION LINES AND 41 KV TERMINALS FOR 38 KV ELECTRICAL LINES.
6. THE CONTRACTOR IS RESPONSIBLE TO PAINT IN ALL THE TRANSFORMERS THE PROPERTY NUMBER ASSIGNED BY THE CORRESPONDING ENGINEERING DISTRIBUTION DEPARTMENT.

LUMA/P.R.E.P.A. SYSTEM NOTES:

1. THE OWNER IS RESPONSIBLE FOR TESTING ALL THE PRIMARY AND SECONDARY CABLES WITH THEIR CORRESPONDING TERMINATIONS. THE TEST RESULTS SHALL BE IN ACCORDANCE WITH THE PARAMETERS ESTABLISHED BY THE P.R.E.P.A. THIS TEST MUST BE PERFORMED IN COORDINATION WITH A REPRESENTANT FROM P.R.E.P.A. INSPECTION OFFICE OF THE CORRESPONDING REGION.
2. DURING THE CABLE INSTALLATION, THIS MUST BE PROTECTED FROM MOISTURE AND ABRASIONS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE CABLE USING RECOMMENDED PRACTICES TO NOT EXCEED THE TENSIONS SPECIFIED FOR THE CABLE.
3. ALL THE COVERS OF ANY MANHOLE INSTALLED IN THE PLANTING AREA SHALL BE PROTECTED WITH REINFORCED CONCRETE ACCORDING TO THE P.R.E.P.A. STANDARD UAD-53.
4. WHERE THE PROJECT IS LOCATED WITHIN ONE (1) MILE OF THE SEASHORE THE RISER SHALL BE PVC SCH. 80 OR FIBERGLASS APPROVED BY THE P.R.E.P.A.
5. ALL UNDERGROUND TRENCHES SHALL BE INSPECTED BY THE P.R.E.P.A. BEFORE IT IS COVERED AND COMPACTED.
6. ALL UNDERGROUND ELECTRICAL LINES UNDER OR EXPOSED VEHICULAR TRAFFIC AREA SHALL BE PROTECTED WITH CONCRETE. WHERE OTHER UTILITIES ARE PRESENT IT MUST MAINTAIN A MINIMUM CLEARANCE OF 12".
7. THE CONTRACTOR SHALL PROVIDE SPARES FUSES EQUAL TO THE AMOUNT USED IN THE SUB-STATION.
8. ALL THE GROUND CONNECTION SHALL BE COMPRESSION OR THERMO-WELD TYPE.
9. THE CONTRACTOR SHALL PROVIDE A PYMARC FOR ALL SPARE CONDUITS.
10. MAXIMUM RESISTANCE TO GROUND SHALL BE 10 OHMS OR LESS. A GROUND ROD SHALL BE INSTALLED TO CONNECT THE NEUTRAL EVERY FOUR (4) POLES OR EVERY 1,000 FEET AND IN ALL THE TRANSFORMERS.
11. EACH POLE CONCRETE BASE SHALL INCLUDE TWO (2) SPARE CONDUITS FOR FUTURE USE, AS REQUIRED BY THE P.R.E.P.A.
12. EACH POLE CONCRETE BASE SHALL INSPECTED BY THE P.R.E.P.A. IN THE CONSTRUCTION STAGE.

IMPORTANT NOTES:

PROJECTS LESS THAN ONE (1) MILE FROM SEASHORE

1. ALL ELECTRICAL EQUIPMENT ENCLOSURES NOT RELATED TO PREPA, LOCATED OUTDOORS SHALL BE RAIN TIGHT AND STAINLESS STEEL OR APPROVED UV LIGHT RESISTANT PLASTIC.
2. SUPPORTS CHANNELS (UNISTRUT) SHALL BE OF STAINLESS STEEL OR ALUMINUM MATERIALS.
3. CONDUITS STRAPS SHALL BE OF ALUMINUM OR STAINLESS STEEL MATERIAL.
4. DISSIMILAR METALS SHALL BE SEPARATED BY A DIELECTRICS GASKET.
5. EXPOSED CONDUITS SHALL BE PVC SCH. 80 OR PAINTED RGS CONDUITS.
6. SUB-STATION TRANSCLOSURES, TRANSFORMERS AND PREPA EQUIPMENT CABINET SHALL BE STAINLESS STEEL AS PER PREPA SPECIFICATIONS.
7. OUTDOOR HIGH VOLTAGE CABLE TERMINATIONS SHALL BE RATED 27 KV.
8. SUB-STATION LOUVERS WINDOWS SHALL BE STAINLESS STEEL.

IMPORTANT EVALUATION LETTER NOTES:

1. THE CONTRACTOR AND OWNER MUST COORDINATE THE DETAILS AND COST OF THE JOBS WITH THE SAN JUAN ENGINEERING OFFICE TO FORMALIZE THE COST ESTIMATE REQUEST.
2. IT IS REQUIRED TO INCLUDE AS PART OF THE DESIGN THE INSTALLATION OF FUSE CUT-OUTS WITH FUSE PROTECTION AT THE POINT OF CONNECTION OR IN THE FIRST POLE OF THE PROJECT.
3. ONCE THE DESIGN PLANS ARE ENDORSED THE CONTRACTOR AND THE OWNER MUST REQUEST A COST ESTIMATE OF THE WORK DESCRIBED ON PART # 4. THEN A REQUEST MUST BE MADE FOR THE PAYMENT MATERIAL TO PERFORM THE DESIGNED IMPROVEMENTS. ONCE THE PAYMENT HAS BEEN MADE, THREE (3) MONTHS BEFORE STARTING ANY WORK A COPY OF THE PAYMENT RECEIPT MUST BE SUBMITTED TO THE PONCE ENGINEERING REGION.
4. THE PROJECT OWNER MUST COORDINATE ALL WORKS WITH THE SAN JUAN DISTRICT MANAGER THE PRIMARY VOLTAGE TO BE USED, PRIOR TO THE PURCHASE OF THE TRANSFORMERS.
5. THE LUMA EVALUATION OF THE POINT OF CONNECTION DOES NOT CONSTITUTE A REVISION OF THE DESIGN PLANS. THE DESIGNER IS RESPONSIBLE FOR COMPLYING WITH CODES, REGULATIONS, MANUALS, STANDARDS, AND APPLICABLE REGULATION ARE IN ACCORDANCE WITH THE ELECTRICAL SYSTEM OF PUERTO RICO. IN ADDITION, THE DESIGN MUST COMPLY WITH THE PLANNING REGULATION NUMBER 22, AS REQUIRED BY OGPE.
6. THE PROJECT OWNER OR HIS REPRESENTATIVE MUST NOTIFY THE SAN JUAN REGION ENGINEERING DISTRIBUTION OFFICE (HOPE.GONZALEZSANLUIS@LUMAPR.COM) THE BEGINNING OF THE WORK AFTER THE ENDORSEMENT OF THE PLANS AND PRIOR TO THE ELECTRICAL WORKS OF THE PROJECT BEGINS FOR THE REQUIRED INSPECTION, APPROVAL, AND THE NECESSARY COORDINATION.
7. FOR ALL SERVICES FOR EXCLUSIVE USE, THE PROJECT OWNER WILL PROVIDE ALL THE NECESSARY MATERIALS, INCLUDING THE TRANSFORMERS.
8. "ESTE PROYECTO REQUIERE CONTRATO DE CUENTAS AL POR MAYOR, EL CUAL ES REQUISITO QUE SE FIRME PREVIO A LA ENERGIZACION DEL PROYECTO. EL TIPO DE MEDICION, LOS EQUIPOS A UTILIZARSE Y LA UBICACION DEL EQUIPO DE MEDICION FUE COORDINADA CON EL GERENTE DE ESTANDARES Y PROCEDIMIENTOS."
9. LUMA WILL SELECT THE TYPE OF METERING EQUIPMENT TO BE INSTALLED IN THE PROJECT ACCORDING TO THE SERVICE REQUESTED AND THE EQUIPMENT AVAILABILITY. THE CONTRACTOR MUST COORDINATE WITH TO PROVIDE THE METER BASE SPECIFICATIONS BEFORE STARTING THE CONSTRUCTION WORK.
10. IF THE PROJECT REQUIRES THE INSTALLATION OF SECONDARY OR PRIMARY METERING FOR ONE OR MORE AVAILABLE RATES/ SERVICES, THE ELECTRICAL DESIGNER HAS TO COORDINATE WITH THE DIRECTOR OF METERING AT CONSULTA.MEDICIONES@LUMAPR.COM FOR THE TYPE OF METERING EQUIPMENT THAT WILL BE USE IN THE PROJECT AND THE LOCATION OF THE EQUIPMENT. LUMA WILL SELECT THE TYPE OF METERING EQUIPMENT TO BE INSTALLED IN THE PROJECT ACCORDING TO THE REQUESTED SERVICES AND ITS AVAILABILITY.



HERNANDEZ-BATIZ PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT MAYS.

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

LUMA NOTES

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	10/12/22	ADD AS-BUILT	LM	LM

PROJECT #

DRAWING SCALE: AS SHOWN

A.L.M. | J.S.T.

NUMBER	TOTAL
77	83

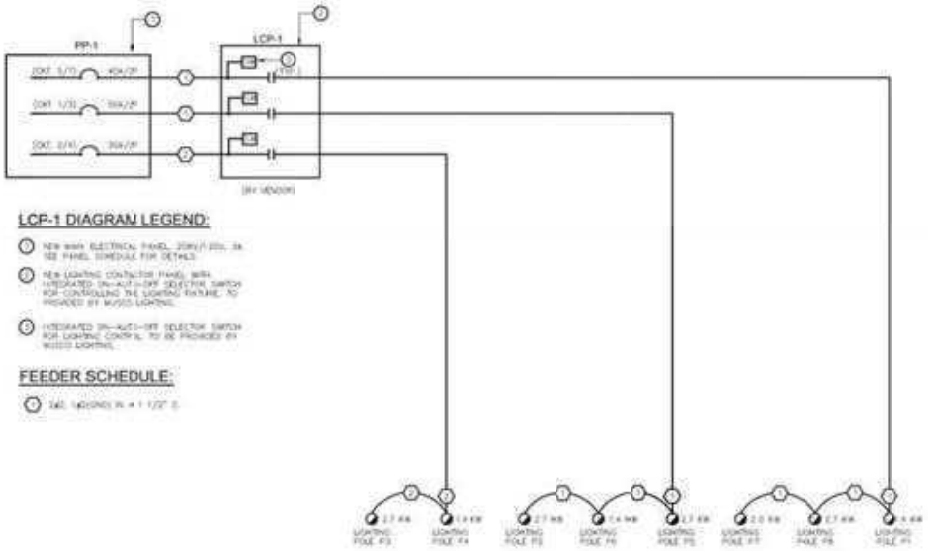
DRAWING SHEET #

ES-106

SITE LIGHTING FIXTURE SCHEDULE

ITEM	EQUIPMENT DESCRIPTION	LAMPS NO. AND TYPE	POLE	VOLTAGE	MANUFACTURER MODEL NUMBER	REMARKS
P1	POLE MOUNTED LUMINAIRE	LED/ 7423 LUMENS/75W/3000K/ TYPE II	25'-0" ALUMINUM 6" ROUND	208V~240V	LUMINAIRE, MODEL RLDM-SC2-VOLT-CCT-SL-MED-30K-CRI80-2-FINISH-DM-DRC-PF4WM AS MANUFACTURED BY LUMENPULSE POLE: 75-0-E-RL-6-11-14-FINISH-BC-BDN-17E-DRC-AB AS MANUFACTURED BY LUMENPULSE	1 2 3
P2	POLE MOUNTED LUMINAIRE	LED/ 7423 LUMENS/75W/3000K/ TYPE III	25'-0" ALUMINUM 6" ROUND	208V~240V	LUMINAIRE, MODEL RLDM-SC2-VOLT-CCT-MED-30K-CRI80-3-FINISH-DM-DRC-PF4WM AS MANUFACTURED BY LUMENPULSE POLE: 75-0-E-RL-6-11-14-FINISH-BC-BDN-17E-DRC-AB AS MANUFACTURED BY LUMENPULSE	1 2 3
P3A P3B	POLE MOUNTED LUMINAIRE	P3A=LED/7423 LUMENS/75W/3000K/ TYPE III P3B=LED/8078 LUMENS/75W/3000K/ TYPE III	75'-0" DOUBLE ARM ALUMINUM 6" ROUND	208V~240V	DUAL LUMINAIRE, MODEL RLDM-SC2-VOLT-CCT-MED-30K-CRI80-3-FINISH-DM-DRC-PF4WM AS MANUFACTURED BY LUMENPULSE POLE: 75-0-E-RL-6-11-14-FINISH-BC-BDN-SYE-DRC-AB AS MANUFACTURED BY LUMENPULSE	1 2 3
P4	POLE MOUNTED LUMINAIRE	LED/ 12693 LUMENS/119W/3000K/ TYPE IV SQUARE	25'-0" ALUMINUM 6" ROUND	208V~240V	LUMINAIRE, MODEL RLDM-SC2-VOLT-CCT-MED-30K-CRI80-3-FINISH-DM-DRC-PF4WM AS MANUFACTURED BY LUMENPULSE POLE: 75-0-E-RL-6-11-14-FINISH-BC-BDN-SYE-DRC-AB AS MANUFACTURED BY LUMENPULSE	1 2 3
L1	2'-0" ALUMINUM BOLLARD	LED/5101 LUMENS/118/3000K/TYPE IV	2'-0" ALUMINUM BOLLARD	208V~240V	EQUAL OR APPROVED EQUAL TO MODEL RLDN-PM1-VOLT-SET-CSL-MED-30K-CRI80-3-FINISH-DM-DRC AS MANUFACTURED BY LUMENPULSE	1 2 3

1. CORROSION RESISTANT
2. SEE STRUCTURAL DRAWINGS AND THE MANUFACTURER RECOMMENDATIONS FOR THE CONCRETE BASE DETAIL
3. OBTAIN THE FINAL APPROVAL OF FINISHES WITH THE PROJECT ARCHITECT



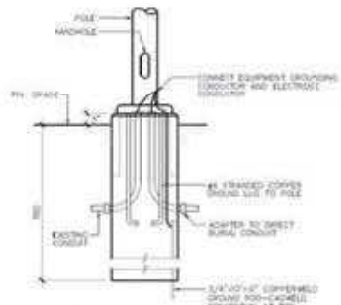
LCP-1 DIAGRAN LEGEND:

1. NEW MAIN ELECTRICAL PANEL, 208V/1-PH, 3W. SEE PANEL SCHEDULE FOR DETAILS.
2. NEW LIGHTING CONTACTOR PANEL WITH INTEGRATED ON-AUTO-OFF SELECTOR SWITCH FOR CONTROLLING THE LIGHTING FIXTURE, TO PROVIDED BY MUSCO LIGHTING.
3. INTEGRATED ON-AUTO-OFF SELECTOR SWITCH FOR LIGHTING CONTROL TO BE PROVIDED BY MUSCO LIGHTING.

FEEDER SCHEDULE:

1. SEE SCHEDULE IN # 1 1/2" C.

"LCP-1" SKATE PARK LIGHTING CONTACTOR PANEL DIAGRAM



POLE GROUNDING

HERNANDEZ-BATTER P.S.C. ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MUSJ

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TEODER MILENIO PARK

SITE SCHEDULE AND LIGHTING DIAGRAM

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	09/15/23	ADD SELLOS	HB	JM

PROJECT NO.

ELECTRICAL & MECHANICAL

SCALE: 1/2"

SHEET NUMBER	TOTAL SHEETS
78	83

DRAWING NUMBER

ES-107

GENERAL NOTES:

(NOT ALL NOTES APPLY)

1. COMPLY WITH LATEST NATIONAL ELECTRICAL CODE (NEC) AND WITH ALL LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN REQUIREMENTS, CONFORM WITH THE MOST RESTRICTIVE.
2. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE AUTHORITIES.
3. VERIFY ALL ELECTRICAL EQUIPMENTS AND EXACT LOCATION OF EQUIPMENT WITH DRAWINGS AND SPECIFICATIONS. CHECK AND VERIFY ALL DIMENSIONS IN THE FIELD.
4. COORDINATE THE LOCATION OF ALL ELECTRICAL EQUIPMENT, LIGHTING FIXTURES, RACEWAYS, ETC. WITH THE OTHER TRADES, SO AS TO AVOID INTERFERENCES WITH DUCTWORK, PIPING, BUILDING STEEL, ETC.
   A. MAINTAIN ADEQUATE ACCESS TO ALL JUNCTION, TERMINATION AND PULL
   B. MAINTAIN ADEQUATE ACCESS TO ALL EQUIPMENT FOR OPERATION
5. ALL MOUNTING HEIGHTS INDICATED ARE TO CENTERLINE OF DEVICE EXCEPT FOR LIGHTING FIXTURES AND AS OTHERWISE NOTED OR SPECIFIED. MOUNTING HEIGHTS FOR LIGHTING FIXTURES ARE TO BOTTOM OF UNIT.
6. CONDUIT ROUTINGS SHOWN ARE DIAGRAMATIC. COORDINATE ACTUAL ROUTINGS TO AVOID INTERFERENCES WITH ALL OTHER TRADES AND TO ADJUST TO EXISTING CONDITIONS.
7. SUPPORT WALL MOUNTED ELECTRICAL EQUIPMENT (I.E. PANELBOARDS, TRANSFORMER, ETC.) IN UNFINISHED DRAWING, SECURED TO FLOOR AND CEILING UNLESS WALL IS MASONRY TYPE WHICH IS SUITABLE CONSTRUCTION TO SUPPORT WEIGHT OF ELECTRICAL EQUIPMENT, OR EXCEPT AS OTHERWISE NOTED OR SHOWNED.
8. PROVIDE MINIMUM NO. 12 AWG COPPER WIRING FOR POWER AND LIGHTING SYSTEMS, INSTALLED IN 3/4 " CONDUIT MINIMUM, EXCEPT AS OTHERWISE NOTED OR SPECIFIED.
9. PROVIDE BRANCH CIRCUIT WIRING FOR 120 VAC SINGLE PHASE MOTORS, 1/3 HORSEPOWER AND LESS, CONSISTING OF TWO NO. 12 AWG AND ONE NO. 12 AWG GROUND IN 3/4 INCH CONDUIT.
10. WHERE OVERSIZED CONDUCTORS ARE INDICATED ON THE DRAWINGS, WHICH CANNOT BE SAFELY TERMINATED DUE TO DEVICE SIZE, SIZE AND/OR WIRE BENDING SPACE LIMITATIONS, PROVIDE A JUNCTION BOX AND NEC COMPLYING FLEXIBLE TAP OF SMALLER WIRE SIZE, SUITABLE FOR TERMINATION AT THE DEVICE.
11. PROVIDE ELECTRICAL EQUIPMENT, PANELS, DEVICES, BOXES, ETC., LISTED IN WET AREAS, SUITABLE FOR INSTALLATION IN WET LOCATIONS (I.E. WATERPROOF), EXCEPT OTHERWISE NOTED OR SPECIFIED.
12. THE CONTRACTOR SHALL PROVIDE ALL SUPPORTS AND BRACING SHOP AND DETAIL DRAWING FOR ALL ELECTRICAL EQUIPMENT AND COMPONENTS INSIDE AND OUTSIDE THE BUILDINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF SUCH SUPPORTS AND SEISMIC BRACING IN ACCORDANCE WITH ALL APPLICABLE CODES.
13. MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING EQUIPMENT TO REMAIN IN SERVICE.
14. BROOM CLEAN ALL WORK AREAS UPON COMPLETION OF WORK EACH DAY.
15. ALL EXPOSED SUPPORTS SHALL BE HOT DIPPED GALVANIZED UNLESS OTHERWISE NOTED.
16. ALL CONDUIT INSIDE BUILDING SHALL BE INSTALLED SUPPORTED FROM ROOF STEEL STRUCTURE. NO CONDUIT SHALL RUN 10" LOWER FROM STRUCTURE WHERE IT CAN BE AVOIDED.
17. PROVIDE CONDUIT SEALS IN ALL CONDUITS THAT ENTER CLEAN ROOM AND HAZARDOUS CLASSIFICATION BOUNDARIES.
18. ALL GROUND WIRES SHALL BE STRANDED COPPER AS FOLLOWS:
   A. MAIN GROUNDING CONDUCTOR #4/0 AWG BARE (FOR UNDERGROUND INSTALLATION) OR #4AWG IN 1" CONDUIT.
   B. BRANCHES TO EQUIPMENT, CEILINGS, ETC. #4/0 AWG BARE (FOR UNDERGROUND INSTALLATION) OR #4AWG IN A 1" CONDUIT.
   C. BOND CONDUIT AND GROUNDING WIRE AT BOTH ENDS OF CONDUIT RUN.
19. COMBINATION STARTER AND DISCONNECT SWITCH RATINGS, BREAKER, FUSE, POLES,STAMPED SIZE ARE TO BE INDICATED AT FOLLOWS:
   A. FOR EQUIPMENT CONNECTED TO THE MOTOR CONTROL CENTERS OR CONTROL PANELS SHALL BE INDICATED ON THE SINGLE LINE DIAGRAM BESIDE THE SYMBOL.
   B. FOR EQUIPMENT CONNECTED TO PANELBOARDS ON THE FLOOR PLANS, BESIDE THE SYMBOL.
20. CONDUCTOR INSULATION SHALL BE THWN-2 (90°C), USE XHHW-2 (90°C) TYPE CONDUCTOR FOR UNDERGROUND RUNS, DUCTS.
21. LIGHTING FIXTURES SHALL BE LOCATED AS SHOWN ON THE LIGHTING LAYOUTS. LOCATIONS SHALL BE CHECKED IN FIELD TO THAT WHEN FIXTURES ARE INSTALLED THEY AVOID CREATING SHADOWS BECAUSE OF INTERFERENCE FROM PIPING, STRUCTURAL MEMBERS OF EQUIPMENT. WHEN LIGHTING FIXTURE LOCATIONS ARE UNRESOLVED, FIXTURES SHALL BE INSTALLED AS SHOWN ON THE DRAWINGS.
22. ALL CIRCUIT AND FITTING SHALL BE RUN EXPOSED WHERE POSSIBLE AND TO BE SECURELY SUPPORTED AND EFFECTIVELY GROUNDED.
23. CONDUIT SHALL RUN ABOVE PROCESS LINES WHERE POSSIBLE.
24. CONDUIT SPACE IS ALLOCATED ON THE PIPING DRAWINGS. CONDUIT RUNS SHALL BE CONFINED TO THAT SPACE. EXACT LOCATION OF EACH CONDUIT WITHIN THE CONDUIT SPACE SHALL BE DETERMINED IN THE FIELD BY THE ELECTRICAL CONTRACTOR.
25. EXACT LOCATION OF INDIVIDUAL CONDUIT RUNS OUTSIDE THE ALLOCATED CONDUIT SPACE SHALL BE DETERMINED IN THE FIELD BY THE ELECTRICAL CONTRACTOR UNLESS DIMENSIONED ON THE DRAWINGS.
26. ALL WIRES WITHIN A CONDUIT SHALL BE KEPT SEGREGATED FROM ALL OTHER CIRCUITS IN OTHER CONDUITS FOR THE FULL LENGTH OF THE RUN, EXCEPT AS SHOWN ON CONTRACT ELECTRICAL CONSTRUCTION DRAWINGS. NO COMMON FULL BOXES SHALL BE INSTALLED.
27. IN OUTDOOR LOCATIONS CONDUIT SHALL ENTER EQUIPMENT FROM THE BOTTOM, WHERE SIDE OR TOP ENTRY IS REQUIRED, DRAIN FITTINGS SHALL BE INSTALLED.
28. CONDUIT DRAINS IN APPROPRIATE FITTINGS SHALL BE INSTALLED AT ALL LOW POINTS OF OUTDOOR CONDUIT SYSTEMS & INDOOR UNKNOWN AREAS.
29. SINGLE CONDUIT RUNS SHALL BE SECURE TO STRUCTURAL MEMBERS WITH RIGHT ANGLE OR PARALLEL BEAM CLAMPS OR EQUAL. MULTIPLE CONDUIT RUNS SHALL BE RUN ON CONDUIT SUPPORTS.
30. ALL UNDERGROUND CONDUIT SHALL BE ENCASED IN CONCRETE UNLESS OTHERWISE NOTED.
31. FITTINGS OR BOXES USED FOR SPLICING CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH N.E.C. ARTICLE 314.
32. USE PVC SCH. 40 CONDUIT WHEN CONCEALED IN CONCRETE OR UNDERGROUND. ALL EXPOSED CONDUITS IN THE EXTERIOR SHALL BE GALVANIZED RIGID STEEL (GRS).
33. USE PVC SCH. 40 CONDUIT WHEN CONCEALED IN CONCRETE OR UNDERGROUND. ALL EXPOSED CONDUITS IN THE EXTERIOR, DAMP LOCATIONS AND IN UNFINISHED AREAS SHALL BE RIGID GALVANIZED STEEL AND LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT FOR CONNECTIONS TO THE EQUIPMENT. USE EMT CONDUIT FOR INTERIOR AREAS, BUT EXCLUDING PROCESS AREAS. USE STAINLESS STEEL FOR EXPOSED CONDUITS IN CLEAN ROOMS AREAS.
34. WIRING DEVICE BOXES SHALL BE AS PER NATIONAL ELECTRICAL CODE, ARTICLE 314.
35. FINAL LOCATION OF THE ELECTRICAL EQUIPMENT SHALL BE COORDINATED BY THE CONTRACTOR BASED ON THE OUTSIDE ELECTRICAL DISTRIBUTION DRAWINGS BEFORE COMMENCING ANY CONSTRUCTION WORK.
36. USE CONCRETE – TIGHT CONNECTORS AND COUPLINGS FOR PVC CONDUIT.
37. CONDUITS SHALL BE 3/4" DIAM. (MINIMUM SIZE).
38. BRANCH CIRCUITS SHALL HAVE YOUR (SIZE) INDEPENDENT NEUTRAL (LOA).
39. ALL CONDUITS SHALL HAVE A MECHANICAL GROUND, COPPER CONDUCTOR GROUND SCREW WITH A NO. 12 THW COPPER GREEN WIRE JUMPER. (LOA)
40. CONTRACTOR SHALL BALANCE ALL LOADS.
41. LEAVE A NO. 12 AWG GALVANIZED PDH WIRE IN ALL SPARE CONDUITS.
42. ALL CONDUIT IN CONTACT WITH GROUND SHALL BE ENCASED IN CONCRETE 4" ALL AROUND (ALSO) OTHERWISE SPECIFIED.
43. ALL PANELBOARDS SHALL BE PROVIDED WITH A FACTORY INSTALLED GROUND BUS FOR CONNECTING TO GROUND THE GREEN WIRE IN ALL PVC CONDUITS, SIMILAR TO A NEUTRAL BUS.
44. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THE PROJECT COMPLETE AND READY FOR USE, INCLUDING CONNECTING NEW POWER CIRCUITS TO EXISTING SERVICES TO REMAIN.
45. THE CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE EXISTING ELECTRICAL SYSTEM PRIOR TO BIDDING.
46. CONTRACTOR SHALL COORDINATE THE CIVIL VOLTAGE OF MOTOR STARTERS FOR MIXERS AND AIR CONDITIONING UNITS.
47. DIMENSIONS OF JUNCTION BOXES OR PULL BOXES SHALL BE REVISED BY THE ELECTRICAL CONTRACTOR ACCORDING TO THE ACTUAL CONDITIONS TO SECURE AT LEAST PERMISSIBLE MINIMUM CABLE BENDING RADIUS.
48. CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR IN ORDER TO PROVIDE ALL CONTROL INTERLOCK.
49. CONTRACTOR SHALL VERIFY WITH THE MECHANICAL CONTRACTOR THE EXACT LOCATION OF THE MECHANICAL EQUIPMENT AND THE BEST LOCATION TO PROVIDE THE ELECTRICAL SERVICE FEEDER.
50. THE CONTRACTOR SHALL VERIFY THAT ALL WIRING INSIDE THE ELECTRICAL PANELS IS PROPERLY CONFINED WITH CIRCUIT NUMBER TAGS (HOT, NEUTRAL AND GROUND CONDUCTORS). PROVIDE TYPE WRITTEN CIRCUIT BREAKER DIRECTORY.
51. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL CONDUIT ROUTINGS AND COORDINATE WITH THE MECHANICAL AND STRUCTURAL TRADES.
52. ANY CONDUIT STUB-UPS SHALL BE TERMINATED 8"APT. IN A BOX CONDUIT WITH THE PROJECT ENGINEER PRIOR TO ANY ADDITIONAL WORK.
53. CONDUITS SHALL BE SECURELY FASTENED TO FLAGE, HANGERS, SUPPORTS OR FASTENINGS SHALL BE PROVIDED AT EACH ELBOW AND AT THE END OF EACH STRAIGHT RUN TERMINATING AT A BOX OR CABINET.
54. CONDUIT SHALL BE RUN IN A NEAT WORKMANLIKE MANNER AT RIGHT ANGLES AND PARALLEL TO BUILDING LINES. PARALLEL CONDUITS SHALL BE RUN STRAIGHT AND PLANE WITH UNIFORM AND SYMMETRICAL OFFSETS.
55. MOTOR CONTROLLERS, OVERLOADS SHALL BE ADJUSTED AS PER MOTOR NAMEPLATE INFORMATION.
56. THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL THE ELECTRICAL CONTROLS, SAFETY SWITCHES, CONDUITS FOR CONTROLS WIRES AND ACCESSORIES NOT INDICATED ON THE ELECTRICAL DRAWINGS THAT ARE NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN ACCORDANCE WITH THE MECHANICAL, ELECTRICAL AND THE PROCESS EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND STANDARDS FROM THE LOCAL AND FEDERAL REGULATING AGENCIES.
57. THE CONTRACTOR SHALL PERFORM ALL WIRING AND CONNECTIONS (POWER AND CONTROLS) NOT INDICATED ON THE ELECTRICAL DRAWINGS, BUT THAT ARE INCLUDED AS PART OF THE MANUFACTURERS' EQUIPMENT INSTALLATION MANUALS AND DRAWINGS, INCLUDING ANY REQUIRED DEVICES NOT SPECIFIC ON THE DRAWINGS BUT ARE NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN STRICT ACCORDANCE WITH THE NEC.
58. ALL PANELBOARDS, BREAKERS AND DISCONNECTIVE MEANS SHALL BE IDENTIFIED ACCORDING TO THE EQUIPMENT THEY SERVE USING THE OWNER'S IDENTIFICATION METHOD.
59. ALL PANELBOARDS, DISCONNECTIVE MEANS AND RECEPTACLES SHALL BE IDENTIFIED ACCORDING TO THE NEMA LOW VOLTAGE.
60. LIQUIDTIGHT FLEXIBLE CONDUIT SHALL BE INSTALLED AT FINAL CONDUIT CONNECTIONS TO MOTORS AND DEVICES SUBJECT TO VIBRATION OR REQUIRING PERIODIC REMOVAL. LIQUIDTIGHT FLEXIBLE CONDUIT SHALL BE SUITABLE FOR THE ELECTRICAL CLASSIFICATION OF THE AREAS.
61. HARDWARE AND SUPPORTS FOR MOUNTING OF LOCAL CONTROL PANELS (LCP'S), UNMOUNTED FIELD PANELS (FP'S) AND RECEPTACLES SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR.
62. ALL THE ELECTRICAL EQUIPMENT ENCLOSURES OF THE COMBINATION STARTERS, DISCONNECT SWITCHES, CONTROL PANELS, JUNCTION BOX OR ANY SIMILAR ELECTRICAL DEVICE SHALL BE NEMA 4X IN STAINLESS STEEL FOR EXTERIOR AND NEMA 1 FOR INTERIOR, UNLESS OTHERWISE NOTED.
63. IT IS IMPORTANT THAT THE ELECTRICAL CONTRACTOR VERIFIES THE SHOP DRAWINGS ELECTRICAL WIRING DIAGRAMS OF ALL THE PACKAGE UNITS INSTALLED (FEEDERS, BRANCHES, CONDUIT, ETC.). THE ELECTRICAL CONTRACTOR SHALL CONFIRM THAT THE ELECTRICAL INFRASTRUCTURE SPECIFIED ON DRAWINGS COMPLIES WITH THE REQUIREMENTS OF THE PACKAGE MANUFACTURER. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
64. ALL COMBINATIONS STARTER MOTOR CONTROLLER STARTER INDIVIDUALLY OR IN MCC'S SHALL PROVIDE HAND-OFF-AUTO SELECTOR SWITCH, START/STOP PUSH BUTTONS AND "GREEN" PILOT LIGHT INDICATOR FOR RUNNING CONDITION. IF SMALL MCC PROVIDE ALTERNATE CONTACTS TO SEND A SIGNAL TO A REMOTE LOCATION TO INDICATE THE STATUS OF THE MOTOR.
65. ALL RECEPTACLES AND LIGHTING SWITCH COVER PLATES SHALL BE WHITE COLOR.
66. ALL TELECOMMUNICATION AND FIRE ALARM DEVICES SHALL BE MOUNTED USING A 4 11/16" x 2 1/8" SQUARE JUNCTION BOX (LOA).
67. TELEPHONE/DATA CONDUIT RUNS SHALL BE COORDINATED WITH THE SYSTEM PROVIDER.
68. TELEPHONE CONDUIT RUNS SHOULD NOT HAVE MORE THAN TWO 90 DEGREES BENDS.
69. VALVES OTHERWISE INDICATED ALL OUTLETS SHALL BE FLUSH MOUNTED AND SHALL HAVE THEIR OWN INDEPENDENT OUTLET BOXES. MINIMUM SIZE OF THE OUTLET BOX TO BE 4 11/16" SQUARE AND 2 1/8" DEEP. EXACT SIZE SHALL BE DETERMINED ACCORDING TO THE MAXIMUM NUMBERS OF CONDUCTORS IN THE BOX AS PER N.E.C. ARTICLE 314 SECTION 16.
70. CONTRACTOR SHALL USE NEMA 1 ENCLOSURE FOR INTERIORS AND NEMA 4X STAINLESS STEEL FOR EXTERIOR AND DAMP LOCATIONS.
71. CONTRACTOR IS RESPONSIBLE TO VERIFY THAT ALL THE NEW ELECTRICAL EQUIPMENTS SUCH AS BREAKERS, CHARTERS, ETC. ARE COMPATIBLE WITH THE EXISTING ELECTRICAL INFRASTRUCTURE OF THE FACILITIES.
72. THE ENTIRE ELECTRICAL INSTALLATION SHALL CONFORM TO THE LATEST APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND LOCAL JURISDICTION REQUIREMENTS.
73. ALL ELECTRICAL EQUIPMENT SHALL BEAR THE UNDERWRITER'S LABORATORIES LABEL.
74. ALL ELECTRICAL EQUIPMENT SHALL BE NEW.
75. "PROVIDE" UNDER THIS CONTRACT IS DEFINED AS FURNISH AND INSTALL. "FURNISHED" UNDER THIS CONTRACT IS DEFINED AS HAVING BY ARCHITECTURAL WALLS AND DOORS. "EXISTING" UNDER THIS CONTRACT IS DEFINED AS VISIBLE TO VIEW. "INDICATED" UNDER THIS CONTRACT IS DEFINED AS SHOWN IN THE CONTRACT DOCUMENTS.
76. SWITCHES:
   A. THE LOCATIONS OF SWITCH OUTLETS SHALL BE VERIFIED BEFORE INSTALLATION BY THE CONTRACTOR WITH THE OWNER.
   B. WHERE TWO OR MORE DEVICES OF THE SAME VOLTAGE ARE SHOWN TOGETHER ON THE PLANS, A GANGED PLATE WILL BE USED. DEVICES OF DIFFERENT VOLTAGES SHALL BE SEPARATED HORIZONTALLY BY 6" BUT SHALL BE HORIZONTALLY OR VERTICALLY ALIGNED.
   C. ALL SWITCH AND ACCESS CONTROL OUTLETS SHOWN ON A WALL BACK TO BACK SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY.
   D. COORDINATE LIGHT SWITCHES ON DRAWINGS WITH DOOR SWINGS. LOCATE LIGHT SWITCH ON LOCK SIDE OF DOOR.
   E. ALL WIRING DEVICES SHALL BE SPECIFIED GRADE, COLOR TO MATCH EXISTING. MANUFACTURED BY P&S, LEVITON OR HUBBELL - PROVIDE STAINLESS STEEL DEVICE PLATES.
78. LIGHTING FIXTURES:
   A. COORDINATE RECESSED LIGHTING FIXTURES WITH SPRINKLERS, MECHANICAL EQUIPMENT AND ARCHITECTURAL CEILING PLAN. SPED LAYOUT ON PLANS IS APPROXIMATE. ADJUST AND COORDINATE LIGHTING FIXTURES IN FIELD.
   B. PROVIDE PAINTED FRAMES FOR ALL RECESSED LIGHTING FIXTURES. TYPE SHALL BE COMPATIBLE WITH CEILING. COORDINATE ALL FIXTURE TYPES WITH CEILING SYSTEM BEFORE ORDERING FIXTURES. PROVIDE ALL MOUNTING ATTACHMENTS FOR A COMPLETE INSTALLATION. LIGHTING FIXTURES SHALL BE SUPPORTED FROM BUILDING STRUCTURE INDEPENDENTLY FROM CEILING SYSTEM. FOR STEM MOUNTED FIXTURE CONTRACTOR SHALL PROVIDE TWO STEMS PER FIXTURE.
   C. ALL LIGHTING FIXTURES SHALL BE INSTALLED COMPLETE WITH LAMPS. SEE PLANS FOR SPECIFIC REQUIREMENTS.
79. BRANCH CIRCUITS & FEEDERS:
   A. ALL CONDUCTORS SHALL BE COPPER
80. CONDUCTOR INSULATION SHALL BE THWN-2 (90°C), USE XHHW-2 (90°C) TYPE CONDUCTOR FOR UNDERGROUND RUNS, DUCTS.
81. ALL CIRCUITRY SHALL BE RUN CONCEALED IN FINISHED AREAS. CIRCUITRY SHALL NOT BE PERMITTED TO BE RUN EXPOSED EXCEPT FOR DIRECT VERTICAL DROPS TO (F) RESPECTIVE SURFACE MOUNTED PANELBOARD.
82. ALL CIRCUITRY RUNS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL DETERMINE IN FIELD THE MOST SUITABLE ROUTES.
E. MINIMUM SIZE CONDUIT SHALL BE 3/4"Ø.
F. ALL WIRING SHALL BE COLOR CODED THROUGHOUT.
G. FINAL CONNECTIONS TO ALL MOTORS OR APPARATUS EQUIPMENT SHALL BE WITH LFMC CONDUIT.
H. EXPOSED AND CONCEALED CIRCUITRY SHALL BE RUN TIGHT TO CEILING SLAB IN A NEAT WORKMANLIKE MANNER. ALL RUNS SHALL BE PARALLEL OR PERPENDICULAR TO BUILDING WALLS & SECURED TO BUILDING STRUCTURE AND WALL ONLY.
I. ALL WIRES AND CABLES SHALL BE #12 AWG, EXCEPT WHEN OTHERWISE INDICATED (I.E. SWC), OR AS INDICATED BELOW FOR AMPS. CIRCUITS WIRE SIZING: ALL (2) AMPS, (20) VOLTS CIRCUIT RUNS SHALL BE AS FOLLOWS:
   S. TO 50' LENGTH, #12 AWG. 100' TO 150' LENGTH, #8 AWG.
   50' TO 100' LENGTH, #10 AWG. 150' TO 200' LENGTH, #6 AWG.
J. ALL BRANCH CIRCUITS AND FEEDERS SHALL BE EQUIPPED WITH SEPARATE INSULATED GROUND WIRE PER N.E.C. 250-95.
K. ALL SPLICES SHALL BE TAGGED AND IDENTIFIED IN PANELBOARDS AND PULLBOXES.
L. CONNECTORS FOR EMT CONDUIT SHALL BE OF THE COMPRESSION TYPE.
83. GROUNDING:
   A. ALL RECEPTACLES, LIGHTING FIXTURES, MOTORS, ETC., SHALL BE GROUNDED PER N.E.C. REQUIREMENTS. ALL CIRCUITS SHALL CONTAIN FULL SIZE INSULATED GROUND CONDUCTOR.
   B. ALL SYSTEMS SHALL BE GROUNDED AND BONDED PER N.E.C.
   C. MAXIMUM POINT TO POINT RESISTANCE TO GROUND SHALL NOT EXCEED 2.5 OHMS.
   D. CONNECTION TO STRUCTURAL STEEL SHALL BE DONE USING CADWELD.
84. EXISTING CONDITIONS AND DEMOLITION WORK
   A. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL THE EXISTING CONDITIONS THAT MAY AFFECT HIS WORK.
   B. THE CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE ALL DEMOLITION WORK. REMOVE, PACKAGE AND STORE ALL EXISTING ELECTRICAL EQUIPMENT NOTED TO BE RE-USED. REFURBISH ALL OF THIS EQUIPMENT PRIOR TO INSTALLATION PER NEW WORK.
   C. THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF ALL EXISTING ELECTRICAL WORK AFFECTED BY THIS CONTRACT. RESTORE CIRCUITS SERVING EXISTING EQUIPMENT TO REMAIN WHICH ARE INTERRUPTED DURING THE COURSE OF THIS WORK. ANY REQUIRED ELECTRICAL OUTAGE SHALL BE AFTER REGULAR HOURS AND REQUESTED IN WRITING FOR APPROVAL BY THE BUILDING OWNER/REPRESENTATIVE.
   D. CONTRACTOR SHALL REFER TO THE CONTRACT DOCUMENTS FOR EXTENT OF DEMOLITION WORK.
   E. OBTAIN WRITTEN APPROVAL FROM BUILDING OWNER/ REPRESENTATIVE BEFORE CUTTING EXISTING SLABS.

   SHALL PROVIDE FOR AN OPEN TOP DUMPSTER TO BE PLACED ON SITE AT AN APPROVED LOCATION.
   F. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING DEVICES ON A CIRCUIT WHEN THE DRAWINGS CALL FOR REMOVAL AND/ OR DISPOSAL OF A DEVICE ON THAT CIRCUIT.
85. MISCELLANEOUS
   A. ALL EMPTY RACEWAY SHALL CONTAIN A PULL WIRE.
   B. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS GENERATED BY THE WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF DEBRIS IN A MANNER ACCEPTABLE TO OWNER.
   C. NO PENETRATIONS INTO ASBESTOS CONTAINING MATERIALS (ACM) SHALL BE PERFORMED BY THE CONTRACTOR. NOTIFY THE OWNER PRIOR TO ANY CUTTING OR DRILLING. THE MAJOR CONTRACTOR WILL BE RESPONSIBLE FOR ABATEMENT OF AREAS REQUIRING CUTTING OR DRILLING IN ACM.
86. TESTING
   A. AT THE TIME OF FINAL INSPECTION AND TEST, ALL CONNECTIONS AT PANELBOARDS, DEVICES AND EQUIPMENT, AND ALL STUDIES MUST BE COMPLETED. EACH CIRCUIT AND ITS RESPECTIVE CONNECTED EQUIPMENT MUST TEST FREE OF SHORT CIRCUITS AND GROUNDS.
   B. PROVIDE TESTING OF ALL ELECTRICAL COMPONENTS PER NETA TEST PROCEDURES.
87. SHOP DRAWINGS
   A. SUBMIT FOUR (4) SETS OF SHOP DRAWINGS OF ELECTRICAL EQUIPMENT TO BUILDING OWNER/ REPRESENTATIVE FOR APPROVAL BEFORE PROCEEDING.
88. ALL WORKMANSHIP, MATERIALS AND EQUIPMENT SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF AREA BY OWNER.
89. IN CASE OF CONFLICTS BETWEEN DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR SHALL NOT PROCEED WITH THAT PART OF THE WORK UNTIL SUCH DIFFERENCES HAVE BEEN BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION.
91. ALL WIRES AND CABLES SHALL BE #12 AWG, EXCEPT WHEN OTHERWISE INDICATED ON DWGS OR AS INDICATED BELOW FOR AMPS. CIRCUITS WIRE SIZING ALL 20 AMPS, 120 VOLTS CIRCUITS RUNS SHALL BE AS FOLLOWS:
   S. TO 50' LENGTH, #12 AWG. 100' TO 150' LENGTH, #8 AWG.
   50' TO 100' LENGTH, #10 AWG. 150' TO 200' LENGTH, #6 AWG.
88. IN CASE THE CONTRACTOR BELIEVES HE HAS DISCOVERED DISCREPANCIES, ERRORS, OMISSION, ECT. IN THE DRAWINGS AND/OR SPECIFICATIONS, HE SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK IN THAT PORTION. FAILS TO GIVE SUCH NOTICE AND OBTAIN ADEQUATE CLARIFICATION, AND HE WILL BE HELD RESPONSIBLE FOR THE RESULT OF SUCH ERRORS OR OMISSIONS, AND HE WILL BE HELD RESPONSIBLE FOR THE COST OF RECTIFYING SUCH ERRORS.
89. BEFORE COMMENCING WORK, CONTRACTOR SHALL VERIFY MEASUREMENT AT SITE AND THE EXISTING STRUCTURES (IF ANY). ANY DIFFERENCES BETWEEN ACTUAL MEASUREMENTS AND THOSE SHOWN ON PLANS, SHALL BE SUBMITTED TO THE ENGINEER FOR CONSIDERATIONS AND DECISIONS BEFORE PROCEEDING WITH THE WORK.
90. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE THE CONSTRUCTION BEGINS.
92. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL THE POWER AND CONTROL INTERCONNECTIONS AMOUNG ALL THE DIFFERENT PARTS OF THE OF THE AIR CONDITIONING SYSTEM (FAN COILS/UNITS, CONDENSING UNITS, THERMOSTATS, ECT). THE CONTRACTOR SHALL ALSO PROVIDE ALL THE STARTING AND DISCONNECT EQUIPMENT FOR SAID SYSTEMS.
93. IT IS THE INTENT OF THE CONTRACT DRAWINGS TO CALL FOR A COMPLETE, TESTED AND OPERATIONAL ELECTRICAL SYSTEM. ANY MINOR DETAILS NOT SHOWN BUT REQUIRED FOR THE PROPER FUNCTION AND OPERATION OF THE SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR AT NOT ADDITIONAL COST.
94. MAKE ALL PROVISIONS NECESSARY TO PREVENT CORROSION RESULTING FROM CONTACT BETWEEN DISSIMILAR METALS.
95. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME ACQUAINTED WITH THE EXISTING FIELD CONDITIONS. IT SHALL BE THE DIRECT RESPONSIBILITY OF THE CONTRACTOR TO BRING PROMPTLY TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THOSE THAT WERE USED FOR DESIGN PURPOSES. THIS SHALL BE DONE BEFORE THE CONTRACTOR SUBMITS HIS BID. NO SHALL THE CONTRACTOR GAIN RELIEF BY A DECISION OR THE MATTER BEFORE THE BIDS ARE RECEIVED. THE SUBMITTAL OF THE BID BY THE CONTRACTOR WILL BE HELD AS PROOF THAT THE CONTRACTOR UNDERSTAND THOROUGHLY AND COMPLETELY THE SCOPE OF THE WORK INVOLVED, AND FAMILIARIZED HIMSELF WITH THE EXISTING FIELD CONDITIONS, AND HAS INCLUDED IN HIS BID ALL THE ITEMS NECESSARY TO PERFORM THE ELECTRICAL WORK. NO ALLOWANCE WILL BE PERMITTED ON THIS MATTER AFTER THE BIDS ARE RECEIVED.

HERNANDEZ-BAUTZA PSC, ARCHITECTS

CONSULTANTS SEAL

OWNER(S)
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER VILIENO PARK

DRAWING TITLE
ELECTRICAL GENERAL NOTES

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	09/15/2015	ADD AS PER ADDENDUM #1	JP	JH

PROJECT No.

PLANNING CONSULTANT No.

H.B.A. 2015

NUMBER	TOTAL
79	83

DRAWING NUMBER
E-001

PANEL NAME		PANEL LOCATION	PANEL SCHEDULE						CIRCUIT BREAKER REMARKS			
N-LP		ELECTRICAL ROOM	BUS RATING		100 A	VOLTAGES			ARC= ARC FAULT TYPE H = HACR G = GFCI L = C/B LOCK TC = TIME CLK			
FEED	MOUNTING/ NEMA TYPE	MAIN C/B OR MAIN LUG RATING & TYPE	A/C RATING		22,000	L-L	240		NB = NEW CIRCUIT BREAKER Sx = SWITCH CONTROL Cx = CONTACTOR CONTROL			
TOP	SURFACE/NEMA 4X STAINLESS STEEL	60A MAIN BREAKER	BUS MATERIAL		COPPER	L-N	120		EX = EXISTING LOAD TO REMAIN NL = N.TW LOAD ON EXISTING			
CKT NO.	BREAKER (REMARKS)	LOAD DESCRIPTION	LOAD TYPE	LOAD VA	PHASING L1	L2	L3	LOAD VA	LOAD TYPE	LOAD DESCRIPTION	BREAKER (REMARKS)		CKT NO.
1	20/2	KIOS AREA POLES	-	460				460	-	KIOS AREA POLES	20/2	-	2
3				460				460					4
5	20/2	KIOS AREA BOLLARDS	-	72				72	-	KIOS AREA POLES	20/2	-	6
7				72				72					8
9	-	SPACE	-	-				180	-	TIMER	20/1	-	10
11	-	SPACE	-	-					-	SPACE	-	-	12
13	-	SPACE	-	-					-	SPACE	-	-	14
15	-	SPACE	-	-					-	SPACE	-	-	16
17	-	SPACE	-	-					-	SPACE	-	-	18
19	-	SPACE	-	-					-	SPACE	-	-	20
21	-	SPACE	-	-					-	SPACE	-	-	22
23	-	SPACE	-	-					-	SPACE	-	-	24
								1,252	TOTAL CONNECTED LOAD IN VA - PHASE A			
								1,072	TOTAL CONNECTED LOAD IN VA - PHASE B			
								2,324	TOTAL CONNECTED LOAD IN KVA - ALL PHASES			
		125% NEC DEMAND AMPERES LOAD	12.1					58	TOTAL CONNECTED LOAD IN AMPERES - ALL PHASES			

PANEL NAME		PANEL LOCATION	PANEL SCHEDULE						CIRCUIT BREAKER REMARKS			
PP-1		ELECTRICAL ROOM	BUS RATING		225 A	VOLTAGES			ARC= ARC FAULT TYPE H = HACR G = GFCI L = C/B LOCK TC = TIME CLK			
FEED	MOUNTING/ NEMA TYPE	MAIN C/B OR MAIN LUG RATING & TYPE	A/C RATING		22,000	L-L	208		NB = NEW CIRCUIT BREAKER Sx = SWITCH CONTROL Cx = CONTACTOR CONTROL			
TOP	SURFACE/NE MA 3R STAINLESS STEEL	225A MAIN BREAKER	BUS MATERIAL		COPPER	L-N	120		EX = EXISTING LOAD TO REMAIN PL = NEW LOAD ON EXISTING			
CKT NO.	BREAKER (REMARKS)	LOAD DESCRIPTION	LOAD TYPE	LOAD VA	PHASING L1	L2	L3	LOAD VA	LOAD TYPE	LOAD DESCRIPTION	BREAKER (REMARKS)		CKT NO.
1	50/2	POLES P2/P5/P5	-	3,400				2,039	-	POLES P3/P4	30/2	-	2
3				3,400				2,039					4
5	40/3	POLES P1/P7/P8	-	3,050				540	-	RECEPTACLES	20/1	-	6
7				3,050				540		RECEPTACLES	20/1	-	8
9	20/1	LIGHTING	-	135				288	-	WALKWAYS LIGHTING POLES	20/2	-	10
11	20/1	LIGHTING	-	178				288					12
13	20/2	WALKWAYS LIGHTING POLES	-	507				429	-	WALKWAYS LIGHTING POLES	20/2	-	14
15				507				429					16
17	20/3	WALKWAYS LIGHTING POLES	-	429				180	-	MUSICO CONTROL PANEL	20/1	-	18
19				429				180	-	TV/VR	20/1	-	20
21	20/1	CANOPY LIGHTING	-	112				80	-	EMERGENCY LIGHTS	20/1	-	22
23	-	SPACE	-	-					-	SPACE	-	-	24
25	-	SPACE	-	-					-	SPACE	-	-	26
27	-	SPACE	-	-					-	SPACE	-	-	28
29	-	SPACE	-	-					-	SPACE	-	-	30
31	-	SPACE	-	-					-	SPACE	-	-	32
33	-	SPACE	-	-					-	SPACE	-	-	34
35	-	SPACE	-	-					-	SPACE	-	-	36
37	-	SPACE	-	-					-	SPACE	-	-	38
39	-	SPACE	-	-					-	SPACE	-	-	40
41	-	SPACE	-	-					-	SPACE	-	-	42
								10,174	TOTAL CONNECTED LOAD IN VA - PHASE A			
								7,330	TOTAL CONNECTED LOAD IN VA - PHASE B			
								4,665	TOTAL CONNECTED LOAD IN VA - PHASE C			
								22,169	TOTAL CONNECTED LOAD IN KVA - ALL PHASES			
		125% NEC DEMAND AMPERES LOAD	77.8					92	TOTAL CONNECTED LOAD IN AMPERES - ALL PHASES			

ELECTRICAL LEGEND

- PP — POWER DISTRIBUTION PANEL "PP", SEE PANEL SCHEDULE FOR DETAILS
- 4DB — DUPLEX WALL RECEPTACLE, 20A, 125V, GF, TAMPER RESISTANT, 5-20R GROUNDING TYPE, SPECIFICATION GRADE, FLUSH MOUNTED, 18" AFF., 24" AFF. IN KITCHEN AREAS. REFER TO KITCHEN EQUIPMENT SCHEDULE FOR HEIGHTS OF RECEPTACLES SERVING THE KITCHEN EQUIPMENT. (UON) WP= WEATHER PROOF GF= GROUND FAULT TYPE
- LCP — LIGHTING CONTROL PANEL, 5'-0" AFF. SEE ELECTRICAL DIAGRAM FOR DETAILS.
- ET — DIGITAL TIMER. SEE ELECTRICAL DIAGRAM FOR DETAILS.
- 2-#12 — CONDUIT RUN ABOVE REFLECTED CEILING OR EMBEDDED IN WALL, DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT. THE LONGER LINE BEING THE NEUTRAL, THE SHORT LINE BEING THE LINE CONDUCTOR(S) AND #12 GROUND CONDUCTOR. NUMBER IN DICATES CIRCUIT DESIGNATION. CONDUCTOR AND CONDUIT SIZE SHALL BE AS INDICATED ON THE HOME RUN OF THE CIRCUIT. IF NO DASHES ARE NOT SHOWN USE 2#12 CONDUCTOR AND 1#12 GROUND IN A 3/4" CONDUIT. (UON)
- 2-#12 3/4"C — SAME AS ABOVE BUT EMBEDDED IN FLOOR OR WALL (UON)
- PP 1L25 — HOME RUN TO PANEL "PP" INDICATES DESTINATION PANEL AND THE NUMBER INDICATES CIRCUIT NUMBERS OF NUMBERS ARE SEPARATED BY "/" THIS MEANS THAT IS A MULTIPOLE CIRCUIT). DASHES INDICATES AMOUNT OF LINE CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHORT LINE BEING THE LINE CONDUCTOR AND "/" = GROUND CONDUCTOR. IF NO DASHES ARE SHOWN USE 2#12 CONDUCTORS AND 1#12 GROUND IN A 3/4" CONDUIT.
- J — WALL MOUNTED 4 11/16" x 2 1/8" JUNCTION BOX, 14" AFF. (UON)
- J — FLOOR MOUNTED 4 11/16" x 2 1/8" JUNCTION BOX, FLUSH MOUNTED, ADA COMPLIANT WITH RECESSED COVER PLATE.
- S — GENERAL PURPOSE LIGHTING SWITCH, 20A, 1P, 120V/277V, 48" AFF. SMALL LETTER INDICATES FIXTURE THAT IS BEING CONTROLLED. (UON) 3x = THREE WAY LIGHTING SWITCH
- S1, S2 — SAME AS ABOVE BUT GANG TOGETHER
- A — SURFACE OR RECESSED CEILING MOUNTED LIGHTING FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, SMALL LETTER INDICATES SWITCH THAT CONTROLS THE FIXTURE) SEE LIGHTING SCHEDULE
- A — SAME AS ABOVE BUT WALL MOUNTED, 9'-0" AFF. (UON)
- W — LIGHTING FIXTURE, CEILING MOUNTED, (CAPITAL LETTER INDICATES FIXTURE TYPE, NUMBER INDICATES CIRCUIT NUMBER, SMALL LETTER INDICATES SWITCH THAT CONTROLS THE FIXTURE) IF NO SMALL LETTER IS SHOWN, CONNECT THE LIGHTING FIXTURE TO THE LIGHTING SWITCH SHOWN ON DWG'S. SEE LIGHTING SCHEDULE FOR DETAILS
- EM — EMERGENCY LED EXIT LIGHT, 0W, 120V/277V, WITH 90 MINUTES BATTERY BACK-UP, WALL MOUNTED, 7'-0" AFF. EQUAL TO MODEL SEL-50 AS MANUFACTURED BY COOPER

ABBREVIATIONS

A	AMPERES
ACT	ABOVE COUNTER TOP
AFF	ABOVE FINISHED FLOOR
AIC/KAIC	AMPERES INTERRUPTING CAPACITY
C	CONDUIT
CKT	CIRCUIT
DWG	DRAWING
EMT	ELECTRICAL METALLIC TUBING
E	EXISTING
F	FUSIBLE
G	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
FMC	FLEXIBLE METALLIC CONDUIT
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
MNF	MANUFACTURED
N/A	NOT APPLY OR NOT AVAILABLE
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
N.E.C.	NATIONAL ELECTRIC CODE
NF	NON-FUSIBLE
P	POLES
P.R.E.P.A.	PUERTO RICO ELECTRIC AND POWER AUTHORITY
RL	RELOCATED
RSS	RIGID GALVANIZED STEEL
SS	STAINLESS STEEL
TV	TELEVISION
TYP.	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	CONNECTED TO PANEL FEED FROM UPS, DIMMER, COLOR DEVICE AND COVER PLATE
WP	WATERPROOF
W	WIRES
V	VOLTAGE
Ø	PHASE

HERNANDEZ-BAUZA PSC ARCHITECTS
PO BOX 9021112 SAN JUAN, PR 00902-1112
TEL. 787-725-7441 / 787-724-7441 FAX. 787-725-7442
www.hernandez-bauza.com

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ

AUTONOMOUS MUNICIPALITY OF SAN JUAN

ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TEJCER MILENIO PARK

ELECTRICAL LEGEND AND NOTES

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	09/2021	PER AGENCY	HB	JH

PROJECT NO. 21-0

DRAWING SCALE: AS INDICATED

DRAWN BY: R.L.R. CHECKED BY: J.E.T.

SHEET NUMBER	TOTAL
80	83

DRAWING NUMBER OF
E-002

CARLOS ANDRES MELENDEZ, PE
PO BOX 9021112 SAN JUAN, PR 00902-1112
(939) 257-0107 carlos@cmelectrical.com

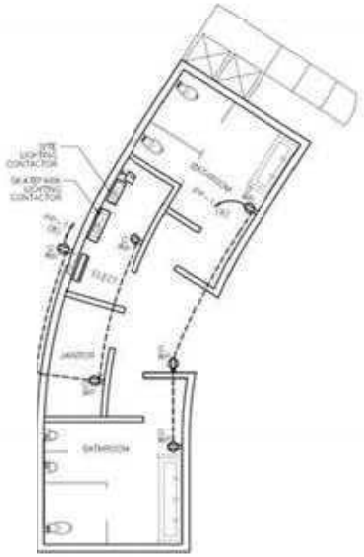
LIGHTING FIXTURE SCHEDULE

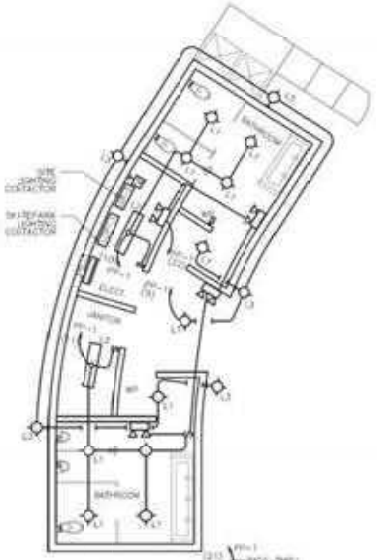
ITEM #	EQUIPMENT DESCRIPTION	LAMPS NO. AND TYPE	DRIVER	VOLTAGE	MANUFACTURER MODEL NUMBER	REMARKS
L1	LED ROUND SURFACE MOUNTED	LED/3914 LUMENS/22W/3000K	LED DIM TO 1% (0-10V)	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL FCR2RSE-12W-3K-12RES-SSL-WHE AS MANUFACTURED BY FC LIGHTING	1
L2	7" HAT SURFACE MOUNTED	LED/1941 LUMENS/12W/3000K	LED DRIVER	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL SH7DSED-9-MB-BD-WH-12R-277V-10 AS MANUFACTURED BY SIGNIFY	1
L3	EXTERIOR SQUARE WALL MOUNTED	LED/2000 LUMENS/21W/5000K/TYPE III	LED DIM TO 1% (0-10V)	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL SLDY-W2-W3LT-U3LT-1020-30K-DRBD-3-PWSHC-SM-DAC MANUFACTURED BY LUMENPULSE	1
L4	CEILING MOUNTED LED FIXTURE	LED/1500LUMENS/14W/3000K	LED DIM TO 1% (0-10V)	120V	EQUAL OR APPROVED EQUAL TO MODEL SLR4ST-TRD1-30K3-SYT-1-WH-120V-DTD AS MANUFACTURED BY SLOAN	1

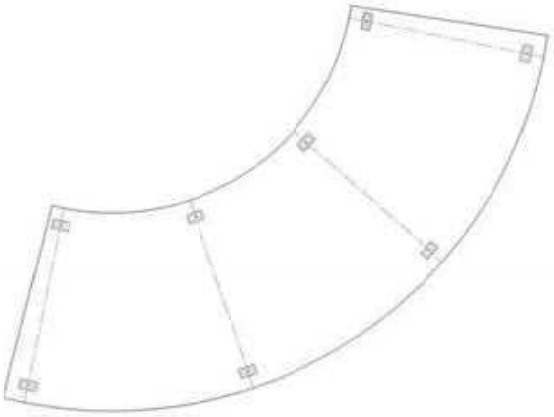
1. COORDINATE LUMINAIRE MODEL WITH THE MODELS SPECIFIED IN THE ARCHITECTURAL DRAWINGS. OBTAIN APPROVAL FROM THE ARCHITECT.

NOTES:

1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001
2. FOR ELECTRICAL LEGEND SEE DWG. E-002

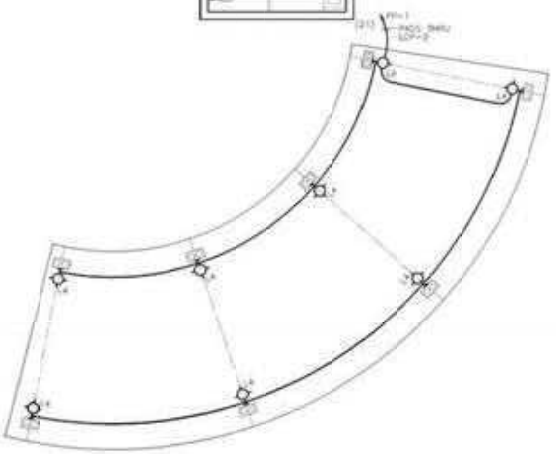






ENTRANCE CANOPY AND PUBLIC BATHROOM PROPOSED ELECTRICAL PLAN

SCALE: 3/16"=1'-0"



ENTRANCE CANOPY AND PUBLIC BATHROOM PROPOSED LIGHTING PLAN

SCALE: 3/16"=1'-0"

HERNANDEZ-BAUTER PSAU ARCHITECTS

OWNER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING TITLE
ENTRANCE CANOPY AND PUBLIC BATHROOM PROPOSED LIGHTING PLAN

COMPUTER PLOT

No.	DATE	REVISION	BY	APPROVED
1	09/23/25	ADDENDUM 1	AT	PT

PROJECT No.

DRAWING STATUS: CONSTRUCTION

SHEET NUMBER: 81
TOTAL: 83

DRAWING NUMBER
E-101









HERNANDEZ-BAUER PSC, ARCHITECTS

CITY OF SAN JUAN

LOS CAMPANAS SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

RENDERS

NUMBER	TOTAL
82	83

DRAWING NUMBER

RE-1









HERNANDEZ-RAMOS PSC, ARCHITECTS

DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MAU

AUTONOMOUS MUNICIPALITY OF SAN JUAN

LOCATION:
SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

RENDERS

JDD

NUMBER	TOTAL
83	83

DRAWING NUMBER
RE-2

ATTACHMENT IV: COMMENTS RECEIVED AND INFORMATION SUPPLIED (Early Notice)

aviso público

Aviso preliminar y revisión pública de una actividad propuesta en una llanura aluvial de 100 años

Escambrón Skate Park en el Parque Tercer Milenio
PR-CRP-000935

Para: Todas las partes interesadas, grupos e individuos.

Este aviso notifica que el Departamento de la Vivienda de Puerto Rico (Vivienda, en adelante) ha determinado que la siguiente acción propuesta bajo el Programa de Revitalización de la Ciudad (City-Rev), Subvención en Bloque para el Desarrollo Comunitario – Recuperación ante Desastres (CDBG-DR, en inglés), número B-17-DM-72-0001 y B-18-DP-72-0001, está ubicado en una llanura de inundación de 100 años. Vivienda estará evaluando e identificando alternativas viables para realizar la acción propuesta y el impacto potencial en la llanura de inundación debido a la acción propuesta, según establecido por la Orden Ejecutiva 11988, de acuerdo con las regulaciones del Departamento de la Vivienda federal (HUD, en inglés) en 24 CFR 55.20 Subparte C – Procedimientos para tomar determinaciones sobre el manejo de llanuras aluviales y la protección de humedales. El proyecto propuesto, PR-CRP-000935, Escambrón Skate Park en el Parque Tercer Milenio, se encuentra dentro de un municipio que sufrió daños debido a los huracanes Irma y María, y está localizado en Parque del Nuevo Milenio al norte de avenida Muñoz Rivera, PR-25 N., San Juan, PR, coordenadas 18.4663, -66.0680. La actividad propuesta está situada en una zona de inundación AE con cabida total de unos 3.8 acres. El área del proyecto se encuentra en el Flood Insurance Rate Map (FIRM) 72000C0355J, revisado el 18 de noviembre de 2009, según indicado en la página del Centro de Servicios de Mapas de Inundaciones en https://msc.fema.gov/portal/home y en zona de inundación AE y zona Costanera A, según los mapas de niveles de inundación base recomendados (Advisory Maps), Panel 72000C0355J con fecha de efectividad del 13 de abril de 2018.

El Alcance de Obra (SOW, en inglés) del proyecto Parque del Tercer Milenio incluye la construcción de un Skatepark en la sección sur del Ball Park existente y la construcción de un parque pasivo lineal en el corredor a lo largo de la pista de atletismo existente (35,500 pies cuadrados totales). El proyecto incluye la demolición de las dos gradas de hormigón con refugios en el campo de béisbol (1,654,580 pies cuadrados).

En la parte sur del estadio, se construirá el Skatepark, el cual incluye pavimentos, concavidades y obstáculos para practicar el deporte a nivel internacional, dejando un campo abierto con césped en el lado norte. El corredor existente a lo largo de la pista se remodelará para acomodar un parque pasivo lineal para niños con elementos de juego. En las otras áreas abiertas, se mejorarán los pavimentos y se mantendrá el paisajismo existente.

Todos los sistemas de infraestructura necesarios de agua, alcantarillado sanitario, electricidad y alcantarillado pluvial están presentes en el parque existente. La única estructura que se construirá sobre el nivel del suelo son dos baños para servir a los usuarios del Skatepark y un techo con dosel que señala la entrada al Skatepark. El proyecto propuesto también implica la sustitución de postes de iluminación antiguos por otros nuevos, mejoras en los pavimentos existentes y jardinería paisajística para áreas verdes, además de corte y poda de árboles y plantas existentes.

Este aviso tiene tres propósitos principales. En primer lugar, las personas que puedan verse afectadas por las actividades en las llanuras aluviales y las que tengan interés en la protección del ambiente natural deben tener la oportunidad de expresar sus inquietudes y proveer información sobre estas áreas. Se exhorta a la comunidad a ofrecer ubicaciones alternas fuera de las llanuras aluviales, métodos alternos para cumplir el mismo propósito del proyecto y métodos para minimizar y mitigar los impactos. Segundo, un programa adecuado de avisos público puede ser una herramienta importante para la educación pública. La divulgación de información sobre las llanuras aluviales puede facilitar y mejorar los esfuerzos federales para reducir los riesgos e impactos asociados con la ocupación y alteración de estas áreas especiales. Tercero, como materia de justicia, cuando el gobierno federal determine participar en acciones ubicadas en las llanuras aluviales, debe informárselo a quienes puedan ser expuestos a un riesgo mayor o similar al presente.

Vivienda considerará todos los comentarios recibidos en o antes del 24 de junio de 2023. Un período mínimo de comentarios de 15 días calendario comenzará el día después de la publicación y finalizará el día 16 después de la publicación. Pueden enviar los comentarios de forma impresa a la siguiente dirección: Departamento de la Vivienda de Puerto Rico, Edificio Juan C. Cordero, 606 avenida Barbosa, Río Piedras, PR 00918-8463, atención: María T. Torres-Bregón, Especialista en Permisos y Cumplimiento Ambiental. Una descripción completa del proyecto está disponible al público para revisión de 8:30 a.m. a 4:00 p.m. en el Departamento de la Vivienda de Puerto Rico, Edificio Juan C. Cordero, 606 avenida Barbosa, Río Piedras, PR 00918. El número para obtener información es (787) 274-2527 ext. 6654. Como alternativa, también pueden enviar los comentarios a Vivienda por medio electrónico a environment@vivienda.pr.gov.

Fecha: jueves, 8 de junio de 2023.

SAN JUAN AVANZA POR TI

DEPARTAMENTO DE LA VIVIENDA

public notice

Early Notice and Public Review of a Proposed Activity in a 100-Year Floodplain

Escambrón Skate Park at Parque Tercer Milenio
PR-CRP-000935

To: All Interested Parties, Groups & Individuals

This is to give notice that the Puerto Rico Department of Housing (PRDOH) has determined that the following proposed action under the PRDOH Community Development Block Grant – Disaster Recovery (CDBG-DR) City Revitalization Program, Grant number B-17-DM-72-0001 & B-18-DP-72-0001, is located in the 100-year floodplain, and PRDOH will be identifying and evaluating practicable alternatives to locate the action in the floodplain and the potential impacts on the floodplain from the proposed action, as required by the Executive Order 11988, in accordance with Department of Housing and Urban Development (HUD) regulations at 24 CFR 55.20 Subpart C – Procedures for Making Determinations on Floodplain Management and Protection of Wetlands. The proposed project, PR-CRP-000935, Escambrón Skate Park at Parque Tercer Milenio is within a municipality that suffered damages due to hurricanes Irma and María and is in Parque del Nuevo Milenio north of Muñoz Rivera Ave, PR-25 N., San Juan, PR, coordinates 18.4663, -66.0680. The proposed activity is situated in a flood zone AE with dimensions of about 3.8 acres. The floodplains in the project area can be found at Flood Insurance Rate Map (FIRM) Panel 72000C0355J, revised on November 18, 2009, as shown in the FEMA Flood Map Service Center at https://msc.fema.gov/portal/home, and in flood zone AE and coastal zone A, according to the recommended base flood level maps (Advisory Maps), Panel 72000C0355J with an effective date of April 13, 2018.

The Scope of Work (SOW) of the Parque del Tercer Milenio project includes the construction of a Skatepark in the southern section of the existing Ball Park and the construction of a linear passive park in the corridor along the existing athletics track (35,500 square feet total). The project includes the demolition of the two concrete bleachers with dugouts in the Baseball Field (1,654,580 square feet).

In the southern part of the ballpark, the Skatepark will be constructed, including pavements with obstacles and bowls for world-class skateboarding, leaving an open field with grass on the northern side. The existing corridor along the track is to be remodeled to accommodate a children's linear passive park with play elements. In the other open areas, the walkways will be improved, and the existing landscaping will remain.

All the necessary infrastructure systems of water, sanitary sewer, electricity, and storm sewer are present in the existing park. The only structure to be built above ground level are two restrooms to serve Skatepark users and a canopy roof signaling the entrance to the Skatepark. The proposed project also entails the replacement of old light posts with new ones, improvements to existing walkways and landscape gardening for green areas, plus cutting and pruning of existing trees and plants.

There are three primary purposes for this notice. First, people who may be affected by activities in floodplains and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Commenters are encouraged to offer alternative sites outside of the floodplains, alternative methods to serve the same project purpose, and methods to minimize and mitigate impacts. Second, an adequate public notice program can be an important public education tool. The dissemination of information and request for public comment about floodplains can facilitate and enhance federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in floodplains, it must inform those who may be put at greater or continued risk.

PRDOH will consider all comments received on or before June 24, 2023. A minimum 15-calendar day comment period will begin the day after the publication and end on the 16th day after the publication. Written comments can be sent to the following address: Puerto Rico Department of Housing, 606 Barbosa Ave., Juan C. Cordero Building, Río Piedras, PR 00918-8463, attention: María T. Torres-Bregón. A complete description of the project is available to the public for review from 8:30 a.m. to 4:00 p.m. at the Puerto Rico Department of Housing, 606 Barbosa Ave., Juan C. Cordero Building, Río Piedras, PR 00918. The number to call for more information is (787) 274-2527 ext. 6654. Also, comments may also be sent to PRDOH by email at environment@vivienda.pr.gov.

Date: Thursday, June 8, 2023

SAN JUAN AVANZA POR TI

DEPARTAMENTO DE LA VIVIENDA

Andrea Curbelo-Marty

From: Emma Diaz <2008ediaz@gmail.com>
Sent: Monday, June 12, 2023 10:32 AM
To: environmentcdbg
Subject: Escambrón Skate Park en el Parque del Tercer Milenio (PR-CRP-000935)

Follow Up Flag: Follow up
Flag Status: Flagged

Atención Andrea Curbelo.

Gracias por atenderme en la mañana de hoy. Como acordamos, someto mi petición para que una vez salga el segundo aviso del proyecto de referencia, me envíen los mayores detalles posibles (incluyendo detalles de diseño, planos y evaluaciones ambientales realizados).

Como vecina de la Isleta de San Juan, tengo un gran interés en el área y he participado en la evaluación de proyectos propuestos en el pasado para el Parque del Tercer Milenio. Llegado el momento, interesó tener suficientes criterios para opinar.

Gracias y quedó atenta a un próxima aviso y comunicación sobre el proyecto propuesto.

Emma Díaz (939-402-4022)
Edna Nazario
Caleta de San Juan
San Juan, PR
--



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Andrea Curbelo-Marty

From: Fernando Rojas <frojas13@hotmail.com>
Sent: Saturday, June 24, 2023 12:44 PM
To: environmentcdbg
Cc: Mario Toledo
Subject: PR-CRP-000935 - Escambron Skate Park

Follow Up Flag: Follow up
Flag Status: Flagged

Saludos,

Solicito me envíen la información disponible para este proyecto.
Me interesa ver los planos y la descripción del proyecto.

Atentamente,
Fernando Rojas Farias
San Juan, Puerto Rico

Sent from my iPad

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For more information please visit
https://gcc02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.symanteccloud.com%2F&data=05%7C01%7Cenvironmentcdbg%40vivienda.pr.gov%7C7b9e3e9d28e74d36ebbf08db74d23de9%7C5bf14196cfa749399cf518d8ad9920e9%7C0%7C0%7C638232218723132874%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C2000%7C%7C%7C&sdata=eEhbYwJYj%2FXq5Vq8muMW%2Ff3fOM9ekrC846mXWULqnFg%3D&reserved=0

Andrea Curbelo-Marty

From: Mario Toledo <mariovici@hotmail.com>
Sent: Sunday, June 25, 2023 9:58 AM
To: environmentcdbg
Subject: RE: PR-CRP-000935 - Escambron Skate Park

Follow Up Flag: Follow up
Flag Status: Flagged

Saludos,

Solicito me envíen la información disponible para este proyecto.
Me interesa ver los planos y la descripción del proyecto.

Atentamente,
Mario Toledo.
San Juan, Puerto Rico

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17 de agosto de 2023

A: **Emma Díaz**
2008ediaz@gmail.com

Re: **Respuesta a solicitud de información adicional del Sra. Emma Díaz sobre el Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años (Paso 2) del proyecto Escambrón Skate Park at Parque Tercer Milenio (PR-CRP-000935)**

Estimado Sra. Díaz:

Reciba un saludo cordial de parte de la Oficina de Recuperación de Desastres del Departamento de la Vivienda y su División de Permisos y Cumplimiento Ambiental. La presente tiene la intención de contestar sus preguntas y/o aclarar detalles presentados en su mensaje enviado al correo electrónico environmentcdbg@vivienda.pr.gov el día 12 de junio de 2023.

Según establecen los requisitos del Departamento de la Vivienda y Desarrollo Urbano (HUD, por sus siglas en inglés) en el 24 CFR 55.20 Subparte C - Procedimientos para tomar determinaciones sobre el manejo de llanuras aluviales y la protección de humedales, el 8 de junio de 2023 el Departamento de la Vivienda (en adelante, Vivienda) publicó en el Periódico El Vocero el **Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años para el proyecto *Escambrón Skate Park at* Parque Tercer Milenio**. Dicho aviso permite que personas y/o entidades puedan expresar inquietudes sobre un proyecto en el área de interés y proporcionar información basada en el conocimiento previo del área, recomendar sitios alternativos fuera de la llanura aluvial, y recomendar métodos alternativos y métodos para mitigar el riesgo.

Previo a completar el proceso de revisión ambiental conforme a todos los requerimientos de ley según el en 24 CFR Parte 58 y la Ley NEPA de 1969, según enmendada, se debe determinar la aplicabilidad de las Órdenes Ejecutivas sobre Manejo de Llanuras Inundables (*Executive Order 11988*) y Protección de Humedales (*Executive Order 11990*). El proceso de toma de decisiones para el cumplimiento de esta parte contiene ocho pasos, que incluyen avisos públicos y un examen de alternativas viables al abordar las llanuras aluviales y los humedales. Durante el Paso 1 del proceso de toma de decisiones, Vivienda ha determinado que el proyecto propuesto se encuentra en un valle inundable de 100 años (ver mapa de inundación adjunto). En este momento, Vivienda se encuentra en el Paso 2: Notificar y poner ante consideración del público y las agencias responsables sobre una actividad propuesta

en una llanura aluvial de 100 años e involucrar a los afectados e interesados en el proceso de toma de decisiones.



A continuación, proveemos una descripción del proyecto:

Como participante del Programa de Revitalización de la Ciudad, el Municipio Autónomo de San Juan se encuentra en el proceso de diseño de un *skatepark* donde actualmente se ubica el Parque del Tercer Milenio.

El alcance de las obras de este proyecto consiste en la remodelación de un área parcial del Parque del Tercer Milenio que incluye el parque de pelota existente (área de 62,000 pc) y el corredor paralelo a la pista de atletismo, desde el parque de pelota hacia la salida del lado este. El proyecto incluye la demolición de las dos gradas de concreto con banquillos (*dugouts*) en el campo de béisbol[1]. La pista de atletismo ni las estructuras históricas del Parque Sixto Escobar, forman parte del proyecto propuesto. A continuación, el área designada para el proyecto.

[1] La demolición de una sección de las gradas de la pista de atletismo se realizó previamente, mediante un mecanismo de emergencia, debido al peligro que representaba para la seguridad de las personas que estuvieran cerca de los predios.

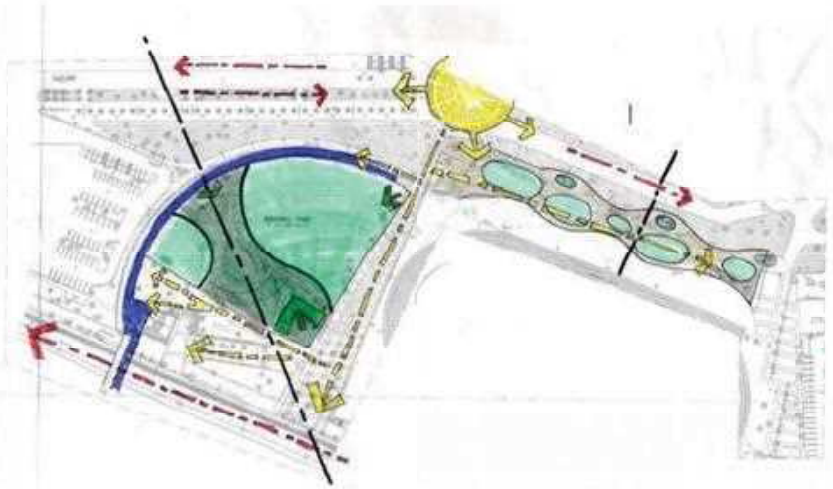
CRP-000935 Escambrón Skate Park @ Parque Tercer Milenio Foto Aérea Site



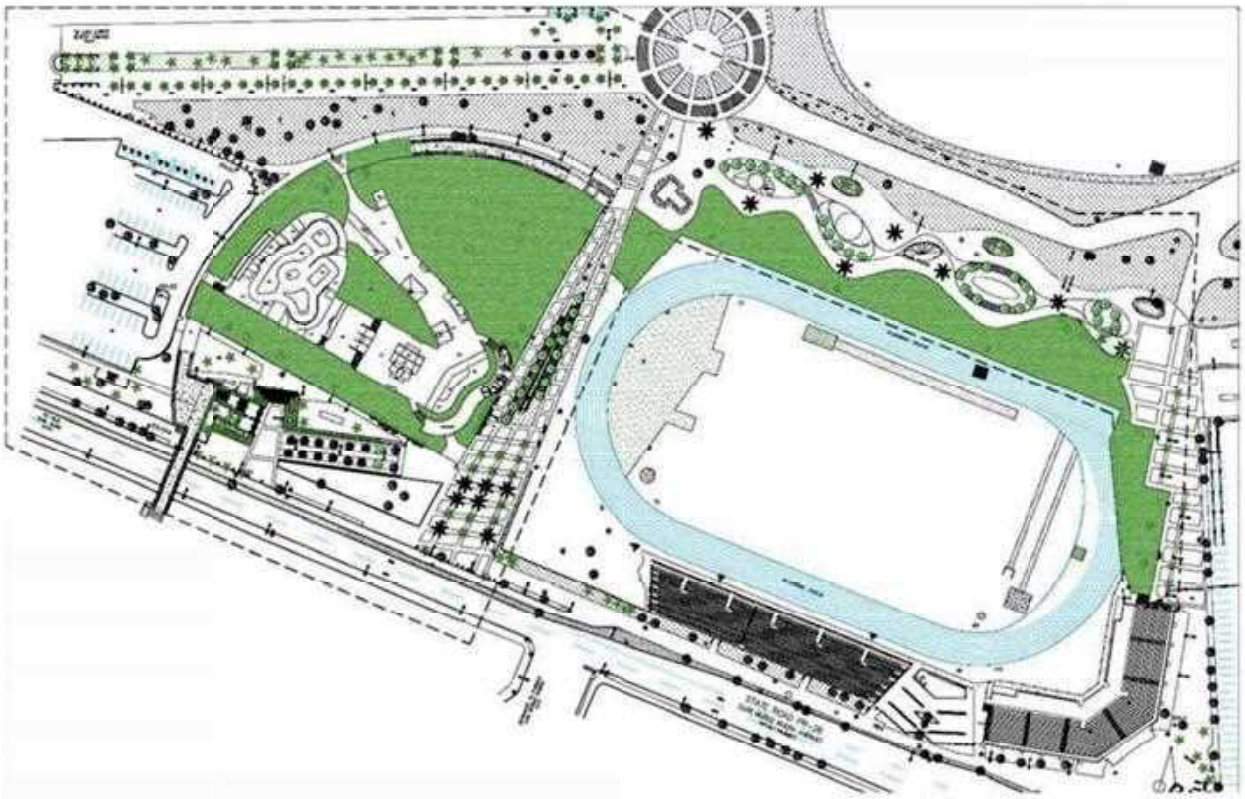
Area delimitada para proyecto Skatepark

En la parte sur del parque de pelota se desarrollará el *skatepark*, dejando un área abierta con césped en el lado norte. Se seleccionó esta área porque a medida que se avanza hacia el norte, el nivel freático se vuelve más cercano a la superficie. El corredor existente a lo largo de la pista se remodelará para albergar un parque pasivo lineal para niños con elementos de juego. En el resto de las zonas libres se mejorarán los pavimentos y se mantendrá el paisajismo existente.

A continuación, se presenta el boceto conceptual inicial de las áreas a remodelar para ambas actividades.



El *skatepark* consta de 30,000 pc de aceras con obstáculos y *bowls* para la práctica del *skateboarding* a nivel internacional, que se ubicará dentro de una porción de la huella de 62,000 pc del parque de pelota existente. El resto del terreno del parque de pelota (32,000 pc, aproximadamente), permanecerá abierto como un campo verde. Todos los sistemas de infraestructura necesarios de agua, alcantarillado sanitario, electricidad y alcantarillado pluvial están presentes en el parque existente y abastecerán las necesidades de los proyectos propuestos. La única estructura que se construirá sobre el nivel del suelo incluirá dos baños para atender a los usuarios del *skatepark* y un techo de dosel que señale la entrada. El proyecto propuesto implica el reemplazo de postes de iluminación, mejoras a los pavimentos existentes y paisajismo para áreas verdes, además del corte y poda de árboles y plantas existentes. Vea el esquema propuesto a continuación:



Todas las áreas utilizadas para este desarrollo son áreas que ya han sido impactadas por el proyecto del Parque del Tercer Milenio (1999) y están siendo reprogramadas para ser remodeladas y reutilizadas en otras actividades deportivas y recreativas. No se propone ampliar la huella de las nuevas instalaciones fuera de la huella existente de las áreas ya afectadas. El área total determinada consiste en 3.8 acres de huella existente.

En conclusión, Vivienda se encuentra en el proceso de toma de decisiones para el cumplimiento con la Orden Ejecutiva 11988, el cual es un proceso previo al desarrollo de la revisión ambiental. El aviso publicado el día 8 de junio de 2023 corresponde al Paso 2 de dicho proceso. Próximamente, estará disponible el borrador del informe del proceso de

ocho pasos para la toma de decisiones y se notificará al público y agencias responsables mediante un nuevo aviso de periódico (este aviso corresponde al Paso 7 del proceso). A aquellos ciudadanos que hayan expresado interés en el proyecto comentando el Paso 2, se les notificará también mediante correo electrónico la disponibilidad del informe mencionado.

De tener dudas o preguntas adicionales, puede contactarse nuevamente a través del (787) 274-2527 ext. 4320 o vía correo electrónico environmentcdbg@vivienda.pr.gov.

Respetuosamente,

División de Permisos y Cumplimiento Ambiental
Oficina de Recuperación de Desastres
Departamento de la Vivienda

17 de agosto de 2023

A: **Fernando Rojas**
frojas13@hotmail.com

Re: **Respuesta a solicitud de información adicional del Sr. Fernando Rojas sobre el Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años (Paso 2) del proyecto Escambrón Skate Park at Parque Tercer Milenio (PR-CRP-000935)**

Estimado Sr. Rojas:

Reciba un saludo cordial de parte de la Oficina de Recuperación de Desastres del Departamento de la Vivienda y su División de Permisos y Cumplimiento Ambiental. La presente tiene la intención de contestar sus preguntas y/o aclarar detalles presentados en su visita al Departamento de la Vivienda el día 23 de junio de 2023 y mensaje enviado al correo electrónico environmentcdbg@vivienda.pr.gov el día 24 de junio de 2023.

Según establecen los requisitos del Departamento de la Vivienda y Desarrollo Urbano (HUD, por sus siglas en inglés) en el 24 CFR 55.20 Subparte C - Procedimientos para tomar determinaciones sobre el manejo de llanuras aluviales y la protección de humedales, el 8 de junio de 2023 el Departamento de la Vivienda (en adelante, Vivienda) publicó en el Periódico El Vocero el **Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años para el proyecto *Escambrón Skate Park at* Parque Tercer Milenio**. Dicho aviso permite que personas y/o entidades puedan expresar inquietudes sobre un proyecto en el área de interés y proporcionar información basada en el conocimiento previo del área, recomendar sitios alternativos fuera de la llanura aluvial, y recomendar métodos alternativos y métodos para mitigar el riesgo.

Previo a completar el proceso de revisión ambiental conforme a todos los requerimientos de ley según el en 24 CFR Parte 58 y la Ley NEPA de 1969, según enmendada, se debe determinar la aplicabilidad de las Órdenes Ejecutivas sobre Manejo de Llanuras Inundables (*Executive Order 11988*) y Protección de Humedales (*Executive Order 11990*). El proceso de toma de decisiones para el cumplimiento de esta parte contiene ocho pasos, que incluyen avisos públicos y un examen de alternativas viables al abordar las llanuras aluviales y los humedales. Durante el Paso 1 del proceso de toma de decisiones, Vivienda ha determinado que el proyecto propuesto se encuentra en un valle inundable de 100 años (ver mapa de inundación adjunto). En este momento, Vivienda se encuentra en el Paso 2: Notificar y poner ante consideración del público y las agencias responsables sobre una actividad propuesta

en una llanura aluvial de 100 años e involucrar a los afectados e interesados en el proceso de toma de decisiones.



A continuación, proveemos una descripción del proyecto:

Como participante del Programa de Revitalización de la Ciudad, el Municipio Autónomo de San Juan se encuentra en el proceso de diseño de un *skatepark* donde actualmente se ubica el Parque del Tercer Milenio.

El alcance de las obras de este proyecto consiste en la remodelación de un área parcial del Parque del Tercer Milenio que incluye el parque de pelota existente (área de 62,000 pc) y el corredor paralelo a la pista de atletismo, desde el parque de pelota hacia la salida del lado este. El proyecto incluye la demolición de las dos gradas de concreto con banquillos (*dugouts*) en el campo de béisbol[1]. La pista de atletismo ni las estructuras históricas del Parque Sixto Escobar, forman parte del proyecto propuesto. A continuación, el área designada para el proyecto.

[1] La demolición de una sección de las gradas de la pista de atletismo se realizó previamente, mediante un mecanismo de emergencia, debido al peligro que representaba para la seguridad de las personas que estuvieran cerca de los predios.

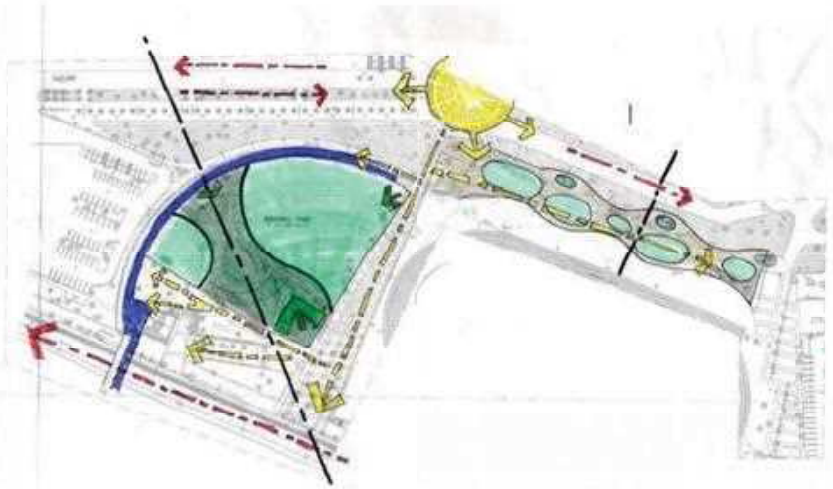
CRP-000935 Escambrón Skate Park @ Parque Tercer Milenio Foto Aérea Site



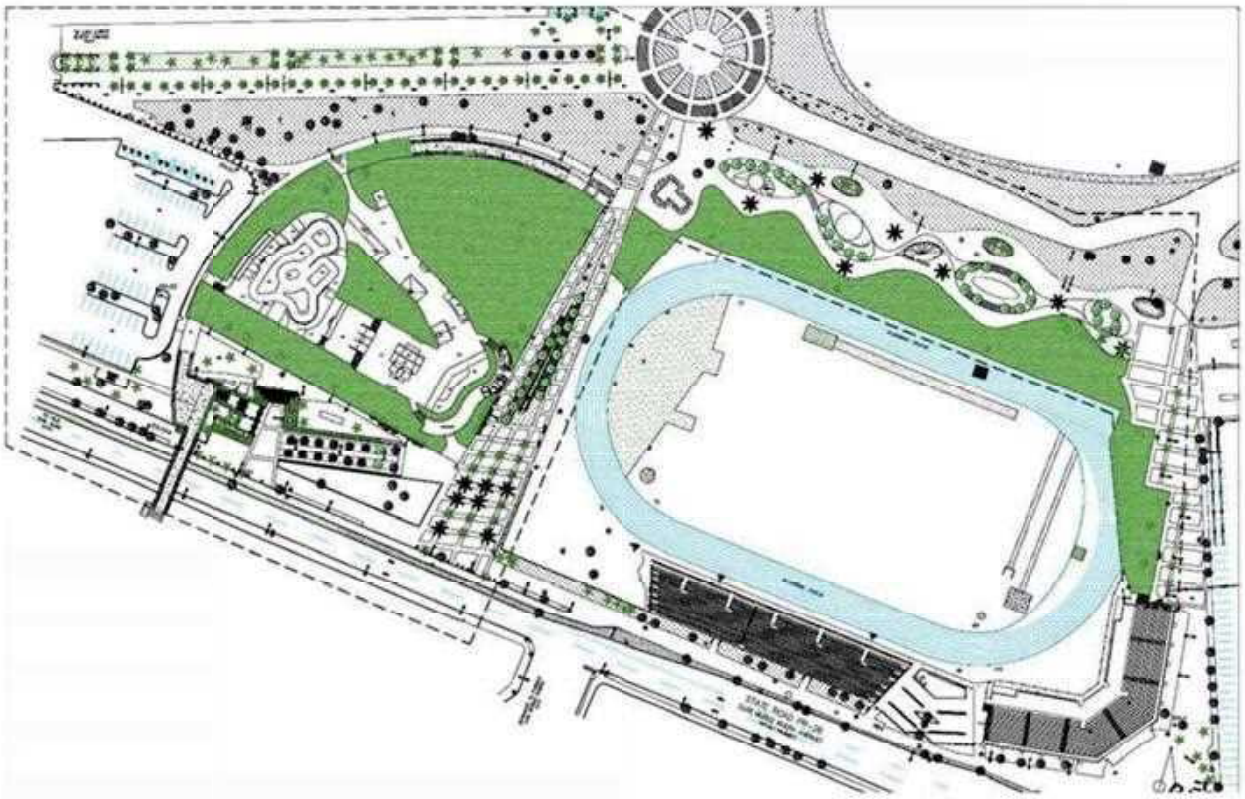
Area delimitada para proyecto Skatepark

En la parte sur del parque de pelota se desarrollará el *skatepark*, dejando un área abierta con césped en el lado norte. Se seleccionó esta área porque a medida que se avanza hacia el norte, el nivel freático se vuelve más cercano a la superficie. El corredor existente a lo largo de la pista se remodelará para albergar un parque pasivo lineal para niños con elementos de juego. En el resto de las zonas libres se mejorarán los pavimentos y se mantendrá el paisajismo existente.

A continuación, se presenta el boceto conceptual inicial de las áreas a remodelar para ambas actividades.



El *skatepark* consta de 30,000 pc de aceras con obstáculos y *bowls* para la práctica del *skateboarding* a nivel internacional, que se ubicará dentro de una porción de la huella de 62,000 pc del parque de pelota existente. El resto del terreno del parque de pelota (32,000 pc, aproximadamente), permanecerá abierto como un campo verde. Todos los sistemas de infraestructura necesarios de agua, alcantarillado sanitario, electricidad y alcantarillado pluvial están presentes en el parque existente y abastecerán las necesidades de los proyectos propuestos. La única estructura que se construirá sobre el nivel del suelo incluirá dos baños para atender a los usuarios del *skatepark* y un techo de dosel que señale la entrada. El proyecto propuesto implica el reemplazo de postes de iluminación, mejoras a los pavimentos existentes y paisajismo para áreas verdes, además del corte y poda de árboles y plantas existentes. Vea el esquema propuesto a continuación:



Todas las áreas utilizadas para este desarrollo son áreas que ya han sido impactadas por el proyecto del Parque del Tercer Milenio (1999) y están siendo reprogramadas para ser remodeladas y reutilizadas en otras actividades deportivas y recreativas. No se propone ampliar la huella de las nuevas instalaciones fuera de la huella existente de las áreas ya afectadas. El área total determinada consiste en 3.8 acres de huella existente.

En conclusión, Vivienda se encuentra en el proceso de toma de decisiones para el cumplimiento con la Orden Ejecutiva 11988, el cual es un proceso previo al desarrollo de la revisión ambiental. El aviso publicado el día 8 de junio de 2023 corresponde al Paso 2 de dicho proceso. Próximamente, estará disponible el borrador del informe del proceso de

ocho pasos para la toma de decisiones y se notificará al público y agencias responsables mediante un nuevo aviso de periódico (este aviso corresponde al Paso 7 del proceso). A aquellos ciudadanos que hayan expresado interés en el proyecto comentando el Paso 2, se les notificará también mediante correo electrónico la disponibilidad del informe mencionado.

De tener dudas o preguntas adicionales, puede contactarse nuevamente a través del (787) 274-2527 ext. 4320 o vía correo electrónico environmentcdbg@vivienda.pr.gov.

Respetuosamente,

División de Permisos y Cumplimiento Ambiental
Oficina de Recuperación de Desastres
Departamento de la Vivienda

17 de agosto de 2023

A: **Mario Toledo**
mariovici@hotmail.com

Re: **Respuesta a solicitud de información adicional del Sr. Mario Toledo sobre el Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años (Paso 2) del proyecto Escambrón Skate Park at Parque Tercer Milenio (PR-CRP-000935)**

Estimado Sr. Toledo:

Reciba un saludo cordial de parte de la Oficina de Recuperación de Desastres del Departamento de la Vivienda y su División de Permisos y Cumplimiento Ambiental. La presente tiene la intención de contestar sus preguntas y/o aclarar detalles presentados en su visita al Departamento de la Vivienda el día 23 de junio de 2023 y mensaje enviado al correo electrónico environmentcdbg@vivienda.pr.gov el día 25 de junio de 2023.

Según establecen los requisitos del Departamento de la Vivienda y Desarrollo Urbano (HUD, por sus siglas en inglés) en el 24 CFR 55.20 Subparte C - Procedimientos para tomar determinaciones sobre el manejo de llanuras aluviales y la protección de humedales, el 8 de junio de 2023 el Departamento de la Vivienda (en adelante, Vivienda) publicó en el Periódico El Vocero el **Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años para el proyecto *Escambrón Skate Park at* Parque Tercer Milenio**. Dicho aviso permite que personas y/o entidades puedan expresar inquietudes sobre un proyecto en el área de interés y proporcionar información basada en el conocimiento previo del área, recomendar sitios alternativos fuera de la llanura aluvial, y recomendar métodos alternativos y métodos para mitigar el riesgo.

Previo a completar el proceso de revisión ambiental conforme a todos los requerimientos de ley según el en 24 CFR Parte 58 y la Ley NEPA de 1969, según enmendada, se debe determinar la aplicabilidad de las Órdenes Ejecutivas sobre Manejo de Llanuras Inundables (*Executive Order 11988*) y Protección de Humedales (*Executive Order 11990*). El proceso de toma de decisiones para el cumplimiento de esta parte contiene ocho pasos, que incluyen avisos públicos y un examen de alternativas viables al abordar las llanuras aluviales y los humedales. Durante el Paso 1 del proceso de toma de decisiones, Vivienda ha determinado que el proyecto propuesto se encuentra en un valle inundable de 100 años (ver mapa de inundación adjunto). En este momento, Vivienda se encuentra en el Paso 2: Notificar y poner ante consideración del público y las agencias responsables sobre una actividad propuesta

en una llanura aluvial de 100 años e involucrar a los afectados e interesados en el proceso de toma de decisiones.



A continuación, proveemos una descripción del proyecto:

Como participante del Programa de Revitalización de la Ciudad, el Municipio Autónomo de San Juan se encuentra en el proceso de diseño de un *skatepark* donde actualmente se ubica el Parque del Tercer Milenio.

El alcance de las obras de este proyecto consiste en la remodelación de un área parcial del Parque del Tercer Milenio que incluye el parque de pelota existente (área de 62,000 pc) y el corredor paralelo a la pista de atletismo, desde el parque de pelota hacia la salida del lado este. El proyecto incluye la demolición de las dos gradas de concreto con banquillos (*dugouts*) en el campo de béisbol[1]. La pista de atletismo ni las estructuras históricas del Parque Sixto Escobar, forman parte del proyecto propuesto. A continuación, el área designada para el proyecto.

[1] La demolición de una sección de las gradas de la pista de atletismo se realizó previamente, mediante un mecanismo de emergencia, debido al peligro que representaba para la seguridad de las personas que estuvieran cerca de los predios.

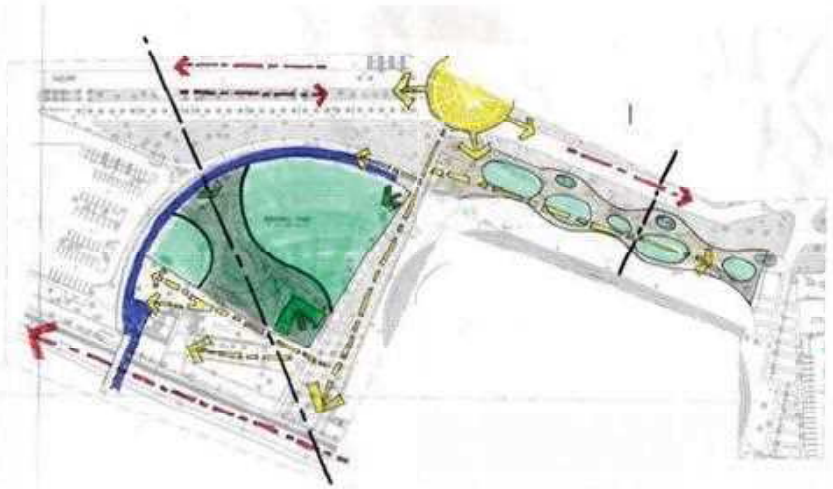
CRP-000935 Escambrón Skate Park @ Parque Tercer Milenio Foto Aérea Site



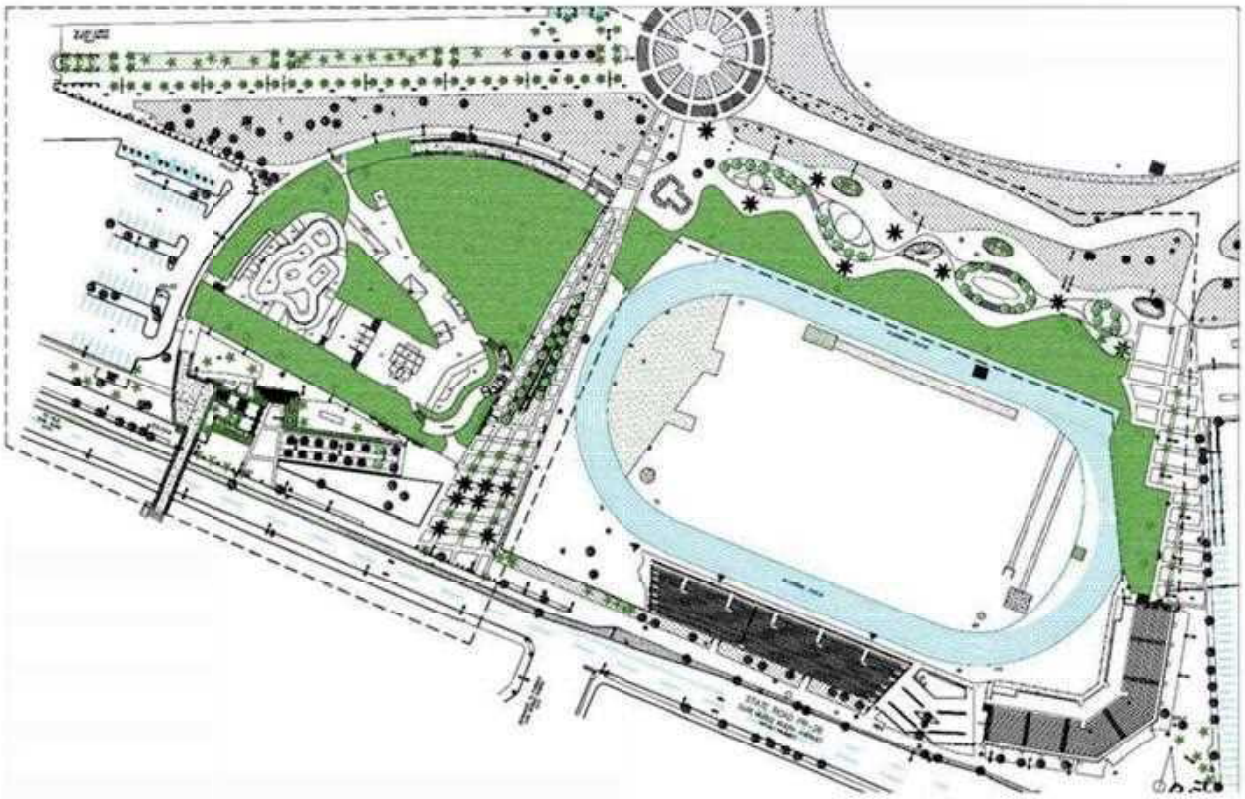
Area delimitada para proyecto Skatepark

En la parte sur del parque de pelota se desarrollará el *skatepark*, dejando un área abierta con césped en el lado norte. Se seleccionó esta área porque a medida que se avanza hacia el norte, el nivel freático se vuelve más cercano a la superficie. El corredor existente a lo largo de la pista se remodelará para albergar un parque pasivo lineal para niños con elementos de juego. En el resto de las zonas libres se mejorarán los pavimentos y se mantendrá el paisajismo existente.

A continuación, se presenta el boceto conceptual inicial de las áreas a remodelar para ambas actividades.



El *skatepark* consta de 30,000 pc de aceras con obstáculos y *bowls* para la práctica del *skateboarding* a nivel internacional, que se ubicará dentro de una porción de la huella de 62,000 pc del parque de pelota existente. El resto del terreno del parque de pelota (32,000 pc, aproximadamente), permanecerá abierto como un campo verde. Todos los sistemas de infraestructura necesarios de agua, alcantarillado sanitario, electricidad y alcantarillado pluvial están presentes en el parque existente y abastecerán las necesidades de los proyectos propuestos. La única estructura que se construirá sobre el nivel del suelo incluirá dos baños para atender a los usuarios del *skatepark* y un techo de dosel que señale la entrada. El proyecto propuesto implica el reemplazo de postes de iluminación, mejoras a los pavimentos existentes y paisajismo para áreas verdes, además del corte y poda de árboles y plantas existentes. Vea el esquema propuesto a continuación:



Todas las áreas utilizadas para este desarrollo son áreas que ya han sido impactadas por el proyecto del Parque del Tercer Milenio (1999) y están siendo reprogramadas para ser remodeladas y reutilizadas en otras actividades deportivas y recreativas. No se propone ampliar la huella de las nuevas instalaciones fuera de la huella existente de las áreas ya afectadas. El área total determinada consiste en 3.8 acres de huella existente.

En conclusión, Vivienda se encuentra en el proceso de toma de decisiones para el cumplimiento con la Orden Ejecutiva 11988, el cual es un proceso previo al desarrollo de la revisión ambiental. El aviso publicado el día 8 de junio de 2023 corresponde al Paso 2 de dicho proceso. Próximamente, estará disponible el borrador del informe del proceso de

ocho pasos para la toma de decisiones y se notificará al público y agencias responsables mediante un nuevo aviso de periódico (este aviso corresponde al Paso 7 del proceso). A aquellos ciudadanos que hayan expresado interés en el proyecto comentando el Paso 2, se les notificará también mediante correo electrónico la disponibilidad del informe mencionado.

De tener dudas o preguntas adicionales, puede contactarse nuevamente a través del (787) 274-2527 ext. 4320 o vía correo electrónico environmentcdbg@vivienda.pr.gov.

Respetuosamente,

División de Permisos y Cumplimiento Ambiental
Oficina de Recuperación de Desastres
Departamento de la Vivienda

Andrea Curbelo-Marty

From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Monday, August 21, 2023 10:50 AM
To: Emma Diaz
Subject: RE: Escambrón Skate Park en el Parque del Tercer Milenio (PR-CRP-000935)
Attachments: PR-CRP-000935_Step 2_Comments Response Letter_Citizen Emma Diaz.pdf

Saludos Sra. Díaz,

Reciba un cordial saludo del Departamento de la Vivienda, Oficina de Recuperación de Desastres.

La presente es para informarle que sus comentarios han sido atendidos.

Favor referirse al documento anejado, donde se desglosa las respuestas a sus preguntas y/o preocupaciones sobre la Evaluación Ambiental, y el Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años (Paso 2) del proyecto *Escambrón Skate Park at Parque Tercer Milenio* (PR-CRP-000935).

Cualquier duda o pregunta, estamos a su disposición.

Cordialmente,

Permits and Environmental Compliance Division
Office of Disaster Recovery
environmentcdbg@vivienda.pr.gov | 787.274.2527
Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA VIVIENDA

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CONFIDENTIALITY NOTE: This electronic transmission contains information belonging to the Puerto Rico Housing Department, which is confidential and/or legally privileged. If you are not the intended recipient, please immediately advise the sender by reply e-mail or telephone that this message has been inadvertently transmitted to you and delete this e-mail from your system. If you have received this transmission in error, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of the information is strictly prohibited. Unauthorized use, dissemination, distribution or reproduction of this message by other than the intended recipient is strictly prohibited and may be unlawful. 2

From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Tuesday, June 20, 2023 2:39 PM
To: Emma Diaz <2008ediaz@gmail.com>
Subject: RE: Escambrón Skate Park en el Parque del Tercer Milenio (PR-CRP-000935)

Saludos Sra. Díaz,

Reciba un cordial saludo del Departamento de la Vivienda, Oficina de Recuperación de Desastres,

Hacemos acuse recibo de su comentario. Nos pondremos en contacto con usted nuevamente para brindarle más información y atender sus preocupaciones sobre el proyecto.

Cordialmente,

Permits and Environmental Compliance Division
Office of Disaster Recovery
environmentcdbg@vivienda.pr.gov | 787.274.2527
Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA VIVIENDA

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From: Emma Diaz <2008ediaz@gmail.com>
Sent: Monday, June 12, 2023 10:32 AM
To: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Subject: Escambrón Skate Park en el Parque del Tercer Milenio (PR-CRP-000935)

Atención Andrea Curbelo.

Gracias por atenderme en la mañana de hoy. Como acordamos, someto mi petición para que una vez salga el segundo aviso del proyecto de referencia, me envíen los mayores detalles posibles (incluyendo detalles de diseño, planos y evaluaciones ambientales realizados).

Como vecina de la Isleta de San Juan, tengo un gran interés en el área y he participado en la evaluación de proyectos propuestos en el pasado para el Parque del Tercer Milenio. Llegado el momento, interesó tener suficientes criterios para opinar.

Gracias y quedó atenta a un próxima aviso y comunicación sobre el proyecto propuesto.

Emma Díaz (939-402-4022)
Edna Nazario
Caleta de San Juan
San Juan, PR
--



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Andrea Curbelo-Marty

From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Monday, August 21, 2023 10:56 AM
To: Fernando Rojas
Subject: PR-CRP-000935 - Escambrón Skate Park
Attachments: PR-CRP-000935_Step 2_Comments Response Letter_Citizen Fernando Rojas.pdf

Saludos Sr. Rojas,

Reciba un cordial saludo del Departamento de la Vivienda, Oficina de Recuperación de Desastres.

La presente es para informarle que sus comentarios han sido atendidos.

Favor referirse al documento anejado, donde se desglosa las respuestas a sus preguntas y/o preocupaciones sobre la Evaluación Ambiental, y el Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años (Paso 2) del proyecto *Escambrón Skate Park at Parque Tercer Milenio* (PR-CRP-000935).

Cualquier duda o pregunta, estamos a su disposición.

Cordialmente,

Permits and Environmental Compliance Division
Office of Disaster Recovery
environmentcdbg@vivienda.pr.gov | 787.274.2527
Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA VIVIENDA

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Andrea Curbelo-Marty

From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Monday, August 21, 2023 10:59 AM
To: Mario Toledo
Subject: RE: PR-CRP-000935 - Escambron Skate Park
Attachments: PR-CRP-000935_Step 2_Comments Response Letter_Citizen Mario Toledo.pdf

Saludos Sr. Toledo,

Reciba un cordial saludo del Departamento de la Vivienda, Oficina de Recuperación de Desastres.

La presente es para informarle que sus comentarios han sido atendidos.

Favor referirse al documento anejado, donde se desglosa las respuestas a sus preguntas y/o preocupaciones sobre la Evaluación Ambiental, y el Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable de 100 años (Paso 2) del proyecto *Escambrón Skate Park at Parque Tercer Milenio* (PR-CRP-000935).

Cualquier duda o pregunta, estamos a su disposición.

Cordialmente,

Permits and Environmental Compliance Division
Office of Disaster Recovery
environmentcdbg@vivienda.pr.gov | 787.274.2527
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From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Thursday, June 29, 2023 11:56 AM
To: Mario Toledo <mariovici@hotmail.com>
Subject: RE: PR-CRP-000935 - Escambron Skate Park

Saludos Sr. Toledo,

Reciba un cordial saludo del Departamento de la Vivienda, Oficina de Recuperación de Desastres,

Hacemos acuse recibo de su comentario. Nos pondremos en contacto con usted nuevamente para brindarle más información y atender sus preocupaciones sobre el proyecto.

Cordialmente,

Permits and Environmental Compliance Division
Office of Disaster Recovery
environmentcdbg@vivienda.pr.gov | 787.274.2527
Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA VIVIENDA

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From: Mario Toledo <mariovici@hotmail.com>
Sent: Sunday, June 25, 2023 9:58 AM
To: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Subject: RE: PR-CRP-000935 - Escambron Skate Park

Saludos,

Solicito me envíen la información disponible para este proyecto.
Me interesa ver los planos y la descripción del proyecto.

Atentamente,
Mario Toledo.
San Juan, Puerto Rico

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit http://www.symanteccloud.com

Andrea Curbelo-Marty

From: Kenneth M. Garcia-De Leon
Sent: Monday, June 26, 2023 3:08 PM
To: environmentcdbg
Subject: RE: Comentarios PR-CRP-000935

Saludos,

Por correo postal no llegaron comentarios para mencionado proyecto.

Atentamente

Kenneth M. García De León
Oficial de Radicación de Informes de Operaciones
Oficina Recuperación de Desastres
kgarcia@vivienda.pr.gov|787.274.2527 Ext. 6602
Visit us: www.cdbg-dr.pr.gov
Write us: infocdbg@vivienda.pr.gov

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From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Monday, June 26, 2023 3:04 PM
To: Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov>
Subject: Comentarios PR-CRP-000935

Saludos Kenneth,

Con respecto a la publicación del proyecto PR-CRP-000935 *Escambrón Skate Park at Parque Tercer Milenio* (San Juan) ¿habrá llegado algún comentario a través del correo postal? De ser así, por favor nos lo hace llegar.

Cordialmente,

Permits and Environmental Compliance Division
Office of Disaster Recovery
environmentcdbg@vivienda.pr.gov | 787.274.2527
Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA VIVIENDA

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GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

June 26, 2023

To whom it may concern,

Citizens, Fernando Rojas and Mario Toledo, interested in receiving information about the project Escambrón Skate Park at Parque Tercer Milenio (PR-CRP-000935) appeared in person to the Puerto Rico Department of Housing on June 23, 2023 at 3:30 pm. The Early Notice and Public Review of the Proposed Activity in a 100-Year Floodplain was published as part of the CDBG-DR City Revitalization Program, in the El Vocero newspaper of Puerto Rico on June 8, 2023. The commenting period ended on June 24, 2023.

Cordially,

Permits and Environmental Compliance Division
CDBG-DR/MIT Program

Anil Desa You may upload the Step 7 public notice draft and the 8-Step Analisys draft (Steps 1-6), for PRDOH's review.

Maria Teresa de los A. Torres-Bregón - 08-21-2023 11:45 AM

Steve Swick Anil Desa PRDOH received comments from 3 citizens, who mostly had questions about the project scope. Using the designers SOW Memo, PRDOH wrote a letter explaining the project, the 8-Step Process and the Step 2, and sent it to them. This citizens are very interested on being informed about the project and be kept on the loop, so, once it is ready, we will be providing the 8-Step Analisys to them for their review and comments as part of the Final Notice request for citizens participation (this do not replace the Step-7 public notice). Please, find attached: copy of the citizens emails received through environmentcdbg@vivienda.pr.gov, a validation memo documenting the in person visit that 2 of the citizens did to PRDOH, evidence that PRDOH did no received comments by postal mail, evidence that PRDOH answered their request of receiving more information and copy of the letters that were provided to answer their comments.

PR-CRP-000935_Postmail Comments Certification.pdf

ATTACHMENT V: COMMENTS RECEIVED AND INFORMATION SUPPLIED (Final Notice)

MR-19491 ESTADO LIBRE ASOCIADO DE PUERTO RICO TRIBUNAL DE PRIMERA INSTANCIA CENTRO JUDICIAL DE CAROLINA SALA SUPERIOR DE CAROLINA SALÓN DE SESIONES CIVIL 407

SUCN GERMANA RODRIGUEZ MARTINEZ Y OTROS
Demandante
v.
DORAL MORTGAGE LLC O SU SUCESOR EN DERECHO Y OTROS
Demandado(a)

Caso Núm.: CA2023CV01354
Sobre: CANCELACIÓN O RESTITUCION DE PAGARÉ EXTRAVIADO ALINA M. ORTEGA C E S A R AORTEGA@AMGCLAW.COM NOTIFICACIÓN DE SENTENCIA POR EDICTO (Nombre de las partes que se le notifican la sentencia por edicto) FULANO Y MENGANO DE TAL, POSEEDORES DESCONOCIDOS DEL PAGARE CUYA DIRECCION SE A DESCONOCE EL SECRETARIO(A) que suscribe le notifica a usted que el 01 DE NOVIEMBRE DE 2023, este Tribunal ha dictado Sentencia, Sentencia Parcial o Resolución en este caso, que ha sido debidamente registrada y archivada en autos donde podrá usted enterarse detalladamente de los términos de la misma. Esta notificación se publicará una sola vez en un periódico de circulación general en la Isla de Puerto Rico, dentro de los 10 días siguientes a su notificación. Y, siendo o representando usted una parte en el procedimiento sujeta a los términos de la Sentencia, Sentencia Parcial o Resolución, de la cual puede establecerse recurso de revisión o apelación dentro del término de 30 días contados a partir de la publicación por edicto de esta notificación, dirijo a usted esta notificación que se considerará hecha en la fecha de la publicación de este edicto. Copia de esta notificación ha sido archivada en los autos de este caso, con fecha de 06 de NOVIEMBRE de 2023 En CANOLINA, Puerto Rico, el 06 de NOVIEMBRE de 2023 KANELLY ZAYAS ROBLES Nombre del (de la) Secretario(a) f/RCSA M. VIERA VELAZQUEZ Nombre y Firma del (de la) Secretario(a) Auxiliar del Tribunal

MR-19508 ESTADO LIBRE ASOCIADO DE PUERTO RICO TRIBUNAL DE PRIMERA INSTANCIA CENTRO JUDICIAL DE GUAYAMA SALA SUPERIOR DE GUAYAMA SALÓN DE SESIONES SALÓN 301

INFORMATION SYSTEMS AND NETWORKS CORPORATION
Demandante
v.
FULANO Y MENGANA DE TAL
Demandado(a)

Caso Núm.: GM2023CV00663
Sobre: CANCELACIÓN O RESTITUCIÓN DE PAGARÉ EXTRAVIADO GÉNESIS LORRAINE QUIÑONES ACEVEDO GQUINONES@VNBLEGAL.COM NOTIFICACIÓN DE SENTENCIA POR EDICTO (Nombre de las partes que se le notifican la sentencia por edicto) A. FULANO DE TAL Y MENGANA DE TAL EL SECRETARIO(A) que suscribe le notifica a usted que el 08 DE NOVIEMBRE DE 2023, este Tribunal ha dictado Sentencia, Sentencia Parcial o Resolución en este caso, que ha sido debidamente registrada y archivada en autos donde podrá usted enterarse detalladamente de los términos de la misma. Esta notificación se publicará una sola vez en un periódico de circulación general en la Isla de Puerto Rico, dentro de los 10 días siguientes a su notificación. Y, siendo o representando usted una parte en el procedimiento sujeta a los términos de la Sentencia, Sentencia Parcial o Resolución, de la cual puede establecerse recurso de revisión o apelación dentro del término de 30 días contados a partir de la publicación por edicto de esta notificación, dirijo a usted esta notificación que se considerará hecha en la fecha de la publicación de este edicto. Copia de esta notificación ha sido archivada en los autos de este caso, con fecha de 08 de NOVIEMBRE de 2023 En GUAYAMA, Puerto Rico, el 08 de NOVIEMBRE de 2023 MARISOL ROSADO RODRIGUEZ Nombre del (de la) Secretario(a) f/MARIA M. COTTO AMARO Nombre y Firma del (de la) Secretario(a) Auxiliar del Tribunal

MR-19506 ESTADO LIBRE ASOCIADO DE PUERTO RICO TRIBUNAL DE PRIMERA INSTANCIA SALA SUPERIOR DE PONCE

INFORMATION SYSTEMS AND NETWORKS CORPORATION
Demandante
v.
FULANO DE TAL Y MENGANA DE TAL
Demandado

CIVIL NUM.: PO2023CV03267
SOBRE: CANCELACIÓN DE HIPOTECA POR PAGARÉ EXTRAVIADO EDICTO A: FULANO DE TAL Y MENGANA DE TAL Por la presente se le notifica que se ha presentado en la Secretaría del Tribunal la Demanda del caso de epígrafe solicitando la cancelación de un pagaré y se le emplaza a Fulano y Mengana de Tal, siendo estos nombres ficticios por desconocer sus verdaderos y por ser personas que pudiesen tener el original o algún interés o derecho en el pagaré con número de affidavit 58,737, constituido a nombre del Secretario de Vivienda y Desarrollo Urbano de los Estados Unidos, por la suma principal de $50,000.00 con intereses anuales SIN interés, según consta escritura #223, otorgada en San Juan el día 27 de marzo de 2012, ante el notario Fabiola Anaitegui Blanc e Inscrita al folio 186 del tomo 2,030 de PONCE NORTE, finca # 58,737 inscripción 7ª. Dicho pagaré se extravió luego de haber sido pagado en su totalidad. Se apercibe y se advierte a personas desconocidas que pudiesen ser los tenedores o estar interesados en el pagaré extraviado, que deben emitir una contestación dentro de los treinta (30) días siguientes a la publicación de este edicto. Si usted no contesta la petición, se puede emitir sentencia en rebeldía para otorgar el remedio solicitado sin más mención o audiencia. Debe presentar su alegación responsiva a través del Sistema Unificado de Administración de Casos (SUMAC), al que puede acceder utilizando la siguiente dirección electrónica https://unired.ramajudicial.pr, a menos que se represente a sí mismo, en cuyo caso debe presentar su alegación responsiva en la Secretaría del Tribunal de Primera Instancia y enviar una copia al abogado del peticionario, Lcda. Genesis L. Quiñones Acevedo, P.O. Box 366219 San Juan, PR 00936-6219, (787) 413-8880. Si la alegación responsiva no se presenta dentro de los 30 días, el Tribunal puede otorgar los remedios solicitados en la demanda sin su presencia y/o notificación previa. Este edicto se publicará una sola vez en un periódico de circulación general de Puerto Rico. Esta notificación se considerará realizada en la fecha de publicación de este edicto. En Ponce, Puerto Rico, hoy 3 de noviembre de 2023. CARMEN G. TIRU QUIÑONES SECRETARIA Loyda Torres Irizarry SECRETARIA AUXILIAR

Llama a Clasificados de
EL VOCERO
787-724 -1485

MR-19510 ESTADO LIBRE ASOCIADO DE PUERTO RICO TRIBUNAL DE PRIMERA INSTANCIA CENTRO JUDICIAL DE AGUADILLA SALA SUPERIOR DE AGUADILLA SALÓN DE SESIONES SALÓN 602

KEVIN NIEVES GARCIA Y OTROS
Demandante
v.
EMANUEL ROSARIO CINTRÓN Y OTROS
Demandado(a)

Caso Núm.: AG2023CV00660
Sobre: CANCELACIÓN O RESTITUCIÓN DE PAGARÉ EXTRAVIADO CARLOS ROBERTO SOSA PADRO CSOSALAW@CSOSALAW.COM NOTIFICACIÓN DE SENTENCIA POR EDICTO (Nombre de las partes que se le notifican la sentencia por edicto) A. FULANO Y MENGANO DE TAL, COMO POSIBLES TENEDORES DE PAGARES HIPOTECARIOS EXTRAVIADOS DIRECCION DESCONOCIDA EL SECRETARIO(A) que suscribe le notifica a usted que el 02 DE OCTUBRE DE 2023, este Tribunal ha dictado Sentencia, Sentencia Parcial o

aviso público

Aviso Final y Explicación Pública de una Actividad
Propuesta en un Valle Inundable de 100 Años

Escambrón Skate Park en el Parque del Tercer Milenio
PR-CRP-000935

Para: Todas las partes interesadas, grupos e individuos

Este aviso notifica que el Departamento de la Vivienda de Puerto Rico (Vivienda) completó una evaluación según establece la Orden Ejecutiva 11988, de acuerdo con los reglamentos de HUD en 24 CFR 55.20 Subparte C - Procedimientos para hacer determinaciones sobre el manejo del valle inundable y la protección de humedales. La actividad está subvencionada con fondos del Programa de Revitalización de la Ciudad (CRP, por sus siglas en inglés), Subvención en Bloque para el Desarrollo Comunitario - Recuperación ante Desastres (CDBG-DR), números de subvención B-17-DM-72-0001 y B-18-DP-72-0001. El proyecto propuesto, **PR-CRP-000935**, se encuentra dentro de un municipio que sufrió daños debido a los huracanes Irma y María, y está localizado en el Parque del Nuevo Milenio al norte de la avenida Muñoz Rivera, PR-25 N, San Juan, PR; coordenadas 18.4663, -66.0880. La actividad propuesta está situada en una zona de inundación AE con cabida de 3.8 acres. El área del proyecto se encuentra en el mapa de tarifas de seguro contra inundaciones (FIRM, por sus siglas en inglés) (panel 72000C0355J, efectivo 18/11/2009) como se indica en el Centro de Servicios de Mapas de Inundaciones de FEMA en https://msc.fema.gov/portal/home.

Vivienda ha considerado las siguientes alternativas y medidas de mitigación para minimizar los impactos adversos y restaurar y preservar los valores naturales y beneficiosos:

(i) Alternativa seleccionada: se identificó un área del parque en desuso y se evaluó el proyecto como uno de mejoras al lugar y revitalización del área. El Municipio de San Juan es dueño del predio, cuenta con la infraestructura necesaria y el uso propuesto está conforme con la calificación del predio. El proyecto propuesto va a proveer espacios de recreación a las comunidades de ingresos bajos y moderados que están cerca del área y evitará que el área se convierta en un estorbo público.

(ii) Las siguientes alternativas fueron consideradas y descartadas: se identificó un predio alterno fuera de la zona inundable para desarrollar el proyecto propuesto; sin embargo, la parcela es propiedad privada con problemas de título de propiedad. La alternativa de no acción provocará el deterioro del predio y que el área se convierta en un lugar inseguro que propicie las actividades ilícitas.

(iii) Se tomarán medidas de mitigación para preservar vida y propiedad y los valores naturales de la llanura aluvial: se implementará un sistema de alerta temprana y transmisión para anunciar a los ciudadanos los eventos de inundación. Las estructuras se elevarán tres pies por encima del nivel de Elevación Base de Inundación (BFE, por sus siglas en inglés). El área de juegos consistirá principalmente de materiales permeables con estructuras abiertas. Se implementará un plan de reforestación para compensar cualquier impacto a los árboles/palmas existentes. El plan va a proponer especies nativas y endémicas que proveen comida y refugio a la vida silvestre local. El proyecto cumplirá con todas las disposiciones establecidas en las leyes y reglamentos locales y federales aplicables.

Vivienda reevaluó las alternativas para construir en el valle inundable y que no cuenta con alternativas prácticas. La documentación ambiental que evidencia el cumplimiento de los pasos 3 a 6 de la Orden Ejecutiva 11988 está disponible para inspección, revisión y reproducción de parte del público, de ser solicitado, en el horario y lugar indicados en el último párrafo sobre recibo de comentarios de este aviso.

Este aviso tiene tres propósitos principales. Primero, las personas que pueden verse afectadas por actividades en el valle inundable y aquellos que tengan interés en la protección del ambiente natural deben recibir la oportunidad de expresar sus inquietudes y proveer información sobre estas áreas. Segundo, un programa adecuado de avisos públicos puede ser una importante herramienta de educación pública. La divulgación de información y solicitud de comentarios sobre el valle inundable puede facilitar y mejorar los esfuerzos federales para reducir los riesgos e impactos asociados con la ocupación y alteración de estas áreas especiales. Tercero, como materia de justicia, cuando el gobierno federal determine participar en acciones ubicadas en en el valle inundable, debe informárselo a quienes puedan ser expuestos a un riesgo mayor o similar al presente.

Vivienda considerará todos los comentarios recibidos en o antes del 22 de noviembre de 2023. Pueden enviar los comentarios de forma impresa a la siguiente dirección: Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918-8461, Atención: María Torres, Especialista en Permisos y Cumplimiento Ambiental. Una descripción completa del proyecto está disponible al público para revisión de 8:30 a. m. a 4:00 p. m. en el Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918. El número para obtener información es (787) 274-2527, ext. 4320. Como alternativa, también pueden enviar los comentarios a Vivienda por medio electrónico a environmentcdbg@vivienda.pr.gov.

Fecha: 14 de noviembre de 2023

Lcdo. William O. Rodríguez Rodríguez
Secretario del Departamento de la Vivienda

DEPARTAMENTO DE LA VIVIENDA

public notice

Final Notice and Public Explanation of a Proposed
Activity in a 100-Year Floodplain

Escambrón Skate Park at Parque del Tercer Milenio
PR-CRP-000935

To: All Interested Parties, Groups, and Individuals

This is to give notice that the Puerto Rico Department of Housing (PRDOH) has conducted an evaluation as required by Executive Order 11988, in accordance with HUD regulations, in 24 CFR 55.20 Subpart C - Procedures for Making Determinations on Floodplain Management and Wetlands Protection. The activity is funded under the Community Development Block Grant - Disaster Recovery (CDBG-DR), City Revitalization Program (CRP), grant numbers B-17-DM-72-0001 and B-18-DP-72-0001. The proposed project, **PR-CRP-000935**, is within a municipality that suffered damages due to hurricanes Irma and Maria, and is located in Parque del Nuevo Milenio, north of Muñoz Rivera Avenue, PR-25 N, San Juan, PR; coordinates 18.4663, -66.0880. The proposed activity is located in an AE flood zone with dimensions of 3.8 acres. The floodplains in the project area can be found in the Flood Insurance Rate Map (FIRM) (panel 72000C0355J, effective 11/18/2009), as indicated on the FEMA Flood Map Service Center at https://msc.fema.gov/portal/home.

PRDOH has considered the following alternatives and mitigation measures to minimize adverse impacts and to restore and preserve natural and beneficial values:

(i) Selected alternative: The proposed project site was selected because it is an unused park space that needs improvements and other revitalization efforts. The site is owned by the Municipality of San Juan, has all necessary infrastructure, and its proposed use conforms to the zoning regulations. The proposed project will provide recreation alternatives to low- and moderate-income communities surrounding the area and will prevent the site from becoming a public nuisance.

(ii) The following alternative actions were considered and discarded: An alternative site outside of the flood zone was identified to develop the proposed project; however, this parcel is a private property and has ownership title issues. The no-action alternative will lead to the site's further deterioration and for the area to become an unsafe place conducive to unlawful activities.

(iii) Mitigation measures to preserve lives, property, and natural values of the flood plain will be taken: An early warning and broadcast system will be implemented to warn citizens in the event of floods. Structures will be elevated three feet above the Base Flood Elevation (BFE). The playground will consist mostly of permeable materials with open structures. A reforestation plan will be implemented to compensate any impact to existing trees/palms. The plan will propose native and endemic species that provide food and shelter to local wildlife. The project will comply with all the applicable local and federal laws and regulations.

PRDOH has reevaluated the alternatives to building in the floodplain and has determined that it has no practicable alternative. Environmental files that document compliance with steps 3 through 6 of Executive Order 11988 are available for public inspection, review, and copying upon request at the times and location stated in the last paragraph, on the topic of receipt of comments, of this notice.

There are three primary purposes for this notice. First, people who may be affected by activities in the floodplain and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public education tool. The dissemination of information and request for public comment about floodplains can facilitate and enhance federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the federal government determines it will participate in actions taking place in floodplain, it must inform those who may be put at greater or continued risk.

PRDOH will consider all comments received on or before November 22, 2023. Written comments can be sent to the following address: Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918-8461, Attention: María Torres, Permits and Environmental Compliance Specialist. A complete description of the project is available to the public for review from 8:30 a. m. to 4:00 p. m. at the Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918. The number to get information is (787) 274-2527, ext. 4320. In the alternative, comments may also be sent to PRDOH by email to environmentcdbg@vivienda.pr.gov.

Date: November 14, 2023

William O. Rodríguez Rodríguez, Esq.
Secretary of the Department of Housing

DEPARTMENT OF HOUSING

Andrea Curbelo-Marty

From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Tuesday, November 14, 2023 10:29 AM
To: Jose.A.CedenoMaldonado@hud.gov; Mahon, Donna M; Caribbean_es@fws.gov; Edwin_muniz@fws.gov; Rodriguez.elias@epa.gov; Guerrero.carmen@epa.gov; PublicMail.CESAJ-CC@usace.army.mil; Rich.Okulski@noaa.gov; Noah.Silverman@noaa.gov; nmfs.ser.esa.consultations@noaa.gov; FEMA-R4EHP@fema.dhs.gov; carubio@prshpo.pr.gov; comunicaciones@ddec.pr.gov; secretario@ddec.pr.gov; jannira.colon@ddec.pr.gov; Rivera_r1@jp.pr.gov; comentarios@jp.pr.gov; pmzc@drna.pr.gov; eortega@drna.pr.gov; ayudaciudadano@drna.pr.gov; anais.rodriguez@drna.pr.gov
Subject: Public Notice – Final Notice and Public Explanation of a Proposed Activity in the 100-Year Floodplain_PRDOH Case PR-CRP-000935
Attachments: Final Notice_El Vocero_PR-CRP-000935.pdf

Concerned agencies,

Enclosed please find a **Public Notice – Final Notice and Public Explanation of a Proposed Activity in the 100-Year Floodplain** the Puerto Rico Department of Housing (as the Responsible Entity) published as part of HUD's requirements for the release of CDBG-DR funds to undertake the project Escambrón Skate Park at Parque Tercer Milenio (PR-CRP-000935). The Final Notice was published in the *El Vocero* newspaper of Puerto Rico on November 14, 2023.

Respectfully,

Permits and Environmental Compliance Division
Office of Disaster Recovery
environmentcdbg@vivienda.pr.gov | 787.274.2527
Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA VIVIENDA

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November 30, 2023

To whom it may concern,

This letter is to validate that no comments were received in the Permits and Environmental Compliance Division e-mail: environmentcdbg@vivienda.pr.gov, for the Escambrón Skate Park at Parque Tercer Milenio (PR-CRP-000935), as part of the CDBG-DR City Revitalization Program. The Final Notice and Public Explanation of a Proposed Activity in the 100-Year Floodplain (Step 7) was published in the *El Vocero* newspaper of Puerto Rico on November 14, 2023, with a comment period that concluded on November 22, 2023. The 8-Step Decision Making Process Report was sent to the pertinent citizens who had commented on the Early Notice and Public Review of the Proposed Activity in a 100-Year Floodplain (Step 2) as agreed upon for their review, with a comment period that concluded on November 29, 2023.

Cordially,

Permits and Environmental Compliance Division
Disaster Recovery Office
environmentcdbg@vivienda.pr.gov | 787.274.2527 ext. 4320

Andrea Curbelo-Marty

From: Kenneth M. Garcia-De Leon
Sent: Thursday, November 30, 2023 4:41 PM
To: environmentcdbg
Subject: RE: Comentarios PR-CRP-000935

Saludos

Por correo postal no llegaron comentarios para mencionado proyecto.

Atentamente

Kenneth M. García De León
Oficial de Radicación de Informes de Operaciones
Oficina Recuperación de Desastres
kgarcia@vivienda.pr.gov|787.274.2527 **Ext. 4013**
Visit us: www.cdbg-dr.pr.gov
Write us: infocdbg@vivienda.pr.gov

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From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Thursday, November 30, 2023 11:46 AM
To: Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov>
Subject: Comentarios PR-CRP-000935

Saludos Kenneth,

Con respecto a la publicación del Aviso Final y Explicación Pública de una Actividad Propuesta en un valle inundable de 100 años (Paso 7) para el proyecto ***Escambrón Skate Park at Parque Tercer Milenio* (PR-CRP-000935)** ¿habrá llegado algún comentario a través del correo postal? De ser así, por favor nos lo hace llegar.

Cordialmente,

Permits and Environmental Compliance Division
Office of Disaster Recovery
environmentcdbg@vivienda.pr.gov | 787.274.2527
Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA VIVIENDA

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Attachment XI: Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800

GOVERNMENT OF PUERTO RICO
STATE HISTORIC PRESERVATION OFFICE
Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Thursday, September 5, 2024

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-08-26-24-02 PR-CRP-000935 (San Juan), Escambrón Skate Park at Parqe Tercer Milenio

Dear Ms. Poche,

We acknowledge receipt of the archaeological monitoring work plan submitted on August 26, 2024, for the case mentioned above. The plan is deemed acceptable, and we concur with its implementation. Please notify the PRSHPO the archaeological monitoring start date 48 hours prior to the initiation of work.

If you have any questions concerning our comments, do not hesitate to contact our Office.

Sincerely,

Carlos A. Rubio Cancela
State Historic Preservation Officer
CARC/GMO/ OJR

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

Arch. Carlos A. Rubio Cancela
Executive Director
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá, Third Floor
San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Aldo A. Rivera Vázquez, PE
Director
Division of Environmental Permitting and Compliance
Office of Disaster Recovery

8/26/2024

Carlos A. Rubio Cancela
State Historic Preservation Officer
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá (Tercer Piso)
San Juan, PR 00902-3935

Puerto Rico Disaster Recovery, CDBG-DR City Revitalization (City-Rev) Program

Re: SHPO 08-13-24-04, PR-CRP-000935: Escambrón Skate Park at Parqe Tercer Milenio Project, San Juan, Puerto Rico – Archaeology Monitoring Work Plan Submission

Dear Architect Rubio Cancela,

On behalf of the Puerto Rico Department of Housing (PRDOH), we thank you for your letter dated November 29, 2023, in response to the submission of documentation for PR-CRP-000935. The Escambrón Skate Park at Parqe Tercer Milenio Project. The letter stated your office had determined your records supported the finding of no adverse effect for the proposed undertaking, pursuant to the following conditions as proposed by PRDOH: Archaeological monitoring during project implementation and the preparation and submission of an archaeological monitoring work plan for review and concurrence.

As such, we are submitting the requested Work Plan for an Archaeological Monitoring Inspection for the Escambrón Skate Park at Parqe Tercer Milenios Project (PR-CRP-000935/SHPO 08-13-24-04) prepared by Archaeologist Imandra Martínez for your review and concurrence that the implementation of this plan is appropriate for this undertaking.

Please contact me with any questions or concerns by email at lauren.poche@horne.com or phone at 225-405-7676.

Kindest regards,

Lauren Bair Poche. M.A.
Architectural Historian, EHP Senior Manager
Attachments
LBP/JCO

PRDOH CDBG-DR CRP PROGRAM
Escambrón Skate Park
at Parque Tercer Milenio Project
San Juan, Puerto Rico
PR-CRP-000935/SHPO-08-13-24-04



Archaeological Monitoring Plan

Imandra Martínez, Archaeologist– Plexos Group
August, 2024

Incorporating the Archaeological Monitoring Work Plan Template developed by Archaeologist Sharon Meléndez Ortiz, HORNE PR, 2023

PREAMBLE

The Municipality of San Juan is seeking Community Development Block Grant disaster recovery funds financed by the federal Department of Housing and Urban Development due to damage received by the 2017 Hurricanes Irma and María. The Puerto Rico Department of Housing (PRDOH) has established an Agreement between PRDOH and the Municipality of San Juan for the City Revitalization Program as part of the Community Development Block Grant for Disaster Recovery (CDBG-DR) Program. The Municipality of San Juan proposes to revitalize Tercer Milenio Park with its sports facilities, flanked by San Agustín Street to the north, Normandie Street to the east, Sixto Escobar Park southeast, Luis Muñoz Rivera Avenue southwest and the parking lot to the west. (18.466300, -66.088000) (Figures 1 and 2). The Puerto Rico State Historic Preservation Office (PRSHPO), in a letter dated August 24, 2024, concurred with a finding of No Adverse Effect for this undertaking conditioned to the implementation of an archaeological monitoring during any ground-disturbing and excavations activities. In accordance with the 90% construction plans, the undertaking will include the reconstruction of the Escambrón Skate Park along with general improvement of the electrical system, the installation of new LED luminaires, reconstruction of the sidewalks, and rehabilitation of the existing floor finish to ADA-compliant pedestrian areas. The project also includes cleaning and painting of the maintenance building, restoration of concession building walls, construction of new bathroom, replacement and installation of new benches, new garbage cans, rehabilitation of bollards, reconstruction and improvements of the labeling system, and Installation of trees and new landscaping.

The direct APE of the Escambrón Skate Park, located in the Puerta de Tierra Historic District, which was included in the National Register of Historic Places (NRHP) in 2019 is approximately 343 m x 151m, (5.72 acres). The boundaries of the APE are as follows: to the north by San Agustín Street, to the east by Normandie Street, to the southeast by the walking track of Sixto Escobar Park, to the southwest by Luis Muñoz Rivera Avenue, and the west by the parking lots of San Agustín Street. According to the Section 106 NHPA Effect Determination Form, the visual APE is the viewshed of the proposed project, which extends considerably given its scale. Moreover, the buildings surrounding the APE range in their construction date from the 18th century to the first half of the 20th century. The project can be observed from the northwest of Luis Muñoz Rivera Park and along the interior facilities of Sixto Escobar. To the east from Normandie Street and across the coast. To the north, it can be seen along Escambrón Beach, up to the entrance of San Agustín Street, and the west from this same street.

The objectives of this archaeological monitoring plan are: (1) to establish measures to prevent indirect adverse effects on known historical resources; (2) to establish the protocol to be followed in archaeological monitoring; (3) to establish the protocol to be followed if previously unknown resources are identified; (4) to establish the protocol to be followed if there are any unexpected or previously unanticipated adverse effects; (5) to locate, evaluate, and document archaeological resources during project development; (6) to recover as much archaeological information as possible during excavation and construction; (7) to conserve and enhance the value of the archaeological resources

located and documented; and (8) in the event that the archaeological resource cannot be conserved *in situ*, to conserve it through documentation (preservation by record).

This document complies with applicable federal and state laws, regulations, and guidelines, and is consistent with the Secretary of the Interior's (SOI) Guidelines for Archeological Documentation, the Advisory Council on Historic Preservation's (ACHP) recommendations on the recovery of significant information from archaeological sites as updated in 2009, and Regulation #8932 of the Institute of Puerto Rican Culture (ICP). The plan was prepared by archaeologist Imandra Martínez, who meets the Professional Qualifications Standards set forth in 36 CFR Part 61.

This scope of work is divided into six (6) sections and one (1) appendix. The section following this preamble discusses the proposed construction works. The third section includes a brief description of the historic properties located within the APE and of the archaeological potential of the area. The fourth section provides a detailed description of the archaeological monitoring procedure to be carried out before, during and after the construction works. The fifth section includes the professional qualifications of the team that will implement this monitoring plan, and the last section includes the references cited. The plan closes with an appendix with a model of a monitoring daily activity sheet (Appendix A).

Figure 1. 1982, Project Location USGS map, the project location is highlight in yellow (Source: United States Geological Survey)

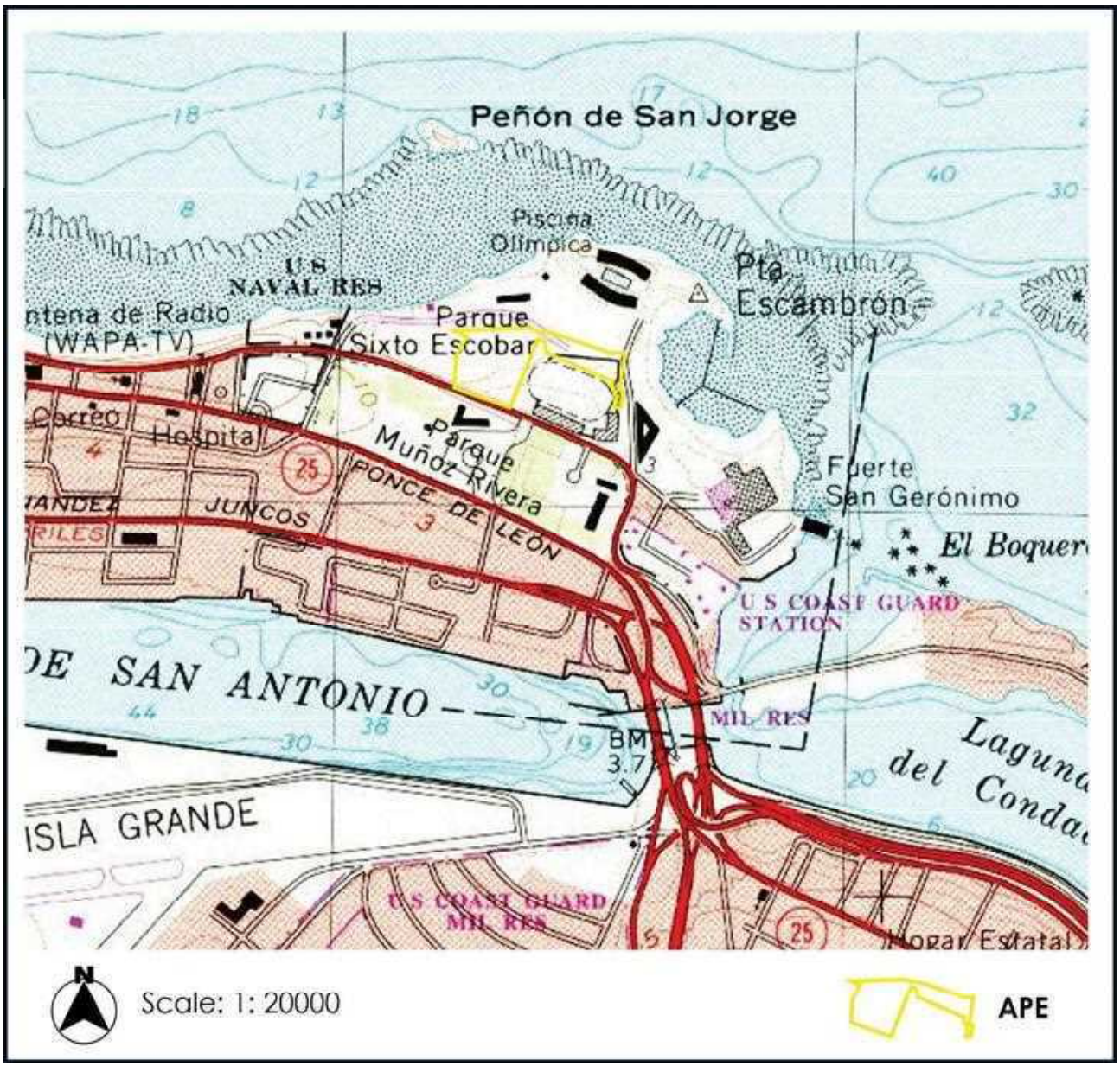


Figure 2. Project Parcel Location. Direct Area of Potential Effect Map (Source: Google Earth, 2024).



1. PROJECT DESCRIPTION

The project aims[1] to revitalize Tercer Milenio park in the municipality of San Juan and its sports facilities to improve the area for the resilience of the low-and moderate-income communities that live around the Puerta de Tierra that were affected by hurricanes Irma and María in 2017, as well as stimulate the economic activity in the area. The reconstruction project consists of rehabilitating the park grounds and the creation of a new design for the Escambrón Skate Park. This will involve the construction of a new concrete skatepark of around 30,000 sq. ft., including a new entrance and a new bathroom area. The electrical system will be improved through the installation of new LED luminaries with new poles and the replacement of others. The sidewalks around the park will also be reconstructed, including the removal of sign bases and posts, and any other element that can be an obstacle. The project also includes the removal of all broken pavers and the reinstallation of existing ones to achieve the existing surrounding concrete slab elevation. All pedestrian areas will be rehabilitated to make the existing floor finish ADA-compliant.

All the surfaces that will not be replaced will be cleaned. This also applies to all the surfaces (concrete and metal), stairs, and pedestrian bridge of the office maintenance building will be water pressure cleaned, prepared and painted. The exterior concession building walls will be restored through the repair and refinish of concrete cracks and fragmented finishes; also, will remove all existing paint through water blasting and scraping and therefore repaint.

The undertaking also includes new urban furniture with the installation of new benches and replacement of the ones damaged by the strong winds of hurricane María, installation of new garbage cans, installation and replacement of bollards, installation of bicycle racks, and the creation of shaded areas for park users. It will also include reconstruction and improvements of the labeling system that contains information about the plaza. The project will include planting trees with the replacement of the dead ones and pruning of the living ones, and the implementation of a sustainable landscape.

According to the 90% project plans, the general improvements that require ground disturbing and excavations activities are as follow:

1. Demolition, clearing, and reconstruction of sidewalks, baseball park, and bleachers (4,454 sf).
2. Grubbing of areas destined for trees and vegetation: approximately 3' deep (36,000 sf), this includes sodding and landscape area.
3. Construction of the gazebo structural foundation: 2', 4" deep (460 sf).
4. Construction of the main entrance and bathroom area foundation: up to 3' deep (632 sf).
5. Excavation of a storm pipe trench, approximately 3' deep (2,387 sf).
6. Undercut excavation for skateboard pit in bowl area, maximum depth of 18"-30" deep (8,628 sf).
7. Skate rail installation 1'6" deep (117 LF).

[1] To better understand the proposed undertaking, see the attached most recent design plans (Appendix B).

8. Rammed Aggregate Pier System for soil foundation 30" diameter and 30' deep. Spaced at 15 feet, a total of 250 piers are estimated. They are located throughout the project area in the entrance and skatepark.

The contractor shall take precautions during demolition works on environmentally and archaeologically sensitive areas. During the demolition and construction process, erosion and sedimentation control measures will be implemented to avoid sediment discharge during rainfall events.

Figure 3. Demolition site plan (Source: 90% Construction Document, Hernández Bauzá, PSC Architects).

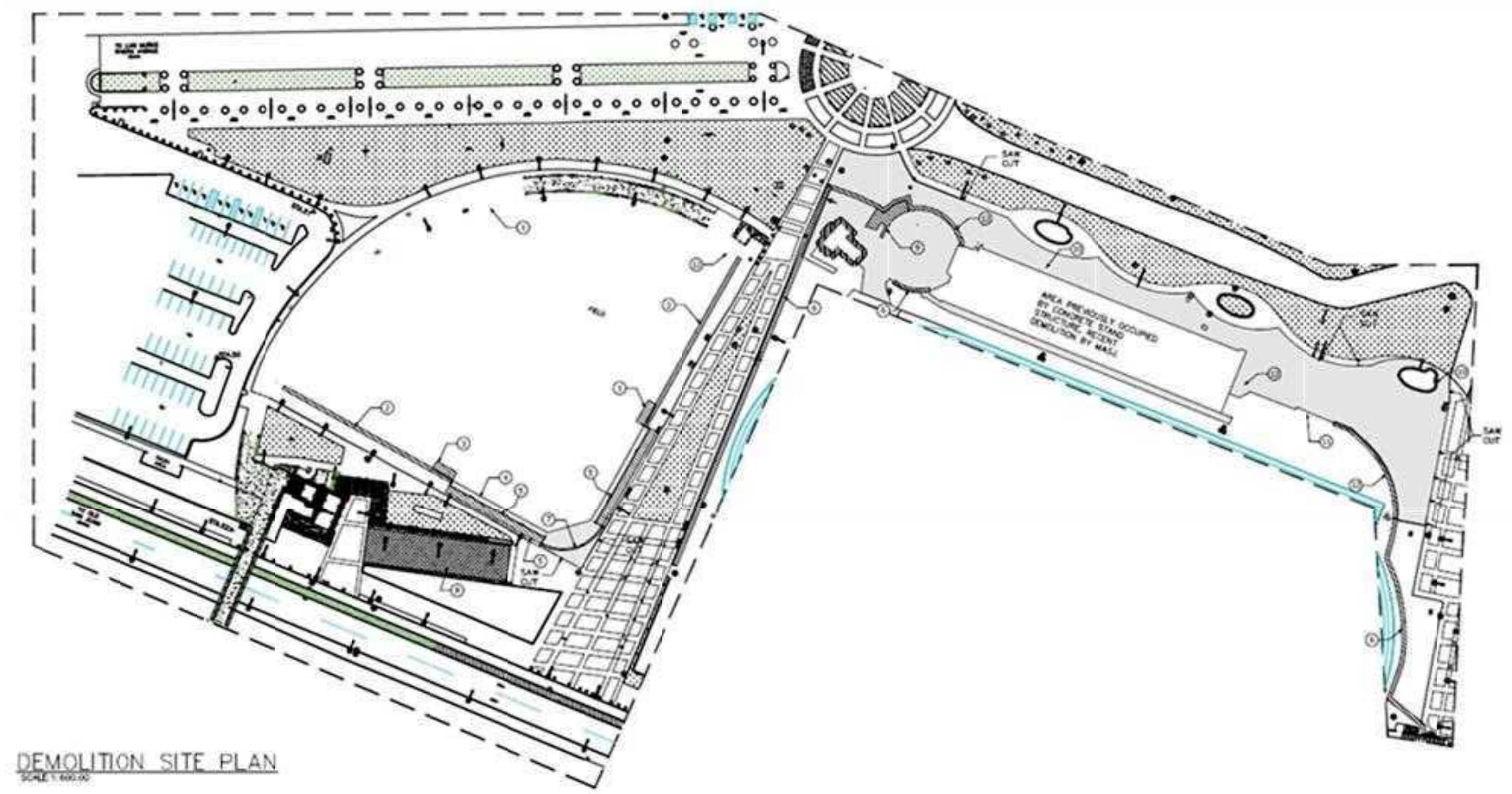
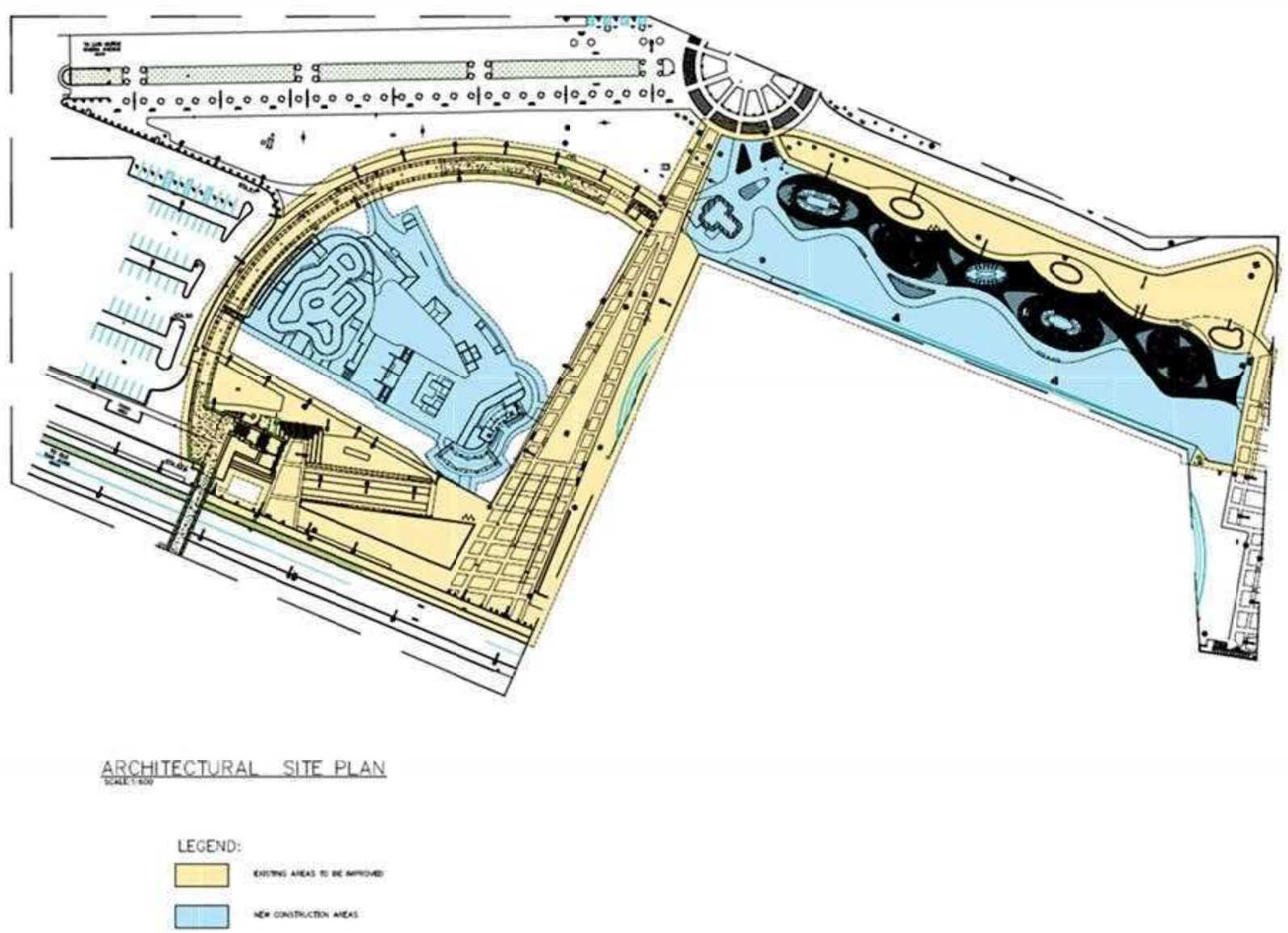


Figure 4. Proposed architectural site plan (Source: 90% Construction Document, Hernández Bauzá, PSC Architects).



2. HISTORIC PROPERTIES WITHIN THE APE

The project area is in the Escambrón, which is part of the Puerta de Tierra Historic District and was included in the National Register of Historic Places (NRHP) in 2019. The Puerta de Tierra sector is also part of the San Juan islet and has been inhabited since pre-Columbian times. This subject is explained in more detail later in the Archaeological Potential section. Imperial utopias have played a decisive role in the conformation of the islet-built urban landscape. Castilla after 1493, Spain after 1625, and the United States of America after 1898[2]. All of them have left their mark on the socio-cultural history and architecture of San Juan. Since 1519, with plans to move the city from Caparra, the entire islet has been considered for the new settlement of the San Juan city. In the Plan of Rodrigo de Figueroa, "Plano del asiento y del Puerto de la Ciudad de Puerto Rico", 1519 (Figure 4). The geographic conformation of the western part of the islet offered ideal conditions for the settlement of the new town; we can see the above. Finally, the walled city was developed to the west of the islet, which gave rise to forming the area we know today as Puerta de Tierra.

According to the National Register of Historic Places Registration Form. Puerta de Tierra Historic District, 2019, from the XVII century until the 1890s, a defensive wall divided both sectors, with the Puerta de Santiago providing entrance/exit to the urban core. Because it was the only portal facing land, it was nicknamed Puerta de Tierra (Land's Door), a name later bestowed upon the rest of the islet. The wall and door were destroyed in 1897 in response to the desire to have a less cramped urban center. (Figure 4). The origins of the urban development of Puerta de Tierra dates to the 18th century −the new houses were erected almost all south of the road that led to the only bridge between San Juan and Santurce, today Juan Ponce de León Avenue, and in the surroundings of the mangroves that bordered the San Antonio channel−(Hernández, Lizardi, Rivera & Martínez, 2023/2024). However, it was not until after 1898 that this urban development was accelerated. However, it was not until after 1898 that its urban development accelerated with the takeover by the U.S. government.

Until the 19th century, historical maps show the Escambrón area as a swamp (figure 5,6,7). In the early 20th century, the area appears to have been filled in (Figure 8). It was after this period that the area began to be urbanized. In the previous investigation by Zuleika Hernández, Virginia Rivera Calderón reviewed and edited by Imandra Martínez and Jorge Lizardi Pollock. *Escambrón Skate Park at Parque Tercer Milenio*, CRP-000935, Puerto Rico 2017 Disaster Recovery, CDBG-DR Program, City Revitalization Program (CRP), Section 106 NHPA Effect Determination, 2023/2024, the authors state that:

> *Between the sixteenth and eighteenth centuries, the mangrove-free land along the Puerta de Tierra neighborhood was used for subsistence agriculture and to meet construction*

[2] Arleen Pabón Charneco. *San Juan de Puerto Rico...Utopías de tres imperios*. Editado por Nuria, Miriam Hermi Zaar, & Magno Vasconcelos P. Junior. Actas del XIV Coloquio Internacional de Geocrítica: Las u topías y la construcción de la sociedad del futuro (Barcelona: Universidad de Barcelona, 2016).

> *needs. According to the minutes of the city council, these lands were ejidos, called "propios". The ejidos were rented or ceded in usufruct to the city's residents for crops, corrals for poultry breeding, and pastures. The entire strip of the northern coast and the area of the Escambrón beach were instead free and reserved for military uses until the beginning of the twentieth century. Known as the "polemical zone", the entire coast from the third to the first line of defense at the bridge of San Antonio, the fort of San Jerónimo and the battery of the Punta del Escambrón, was jealously controlled by the militia. The parable drawn by the launch of cannonballs from the embrasures determined for three centuries which areas should be free of permanent constructions.*

The Escambrón urban development did not begin until the 20th century. Until then, the landscape was dominated by defensive military structures, especially those of the First Line of Defense. In the first half of the 20th century, the space had multiple uses, including an insular fair, racetrack, dog track, and area to land small planes. Between 1931 and 1948, the area showed accelerated urban development (Figure 9,10). Important landmarks of Puerto Rican urbanism and architecture were built around the property where the project is located, such as the Luis Muñoz Rivera Park, the Normandie Hotel, and the Sixto Escobar Stadium. In the 1967 aerial photos, we can already see the old Olympic swimming pool north of the project area. The project was approved in 1963[3] (Figure 11). In the late 1990s the area occupied by the pool was landfilled for developing the Parque del Tercer Milenio project, The pool and its former parking spaces were transformed into an open green field. The parking area behind the baseball park was paved with asphalt, and a reformed Bulevar runs along the west of the park, ending in a roundabout (Hernández, Lizardi, Rivera & Martínez, 2023/2024) (Figure 12). It is important to note that no evidence of permanent construction has been found in the area where the project will be carried out.

As mentioned above, the project is in the Puerta de Tierra Historic District. Therefore, it is surrounded by properties contributing to or listed in the NRHP, such as the Hotel Normandie, built in 1939, an example of the Art Deco style on the island; the Supreme Court Building built in 1956; Luis Muñoz Rivera Park, a Beaux-Art example built between 1924 and 1925; Línea Avanzada, built by the Spanish military in the 18th; and the Sixto Escobar Stadium Design by Rafael Carmoega, inaugurated in 1935, among others.

Archaeological Potential

Cultural resource studies cited in the Section 106 NHPA Effect Determination Form reveal that the project area is of great historical and archaeological value and has been extensively studied. Sixteen out of 19 of these studies yielded positive results within a quarter-mile radius of the project area; however, no archaeological studies were identified within the APE, nor any pre-Columbian archaeological site.

Most of the archaeological studies made near the project area have had results associated with the historical period of the island. This is evidenced by the historical infrastructure, brick and mortar structures, Portland cement structures, and military structures around the APE, along with findings of ceramics, glass, metals, and fauna remains. The nearest

[3] *El Mundo*, 1 de noviembre de 1963, p. 24.

that required excavations was phase 1A-1B, made in 1992 by Thomas Addyman and Agamenón Gus Pantel for the project *Parque Luis Muñoz Rivera* (0.016 miles Southwest). In 1998, phase II was made by Jesús Vega for the project *Escambrón Battery-Third Millenium Park* (0.182 miles northwest). As a result, a protection plan was recommended for the First Advance Line battery. In 2000, Marisol Rodríguez Miranda carried out archaeological monitoring during *El Reverdecimiento de San Juan, Fases 1C Y 2A* project (0.149 miles southeast). This monitoring yielded cultural resources resulting in a recommendation of disclosing the information collected to the community. The following year, a phase IA-IB was prepared by Goodwin & Associates, Inc. for *the Stop 7 ½* site. Remnants of the Second Defense Line walls were identified along with a historical *muladar*that reflects activity between 1770 and 1890. The report concluded that the findings had enough integrity to suggest further research. In 2009, María A. Cashion Lugo carried out a phase II for the project, *Nueva Biblioteca y Estacionamiento Tribunal Supremo de Puerto Rico*, Trincheras Sobre Murallas (0.141 miles southeast). A recommendation to protect and consolidate the wall was concluded. Finally, in 2016, Sharon Meléndez Ortiz conducted archaeological monitoring for the Paseo *Puerta de Tierra Fase II* project (0.037 miles south). This project was carried out in the area where the city's first defensive line was built between 1799 and 1850.

On the other hand, the municipality of San Juan has a hundred archaeological sites reported from both offices that host inventories, the Puerto Rico State Historic Preservation Office (PR-SHPO) and the Programa de Arqueología y Etnohistoria of the Instituto de Cultura Puertorriqueña (ICP). Nine are associated with the pre-Columbian culture, but only two are in the San Juan Islet. One of the closest sites is called Los Dominicos (SJ0100001/SJ-1, OECH/ICP nomenclature), a pre-columbian residuary associated with the Agro-Alfarero II period (ca. 250AC-600AD) with an extension of 20 m, located under the Dominicos convent at 1.63 miles west of APE. The other site, located at .75 miles from the APE, is called by multiple names: Paseo Muñoz Rivera; Puerta de Tierra; San Juan # 1 (Rouse); San Juan 2 (SJ0100002/ SJ-2). This site, located under the Puerto Rico National Guard Building in Puerta de Tierra, is essential due to its extension and composition. This multi-component site extends to the Capitol to the west, to Ave. Ponce de León to the south and to the cliff where the Paseo de Puerta de Tierra is currently located in the north. The site covers prehistoric periods from Alfarero I and II (ca. 250AC-1200AD) and the historical period between XVIII and XIX centuries. As reported in the Section 106 NHPA Effect Determination Form, the project area has never had a permanent construction, and the area was a swamp until 1909. Also, the report indicates that:

> *(…) the proximity to the city's first line of defense (especially the northeast of the proposed project) and the investigation results supports its great relevance as a civil and military space. Graphic evidence shows that urban development in the area surrounding the project began to take shape in the 1930s and has undergone several changes up to the present day. The probability of finding archaeological remains from the early twentieth century is higher, primarily related to the study area's civil, sports, and recreational uses. As mentioned in the historical context, no evidence indicates the presence of military structures in the baseball park area. However, the absence of archaeological studies in the project area supports the need to monitor excavations to avoid adverse effects on this cultural context.* (Hernández, Lizardi, Rivera & Martínez, 2023/2024)

Below is a series of images related to the site's historical and archaeological significance and historical uses.

***Figure 4. 1519, Rodrigo de Figueroa, "Plano del asiento y del Puerto de la Ciudad de Puerto Rico (Source: Hernández Zuleika & others, 2023-2024.* Retrieved from Geo-Isla, https://www.geoisla.com/2017/06/plano-del-asiento-y-del-puerto-de-la-ciudad-de-puerto-rico-1519/).**



Figure 5. 1772, Thomás O´Daly, "Plano de la Plaza de San Juan" (Source: Sepulveda 2004, p. 145 in Hernández Zuleika & others, 2024).

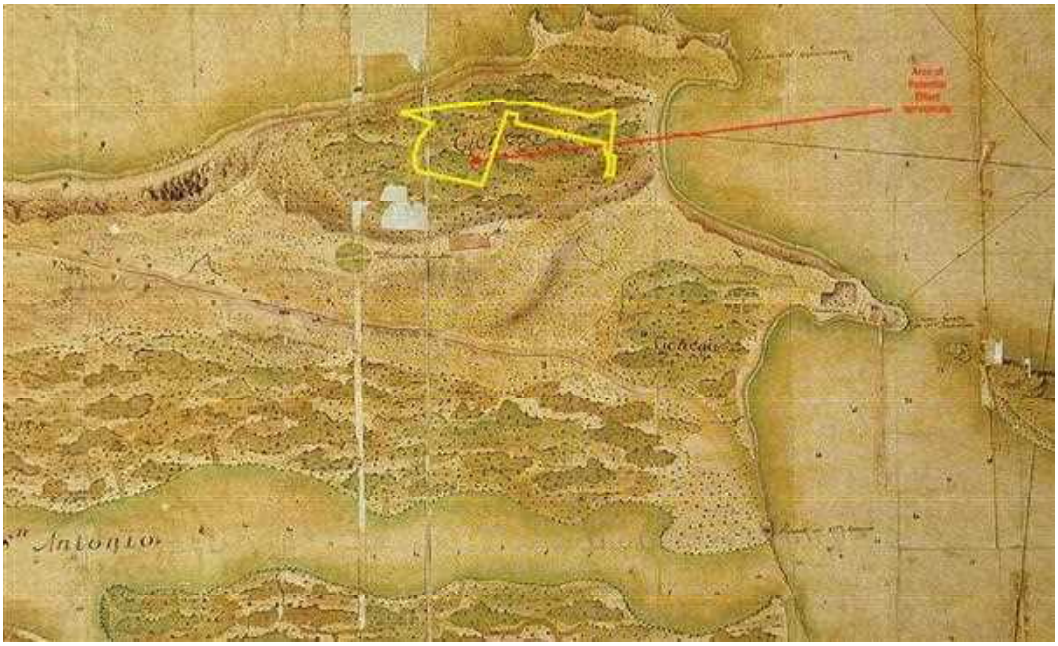


Figure 6. 1833 "Plano comprendido entre el glacis de Puerta de Tierra y obras exteriores", (Source José Marull, Protegiendo la Capital, p. 69 in Hernández Zuleika & others, 2024).

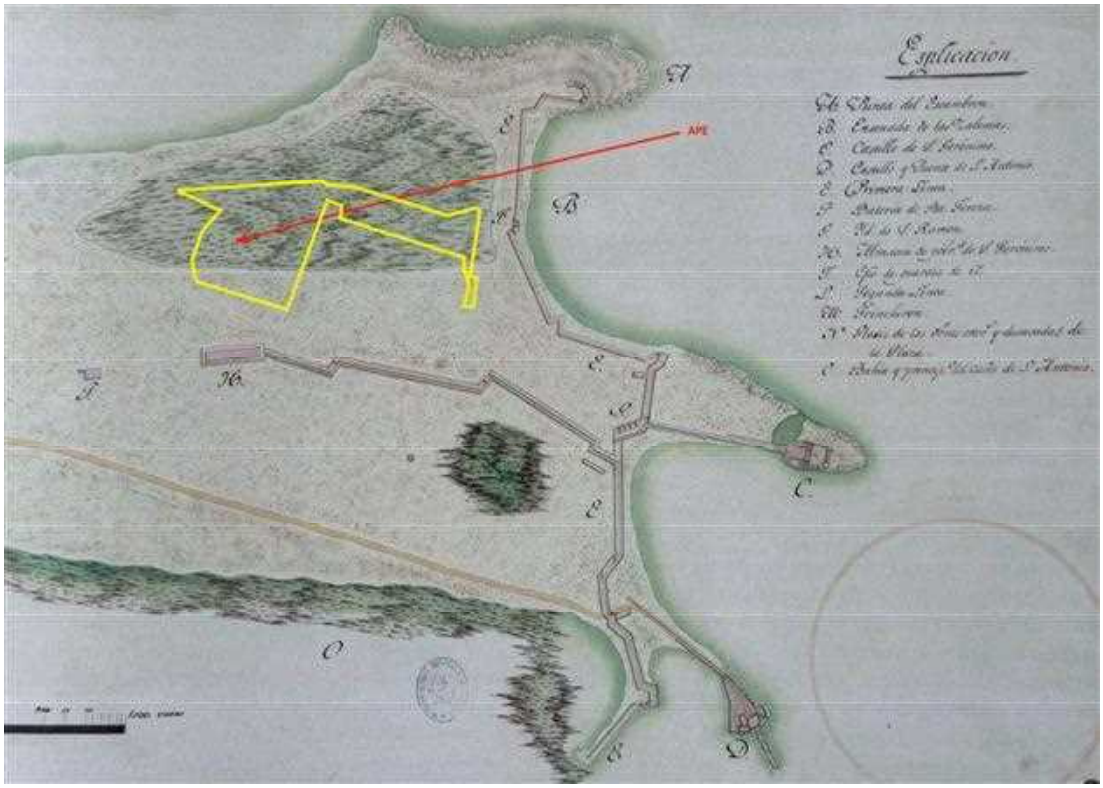


Figure 7. 1909, Bureau of Public Works, "Plan of San Juan Island which is part of San Juan, The Capital of Puerto Rico, 1909" (Source: Maps and Plans Collection of the Archivo de Arquitectura y Construcción de la Universidad de Puerto Rico in Hernández Zuleika & others, 2024).

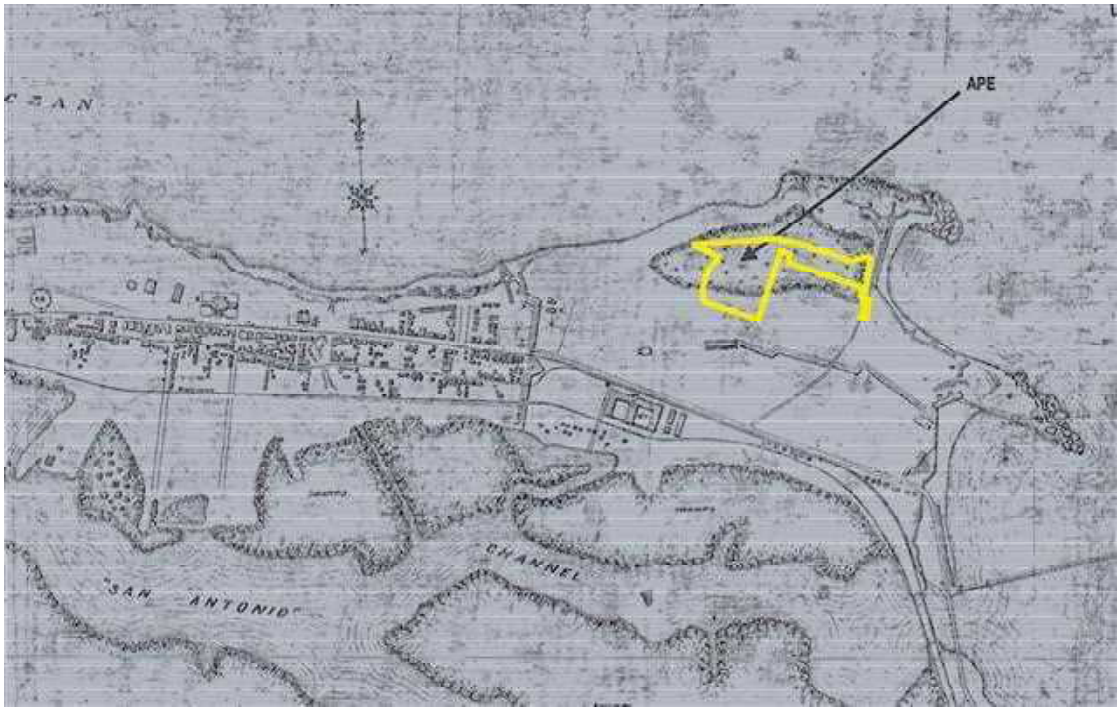


Figure 8. Aerial image from March 22, 1923 (Source: José Marull, Protegiendo la capital, p. 109 in Hernández Zuleika & others, 2024).



Figure 9. 1931 Aerial Photograph of San Juan and Puerta de Tierra Historic District (Source: Office of Photogrammetry, DTOP in Hernández Zuleika & others, 2024).

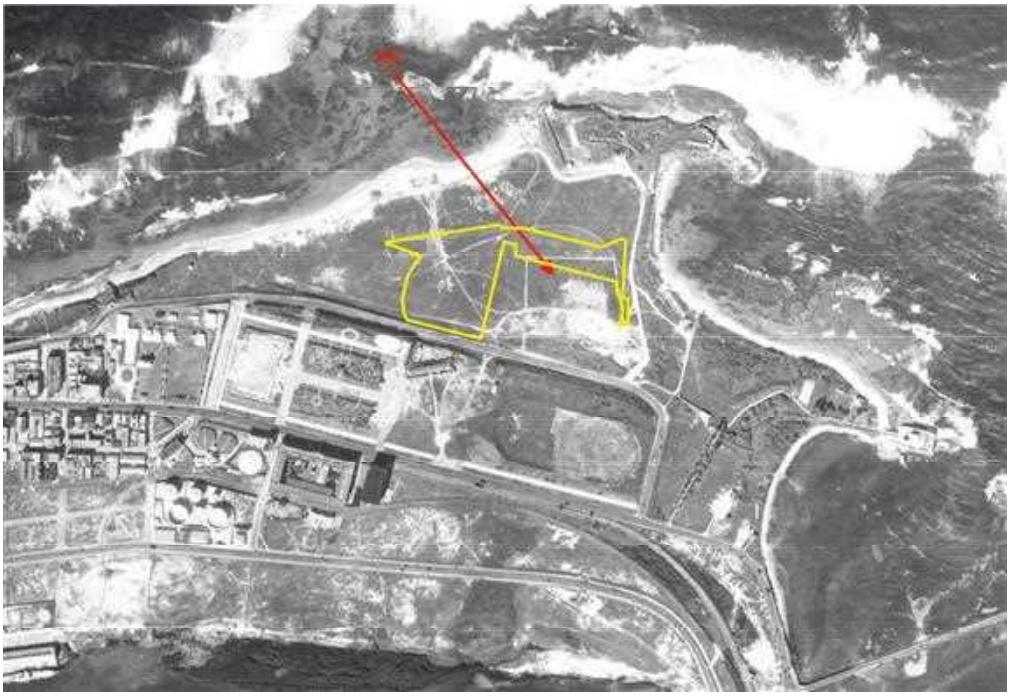
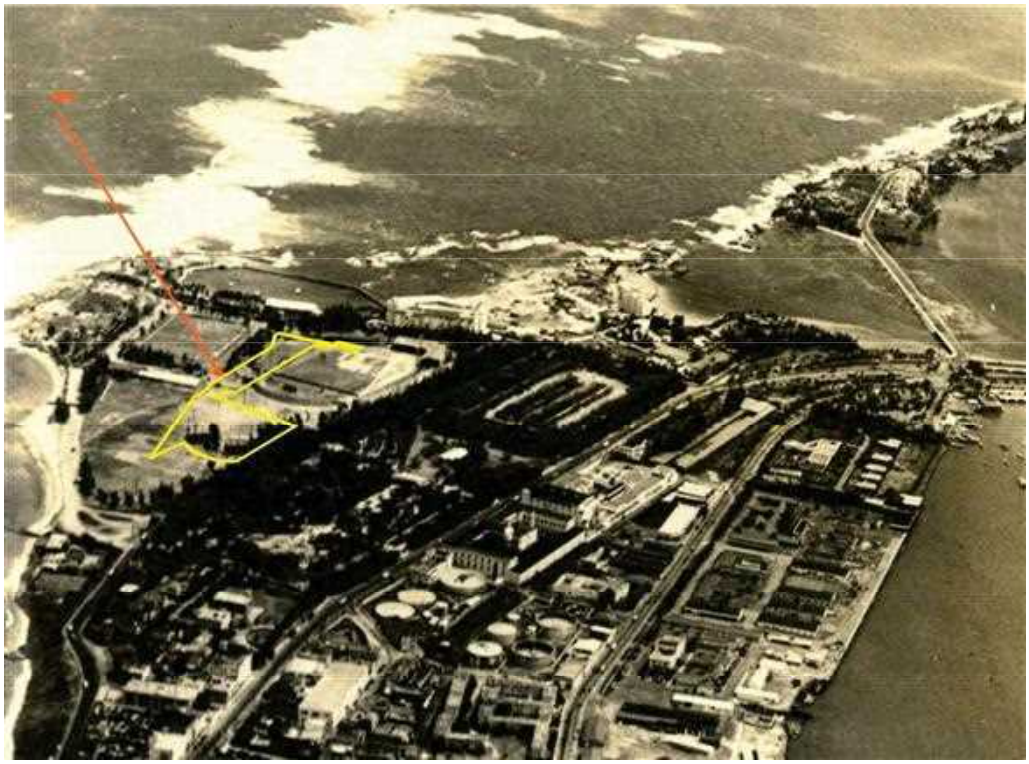


Figure 10. 1948, Charlie Rotkin. Aerial Photo of San Juan, for the Information Service Office of the Governor (Source: Rotkin Photograph Collection, Fundación Luis Muñoz Marín Archives in Hernández Zuleika & others, 2024).



igure 11. 1967, aerial photo of El Escambrón district (Source: USGS Earth Explorer, https://earthexplorer.usgs.gov/ in Hernández Zuleika & others, 2024).

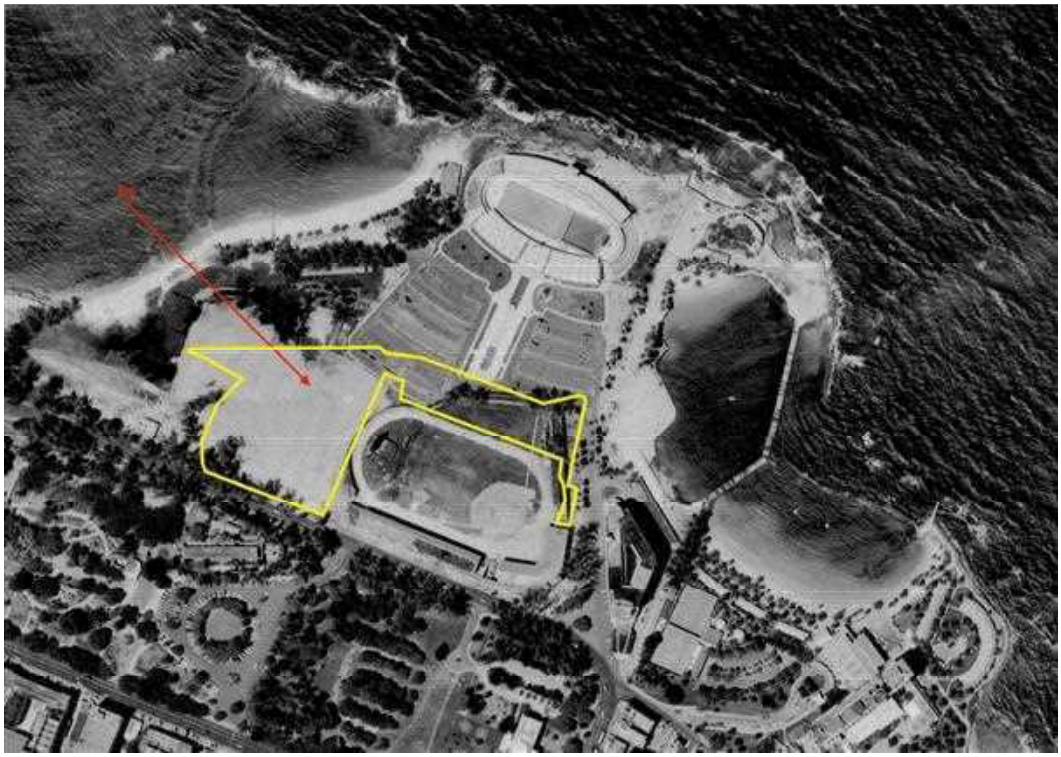


Figure 12. 2003, aerial photo of El Escambrón district (Source: USGS Earth Explorer, https://earthexplorer.usgs.gov/ in Hernández Zuleika & others, 2024).



Figure 13. Tercer Milenio park conditions. A: Panoramic view of the baseball field upon entering the main entrance on the southeast corner.B: Description: Demolished bleachers area and proposed skate park from the track and field within the Sixto Escobar Stadium. C. Cyclone fence entrance on the northeast corner of the Sixto Escobar Stadium and the proposed skate park. D. Track and field within the Sixto Escobar Stadium from the demolished bleachers area and proposed skate park. E. Partial structure on the southwest corner of the bleachers area to be demolished for the proposed skate park in the Sixto Escobar Stadium. F. View of the baseball field with the semicircular pedestrian ramp toward Luis Muñoz Rivera Park in the background.



A



B



C



D



E



F

3. ARCHAEOLOGICAL MONITORING PROCEDURE

The monitoring activities can be divided into three groups: activities before the project begins, activities during construction, and post-construction activities. Monitoring is limited to activities that entail demolition, excavations, and earth movements. Those reconstruction activities that do not entail excavations or earth movements do not require an archaeological monitor. However, if there are activities with heavy equipment taking place in the vicinity of historic buildings, there should be a monitor present to prevent accidents and indirect impacts.

A. Before Construction Begins

1. The Municipality/Construction Manager (CM) will notify the Project Manager (PM), Grant Manager (GM), and Monitor of the proposed activities' start date. The PM is responsible for coordination between the CM and the SOI-qualified archaeologist who will oversee the monitoring (Monitor).

2. Before any demolition or construction begins, the Municipality, PM, CM, GM, and Monitor will have a kickoff meeting to discuss the procedure for archaeological monitoring, including the coordination protocol between the Monitor and the Contractor. The Monitor will provide an orientation on the area's cultural resources and potential resources and their proper treatment. The Monitor will also explain which project activities require archaeological monitoring.

3. The Municipality, CM, PM, and construction crew will complete and sign a statement outlining the activities that may not be performed without the Monitor's presence, demonstrating their understanding and commitment to following the archaeological monitoring procedures.

4. The Monitor shall document the NHRP-eligible or potentially eligible buildings through detailed descriptions, photos, and scale drawings. Particular attention shall be paid to the construction stages of the building and to other associated structures that may exist within the project's area of potential effect. This data must be included in the final report.

B. During Demolition and Construction

1. The Monitor shall be in the field during all project activities involving demolition and ground disturbance, and activities with heavy machinery or lightweight equipment in the vicinity of historic buildings; access and clear sightlines to all demolition and excavation activities and debris removal will be provided to the Monitor.

2. The Monitor shall provide instructions directly to the construction field personnel concerning how to proceed when there is a potential to impact an archaeological resource. The construction field personnel will abide by these requests: excavate slowly, stop the excavation work to evaluate a finding, etc.

3. The Monitor shall keep a record of monitored activities. The Monitor shall fill out the Daily Record of Activities Form (see **Appendix A**). These forms should be sent weekly to the GM for review and will be attached to the final report as an appendix.

4. After the demolition and removal of surfaces, the Monitor shall document any exposed subsurface feature and shall complete a scale plan drawing. The amount, size, and placement of excavation units needed to document the features, if any, shall depend on the size and complexity of the feature being documented. If necessary to understand the context of the identified resource, the Monitor should conduct archival research of primary sources (like previous project files, newspapers, journals), cartographic sources, and historical images.

5. The Monitor shall document all other archaeological remains identified during construction activities, except for previously unidentified historically significant findings (refer to B-7 below). The documentation shall include a detailed description of the discovery, context, horizontal and vertical provenience, photos, and a plan drawing. This documentation shall be done within a reasonable amount of time, trying not to impact on the project schedule as much as possible.

6. Any subsurface feature may be demolished and removed after being documented by the Monitor and approved by the GM. The information recorded will be included in the final report.

7. If the identified archaeological remains are considered historically significant – i.e., complex structures, precolonial remains or stratified deposits – the Monitor shall instruct the construction crew to (1) immediately cease work in the vicinity of the discovery, (2) take all reasonable measures to avoid or minimize harm to the property, and (3) notify the Municipality, PM, CM, and GM. The GM shall immediately notify the SHPO, as per stipulation III.B.1.b. of the PA. The following protocol shall be followed:

    a. The Monitor shall make a preliminary assessment of the finding. The assessment shall include a description of the discovery, location, horizontal and vertical extent (if known), context, photographs, and drawings including a site plan. The assessment shall also include a work plan for implementing a National Register of Historic Places' eligibility evaluation of the exceptional remains.

    b. The assessment and NRHP-eligibility evaluation work plan shall be submitted via email to the PM and GM within 24 hours of the discovery. The GM will comment on the work plan within 24 hours of receiving it.

    c. The Monitor shall implement the work plan after receiving the GM's authorization to proceed. After completing the fieldwork, the Monitor shall prepare an End of Field Report, summarizing the results. Said report should include an NRHP-eligibility determination. The End of Field Report shall be

submitted via email to the PM and GM within 48 hours after completing the fieldwork.

d. The GM shall notify the SHPO of the NRHP-eligibility determination.

   i. If the finding is **not eligible** to the NRHP, the GM shall notify the SHPO and provide supporting documentation. Construction activities may resume under archaeological monitoring unless the SHPO disagrees with the NRHP determination and makes a timely objection within 48 hours of the notification.

   ii. If the finding is **eligible** to the NRHP, the criteria of adverse effect shall be applied. If the project activities do not adversely affect the finding, the GM shall notify the SHPO and provide supporting documentation. Construction activities may resume under archaeological monitoring unless the SHPO makes a timely objection within 48 hours of the notification.

If the project activities have an **adverse effect** on the NRHP-eligible finding, a Data Recovery will be implemented as a Treatment Measure per Appendix F of the PA. The Monitor shall develop a data recovery plan with a research design consistent with the Secretary of the Interior's Guidelines for Archeological Documentation (http://www.nps.gov/history/locallaw/arch_ stnds_7.htm) and the Advisory Council on Historic Preservation's (ACHP) recommendations on the recovery of significant information from archaeological sites as updated in 2009., at https://www.achp.gov/protectinghistoricproperties/Section_106

Archaeology Guidance. The data recovery plan shall be submitted via email to the GM for comments. The GM shall be responsible for submitting the data recovery plan to the SHPO for comments and approval. This treatment measure does not apply to burials or human remains (refer to II.B.11 of this work plan).

8. If any additional construction activities are added or design changes are made after the project has begun, the Municipality, CM and PM shall inform the GM and the Monitor prior to performing the work. The Monitor, in conjunction with GM, shall evaluate these activities and apply the adverse effect criteria. If it is determined that the effect is adverse, the archaeologist will provide recommendations on how to avoid, minimize, or mitigate the adverse effect. These recommendations will be consulted with the SHPO prior to implementation. The SHPO will have 15 days to comment on the recommendations. If no communication is received within that time frame it will be assumed that the SHPO has no objection and concurs with the recommendations outlined.

9. If during construction activities a historic property is affected in an unanticipated manner, the CM shall stop work immediately, and inform the Municipality, PM, GM and Monitor. The Monitor, in conjunction with GM, shall evaluate the unanticipated effects and apply the adverse effect criteria within no more than 24 hours. If the effect is determined to be adverse, the Monitor and GM will provide recommendations on how to avoid, minimize, or mitigate such adverse

effects. The GM shall consult with the SHPO on the recommendations prior to implementation. The SHPO will have 48 hours to comment on the recommendations. If no communication is received within that time frame, it will be understood that the SHPO has no objection and concurs with the recommendations outlined.

C. After Construction Ends

1. Upon the completion of archaeological monitoring, the Municipality, PM and GM shall be notified. The estimated date of delivery of the final report shall be indicated in the said notification.
2. A technical report shall be prepared detailing monitored construction activities, documentary research (if any), documentation archaeological features and other findings, and analysis and interpretation of the results. The report must include visual information, such as drawings and photos, and a sketch plan of all the documented findings. The report shall be submitted to the GM no later than two (2) weeks after completing the archaeological monitoring work. The GM shall submit the report to the SHPO no later than one (1) week after receiving it.

D. Human Remains

If human remains are discovered, the protocol established in Stipulation III.B.1.c. of the PA must be followed:

1. Stop work immediately.
2. Notify the local law enforcement office and coroner/medical examiner following applicable Commonwealth statute(s).
3. Protect the remains from any harm.
4. The GM shall be responsible for notifying the SHPO within twenty-four (24) hours of identifying human remains.

1. PROFESSIONAL QUALIFICATIONS

The Monitor must meet the minimum Secretary of the Interior's Professional Qualifications Standards for Archaeology established in 36 CFR Part 61. These are: a graduate degree in archaeology, anthropology, or closely related field, plus at least one (1) year of full-time professional experience or equivalent specialized training in archaeological research, administration, or management; at least four (4) months of supervised field and analytic experience in general Puerto Rican archaeology; the demonstrated ability to carry research to completion; and at least one (1) year of full-time professional experience at a supervisory level in the study of archaeological resources of the pre-Columbian and colonial periods. Please see https://www.nps.gov/history/local-law/arch_stnds_9.htm for more information.

The SOI-qualified archaeologist shall not defer their monitoring responsibilities to any other person who does not meet the minimum professional qualifications. Any additional personnel to intervene in monitoring efforts shall have vast experience in historic archaeology, in working in evaluation (Phase II), documentation (Phase III), and monitoring projects dealing with colonial period properties. The Principal Investigator may not transfer his or her duties, obligations, and responsibilities to subordinates or other technicians who are not professionally trained in archaeology.

5. CITED REFERENCES

Advisory Council on Historic Preservation
1980 *Treatment of Archeological Properties: A Handbook*. http://libraryarchives.metro.net/DPGTL/archaeology/1980_treatment_archaeological_properties.pdf.

Consejo para la Protección del Patrimonio Arqueológico Terrestre de Puerto Rico
2017 *Reglamento para la radicación y evaluación arqueológica de proyectos de construcción y desarrollo*. San Juan: ICP. Reglamento #8932 del 8 de febrero de 2017.

Hernández Zuleika, Rivera Virginia reviewed and edited by Imandra Martínez and Jorge Lizardi Pollock.
2024 *Escambrón Skate Park at Parque Tercer Milenio*, CRP-000935, Puerto Rico 2017 Disaster Recovery, CDBG-DR Program, City Revitalization Program (CRP), Section 106 NHPA Effect Determination, 2023/2024

Hernández -Bauzá, PSC Architects
2022 Improvements and new design of Escambrón Skate Park, San Juan, Puerto Rico.

Marull, José
2019 *Protegiendo la Capital: Desarrollo Histórico de las Obras Defensivas en Puerta de Tierra*. San Juan: OECH.

National Park Service
s/f *Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines [As Amended and Annotated} Professional Qualification Standards*. https://www.nps.gov/history/local-law/arch_stnds_9.html

s/f *Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines for Archeological Documentation*. http://www.cr.nps.gov/local- law/arch_stnds_7.html [Consulted 2/2013]

s/f *Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines for Historical Documentation*. http://www.cr.nps.gov/local- law/arch_stnds_5.html

s/f *Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines for Identification*. http://www.cr.nps.gov/locallaw/arch_stnds_5.html

Pabón, Arleen.
2010 La arquitectura patrimonial puertorriqueña y sus estilos. San Juan: Oficina Estatal de Conservación Histórica.

Puerto Rico State Historic Preservation Office (PRSHPO)
1993 *Guía para hacer investigaciones arqueológicas Fases I, II y III.* San Juan: Oficina del Gobernador

Sepúlveda Rivera, Aníbal
2004 *Puerto Rico Urbano: Atlas Histórico de la Ciudad Puertorriqueña, Vol. I-IV*. San Juan: Centro de Investigaciones Carimar.

United States Geological Survey

APPENDIX A: MONITORING DAILY ACTIVITY SHEET

	PUERTO RICO 2017 DISASTER RECOVERY **City Revitalization Program** **ARCHAEOLOGICAL MONITORING DAILY RECORD OF ACTIVITIES**
Case ID:	**Project Location:**
Municipality:	**Project Coordinates** (lat/long)**:**

SOI Qualified-Archaeologist:
Date of Monitoring: Click or tap to enter a date.
Work Hours:

Description of work performed by contractor and supervised by the Monitor:

	YES	NO
Was an archaeological remain documented during the day. If yes, include required information below.	☐	☐
Was an exceptional archaeological remain identified during the day? If yes, explain below.	☐	☐
Have the construction activities affected a previously unidentified property or a known historic property in an unanticipated manner? If yes, explain below.	☐	☐
Has there been a change in the scope of work of the project? If yes, explain below.	☐	☐

	PUERTO RICO 2017 DISASTER RECOVERY **City Revitalization Program** **ARCHAEOLOGICAL MONITORING DAILY RECORD OF ACTIVITIES**
Case ID:	**Project Location:**
Municipality:	**Project Coordinates** (lat/long)**:**

Site Photos	
Direction of Photo: Click here to enter text. **Description:** Click here to enter text.	
Direction of Photo: Click here to enter text. **Description:** Click here to enter text.	

APPENDIX B: 90% DESIGN PLANS

SAN JUAN
CIUDAD CAPITAL

90% Construction Drawings for:
Improvements and New Design of
ESCAMBRON SKATEPARK PR-CRP-000935
Municipio Autónomo de
San Juan, Puerto Rico





HERNANDEZ-BAUZA
PSC, ARCHITECTS

Project Management:
Dept. Urban Design and Project Development, Autonomous Municipality of San Juan, Puerto Rico

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Phone: 787-751-7241
Email: istraher@gmail.com

Site Information

Address: Ave. Luis Muñoz Marín, San Juan, 00901

Catastro: 040-006-125-01
Site Area: 24,070 mc

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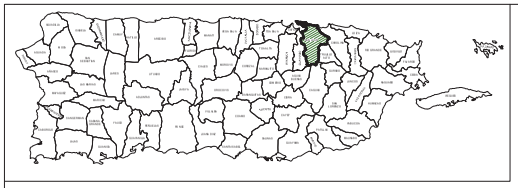
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CALIFICATION MAP



AERIAL MAP / SOW LOCATION MAP





HORIZONTAL & VERTICAL CONTROL STATIONS

STATION	COORDINATES NORTH (Y)	COORDINATES EAST (X)	ELEVATION	DESCRIPTION
STA. 1	269823.7310	236522.4270	3.1960	PK NAIL
STA. 2	269855.9870	236469.6830	3.3850	PK NAIL
STA. 3	269864.8015	236468.2297	3.2950	PK NAIL
STA. 4	269891.2907	236493.9885	2.9120	PK NAIL
STA. 5	269949.9673	236525.5995	2.3480	PK NAIL
STA. 6	269946.5845	236558.1125	2.3100	PK NAIL
STA. 7	269909.9164	236571.0392	2.8870	PK NAIL
STA. 8	269905.7580	236416.5380	3.4340	PK NAIL
STA. 9	270157.0890	236369.7220	8.9170	NAIL
STA. 10	270119.2580	236251.1070	2.1560	NAIL
STA. 11	270043.4170	236536.3510	1.7400	PK NAIL
STA. 50	270025.4080	236180.0710	2.0790	PK NAIL
STA. 51	270062.5250	236204.8540	1.9270	PK NAIL
STA. 52	269981.3774	236183.8252	4.6480	PK NAIL

IMPORTANT NOTES:

1- THIS MAP IS REFEREED TO STATE PLANE COORDINATE SYSTEM (LAMBERT) NAD83 NA 2011 (EPOCH 2010) AND ELEVATIONS TO PRVD02.

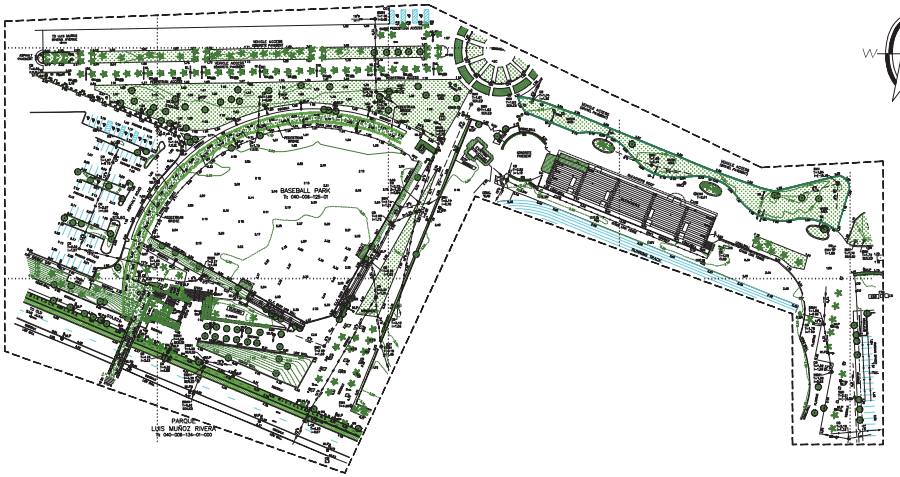
2- ALL MEASURES ARE IN METERS, UNLESS OTHERWISE STATED.

3- THIS DRAWING REPRESENTS THE RESULT OF THE DATA TAKEN ON THE SITES AT THE INDICATED DATE AND IT CAN ONLY REPRESENTS THE EXISTING CONDITIONS AT THE WRITTEN DATE.

4- THE INFORMATION PROVIDED ON THIS DRAWING MAY OR MAY NOT SHOW ALL THE STRUCTURES AND UTILITIES THAT ARE ABOVE OR BELOW THE GROUND.

5- ALL ILLUSTRATED SYMBOLS (UTILITIES IN GENERAL, TRAFFIC, ETC) ARE ONLY FOR ILLUSTRATION PURPOSES, THEY ARE NOT NECESSARY AS BIG AS THE SYMBOLS ARE.

6- THE ADJOINERS AND CADASTRE NUMBERS WERE OBTAINED FROM THE CRIM VIRTUAL PAGE.



0MTS. 20MTS. 50MTS. 75MTS.

GRAPHIC SCALE 1:1,000

LEGEND:

STA-## A	HORIZONTAL & VERTICAL CONTROL STATIONS
CN: ###	CRIM NUMBER
	TREE
	VEGETATION
	PROPERTY LIMIT (CRIM VIRTUAL PAGE)
	CONCRETE SWALE
	UNDERGROUND GAS LINE
	UNDERGROUND WATER LINE
	UNDERGROUND ELECTRIC POWER LINE
	UNDERGROUND UNKNOWN LINE
	UNDERGROUND SANITARY PIPES
	UNDERGROUND STORM SEWER PIPES
	IRON FENCE
	CHAIN LINK FENCE
	IRON FENCE OVER LOW WALL
	CHAIN LINK FENCE OVER LOW WALL
G	GATE
	CONTOUR LINE INTERVAL 0.25m
29.0	CONTOUR LINE INTERVAL 1.00m
29.00	SPOT ELEVATION
CS	CONCRETE SLAB
MC	METAL COVER
CLM	COLUMN
EB	ELECTRIC BOX
EM	ELECTRIC METER
TEB	TRANSFORMER ELEC. BOX
TC	TELECOMMUNICATION COVER
RS	ROAD SIGN
BN	CONCRETE BENCH
	ORNAMENTAL LIGHT POLE
MLP	PARK METAL LIGHT POLE
MLP	METAL LIGHT POLE
CLP	CONCRETE LIGHT POLE
CEP	CONCRETE ELECTRIC POLE
	METAL LAMP
	GUY WIRE
B	BOLLARDS
TC	TRASH CAN
	PLANTING & GREEN AREAS
CO	CLEAN OUT
WV	WATER VALVE
WM	WATER METER
FH	FIRE HYDRANT
SSMH	STORM SEWER MANHOLE
SMH	SANITARY MANHOLE
CB	CATCH BASING
T=21.15 D=20.18 I=19.12 CLOS F.O.W.	TOP ELEVATION DROP ELEVATION INVERT ELEVATION CLOGGED FULL OF WATER
	WAREHOUSE ENTRANCE
	GUARD HOUSE ENTRANCE



LOCATION MAP
SCALE 1:20,000 SAN JUAN QUADRANGLE
NORTH (Y) = 270066.92
EAST (X) = 236447.85



AERIAL PHOTO
SCALE 1:5,000



FEMA FIRM MAP
SCALE 1:10,000
MAP REVISED: NOVEMBER 18, 2009
MAP NUMBER: 72000C0356J
ZONE X, AE



ZONING MAP
NOT TO SCALE
"PLANO DE CALIFICACION DE SUELOS MUNICIPIO AUTONOMO DE SAN JUAN" SHEET No.2C, VALIDITY: MARCH 11, 2003
"CALIFICATIONS: D, DD, CR-H (SEE NOTE No.7)

MFORCE Professional Land Surveyors
161 PONCE DE LEON AVE, SUITE 304,
HATO REY WARD, SAN JUAN PR 00917
TEL: 787-548-1461,
email: INFO@MFORCEGROUP.COM

REVISIONS

NO.	DESCRIPTION	DATE:

AS-BUILT & TOPOGRAPHY SURVEY PLAN FOR ESCAMBRON SKATEPARK PROJECT LOCATED AT LUIS MUÑOZ RIVERA AVENUE OLD SAN JUAN, SAN JAUN, PUERTO RICO

FILE NAME: LS-2315 Escambron Skate Park, San Juan
DRAWN BY: J. NIEVES
FIELD DATA BY: C. FOURNIER
DRAWING SCALE: 1:1,000
DATE: SEPTEMBER 20, 2022

SITE - 1

PAGE NUMBER: 1 OF: 1

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SURVEY

COMPUTER PLOT
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--- E.H.

NUMBER 2 TOTAL 83

DRAWING NUMBER
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SURVEY BLOW-UP
SCALE: 1: 600.00

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ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SURVEY BLOW-UP

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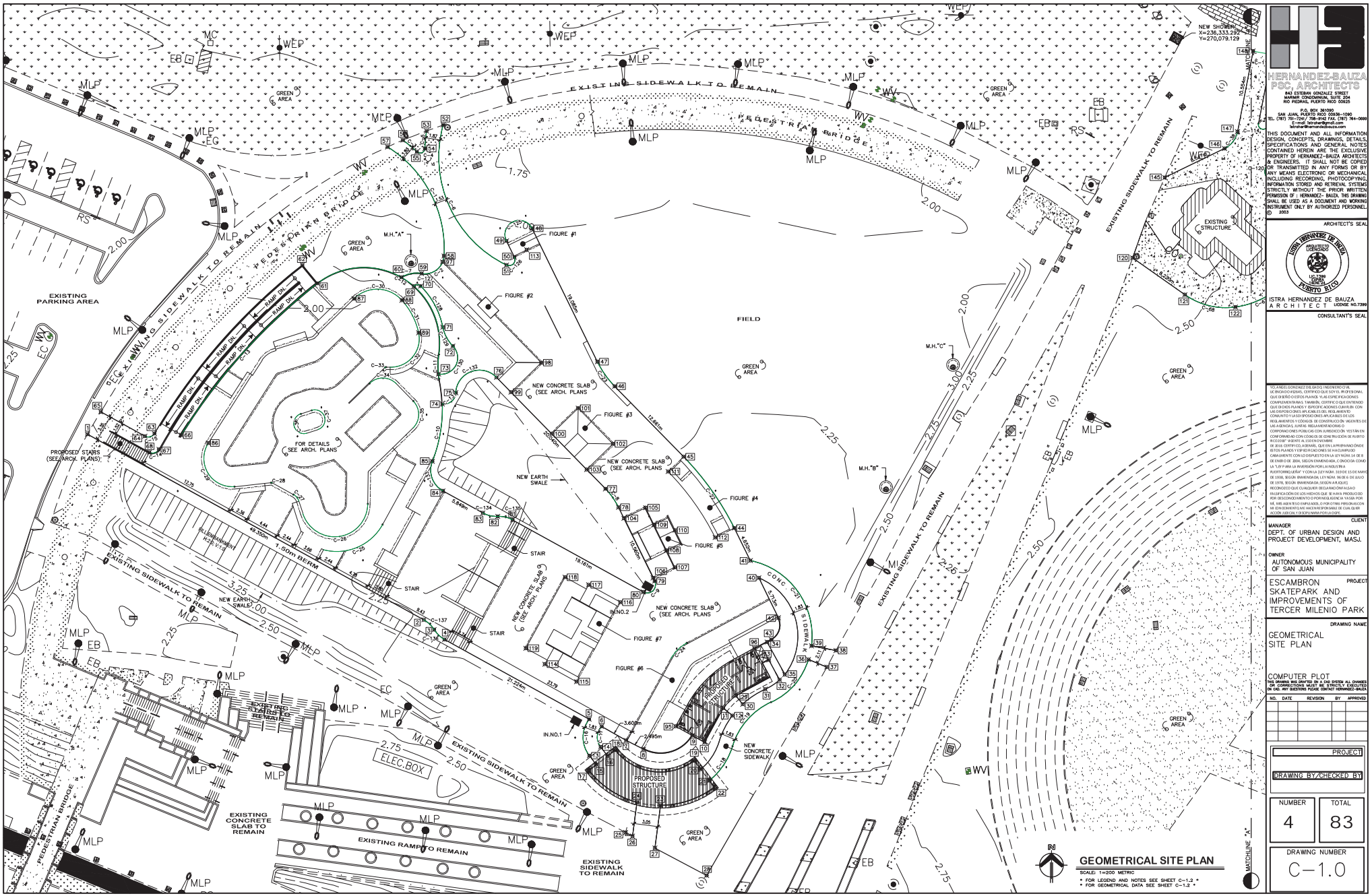
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3	83

DRAWING NUMBER
X-1.1



GEOMETRICAL SITE PLAN

SCALE: 1=200 METRIC

* FOR LEGEND AND NOTES SEE SHEET C-1.2 *
* FOR GEOMETRICAL DATA SEE SHEET C-1.2 *

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DRAWING NAME
GEOMETRICAL SITE PLAN

COMPUTER PLOT

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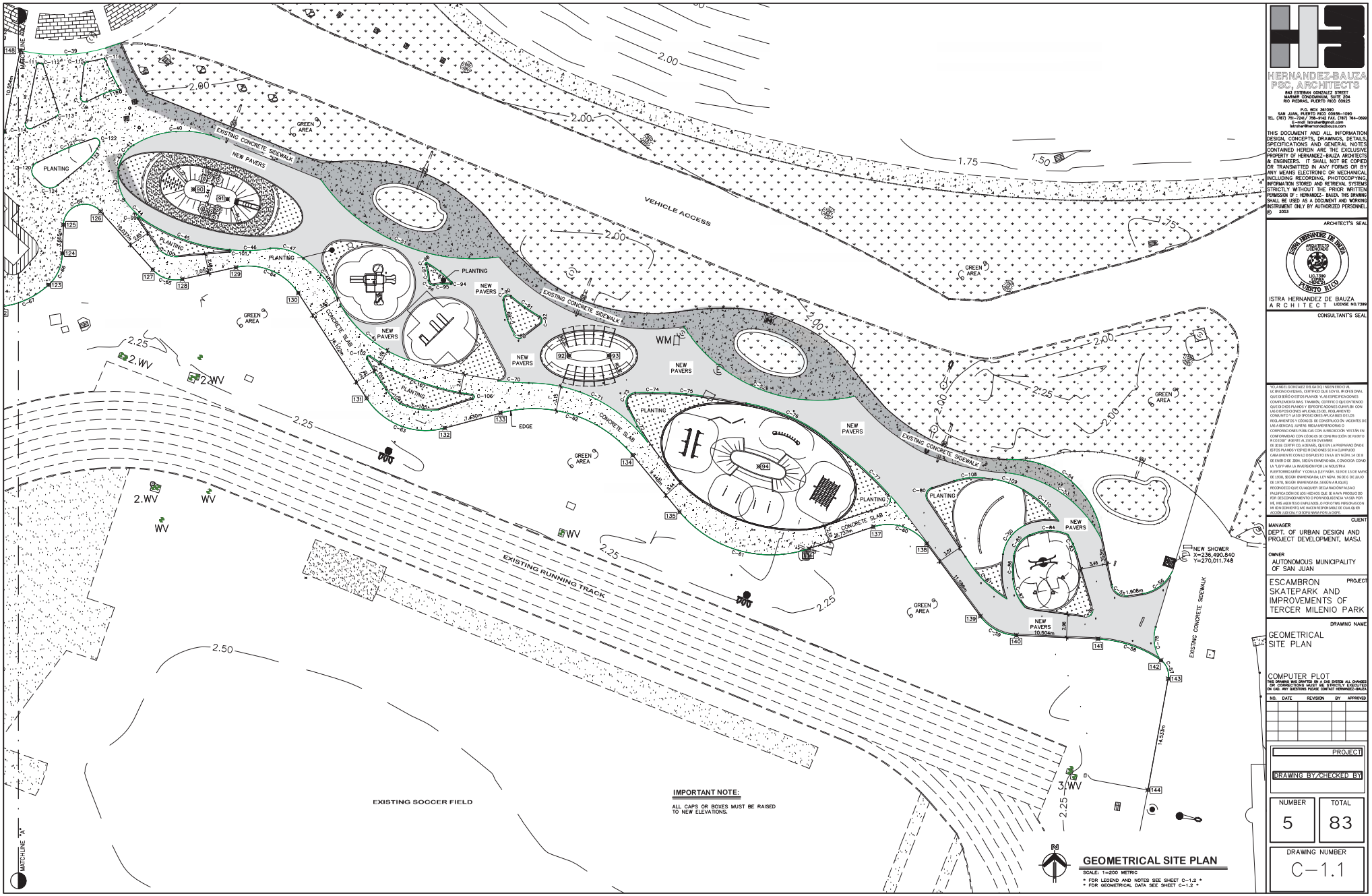
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4	83

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IMPORTANT NOTE:

ALL CAPS OR BOXES MUST BE RAISED TO NEW ELEVATIONS.

GEOMETRICAL SITE PLAN

SCALE: 1=200 METRIC

* FOR LEGEND AND NOTES SEE SHEET C-1.2 *
* FOR GEOMETRICAL DATA SEE SHEET C-1.3 *

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DRAWING NAME
GEOMETRICAL SITE PLAN

COMPUTER PLOT
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NUMBER	TOTAL
5	83

DRAWING NUMBER
C-1.1

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C-1	61°35'24"	15.41	9.18	2.53	16.56	15.78	270052.0604	236223.8189
C-2	96°55'51"	2.44	2.75	1.24	4.13	3.65	270051.2856	236236.7661
C-3	7°45'37"	17.24	1.17	0.04	2.33	2.33	270052.0610	236223.8195
C-4	131°29'57"	0.61	1.35	0.87	1.40	1.11	270064.9765	236236.1355
C-5	7°06'15"	18.25	1.13	0.04	2.26	2.26	270064.2725	236254.9786
C-6	79°43'26"	15.41	12.87	4.67	21.44	19.75	270063.8392	236253.9459
C-7	42°28'14"	3.66	1.42	0.27	2.71	2.65	270045.2890	236235.6698
C-8	18°13'35"	9.14	1.47	0.12	2.91	2.90	270014.8191	236253.4132
C-9	145°00'00"	1.07	3.38	2.48	2.70	2.03	270008.8910	236265.3132
C-10	23°38'29"	18.29	3.83	0.40	7.55	7.49	270031.4811	236220.7091
C-11	18°03'43"	10.06	1.60	0.13	3.17	3.16	270037.0418	236248.5046
C-12	136°00'54"	9.75	24.15	16.29	23.15	18.09	270039.9097	236228.9011
C-13	20°13'02"	74.69	13.32	1.18	26.36	26.22	269988.7694	236268.9223
C-14	89°24'41"	0.91	0.91	0.37	1.43	1.29	270026.7289	236201.7790
C-15	88°18'45"	0.91	0.89	0.36	1.41	1.27	270028.7850	236201.2074
C-16	75°27'40"	3.82	2.96	1.01	5.03	4.68	269989.2715	236260.8897
C-17	82°41'18"	1.99	1.75	0.66	2.88	2.63	269989.2717	236260.8902
C-18	3°59'29"	9.14	2.79	0.42	5.42	5.35	269990.7976	236267.5326
C-19	48°35'01"	9.14	4.13	0.89	7.75	7.52	269985.4723	236285.0280
C-20	49°11'01"	8.76	4.01	0.87	7.52	7.29	270001.7801	236277.6472
C-21	85°48'38"	9.91	9.21	3.62	14.84	13.49	270002.2806	236276.5931
C-22	18°43'32"	36.64	5.39	0.39	10.70	10.66	269999.7486	236243.7524
C-23	18°13'35"	12.19	1.96	0.16	3.88	3.86	270042.9153	236269.8539
C-24	32°56'10"	5.03	1.49	0.22	2.89	2.85	269996.9674	236272.7802
C-25	75°50'08"	6.71	5.22	1.79	8.88	8.24	270019.8582	236225.4352
C-26	161°29'31"	4.27	26.19	22.27	12.03	8.42	270019.3244	236225.1407
C-27	43°22'46"	1.52	0.61	0.12	1.15	1.13	270019.1322	236219.1203
C-28	35°00'00"	0.30	0.10	0.01	0.19	0.18	270021.6888	236217.0039
C-29	126°50'16"	3.66	7.31	4.52	8.10	6.54	270025.1318	236212.0039
C-30	92°18'37"	4.27	4.44	1.89	6.87	6.16	270042.5929	236230.6221
C-31	29°46'13"	9.14	2.43	0.32	4.75	4.70	270039.3282	236226.9993
C-33	43°08'21"	0.30	0.12	0.02	0.23	0.22	270036.5397	236231.7677
C-34	90°00'00"	2.44	2.44	1.01	3.83	3.45	270033.0036	236231.3469
C-35	90°00'00"	2.44	2.44	1.01	3.83	3.45	270030.7871	236233.5124
C-36	180°00'00"	1.30	INFINITY	INFINITY	4.07	2.59	270029.6054	236221.2085
C-37	180°00'00"	1.30	INFINITY	INFINITY	4.07	2.59	270030.0580	236222.6142
C-38	5°30'04"	3.05	1.52	0.36	2.83	2.73	270067.6956	236338.1673
C-39	34°40'18"	21.66	6.76	1.03	13.10	12.91	270098.5743	236348.0582
C-40	55°19'58"	12.02	6.30	1.55	11.61	11.16	270055.0802	236364.0665
C-41	23°26'51"	3.99	0.83	0.09	1.63	1.62	270061.9201	236369.8634
C-42	13°14'11"	8.34	0.97	0.06	1.93	1.92	270059.9974	236363.7833
C-43	31°37'27"	6.94	1.96	0.27	3.83	3.78	270061.6135	236362.6568
C-44	22°08'28"	11.75	2.30	0.22	4.54	4.51	270065.1287	236366.1286
C-45	29°38'34"	24.21	6.41	0.83	12.53	12.39	270076.0081	236372.2327
C-46	17°23'47"	17.17	2.62	0.20	5.21	5.19	270068.9349	236372.2057
C-47	43°57'43"	6.10	2.46	0.48	4.68	4.56	270045.9724	236375.8417

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C-48	25°03'42"	15.52	3.45	0.38	6.79	6.74	270038.4371	236370.1709
C-49	41°41'10"	16.02	6.10	1.12	11.65	11.40	270052.8942	236398.1523
C-50	56°04'02"	4.99	2.66	0.66	4.89	4.69	270011.9705	236474.3831
C-51	62°53'24"	23.94	14.64	4.12	26.28	24.98	270074.6546	236401.3911
C-52	70°40'26"	20.52	14.55	4.63	25.31	23.73	270053.0509	236445.7405
C-53	57°28'16"	15.48	8.48	2.17	15.52	14.88	270007.8392	236468.2137
C-54	79°25'45"	11.67	9.69	3.50	16.17	14.91	270013.2858	236470.6115
C-55	85°51'49"	1.84	1.71	0.67	2.76	2.51	270009.2458	236485.2397
C-56	54°18'59"	5.24	2.69	0.65	4.97	4.79	270012.8694	236486.5022
C-57	62°54'13"	2.44	1.49	0.42	2.68	2.54	269997.2162	236488.2651
C-58	31°55'26"	15.54	4.44	0.62	8.66	8.55	269986.3681	236480.9172
C-59	50°54'03"	6.10	2.90	0.66	5.42	5.24	270008.4489	236471.4305
C-60	72°07'32"	6.10	4.44	1.45	7.67	7.18	270010.5015	236454.7373
C-61	69°04'53"	15.24	10.49	3.26	18.37	17.28	270027.9218	236439.6343
C-62	65°30'52"	16.46	10.59	3.11	18.82	17.81	270015.0080	236409.1828
C-63	72°03'59"	9.14	6.65	2.16	11.50	10.76	270037.7945	236395.3442
C-64	69°18'33"	7.62	5.27	1.64	9.22	8.67	270042.1595	236372.5135
C-65	60°30'17"	3.96	2.31	0.62	4.18	3.99	270051.9687	236363.1507
C-66	48°17'15"	5.43	2.43	0.52	4.57	4.44	270051.3562	236343.1539
C-67	34°37'15"	10.99	3.42	0.52	6.64	6.54	270055.4648	236339.4088
C-68	42°50'29"	9.14	3.59	0.68	6.84	6.68	270053.6382	236339.6567
C-69	136°01'15"	2.74	6.79	4.58	6.51	5.09	270064.9762	236351.4605
C-70	4°23'30"	51.74	1.98	0.04	3.97	3.97	270086.4661	236410.4326
C-71	52°59'45"	19.11	9.53	2.24	17.67	17.05	270015.6479	236408.5384
C-72	7°20'50"	38.25	2.46	0.08	4.91	4.90	270048.5234	236455.5209
C-73	115°07'05"	1.22	1.92	1.05	2.45	2.06	270032.2912	236422.2322
C-74	3°17'20"	77.35	2.22	0.03	4.44	4.44	269956.1852	236424.2165
C-75	7°54'06"	30.63	2.12	0.07	4.22	4.22	270002.8771	236425.8112
C-76	31°06'30"	22.31	6.21	0.85	12.11	11.96	270010.1369	236432.9139
C-77	17°00'42"	47.09	7.04	0.52	13.98	13.93	269988.8999	236419.8731
C-78	46°20'39"	5.03	2.15	0.44	4.07	3.96	270001.9817	236493.8846
C-79	113°18'44"	0.76	1.16	0.62	1.51	1.27	270019.7789	236454.2072
C-80	106°31'29"	1.07	1.43	0.72	1.98	1.71	270020.2798	236460.6358
C-81	27°17'01"	16.03	3.89	0.47	7.64	7.56	270020.6626	236478.3910
C-82	114°01'40"	0.91	1.41	0.77	1.82	1.53	270005.6371	236480.0860
C-83	12°19'51"	12.92	1.40	0.08	2.78	2.78	270008.8068	236466.6268
C-84	48°10'48"	6.01	2.69	0.57	5.05	4.90	270009.8014	236475.4240
C-85	56°56'23"	3.60	1.91	0.48	3.52	3.38	270011.9705	236474.3831
C-86	12°45'26"	13.27	1.48	0.08	2.95	2.95	270010.6763	236483.9620
C-87	36°43'16"	6.37	2.11	0.34	4.08	4.01	270010.1165	236477.0842
C-88	93°47'08"	0.61	0.65	0.28	1.00	0.89	270041.0872	236407.3488
C-89	28°19'02"	10.07	2.54	0.32	4.98	4.93	270046.2490	236415.2784
C-90	134°54'14"	0.61	1.47	0.98	1.44	1.13	270045.4663	236405.8492
C-91	9°10'40"	28.26	2.27	0.09	4.53	4.52	270067.5303	236424.4672
C-92	112°10'15"	0.61	0.91	0.48	1.19	1.01	270042.7792	236409.6067
C-93	13°41'02"	16.91	2.03	0.12	4.04	4.03	270035.7991	236386.6194

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C-94	141°24'05"	0.15	0.44	0.31	0.38	0.29	270047.5994	236398.5207
C-95	18°47'50"	6.58	1.09	0.09	2.16	2.15	270040.9151	236397.7223
C-96	101°10'48"	0.61	0.74	0.35	1.08	0.94	270047.9474	236396.2294
C-97	18°34'15"	6.58	1.08	0.09	2.13	2.12	270047.8463	236389.0412
C-98	141°00'41"	0.15	0.43	0.30	0.38	0.29	270050.0797	236395.3916
C-99	159°05'17"	0.15	0.83	0.69	0.42	0.30	270065.9669	236358.3799
C-100	60°36'52"	3.05	1.78	0.48	3.22	3.08	270054.0362	236363.2144
C-101	169°56'25"	0.15	1.73	1.59	0.45	0.30	270051.7383	236370.1051
C-102	154°16'52"	0.30	1.34	1.06	0.82	0.59	270037.9806	236387.9719
C-103	4°23'02"	61.03	2.34	0.04	4.67	4.67	270068.5487	236440.4369
C-104	23°43'36"	6.10	1.28	0.13	2.52	2.51	270037.2085	236395.3225
C-105	30°47'22"	9.40	2.59	0.35	5.05	4.99	270040.6679	236395.8754
C-106	155°16'30"	0.30	1.39	1.12	0.83	0.60	270032.9995	236401.2066
C-107	26°51'33"	30.14	7.20	0.85	14.13	14.00	270063.2033	236405.0196
C-108	24°37'07"	9.30	2.03	0.22	3.99	3.96	270013.3212	236465.9496
C-109	23°43'18"	10.16	2.13	0.22	4.21	4.18	270012.3317	236466.8679
C-110	22°12'32"	15.80	3.10	0.30	6.13	6.09	270007.4142	236464.0963
C-111	79°02'11"	0.30	0.25	0.09	0.42	0.39	270075.5250	236345.5895
C-112	68°54'36"	0.30	0.20	0.06	0.35	0.33	270075.5036	236345.8429
C-113	82°23'09"	0.61	0.53	0.20	0.88	0.80	270069.5202	236347.4993
C-114	128°53'08"	0.61	1.22	0.75	1.35	1.09	270068.0379	236344.4495
C-115	73°14'14"	0.61	0.45	0.15	0.78	0.73	270075.4156	236351.9683
C-116	78°36'13"	0.47	0.38	0.14	0.64	0.59	270075.9361	236353.7514
C-117	5°24'16"	30.02	1.42	0.03	2.83	2.83	270087.5119	236381.9688
C-118	20°01'15"	7.63	1.35	0.12	2.67	2.65	270064.8691	236356.7728
C-119	122°24'28"	0.61	1.11	0.66	1.30	1.07	270071.4746	236351.5203
C-120	110°38'53"	1.22	1.76	0.92	2.35	2.01	270061.9971	236345.8890
C-121	6°29'38"	28.96	1.64	0.05	3.28	3.28	270038.2423	236360.4793
C-122	141°38'05"	0.61	1.75	1.25	1.51	1.15	270065.5863	236352.7971
C-123	18°22'26"	8.23	1.33	0.11	2.64	2.63	270069.2435	236346.0938
C-124	82°50'59"	1.52	1.34	0.51	2.20	2.02	270061.3395	236347.0229
C-125	180°00'00"	1.83	INFINITY	INFINITY	5.75	3.66	270053.8835	236248.8655
C-126	141°57'14"	0.76	2.21	1.58	1.89	1.44	270050.6584	236247.5608
C-127	91°47'27"	0.61	0.63	0.27	0.98	0.88	270046.8315	236235.7735
C-128	33°37'27"	10.36	3.13	0.46	6.08	5.99	270039.9100	236228.9014
C-129	32°47'45"	4.88	1.44	0.21	2.79	2.75	270042.9696	236243.8311
C-130	142°52'38"	2.13	6.35	4.57	5.32	4.05	270038.0667	236238.8204
C-131	98°26'15"	1.52	1.68	0.74	2.54	2.26	270033.6300	236239.2018
C-132	132°57'36"	3.05	7.00	4.59	7.07	5.59	270033.4140	236243.7687
C-133	82°44'30"	3.05	2.68	1.01	4.40	4.03	270023.6147	236240.5421
C-134	31°13'06"	3.66	1.02	0.14	1.99	1.97	270021.3221	236245.9579
C-135	31°13'00"	3.66	1.02	0.14	1.99	1.97	270014.0129	236246.2545
C-136	29°04'37"	3.66	0.95	0.12	1.86	1.84	270005.0538	236241.0404
C-137	29°04'43"	3.66	0.95	0.12	1.86	1.84	270001.1741	236234.8388

COORDINATE POINTS

POINT ID	NORTHING	EASTING
1	270028.2207	236193.3982
2	270004.3765	236236.6059
3	270003.1140	236237.8396
4	270001.8515	236239.2731
5	269991.5965	236257.8553
6	269990.6707	236259.4691
7	269988.8796	236262.5915
8	269987.7523	236264.8358
9	269989.5151	236271.1093
10	269988.6457	236272.6900
11	269993.0300	236275.1016
12	269992.0646	236276.2562
13	269986.9180	236257.8776
14	269988.0402	236259.3217
15	269985.7467	236258.7812
16	269986.8643	236260.2287
17	269985.0137	236257.8324
18	269987.6225	236261.2087
19	269986.2521	236271.3655
20	269985.1597	236272.1920
21	269983.6994	236273.2969
22	269982.8492	236273.9402
23	269980.5319	236267.0138
24	269980.9260	236263.9914
25	269977.0420	236262.5280
26	269976.5665	236263.4236
27	269975.0405	236266.2986
28	269971.5147	236272.9412
29	269994.6150	236276.6968
30	269993.5334	236277.5837
31	269995.4581	236280.4798
32	269996.6589	236282.3201
33	269999.2144	236280.9369
34	270001.5260	236280.7254
35	269997.3412	236282.9905
36	269999.2774	236286.0383
37	269998.3099	236288.3900
38	270000.4258	236289.5641
39	270001.0313	236286.4252
40	270009.7619	236279.6517
41	270011.9952	236278.5572
42	270004.6328	236282.1683
43	270001.8145	236281.2623
44	270016.1730	236276.5099
45	270025.3387	236269.9815
46	270034.3952	236261.1333
47	270037.5503	236258.9060
48	270054.6882	236250.5077
49	270053.0787	236247.2233
50	270050.9937	236248.2450

COORDINATE POINTS

POINT ID	NORTHING	EASTING
51	270049.9726	236247.2285
52	270067.9751	236239.1035
53	270067.2036	236236.9689
54	270064.9540	236236.7450
55	270064.5356	236235.7152
56	270066.0276	236233.9218
57	270065.1515	236231.9471
58	270051.1397	236239.2002
59	270048.8869	236236.3276
60	270048.3871	236233.7256
61	270047.6279	236222.9374
62	270049.9836	236221.0020
63	270028.3198	236201.9946
64	270027.9844	236200.7656
65	270031.1141	236195.0944
66	270028.1102	236205.4303
67	270026.2788	236202.5750
68	270025.9283	236201.3372
69	270047.2473	236235.3277
70	270047.2641	236236.2030
71	270041.9905	236239.0536
72	270039.5589	236240.3454
73	270035.9565	236238.5051
74	270032.1213	236238.9859
75	270033.5580	236240.7241
76	270035.5441	236245.9489
77	270021.2093	236259.9538
78	270018.8430	236261.6243
79	270009.3604	236266.2712
80	270007.9570	236264.7978
81	270017.2152	236248.0217
82	270017.6675	236246.1062
83	270018.1198	236244.1905
84	270020.9461	236239.0693
85	270024.7384	236237.7088
86	270027.0989	236208.9201
87	270045.6455	236227.6403
88	270045.4495	236233.7921
89	270041.2691	236235.9352
90	270059.6334	236365.4269
91	270058.3821	236369.8011
92	270038.2574	236413.7080
93	270038.2642	236418.8020
94	270024.0461	236438.0593
95	269990.6904	236268.9729
96	270000.7274	236279.0782
97	270050.3766	236239.0288
98	270037.4210	236251.6863
99	270033.6365	236247.8126
100	270028.2718	236253.0539

COORDINATE POINTS

POINT ID	NORTHING	EASTING
101	270031.5734	236256.4332
102	270026.9949	236260.9062
103	270023.6934	236257.5269
104	270017.4262	236262.3193
105	270018.7898	236265.1019
106	270009.7636	236266.0736
107	270011.1275	236268.8567
108	270013.3164	236267.7841
109	270016.6018	236266.1766
110	270015.8975	236268.8952
111	270023.4354	236268.0058
112	270014.9484	236274.0537
113	270051.9278	236249.8239
114	269998.6741	236252.1615
115	269996.4282	236256.2311
116	270006.6283	236261.8603
117	270008.8742	236257.7907
118	270009.8523	236254.7566
119	270000.7197	236249.7166
120	270050.8881	236327.6702
121	270046.1581	236334.3973
122	270044.5773	236340.8865
123	270047.3447	236346.8105
124	270051.4166	236348.5815
125	270055.0793	236348.7192
126	270056.8056	236353.5046
127	270049.3263	236360.1980
128	270048.0977	236363.9969
129	270049.6037	236370.8862
130	270046.3120	236378.9026
131	270032.8114	236387.6773
132	270028.9658	236397.7244
133	270030.8998	236404.8983
134	270025.4937	236421.8696
135	270018.2128	236427.8872
136	270013.4825	236444.5091
137	270016.2773	236452.7874
138	270014.1301	236459.6358
139	270004.8204	236466.5320
140	270002.3590	236471.1571
141	270001.8881	236481.6510
142	269999.1527	236489.7468
143	269996.7791	236490.6640
144	269982.4810	236488.0590
145	270061.2181	236331.8129
146	270064.9542	236339.4997
147	270067.1161	236341.1597
148	270077.4779	236343.1664

LEGEND:

- [1] COORDINATE POINT
- V-1 VERTEX LABEL
- PC POINT OF CURVE
- PT POINT OF TANGENT
- PROPERTY LIMIT
- PORTION OF EXISTING FENCE TO BE DEMOLISHED

HATCH LEGEND:

- NEW PAVERS AREA
- NEW CONCRETE SLAB
- EXISTING CONCRETE SLAB

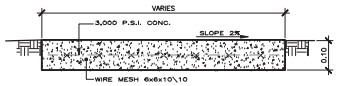
NOTES:

1—DIMENSIONS AND/OR ELEVATIONS ARE SHOWN IN METRIC SYSTEM.

2—THIS PLAN AND OTHER RELATED ONES, HAS BEEN PREPARED CONSIDERING THE INFORMATION INCLUDED IN THE "AS—BUILT & TOPOGRAPHY SURVEY PLAN OF ESCAMBRON BEACH, HOTEL NORMANDIE & PORTION OF SIXTO ESCOBAR PARK" PREPARED BY MFORCE PROFESSIONAL LAND SURVEYORS AND DATED ON SEPTEMBER 20, 2022.

3—CONTRACTOR SHALL REPAIR AND MAINTAIN IN ACCEPTABLE CONDITIONS ANY EXISTING PAVEMENT AND UTILITIES THAT WILL REMAIN IN USE AFTER THE COMPLETION OF THE PROJECT. CONTRACTOR SHALL REPAVE ANY AFFECTED AREA OF PAVEMENT WITH 1" ASPHALT TYPE IV—b.

4—COORDINATES ARE REFEREED TO LAMBERT NAD 83 (NRVS 2007) & ELEVATIONS TO "MEAN SEA LEVEL" DATUM (PRVD 2002).



CONCRETE SIDEWALK DETAIL (1 / C-1.2)

GEOMETRICAL DATA
NOT TO SCALE

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CONSULTANT'S SEAL

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GEOMETRICAL DATA

COMPUTER PLOT
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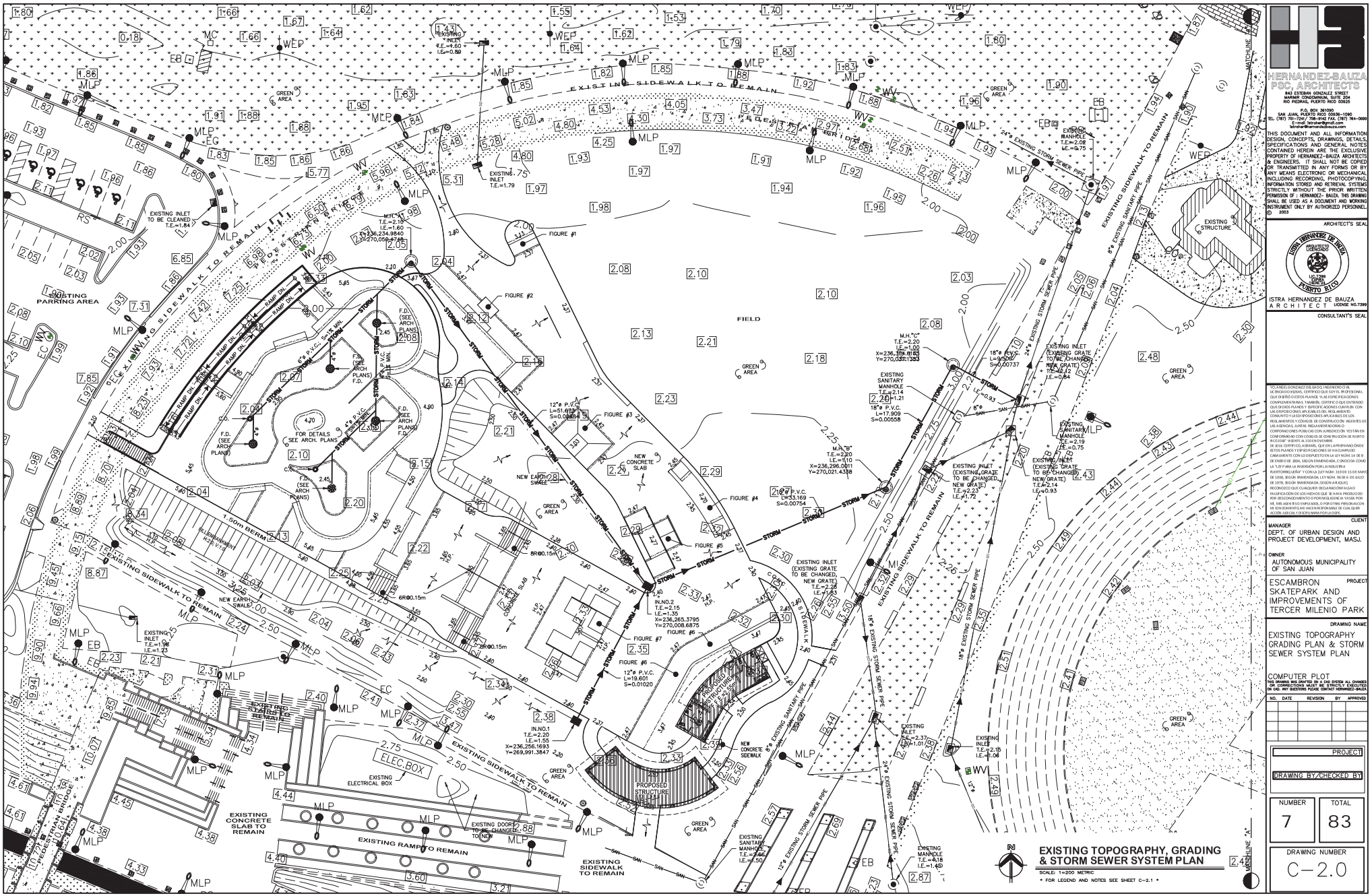
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PROJECT

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NUMBER	TOTAL
6	83

DRAWING NUMBER
C—1.2



EXISTING TOPOGRAPHY, GRADING & STORM SEWER SYSTEM PLAN

SCALE: 1=200 METRIC

* FOR LEGEND AND NOTES SEE SHEET C-2.1 *

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YO, ANGEL GONZALEZ DIS GADO INGENIERO O A LICENCIADO O A(S)43, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO LOS ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTIENDO QUE ESTOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO COMUNITO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTADORAS O COMPORMAS CONS PUBLICAS CON JURISDICCION Y ESTAN EN CONFORMIDAD CON CODIGO DE CONSTRUCCION DE PUERTO RICO2018" VIGENTE AL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUMA. 16 DE 5 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA A PUERTORRIQUEÑA" Y CON LA LEY NUMA. 313 DE 15 DE MAYO DE 1938, SEGUN ENMENDADA, LEY NUM. 96 DE 6 DE JULIO DE 1976, SEGUN ENMENDADA, SEGUN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR OMISION DE LA MISMA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRO PERSONA CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISPUNIMA POR LA DISPE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
EXISTING TOPOGRAPHY GRADING PLAN & STORM SEWER SYSTEM PLAN

COMPUTER PLOT

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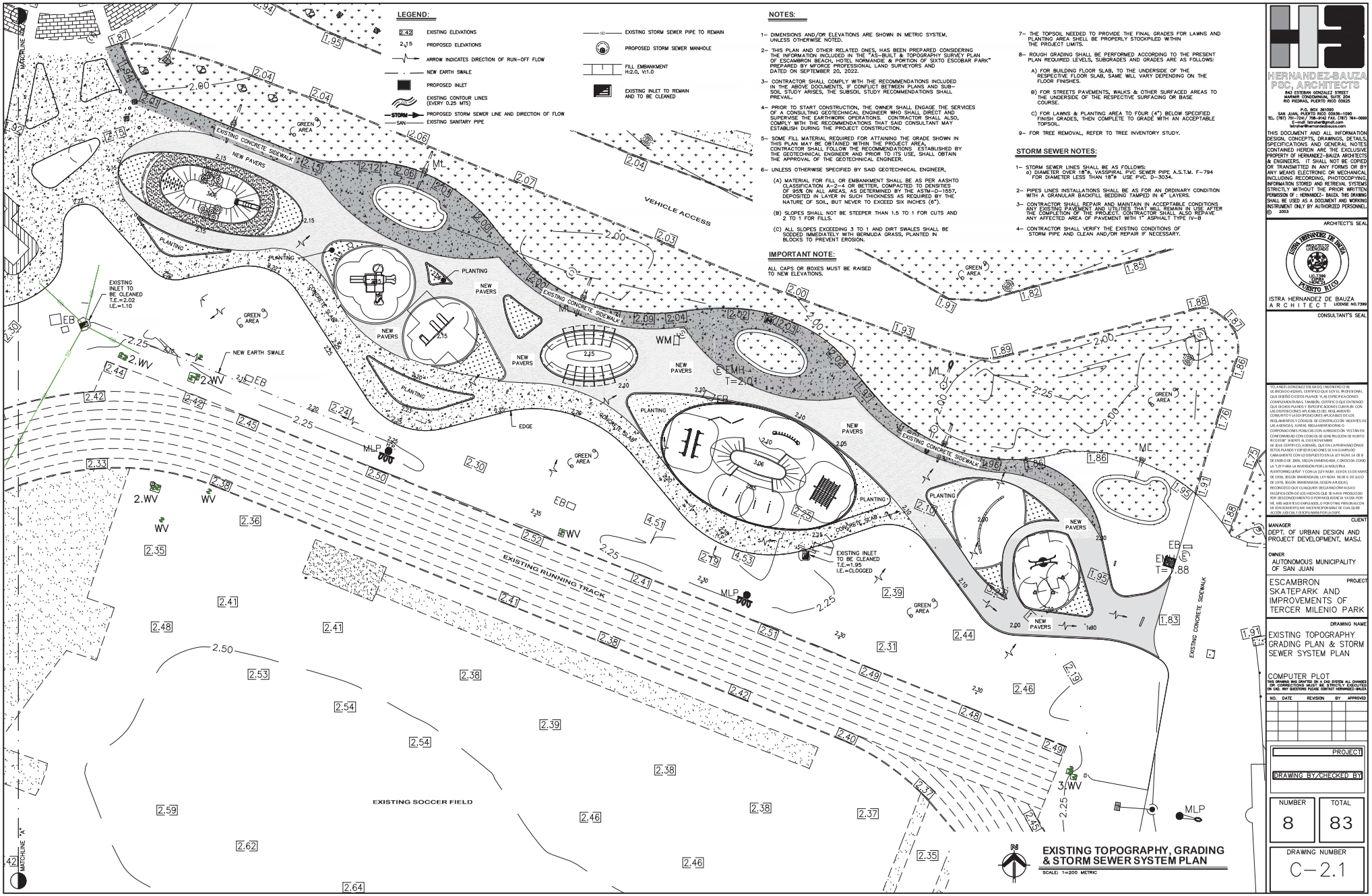
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NUMBER	TOTAL
7	83

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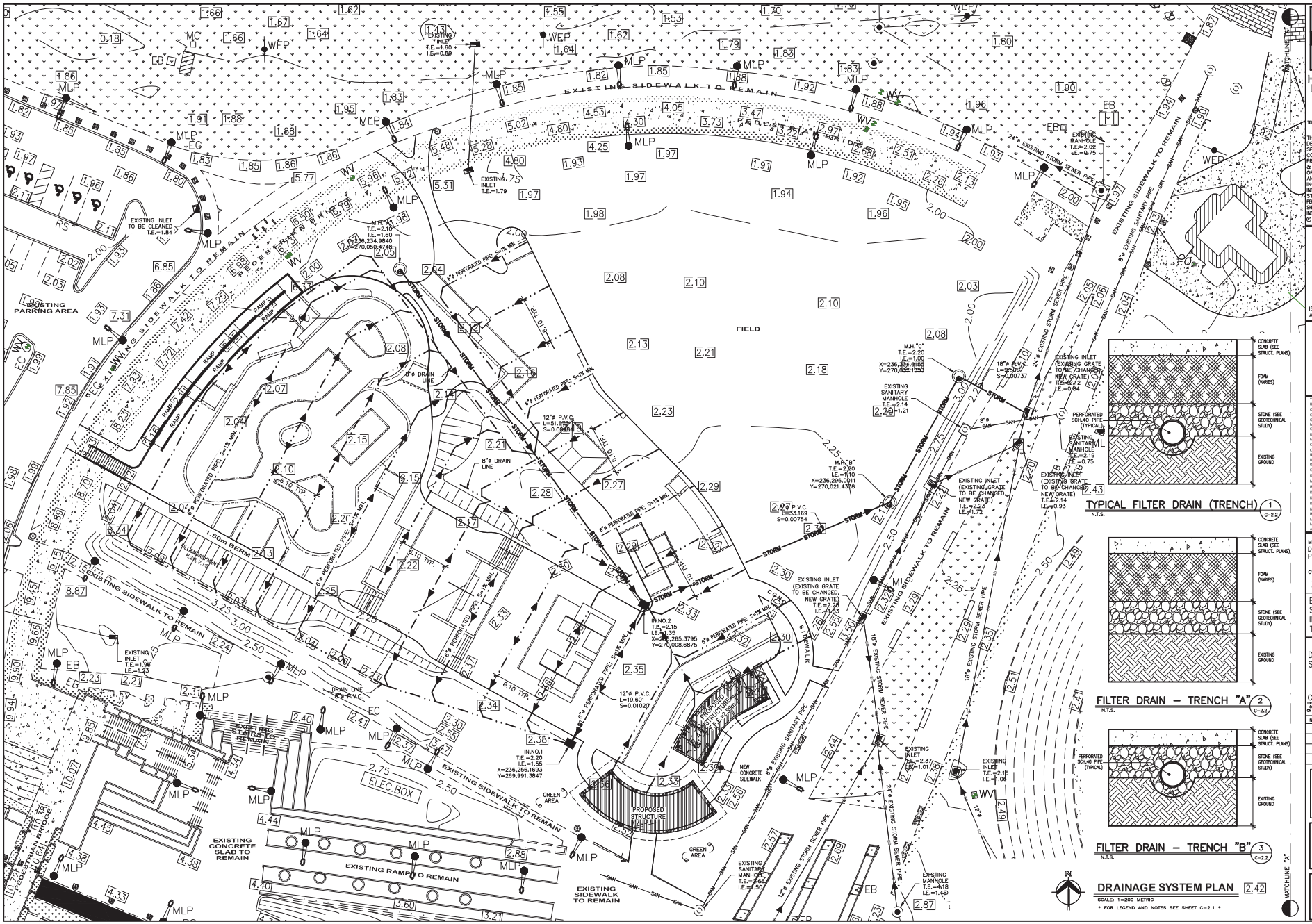
CLIENT
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DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.
OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN
PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK
DRAWING NAME
EXISTING TOPOGRAPHY GRADING PLAN & STORM SEWER SYSTEM PLAN
COMPUTER PLOT
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NUMBER	TOTAL
8	83

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C-2.1



TYPICAL FILTER DRAIN (TRENCH) 1 C-2.2

N.T.S.

FILTER DRAIN – TRENCH "A" 2 C-2.2

N.T.S.

FILTER DRAIN – TRENCH "B" 3 C-2.2

N.T.S.

DRAINAGE SYSTEM PLAN 2.42

SCALE: 1=200 METRIC

* FOR LEGEND AND NOTES SEE SHEET C-2.1 *

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CLIENT

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
DRAINAGE SYSTEM PLAN

COMPUTER PLOT
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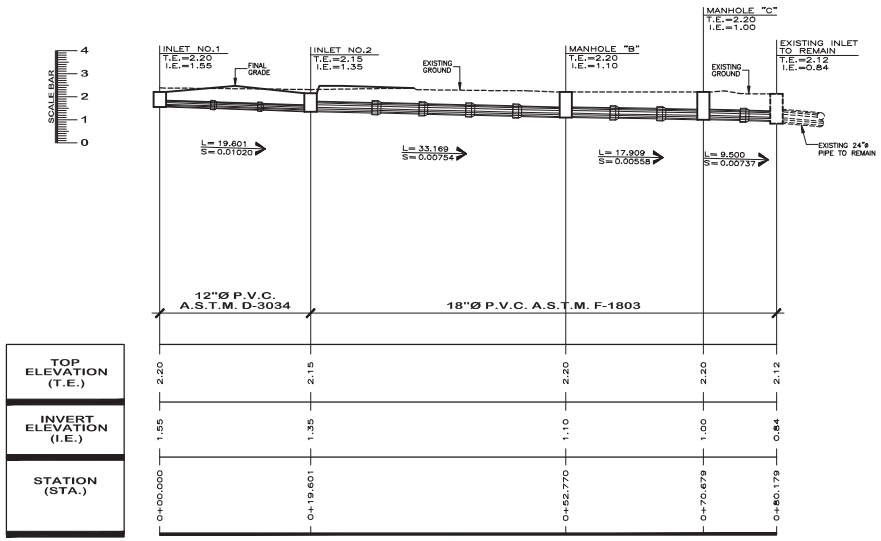
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY

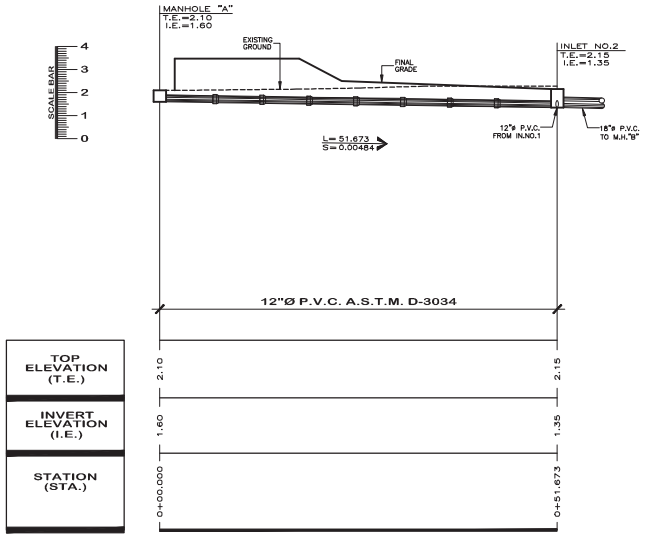
NUMBER	TOTAL
9	83

DRAWING NUMBER
C-2.2



STORM SEWER PROFILE FROM INLET NO.1 TO EXISTING INLET TO REMAIN

SCALE: H: 1:300 V: 1:100



STORM SEWER PROFILE FROM MANHOLE "A" TO INLET NO.2

SCALE: H: 1:300 V: 1:100

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CLIENT

MANAGER
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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
STORM SEWER SYSTEM PROFILES

COMPUTER PLOT
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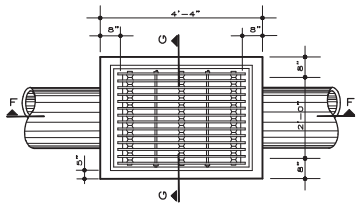
NO.	DATE	REVISION	BY	APPROVED

PROJECT

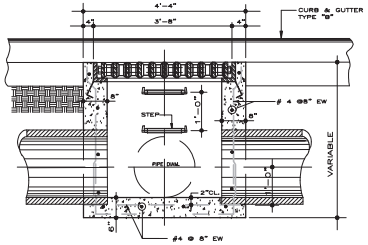
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NUMBER	TOTAL
10	83

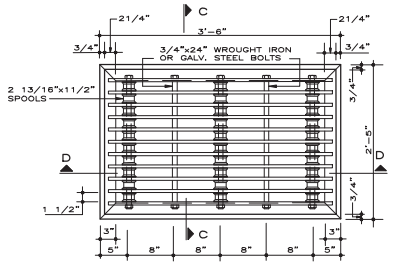
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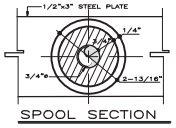
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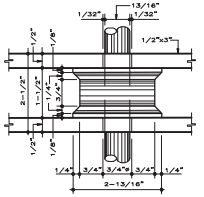
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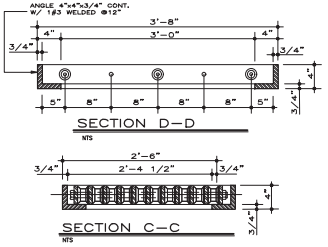
GRATING PLAN



SPOOL SECTION

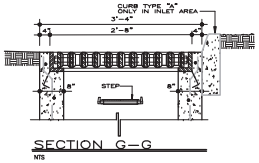


SPOOL DETAIL

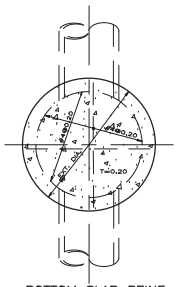


SECTION D–D
NTS

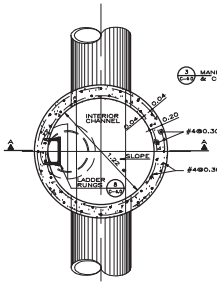
SECTION C–C
NTS



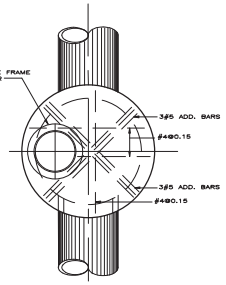
SECTION G–G
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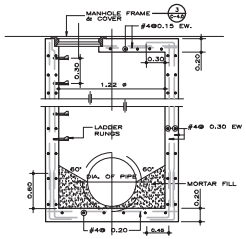
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NTS



SECTIONAL PLAN
NTS



TOP SLAB REINF.
NTS



SECTION A–A
NTS

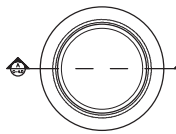
NOTES:
1. THE CONTRACTOR SHALL CONSIDER THE USE OF PRECAST MANHOLE AS AN ALTERNATIVE. IF THIS IS THE OPTION, SHOP DRAWING SHALL BE SUBMITTED TO THE ENGINEER FOR ITS APPROVAL
2. FOR MANHOLES STEPS DETAILS, REFER TO DWG. C–4.0

MANHOLE DIAMETER SCHEDULE

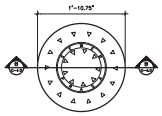
TYPE	MANHOLE DIA. mins	MAX. PIPE DIA. mins
1	1.22	24"
2	1.50	36"
3	1.78	42"
4	2.00	48"
5	2.20	54"
6	2.45	60"
7	2.70	66"
8	2.95	72"

CATCH BASIN FOR 24"ø PIPE DETAILS 1 C-4.0
NOT TO SCALE

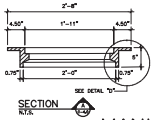
STORM SEWER MANHOLE DETAILS 2 C-4.0
NOT TO SCALE



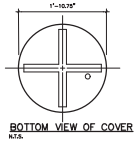
PLAN
N.T.S.



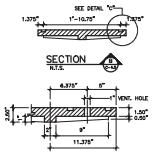
TOP VIEW OF COVER
N.T.S.



SECTION
N.T.S.

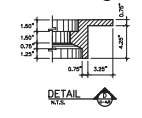


BOTTOM VIEW OF COVER
N.T.S.

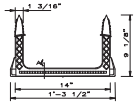


SECTION
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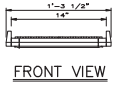
DETAIL
N.T.S.



DETAIL
N.T.S.



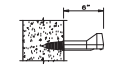
PLAN VIEW



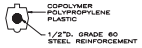
FRONT VIEW



SIDE VIEW



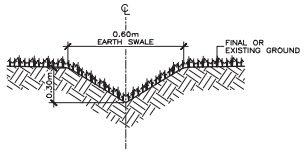
ANCHORAGE DETAIL



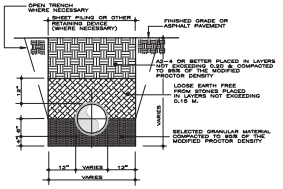
SECTION "A"

MANHOLE FRAME AND COVER DETAILS 3 C-4.0
N.T.S.

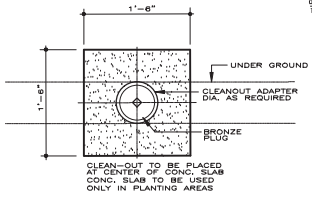
MANHOLE STEP DETAILS 4 C-4.0
N.T.S.



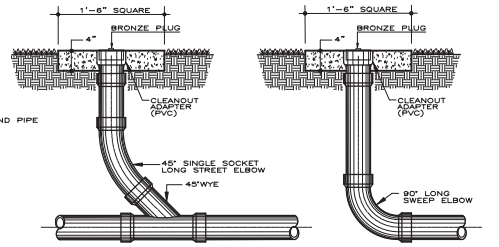
TYPICAL EARTH SWALE DETAIL 5 C-4.0
N.T.S.



STORM PIPE TRENCH DETAIL 6 C-4.0
N.T.S.



TOP VIEW



INTERMEDIATE CLEANOUT

END CLEANOUT

CLEANOUT DETAILS 7 C-4.0
N.T.S.

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RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE EN CUALQUIER ACCIÓN JUDICIAL Y DELITUOSA PARA LA OBRA.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
STORM SEWER SYSTEM DETAILS

COMPUTER PLOT
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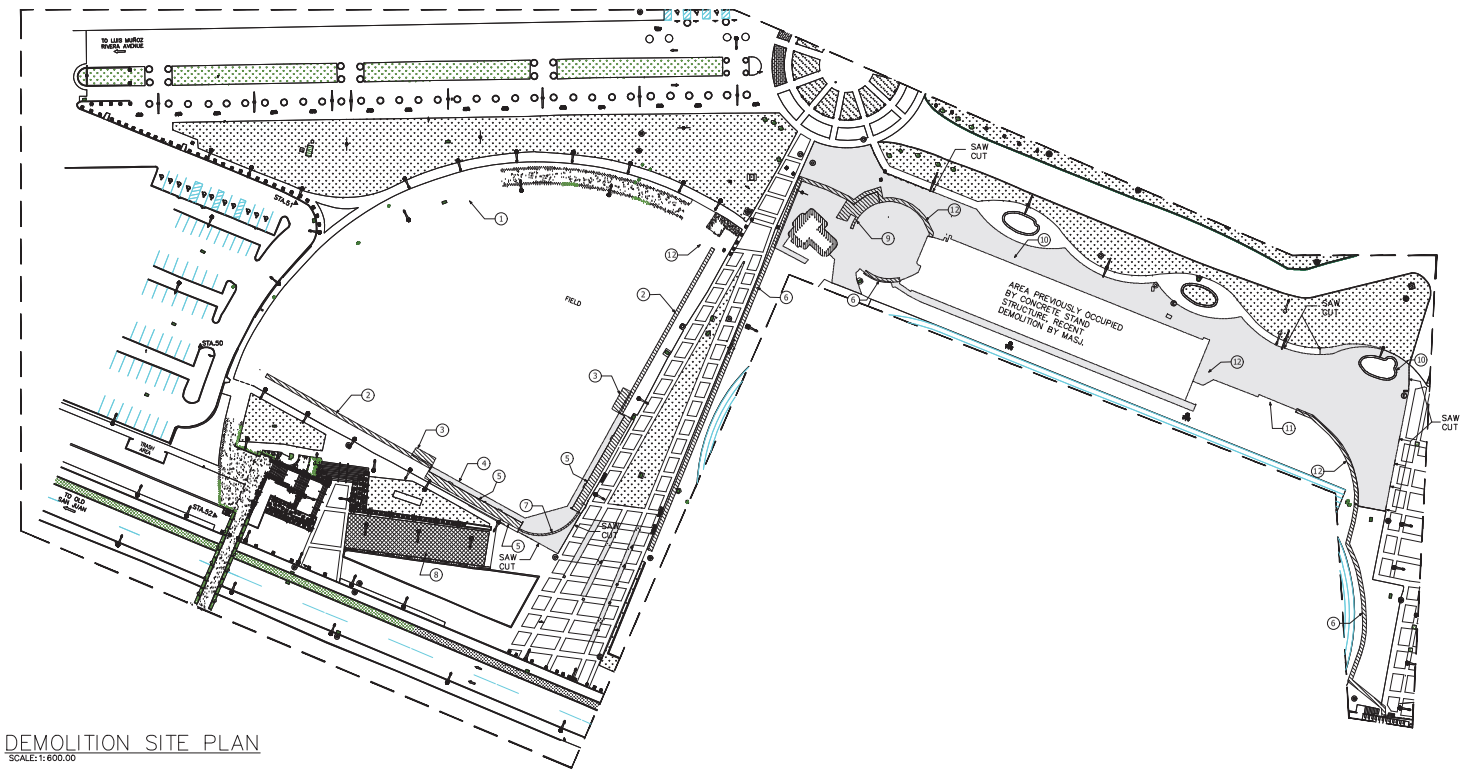
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PROJECT

DRAWING BY/CHECKED BY

NUMBER	TOTAL
11	83

DRAWING NUMBER
C–4.0



DEMOLITION SITE PLAN

SCALE: 1: 600.00

DEMOLISHED TAG NOTES:



1. BASEBALL FIELD EXITING CYCLONE FENCE

   REMOVE AND PROPERLY DISPOSE CYCLONE FENCE AND CONCRETE FOOTING ON FENCE POLE.



2. RETAINING WALL

   DEMOLISHED EXISTING WALL AND FOOTING AND PROPERLY DISPOSE



3. DUGOUT

   DEMOLISHED EXISTING CONCRETE WALL, FLOOR, ROOF, FOOTING AND BENCH AND PROPERLY DISPOSE

   REMOVE AND PROPERLY DISPOSE EXISTING CYCLONE FENCE WHERE OCCURS



4. BASEBALL FIELD EXISTING CYCLONE FENCE WITH CONCRETE BASE

   REMOVE AND PROPERLY DISPOSE CYCLONE FENCE. CONCRETE BASE AND FOOTING ON FENCE MUST BE DEMOLISHED AND PROPERLY DISPOSED



5. CONCRETE BLEACHERS

   DEMOLISHED CONCRETE BLEACHERS AND PROPERLY DISPOSE



6. CONCRETE WALL

   DEMOLISHED CONCRETE BLOCK WALL AND PROPERLY DISPOSE



7. CONCRETE ARC ENTRANCE

   DEMOLISH CONCRETE ENTRANCE AND PROPERLY DISPOSE



8. CONCRETE PLANTING BASE

   DEMOLISH CONCRETE PLANTING BASE AND PROPERLY DISPOSE



9. CONCRETE STAGE & BENCH

   DEMOLISH CONCRETE STAGE AND BENCH AND PROPERLY DISPOSE



10. CONCRETE SLAB

    DEMOLISH CONCRETE SLAB AROUND LOW WALL AND PROPERLY DISPOSE



11. CYCLONE FENCE & CONCRETE BASE

    REMOVE AND PROPERLY DISPOSE CYCLONE FENCE. CONCRETE BASE AND FOOTING ON FENCE MUST BE DEMOLISHED AND PROPERLY DISPOSED.



12. METAL GATES, CONCRETE AND/OR CYCLONE FENCE GATE

    REMOVE AND PROPERLY DISPOSE METAL GATES.

LEGEND:

- DEMOLISHED EXISTING CONCRETE FLOOR SLAB AND REMOVE EXISTING CONCRETE PAVERS TO PROPERLY DISPOSE.
- EXISTING CONCRETE STRUCTURE TO BE DEMOLISHED
- REMOVE FOR RE-INSTALLMENT THE EXISTING CONCRETE PAVERS ACCORDING TO DETAIL ON DWG AS-3.0

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CLIENT

MANAGER
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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
DEMOLITION SITE PLAN

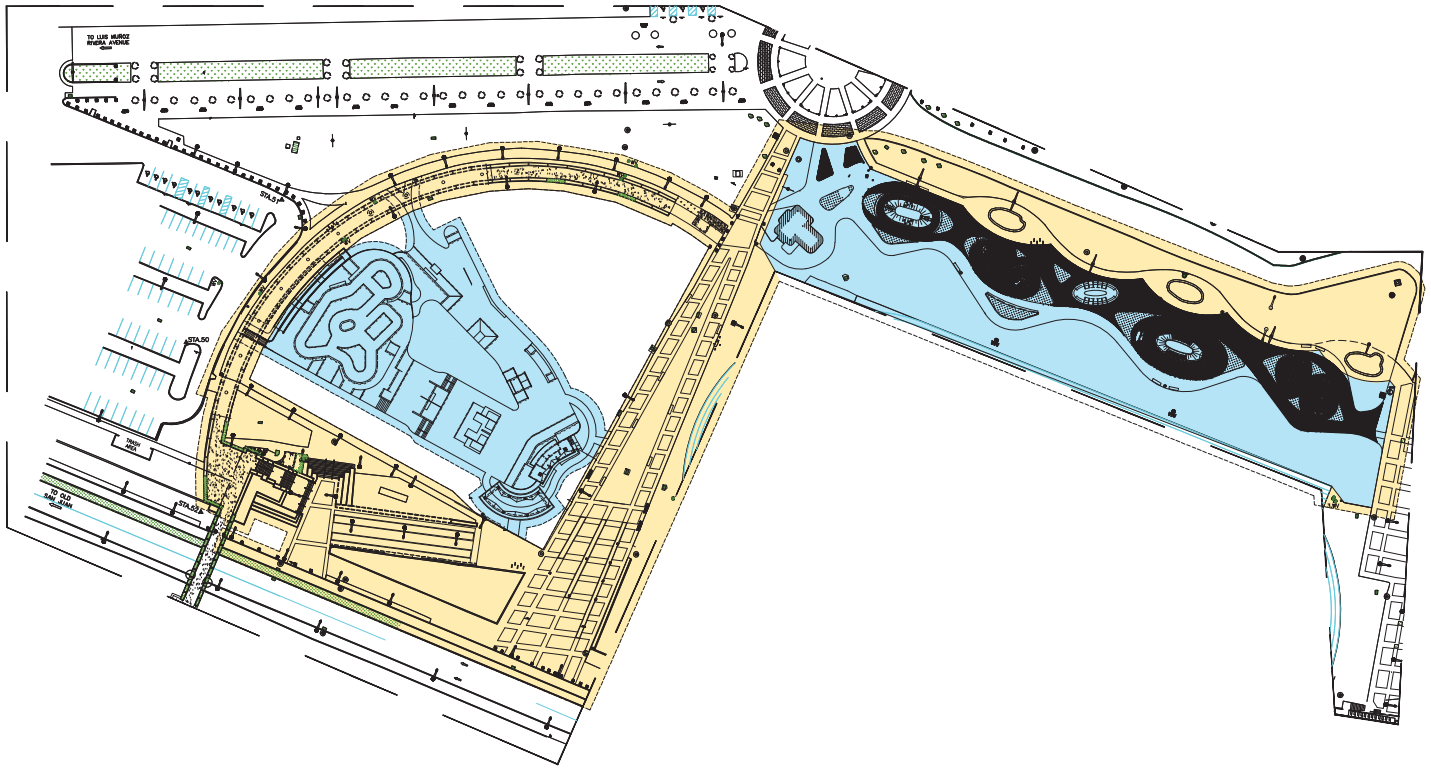
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-- E.H.

NUMBER 12 | TOTAL 83

DRAWING NUMBER
DS-1.0



ARCHITECTURAL SITE PLAN
SCALE: 1:600

LEGEND:

EXISTING AREAS TO BE IMPROVED

NEW CONSTRUCTION AREAS

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CLIENT

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ARCHITECTURAL SITE PLAN

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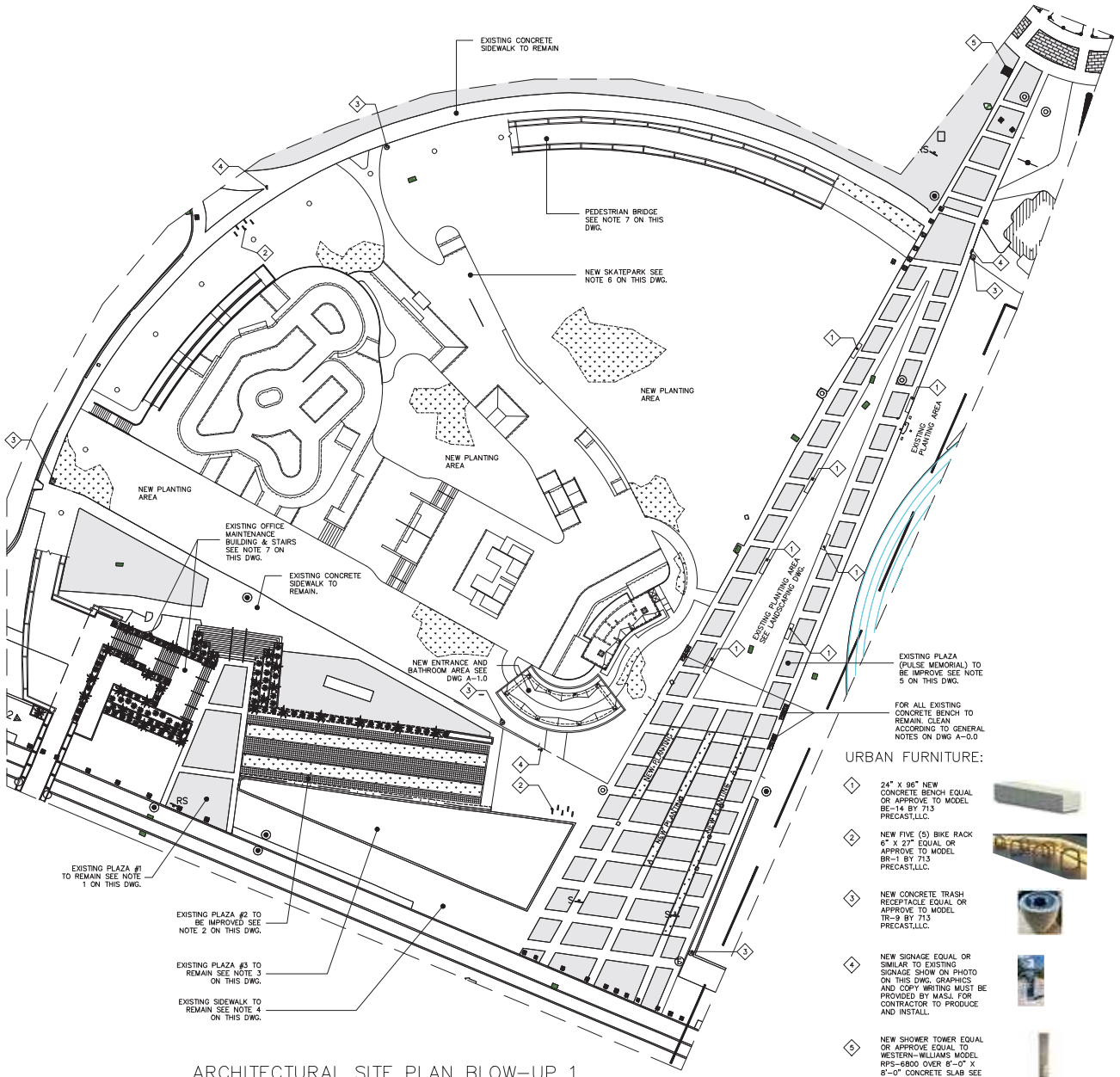
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PROJECT
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DRAWING BY/CHECKED BY
J.D. E.B.

NUMBER 13 | TOTAL 83

DRAWING NUMBER
AS-1.0



ARCHITECTURAL SITE PLAN BLOW-UP 1

SCALE: 1:300

URBAN FURNITURE:

1. 24" X 96" NEW CONCRETE BENCH EQUAL OR APPROVE TO MODEL BE-14 BY 713 PRECAST,LLC.
2. NEW FIVE (5) BIKE RACK 6" X 27" EQUAL OR APPROVE TO MODEL BR-1 BY 713 PRECAST,LLC.
3. NEW CONCRETE TRASH RECEPTACLE EQUAL OR APPROVE TO MODEL TR-9 BY 713 PRECAST,LLC.
4. NEW SIGNAGE EQUAL OR SIMILAR TO EXISTING SIGNAGE SHOW ON PHOTO ON THIS DWG. GRAPHICS AND COPY WRITING MUST BE PROVIDED BY MASJ. FOR CONTRACTOR TO PRODUCE AND INSTALL.
5. NEW SHOWER TOWER EQUAL OR APPROVE EQUAL TO WESTERN-WILLIAMS MODEL RPS-6800 OVER 8'-0" X 8'-0" CONCRETE SLAB SEE DETAIL IN DWG AS-5.3

NOTES:





NOTE #1:

REMOVE AND REPLACE ALL BROKEN PAVERS.

CLEANING:

WATER BLASTING

JOINT SAND:
REPLENISHED WITH DRY SAND, APPLY SEALERS WILL HELP HOLD THE SAND IN THE JOINTS. THESE ARE APPLIED OVER THE ENTIRE PAVER SURFACE AS A LIQUID AND ALLOWED TO SOAK AND CURE IN THE JOINTS.

VEGETATION:
REMOVE (VEGETATION) BY HAND OR WITH HERBICIDES. TAKE CARE IN USING HERBICIDES SO THAT ADJACENT VEGETATED AREAS ARE NOT DAMAGED. USE BIODEGRADABLE PRODUCTS THAT WON'T DAMAGE OTHER VEGETATION OR POLLUTE WATER SUPPLIES WHEN WASHED FROM THE PAVEMENT SURFACE.

NOTE #2:

SEE DWG AS-2.1 FOR BLOW-UP, DETAILS AND NOTES.




NOTE #3:

RESTORED AND CLEANING ACCORDING TO SECTION 049000 "STONE MASONRY RESTORATION & CLEANING" OF TECH. SPECS.



NOTE #4:
Cleaning
WATER BLASTING



NOTE #5:

APPLY NOTE #1

REMOVE EXISTING PAVER TO REINSTALL TO INCREASE PAVER LEVEL TO ACHIEVE CONCRETE CENEFAS ELEVATION

PAINTED PAVERS:
REMOVE AND INSTALL NEW PAVERS EQUAL TO EXISTING PAVERS

PAINTED CENEFAS:
SCARIFY EXISTING CONCRETE CENEFAS AND APPLY BONDING AGENT AND 1/4" CONC. RESURFACE SEE SECTION 03-53-30 OF TECH. SPECS AND DETAILS ON DWG AS-3.0

NOTE #6:
SEE DWG AS-4.0 FOR BLOW-UP, DETAILS AND NOTES.

NOTE #7:
ALL SURFACE (CONCRETE AND /OR METALS) ON EXISTING OFFICE MAINTENANCE BUILDING, STAIRS AND PEDESTRIAN BRIDGE SHALL BE WATER PRESSURE CLEANED, SURFACE PREPARED AND PAINTED.

NOTE #8:
FOR ALL PLANTING AREA (NEW OR EXISTING) SEE LANDSCAPING DWGS.

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DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ARCHITECTURAL SITE PLAN

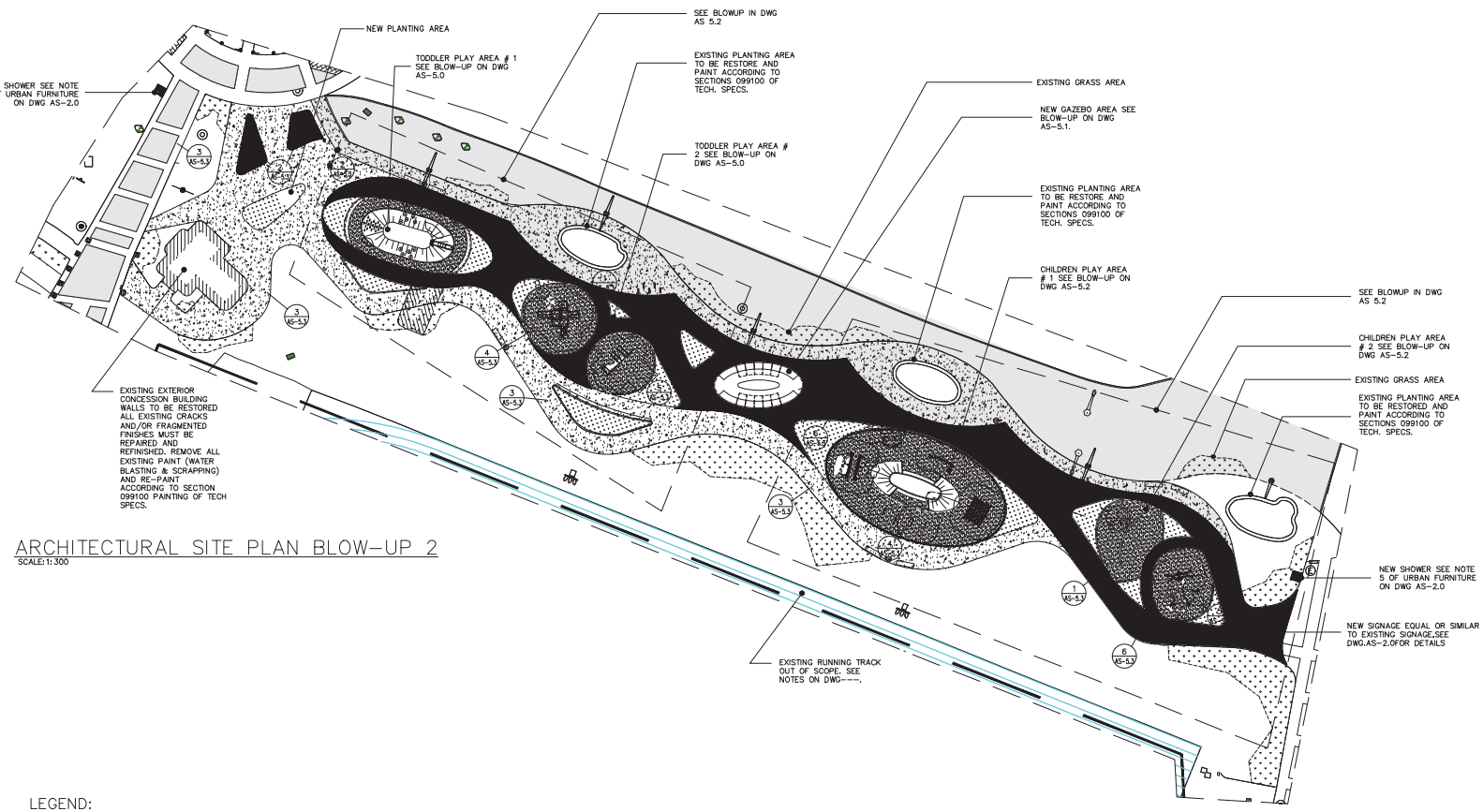
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DRAWING BY/CHECKED BY
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NUMBER 14
TOTAL 83

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AS-2.0



ARCHITECTURAL SITE PLAN BLOW-UP 2

SCALE: 1: 300

LEGEND:

- EXISTING GRASS AREA TO REMAIN.
- NEW GRASS AREA, LANDSCAPING DWG.
- NEW PAVERS AREA, SEE DETAILS 3 ON DWG AS-5.3
- RUBBER POURED IN PLACE SURFACE, SEE DETAILS AND NOTES ON DWG AS-5.3.
- EXISTING PAVER AREA TO REMAIN.
- EXISTING CONCRETE SLAB TO BE REFINISH TO MATCH WITH NEW CONCRETE SLAB
- NEW CONCRETE SLAB SEE STRUCTURAL DWGS.

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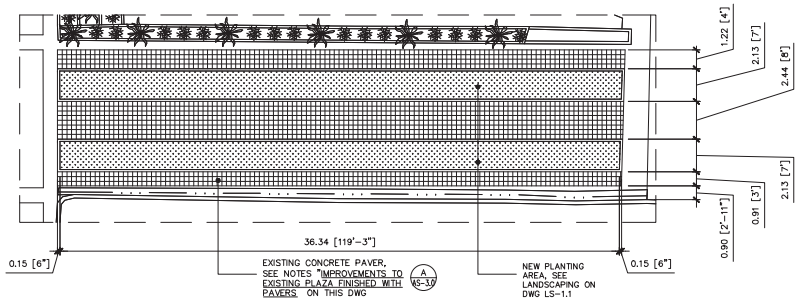
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DRAWING BY	CHECKED BY
J.D.	E.B.

NUMBER	TOTAL
15	83

DRAWING NUMBER
AS-2.1

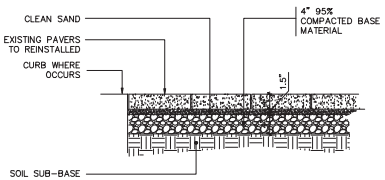


ARCHITECTURAL SITE PLAN BLOW-UP

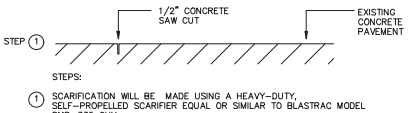
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IMPROVEMENTS TO EXISTING PLAZA FINISHED WITH PAVERS:

1. REMOVE AND SAVE FOR RE-INSTALLATION EXISTING PAVERS AT SELECTED LOCATIONS INDICATED ON DRAWINGS
2. REMOVE AND PROPERLY DISPOSE-OFF EXISTING SUB-BASE MATERIAL TO DEPTH OF 6".
3. AFTER CONSULTATION WITH A LANDSCAPE PROFESSIONAL, SHAVE AND/OR REMOVE TREE ROOTS THAT ARE FOUND TO INTERFERE WITH THE SPACE REQUIRED FOR THE NEW SUB-BASE INSTALLATION. FOR THIS STEP, CONTRACTOR MUST OBTAIN THE SERVICES OF A CERTIFIED ARBORIST TO PERFORM THE WORK.
4. AFTER STEP 3 ELIMINATE ANY DEBRIS OR ROCK AND COMPACT THE GROUND WITH TAMPER AND PROCEED TO PLACE THE 4" SUB-BASE OF THE SELECTED MATERIAL COMPACTED TO 95% COMPACTION TEST RESULTS MUST BE SUBMITTED TO RESIDENT INSPECTOR BEFORE PROCEEDING TO NEXT STEP.
5. AFTER SUB-BASE IS APPROVED AND IN PLACE, DEPOSIT 1.5" OF CLEAN SAND AND LEVEL SURFACE TO RECEIVE PAVERS.
6. INSTALL PAVERS FOLLOWING EXISTING PATTERN. DISCARD BROKEN OR DAMAGED PIECES AND SUBSTITUTE WITH NEW ONES THE SAME SIZE AND COLOR. UNIT-TO-UNIT OFFSET TOLERANCE WILL BE 1/16"FROM FLUSH.
7. FILL JOINTS BETWEEN SET PAVERS WITH CLEAN SAND, POUR WATER TO SEP IN AND ADD MORE SAND UNTIL ALL JOINTS ARE FILLED.
8. A 10' X 10' MOCK-UP WILL BE REQUIRED TO DEMONSTRATE WORKMANSHIP QUALITY OF WORK.

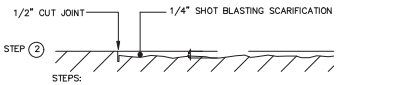


DETAIL
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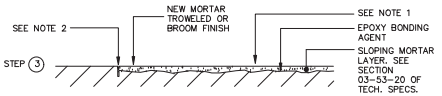
STEPS:

1. SCARIFICATION WILL BE MADE USING A HEAVY-DUTY, SELF-PROPELLED SCARIFIER EQUAL OR SIMILAR TO BLASTRAC MODEL BMP-335 GHY.



STEPS:

2. PRIOR TO PLACING BONDING AGENT, SCARIFIED SURFACE MUST BE CLEANED OF LOOSE PARTICLES AND DUST.



STEPS:

3. APPLY EPOXY BONDING AGENT BONDING AGENT AND MORTAR LAYER REFLECTING AND REPRODUCING ALL CONSTRUCTION JOINTS ON EXISTING SLABS.

STEP BY STEP DETAIL FOR SCARIFICATION OF EXISTING CONCRETE

1 AS-3.0

SCALE: NTS

NOTES:

1- APPLY CONCRETE CURING & SEALING COMPOUND.

2- FILL JOINTS WITH ELASTOMERIC POLYURETHANE SEALANT.

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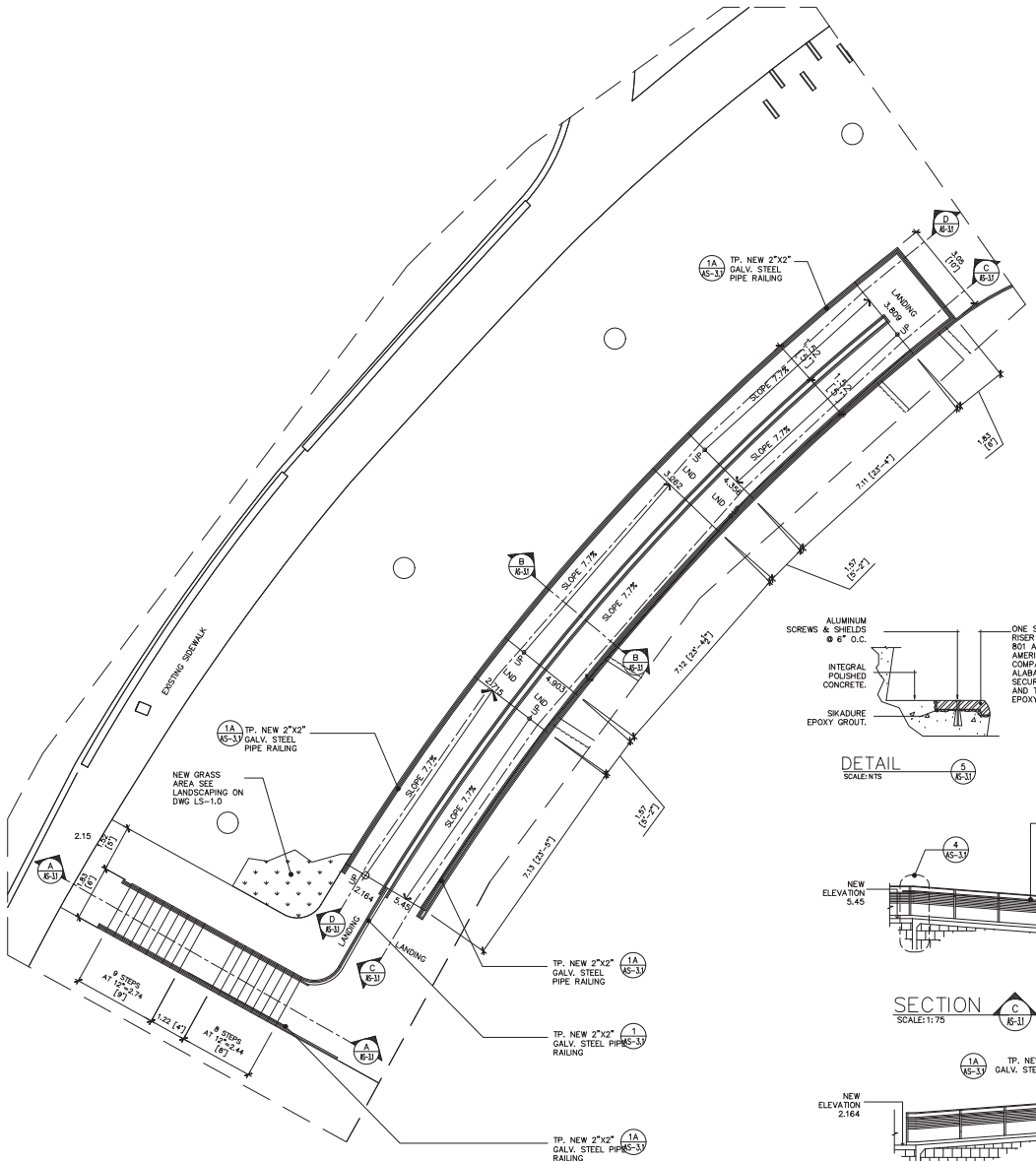
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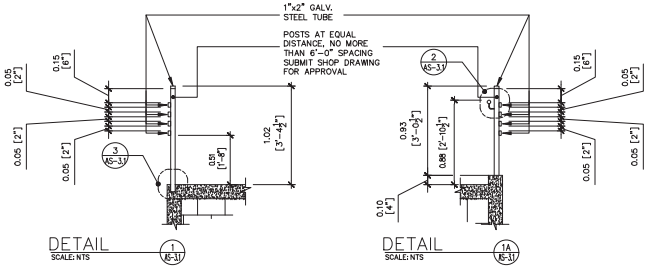
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NUMBER 16
TOTAL 83

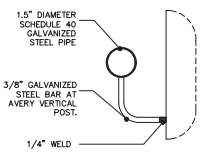
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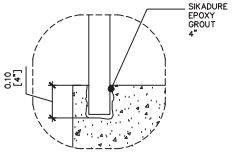
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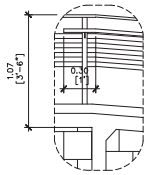
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DETAIL SCALE: NTS (1A / AS-3.1)



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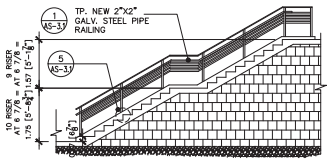


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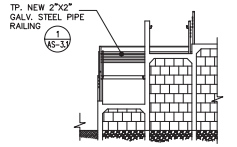


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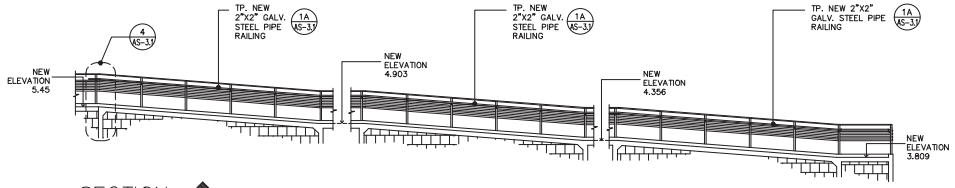
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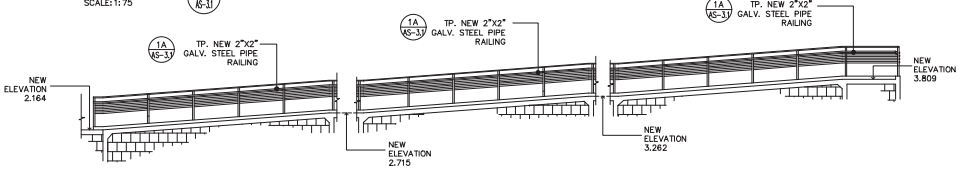
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SECTION SCALE: 1: 75 (C / AS-3.1)



SECTION SCALE: 1: 75 (D / AS-3.1)

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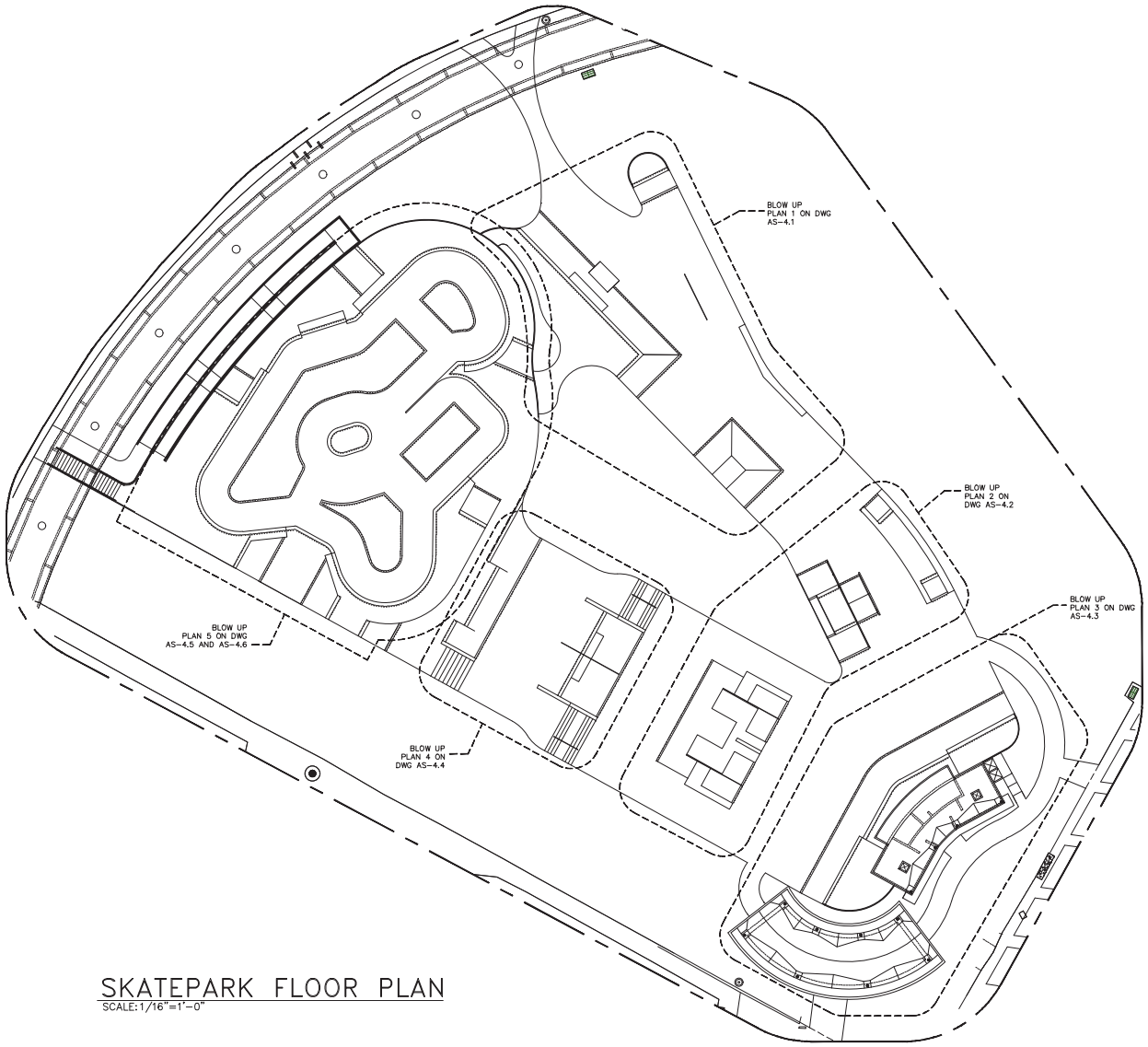
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DRAWING BY/CHECKED BY J.D. E.B.

NUMBER 17 | TOTAL 83

DRAWING NUMBER AS-3.1



SKATEPARK FLOOR PLAN

SCALE: 1/16"=1'-0"

NOTES:

A) CONCRETE FINISHING FOR ALL SKATEPARK SURFACE (SEE SECTION 025210 OF TECH. SPECS)

1. THE FINISHED SURFACE OF ALL CONCRETE SHALL BE HARD TROWELED, SMOOTH FINISH.
2. ALL HORIZONTAL AND VERTICAL EDGES OF CONCRETE SHALL BE HAVE ½" RADII.
3. ALL CONNECTIONS BETWEEN POURS MUST BE ABSOLUTELY FLUSH AND SMOOTH.
4. WETTING OF CONCRETE SURFACE DURING SCREEDING, INITIAL FLOATING, OR FINISHING OPERATION IS PROHIBITED.
5. GRINDING FINISHED CONCRETE TO ACHIEVE THE SPECIFIED FINISHES WILL NOT BE ACCEPTED.

B) SEE SITE GEOMETRY ON DWG C-1

C) SEE ELECTRICAL SITE PLAN ON DWG ES-101.

D) SEE LANDSCAPING ON DWG LS-1.1

E) SEE STRUCTURAL DETAILS ON DWG S-

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK PLAN
ARMAS ELEMENT

COMPUTER PLOT
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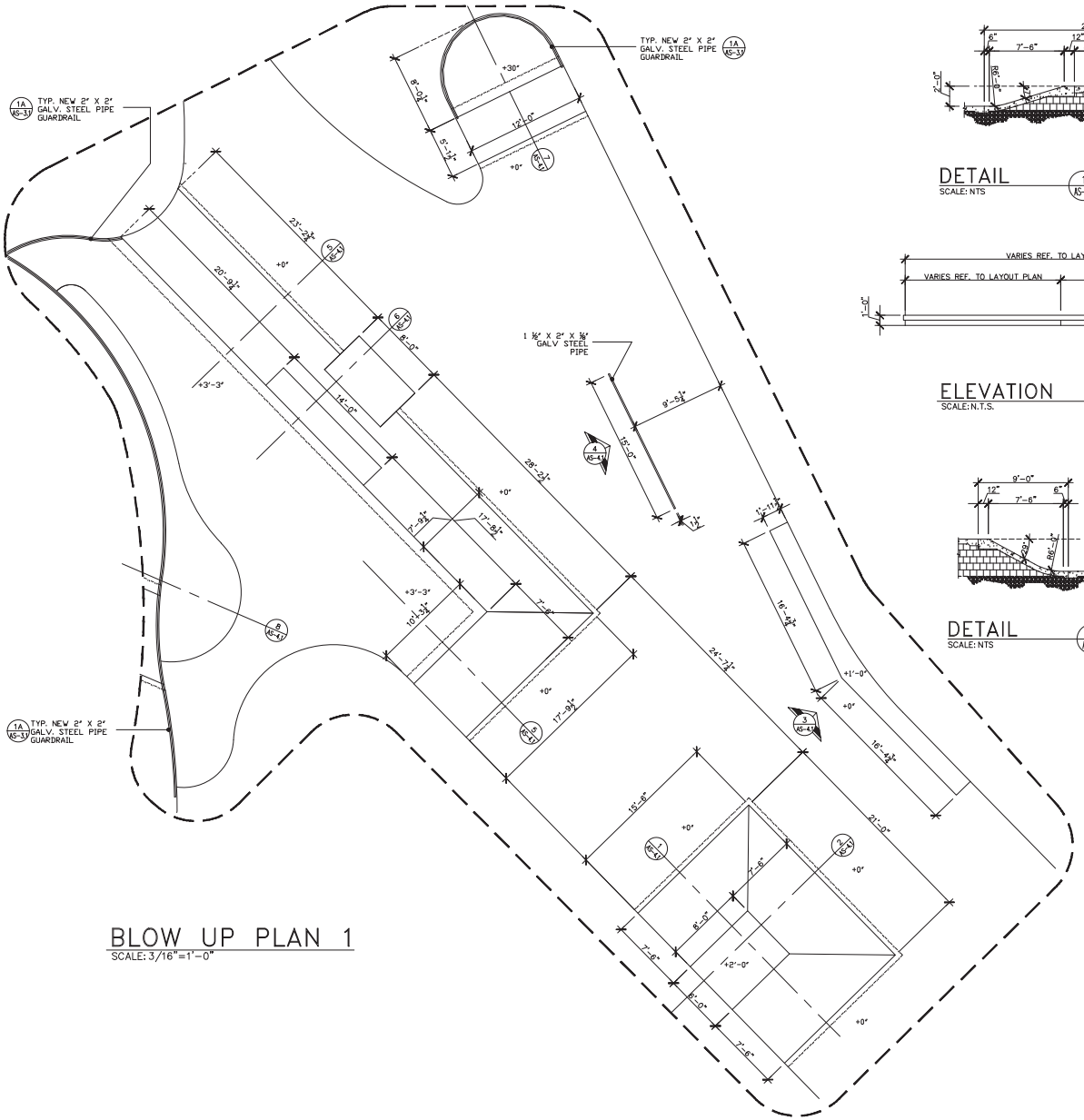
NO.	DATE	REVISION	BY	APPROVED

PROJECT

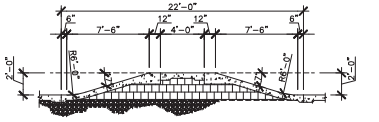
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jdd I.H.

NUMBER	TOTAL
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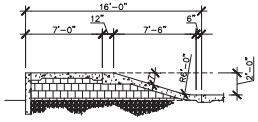
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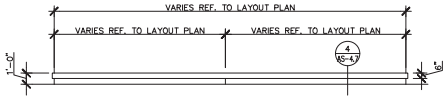
BLOW UP PLAN 1
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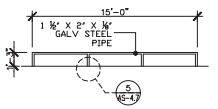
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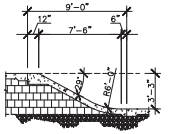
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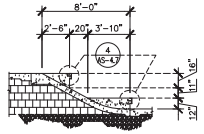
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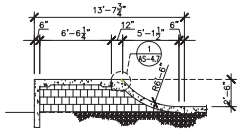
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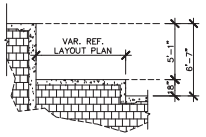
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DETAIL 6
SCALE: NTS



DETAIL 7
SCALE: NTS



DETAIL 8
SCALE: NTS

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 1

COMPUTER PLOT
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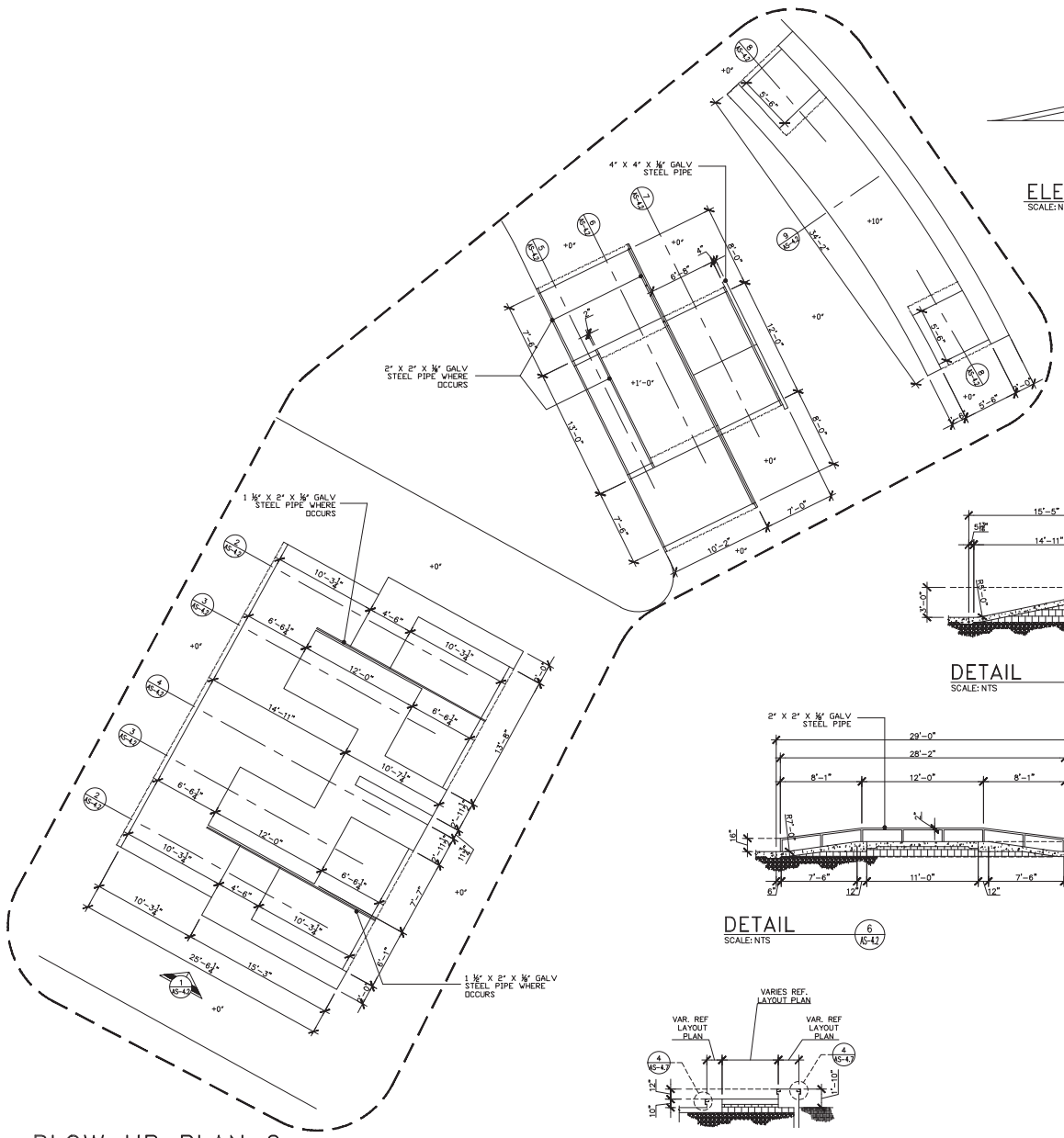
NO.	DATE	REVISION	BY	APPROVED

PROJECT

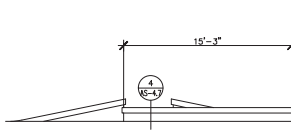
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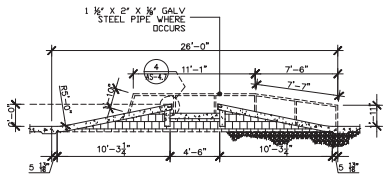
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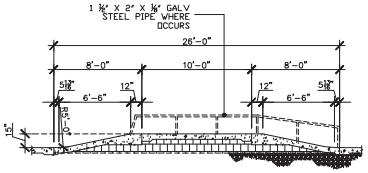
BLOW UP PLAN 2
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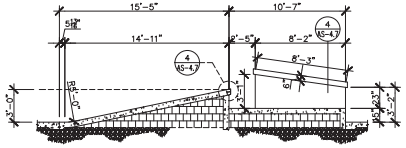
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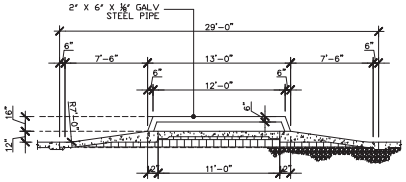
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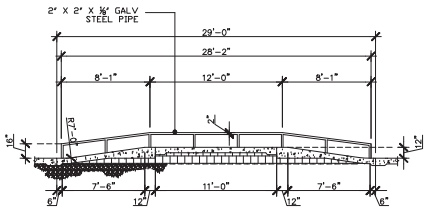
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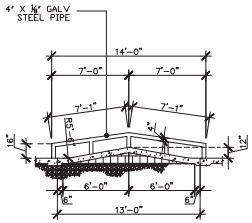
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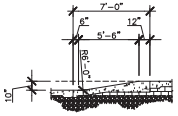
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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 2

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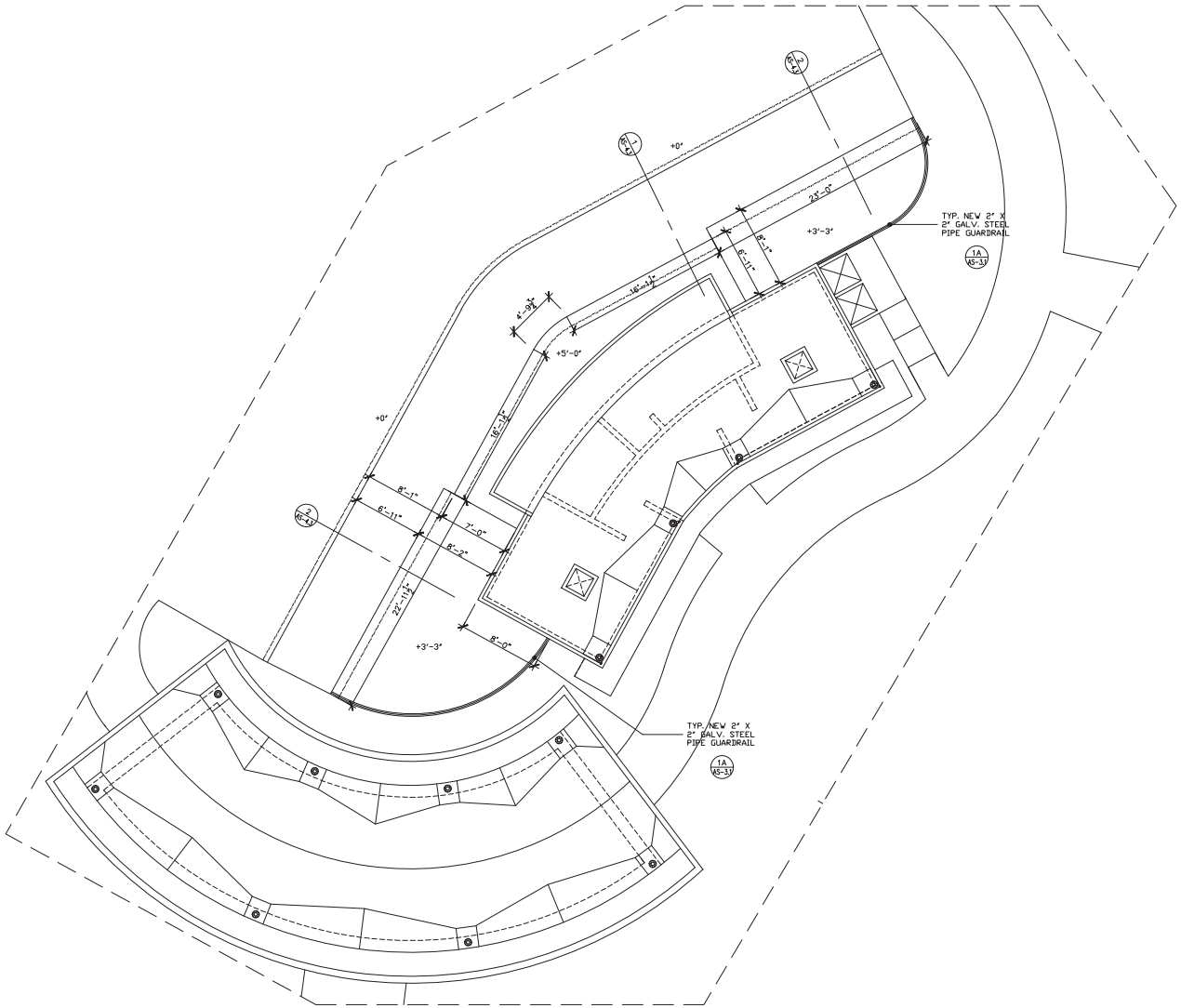
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY	CHECKED BY
jdd	I.H.

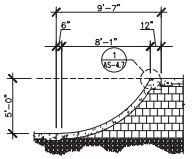
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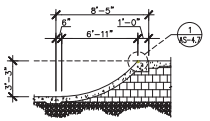
BLOW UP PLAN 3

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DETAIL 1 / AS-4.3

SCALE: NTS



DETAIL 2 / AS-4.3

SCALE: NTS

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DRAWING NAME
SKATE PARK
BLOW-UP 3

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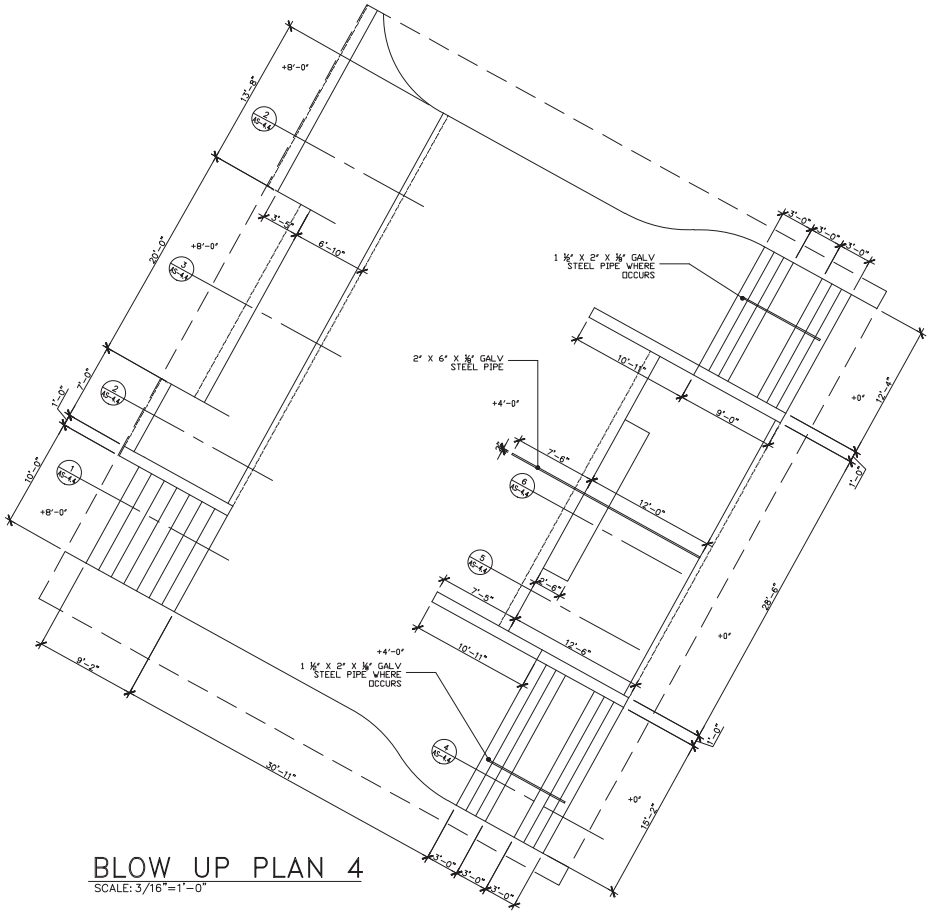
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
jdd I.H.

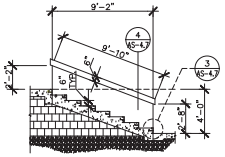
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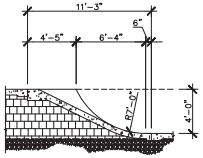


BLOW UP PLAN 4

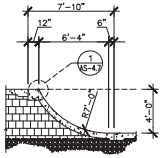
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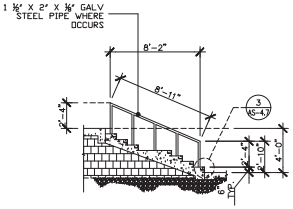
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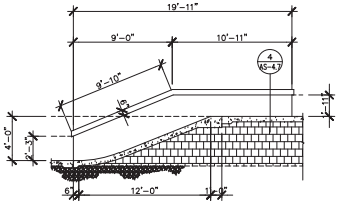
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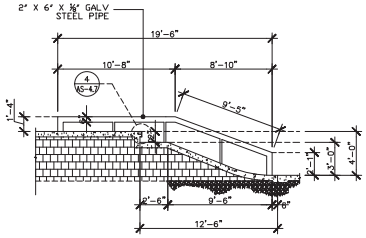
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AS-4.4



DETAIL
SCALE: NTS
4
AS-4.4



DETAIL
SCALE: NTS
5
AS-4.4



DETAIL
SCALE: NTS
6
AS-4.4

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DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 4

COMPUTER PLOT
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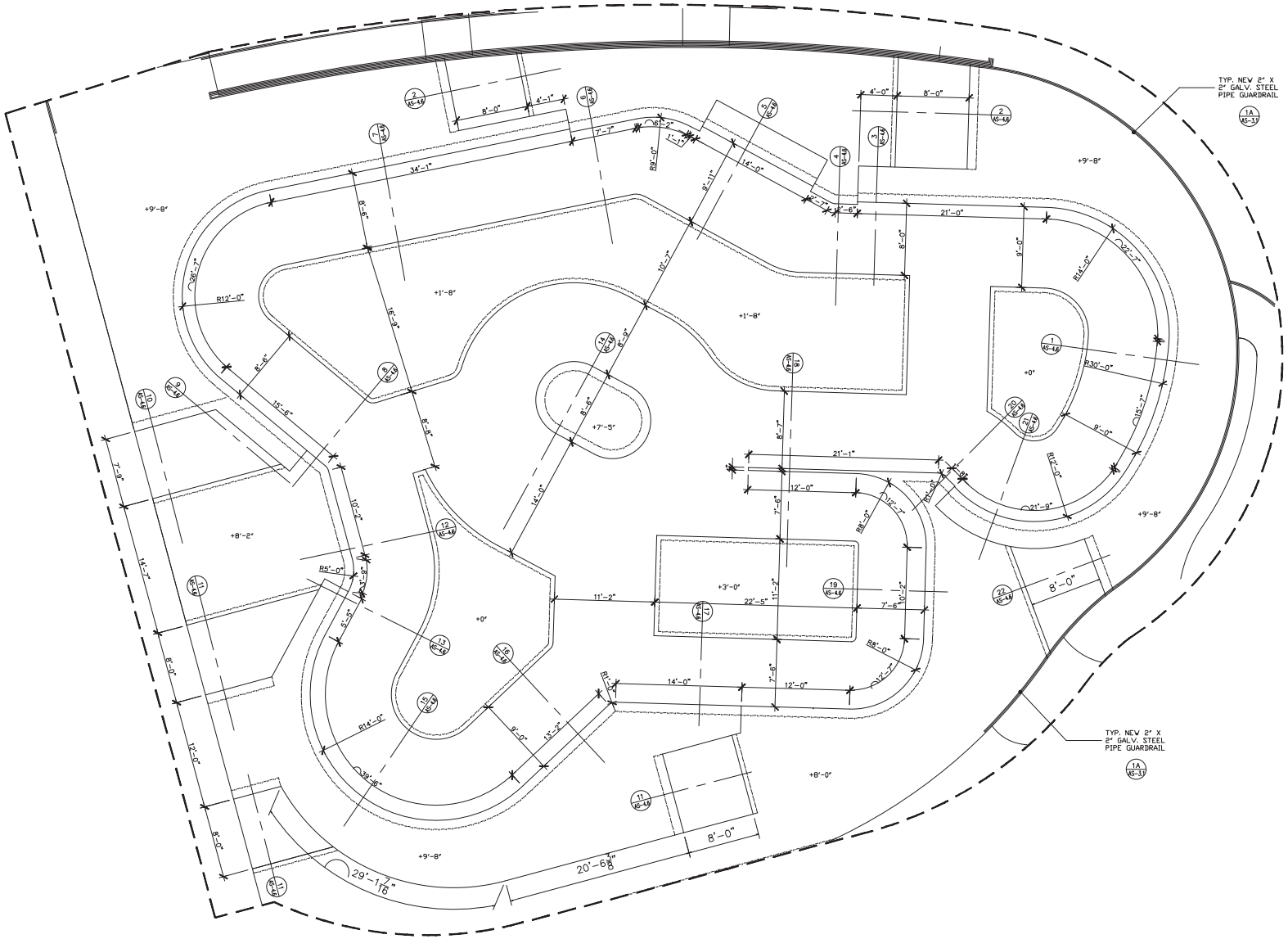
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
jdd I.H.

NUMBER	TOTAL
22	83

DRAWING NUMBER
AS-4.4



BLOW UP PLAN 5

SCALE: 3/16"=1'-0"

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 5

COMPUTER PLOT
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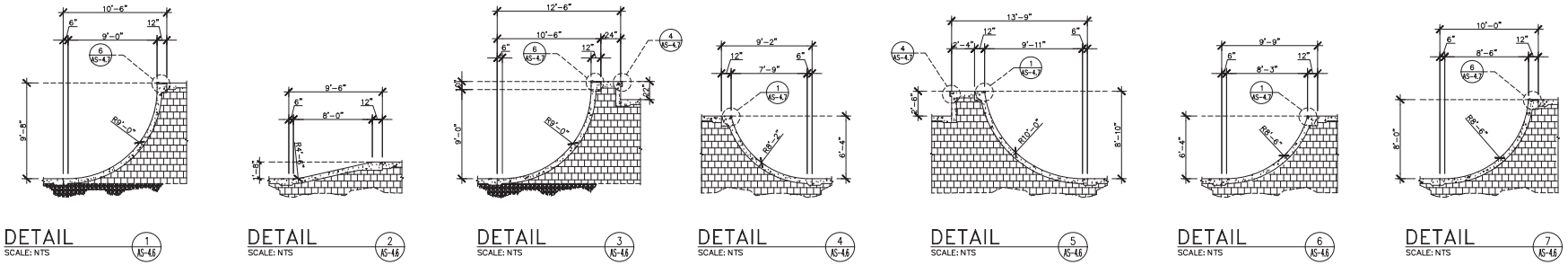
NO.	DATE	REVISION	BY	APPROVED

PROJECT

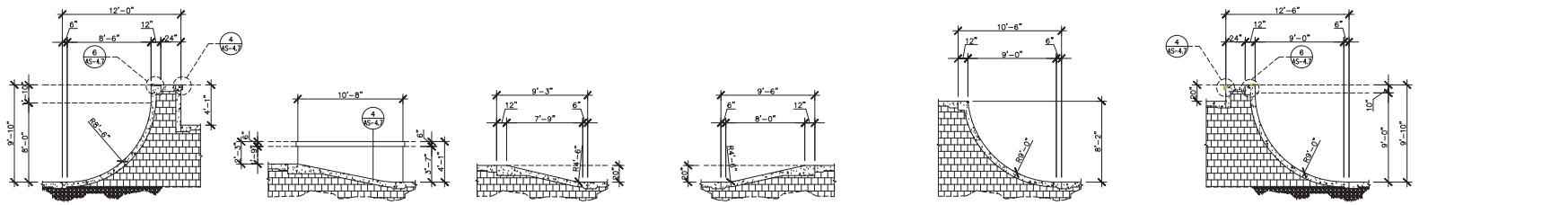
DRAWING BY/CHECKED BY
jdd I.H.

NUMBER	TOTAL
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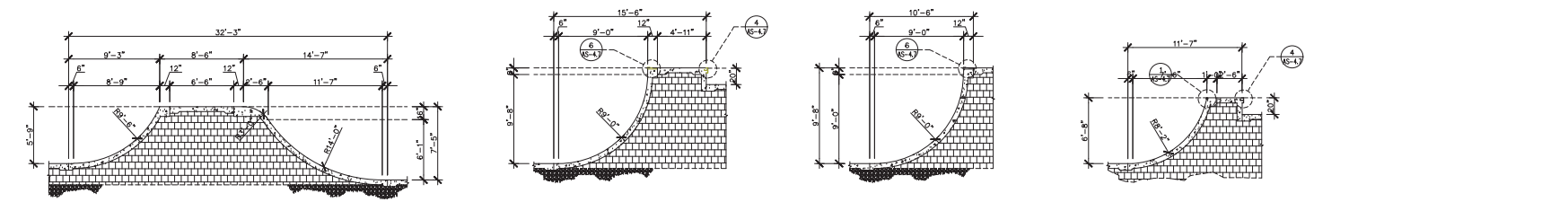
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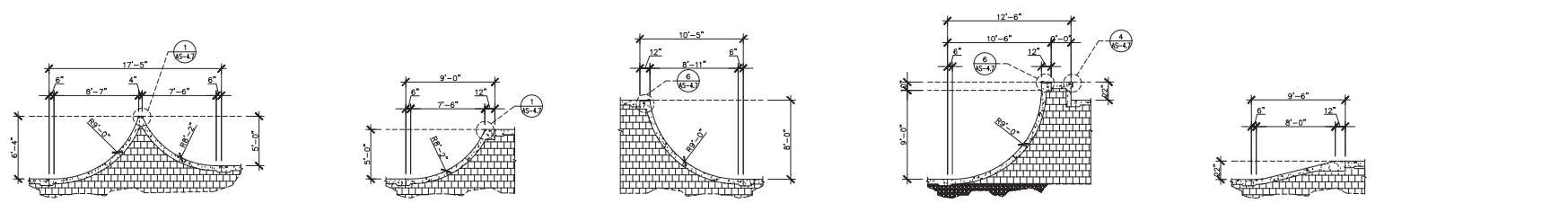
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DETAIL 18 SCALE: NTS (AS-4.6)
DETAIL 19 SCALE: NTS (AS-4.6)
DETAIL 20 SCALE: NTS (AS-4.6)
DETAIL 18 SCALE: NTS (AS-4.6)
DETAIL 18 SCALE: NTS (AS-4.6)

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 5 SECTION

COMPUTER PLOT
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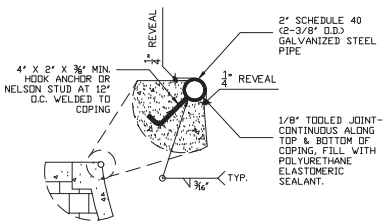
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
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NUMBER	TOTAL
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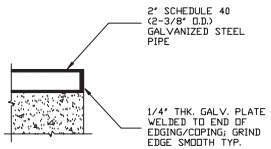
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TYP. ROUND COPING DETAIL

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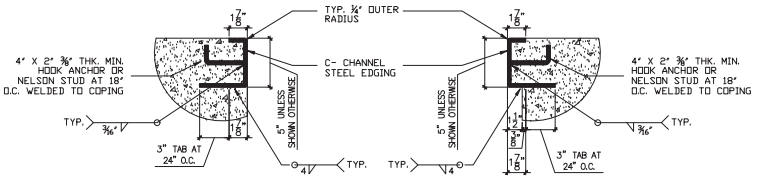


PIPE COPING TERMINATION DETAIL

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2 / AS-4.7

NOTE:
WELD & GRIND SMOOTH END CAPS WHERE PIPE ENDS ARE EXPOSED. NO OPEN PIPES, OR CONCRETE FILLED CAPS WILL BE ACCEPTED.



FLUSH C-CHANNEL EDGING DETAIL

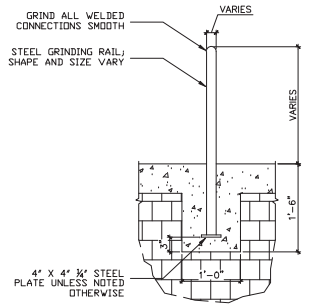
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3 / AS-4.7

CANTILEVER C-CHA EDGING DETAIL

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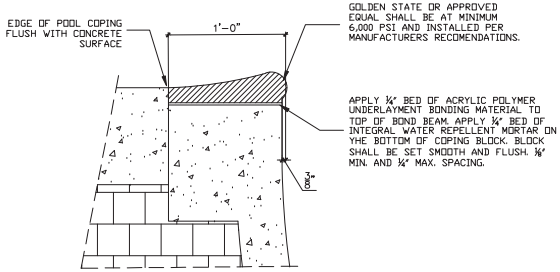
4 / AS-4.7



SKATERAIL/HUBBA FOOTING DETAIL

SCALE: N.T.S.

5 / AS-4.7



POOL COPING DETAIL

SCALE: N.T.S.

6 / AS-4.7

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DRAWING NAME
SKATE PARK DETAILS

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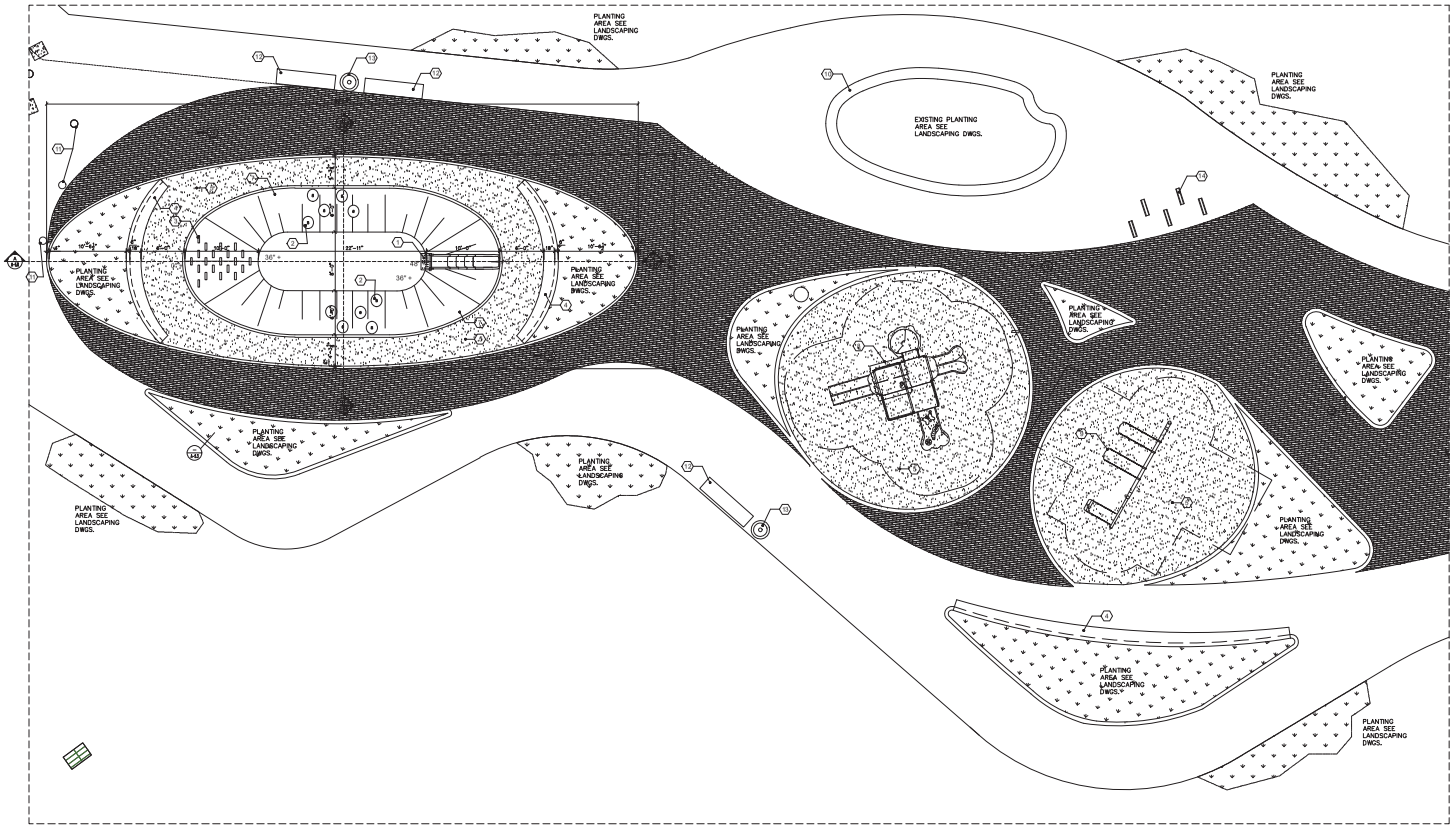
NO.	DATE	REVISION	BY	APPROVED

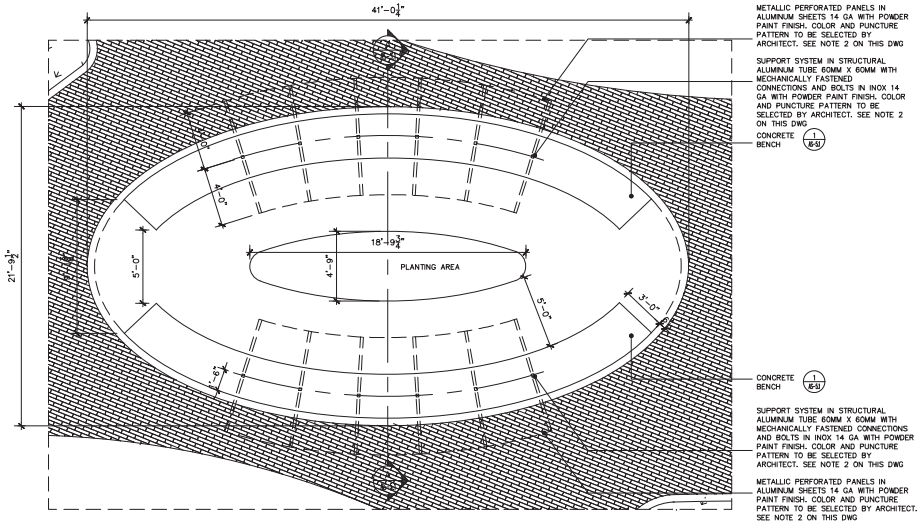
PROJECT

DRAWING BY/CHECKED BY
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NUMBER	TOTAL
25	83

DRAWING NUMBER
AS-4.7


PLANTING AREA SEE LANDSCAPING DWGS.
EXISTING PLANTING AREA SEE LANDSCAPING DWGS.
PLANTING AREA SEE LANDSCAPING DWGS.
PLANTING AREA SEE LANDSCAPING DWGS.



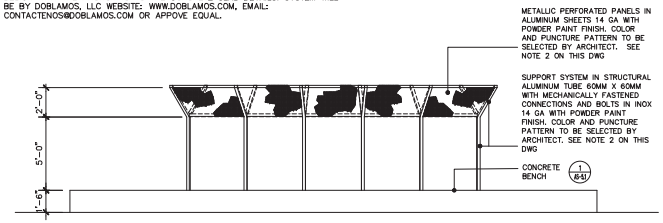
GAZEBOS FLOOR PLAN

1/AS-5.1

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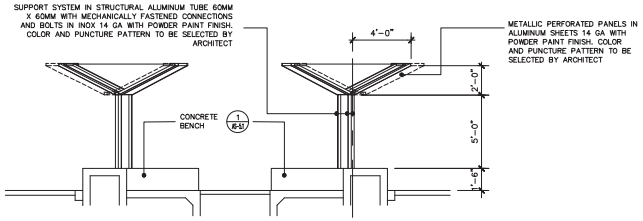
1. SEE LANDSCAPING DWGS.
2. THE PROPOSED SYSTEM WILL BE INCLUDE THE PANEL AND SUPPORT SYSTEM DESIGN WITH THE ANCHORING TO THE CONCRETE SLAB DETAILS. SYSTEM WILL BE BY DOBLAMOS, LLC WEBSITE: WWW.DOBLAMOS.COM, EMAIL: CONTACTENOS@DOBLAMOS.COM OR APPOVE EQUAL.



ELEVATION

1/AS-5.1

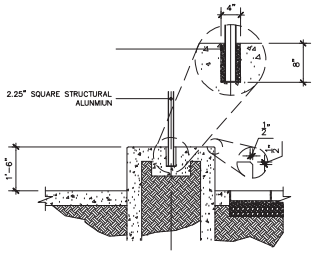
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SECTION

A/AS-5.1

SCALE: 1/4"=1'-0"



DETAIL

1/AS-5.1

SCALE: NTS

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GAZEBOS FLOOR PLAN

COMPUTER PLOT
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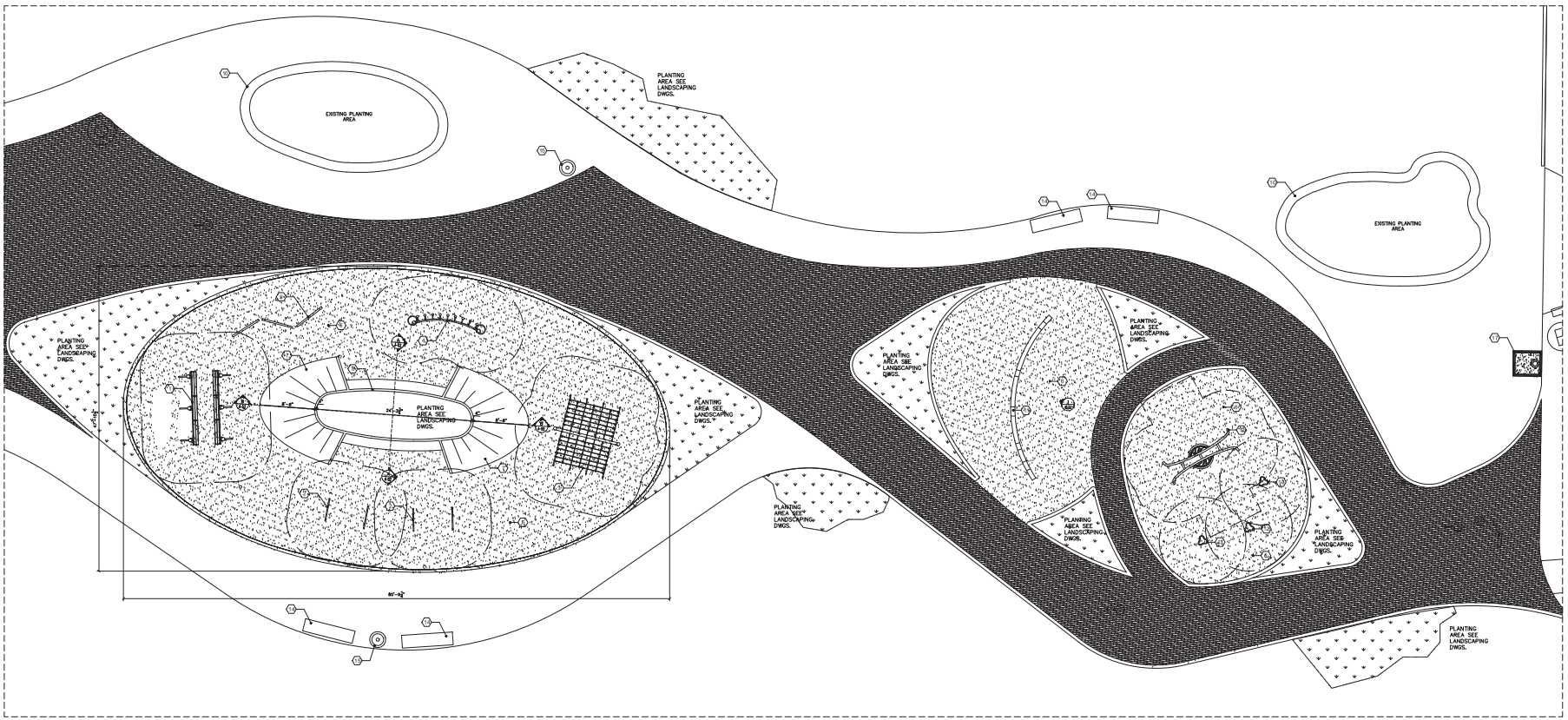
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
27	83

DRAWING NUMBER
AS-5.1



KEY NOTE:

1. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME SPIDERWALK MODEL #244200 BY LANDSCAPE STRUCTURES

2. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME OVER UNDER BARS MODEL #244198 BY LANDSCAPE STRUCTURES

3. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME A-FRAME CARGO NET MODEL #244191 BY LANDSCAPE STRUCTURES

4. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME PEG BRIDGE MODEL #244195 BY LANDSCAPE STRUCTURES

5. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME BALANCE BEAM MODEL #244196 BY LANDSCAPE STRUCTURES

6. PLAY-SURFACE SEE DETAILS ON DWG AS-5.3

7. PLANTED SLOPE SEE LANSCAPING DWG FOR NOTES

8. NEW CONCRETE PLANTER SEE DETAIL ON DWG AS-5.3

9. NEW 3"X 19" X 3 1/8" CONCRETE PAVER SEE DETAILS ON DWG AS-5.3

10. ALL CONCRETE SURFACE ON EXISTING PLANTER SHALL BE WATER PRESSURE CLEANED, SURFACE PREPARED AND PAINTED.

11. NEW CONCRETE WALL SEE DETAILS ON DWG AS-5.3

12. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO ODDLE SWING HDG MODEL #228069 BY LANDSCAPE STRUCTURES

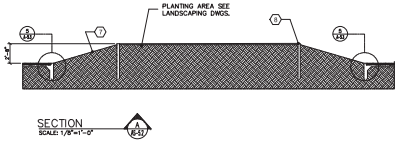
13. 
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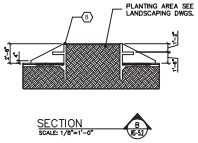
14. NEW CONCRETE BENCH SEE NOTE 1 OF URBAN FURNITURE ON DWG AS-2.0

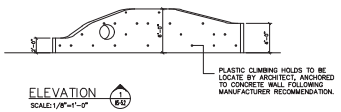
15. NEW CONCRETE TRACH RECEPTACLE SEE NOTE 3 OF URBAN FURNITURE ON DWG AS-2.0

16. NEW SIGNAGE SEE NOTE 4 OF URBAN FURNITURE ON DWG AS-2.0

17. NEW SHOWER SEE NOTE 5 OF URBAN FURNITURE ON DWG AS-2.0







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ARCHITECT'S SEAL

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CONSULTANT'S SEAL

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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLAYGROUNDS BLOW-UPS

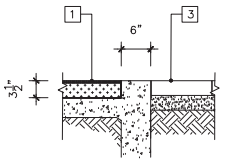
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NO.	DATE	REVISION	BY	APPROVED

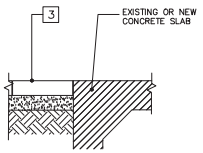
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DRAWING BY/CHECKED BY
-- E.B.

NUMBER	TOTAL
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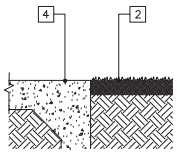
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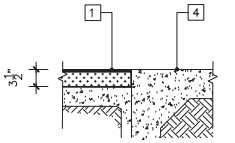
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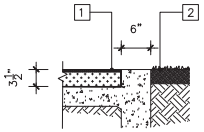
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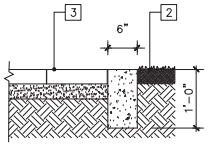
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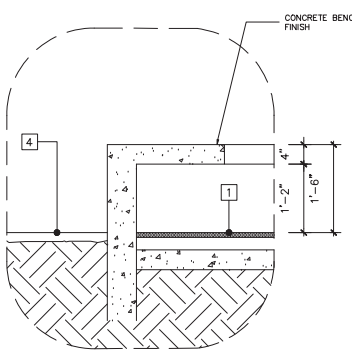
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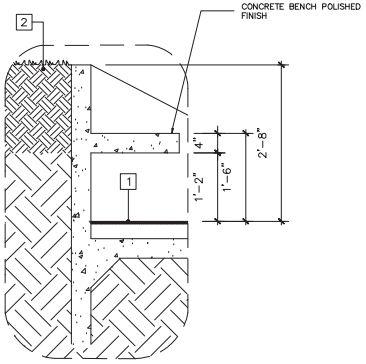
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DETAIL
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AS-5.3



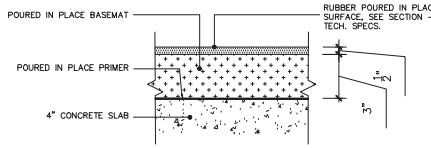
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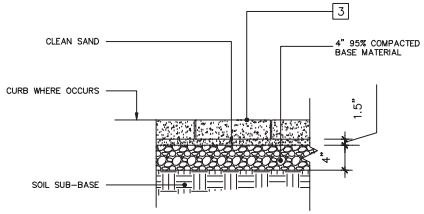
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NOTES/LEGEND

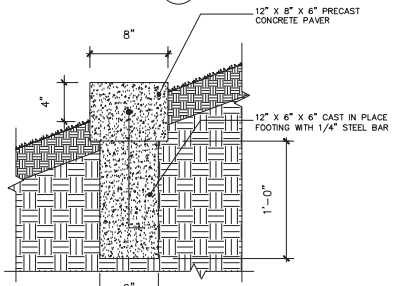
1. RUBBER POURED IN PLACE SURFACE, SEE SECTION –– OF TECH. SPECS AND DETAIL A ON THIS DWG.
2. 3" TOP SOIL SEE LANDSCAPE DWG. FOR NOTES
3. NEW CONCRETE PAVERS EQUAL OR APPROVE EQUAL TO CONCRETE "TABLONCILLO" PAVERS 3"X19"X3½" BY CARMELO,COLOR TO BE SELECTED BY ARCHITECT. SEE SECTION –– OF TECH. SPECS AND DETAIL B ON THIS DWG.
4. CONCRETE SLAB FINISH – TROWELED CONCRETE



DETAIL
SCALE: NTS
A
AS-5.3



DETAIL
SCALE: NTS
B
AS-5.3



DETAIL
SCALE: NTS
C
AS-5.3

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLAYGROUNDS AREA DETAILS

COMPUTER PLOT
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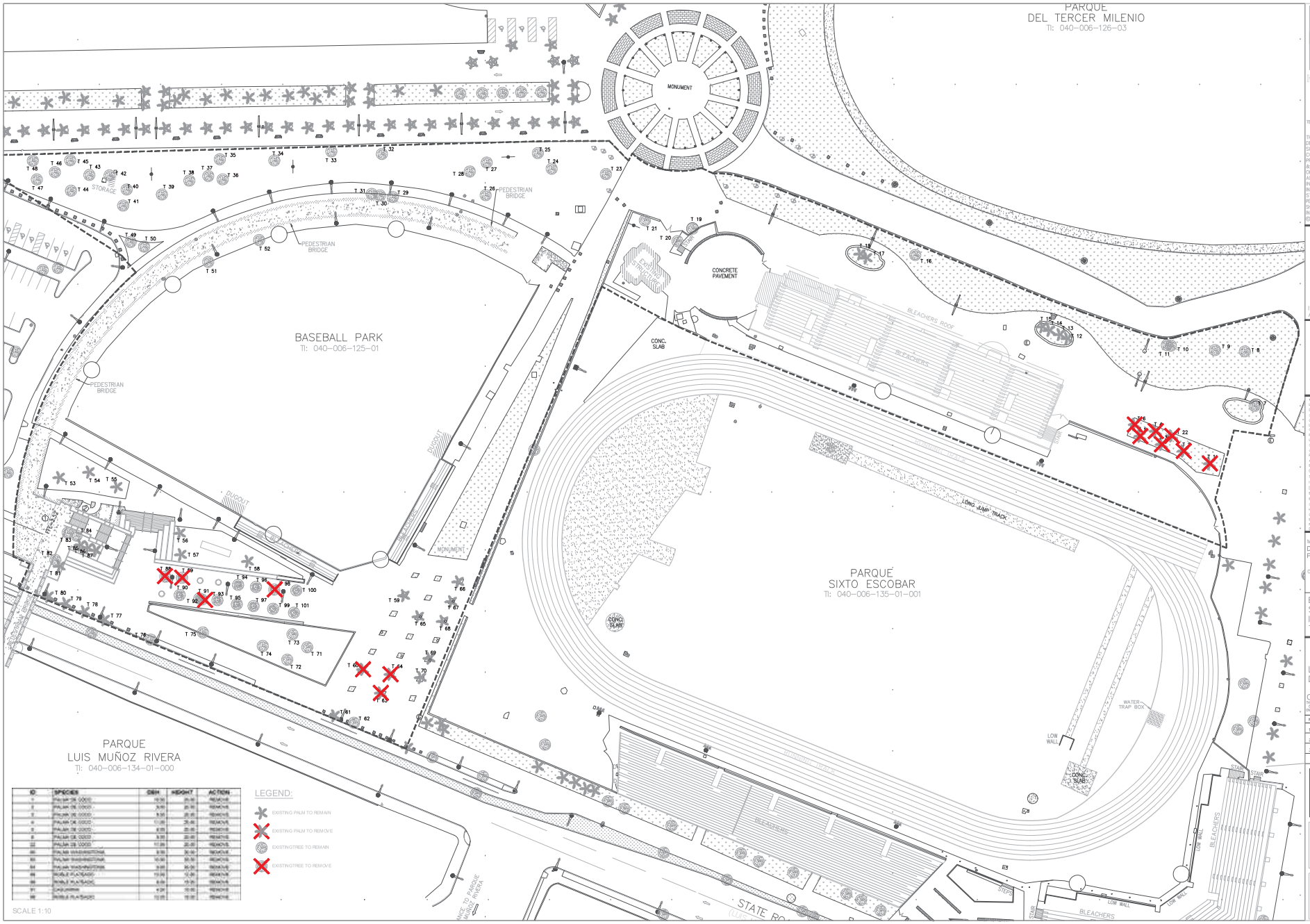
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
29	83

DRAWING NUMBER
AS–5.3



ID	SPECIES	DBH	HEIGHT	ACTION
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2	PALMA DE COCO	9.00	25.00	REMOVE
3	PALMA DE COCO	9.50	25.00	REMOVE
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7	PALMA DE COCO	10.00	25.00	REMOVE
8	PALMA WASHINGTONIA	9.00	30.00	REMOVE
9	PALMA WASHINGTONIA	10.00	30.00	REMOVE
10	PALMA WASHINGTONIA	9.00	30.00	REMOVE
11	PALMA REAL	10.00	30.00	REMOVE
12	PALMA REAL	8.00	15.00	REMOVE
13	CAUCHERA	4.00	10.00	REMOVE
14	PALMA REAL	10.00	15.00	REMOVE

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P.O. PINACES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO AL SERVICIO DE QUE SOY LA PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN, CERTIFICO QUE CONTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION CONVENIENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CONFORMIDAD POR PUEBLOS CON LA JURISDICCION Y ESTÁN EN CONFORMIDAD CON CODIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 ® ADOPTADO EL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SY HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA - LEY NÚM. 69 DE 6 JULIO DE 1978, SEGÚN ENMENDADA. SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O OMISIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR EL DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA LEY.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
LANDSCAPE DEMOLITION

COMPUTER PLOT
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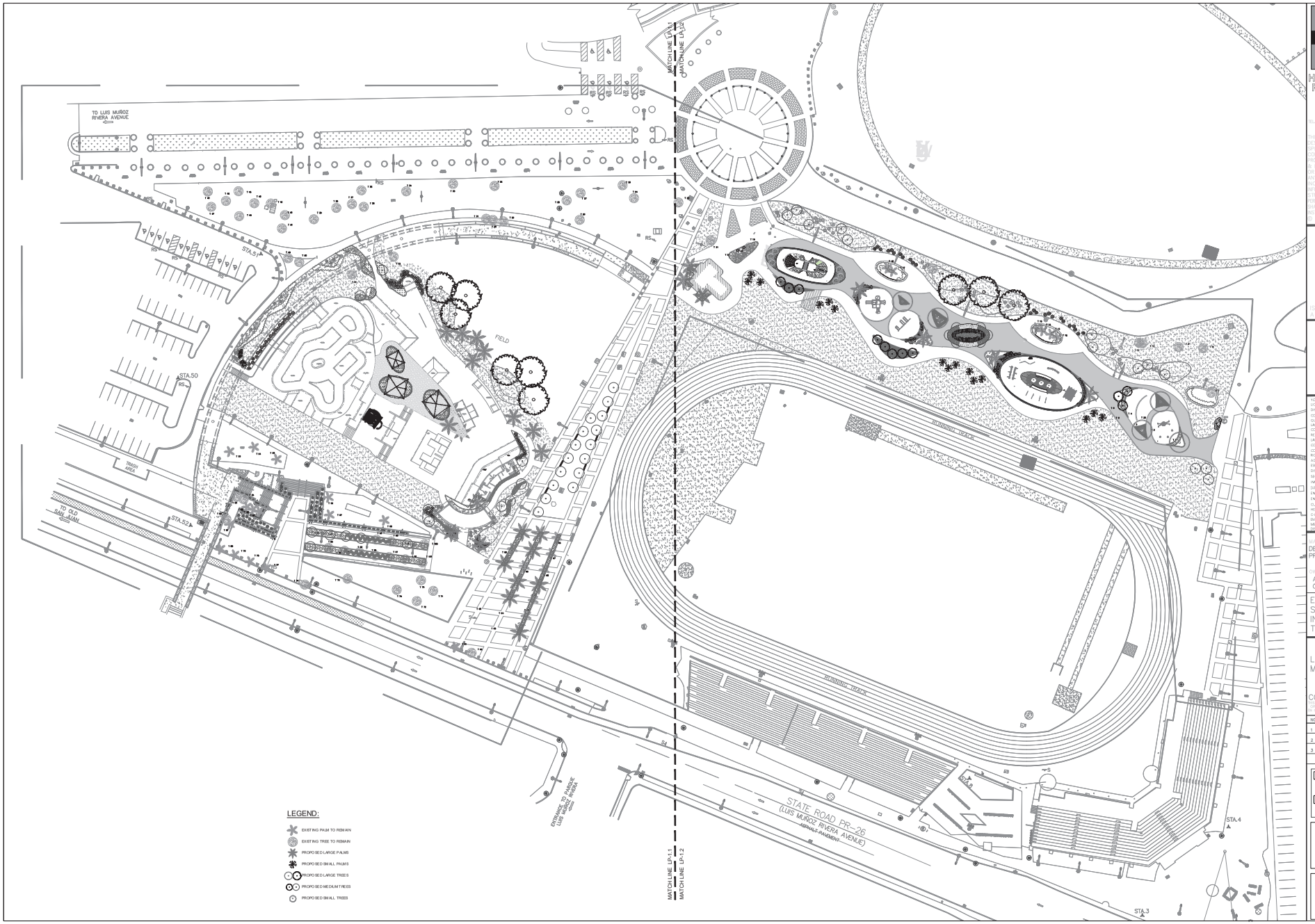
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2	5/12/23	60% DD	FMR	
3	10/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
30	83

DRAWING NUMBER
LD-1.0



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ARCHITECT'S SEAL

ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO. 7288

CONSULTANT'S SEAL

YO, FRANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO #53, CERTIFICO QUE SOY LA PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTACIONES Y CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 23 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO FIELMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA FUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1968, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA TAL SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN LEGAL Y DISCIPLINARIA POR LA CUAL

OWNER'S MANAGER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT:
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME:
LANDSCAPE MASTER PLAN

COMPUTER PLOT

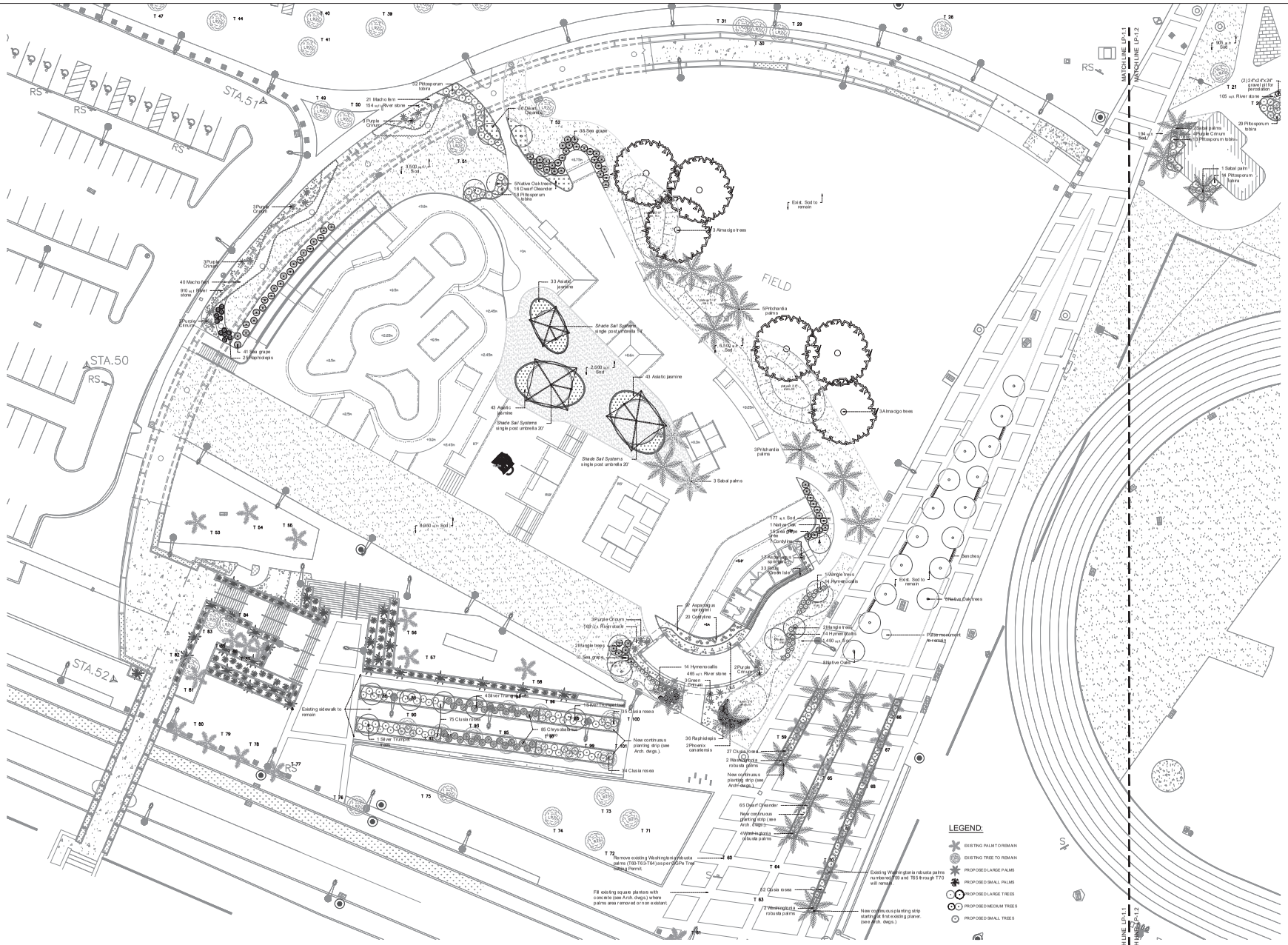
NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FWR	
2	11/12/23	90% DD	FWR	
3	12/26/23	90% DD	FWR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER 31 | TOTAL 83

DRAWING NUMBER
LP-1.0



B
LP-1.1
Landscape Design - Skate park
scale 1"=20'

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ARCHITECT'S SEAL

ISRA HERNANDEZ DE BAUZA
ARCHITECT
LICENSE NO. 17369

CONSULTANT'S SEAL

YO, FRANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO #53, CERTIFICO QUE SOY LA PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE INTENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTACIONES Y CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 23 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES, HE CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 519 DE 15 DE MAYO DE 1958, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA POR MIS EMPLEADOS, MIS AGENTES O DUPLICADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN LEGAL Y DISCIPLINARIA POR LA CUAL

CLIENT

MANAGER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
LANDSCAPE PLAN BLOW UP

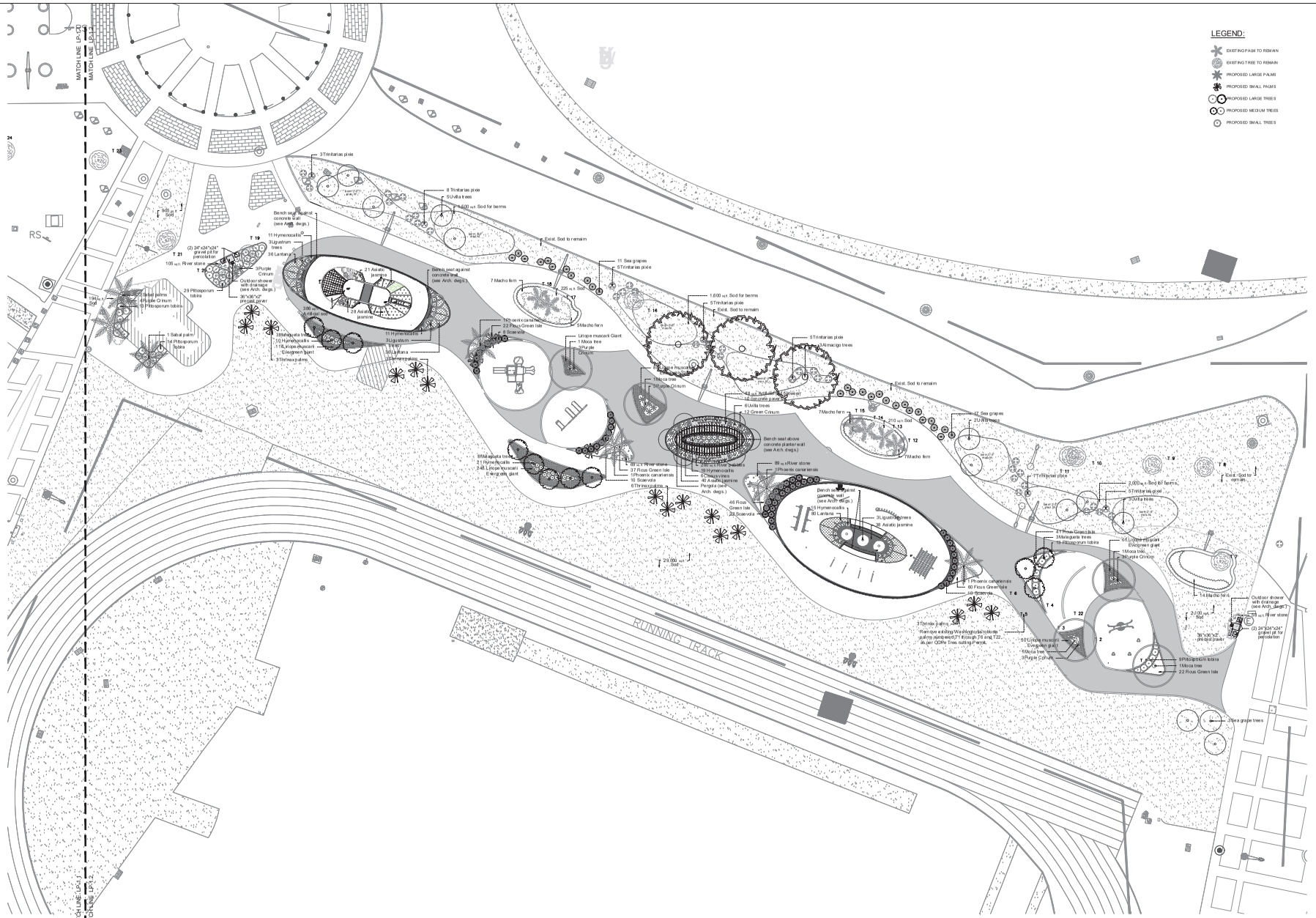
COMPUTER PLOT
ANY CHANGES TO THIS PLOT THAT CAUSE ALL DRAWINGS OR CORRECTIONS MUST BE STRICTLY EXECUTED BY HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FMR	
2	11/12/23	90% DD	FMR	
3	12/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK
DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
32	83

DRAWING NUMBER
LP-1.1



C / LP-1.2 Landscape Design - Children's park
scale 1"=20'

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ARCHITECT'S SEAL

ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO. 7398

CONSULTANT'S SEAL

YO, FRANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO #53, CERTIFICO QUE SOY LA PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE. EL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES HA CUMPLIDO DEBIDAMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1968, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA TA SUA PORTE MI MEJOR SABER Y ENTENDIDO DUPLICADO, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN LEGAL Y DISCIPLINARIA POR LA OGPE.

OWNER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT:
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME:
LANDSCAPE PLAN BLOW UP

COMPUTER PLOT
ALL DRAWING NOTES SHALL BE CHECKED AND SHOWN ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED WITH THE APPROVAL FROM OWNER'S REPRESENTATIVE

NO.	DATE	REVISION	BY	APPROVED
1	10/27/22	SCHEMATIC DWGS	FMR	
2	5/12/23	60% DD	FMR	
3	10/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK
DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER 33 | TOTAL 83

DRAWING NUMBER
LP-1.2

LARGE TREES


Almacigo tree


Moca tree

MEDIUM TREES


Malagueta tree


Mangle tree


Native Oak tree


Sea grape tree


Silver Trumpet tree


Uvilla tree

SMALL TREES


Ligustrum tree

LARGE PALMS


Phoenix canariensis


Pritchardia pacifica


Sabal causiarum


Washingtonia robusta

MEDIUM / SMALL PALMS


Leucothrinax morrisii

MEDIUM / SMALL SHRUBS


Asiatic Jasmine


Asparragus springerii


Chrysobalanus icaco


Cissus vine


Clusia rosea


Coccoloba uvifera


Crinum (green)


Crinum (purple)


Dwarf Oleander


Ficus Green Isle


Hymenocallis


Lantana


Liriope muscarii "Evergreen Giant"


Macho fern


Pittosporum


Raphiolepis indica


Scaevola


Trinitaria 'Pixie'

= Native to PR

HERNANDEZ-BAUZA PSC, ARCHITECTS

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ARCHITECT'S SEAL

ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO. 7399

CONSULTANT'S SEAL

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OWNER'S MANAGER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT:
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME:
PLANT PICTURES
COMPUTER PLOT

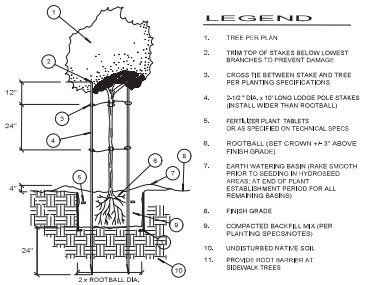
NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FWR	
2	11/12/23	90% DD	FWR	
3	12/26/23	90% DD	FWR	

PROJECT:
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY:
F. DE LA ROSA/LG

NUMBER: 34
TOTAL: 83

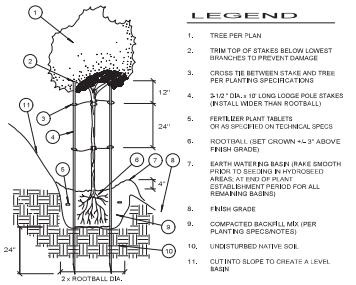
DRAWING NUMBER:
LP-2.0



LEGEND

1. TREE PER PLAN
2. TRIM TOP OF STAKES BELOW LOWEST BRANCHES TO PREVENT DAMAGE
3. CROSS TIE BETWEEN STAKE AND TREE PER PLANTING SPECIFICATIONS
4. 2-1/2" DIA. x 10' LONG LODGE POLE STAKES (INSTALL WIDER THAN ROOTBALL)
5. FERTILIZER PLANT TABLETS OR AS SPECIFIED ON TECHNICAL SPECS
6. ROOTBALL (SET CROWN +/- 3" ABOVE FINISH GRADE)
7. EARTH WATERING BASIN (RAKE SMOOTH PRIOR TO SEEDING IN HYDROSEED AREAS; AT END OF PLANT ESTABLISHMENT PERIOD FOR ALL REMAINING BASINS)
8. FINISH GRADE
9. COMPACTED BACKFILL MIX (PER PLANTING SPECSNOTES)
10. UNDISTURBED NATIVE SOIL
11. PROVIDE ROOT BARRIER AT SIDEWALK TREES

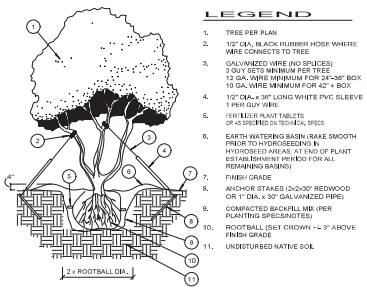
DETAIL A - Tree Planting Detail



LEGEND

1. TREE PER PLAN
2. TRIM TOP OF STAKES BELOW LOWEST BRANCHES TO PREVENT DAMAGE
3. CROSS TIE BETWEEN STAKE AND TREE PER PLANTING SPECIFICATIONS
4. 2-1/2" DIA. x 10' LONG LODGE POLE STAKES (INSTALL WIDER THAN ROOTBALL)
5. FERTILIZER PLANT TABLETS OR AS SPECIFIED ON TECHNICAL SPECS
6. ROOTBALL (SET CROWN +/- 3" ABOVE FINISH GRADE)
7. EARTH WATERING BASIN (RAKE SMOOTH PRIOR TO SEEDING IN HYDROSEED AREAS; AT END OF PLANT ESTABLISHMENT PERIOD FOR ALL REMAINING BASINS)
8. FINISH GRADE
9. COMPACTED BACKFILL MIX (PER PLANTING SPECSNOTES)
10. UNDISTURBED NATIVE SOIL
11. CUT INTO SLOPE TO CREATE A LEVEL BASIN

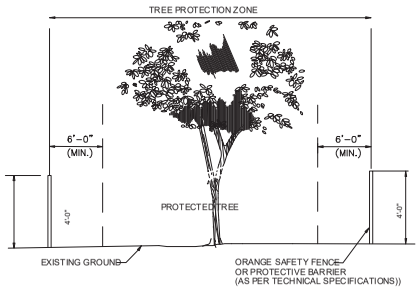
DETAIL B - Tree Planting on Slope Detail



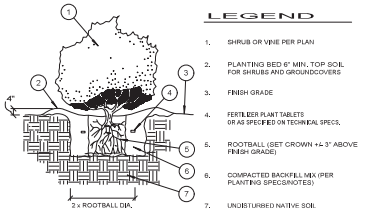
LEGEND

1. TREE PER PLAN
2. 1/2" DIA. BLACK RUBBER HOSE WHERE WIRE CONNECTS TO TREE
3. GALVANIZED WIRE (NO SPLICES) 3 GUY SETS MINIMUM PER TREE 12 GA. WIRE MINIMUM FOR 24"-36" BOX 10 GA. WIRE MINIMUM FOR 42" + BOX
4. 1/2" DIA.x 36" LONG WHITE PVC SLEEVE 1 PER GUY WIRE
5. FERTILIZER PLANT TABLETS OR AS SPECIFIED ON TECHNICAL SPECS
6. EARTH WATERING BASIN (RAKE SMOOTH PRIOR TO HYDROSEEDING IN HYDROSEED AREAS; AT END OF PLANT ESTABLISHMENT PERIOD FOR ALL REMAINING BASINS)
7. FINISH GRADE
8. ANCHOR STAKES (2x2x30" REDWOOD OR 1" DIA. x 30" GALVANIZED PIPE)
9. COMPACTED BACKFILL MIX (PER PLANTING SPECSNOTES)
10. ROOTBALL (SET CROWN +/- 3" ABOVE FINISH GRADE
11. UNDISTURBED NATIVE SOIL

DETAIL C - Large Tree Guying



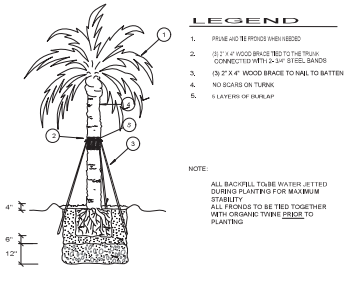
DETAIL G - Existing Tree Protection



LEGEND

1. SHRUB OR VINE PER PLAN
2. PLANTING BED 6" MIN., TOP SOIL FOR SHRUBS AND GROUNDCOVERS
3. FINISH GRADE
4. FERTILIZER PLANT TABLETS OR AS SPECIFIED ON TECHNICAL SPECS.
5. ROOTBALL (SET CROWN +/- 3" ABOVE FINISH GRADE)
6. COMPACTED BACKFILL MIX (PER PLANTING SPECSNOTES)
7. UNDISTURBED NATIVE SOIL

DETAIL D - Shrub Planting Detail



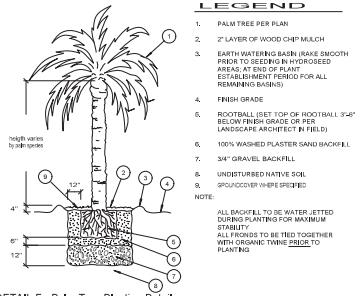
LEGEND

1. PRUNE AND TIE FRONDS WHEN NEEDED
2. (3) 2" X 4" WOOD BRACE TIED TO THE TRUNK CONNECTED WITH (2-3/4" STEEL BANDS
3. (3) 2" X 4" WOOD BRACE TO NAIL TO BATTEN
4. NO SCARS ON TURNK
5. 6 LAYERS OF BURLAP

NOTE:

ALL BACKFILL TO BE WATER JETTED DURING PLANTING FOR MAXIMUM STABILITY
ALL FRONDS TO BE TIED TOGETHER WITH ORGANIC TWINE PRIOR TO PLANTING

DETAIL E - Palm Tree Guying Detail



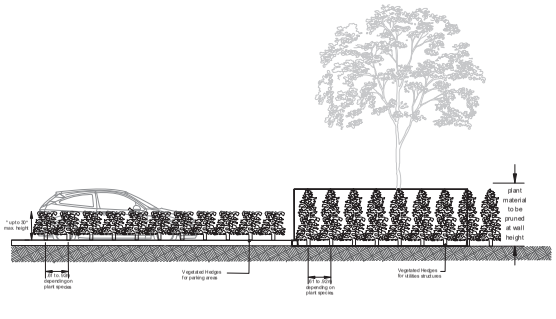
LEGEND

1. PALM TREE PER PLAN
2. 2" LAYER OF WOOD CHIP MULCH
3. EARTH WATERING BASIN (RAKE SMOOTH PRIOR TO SEEDING IN HYDROSEED AREAS; AT END OF PLANT ESTABLISHMENT PERIOD FOR ALL REMAINING BASINS)
4. FINISH GRADE
5. ROOTBALL (SET TOP OF ROOTBALL 3"-6" BELOW FINISH GRADE OR PER LANDSCAPE ARCHITECT IN FIELD)
6. 100% WASHED PLASTER SAND BACKFILL
7. 3/4" GRAVEL BACKFILL
8. UNDISTURBED NATIVE SOIL
9. GROUNDCOVER WHERE SPECIFIED

NOTE:

ALL BACKFILL TO BE WATER JETTED DURING PLANTING FOR MAXIMUM STABILITY
ALL FRONDS TO BE TIED TOGETHER WITH ORGANIC TWINE PRIOR TO PLANTING

DETAIL F - Palm Tree Planting Detail

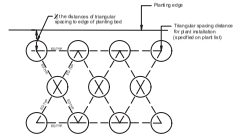


DETAIL H - Typical Hedges less than 30' from road curb

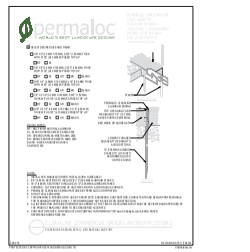
* Any shrub planted at a distance less than 30' from road curb should be maintained at a height no greater than 30".

GENERAL SITE NOTES FOR LANDSCAPE CONSTRUCTION

1. CONTRACTOS SHALL VERIFY ALL BASE SITE INFORMATION PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL ASSURE THAT NO DAMAGE IS MADE TO EXISTING UTILITY LINES WHILE EXCAVATING FOR PLANTING MATERIAL. CONTRACTOR MUST VERIFY ALL UP TO DATE AND "AS BUILT" UTILITY PLANS BEFORE EXCAVATING. IF DAMAGE OCCURS, CONTRACTOR IS RESPONSIBLE FOR INFORMING OWNER AND FOR REPAIRING DAMAGE. REFER TO SURVEY SHEETS.
3. REPORT ALL EXISTING DAMAGE OF EXISTING SITE FEATURES AND ELEMENTS TO THE OWNER PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE OCCURING FROM THE LANDSCAPE INSTALLATION PROCESS MUST BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
4. CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES FOR EMPLOYEES AND PUBLIC AT ALL TIMES DURING THE CONSTRUCTION PROCESS AS PER APPLICABLE LOCAL CODES.
5. CONTRACTOR SHALL COORDINATE ACCESS AND STAGING AREA WITH THE OWNER.
6. CONTRACTOR SHALL LAYOUT ALL CONSTRUCTION LINES AND VERIFY THIS LAYOUT AND ALL PLANT AND MATERIAL QUANTITIES WITH THE OWNER'S REPRESENTATIVE AND/OR LANDSCAPE ARCHITECT PRIOR TO THE BEGINNING OF CONSTRUCTION.
7. ALL EXISTING PLANT MATERIAL TO REMAIN SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE NEW CONSTRUCTION SCHEDULE. ALL EXISTING PLANT MATERIAL THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH THE SAME SIZE, QUALITY, AND TYPE OF PLANT MATERIAL THAT WAS DAMAGED
8. REFER TO PLANTING DETAILS AND WRITTEN TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION, DETAILS, AND NOTES.
9. REFER TO PLANS OF THE DIFFERENT AREAS FOR PLANT LISTING WITH SIZES, QUANTITIES, AND VARIETIES REQUIRED FOR THE CONSTRUCTION OF THE LANDSCAPE DESIGN AS SHOWN IN DRAWINGS. ANY CHANGES OR SUBSTITUTIONS NEEDED SHALL BE CLEARED WITH LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. A PLANT MATERIAL LIST IS PROVIDED. IF DISCREPANCIES OCCUR BETWEEN PLANS AND PLANT LIST, PLAN INFORMATION PREVAILS.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEAN UP OF THE WORKING AREAS AND DAILY REMOVAL OF DEBRIS TO AND OFF SITE LOCATION.
11. PILING SOIL AND TRASH SHALL NOT BE DEPOSITED AROUND EXISTING AND NEW PLANTED TREES.
12. TREES SHALL NOT BE PLANTED IN COMPACTED SOIL AREA. WIDTH OF PLANTING HOLE SHALL BE 3 TIMES ROOT BALL DIAMETER IN HIGHLY COMPACTED SOIL.
13. CONTRACTOR SHALL ASSURE PROPER DRAINAGE AND PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION OF PLANT MATERIAL.
14. TO AVOID ROOT PRUNING ON TREES PLANTED, ROOT CONTROL BARRIERS CAN BE USED.
15. IF A ROOT CONTROL SYSTEM IS USED THE CONTRACTOR SHALL CONSULT WITH THE MANUFACTURER FOR THE SELECTED SYSTEM SPECIFICATIONS.
16. RESTORE ALL DISTURBED SURFACES FOLLOWING COMPLETION OF CONSTRUCTION INCLUDING THE REPLACEMENT OF SOD WERE DISTURBED.
17. IF A REFORESTATION PLAN IS NECESSARY (ACP PERMIT), THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACHIEVING A 100% SURVIVAL RATE AT THE END OF A ONE YEAR PERIOD AFTER PLANTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING MONITORING, MAINTENANCE AND CORRECTIVE MEASURES SUCH AS WATERING,FERTILIZING REPLANTING AND/OR REGARDING THE FORE STATION UNTIL AREAS HAVE BEEN ACCEPTED IN WRITING BY CLIENT.
18. FOR MAINTENANCE REQUIREMENTS SEE THE MAINTENANCE SECTION IN THE WRITTEN TECHNICAL SPECIFICATIONS PROVIDED IN ADDITION TO THE PLAN SET.
19. PLANTING AREAS AND PLANTS SHALL BE PROTECTED AT ALL TIMES AGAINST TRESPASSING AND DAMAGE OF ALL KINDS FOR THE DURATION OF THE INSTALLATION AND MAINTENANCE PERIOD. IF A PLANT BECOMES DAMAGED OR INJURED, IT SHALL BE TREATED OR REPLACED AS DIRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST.
20. ALL TREES AND PALMS TO BE RELOCATED SHALL BE MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD, AS MAY BE REQUIRED, AND UNTIL WORK PROGRESS PERMITS PLANTING TO FINAL PROPOSED LOCATION. SPECIMENS DAMAGED SHALL BE SUBSTITUTED BY AN EQUAL TREE. (If applicable)
21. EXISTING TREES TO REMAIN SHALL BE PROTECTED AND MAINTAINED AS PER PLANTING DETAILS AND TECHNICAL SPECIFICATIONS.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR IRRIGATION DURING LANDSCAPE CONSTRUCTION AND MAINTENANCE PERIODS (if applicable), ESPECIALLY DURING DROUGHT PERIODS.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR 100% TREE SURVIVAL DURING INSTALLATION AND MAINTENANCE PERIOD, AND SHALL REPLACE ANY TREES THAT FAIL TO SUBSIST WITH AN EQUAL TREE DURING THE WARRANTY PERIOD AND IF CORRECT MAINTENANCE PRACTICES HAVE BEEN APPLIED.
24. PROVIDE 6" MIN. TOPSOIL BED FOR ALL AREAS TO RECEIVE SHRUBS AND GROUND COVERS AND 4" MIN. FOR ALL AREAS TO RECEIVE SOD UNLESS OTHERWISE STATED IN THE WRITTEN TECHNICAL SPECIFICATIONS.
25. PROVIDE 2" TO 3" CEDAR OR CYPRESS MULCH ON ALL AREAS OF BEDS NOT COVERED BY SOD OR GROUNDCOVER. SEE WRITTEN TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
26. WHERE SPECIFIED, GROUND AREAS NOT PAVED, PLANTED, MULCHED, OR SODDED WILL BE HARDSCAPED WITH THE INDICATED AGGREGATE MATERIAL. SOD AND AGGREGATE QUANTITIES ARE APPROXIMATE AND WILL BE USED ONLY FOR QUOTING PURPOSES. CONTRACTOR MUST RECALCULATE ALL AREAS.
27. ACP PERMIT PLANS (TREE CUTTING AND REFORESTATION PERMIT) ARE SEPARATE FROM LANDSCAPE PLANS. TREES AND PALMS ON LANDSCAPE PLANS ARE PART OF THE REQUIRED REFORESTATION, BUT ADDITIONAL TREES MAY BE NEEDED TO FULFILL PERMIT REQUIREMENT. FOR TREE INVENTORY, INDIVIDUALS TO REMAIN, REMOVE AND/OR TRANSPLANT, AND REFORESTATION PLANS SEE ACP PERMIT PLAN SET.
28. IF TREES AND PALMS SPECIFIED ON LANDSCAPE PLAN ARE ALSO USED AS PART OF THE MITIGATION PLAN, SIZE ON LANDSCAPE PLANS PREVAILS OVER ACP PERMIT PLANS.
29. TREE MITIGATION TO BE UNDERTAKEN OFF-SITE, OUTSIDE LANDSCAPE CONSTRUCTION LIMIT (IF APPLICABLE), MUST BE QUOTED SEPARATELY AND AS 6' TALL SPECIMENS OR AS INDICATED ON ACP PLANS.
30. SOD INSTALLED AT SLOPES GRATER THAN 2:1 MUST BE STAKED.



DETAIL I - Typical triangular spacing for plant beds



DETAIL J - Landscape Edging to separate sod from other plant material



DETAIL K - Root Barrier for Trees and Palms Surrounded by Pavement

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ARCHITECTS SEAL



ESTRA. HERNANDEZ DE BAUZA
ARCHITECT P.S.C. LICENSE #7369

CONSULTANT'S SEAL

P.O. FINANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO EN EL DISTRITO QUE SOY LA PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN, CERTIFICO QUE CONTIENDO LOS DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 Y AHORA AL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO DILIGENTEMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA. LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA. SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR EL DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA LEGIS.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLANTING DETAILS

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	10/27/22	SCHEMATIC DWGS	FMR	
2	5/12/23	60% DD	FMR	
3	10/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
35	83

DRAWING NUMBER
LP-2.1

ESCAMBRON SKATE PARK

SAN JUAN, PR

LANDSCAPE PLAN SHEET LS-1.1

TYPE	CODE	SCIENTIFIC NAME	COMMON NAME	SPACING	TOTAL	SIZE
TREES						
	Bc	Bucida buceras	ou BRUCIDO / OLIVERO / OLIVO		6	8' x 12 gal / 1.5" cal
	Cb	Coccoloba barbadensis	MAMEDO, BOTIJA / TITTIM, BOTIJO		4	8' x 12 gal / 1.5" cal
	Ta	Tabebuia argentea syn. T. caraiba	ROBLE BLANCO / ou OR, TRUMPET TREE		5	8' x 12 gal / 2.5" cal
	Tc	Tabebuia heterophylla	ROBLE BLANCO / CHERRY, TRUMPET TREE		20	8' / 12 gal / 2.5" cal
PALMS						
	Pm	Phoenix roebelenii ou	DATIL PALM		3	10' cal / 5' grw
	Prg	Roystonea regia	ROYAL PALM		8	25' x x / 10' grw
	Tc	Tabebuia caraiba	ROBLE AMARILLO		5	18', 20', 22' cal
	Wr	Washingtonia robusta	WASHINGTONIA PALM		9	10' cal / 8' grw
SHRUBS						
	Ag	Agapanthus africanus 'Storm Cloud'	AGAPANTO	12" oc	244	3 gal
	Cpe	Clitoria ternatea 'Purple'	CORDON DE MONJO	42" oc	17	1.5 gal
	G	Gardenia jasminoides 'Mini'	JAZMIN MINI / GARDENIA	24" oc	86	3 gal
	Lv	Lantana 'Irene'	LANTANA 'IRENE'	30" oc	223	3 gal
	Ov	Ortosiphon 'Variegata'	COLEUS PLANTA	12" oc	6	1.5 gal
	Of	Ortosiphon stamineus	ORTOSIFON	24" oc	37	3 gal
	Pp	Pennisetum purpureum	CANA PLANTA	36" oc	105	2.5 gal
	Pm	Pilea microphylla	HIERBA PAJARO / HIERBA DE FUEGO	12" oc	91	3 gal
	Pn	Plumeria rubra	FRANGIPANI	15' oc	40	3 gal
	Wm	Washingtonia filifera 'Marsha'	MELOCHO, MALAGACHANDO ESTE	30" oc	40	3 gal
	Yg	Yucca gloriosa 'Gold'	PALO PALMA	4'	117	3 gal
	Fc	Pittosporum crassa	PITOSPORUM	30" oc	69	3 gal
	Ri	Rhaphiolepis indica	RAPHIOLEPIS	24" oc	46	3 gal
	Tcs	Tradescantia pallida 'purpurea'	MORADO, MORADA	12" oc	229	3 gal
MULCH						
	Gm	Gravel, marcella, Marella	GRAVA ZOYA MARELA	1 per sq ft	23877	Canon
GRASS						
SEEDS						
	Ag	Aechis	Aechis	yard	9	5" pot
	Mc	Mulch**	Mulch 3" depth	3" depth	55	m3
	Rsg	River Stone Gray 1" to 3" RANGE	Small River Stone Gray 4" depth	4" depth	10	m3
		Sod**	Sod/Grass		2	500 SF/ft sq
		Top soil	Top soil mixed with plants	per planting pit	6	m3
		Top soil	Top soil which areas 3" depth	3" depth	60	m3
		Top soil *	Top soil with 8 depth	8" depth	118	m3
		Mitigaña *	Mitigaña for open zone	varied sizes	8	m3
		Road control*	Road control	18" depth	8	m3
		Weed fabric	Weed fabric	double layer	1388	sq ft
		Tree guard at corner	Tree guard at corner		88	units
		Shade Sail	Shade sail to form single pool, ornamental	unit	4	units
		Tree walking, rail grazing	Tree walking, rail grazing	LF	26	lot
		Palm, shading, rail grazing	Palm, shading, rail grazing	LF	16	lot
		Tree Removal (12" to 18" in)	Tree Removal	unit	4	unit
		Palm Removal (1' to 3' in)	Palm Removal	unit	3	unit

NOTES:

1. Xeriscape is river stone, if applicable, should be in direct over a double layer of weed control fabric.
2. Top soil, mulch, and fertilizer quantities have been estimated and may vary depending on site conditions and project necessities. Contractor must re-calculate.
3. Root control barrier (as specified on planting details page) must be used wherever trees or palms are enclosed by pavement on all sides. Contractor must identify, estimate, and quote root barrier.

ESCAMBRON SKATE PARK

SAN JUAN, PR

LANDSCAPE PLAN SHEET LS-1.2

TYPE	CODE	SCIENTIFIC NAME	COMMON NAME	SPACING	TOTAL	SIZE
TREES						
	Bc	Bucida buceras	OLIVE, OLIVO, BUCIDO, OLIVERO		5	8' x 12 gal / 1.5" cal
	Cb	Coccoloba barbadensis	MAMEDO, BOTIJA / TITTIM, BOTIJO		3	8' x 12 gal / 1.5" cal
	Ta	Tabebuia argentea syn. T. caraiba	ROBLE BLANCO / ou OR, TRUMPET TREE		15	8' x 12 gal / 2.5" cal
	Tc	Tabebuia heterophylla	ROBLE BLANCO / CHERRY, TRUMPET TREE		8	8' / 12 gal / 2.5" cal
	Ig	Igua pinnata aeschynata	COMBOON PALM		9	8' x 12 gal / 2.5" cal
	Tc	Terminalia catappa	NAHAZA, ALMOND / INDIAN TREE		14	8' x 12 gal / 1.5" cal
PALMS						
	Pm	Phoenix roebelenii	DATIL PALM		4	12' cal / 5' grw
	Tc	Tabebuia caraiba	ROBLE BLANCO		3	18', 20', 22' cal
	Wr	Washingtonia robusta	WASHINGTONIA PALM		13	7' cal / 3' grw
SHRUBS						
	Agp	Agapanthus praecox 'Alba'	AGAPANTO	12" oc	66	3 gal
	Cpe	Clitoria ternatea 'Purple'	CORDON DE MONJO	42" oc	93	1.5 gal
	Lcp	Lantana camara 'Irene'	LANTANA 'IRENE'	30" oc	13	3.5 gal
	o	Ornamental grasses	GRAMINEAS	12" oc	28	1.5 gal
	Pm	Pilea microphylla	HIERBA PAJARO / HIERBA DE FUEGO	18" oc	229	3 gal
	Sc	Strelitzia reginae	STRELITZIA	18" oc	80	3 gal
	Ti	Tabebuia impetiginosa	LAPACHO AMARILLO / ROSADO	18" oc	154	3 gal
	Tm	Tradescantia multiflora 'Purpurea'	LIRIOPE MORADO	12" oc	668	1 gal
	Wm	Washingtonia filifera 'Marsha'	MELOCHO, MALAGACHANDO ESTE	30" oc	40	3 gal
	Yg	Yucca gloriosa 'Gold'	PALO PALMA	30" oc	78	3 gal
	Ti	Tradescantia pallida 'purpurea'	MORADO, MORADA	30" oc	85	3 gal
	Tcs	Tradescantia zebrina 'Quadricolor'	MORADO, MORADA	12" oc	227	3 gal
GROUNDCOVER						
SOD						
	Gm	Gravel, marcella, Marella	GRAVA ZOYA MARELA	1 per sq ft	37818	Canon
GRASS						
	Cn	Cynodon dactylon 'Tifway'	CYNODON	24" oc	6	Hydro
SEEDS						
	Ag	Aechis	Mulch 3" depth	3" depth	50	m3
	Rsg	River Stone Gray 3" -4" RANGE	Small River Stone Gray 4" depth	4" depth	2	m3
	Rsg	River Stone Yellow for walking surface (1/2" TO 1" RANGE)	River stone yellow 3" depth	3" depth	2	m3
	Cp	Grass only for drainage (2 to 3)	Grass only for drainage	3" depth	1	m3
		Sod**	Sod/Grass		2	500 SF/ft sq
		Top soil	Top soil mixed with plants	per planting pit	3	m3
		Top soil	Top soil which areas 4" depth	4" depth	40	m3
		Top soil *	Top soil with 7 depth	7" depth	357	m3
		Mitigaña *	Mitigaña for open zone	varied sizes	6	m3
		Road control*	Road control	18" depth	8	m3
		Weed fabric*	Weed fabric	double layer	674	sq ft
		Tree guard at corner	Tree guard at corner		80	units
		Tree walking, rail grazing	Tree walking, rail grazing	LF	3	units
		Tree walking, rail grazing	Tree walking, rail grazing	LF	40	lot
		Palm, shading, rail grazing	Palm, shading, rail grazing	LF	22	lot
		Palm Removal (12" to 18" in)	Palm Removal	unit	4	unit

NOTES:

1. Xeriscape is river stone, if applicable, should be in direct over a double layer of weed control fabric.
2. Top soil, mulch, and fertilizer quantities have been estimated and may vary depending on site conditions and project necessities. Contractor must re-calculate.
3. Root control barrier (as specified on planting details page) must be used wherever trees or palms are enclosed by pavement on all sides. Contractor must identify, estimate, and quote root barrier.

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ARCHITECT'S SEAL



ISTRA HERNANDEZ DE BAUZA
A R C H I T E C T LICENSE NUMBER

CONSULTANT'S SEAL

YO, FRANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO AL DISTRITO QUE SOY LA PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION Y QUE ESTÁN EN CONFORMIDAD CON CODIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 ** ADVG AL 15 DE NOVIEMBRE DE 2018. DISTRITO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 119 DE 15 DE MAYO DE 1958, SEGÚN ENMENDADA; LEY NÚM. 69 DE 6 JULIO DE 1978, SEGÚN ENMENDADAS; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA CUAL

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLANT SCHEDULE

COMPUTER PLOT

THIS DRAWING WAS CREATED ON A CAD SYSTEM ALL CHANGES MADE MANUALLY OR ON ANY OTHER CAD SYSTEM WILL NOT BE CAD. ANY ADDITIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FMR	
2	11/12/23	60% DD	FMR	
3	11/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
36	83

DRAWING NUMBER
LP-2.2

GENERAL NOTES:

1) CONTRACTOR SHALL DISPOSE PROPERLY OF ALL DEBRIS AND SCRAP MATERIAL FROM DEMOLITION WORK ACCORDING TO MUNICIPAL, STATE & FEDERAL REGULATIONS. SEE AND COMPLY AND COMPLY WITH DIVISION 17 FOR HAZARDOUS MATERIALS ABATEMENT REMOVAL & DISPOSAL.

2) CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INFLICTED TO THE PROJECT PROPERTY OR ADJACENT PROPERTIES OR OTHER PROJECT AREAS TO REMAIN DURING THE DEMOLITION AND CONSTRUCTION PHASES. DAMAGED ITEMS SHALL BE RESTORED TO IT'S ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE AND OWNER'S SATISFACTION. DAMAGE TO SUBSTRATE SURFACES DURING REMOVAL PROCEDURES SHALL BE REPAIRED TO OWNER'S SATISFACTION BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.

3) DEMOLITION AND REMOVAL SHALL BE CONDUCTED IN A MANNER THAT ELIMINATES HAZARDS TO PERSONS, THE ENVIRONMENT AND PROPERTY IN THE SURROUNDING AREA. THE CONTRACTOR SHALL PREVENT THE RELEASE OF DUST INTO THE AIR AND SOIL.

4) CONTRACTOR SHALL PROVIDE METAL CONTAINERS OF SUFFICIENT CAPACITY AS TO MAINTAIN THE PROJECT SITE & BUILDINGS FREE OF WASTE AND SCRAP MATERIALS. EVERY AFTERNOON BEFORE FINISHING THE DAY'S WORK HE SHALL COLLECT ALL WASTE MATERIALS AND PLACE THEM IN THE CONTAINERS. AT NO TIME WASTE MATERIAL SHALL BE LEFT UNCOLLECTED FROM ONE DAY TO ANOTHER. ON A MINIMUM WEEKLY BASIS WASTE MATERIALS STORED IN THE METAL CONTAINERS SHALL BE COLLECTED AND DISPOSED OFF ACCORDING TO MUNICIPAL, STATE & FEDERAL REGULATIONS. SEE APPLICABLE DIVISION 17 HAZARDOUS MATERIALS ABATEMENT REQUIREMENTS.

5) THE CONTRACTOR SHALL MAINTAIN STREETS, PARKINGS, SIDEWALKS AND GROUNDS CLEAN AT ALL TIMES. WASHING WITH WATER IS REQUIRED TO PREVENT DUST CONTAMINATION AND HEALTH HAZARDS. WATER CONSUMPTION FOR CLEANING, CAN NOT BE TAKEN FROM PUBLIC FIRE HYDRANTS OR SCHOOL SERVICE.

6) THE CONTRACTOR SHALL SUBMITT, PROCURE AND OBTAIN THE FOLLOWING DOCUMENTS & PERMITS FROM THE ENVIRONMENTAL QUALITY BOARD OF PUERTO RICO IN ORDER TO PROCEED WITH CONTRACT WORK:

A. CONSOLIDATED PERMIT FROM ENVIRONMENTAL QUALITY BOARD
B. SOLID WASTE DISPOSAL (FORM D.S.–3) OR APPLICABLE PER HAZARDOUS OR NON–HAZARDOUS MATERIALS
C. PREPARE AND SUBMITT CES PLAN
D. OTHER REQUIRED BY LAWS AND REGULATION.
E. ANY OTHER REQUIRED PERMIT FOR THE CONTRACT WORK.

NOTE: CONTRACTOR MUST MANTAIN IN FULL FORCE ALL EXISTING PERMITS OBTAINED BY PREVIOUS CONTRACTOR AND / OR SUBMITT AND OBTAIN NEW PERMITS AT HIS OWN COST.

7) THE CONTRACTOR WILL NOTIFY AND OBTAIN PERMIT FROM THE PUBLIC SERVICE COMMISSION PRIOR TO THE EXCAVATION WORK OF THE PROJECT. PERMIT MUST BE SUBMITTED TO THE OWNER AND TO THE PROJECT INSPECTOR BEFORE PROCEEDING WITH ANY EXCAVATION OR DEMOLITION WORK .

8) PRIOR TO PROCEDING WITH LANDSCAPING WORK, CONTRACTOR MUST REQUEST AND OBTAIN FROM THE MUNICIPALITY OF SAN JUAN A PERMIT FOR CUTTING AND PLANTING OF TREES ACCORDING TO THE PLANNING REGULATION NO.25.

9) THE DEMOLITION DRAWINGS ARE INTENDED TO GIVE THE CONTRACTOR A GENERAL SCOPE OF THE DEMOLITION WORK. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL DEMOLITION'S NECESSARY TO PERFORM THE CONSTRUCTION WORK AS DEMONSTRATED IN CONTRACT DRAWINGS AND WRITTEN SPECIFICATIONS, EVEN IF IT IS NOT SPECIFICALLY SHOWN IN THE DEMOLITION DRAWINGS. NO ADDITIONAL COST TO OWNER WILL BE CHARGED FOR DEMOLITION'S NOT SHOWN IN DWGS.

10) UTILITIES AND OR SERVICES (CONSISTING BUT NOT LIMITED TO WATER, SEWER, ELECTRICITY, GAS, CABLE TV, DATA AND TELEPHONE) CAN NOT BE SUSPENDED TO ANY BUILDING OR PROPERTY WHILE CONTRACT WORK IS PERFORMED IN THIS PROJECT. IN ALL SITUATIONS CONTRACTOR SHALL MAKE NECESSARY TEMPORARY CONNECTIONS TO MAINTAIN SERVICES CONNECTED AND OR UTILITIES AT ALL TIME AND AT HIS OWN EXPENSE. PLANNING AND COORDINATION BETWEEN CONTRACTOR AND THE AGENCIES PROVIDING THE UTILITIES AND OR SERVICES ARE HIS SOLE RESPONSIBILITY AND AT HIS OWN COST.

WORK PLAN

THE WORK WILL BE PERFORMED BY A QUALIFIED CONTRACTOR. CONCRETE RECYCLING CAN BE USED ON THIS WORK, BUT NOT ON SITE TO PERFORM ALL DEMOLITION & CONSTRUCTION WORK THE CONTRACTOR WILL ENSURE THE SAFETY OF ITS WORKERS AND OF THE PUBLIC & SURROUNDING AREAS. SAFETY FENCES AND SIGNS WILL BE PROVIDED AS REQUIRED. ALL PERSONNEL WILL USE THE O.S.H.A. REQUIRED PROTECTIVE EQUIPMENT AS REQUIRED BY THE STATE AND FEDERAL REGULATIONS. THE WORK WILL BE PERFORMED FOLLOWING THE STATE AND FEDERAL LAWS CONCERNED AND IN ACCORDANCE WITH THE WORK PLAN.

1) FINAL DISPOSITION OF DEBRIS AND MATERIAL RESULTING FROM DEMOLITION – ALL METALS WILL BE RECYCLED AT APPROVED RECYCLING CENTERS. THE CONTRACTOR WILL TRANSPORT ALL CONCRETE WASTE MATERIAL IN AUTHORIZED TRUCKS AS APPROVED BY "DOT" & THE PUBLIC SERVICE COMMISSION.

2) SAFETY AND HEALTH PLAN – THE CONTRACTOR SHALL PROVIDE A RISK FREE ENVIRONMENT FOR ALL EMPLOYEES AND THEIR SURROUNDING. HE MUST GUARANTEE THE SAFETY AND HEALTH OF ALL EMPLOYEES, SUBCONTRACTORS AND GENERAL PUBLIC SUBMITTING A COMPREHENSIVE SAFETY & HEALTH PLAN FOR A/E APPROVAL.

3) SAFETY MEASURES AND PRECAUTIONS DURING DEMOLITION OR CONSTRUCTION (ALL O.S.H.A. AND E.P.A. UPDATED COMPLIANCES)

A. GENERAL WORK RELATED TO DEMOLITION MUST BE UNDERTAKEN IN CONFORMITY OF THE APPROVED SAFETY PLAN.
B. SAFETY MEETINGS. THE CONTRACTOR WILL PERFORM JOB SITE INSPECTIONS TO CONFIRM ANY POTENTIAL SAFETY HAZARDS. IF A POTENTIAL HAZARD IS FOUND, THE CONTRACTOR. WILL USE THE APPROPRIATE METHODS, EQUIPMENT, DEVICES AND MATERIAL TO ASSURE A SAFE WORKPLACE. SAFETY TOURS AND MEETINGS WILL BE PERFORMED PRIOR TO THE WORK AND WHENEVER NECESSARY TO MAINTAIN A SAFE AND ACCIDENT FREE JOB.
C. THE CONTRACTOR WILL PROVIDE TRAINED AND EXPERIENCED PERSONNEL TO ASSURE A JOB PROPERLY DONE AND SAFE.

D. THE CONTRACTOR WILL BE RESPONSIBLE FOR FIRE PROTECTION IN WORK AND OPERATIONAL AREAS:
   1. NO AREA WILL BE USE FOR THE STORAGE OF COMBUSTIBLE MATERIAL UNLESS IT IS FIRE PROOF
   2. THE CONTRACTOR WILL PROVIDE FIRE EXTINGUISHERS ENTIRE IN THE DEMOLITION OR CONSTRUCTION AREA
   3. ALL HEAVY EQUIPMENT, WELDING MACHINE OR CUTTING EQUIPMENT SHOULD HAVE ITS OWN FIRE EXTINGUISHERS OR HAVE ONE IN A 100 FEET RADIUS FROM IT.
   4. DURING DEMOLITION OR CONSTRUCTION PERIOD FREE ACCESS TO FIRE HYDRANTS, OR OTHER FIRE EXTINGUISHING EQUIPMENT, WILL BE PROVIDED AND MAINTAINED AT ALL TIMES.

E. CLOTHING:
   1. PERSONNEL FROM THE CONTRACTOR WILL BE REQUIRED TO DRESS PROPERLY WHILE PERFORMING THEIR JOB.
   2. EACH WORKER WILL USE APPROPRIATE WORKING SHOES.
   3. PROPER RESPIRATORY PROTECTION WILL BE USE WHEN REQUIRED.
   4. PROPER HAND PROTECTION WILL BE USE WHEN REQUIRED.
   5. PROPER HEARING PROTECTION WILL BE USED IN AREAS WHERE SOUNDS ARE HIGHER THAN 80 DBS.
   6. THE USE OF SAFETY HELMETS IS MANDATORY FOR ALL PERSONNEL ENTERING THE WORKING AREA.
   7. ALL EMPLOYEES WILL WEAR SAFETY BELTS WHEN WORKING TO FEET OR MORE ABOVE THE GROUND OR WHEN WORKING IN A PRECARIOUS POSITION. SAFETY BELTS WILL BE PROPERLY ANCHORED TO FIXED STRUCTURE TO ASSURE THE WORKER SAFETY.
   8. SAFETY GLASSES WITH SIDE SHIELDS WILL BE USED WHENEVER EXPOSED TO FREE PARTICLES.

F. WELDING AND CUTTING
   1. PROTECTIVE SHIELD – WHEN GAS WELDING OR CUTTING IS DONE, ABOVE OR WITHIN A RADIUS OF TEN FEET OF COMBUSTIBLE MATERIAL ABOVE A PLACE WHERE WORKERS ARE EMPLOYED, OR WHERE PERSONS ARE LIKE TO PASS, NON COMBUSTIBLE SHIELD WILL BE INTERPOSED TO PROTECT SUCH MATERIALS OR PERSONS AGAINST SPARKS AND HOT METAL.
   2. GAS AND FUEL DEPOSITS:
      A. FUEL GAS DEPOSITS WILL NOT BE MOVED FROM ONE PLACE TO ANOTHER,NOR WILL THEY BE STORED UNLESS THE CAPS OF SUCH DEPOSITS ARE IN PLACE.
      B. SUITABLE CRADLES WILL BE USED FOR LIFTING OR LOWERING OXYGEN OR FUEL TANKS TO REDUCE TO MINIMUM THE POSSIBILITY OF DROPPING TANKS. ORDINARY ROPE SLINGS WILL NOT BE USED.
      C. TANKS SUPPLYING GAS FOR WELDING OR CUTTING WILL BE LOCATED AT NO GREATER DISTANCE FROM THE WORK AREA THAN NECESSARY FOR SAFETY. SUCH TANKS WILL BE SECURELY FASTENED IN PLACE AND UNLESS UNAVOIDABLE IN UPRIGHT POSITION.
      D. CLOSED SPACES WILL BE VENTILATED PROPERLY WHILE WELDING OR CUTTING IS BEING THEREIN.

G. SIGNS, SIGNALS, BARRICADES
   1. SIGNS, SIGNALS AND BARRICADES WILL BE VISIBLE AT ALL TIMES WHERE A HAZARD EXITS.
   2. PROTECTIVE BARRICADES WILL PROTECT ALL STREETS, ROADS, HIGHWAYS, AND OTHER PUBLIC THOROUGHFARES, WHICH ARE CLOSED TO TRAFFIC, ON WHICH WILL BE PLACED ACCEPTABLE AND HIGHLY VISIBLE WARNING SIGNS.
   3. BARRICADES AND SIGNS WILL BE USED TO MAINTAIN A PROPER AND SAFE WORKING ENVIRONMENT.
   4. CONTRACTOR WILL PROVIDE SAFETY PERSONNEL IN AREAS WHERE DEMOLITION OR CONSTRUCTION WORK IS BEING DONE.

H. HAND AND POWER TOOLS.
   1. ALL HAND AND POWER TOOLS WHETHER FURNISHED BY THE CONTRACTOR OR BY ITS EMPLOYEES, WILL BE MAINTAINED IN SAFE CONDITION.
   2. THE CONTRACTOR WILL NOT ISSUE NOR PERMIT THE USE OF UNSAFE HAND OR POWER TOOLS.
   3. ELECTRICAL POWER TOOLS WILL BE GROUNDED OR DOUBLE INSULATED.
   4. PNEUMATIC POWER TOOLS WILL BE SECURED TO HOSE OR WHIP BY SOME POSITIVE MEANS.
   5. ONLY PROPERLY TRAINED OR EXPERIENCE EMPLOYEES WILL OPERATE POWER – ACTUATED TOOLS.
   6. CYLINDERS WILL BE LABELED AS TO THE NATURE OF THEIR CONTENTS.

I. COMPRESSED GAS CYLINDERS
   1. COMPRESSED GAS CYLINDERS WILL BE SECURED IN AN UPRIGHT POSITION AT ALL TIMES.
   2. WHEN TRANSPORTING, MOVING OR STORING CYLINDERS VALVE PROTECTION CAPS WILL BE IN PLACE AND SECURED.
   3. CYLINDERS WILL BE KEPT AWAY FROM SPARKS, HOT SLAG AND FLAMES, OR BE ADEQUATELY PROTECTED.
   4. CYLINDERS WILL NOT BE PLACED WHERE THEY CAN BECOME PART OF AN ELECTRIC CIRCUIT.
   5. CYLINDERS WILL BE LABELED AS TO THE NATURE OF THEIR CONTENTS.

J. SCAFFOLDS
   1. SCAFFOLDS WILL BE USED IN PRECARIOUS SITUATIONS AND WHEN WORKING ABOVE 10 FEET FROM THE GROUND.
   2. PROPER ANCHORAGE WILL BE USED TO MAINTAIN THE SCAFFOLD AND WORKERS SAFETY.
   3. WORKERS WILL USED THE APPROPRIATE SAFETY BELTS WHEN WORKING ON SCAFFOLDS.
   4. MOBILE SCAFFOLD CASTERS WILL BE SECURED AND LOCKED PRIOR TO MOUNTING.
   5. NO PERSONNEL WILL BE ON A MOBILE SCAFFOLD WHEN IT IS BEING RELOCATED.

K. CRANES AND DERRICKS
   1. ALL CRANES AND DERRICKS WILL BE CERTIFIED AS BEING IN SAFE OPERATING CONDITION PRIOR TO USING THE CRANE OR DERRICK ON THE JOB SITE.
   2. THE CRANE OR DERRICKS WILL HAVE PROPER SAFETY EQUIPMENT AND CERTIFICATIONS FOR THE PROPER USE OF IT.
   3. TRAINED, EXPERIENCED AND QUALIFIED OPERATORS WILL BE USED DEPENDING OF THE SPECIFIC MAKE AND MODEL OF THE CRANE.
   4. THE MANUFACTURE'S OPERATION MANUAL SHALL BE KEPT WITH THE CRANE WHILE IT IS ONSITE.

L. LADDERS
   1. THE USE OF LADDERS WITH BROKEN OR MISSING RUNGS OR STEPS, BROKEN OR SPLIT RAILS OR OTHER DEFECTIVE CONSTRUCTION IS PROHIBITED.
   2 LADDERS WILL EXTEND NO LESS THAN 36 INCHES ABOVE LANDING AND BE SECURED TO PREVENT DISPLACEMENT.
   3. PORTABLE LADDERS WILL BE EQUIPPED WITH SAFETY SHOES.
   4. WOODEN LADDERS WILL NOT BE PAINTED.

M. EQUIPMENT AND MOTOR VEHICLES
   1. ALL EQUIPMENT WILL BE INSPECTED DAILY BEFORE USE.
   2. DEFECTIVE EQUIPMENT WILL BE REPAIRED OR REMOVED FROM SERVICE.

N. DEMOLITION
   1. PROPER DEMOLITION PROCEDURES WILL BE PERFORMED DEPENDING OF THE ITEM TO BE DEMOLISHED.
   2. A DEMOLITION PLAN WILL BE DONE EXPLAINING THE PROCEDURE TO BE USED PRIOR TO THE BEGINNING OF THE WORK.
   3. THE DEMOLITION PLAN WILL INCLUDE THE PROCEDURE REGARDING DUST CONTROL AND DEBRIS REMOVAL ON JOB SITE.

O. DISPOSAL OF WASTE
   1. WASTE MATERIAL, DEBRIS AND RUBBISH WILL NOT BE STORED NOR ALLOWED TO ACCUMULATE WITHIN THE WORK AREA OR IN THE IMMEDIATE VICINITY BUT WILL BE REMOVED FROM THE PREMISES EACH DAY.
   2. STEEL, ALUMINUM AND COPPER WILL BE RECYCLED.
   3. CONCRETE WILL BE RECYCLED WITHOUT ADDITIONAL COST TO OWNER.
   4. ALL OTHER NON–RECYCLABLE MATERIALS WILL BE SENT TO A LAND FILL YARD APPROVED BY THE LOCAL AND STATE LAWS AND REGULATIONS.

5) FIRST AID AND MEDICAL PROCEDURES
A. FIRST AID (MINOR CUTS, SCRATCHES, BRUISES, ETC.)
   1. EACH OCCUPATIONAL ILLNESS OR INJURY WILL BE REPORTED IMMEDIATELY BY THE EMPLOYEE TO THE FOREMAN.
   2. ALL PERSONAL INJURIES AND ILLNESSES (JOB RELATED) TREATED OR REPORTED (ACTUAL OR ALLEGED) WILL BE RECORDED ON DAILY FIRST AID LOG.
   3. FOREMAN OR FIRST AID ATTENDANT WILL TREAT THE INJURED EMPLOYEE AS OFTEN AS NECESSARY TO ENSURE COMPLETE RECOVERY, OR THE DECISION IS MADE TO SEEK MEDICAL TREATMENT.

B. MEDICAL CASES (NOT REQUIRING AMBULANCE SERVICE)
   1. MEDICAL CASES NORMALLY NOT REQUIRING AMBULANCE SERVICES ARE INJURIES SUCH AS MINOR LACERATIONS, EMBEDDED FOREIGN BODIES IN EYE, MINOR SPRAINS, ETC.
   2. THE CONTRACTOR WILL PROVIDE PROPER EQUIPMENT FOR PROMPT TRANSPORTATION OF THE INJURED PERSON TO A PHYSICIAN OR HOSPITAL.

C. EMERGENCY CASES (REQUIRING AMBULANCE SERVICES)
   1. MEDICAL CASES REQUIRING AMBULANCE SERVICES WILL BE SUCH CASES AS SEVERE HEAD INJURIES, AMPUTATIONS, HEART ATTACKS, ETC.
   2. SHOULD AMBULANCE SERVICES BE NECESSARY THE FOLLOWING PROCEDURES WILL BE TAKEN IMMEDIATELY:
      A. CONTACT EMPLOYEE TRAINED IN FIRST AID.
      B. WHILE FIRST AID IS BEING ADMINISTERED CONTACT NECESSARY AMBULANCE SERVICE.
      C. WHILE THE INJURED EMPLOYEE IS BEING TRANSPORTED, THE CONTRACTOR WILL CONTACT THE MEDICAL FACILITY TO BE UTILIZED.
      D. ONE DESIGNATE REPRESENTATIVE WILL ACCOMPANY THE INJURED EMPLOYEE TO THE MEDICAL FACILITY AND REMAIN AT THE FACILITY UNTIL FINAL DIAGNOSIS AND OTHER RELEVANT INFORMATION IS OBTAINED.

GENERAL PROCEDURES:

1. THE CONTRACTOR SHALL EXECUTE AND CERTIFY A THOROUGH VISIT TO THE PROJECT SITE AND BUILDINGS, AND TO FAMILIARIZE WITH ALL THE CONSTRUCTION WORK BEFORE ATTENDING THE PRE–BID MEETING.

2. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGES INFLICTED TO THE OWNER'S OR NEIGHBOR PROPERTY OR OTHER AREAS DURING THE EXECUTION OF THE WORK. HE SHALL REPAIR ANY DAMAGES AT HIS OWN EXPENSE TO OWNER'S SATISFACTION

3. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT ALL SHOP DRAWINGS, PRODUCT LITERATURE AND SAMPLES FOR APPROVAL PRIOR TO COMMENCEMENT OF THE WORK AND NO LATER THAN 90 CALENDAR DAYS AFTER ORDER TO PROCEED. NO SUBSTITUTIONS REQUEST OF MATERIALS WILL BE CONSIDERED WHEN NON–COMPLIANCE OF SUBMITTAL'S DELIVERY TIME IS CAUSING SUCH SUBSTITUTION REQUEST.

4. DRAWINGS ARE NOT TO BE SCALED: SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.

5. ALL MATERIALS AND CONSTRUCTION METHODS USED MUST COMPLY WITH ALL GOVERNING REGULATIONS AS SET FORTH BY THE PUERTO RICO PLANNING BOARD, AND ALL OTHER CONCERNED REGULATORY AGENCIES AND CODES.

6. NEW CONSTRUCTION INCLUDING CONCRETE, MASONRY WOOD, PLASTER, DOORS, FRAMES, AND MISCELLANEOUS UNFINISHED METALS (OTHER THAN STAINLESS STEEL) SHALL BE PAINTED UNLESS OTHERWISE CLEARLY INDICATED ON DRAWING.

7. ALL WOOD MATERIAL WEATHER SOLID OR PLYWOOD SHALL BE PRESSURE TREATED AND KILN DRIED IN ACCORDANCE WITH SPECIFICATIONS.

8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING FIELD CONDITIONS PRIOR TO ACTUAL CONSTRUCTION OR INSTALLATION. IN CASE OF ANY DISCREPANCY WITH THE CONSTRUCTION DOCUMENTS, OR DOUBTS AS TO THE INTERPRETATION OF SAID DOCUMENTS, THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED AND CONSULTED FOR CLARIFICATION PRIOR TO CONSTRUCTION OR INSTALLATION.

9. WHERE QUANTITY OF MATERIALS ARE SHOWN IN CONSTRUCTION DRAWINGS AND OR WRITTEN SPECIFICATIONS, SUCH NUMBER SHALL NOT BE TAKEN AS THE DETERMINED QUANTITY NEEDED FOR THE CONSTRUCTION CONTRACT. THE CONTRACTOR SHALL PROVIDE AND INSTALL THE AMOUNT OF MATERIALS AND/OR EQUIPMENT'S NEEDED TO COMPLETE AND PLACE IN OPERATION ALL THE WORK SHOWN IN THE CONSTRUCTION DRAWINGS AND WRITTEN SPECIFICATIONS, WITHOUT ADDITIONAL COST TO THE OWNER.

10. BEFORE PAINTING WORK, CLEAN FUNGUS AND DARK SPOTS IN WALLS AND CEILINGS WITH AN INDUSTRIAL CHLORINE SOLUTION. (NO METHYLENE–CHLORIDE CONTAINING)

11. REPAIR ALL CRACKS, SCRAPE, PATCH AND/OR REMOVE EXISTING IMPERFECTIONS IN ALL EXTERIOR CEMENT PLASTER WALLS. USE CONCRETE REHABILITATION PRODUCTS EQUAL OR SIMILAR TO TAMS INDUSTRIES, CO., "TAMS THIN PATCH" (PUERTO RICO WIRE PRODUCTS, INC.). FOR CORRECTION OF UNEVEN FINISHES IN EXITING WALLS.

12. APPLY A HIGH QUALITY SURFACE CONDITIONER AT ALL INTERIOR / EXTERIOR CEMENT PLASTER WALLS & CEILINGS BEFORE PAINTING. REFER TO SPECIFICATIONS.

13. PAINT ALL EXTERIOR CEMENT PLASTER SURFACES, FRAMES, DOORS, WINDOW, ETC. AS SPECIFIED. COLORS TO BE SELECTED BY ARCHITECT AS INDICATED IN TECHNICAL SPECIFICATIONS. (NO LEAD–BASED PAINT SHALL BE UTILIZED IN THIS PROJECT.

14. AFTER CONSTRUCTION WORK IS FINISHED THE WHOLE PROJECT SHALL BE PAINTED ACCORDING TO SPECIFICATIONS.

METAL WORK

1. ALL METAL TUBES SHALL BE ELECTRO GALVANIZED STEEL, WELDED.

2. ALL METALS SHALL BE PAINTED ACCORDING TO SECTION 099600 "HIGH PERFORMANCE COATING" OF TECH. SPECS.

3. CONTRACTOR SHALL SUBMIT SHOP–DRAWINGS OF ALL METAL WORKS PRIOR TO FABRICATION FOR ARCHITECTS APPROVAL.

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CLIENT

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GENARAL NOTES

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED IN CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ–BAUZA

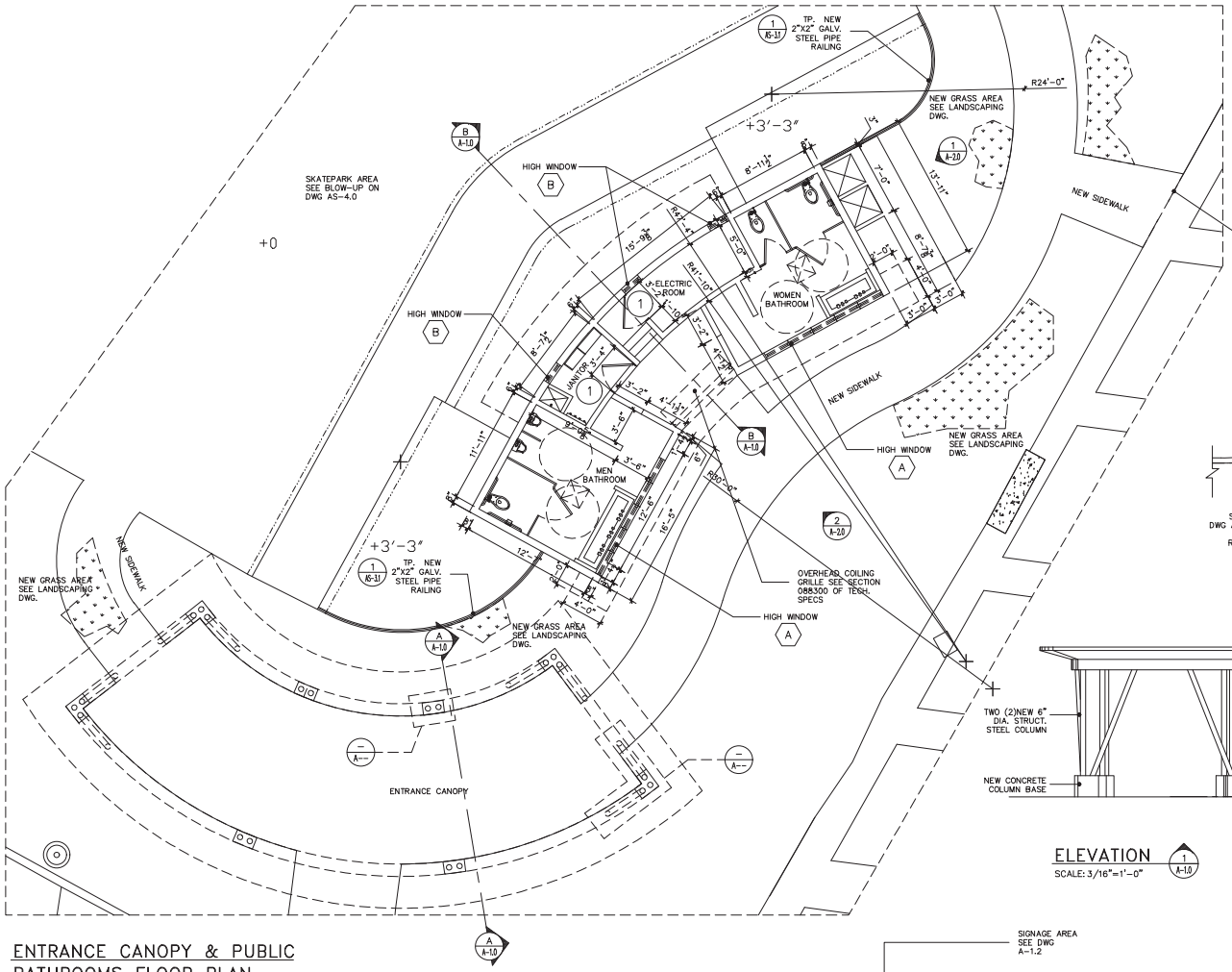
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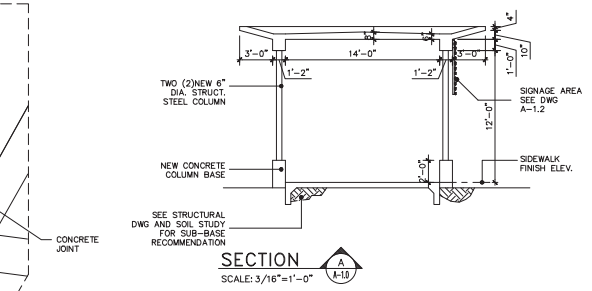
PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

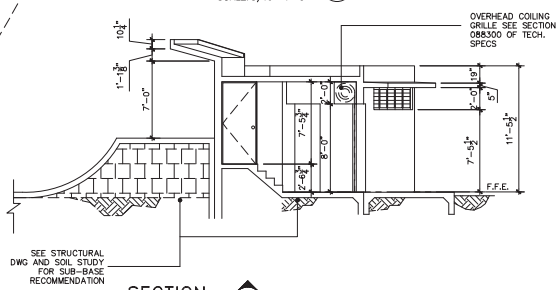
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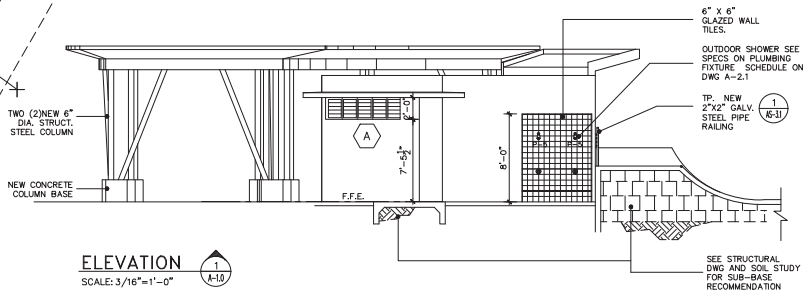




SECTION
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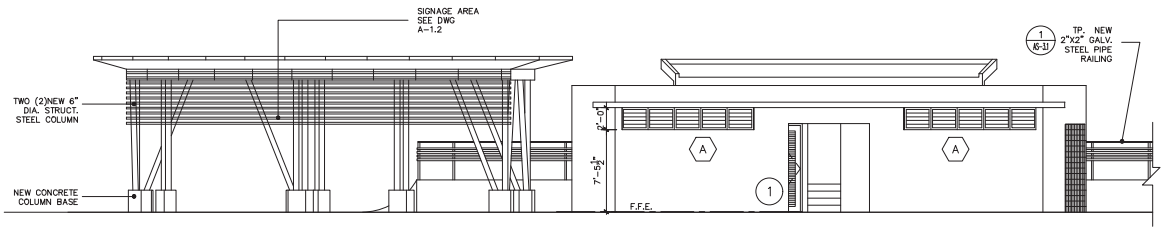
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ELEVATION
SCALE: 3/16"=1'-0"

ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

SCALE: 3/16"=1'-0"



ELEVATION
SCALE: 3/16"=1'-0"

GENERAL NOTES:

1. SEE GENERAL SITE PLAN AND GEOMETRY ON DWG --
2. SEE ROOF PLAN ON DWG A-1.1
3. SEE BATHROOM BLOW-UP ON DWG A-2.0
4. SEE LANDSCAPING ON DWG LS-2.0
5. ALL EXTERIOR BATHROOM FLOOR FINISH SHALL BE TROWELED CONCRETE, LOW WALLS AND/OR CURBS SHALL BE CEMENT PLASTER AND PAINT.

LEGEND:

SYMBOL	DESCRIPTION
	NEW 6" REINF. CONCRETE WALL
	NEW 6" REINF. CONCRETE BLOCK WALL
	NEW DOOR TO BE INSTALLED
	NEW PLUMBING FIXTURES, SEE DWG A--- FOR SCHEDULE
	SECTION ID. SYMBOL
	DETAIL ID. SYMBOL

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ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

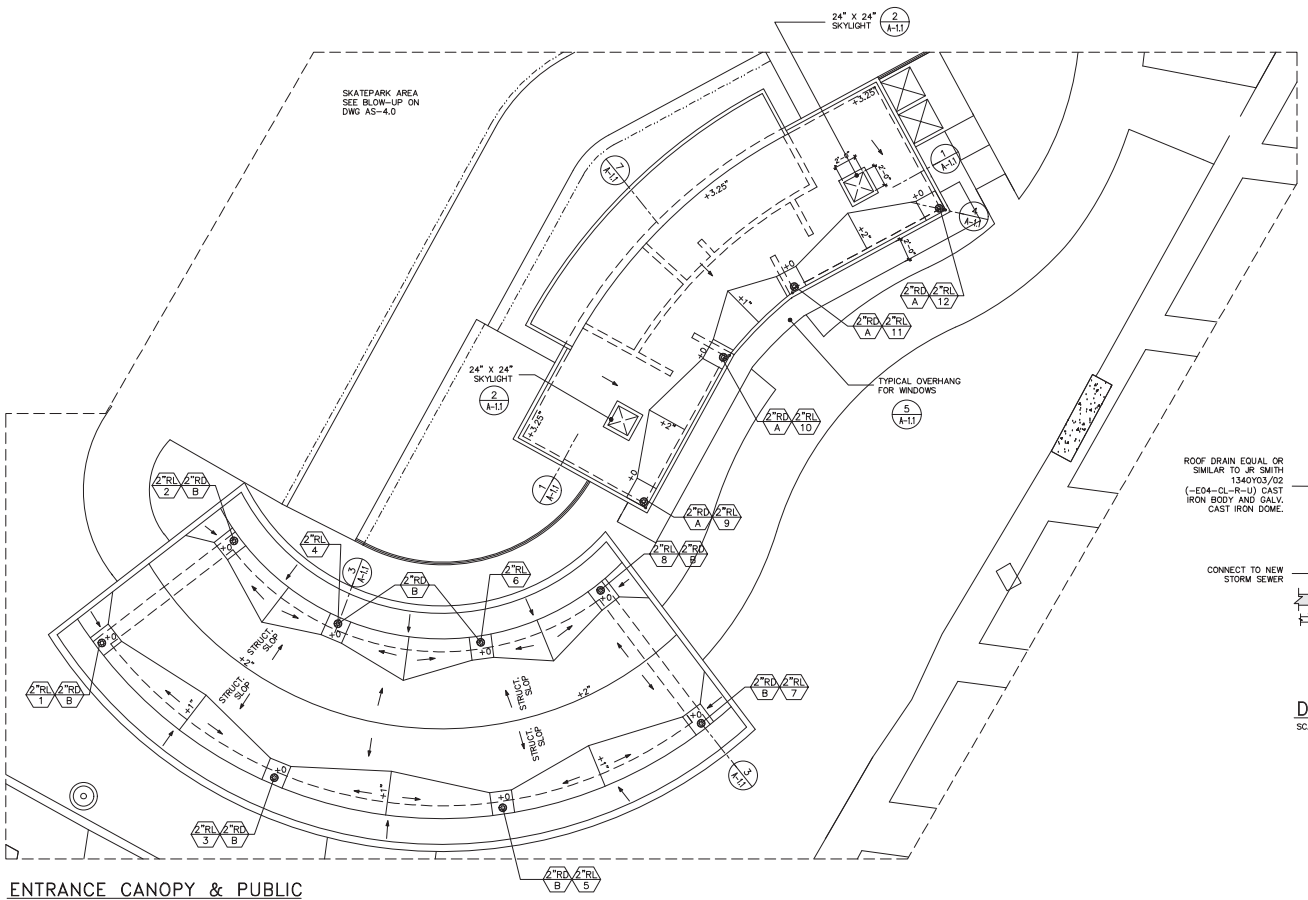
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

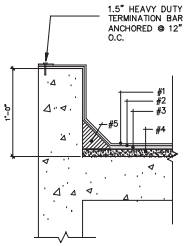
NUMBER 38 TOTAL 83

DRAWING NUMBER
A-1.0



ENTRANCE CANOPY & PUBLIC BATHROOMS ROOF PLAN

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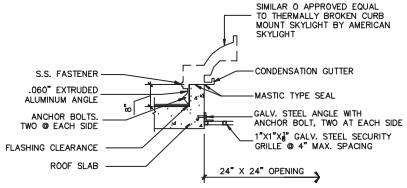


STRUCTURAL STEEL ROOF WATERPROOFING SYSTEM:

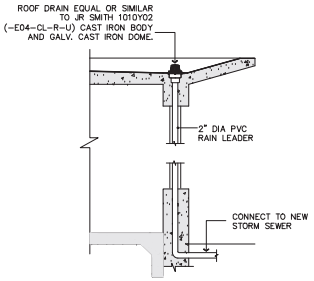
1. SBS MODIFIED BITUMEN FLASHING MEMBRANE W/FIBERGLASS MAT REINFORCEMENT FINISHED W/ALUMINUM CLAD TOP & BURN OFF FILM ON THE BOTTOM SIDE, AND BURN-OFF FILM.
2. SBS MODIFIED BITUMEN MEMBRANE W/POLIESTER MAT REINFORCEMENT.
3. ASPHALT PRIMER COAT
4. LIGHTWEIGHT CONCRETE FOR REQUIRED ROOF SLOPES OF ¼" X FEET
5. TREATED WOOD CANT STRIP 4" X 4".
6. PROVIDE ONE RELIEF VENT EVERY 1000 SF.

SEE SECTION 07-52-00 MODIFIED BITUMINOUS MEMBRANE SYSTEMS OF TECH.SPECS.

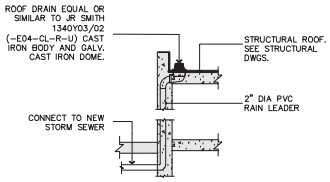
ROOF WATERPROOFING DETAIL 1 A-1.1
SCALE: N.T.S.



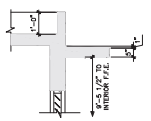
DETAIL 2 A-1.1
SCALE: N.T.S.



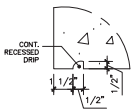
DETAIL 3 A-1.1
SCALE: N.T.S.



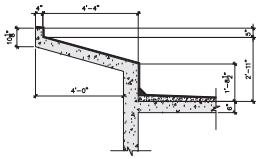
DETAIL 4 A-1.1
SCALE: N.T.S.



DETAIL 5 A-1.1
SCALE: N.T.S.



TYP. RECESSED DRIP DETAIL 6 A-1.1
SCALE: N.T.S.



DETAIL 7 A-1.1
SCALE: N.T.S.

LEGEND:

SYMBOL	DESCRIPTION
RD1 / RL RAIN LEADER	RAIN LEADER ID. SYMBOL
RD1 / RD DRAIN ROOF TYPE	ROOF DRAIN ID. SYMBOL ROOF DRAIN TYPE A: EQUAL OR SIMILAR TO JR SMITH 1340Y03/02 (-E04-CL-R-U). CAST IRON BODY AND GALV. CAST IRON DOME. ROOF DRAIN TYPE B: EQUAL OR SIMILAR TO JR SMITH 1010Y02 (-E04-CL-R-U). CAST IRON BODY AND GALV. CAST IRON DOME.
⊕	DETAIL ID. SYMBOL

HERNANDEZ-BAUZA PSC, ARCHITECTS
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PROJECT
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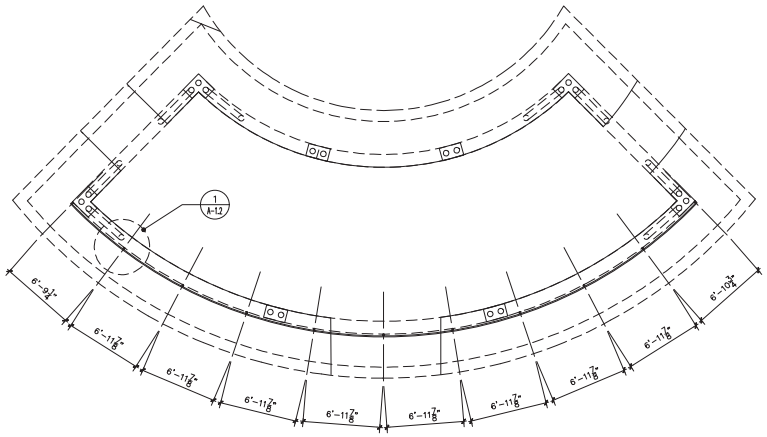
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
39	83

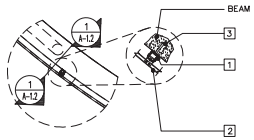
DRAWING NUMBER
A-1.1



LETTERING FLOOR PLAN

SCALE: 3/16"=1'-0"

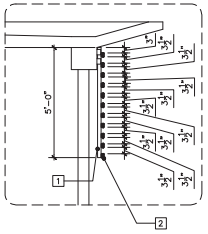
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A-1.2



DETAIL

SCALE: N.T.S.

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A-1.2



SECTION

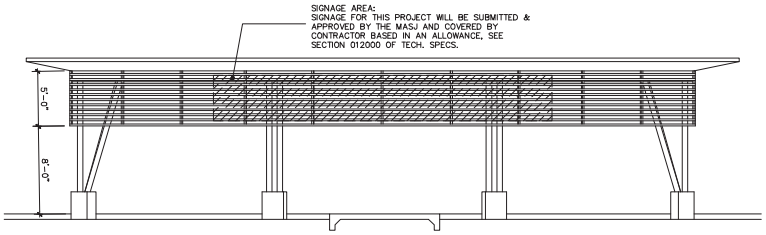
SCALE: 3/16"=1'-0"

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A-1.2

KEY NOTES:

1. STRUCTURAL ALUMINUM TUBES 60.3MM X 60.3MM X 2.4M, SUPPORTS IN INOX SHEET GA 14 WITH INOX SCREWS FINISHED WITH ELECTROSTATIC POLIESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT. COLOR TO BE SELECTED BY ARCHITECT. EQUAL OR APPROVE EQUAL TO DOBLAMOS, S.A., WWW.DOBLAMOS.COM
2. STRUCTURAL ALUMINUM TUBES 15.3MM X 60.3MM X 2.4M, SUPPORTS IN INOX SHEET GA 14 WITH INOX SCREWS FINISHED WITH ELECTROSTATIC POLIESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT. COLOR TO BE SELECTED BY ARCHITECT. EQUAL OR APPROVE EQUAL TO DOBLAMOS, S.A., WWW.DOBLAMOS.COM
3. 4" STAINTESS STEEL ANCHOR BOLTS @ EACH VERTICAL TUBE SUPPORTS
4. LETTERS IN ALUMINUM SHEET GA 14, FINISHED WITH ELECTROSTATIC POLIESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT. COLOR TO BE SELECTED BY ARCHITECT. EQUAL OR APPROVE EQUAL TO DOBLAMOS, S.A., WWW.DOBLAMOS.COM

IMPORTANT NOTE: SYSTEM WILL BE 100% MECHANICAL ASSEMBLED. DETAIL SHOP DRAWING AND MATERIAL SAMPLES MUST BE SUBMITTED FOR ARCHITECT'S APPROVAL.



ELEVATION

SCALE: 3/16"=1'-0"

1
A-1.0

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DRAWING NAME
SIGNAGE AREA AND DETAILS

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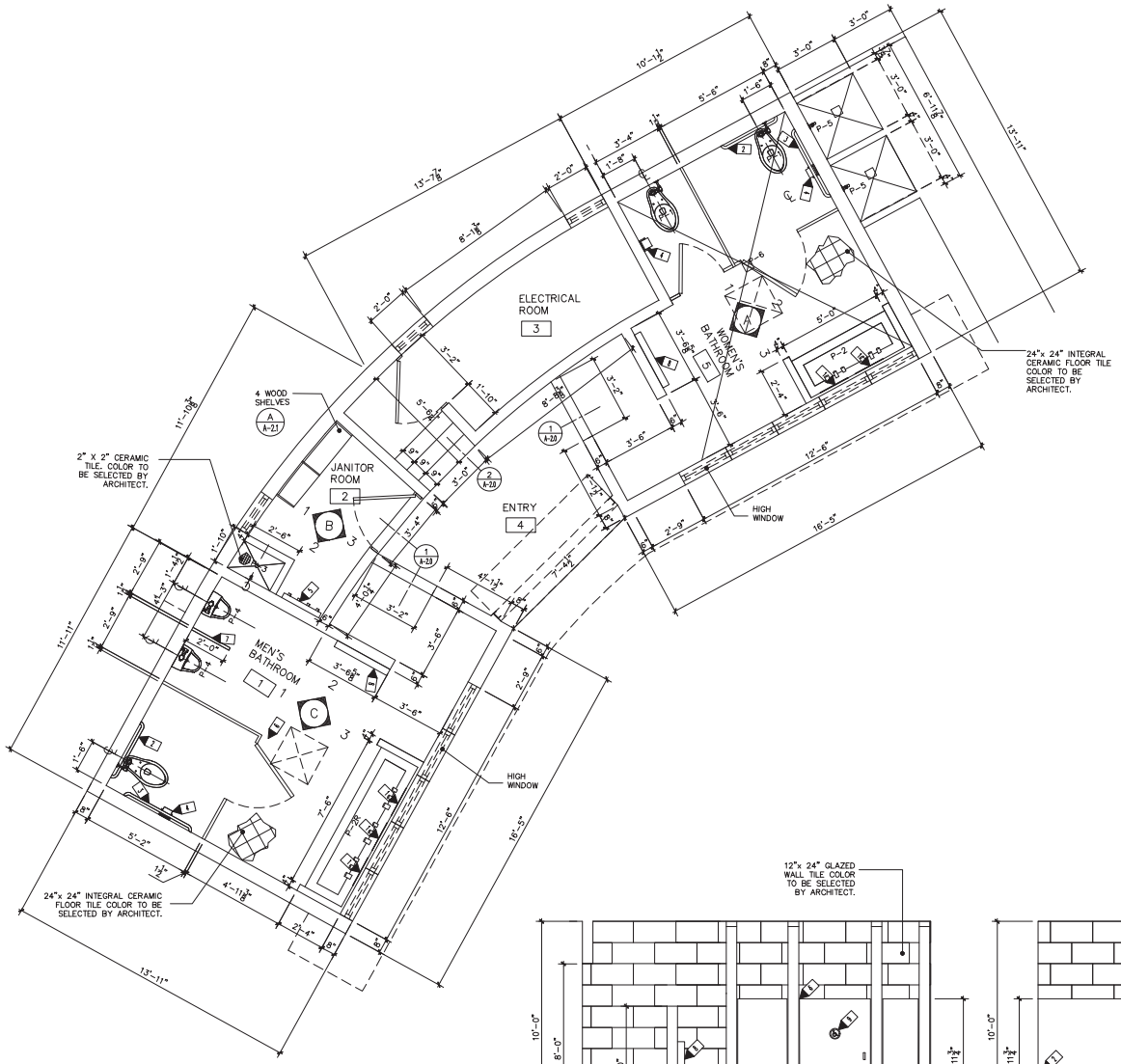
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
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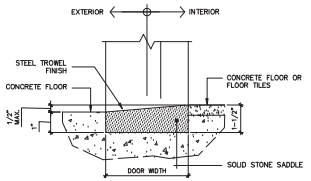
DRAWING NUMBER
A-1.2



BATHROOM BLOW-UP

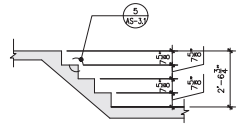
SCALE: 3/8"=1'-0"

BATHROOM FINISHES SCHEDULE								
NO.	LOCATION	WALLS		FLOORS		BASES	CEILING	
		SMOOTH CEM. PLASTER & PAINT	GLAZED CERAMIC TILE	POLISHED CONCRETE WITH SAW CUT JOINT	24"X 24" INTEGRAL PORCELAIN TILES	4" CER. INTEGRAL FLOOR TILE	SMOOTH CEM. PLASTER & PAINT	
1	MEN'S BATHROOM	●	●		●		●	
2	JANITOR ROOM	●	●	●			●	
3	ELECTRIC ROOM	●		●			●	
4	ENTRY	●		●			●	
5	WOMEN'S BATHROOM	●	●		●		●	
							●	



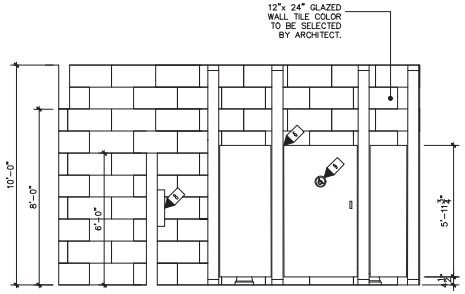
TYP. DOOR SADDLE FOR ENTRANCE DETAIL

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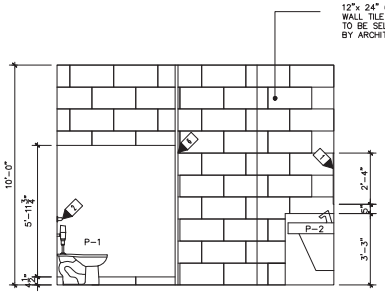
DETAIL

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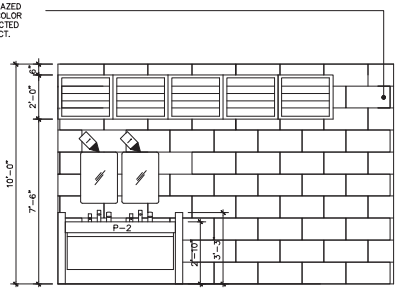
ELEVATION A-1

SCALE: 3/8"=1'-0"



ELEVATION A-2

SCALE: 3/8"=1'-0"



ELEVATION A-3

SCALE: 3/8"=1'-0"

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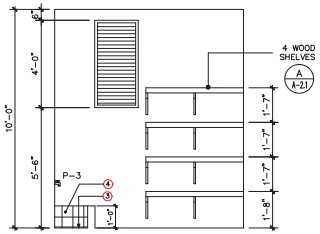
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

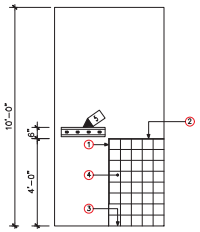
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DRAWING NUMBER
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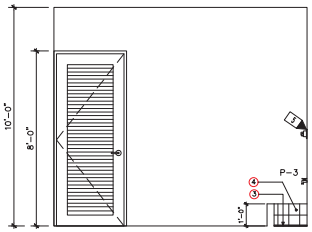
ELEVATION B-1

SCALE: 3/8"=1'-0"



ELEVATION B-2

SCALE: 3/8"=1'-0"

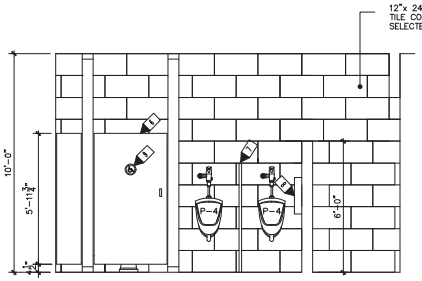


ELEVATION B-3

SCALE: 3/8"=1'-0"

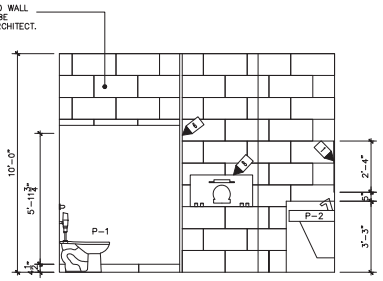
BATHROOM ACCESSORIES		
NUMBER	DESCRIPTION	COMMENTS
1	STAINLESS STEEL MIRROR	NOFER MIRROR CODE 08071.B
2	36" GRAB BAR	BRADLEY GRAB BAR 812 SERIES 001-36
3	42" GRAB BAR	BRADLEY GRAB BAR 812 SERIES 001-42
4	TOILET PAPER DISPENSER	NOFER TOILET PAPER DISPENSER CODE 05004.N
5	MOP AND BROOM HOLDER	BRADLEY HOLDER MODEL 9954
6	BATHROOM CUBICLES	BOBRICK SIERRA SERIES SCRC 1090 MODEL 2096 MAX PRIVACY 71" DOORS & PANELS AND 4 ½" FLOOR CLEARANCE.
7	URINAL PARTITIONS	BRADLEY PRIVACY URINAL PARTITIONS SOLID PHENOLIC CORE
8	BABY CHANGING STATION	NOFER HORIZONTAL BABY CHANGING CODE 09209.W
9	HC SIGN FOR TOILET DOOR	NOFER REDUCED MOBILITY PICTOGRAM CODE 16724.2.S

PLUMBING FIXTURE SCHEDULE		
SYMBOL	FIXTURE	SPECIFICATIONS
P-1	HC TOILET	AMERICAN STANDARD MADERA FLOWISE 16.5" HEIGHT 1.1 GPF FLUSHOMETER TOILET SYSTEM WITH EVERCLEAN SELECTRONIC FLUSH VALVE- MODEL 3461.511 WHITE 10" ROUGH-IN. AMERICAN STANDARD SEAT #5901.100SS HEAVY DUTY OPEN FRONT LESS COVER WITH EVERCLEAN.
P-2	HC LAVATORY	SLOAN AER-DEC INTEGRATED SINK SYSTEM MODEL NO. AD 8200O. PRODUCT TO BE FABRICATED OUT OF CORIAN OR QUARTZ. SUPPLIED WITH SLOAN DECK MOUNTED HAND DRYER EHD-510, SLOAN AUTOMATED SENSOR FAUCET EFX SERIES AND SLOAN SENSOR OPERATED FOAM SOAP DISPENSER ESD-400 OR ESD-500. SINK DESIGN TO BE ADA COMPLIANT. SUPPLIED WITH ENCLOSURE.
P-2R	HC LAVATORY	SLOAN AER-DEC INTEGRATED SINK SYSTEM MODEL NO. AD 8X000. PRODUCT TO BE FABRICATED OUT OF CORIAN OR QUARTZ. SUPPLIED WITH SLOAN DECK MOUNTED HAND DRYER EHD-510, SLOAN AUTOMATED SENSOR FAUCET EFX SERIES AND SLOAN SENSOR OPERATED FOAM SOAP DISPENSER ESD-400 OR ESD-500. SINK DESIGN TO BE ADA COMPLIANT. SUPPLIED WITH ENCLOSURE.
P-3	JANITOR HOSE BIB	ONE (1) BRASS. BALL VALVE HOSE BIB BY CHAMPION ARROWHEAD, 3/4" MIP MODEL 302BV WITH ADA APPROVED S/S VINYL GRIP HANDLES. ZURN LIGHT COMMERCIAL FD2211-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"x 5" WITH S/S VANDAL PROOF SCREWS
P-4	URINAL	AMERICAN STANDARD DECORUM .0125 GPF TOP SPUD HIGH EFFICIENCY WHITE URINAL SYSTEM MODEL 6042.633 WITH SELECTRONIC FLUSH VALVE MODEL 6063.013.002
P-5	OUTDOOR SHOWER	OUTDOOR SHOWER COMPANY WALL MOUNT SINGLE SUPPLY WMFS-442-ADA-SS STAINLESS STEEL ADA METERED PUSH VALVE ZURN LIGHT COMMERCIAL FD2211-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"x 5" WITH S/S VANDAL PROOF SCREWS
P-6	FLOOR DRAIN	ZURN LIGHT COMMERCIAL FD2211-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"x 5" WITH S/S VANDAL PROOF SCREWS



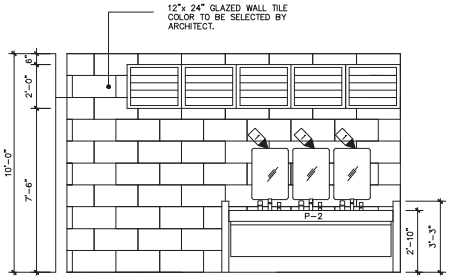
ELEVATION C-1

SCALE: 3/8"=1'-0"



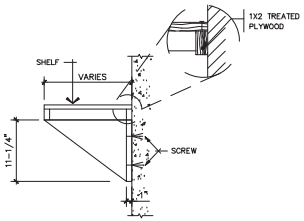
ELEVATION C-2

SCALE: 3/8"=1'-0"



ELEVATION C-3

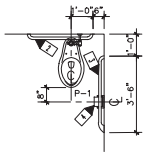
SCALE: 3/8"=1'-0"



TYPICAL SHELF SUPPORT DETAIL

SCALE: 1/4"=1'-0"

A
A-2.1



JANITOR TILE LEGEND

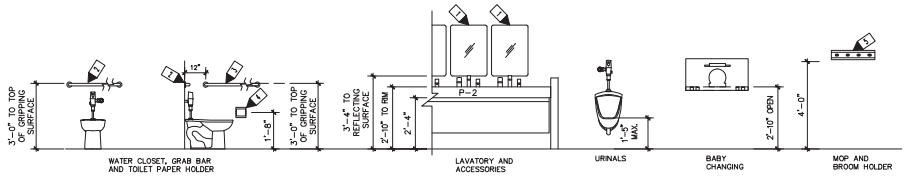
① 6"x 6" GLAZED TILE, DOUBLE BULL-NOSE.

② 6"x 6" GLAZED TILE, SINGLE BULL-NOSE.

③ 6"x 6" GLAZED TILE, SANITARY COVE

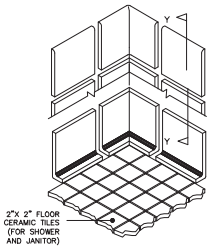
④ 6" X 6" GLAZED WALL TILES.

-SEE SEC. 09 30 00 OF TECH. SPECS. FOR TILE SPECS.



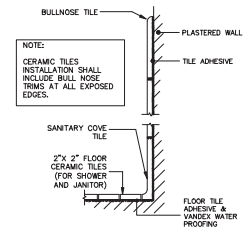
TYPICAL BATHROOM EQUIPMENT – MOUNTING HEIGHT

SCALE: 1/2"=1'-0"



SANITARY BULLNOSE & COVE BOTTOM CORNER INSTALLATION (EXPLODED)

SCALE: N.T.S.



SECTION "Y"

SCALE: N.T.S.

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ARCHITECT LICENSE NO.7309

CONSULTANT'S SEAL

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

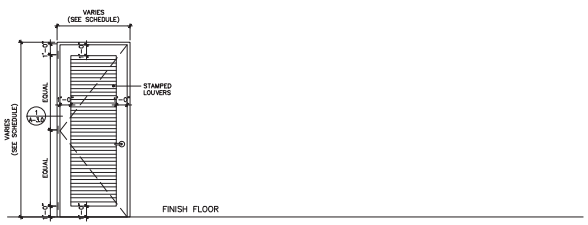
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

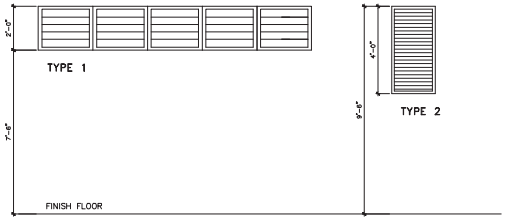
NUMBER 42 TOTAL 83

DRAWING NUMBER
A-2.1



TYPE "A"

STEEL FLUSH DOOR WITH VANDAL PREPARATION. SEE DETAIL.
SPECIAL HARWARE:
DOOR CLOSER.



DOOR SCHEDULE FOR BATHROOM AREA

NUM.	OPENING	TYPE	FRAME	COMMENTS	HARDWARE SET NUM.
				SEE DOOR	
1	3'-4"x 8'-0"	A	2 x 6	TYPE NOTES	1
2	3'-0"x 7'-5 1/2"	A	2 x 6		1

DOOR NOTES:

1– CONTRACTOR SHALL SUBMIT HARDWARE SCHEDULE WITH THE HARDWARE SUBMITTAL FOR ARCHITECT'S APPROVAL.

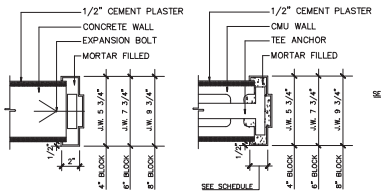
2– FOR HARDWARE TYPE IN ALL BUILDINGS, SEE TECHNICAL SPECIFICATIONS, SECTION 08–71–00

WINDOW SCHEDULE FOR BATHROOM AREA

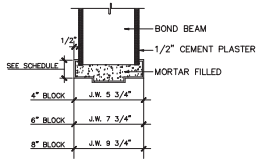
NUM.	OPENING	TYPE	WINDOW TYPE	FINISH	FRAME
A	12'-0"x 2'-0"	1		WHITE ENAMEL	ALUM.
B	2'-0"x 4'-0"	3	LOUVER	WHITE ENAMEL	ALUM.

NOTES:

1. WINDOWS TYPE 1 WILL BE SECURITY WINDOWS WITH INTEGRATED HURRICANE SHUTTERS WITH 3" SLATS, ASSEMBLED WITH STAINLESS STEEL SCREWS. WINDOW POWDER PAINT COLOR TO BE SELECTED BY ARCHITECT. MUST BE COMPLY WITH MIAMI–DALE NOA CERTIFICATION



METAL JAMB DETAIL 1/A-3.0
SCALE: NTS



METAL HEAD DETAIL 2/A-3.0
SCALE: NTS

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OWNER
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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PUBLIC BATHROOM DOOR AND WINDOWS SCHEDULE AND DETAILS

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ–BAUZA

NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
43	83

DRAWING NUMBER
A–3.0

STRUCTURAL NOTES :

GENERAL:

1- UNLESS OTHERWISE INDICATED, THESE NOTES APPLY TO ALL STRUCTURAL DRAWINGS OF THIS SET OF PLANS.

2- IN CASE OF DISCREPANCY BETWEEN THESE NOTES AND THE CONSTRUCTION DRAWINGS, SPECIFICATIONS OR ANY REFERRED STANDARD, THE MORE RESTRICTIVE PROVISION SHALL APPLY.

3- STRUCTURAL DRAWINGS SHALL BE COORDINATED AND SUPPLEMENTED BY ARCHITECTURAL, ELECTRICAL, MECHANICAL AND ANY OTHER BUILDING DRAWINGS.

4- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND BEFORE ORDERING ANY MATERIAL. DIFFERENCES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF ENGINEER AND NO ACTION SHALL BE TAKEN UNTIL APPROVED BY ENGINEER.

5- CONTRACTOR SHALL SUBMIT FOR APPROVAL ANY DETAIL OR DIMENSION THAT IS OMITTED OR NOT SPECIFICALLY SHOWN ON PLANS.

6- CONTRACTOR SHALL PROTECT ALL PROPERTY FROM DAMAGE. ANY DAMAGED PROPERTY SHALL BE PROMPTLY REPLACED BY EQUAL AND/OR BETTER QUALITY.

7- ALL CONSTRUCTION, DEMOLITION AND / OR EXCAVATION WORK SHALL BE PERFORMED IN SUCH A WAY AS NOT TO IMPAIR THE SAFETY OF ADJOINING EXISTING STRUCTURES.

8- ALL SOIL BELOW NEW FOOTINGS SHALL BE COMPACTED IN 8 INCHES THICK LAYERS AND EACH LAYER SHALL BE COMPACTED TO 95 % OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM SPECIFICATION D-1557.)(IF APPLICABLE FOR THIS PROJECT)

9- QUALITY OF FILL MATERIAL SHALL BE SUBMITTED TO OWNER FOR APPROVAL

REINFORCED CONCRETE:

1- ALL AGGREGATES SHALL COMPLY WITH ASTM SPECIFICATION C-33. CEMENT SHALL COMPLY WITH ASTM SPECIFICATION C-150. MAXIMUM SIZE OF COURSE AGGREGATES SHALL BE 3/4 INCH. MANUFACTURED AGGREGATES FROM WATER SOLUBLE MATERIALS WILL BE PERMITTED.

2- FORM WORKS SHALL BE CONSTRUCTED SO THAT THE CONCRETE SURFACES WILL CONFORM TO THE TOLERANCE LIMITS SET FORTH IN CHAPTER 4 OF THE "SPECIFICATIONS FOR STRUCTURAL MEMBERS FOR BUILDINGS" (ACI 301).

3- ALL DIMENSIONS SHOWN ARE STRUCTURAL AND DO NOT INCLUDE THICKNESS OF PLASTER OR ANY OTHER CONCRETE FINISH.

4- CONSTRUCTION LOADS SHALL NOT BE SUPPORTED ON, OR ANY SHORING REMOVED FROM ANY PART OF THE STRUCTURE UNDER CONSTRUCTION EXCEPT THAT PORTION OF THE STRUCTURE IN COMBINATION WITH THE REMAINING FORMING AND SHORING SYSTEM HAS SUFFICIENT STRENGTH TO SUPPORT SAFELY IT'S WEIGHT AND LOADS PLACED THEREON TIME FOR REMOVING CONCRETE FORMS AND SHORING IN BEAMS, SLABS AND STAIRWAYS SHALL BE TWO WEEKS. FOR WALLS 5 DAYS.

5- PROVIDE A POLYETHYLENE VAPOR BARRIER MEMBRANE UNDER ALL CONCRETE POURED AGAINST THE SOIL. UNLESS OTHERWISE INDICATED ON PLANS, VAPOR BARRIER SHALL BE EQUAL OR SIMILAR TO GRIFFOLYN TYPE-65. (IF APPLICABLE FIR THIS PROJECT)

6- REINFORCING BARS BE GRADE 60 HIGH STRENGTH DEFORMED NEW BILLET STEEL MEETING ASTM SPECIFICATION A-615 (LATEST).

7- UNLESS OTHERWISE SHOWN, MINIMUM REBAR SPLICE BE 24 INCH. FOR #3 BARS, 30 INCH., FOR #4 BARS, 36 INCH. FOR #5 BARS, 45 INCH. FOR #6 BARS, 63 INCH. FOR #7 BARS, 72 INCH. FOR #8 BARS, 80 INCH. FOR #9 BARS.

8- NO REBAR SPICE SHALL BE MADE AT OR NEAR REGIONS OF MAXIMUM STRESS AND NO MORE THAN 50 % OF REBARS SHALL BE SPLICED AT ANY LOCATION.

9- CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-LATEST), INCLUDING SUPPLEMENTS. AND SHALL COMPLY WITH ALL LOCAL LAWS AND ORDINANCES. WHERE CONFLICTING REQUIREMENTS OCCUR, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

10- CONCRETE DESIGN IS BASED ON THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-LATEST), INCLUDING SUPPLEMENT.

11- REFERENCE SPECIFICATION AND CODES:
(A) EARTHWORK SPEC NO. 03000. (IF APPLICABLE FOR THIS PROJECT)
(B) CAST-IN PLACE CONCRETE SPEC NO. 03-300

12- ALL CONCRETE SHALL BE NORMAL WEIGHT, UNLESS NOTED, HAVING A MINIMUM COMPRESSIVE STRENGTH OF F'C = 4,000 PSI AT 28 DAYS, WATER CEMENT RATIO MINIMUM = 0.55. CONCRETE MIX DESIGN SHALL INCLUDE CORROSION INHIBITOR & SHRINKAGE ADMIXTURES. MAXIMUM WATER SOLUBLE CHLORIDE ION CONTENT (CT)=0.15% BY WEIGHT. USE OF SLAG CEMENT IS APPROVED.

13- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 (FY-60 KSI). CONTRACTOR SUPPLY WILL CERTIFICATES OF ALL STEEL MATERIALS. ALL STEEL BARS SHALL BE EPOXY COATED ACCORDING WITH ASTM A775 OR A934.

14- CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS:
- CAST AGAINST AND PERMANETLY EXPOSEDE TO EARTH: 3" (IF APPLICABLE FOT HIS PROJECT)
- #6 BARS AND LARGER: 2"
- #5 BARS AND SMALLER: 2"
- NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND SLAB AND WALLS: 1 1/2"
- BEAMS, GIRDERS, COLUMNS: 2"

15- (IF APPLICABLE FOR THIS PROJECT)
(A) DEPRESSED SLABS SHALL MAINTAIN FULL THICKNESS UNLESS NOTED. SEE TYPICAL DETAILS.
(B) ALL DIMENSIONS AND LOCATIONS OF FLOOR DEPRESSIONS SHALL BE VERIFIED FROM ARCHITECTURAL DRAWINGS BEFORE PLACING SLABS.

16- CONTRACTION AND CONTRACTION JOINTS IN SLABS ON GRADE SHALL BE LOCATED AND CONSTRUCTED AS DETAILED ON THE DRAWINGS.

17- ALL SLEEVES, SLOTS AND OTHER EMBEDDED AND UNDER SLAB ITEMS SHALL BE SET BEFORE CONCRETE IS PLACED, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND VENDOR'S DRAWINGS FOR SIZES AND LOCATIONS

18- ALL TOP BARS AT DISCONTINUOUS ENDS SHALL BE HOOKED.

19- ALL BAR SPLICES SHALL BE CLASS C LAP SPLICES, UNLESS NOTED.

20- ALL BEARING PLATES SHALL BE SET WITH NON-SHRINK GROUT.

21- ALL EXPOSED EXTERNAL CORNERS OF CONCRETE SHALL HAVE A 3/4" x 45 DEGREES CHAMFER, UNLESS NOTED.

22- SHOP DRAWINGS FOR REBARS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.

23- OPENINGS IN CONCRETE WALLS SHALL BE REINFORCED AROUND PERIMETER WITH 2 #5 AND EXTENDING 2'-0" BEYOND CORNERS.

24- ALL WALLS AND PEDESTALS SHALL BE PLACED MONOLITHICALLY.

25- (IF APPLICABLE FOR THIS PROJECT)
(A) BACK FILLING AT FOUNDATION WALLS AND PEDESTALS SHALL BE PLACED SUCH THAT SYMMETRICAL LOADING SHALL BE MAINTAINED ON BOTH SIDES.
(B) WHERE DESIGN CONDITIONS REQUIRE BACK FILLING EACH SIDE TO UNEQUAL HEIGHTS, WALLS SHALL BE FIRMLY SHORED IN POSITION, AND SHORES SHALL REMAIN UNTIL FLOORS ARE PLACED AND PROPERLY SET TO PROVIDE FULL SUPPORT.
(C) BACK FILLING AT CANTILEVER WALLS SHALL NOT BE STARTED UNTIL THE WALLS HAVE ATTAINED THEIR MINIMUM 28-DAY COMPRESSIVE STRENGTH.

26- (IF APPLICABLE FOR THIS PROJECT) CONSTRUCTION JOINTS IN FOUNDATION WALL SHALL BE PLACED AT MID SPAN BETWEEN COLUMNS. BEAMS, OR SLABS, UNLESS NOTED.

27- ALL PIPE PENETRATIONS THROUGH FOUNDATION WALLS SHALL HAVE PIPE SLEEVES PROVIDED, WHICH SHALL BE SET BEFORE CONCRETE IS PLACED. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZES AND LOCATIONS.

28- WALLS, WHERE DOOR OPENINGS OCCUR. BARS SHALL EXTEND 2'-0" BEYOND EDGE OF OPENING. (IF APPLICABLE FOR THIS PROJECT)

29- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ANY REQUIRED NEEDLING, SHORING, OR BRACING OF EXISTING STRUCTURES.

30- ANY CONDITIONS WHICH REQUIRE UNDERPINNING SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, WHO WILL PROVIDE DESIGN/CONS-TRUCTION DIRECTION TO THE CONTRACTOR.

31- FOUNDATION CONCRETE PADS SHALL INCLUDE SETTING OF COLUMN ANCHOR OR EXPANSIONS SUPPLIED BY THE STRUCTURAL STEEL CONTRACTOR.

32- ALL ELEVATIONS ARE GIVEN WITH RESPECT TO FINISH FIRST FLOOR DATUM ELEVATIONS (REF. EL. 0'-0")

33- IF BOTTOM OF ANY FOUNDATION IS NOT AT LEAST 3'-0" BELOW THE EXISTING GROUND ELEVATIONS THE CONTRACTOR SHALL NOTIFY ENGINEER AND / OR SOIL CONSULTANT.

34- FOR STRUCTURAL EXCAVATION AND BACK FILL REQUIREMENTS SEE SOILS REPORT #5089-B DATED ON JANUARY 18 2022 MENTIONED IN NOTE NO. 16. (DOES NOT APPLY FOR THIS PROJECT)

35- SOIL WILL BE TREATED FOR TERMITES & INSECTS PRIOR TO CONCRETE POUR.

36- GENERAL CONTRACTOR SHALL BEWARE TO HAVE AT LEAST 2,000 PSF BEARING CAPACITY. PRESENCE OF A LICENSED GEOTECHNICAL ENGINEER IS RECOMMENDED DURING EARTHWORKS BEFORE TO POUR CONCRETE FOOTING. SOIL STUDY PREPARED BY LAW ENVIRONMENTAL CARIBE PROJECT # 20905-0-0043.

STRUCTURAL STEEL:

1- STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
STEEL TUBES ..... ASTM 500, GRADE B, Fy = 46 KSI
W SHAPES ..... ASTM 572, GRADE 50, Fy = 50 KSI
ANY OTHER MISCELLANEOUS STRUCTURAL STEEL ..... ASTM A36, Fy = 36 KSI

2- CONTRACTOR SHALL SUPPLY, ASSEMBLY AND CONSTRUCT ALL STEEL ELEMENTS CALLED FOR IN THE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL ALSO SUBMIT FOR APPROVAL SHOP DRAWINGS OF ALL STRUCTURAL STEEL, JOINT PLATES, INSERTS AND FITTINGS BEFORE ORDERING IT.

3- THE REVIEW OF SHOP DRAWINGS BY THE ENGINEER SHALL IN NO CASE RELIEVE CONTRACTOR OF RESPONSIBILITIES FOR ERRORS, OMISSIONS, FURNISHINGS OF UNSUITABLE MATERIALS AND TIME DELAYS ARISING DIRECTLY FROM A DIVERTION FROM PLANS AND SPECIFICATIONS BROUGHT BY THE CONTRACTOR IN THE SHOP DRAWINGS.

4- WELDED SPLICES OF STRUCTURAL SECTIONS MAY BE PERMITTED IF APPROVED BY ENGINEER, CONTRACTOR SHALL OBTAIN THE SECTIONS IN LENGTHS THAT WOULD MINIMIZE THE NUMBER OF SPLICES.

5- ALL WELD WORKS SHALL BE PERFORMED BY SKILLED AND PROPERLY CERTIFIED WELDER, BEARING THE PUERTO RICO WELDER BOARD LICENSE.

6- CONNECTIONS, WHEN NOT SHOWN ON PLANS, SHALL BE DESIGNED TO TRANSMIT THE MAXIMUM STRESS ALLOWED FOR THE CONNECTED MEMBERS.

7- THE ERECTION OF STRUCTURAL STEEL ELEMENTS SHALL STRICTLY FOLLOW SECTION 7 OF THE AISC "CODE OF STANDARD PRACTICE".

8- DIMENSIONS OF STRUCTURAL STEEL ELEMENTS SHALL BE WITHIN THE DIMENSIONAL TOLERANCES SET FOR FORTH IN SECTION 6 OF THE CODE OF STANDARD PRACTICE OF THE AISC MANUAL OF STEEL CONSTRUCTION.

9- NO LOADS SHALL BE PLACED OVER ANY STEEL STRUCTURE UNTIL ALL STUDS, PURLINS, BEAMS, STEEL JOIST AND COLUMNS ARE PROPERLY BRACED.

10- ENGINEERED COATING AND PAINTING FOR STEEL TOWERS, SEE PAINT SPECIFICATIONS PREPARED BY ARCHITECT OF RECORD CONSULTANT (FLORIDA PROTECTIVE CONSULTANTS INC.)

11- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION 14th EDITION AND IBC CODE, LATEST.

12- MATERIAL SHALL MEET THE REQUIREMENTS OF THE FOLLOWING (UNO):
ALL STRUCTURAL STEEL SHALL BE U.S. MADE
STRUCTURAL STEEL - STRUCTURAL SHAPES A 572-GRADE 50.
HIGH STRENGTH BOLTS - 3/4" DIA. MIN. ASTM A325N
WELDING - E70XX ELECTRODES PER AWS D1.1 SPECS
STEEL PLATES- ASTM A-36.

13- ALL SHOP CONNECTIONS SHALL BE MADE WITH WELDS OR HIGH STRENGTH BOLTS. ALL FIELD CONNECTIONS SHALL BE BOLTED. STANDARD FRAMED CONNECTIONS SHALL BE USED AS SHOWN IN TABLE II PART 4 OF AISC MANUAL OF STEEL CONSTRUCTION (UNO) ALL BEAMS SHALL RECEIVE MAXIMUM NUMBER OF ROWS OF BOLTS FOR BEAM DEPTH.

14- ALL WELDING SHALL CONFORM TO THE CURRENT SPECIFICATIONS OF THE AMERICAN WELDING SOCIETY, AND SHALL COMPLY WITH ALL LOCAL LAWS AND ORDINANCES. WELDING ELECTRODES SHALL BE E-70 SERIES.

15- CONNECTIONS:
(A) ALL CONNECTIONS SHALL BE FRAMED BEAM CONNECTION CONFORMING TO THE REQUIREMENTS OF PART 4 OF THE AISC MANUAL, TABLE II & III UNLESS OTHERWISE NOTED.
(B) ALL BOLTED CONNECTIONS SHALL BE MADE WITHHIGH STRENGTH BOLTS. UNLESS OTHERWISE NOTED, CONNECTIONS SHALL BE "BEARING TYPE" WITH ALLOWABLE STRESS ON BOLTS BASED ON THREADS INCLUDED IN THE SHEAR PLANE.
(C) ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO PROVIDE AT LEAST THE MINIMUM TENSION SHOWN IN TABLE 3, FASTENER TENSION, OF THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325, UNLESS NOTED.
(D) SEATED CONNECTIONS WILL NOT BE PERMITTED UNLESS SHOWN ON THE DRAWINGS.

16- THE CONTRACTOR SHALL SUPPLY ALL TEMPORARY BRACING REQUIRED TO MAINTAIN PLUMBNESS AND STABILITY DURING ERECTION. BRACING SHALL NOT BE REMOVED UNTIL ALL PERMANENT BRACING HAS BEEN INSTALLED, ALL WELDING HAS BEEN COMPLETED, ALL BOLTS HAVE BEEN PROPERLY TIGHTENED, AND TOP SUPPORTING ROOF DECK AND CONCRETE FLOOR SLAB HAVE BEEN PROPERLY PLACED.

17- NO OPENINGS SHALL BE CUT IN STRUCTURAL MEMBERS UNLESS SHOWN ON THE DRAWINGS, OR APPROVAL IS RECEIVED FORM THE ENGINEER.

18- ALL ELEVATIONS ARE GIVEN WITH RESPECT TO FINISH FIRST FLOOR DATUM ELEVATION: (REF. ELEV. 0'-0")

19- PROVISIONS FOR DETAILS NOT SPECIFICALLY DRAWN SHALL BE MADE BY THE CONTRACTOR IN ACCORDANCE AISC SPECIFICATIONS AND CLARIFIED WITH THE DESIGNER.

20- MINIMUM METAL THICKNESS FOR ALL CONNECTIONS, STIFFENER PLATES ETC., SHALL BE 3/8".

21- WORKING POINTS FOR VERTICAL BRACING SHALL BE AT INTERSECTION OF CENTERLINE OF COLUMN AND CENTERLINE OF BEAMS (U.N.O.) ON DWGS.

22- STAIRWAY AND PLATFORMS SHALL COMPLY WITH THE DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH STANDARDS AND ALL APPLICABLE LOCAL AND STATE CODES.

23- GRATING WHEN APPLICABLE, SHALL BE ALL WELDED OPEN CONSTRUCTION, WITH 1 1/4" x 3/16" BEARING BARS ON 1 3/16" O.C. (U.N.O.). GRATING SHALL BE SECURED TO SUPPORTING MEMBERS WITH SADDLE CLIPS, PROVIDE 2" CLEARANCE AROUND ALL EQUIPMENT, TANKS, ETC., THAT PENETRATE GRATING FLOORS. BAND ALL GRATING OPENINGS 8" AND LARGER WITH 1/4" x 5 1/4" PLATE WELDED TO GRATING AND EXTENDING 4" ABOVE TOP SURFACE OF GRATING.

24- HANDRAILS SHALL BE STAINLESS STEEL UNLESS OTHERWISE SPECIFIED 1 1/2" NOMINAL DIA. STANDARD STAINLESS STEEL PIPE, REFER TO DETAILS IN ARCHITECTURAL DRAWINGS. (DOES NOT APPLY FOR THIS PROJECT)

25- GROUT SHALL BE NON-SHRINK, NON-METALLIC, SIKA GROUT BY SIKA CORP OR APPROVED FOR PURPOSE REQUESTED. A/E SHALL APPROVE TYPE PRIOR TO USE.

26- FLOOR PLATE SHALL BE 3/8" CKD PLATE, PAINTED AND SHALL BE ATTACHED TO SUPPORTING STEEL BY 3/16" FILLET WELDS 1 1/2" AT 12" O.C. GAP BETWEEN PLATES SHALL NOT EXCEED 1/4" ALL JOINTS OUTSIDE STRUCTURAL SUPPORTS SHALL HAVE BACKING PLATES.

27- STEEL STUDS SHALL BE INSTALLED WITH AUTOMATIC STUD WELDING MACHINE.

28- WIND LOAD:
a) BASIC WIND VELOCITY - 159 MPH AS PER PUERTO RICO BUILDING CODE 2018
b) EXPOSURE CATEGORY - "C"
c) RISK CATEGORY II
c) WIND DIRECTIONALITY FACTOR Kd - 0.9
d) TOPOGRAPHIC FACTOR Kzt - 1.0

SEISMIC LOADS:
SHORT PERIOD ACCELERATION COEF (Ss)=0.985(g)
1-SECOND PERIOD ACCELERATION COEF (S1)=0.385(g)
RISK CATEGORY=II
SOIL PROFILE="D"

29- GENERAL CONTRACTOR SHALL SUBMIT WELDORS CERTIFICATIONS FOR STEEL WELDING AND ALUMINUM WELDING WORKS.

30- METAL FABRICATOR CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL. ARCHITECT OF RECORD MAY REQUIRE MUCK-UP OR SAMPLES OF FINAL FINISH OF PLATES ATTACHED TO STEEL TOWERS BEFORE TO START SKIN INSTALLATION.

CODES:

AMERICAN CONCRETE INSTITUTE, ACI 318 - LATEST EDITION
AMERICAN INSTITUTE OF STEEL CONSTRUCTION, LRFD LATEST EDITION.
PUERTO RICO BUILDING CODE - 2018

ABBREVIATIONS:

ADD ..... ADDITIONAL
B ..... BOTTOM
E.W. ..... EACH WAYS
C.C ..... CENTER TO CENTER
CL ..... CLEAR
COL ..... COLUMN
CONC ..... CONCRETE
CONST ... CONSTRUCTION
CONT ..... CONTINUOUS
C.S ..... CARBON STEEL
DTL ..... DETAIL
DWG ..... DRAWING
EA ..... EACH
E.E ..... EACH END
ELEV .... ELEVATION
F.B.E ..... FOOTING BOTTOM ELEVATION
F.F.E ..... FINISH FLOOR ELEVATION
FT ..... FEET
GALV ..... GALVANIZED
LG ..... LONG
L.L ..... LOWER LAYER
MAX ..... MAXIMUM
MECH ..... MECHANICAL
MIN ..... MINIMUM
REINF ..... REINFORCEMENT
SPECS ..... SPECIFICATIONS
S.S ..... STAINLESS STEEL
STD ..... STANDARD
STL ..... STEEL
SUP ..... SUPPLEMENTARY
T ..... TOP
TYP ..... TYPICAL
U.N.O ..... UNLESS NOTED OTHERWISE

OCT-30-2023

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
STRUCTURAL NOTES

COMPUTER PLOT
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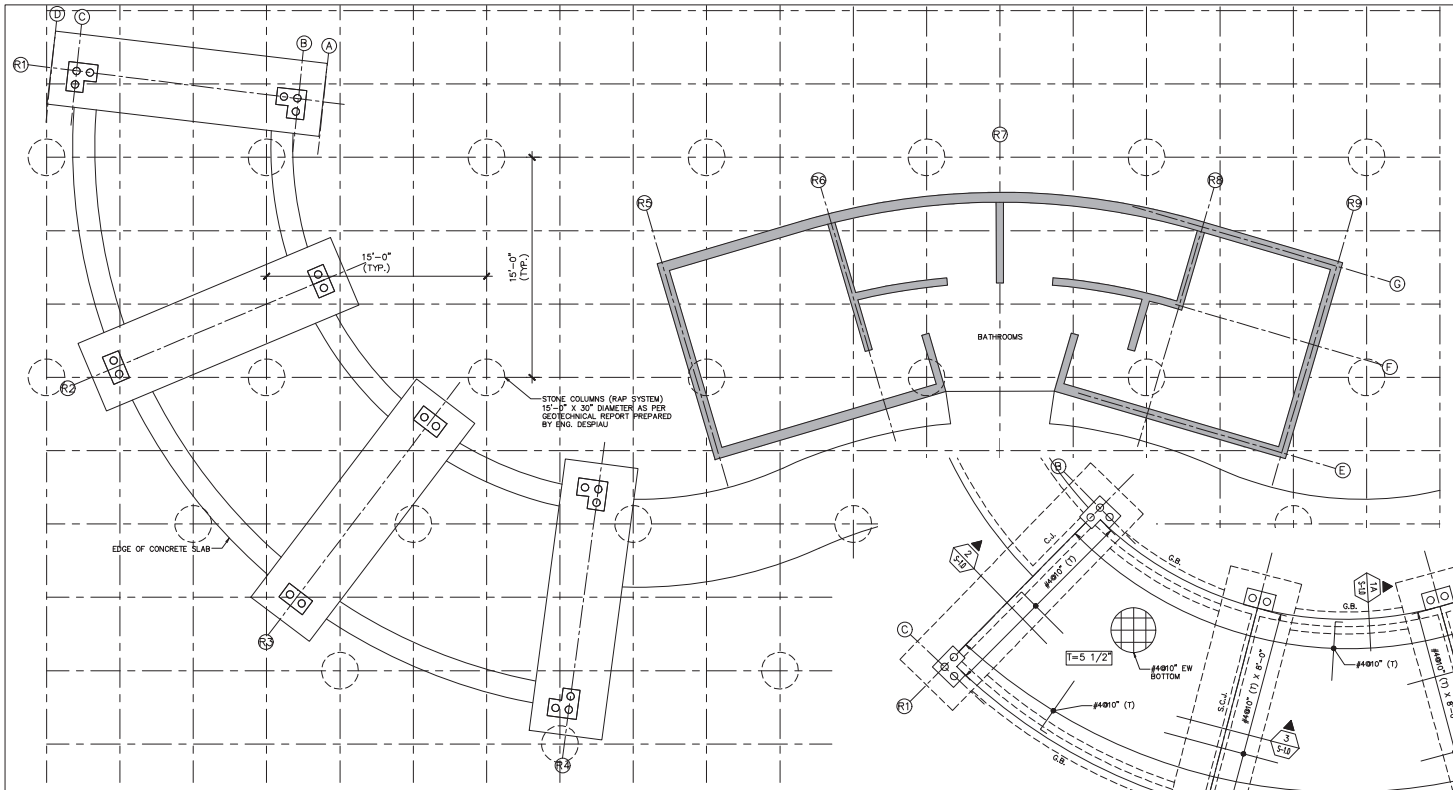
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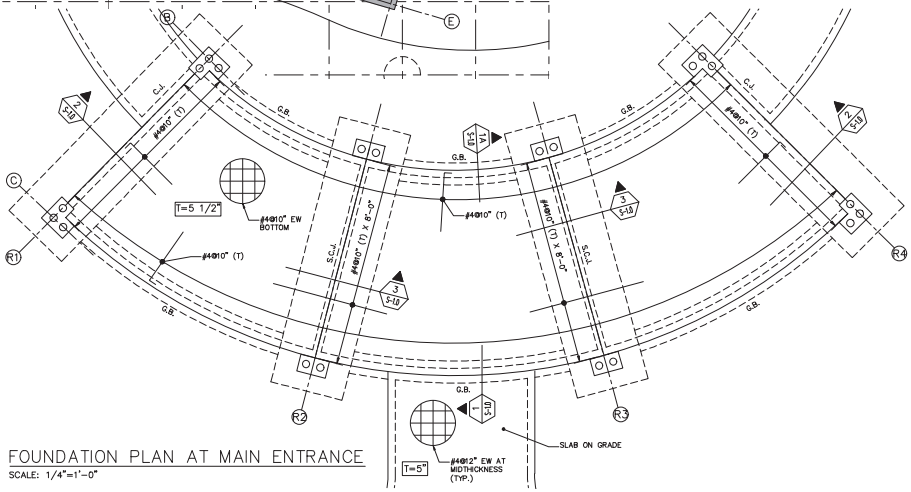
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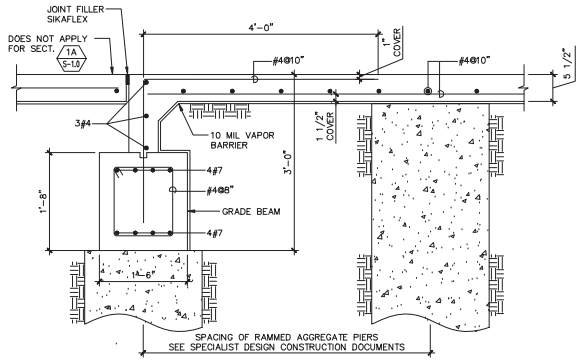
RAMMED AGGREGATE PIERS LAYOUT & PARTIAL FOUNDATION PLAN AT MAIN ENTRANCE AND BATHROOMS

SCALE: 1/4"=1'-0"



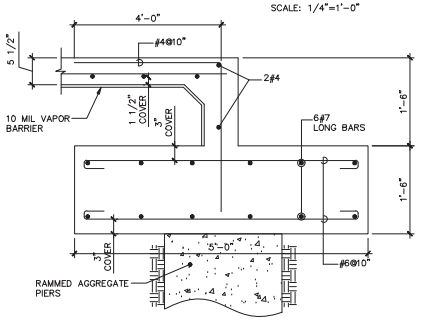
FOUNDATION PLAN AT MAIN ENTRANCE

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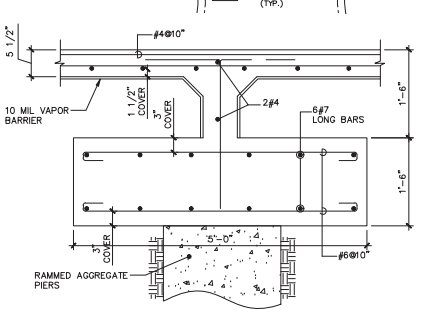
SECTION 1 1A

SCALE: 1"=1'-0"



SECTION 2

SCALE: 1"=1'-0"



SECTION 3

SCALE: 1"=1'-0"

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FOUNDATION PLAN AND DETAILS

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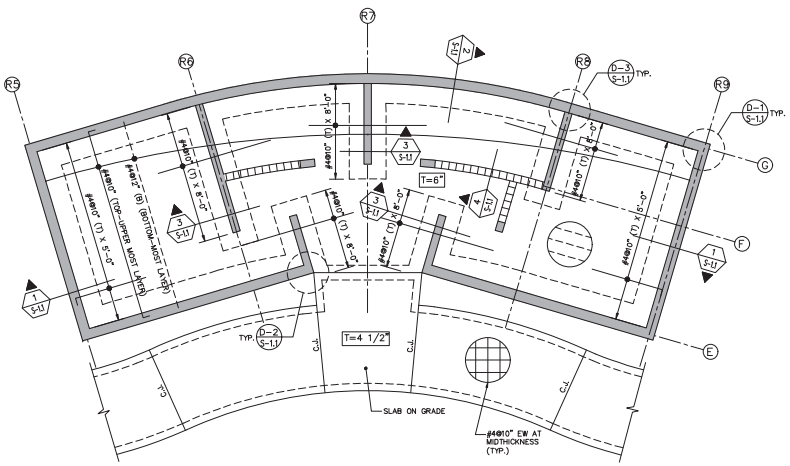
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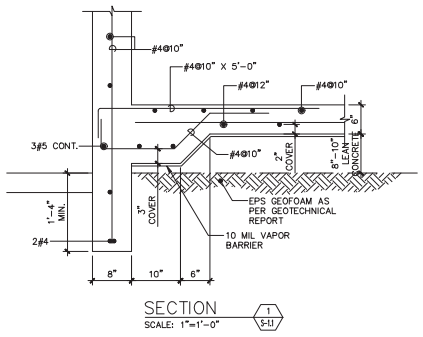
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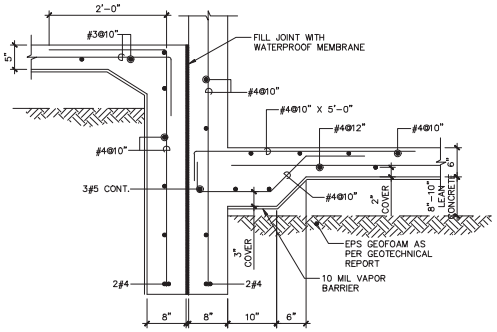
BATHROOMS FOUNDATION PLAN

SCALE: 1/4"=1'-0"



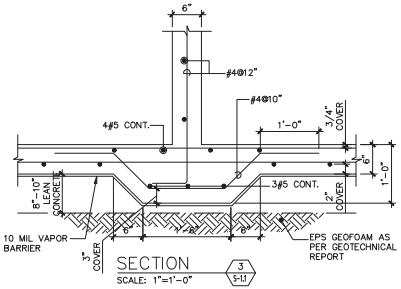
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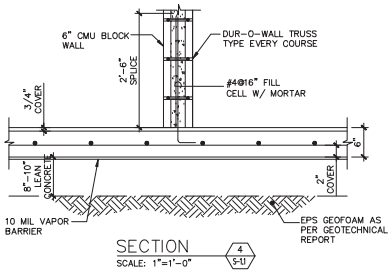
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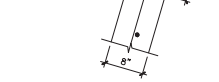
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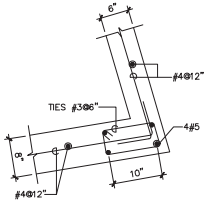
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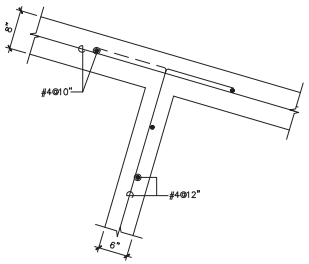
CORNER WALL REINFORCEMENT DETAIL D-1 S-1.1

SCALE: 1"=1'-0"



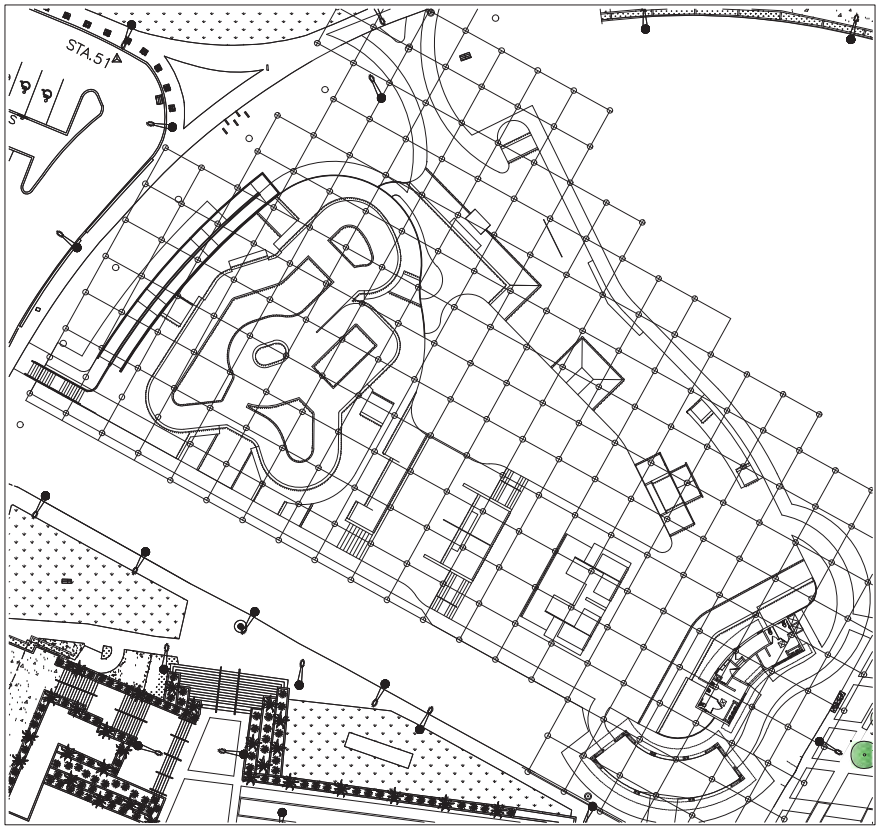
DETAIL D-2 S-1.1

SCALE: 1"=1'-0"



DETAIL D-3 S-1.1

SCALE: 1"=1'-0"



RAMMED AGGREGATE PIERS PLAN

SCALE: 3/64" = 1'-0"

FOR RAMMED AGGREGATE PIERS INFORMATION SEE SECTION 023010 SUBSURFACE & GEOTECHNICAL EXPLORATION , ON TECH SPECS.

OCT-30-2023

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YO, LUIS DAZA DUARTE, LICENCIA #15,931, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ LOS ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y QUE SON CONFORME CON CÓDIGOS DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE, 19 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 5 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 119 DE 13 DE MAYO DE 1998, SEGÚN ENMENDADA; LEY NÚM. 80 DE 8 DE JULIO DE 1976, SEGÚN ENMENDADA; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HACE PRESENTE PODRÍA CONSTITUIR FRAUDE Y/O INCUMPLIMIENTO CRIMINAL A TENOR CON LA LEY, YA SEA POR DESCONOCIMIENTO O POR INCLUSIÓN DE LA MISMA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO. MI FIRMA EN ESTE DOCUMENTO CONSTITUYE MI ACEPTACIÓN Y RESPONSABILIDAD DE CUALQUIER ADICIÓN U OMISIÓN REALIZADA POR LA OOPE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
FOUNDATION DETAILS

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NO.	DATE	REVISION	BY	APPROVED

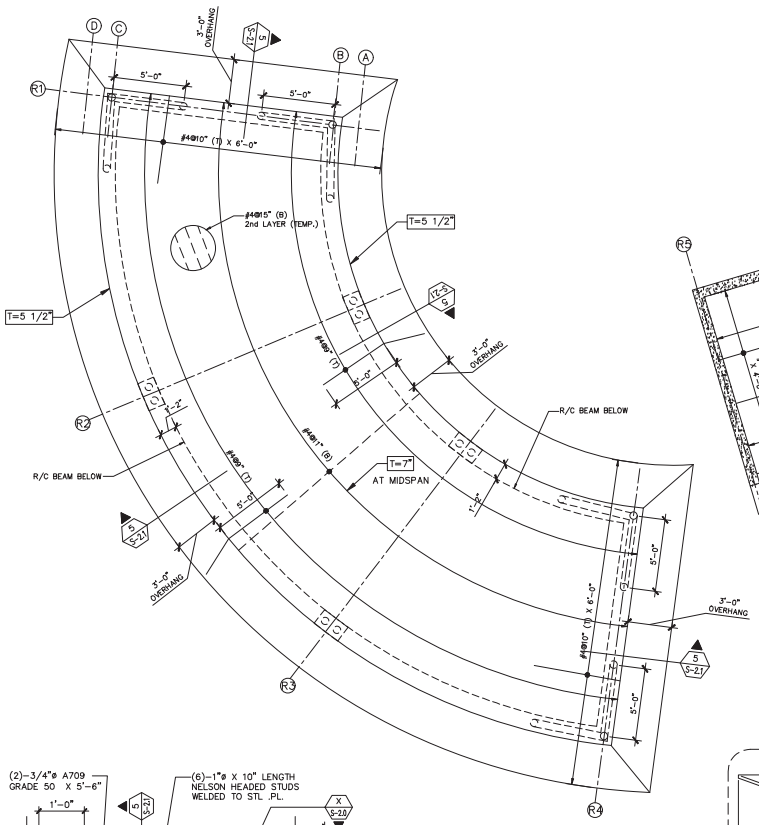
PROJECT

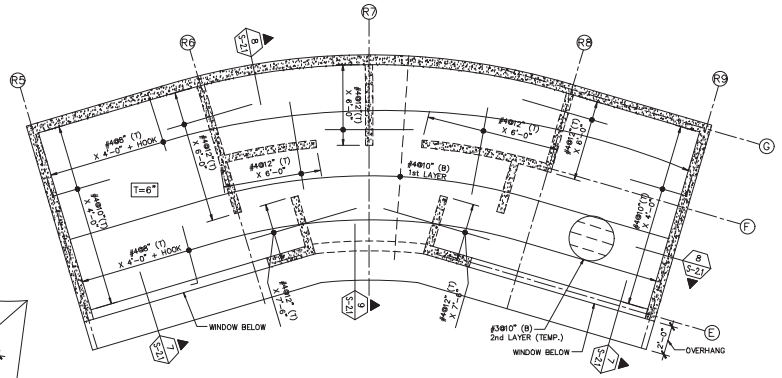
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 46

TOTAL 83

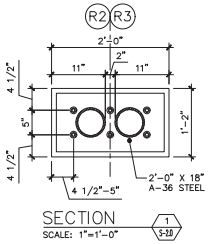
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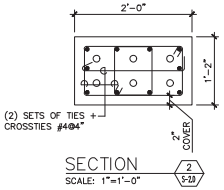
ROOF STRUCTURAL PLAN MAIN ENTRANCE AND BATHROOMS

SCALE: 1/4"=1'-0"



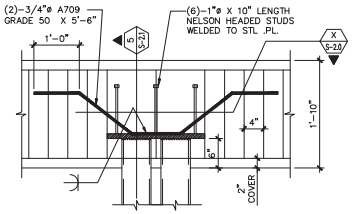
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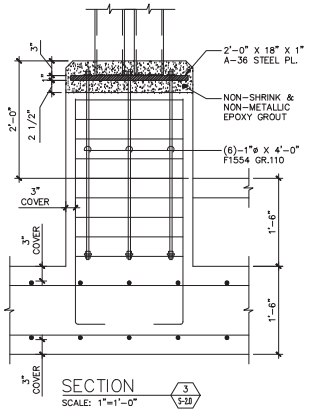
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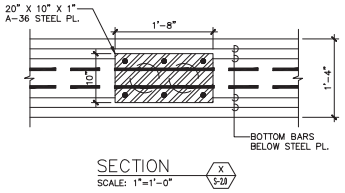
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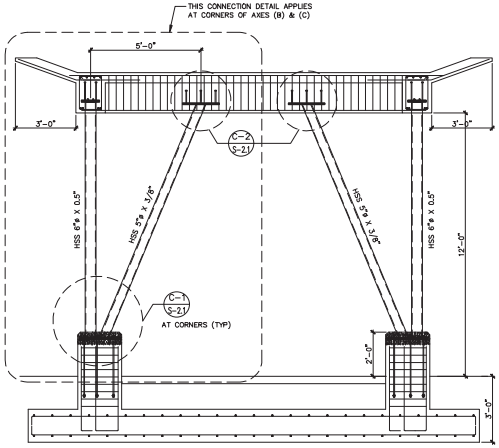
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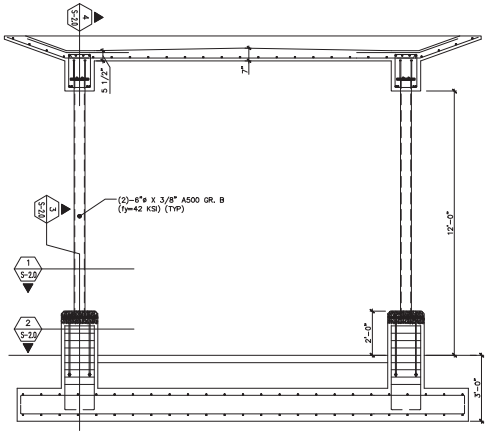
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FRAME ELEVATION FOR AXES (R1) & (R4)

SCALE: 3/8"=1'-0"



FRAME ELEVATION FOR INTERIOR AXES (R2) & (R3)

SCALE: 3/8"=1'-0"

OCT-30-2023

HERNANDEZ-BAUZA PSC, ARCHITECTS

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YO, LUIS DAZA DUARTE, LICENCIA #10707, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN ENCONFORMIDAD CON CÓDIGOS DE CONSTRUCCIÓN EQUIVALENTE AL 2018 VIGENTE AL 110 DE NOVIEMBRE DE 2018, CUANDO, ASIMISMO, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO SUSTANCIALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INNOVACIÓN EN LA INDUSTRIA DE LA CONSTRUCCIÓN PUERTORRIQUEÑA" Y CON LA LEY NÚM. 33 DE 13 DE MAYO DE 1936, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA, SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER ERROR, ANACRONISMO O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR OMISIÓN COMETIDO POR NEGLIGENCIA VA SER POR MÍ, MIS AUXILIOS O INVOLUCRADO, O POR TERCERA PERSONA CON MI CONOCIMIENTO, ME HAGO RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DEUDA PARA POR LA DISPE

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ROOF STRUCTURAL PLAN AND DETAILS

COMPUTER PLOT
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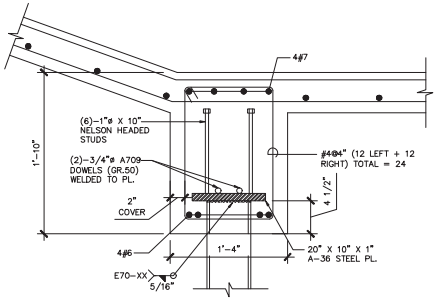
NO.	DATE	REVISION	BY	APPROVED

PROJECT

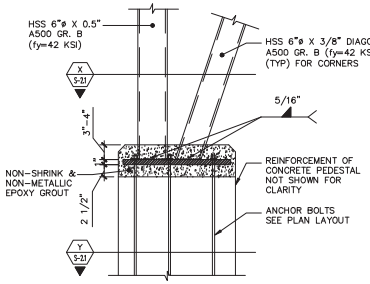
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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DRAWING NUMBER
S-2.0

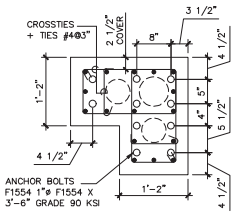


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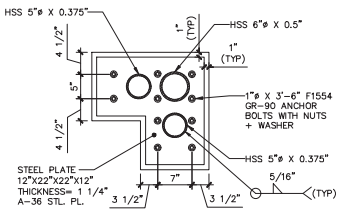
CONNECTION MKD' AS (C–1)

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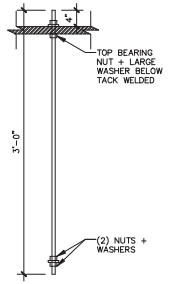
CORNER CONCRETE PEDESTAL

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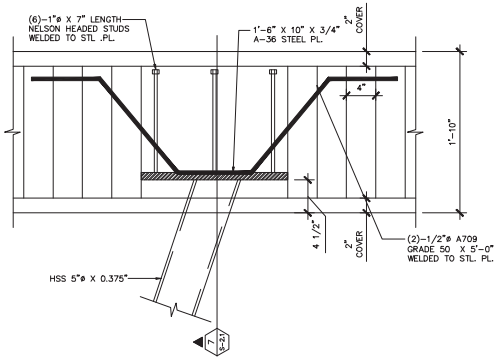


CORNER BASE PLATE

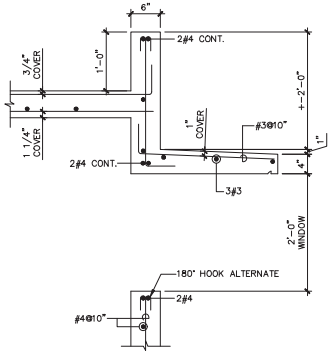
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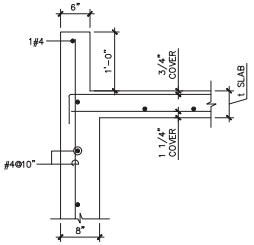
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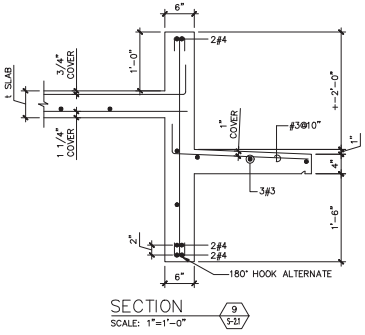
CONNECTION MKD' AS (C–2)
SCALE: 1 1/2"=1'–0"



SECTION
SCALE: 1"=1'–0"



SECTION
SCALE: 1"=1'–0"



SECTION
SCALE: 1"=1'–0"

OCT-30-2023

HERNANDEZ-BAUZA PSC, ARCHITECTS
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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ROOF STRUCTURAL DETAILS

COMPUTER PLOT
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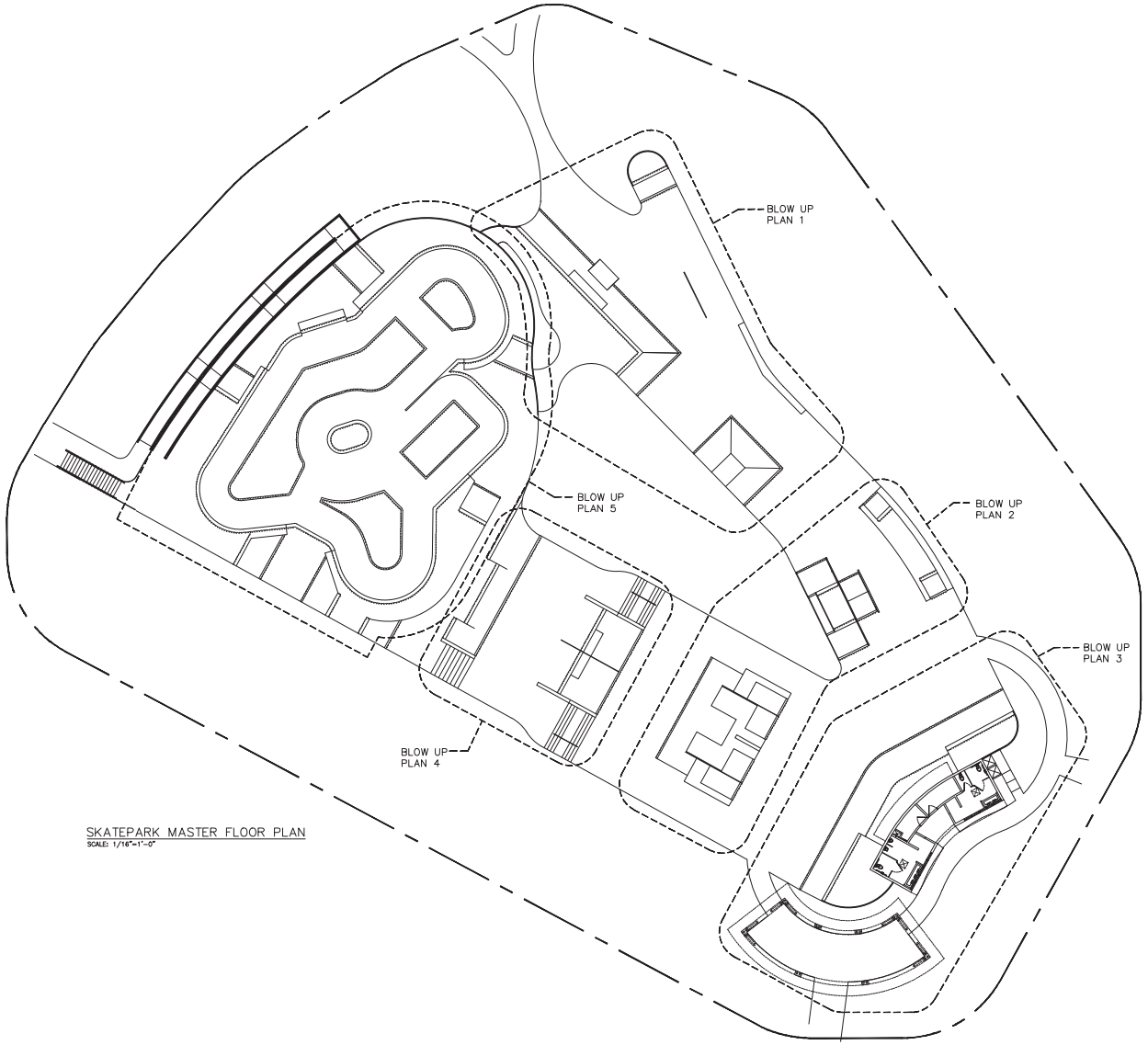
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
48	83

DRAWING NUMBER
S–2.1



SKATEPARK MASTER FLOOR PLAN
SCALE: 1/16"=1'-0"

OCT-30-2023

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PSC, ARCHITECTS
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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATEPARK MASTER FLOOR PLAN

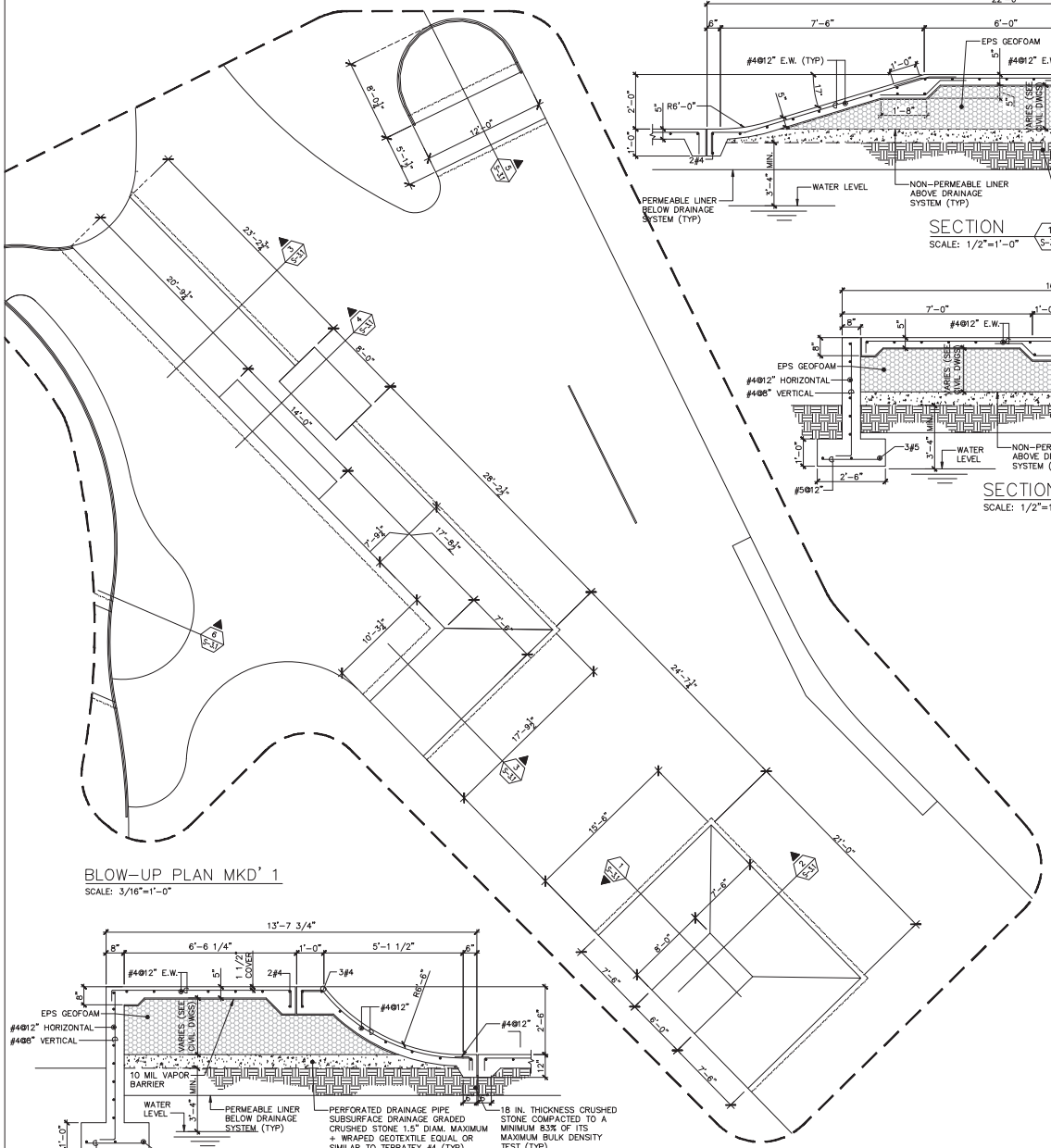
COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED

PROJECT	
DRAWING BY/CHECKED BY	
L.D.D.	L.D.D.

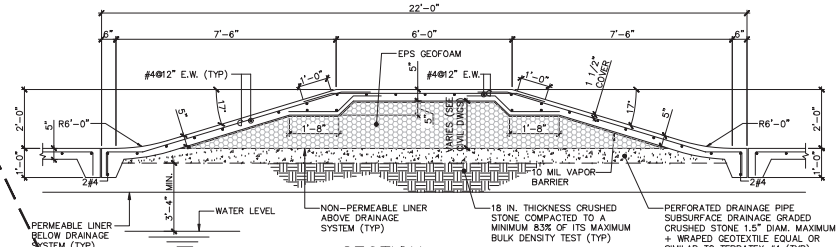
NUMBER	TOTAL
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DRAWING NUMBER
S-3.0



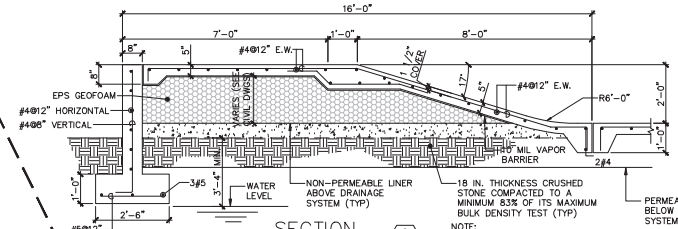
BLOW-UP PLAN MKD' 1

SCALE: 3/16"=1'-0"



SECTION 1 S-3.1

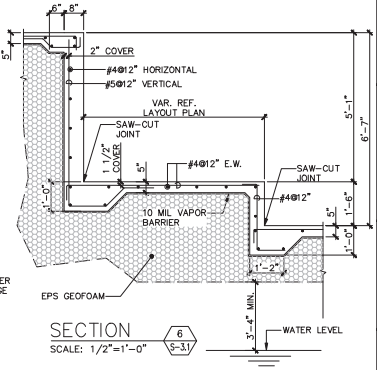
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SECTION 2 S-3.1

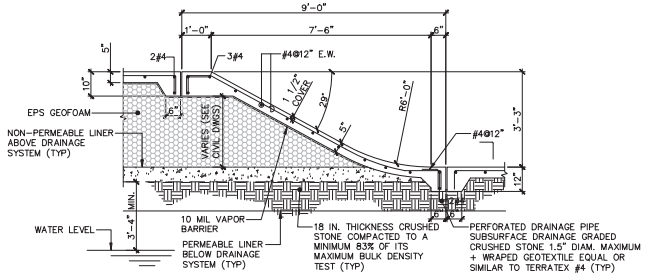
SCALE: 1/2"=1'-0"

NOTE:
EPS GEOFOAM FILL SHALL BE INSTALLED ABOVE WATER TABLE LEVEL AT LEAST 1 METER (3'-4") (TYPICAL)



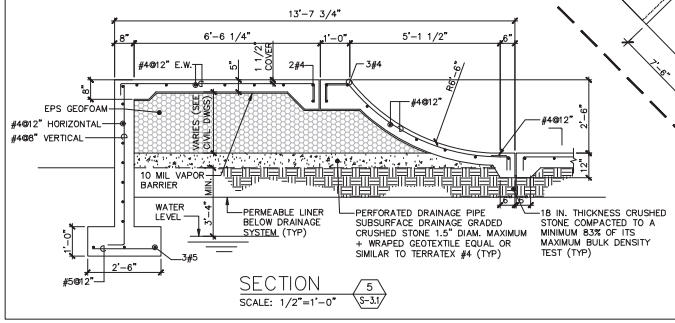
SECTION 6 S-3.1

SCALE: 1/2"=1'-0"



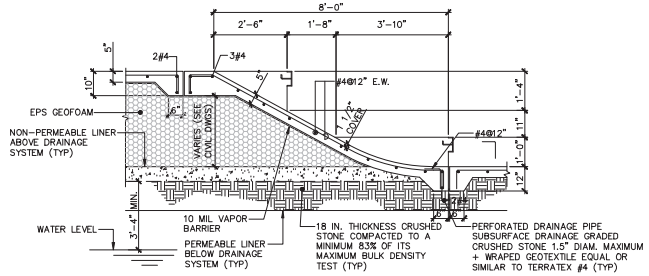
SECTION 3 S-3.1

SCALE: 1/2"=1'-0"



SECTION 5 S-3.1

SCALE: 1/2"=1'-0"



SECTION 4 S-3.1

SCALE: 1/2"=1'-0"

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 1

COMPUTER PLOT
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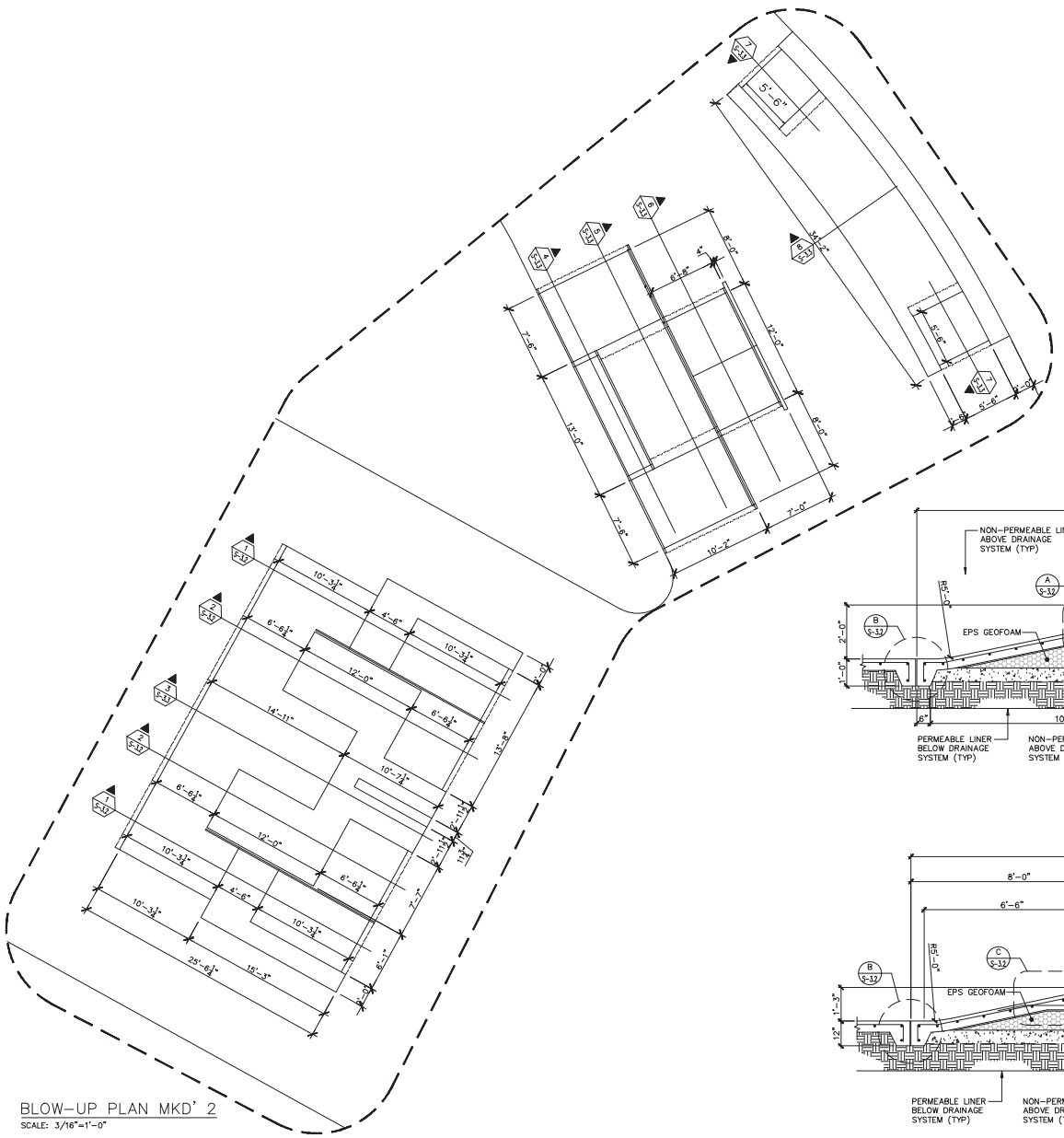
NO.	DATE	REVISION	BY	APPROVED

PROJECT

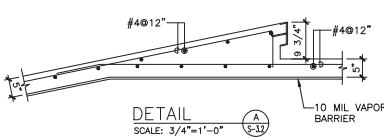
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 50 TOTAL 83

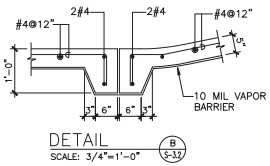
DRAWING NUMBER
S-3.1



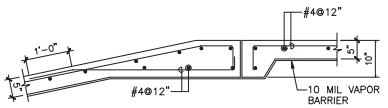
BLOW-UP PLAN MKD' 2
SCALE: 3/16"=1'-0"



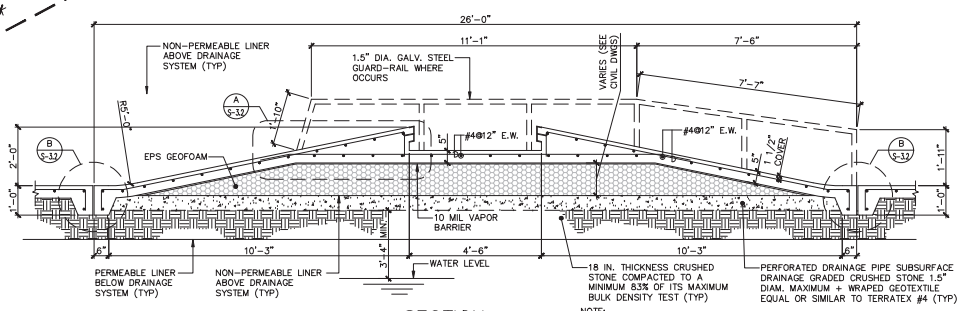
DETAIL A S-3.2
SCALE: 3/4"=1'-0"



DETAIL B S-3.2
SCALE: 3/4"=1'-0"

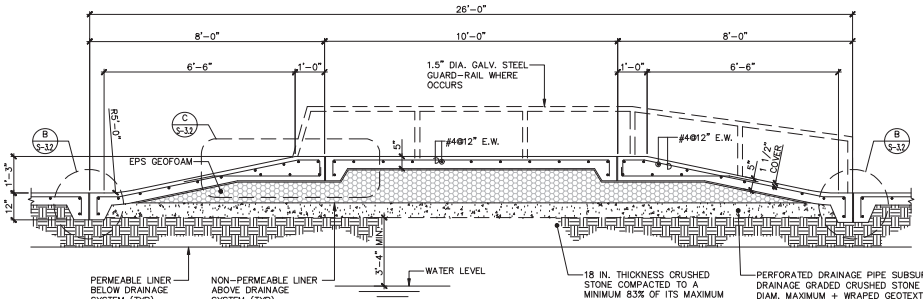


DETAIL C S-3.2
SCALE: 3/4"=1'-0"



SECTION 1 S-3.2
SCALE: 1/2"=1'-0"

NOTE:
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SECTION 2 S-3.2
SCALE: 1/2"=1'-0"

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 2

COMPUTER PLOT
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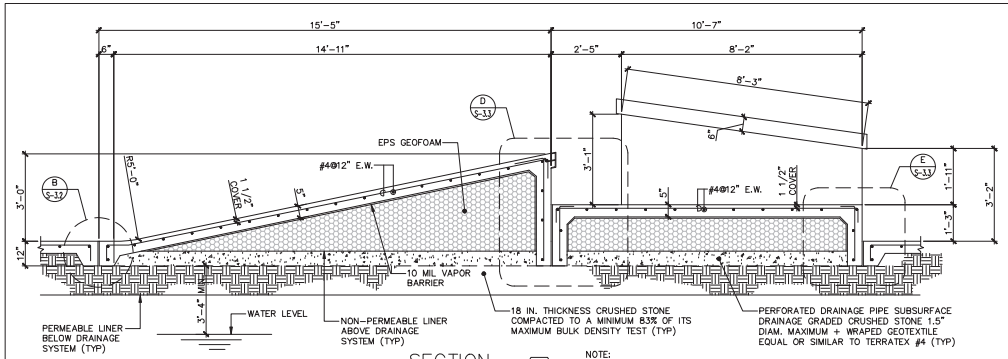
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

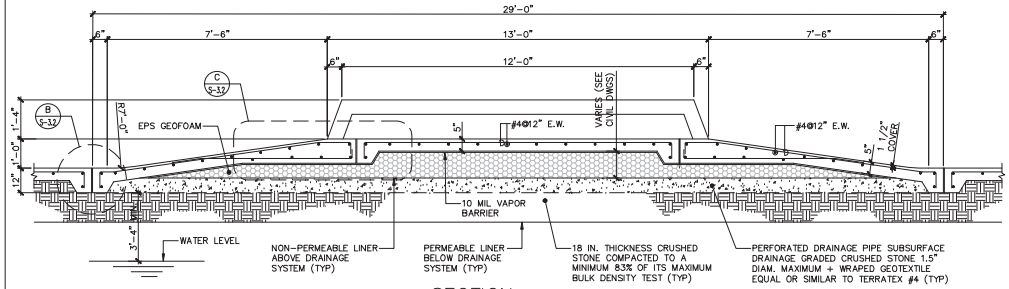
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DRAWING NUMBER
S-3.2

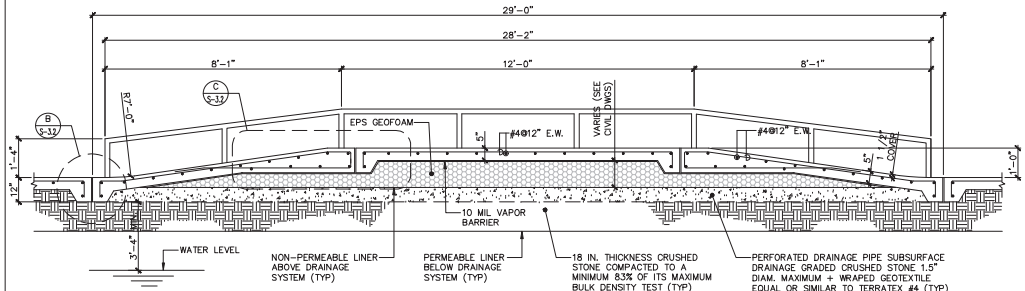


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SCALE: 1/2"=1'-0"
3 S-3.3

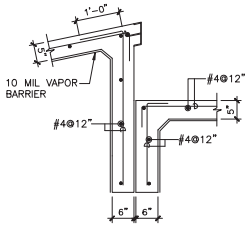
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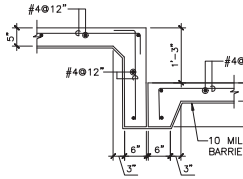
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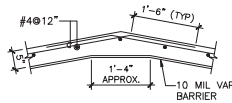
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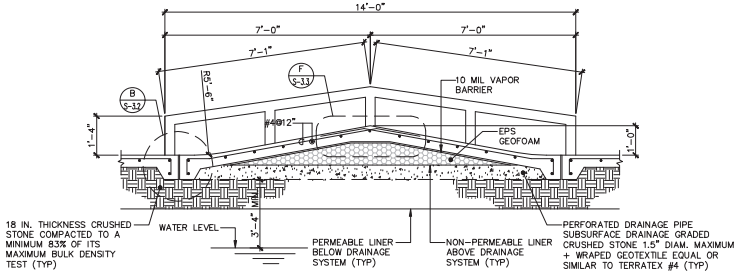
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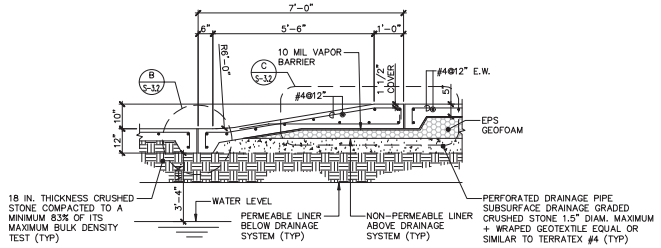
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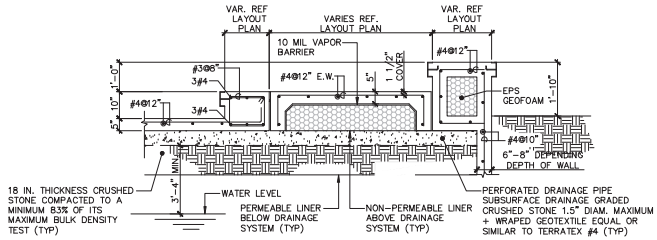
DETAIL
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F S-3.3



SECTION
SCALE: 1/2"=1'-0"
6 S-3.3



SECTION
SCALE: 1/2"=1'-0"
7 S-3.3



SECTION
SCALE: 1/2"=1'-0"
8 S-3.3

OCT-30-2023

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 2

COMPUTER PLOT
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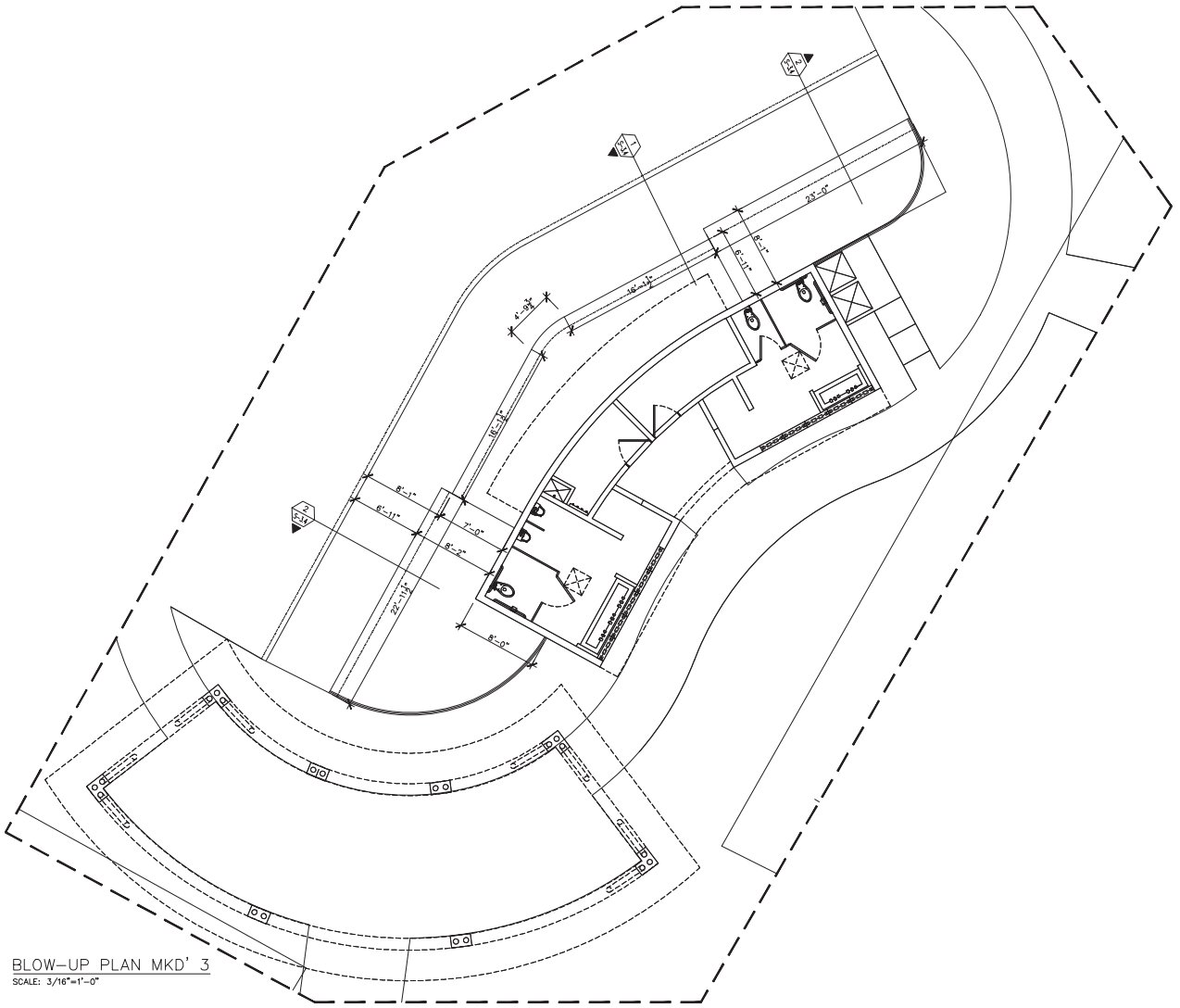
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

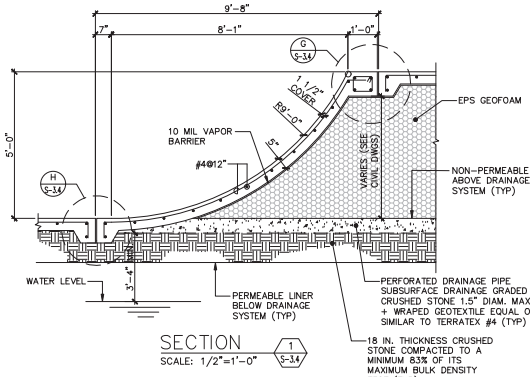
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S-3.3



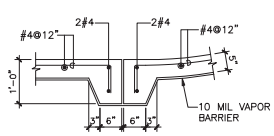
BLOW-UP PLAN MKD' 3

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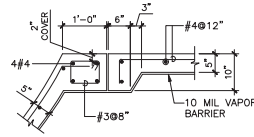
SECTION (1 S-3.4)

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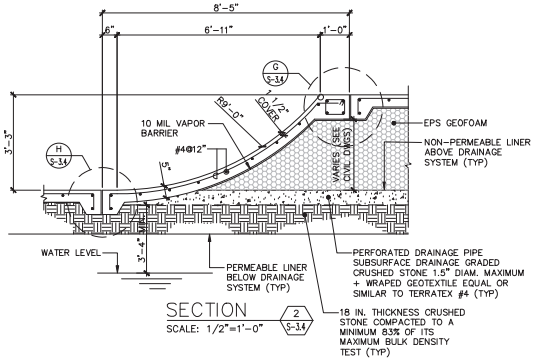
DETAIL (H S-3.4)

SCALE: 3/4"=1'-0"



DETAIL (G S-3.4)

SCALE: 3/4"=1'-0"



SECTION (2 S-3.4)

SCALE: 1/2"=1'-0"

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BLOW-UP 3

COMPUTER PLOT
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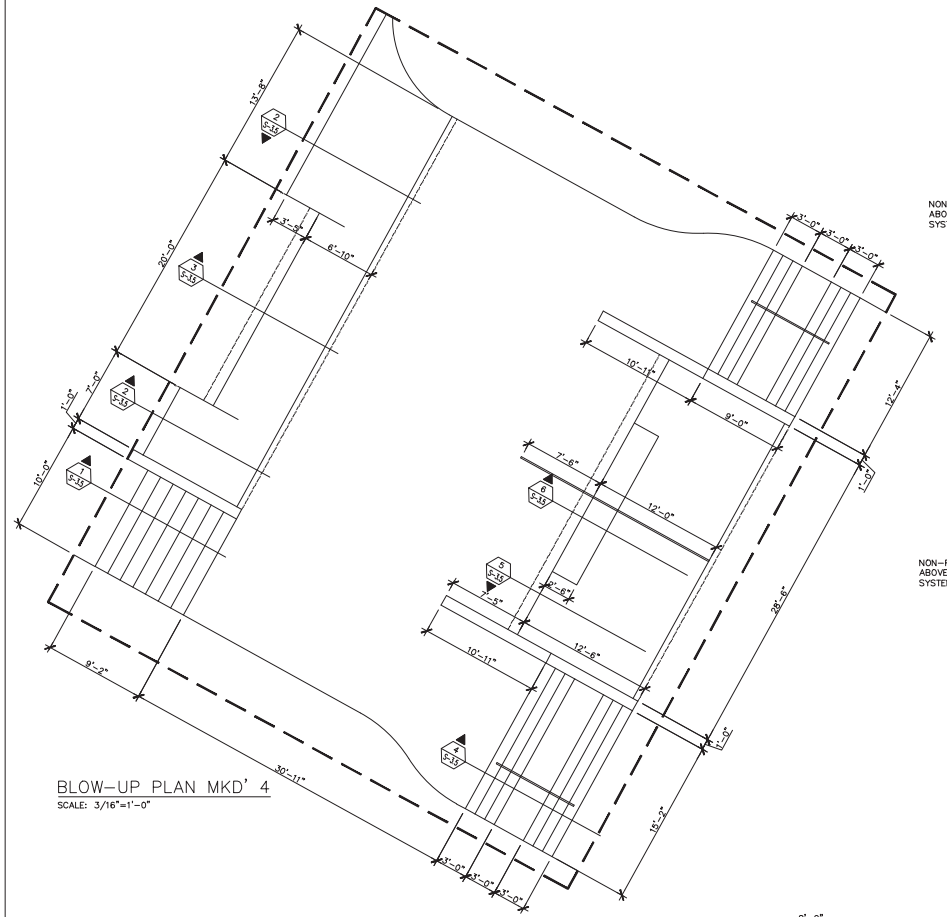
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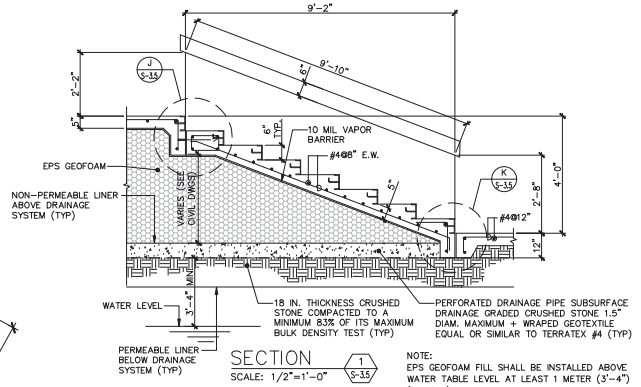
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L.D.D. L.D.D.

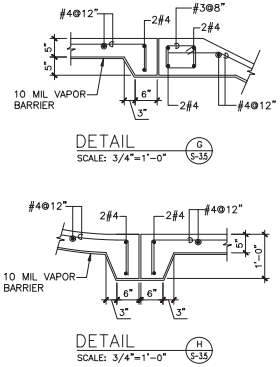
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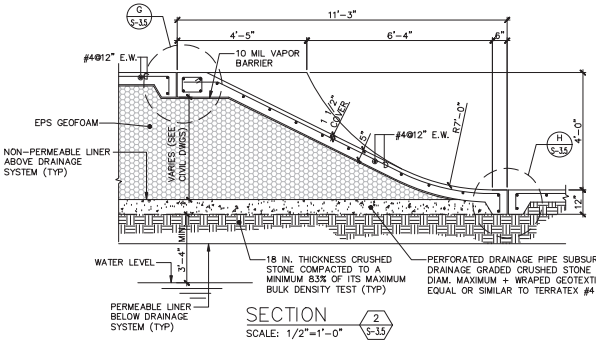
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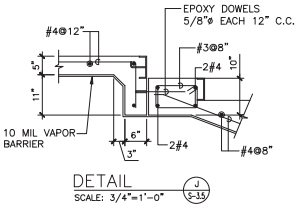


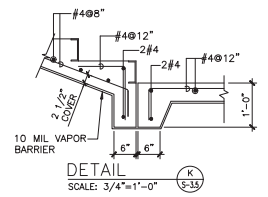


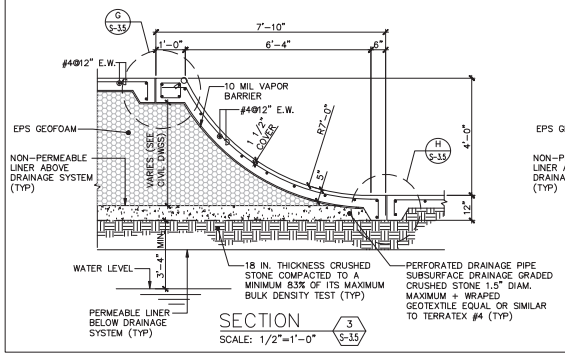
NOTE:
EPS GEOFOAM FILL SHALL BE INSTALLED ABOVE WATER TABLE LEVEL AT LEAST 1 METER (3'-4") (TYPICAL)

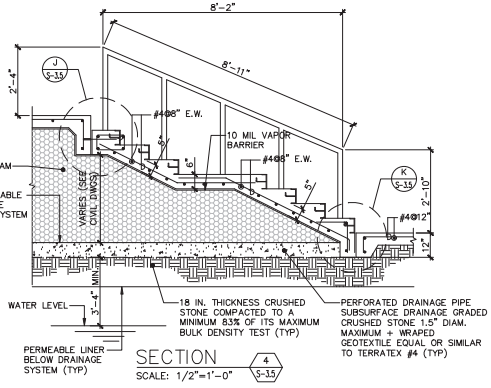


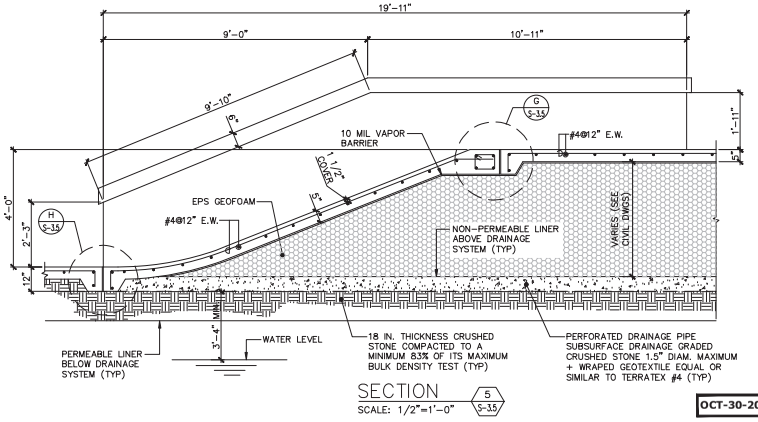












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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 4

COMPUTER PLOT
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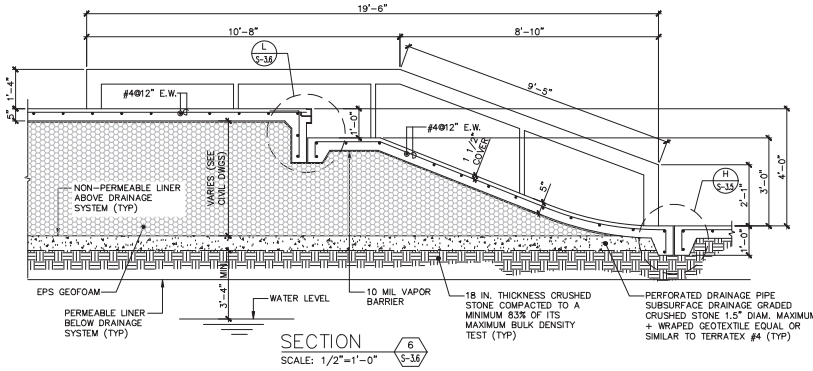
NO.	DATE	REVISION	BY	APPROVED

PROJECT

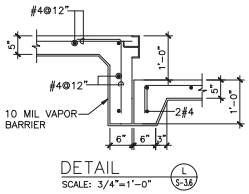
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 54 TOTAL 83

DRAWING NUMBER
S-3.5



SECTION
SCALE: 1/2"=1'-0"
6
S-3.6



DETAIL
SCALE: 3/4"=1'-0"
L
S-3.6

OCT-30-2023

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 4

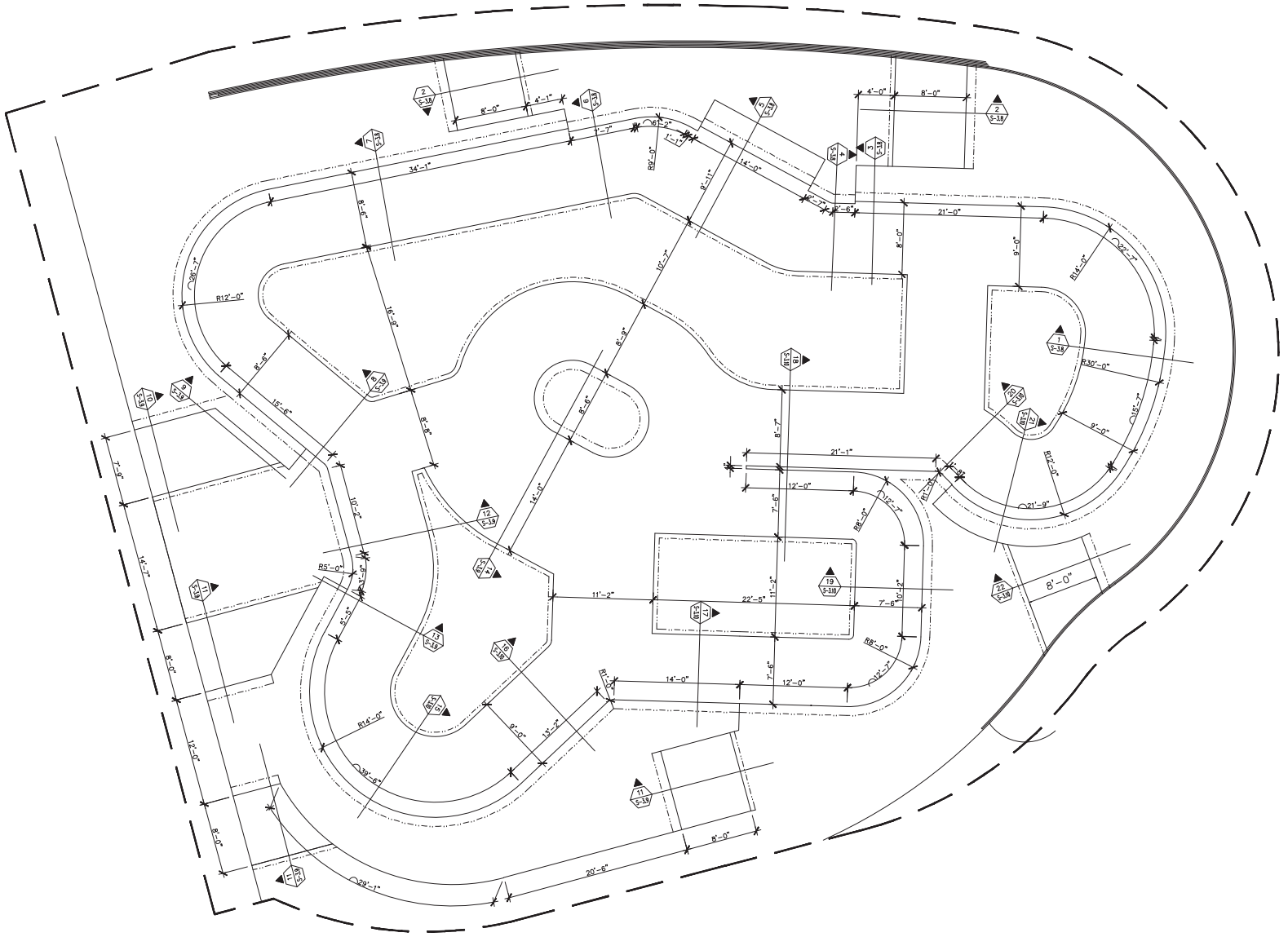
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NO.	DATE	REVISION	BY	APPROVED

PROJECT	
DRAWING BY/CHECKED BY	
L.D.D.	L.D.D.

NUMBER	TOTAL
55	83

DRAWING NUMBER
S-3.6



BLOW–UP PLAN MKD' 5

SCALE: 3/16"=1'–0"

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW–UP 5

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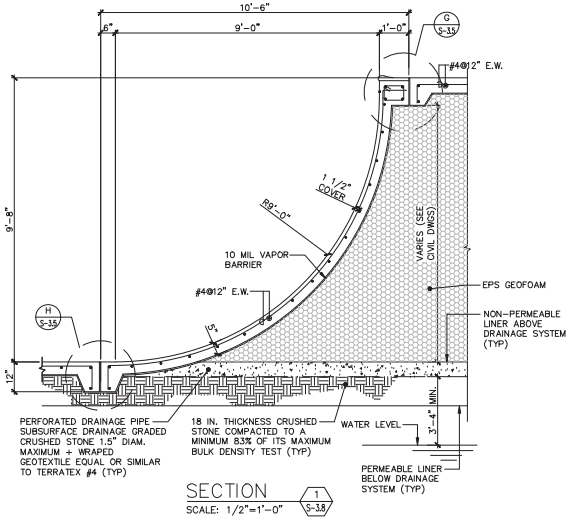
NO.	DATE	REVISION	BY	APPROVED

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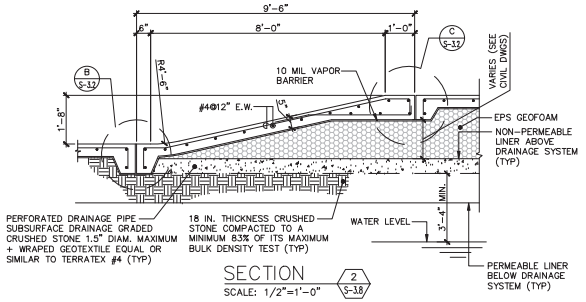
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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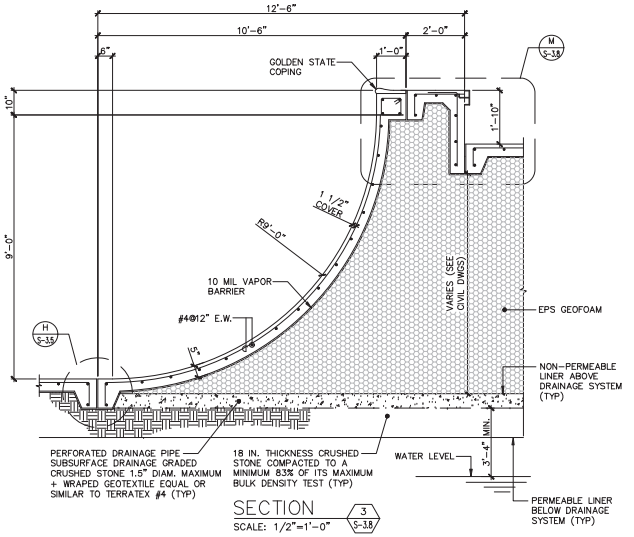
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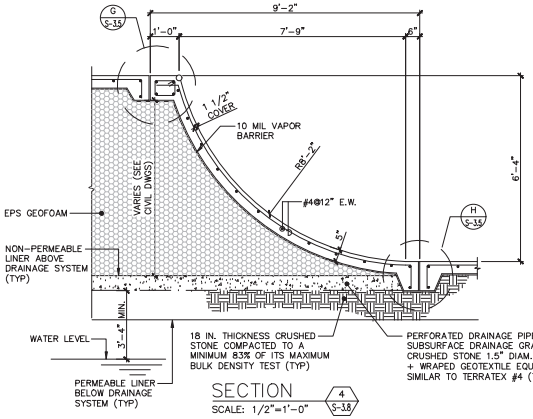
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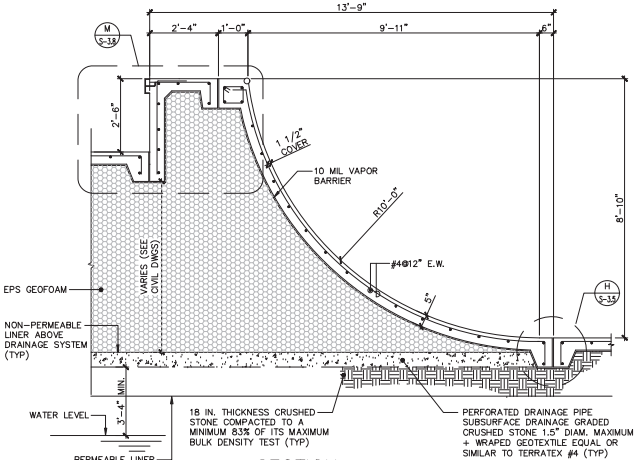
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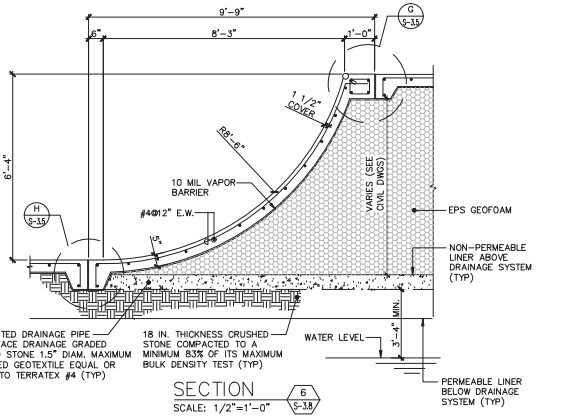
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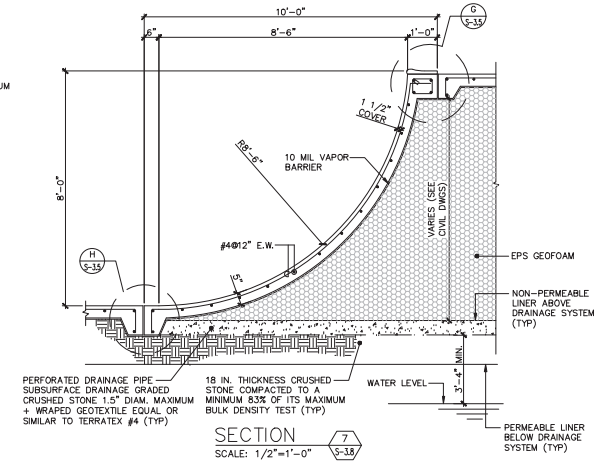
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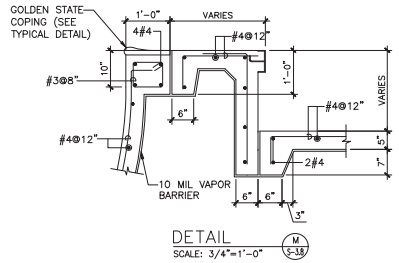
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5 S-3.8



SECTION
SCALE: 1/2"=1'-0"
6 S-3.8



SECTION
SCALE: 1/2"=1'-0"
7 S-3.8



DETAIL
SCALE: 3/4"=1'-0"
M S-3.8

OCT-30-2023

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 5

COMPUTER PLOT
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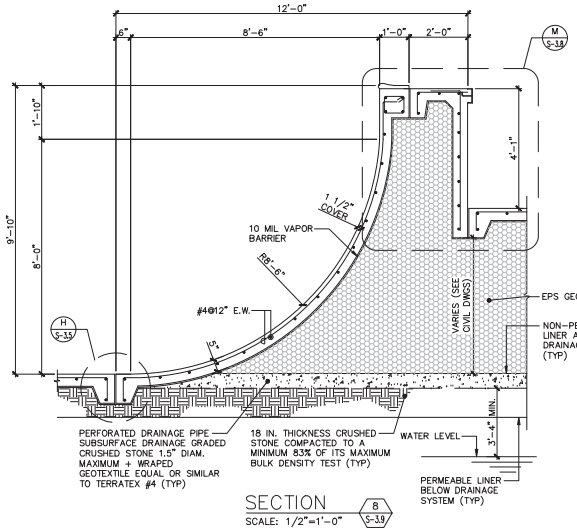
NO.	DATE	REVISION	BY	APPROVED

PROJECT

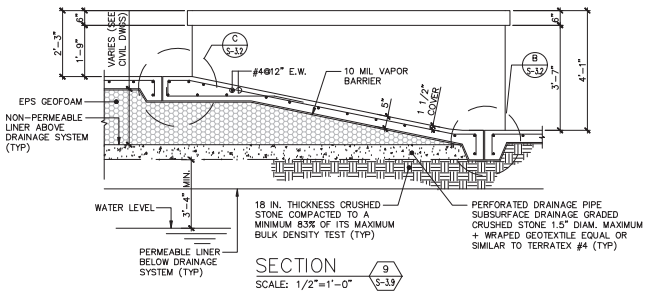
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
57	83

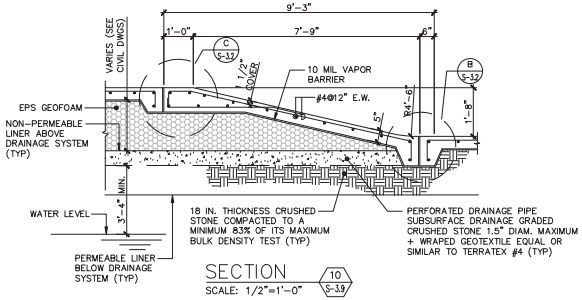
DRAWING NUMBER
S-3.8



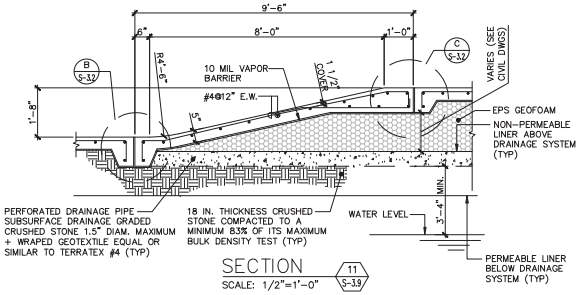
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S-3.9



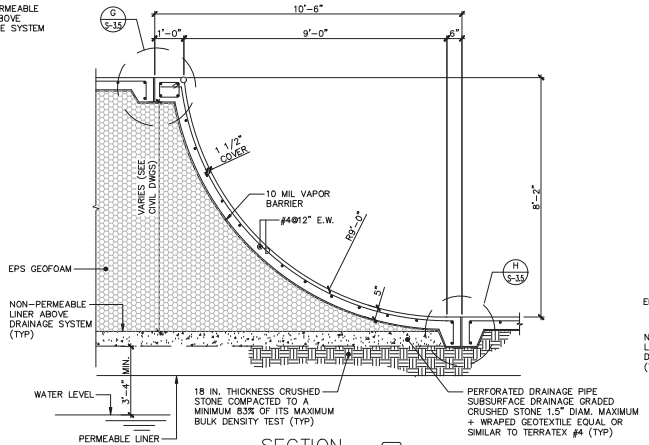
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S-3.9



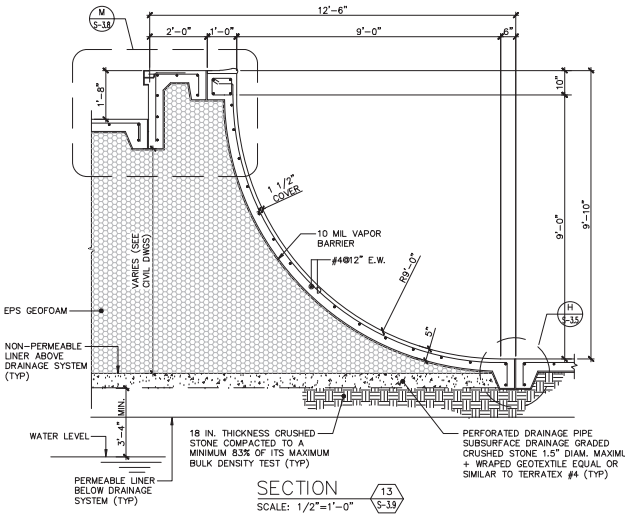
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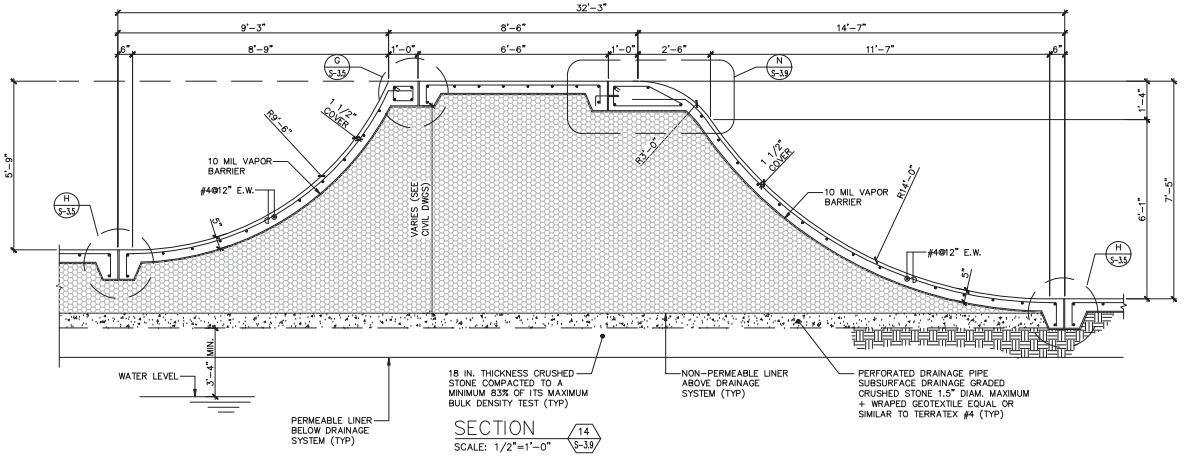
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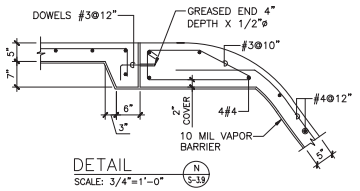
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S-3.9



SECTION
SCALE: 1/2"=1'-0"
13
S-3.9



SECTION
SCALE: 1/2"=1'-0"
14
S-3.9



DETAIL
SCALE: 3/4"=1'-0"
N
S-3.8

OCT-30-2023

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CONSULTANT'S SEAL

YO, LUIS DAZA IN D'ANTE LICENCIA #5,870 E CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO O ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION Y ESTAN EN CONFORMIDAD CON CODIGO DE CONSTRUCCION DE PUERTO RICO 2018" VIGENTE AL 8 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMAS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON EL DISPUESTO EN EL LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA " LEY PARA LA INVERSIÓN EN POR LA INDUSTRIA PUERTORIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1931 SEGUN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA, SEGUN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FRAUDULENTA DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS VARIOS EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE ECU ALQUIER ACCIÓN JUDICIAL Y SOY NAMBA POR LA DISPE.

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

CLIENT

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 5

COMPUTER PLOT
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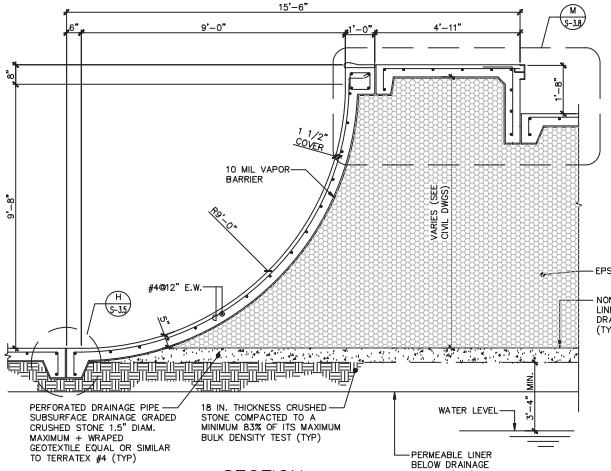
NO.	DATE	REVISION	BY	APPROVED

PROJECT

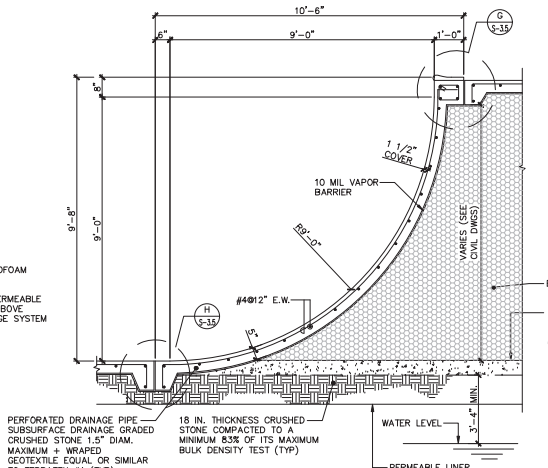
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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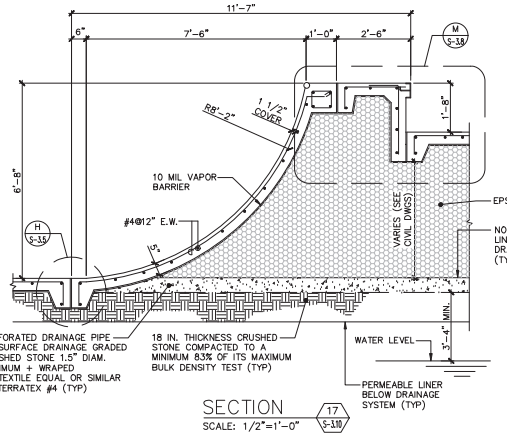
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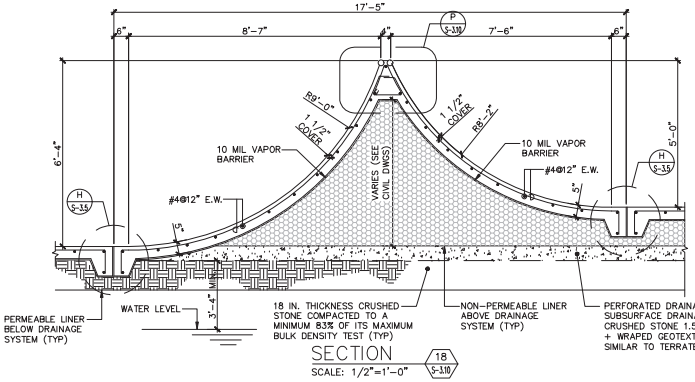
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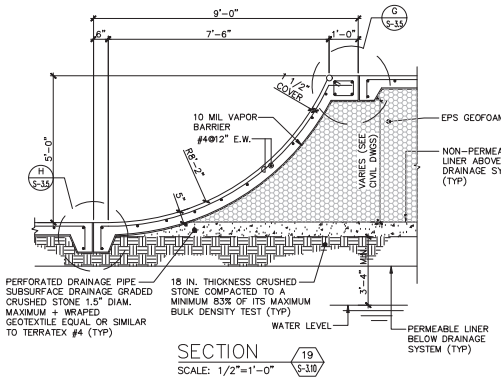
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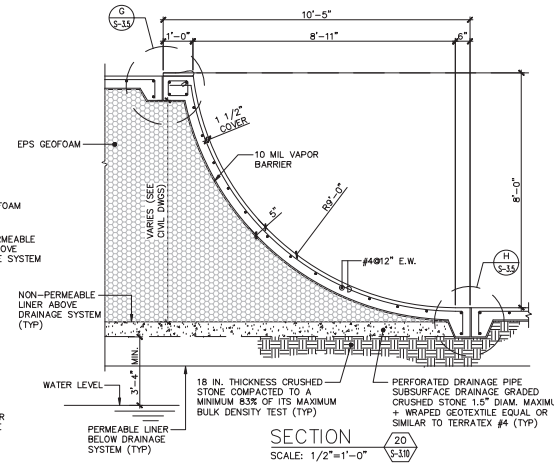
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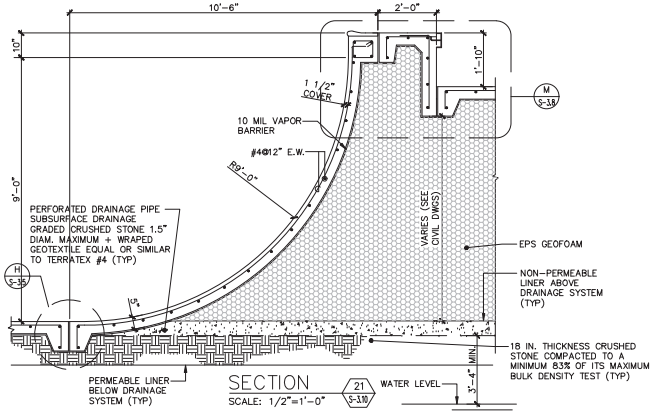
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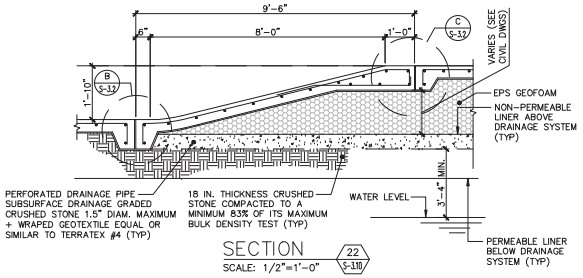
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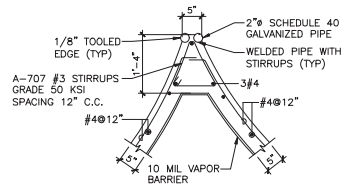
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SCALE: 1/2"=1'-0"



SECTION 21 S-3.10
SCALE: 1/2"=1'-0"



SECTION 22 S-3.10
SCALE: 1/2"=1'-0"



DETAIL P S-3.10
SCALE: 3/4"=1'-0"

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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 5

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED

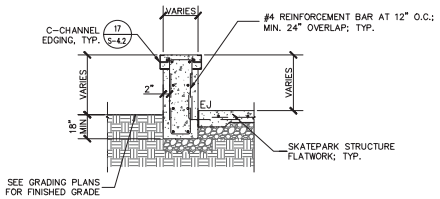
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DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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DRAWING NUMBER
S-3.10

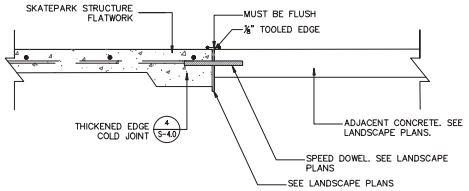
OCT-30-2023



CAST IN PLACE LEDGE W/ C-CHANNEL EDGING

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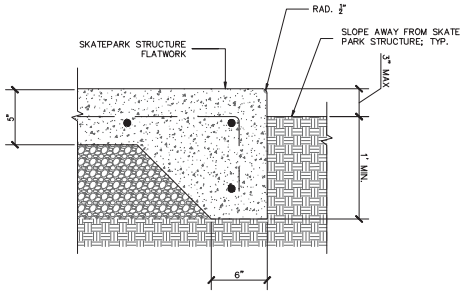
1 S-4.0



SKATEPARK EDGE AT CONCRETE PAVEMENT

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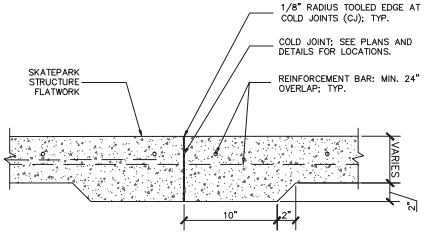
2 S-4.0



SKATEPARK THICKEN EDGE

SCALE: NOT TO SCALE

3 S-4.0

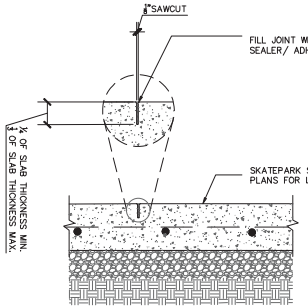


NOTE:
1. ALL REINFORCEMENT BAR SHALL HAVE MIN. 24" OVERLAP.
2. SEE CONSTRUCTION PLAN AND DETAILS FOR COLD JOINT LOCATIONS
3. THICKENED FLATWORK EDGE SHALL BE CONSTRUCTED ON ALL COLD JOINT LOCATIONS

TYP. SKATEPARK FLATWORK COLD JOINT (CJ)

SCALE: NOT TO SCALE

4 S-4.0

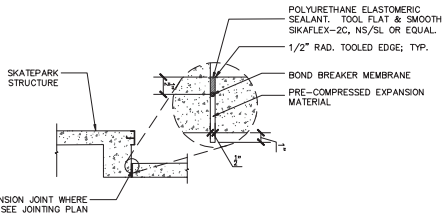


NOTE:
1. CONTRACTOR SHALL LOCATE SAWCUTS APPROXIMATELY EVERY 10' O.C. (100 SF) UNLESS SHOWN OTHERWISE.
2. SEE JOINTING PLAN FOR SAWCUT LOCATIONS.

SAWCUT

SCALE: NOT TO SCALE

5 S-4.0

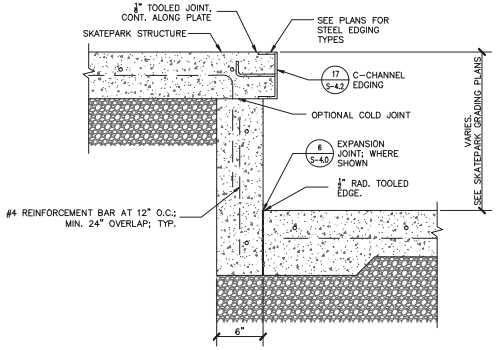


NOTE:
1. MINIMUM CAULKING THICKNESS WITH BGOND BREAKER IN PLACE IS ½".
2. SEE SKATE PARK JOINT PLAN SP7.0 AND DETAILS FOR LOCATIONS.

EXPANSION JOINT (EJ)

SCALE: NOT TO SCALE

6 S-4.0



TURNDOWN WALL

SCALE: NOT TO SCALE

7 S-4.0

OCT-30-2023

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CLIENT

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OWNER
AUTONOMUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
STRUCTURAL STANDARDS DETAILS

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES MADE TO THIS DRAWING MUST BE MADE ON THE CAD SYSTEM ONLY. FOR QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

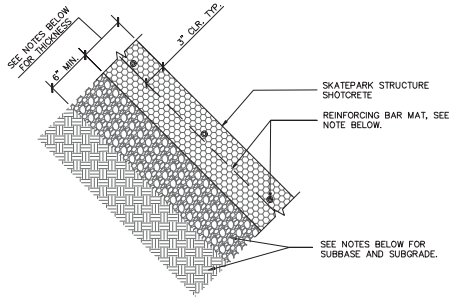
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

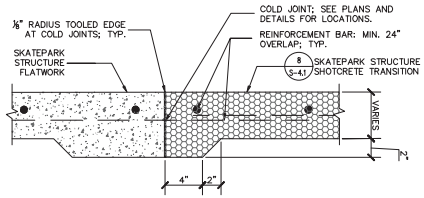
NUMBER	TOTAL
60	83

DRAWING NUMBER
S-4.0



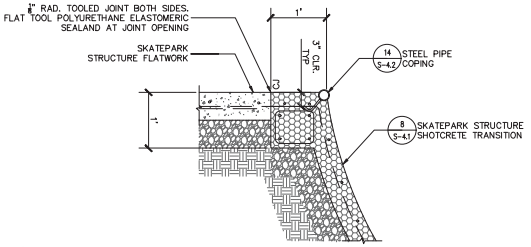
NOTES:
1. SEE SKATEPARK STRUCTURE LEGEND FOR SHOTCRETE THICKNESS AND REINFORCEMENT REQUIREMENTS.
2. SEE TRANSITION SUBBASE APPLICATION DETAIL 13/SP8.1 FOR SUBBASE REQUIREMENTS.
3. ALL SHOTCRETE TO HAVE A HARD TROWEL FINISH UNLESS NOTED OTHERWISE.

SKATEPARK STRUCT. SHOTCRETE TRANSITION (8 / S-4.1)
SCALE: NOT TO SCALE



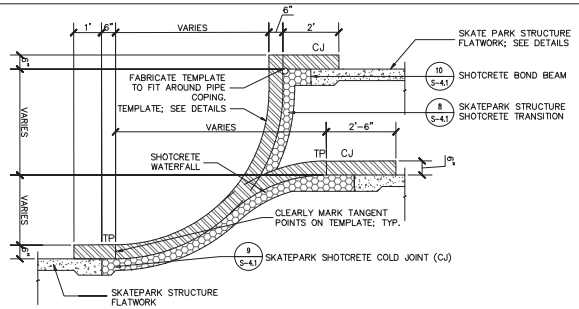
NOTE:
1. ALL REINFORCEMENT BAR SHALL HAVE MIN. 24" OVERLAP.
2. SEE CONSTRUCTION PLAN AND DETAILS FOR COLD JOINT LOCATIONS.
3. THICKENED SHOTCRETE EDGE SHALL BE CONSTRUCTED ON ALL SHOTCRETE TRANSITIONS BOTTOM LOCATIONS

SKATEPARK SHOTCRETE COLD JOINT (9 / S-4.1)
SCALE: NOT TO SCALE



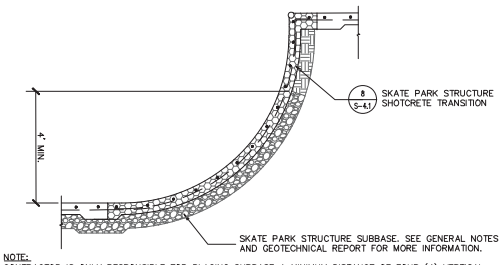
NOTE:
1. BUILD BOND BEAMS AT TOPS OF ALL SHOTCRETE TRANSITIONS UNLESS SPECIFICALLY SHOWN OTHERWISE IN THE SKATEPARK DETAILS.

SHOTCRETE BOND BEAM (10 / S-4.1)
SCALE: NOT TO SCALE



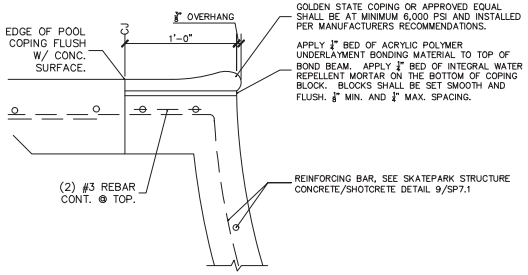
NOTES:
1. USE NON-FLEX PLYWOOD, ALUMINUM, OR METAL FOR TEMPLATES.
2. CONTRACTOR SHALL FABRICATE AND USE TEMPLATES FOR EACH SHOTCRETE DETAIL. TEMPLATES MUST BE REVIEWED AND APPROVED BY OWNER'S REPRESENTATIVE IN ADVANCE OF THE DAY SHOTCRETE WILL BE PLACED. TEMPLATES MUST BE LOCATED IN THE RESPECTIVE AREAS OF USE BEFORE INSPECTION.

SKATEPARK STRUCT. SHOTCRETE TRANSITION (11 / S-4.1)
SCALE: NOT TO SCALE



NOTE:
CONTRACTOR IS ONLY RESPONSIBLE FOR PLACING SUBBASE A MINIMUM DISTANCE OF FOUR (4) VERTICAL FEET UP ALL TRANSITIONS AS MEASURED FROM THE BOTTOM TANGENT POINT (TP) AS SHOWN. THIS VARIANCE ONLY APPLIES TO TRANSITIONS THAT APPROACH NEAR VERTICAL CONDITIONS ABOVE FOUR (4) VERTICAL FEET FROM THE BOTTOM TANGENT POINT (TP) ELEVATION. SHOTCRETE APPLIED IN CONDITIONS WITHOUT THE SUBBASE SHALL BE PER THE SPECIFIED THICKNESS. NO ADDITIONAL SHOTCRETE SHALL BE REQUIRED AS THE SUBGRADES WILL BE GRADED TO THE ELEVATIONS OF THE SUBBASE.

TRANSITION SUB-BASE APPLICATION (12 / S-4.1)
SCALE: NOT TO SCALE



NOTE:
ALTERNATE COPING BLOCKS BETWEEN 'CARBON' AND 'NOPAL'. COPING COLORS MUST BE CONFIRMED BY SKATEPARK DESIGNER BEFORE INSTALLATION.

POOL COPING (13 / S-4.1)
SCALE: NOT TO SCALE

OCT-30-2023

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CLIENT

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DRAWING NAME
STRUCTURAL STANDARDS DETAILS

COMPUTER PLOT
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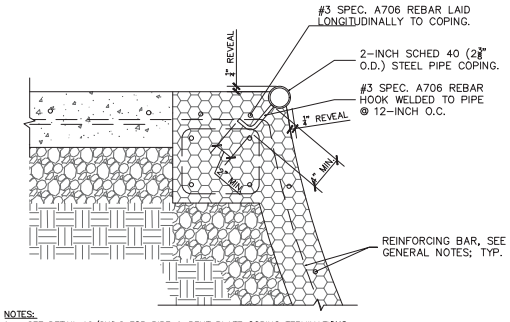
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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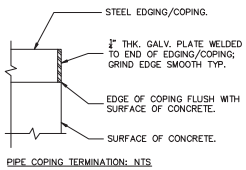
DRAWING NUMBER
S-4.1



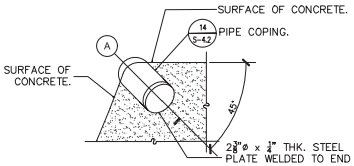
NOTES:
1. SEE DETAIL 16/SK8.2 FOR PIPE & BENT PLATE COPING TERMINATIONS.

STEEL PIPE COPING (14 / S-4.2)

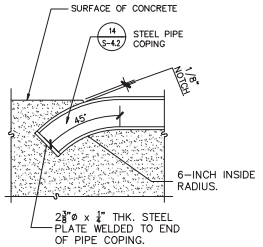
SCALE: NOT TO SCALE



PIPE COPING TERMINATION: NTS



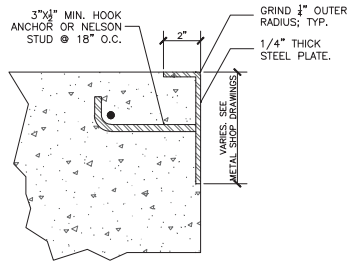
PIPE COPING SIDE ELEVATION



SECTION

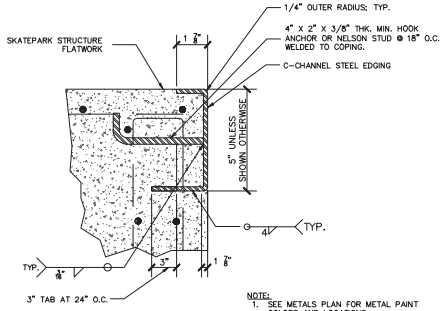
STEEL EDGING & PIPE COPING TERMINATION (15 / S-4.2)

SCALE: NOT TO SCALE



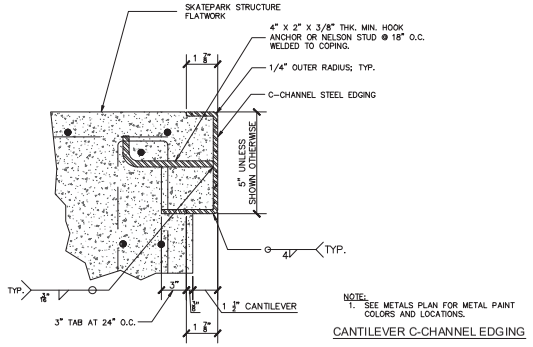
STEEL PLATE (WITH 2" FLANGE) (16 / S-4.2)

SCALE: NOT TO SCALE



NOTE:
1. SEE METALS PLAN FOR METAL PAINT COLORS AND LOCATIONS.

FLUSH C-CHANNEL EDGING

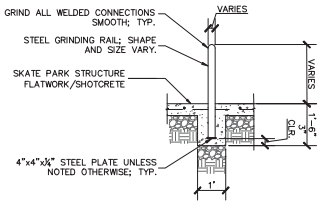


NOTE:
1. SEE METALS PLAN FOR METAL PAINT COLORS AND LOCATIONS.

CANTILEVER C-CHANNEL EDGING

5" C-CHANNEL ENDING (FLUSH AND CANTILEVER) (17 / S-4.2)

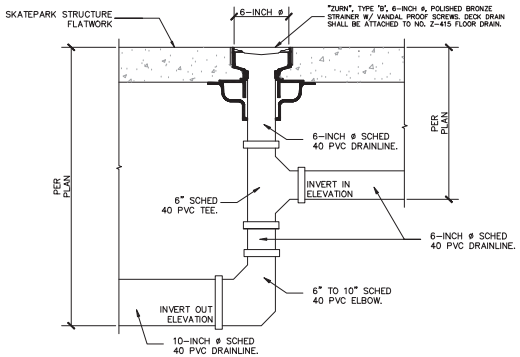
SCALE: NOT TO SCALE



NOTE:
1. GRIND ALL WELDED CONNECTIONS SMOOTH; TYP.
2. SEE METALS PLAN SP6.0 FOR STEEL PAINTING REQUIREMENTS.

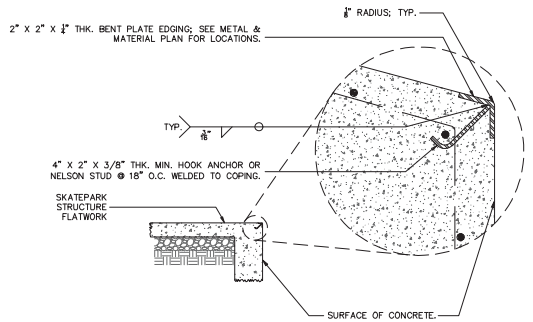
SKATE RAIL HUBBA FOOTING (18 / S-4.2)

SCALE: NOT TO SCALE



DRAIN & DRAIN LINE END CONNECTION (19 / S-4.2)

SCALE: NOT TO SCALE



NOTE:
1. GRIND ALL WELDED CONNECTIONS SMOOTH; TYP.
2. SEE METALS PLAN SP3.0 AND SP11.0 FOR STEEL PAINTING REQUIREMENTS.

BENT PLATE EDGING (20 / S-4.2)

SCALE: NOT TO SCALE

OCT-30-2023

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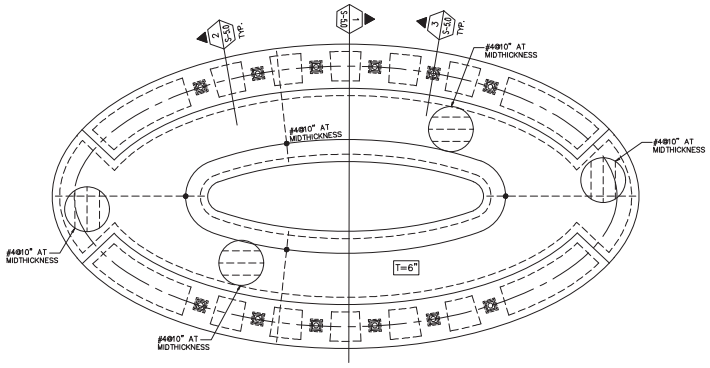
NO.	DATE	REVISION	BY	APPROVED

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DRAWING BY/CHECKED BY
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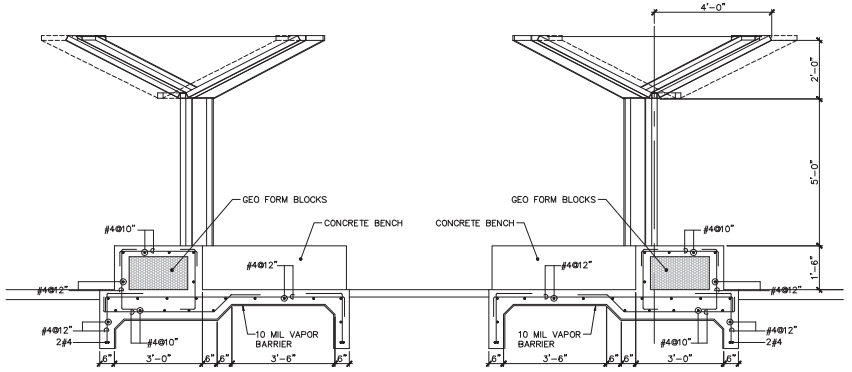
NUMBER	TOTAL
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DRAWING NUMBER
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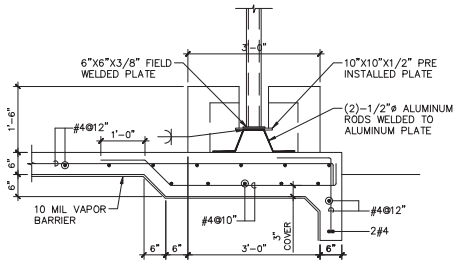
GAZEBOS FOUNDATION PLAN

SCALE: 1/4"=1'-0"



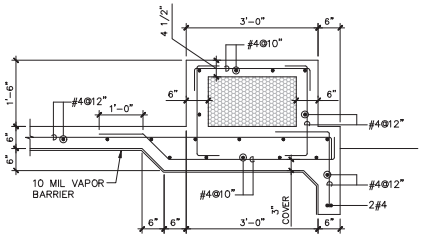
SECTION (1 / S-5.0)

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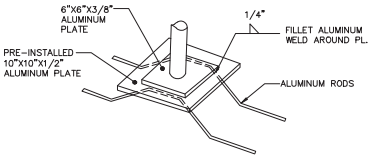
SECTION (2 / S-5.0)

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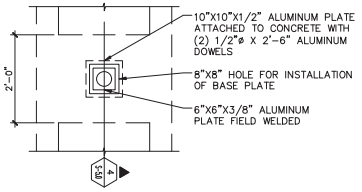
SECTION (3 / S-5.0)

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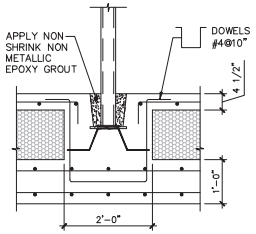
BASE PLATE DETAIL

SCALE: 1"=1'-0"



BASE PLATE (TOP VIEW)

SCALE: 3/4"=1'-0"



SECTION (4 / S-5.0)

SCALE: 3/4"=1'-0"

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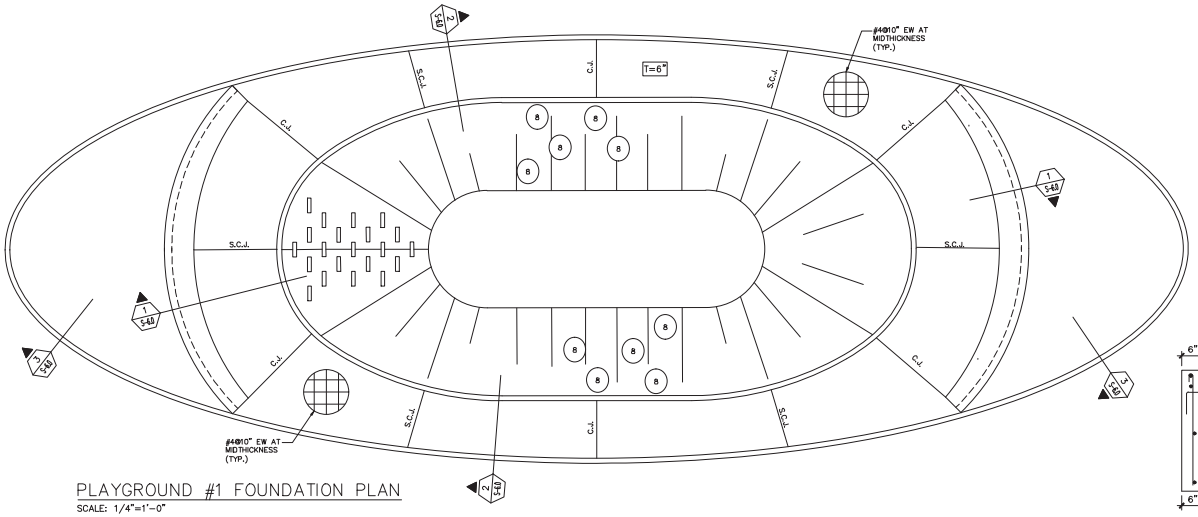
NO.	DATE	REVISION	BY	APPROVED

PROJECT

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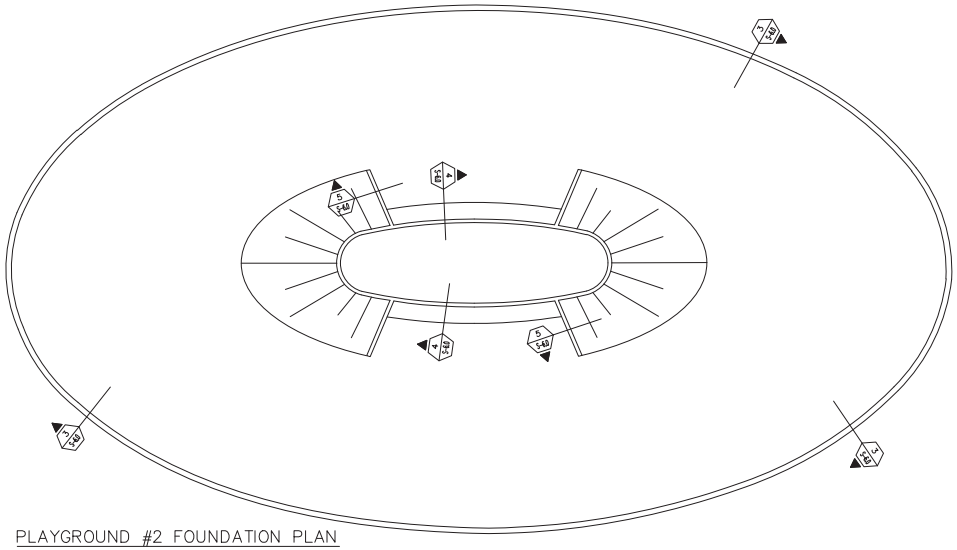
NUMBER	TOTAL
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DRAWING NUMBER
S-5.0



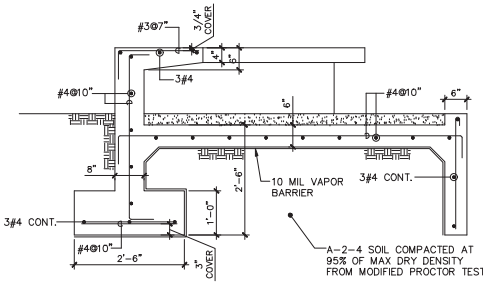
PLAYGROUND #1 FOUNDATION PLAN

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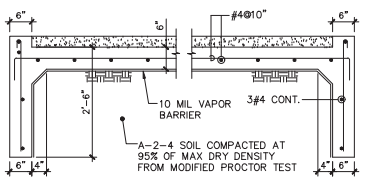
PLAYGROUND #2 FOUNDATION PLAN

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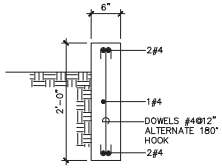
SECTION

SCALE: 3/4"=1'-0"



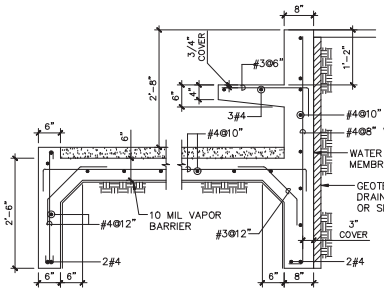
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SCALE: 3/4"=1'-0"



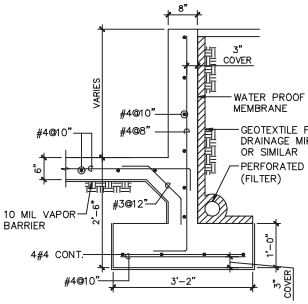
SECTION

SCALE: 1"=1'-0"



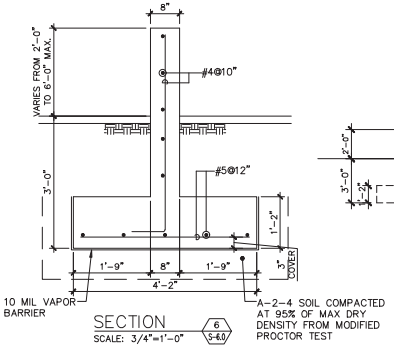
SECTION

SCALE: 3/4"=1'-0"



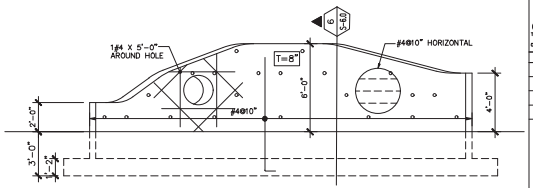
SECTION

SCALE: 3/4"=1'-0"



SECTION

SCALE: 3/4"=1'-0"



CLIMBING WALL DETAIL

SCALE: 1/4"=1'-0"

OCT-30-2023

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ARCHITECT LICENSE NO.7399

CONSULTANT'S SEAL

YO, LUIS DAZA DUARTE, LICENCIA #10707, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTENDIDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN ENCONFORMIDAD CON CÓDIGOS DE CONSTRUCCIÓN EQUIPO EL 2018 VIGENTE AL 110 ENO NOMBRE DE ESTE CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS YESPECIFICACIONES SE HA CUMPLIDO DE MANERA CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 339 DE 15 DE MAYO DE 1936, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA, SEGÚN APLIQUEN. RECONOZCO QUE CUALQUIER DESVIACIÓN O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PROCEDIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AUXILIARES O PERSONAL O POR TERCERA PERSONA CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA QUE

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLAYGROUND STRUCTURAL DETAILS

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES MADE TO THIS DRAWING MUST BE MADE ON THE ORIGINAL FILE ON CAD. FOR QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 64 | TOTAL 83

DRAWING NUMBER
S-6.0

PIPING/PLUMBING SYMBOLS

GATE VALVE

PLUG VALVE

BALL VALVE

GLOBE VALVE

BUTTERFLY VALVE

CHECK VALVE

THREE-WAY VALVE

PRESSURE SAFETY VALVE

CIRCUIT SETTER

PRESSURE REGULATING VALVE

FLANGED CONNECTIONS

PIPE ENDED WITH BLIND FLANGE

ORIFICE

STRAINER

STEAM TRAP

SLOPE

REDUCER ECCENTRIC

REDUCER CONCENTRIC

FLOW ARROW

PLUG

EXPANSION JOINT/FLEX JOINT

AUTOMATIC AIR VENT

REV FLAG

S — SYSTEM BOUNDARY

PIPE LINE BREAK CONTINUATION MARKER

PIPE END WITH CAP(WELDED OR SCREWED)

FLEXIBLE HOSE OR PLASTIC TUBING

S-16 S-10 DENOTES SPEC. CHANGE

P — PURCHASED PACKAGE BOUNDARY

DRAIN

90° ELBOW DOWN

90° ELBOW UP

FLOOR CLEANOUT

FLOOR DRAIN

TEE UP

TEE DOWN

PIPE OFFSET DOWN AT 45^

PIPE OFFSET UP AT 45^

TRICLOVER FITTING

DRAIN

BACKFLOW PREVENTER
DOUBLE CHECK VALVE (SOFT SEATED)

TP
XX-XXX
CONNECTION TO EXISTING

PIPING/PLUMBING NOTES:

1. LOCATION PLANS ARE BASED UPON NON-CERTIFIED INFORMATION. CONTRACTOR TO COORDINATE INSTALLATION, PER CERTIFIED INFORMATION. CONTRACTOR MUST FIELD VERIFY ALL LOCATION DIMENSIONS BEFORE SETTING EQUIPMENT.

2. PIPING DESIGN IS BASED UPON NON-CERTIFIED INFORMATION. MECHANICAL CONTRACTOR TO CONFIRM FINAL PIT-UP DIMENSIONS OF PIPING IN FIELD, PER CERTIFIED INFORMATION OF DETAILED EQUIPMENT LAYOUT, EQUIPMENT LOCATION AND THE EXACT LOCATION OF SERVICE CONNECTIONS, PRIOR TO FABRICATION.

3. CONTRACTOR WILL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS, AND OTHER INFORMATION KNOWN TO CONTRACTOR AND COMPARE SUCH DATA TO THE DESIGN DOCUMENTS BEFORE COMMENCING ANY WORK ACTIVITIES. ANY DEVIATIONS BETWEEN FIELD CONDITIONS AND DESIGN DOCUMENTS WILL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER IMMEDIATELY IN A FORMAL MANNER. COORDINATION OF WORK ACTIVITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

4. IN THE EVENT OF AN EXPRESS CONFLICT BETWEEN THE DOCUMENTS LISTED OR BETWEEN ANY OTHER DOCUMENTS WHICH ARE A PART OF THE CONTRACT, CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AND ENGINEER IMMEDIATELY AND SHALL COMPLY WITH ENGINEER'S RESOLUTION OF THE CONFLICT.

5. THE CONTRACTOR SHALL BE GUIDED IN HIS WORK BY ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, HVAC, ELECTRICAL AND FIRE PROTECTION DRAWINGS AND BY ALL OF THE OWNER'S EQUIPMENT DRAWINGS ISSUED THROUGH THE CONSTRUCTION MANAGER.

6. THE CONTRACTOR SHALL ADVISE THE CONSTRUCTION MANAGER AND ALL OTHER CONCERNED SUBCONTRACTORS ON THE PROJECT CONCERNING CONFLICTS, REVISIONS, ADDITIONS AND/OR DELETIONS TO ANY PHASE OF THE WORK THAT INVOLVES COORDINATION OR CORRELATION BETWEEN TRADES.

7. ALL PIPING SHALL BE ERECTED AND SUPPORTED IN A MANNER THAT WILL NOT PUT UNDUE STRAIN ON PUMPS, TANKS, FILTERS, EQUIPMENT OR TRI-CLAMP CONNECTIONS IN GENERAL. ANY REQUIRED VARIANCE OF THE SPECIFIED SUPPORTING REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND THE OWNER'S REPRESENTATIVE.

8. THE CONTRACTOR IS REQUIRED TO LOCATE FIELD WELDS FOR ALL PIPING INSTALLATIONS.

9. ALL PIPE HANGERS & SUPPORTS ARE TO BE FABRICATED ACCORDING TO DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR IS TO ADD ADDITIONAL SUPPORTS IN THE FIELD FOR FIELD ROUTED LINES AND AS REQUIRED PER FIELD CONDITIONS.

10. [NOT APPLICABLE]

11. [NOT APPLICABLE]

12. ALL PIPING PENETRATIONS THROUGH WALLS & CEILINGS ARE TO BE SEALED BY THE APPROPRIATE CONTRACTOR PER THE PENETRATION DETAILS SHOWN ON THE ARCHITECTURAL DRAWINGS. FIRE STOPS ARE REQUIRED FOR 4" AND LARGER PIPES PENETRATING THROUGH FIRE RATED WALLS.

13. ALL PIPING ROOF PENETRATIONS SHALL BE LOCATED BY THE MECHANICAL CONTRACTOR AND COORDINATED WITH THE ROOFING CONTRACTOR. THE ROOFING CONTRACTOR SHALL MAKE AND SEAL ALL ROOF PENETRATIONS.

14. MANUFACTURER'S NAMES AND MODEL NUMBERS REFERENCED IN SPECIFICATION ARE TO ESTABLISH QUALITY AND DESIGN. ALTERNATES MAY BE SUBMITTED TO OWNER FOR APPROVAL AS LONG AS THEY ARE EQUAL IN QUALITY AND DESIGN. UNAUTHORIZED SUBSTITUTIONS SHALL NOT BE PERMITTED.

15. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONAL DIFFERENCES WHERE OPTIONAL MATERIALS (MATERIALS OTHER THAN THOSE USED FOR DESIGN) ARE SELECTED.

16. THE INSULATION CONTRACTOR IS TO FURNISH A PROPERLY DESIGNED INSTALLATION IN ACCORDANCE WITH ACCEPTABLE CONSTRUCTION PRACTICES.

17. [NOT APPLICABLE]

18. CONTRACTOR SHALL INSPECT ALL STRAINER SCREENS AND VERIFY PROPER PERFORATION SIZE BEFORE INSTALLATION.

19. AIR AND/OR WATER, AS WELL AS PIPING, PUMPS, GAUGES, METERS, ETC., REQUIRED FOR TESTING SHALL BE PROVIDED BY THE CONTRACTOR. THE DISPOSITION OF WATER AFTER THE TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DISCHARGED AT A POINT DESIGNATED BY THE CONSTRUCTION MANAGER.

20. ALL EXPOSED CARBON STEEL PIPE SHALL BE PAINTED IN ACCORDANCE WITH SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE FOR TOUCH UP PAINTING OF EQUIPMENT USING PAINT THAT MATCHES FACTORY APPLIED PAINT IN COLOR, TYPE, QUALITY, ETC., SO THAT THE "TOUCH-UP" AREA DUPLICATES THE FACTORY APPLIED SURFACES.

21. ALL PIPE WELDERS TO HAVE CERTIFICATION OF COMPLIANCE WITH ASME SECTION IX AS OUTLINED IN SPECIFICATIONS.

22. THE CONTRACTOR SHALL WARRANT ALL WORK PERFORMED AS SPECIFIED IN THE GENERAL CONDITIONS OF THE CONTRACT. DEFECTIVE EQUIPMENT AND MATERIALS, LEAKS AND FAILURE TO MAINTAIN SPECIFIED CAPACITIES, AS WELL AS IMPROPER AND/OR POOR WORKMANSHIP SHALL BE COVERED.

23. THE CONTRACTOR SHALL REPLACE ALL MATERIALS, APPARATUS OR EQUIPMENT, EITHER IN WHOLE OR IN PART, SO THAT THE ITEMS OPERATE AS ORIGINALLY SPECIFIED OR INTENDED AS IN ACCORDANCE WITH SPECIFICATIONS, THE COST AS WELL AS ANY COST INVOLVING DAMAGES TO OTHER TRADES DURING REPLACEMENT SHALL BE AT THE EXPENSE OF THIS CONTRACTOR.

24. THE CONTRACTOR SHALL:

A) UNLESS OTHERWISE SPECIFIED, COMPLY WITH MANUFACTURER'S LATEST PRINTED INSTRUCTIONS FOR MATERIALS, SUPPLY, STORAGE, AND INSTALLATION METHODS.

B) NOTIFY ENGINEER IN WRITING OF ANY CONFLICT BETWEEN THESE SPECIFICATIONS AND THE MANUFACTURER'S INSTRUCTIONS. ENGINEER WILL DESIGNATE WHICH DOCUMENT IS TO BE FOLLOWED.

25. THE EQUIPMENT AND INSTALLATION SHALL BE IN ACCORDANCE WITH APPLICABLE PORTION OF THE LATEST EDITION OF THE FOLLOWING CODES AND STANDARDS IN EFFECT AT THE TIME OF THE CONTRACT AWARD.

A) FEDERAL OCCUPATION SAFETY AND HEALTH ACT (OSHA).
B) AMERICAN WELDING SOCIETY (AWS).
C) AMERICAN WATER WORKS ASSOCIATION (AWWA).
D) AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME).
E) MANUFACTURER STANDARDIZATION SOCIETY OF THE VALVE AND FITTING INDUSTRY (MSS).
F) MANUFACTURER'S STANDARDS AND RECOMMENDATIONS FOOD AND DRUG ADMINISTRATION (FDA).
G) UNDERWRITER'S LABORATORIES LISTING (UL).
H) APPLICABLE STATE, COUNTY, CITY OR LOCAL CODES.
I) AMERICAN SOCIETY OF TESTING MATERIALS (ASTM).
J) INTERNATIONAL BUILDING CODE.
K) COMPRESSED GAS ASSOCIATION (CGA).

26. [NOT APPLICABLE]

27. [NOT APPLICABLE]

28. ALL PLUMBING SHALL BE IN STRICT ACCORDANCE WITH THE REGULATIONS OF THE DEPARTMENT OF HEALTH OF PUERTO RICO, THE LOCAL BUILDING CODE AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.

29. [NOT APPLICABLE]

30. ALL VALVES NOT EXPOSED SHALL BE MADE ACCESSIBLE FOR MAINTENANCE. ACCESS DOOR SHALL BE AS SPECIFIED OR AS REQUIRED BY THE ARCHITECT.

31. THE PLUMBING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/ OR EQUIPMENT BEING INSTALLED BY OTHER SUBCONTRACTOR.

32. THESE NOTES AS WELL AS THE LEGEND AND DETAILS APPLY TO ALL PLUMBING WORK FOR THE PROJECT.

33. THE CONTRACTOR SHALL FURNISH AND SET IN PLACE BEFORE CONCRETE POURING ALL NECESSARY SLEEVES FOR WASTE OR SOIL, VENTS AND COLD/HOT WATER AND LINES THESE SLEEVES SHALL BE AS SPECIFIED OR REQUIRED BY THE ARCHITECT.

34. CLEANOUTS SHALL BE NOT MORE THAN 50 FEET APART IN HORIZONTAL DRAINAGE LINES OF 4" NOMINAL DIAMETER OR LESS AND NOT MORE THAN 100 FEET APART FOR LARGER PIPES.

35. CLEANOUTS SHALL BE OF THE SAME NOMINAL SIZE AS THE PIPES UP TO 4" AND NOT LESS THAN 4" FOR LARGER PIPING.

36. ALL HORIZONTAL PORTIONS OF SOIL OR WASTE STACKS AND BRANCHES SMALLER THAN 4" SHALL SLOPE 1/4" PER FOOT, ALL OTHERS SHALL SLOPE 1/8" PER FOOT.

37. [NOT APPLICABLE]

38. CONTRACTOR TO MAINTAIN A RECORD SET OF DRAWING REFLECTING ACTUAL "AS-BUILT" CONDITIONS TO BE TURNED-OVER TO THE OWNER AFTER PROJECT COMPLETION.

39. [NOT APPLICABLE]

40. CONTRACTOR TO TIE-IN NEW "CW" "SS" "V" TO EXISTING LINE. RESPECTIVELY AT LOCATION SHOWN. CONTRACTOR TO PROVIDE MATERIAL AND LABOR AS NECESSARY TO ADJUST TO ACTUAL LOCATION, SIZE, MATERIAL OF CONSTRUCTION, ETC.

40. ALL EQUIPMENT AND PIPING SHALL BE PROVIDED WITH HIGHPOINT VENTS AND LOWPOINT DRAINS. VENT AND DRAIN CONNECTIONS SHALL BE FITTED WITH A ISOLATOR BALL VALVE. PROVIDE REMOVABLE PLUG ON LOW POINT DRAIN VALVES TO AVOID ACCIDENTAL SPILL.

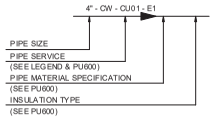
PIPING/PLUMBING ABBREVIATIONS

AHU	AIR HANDLING UNIT
AS	AIR SEPARATOR
CA	COMPRESSED AIR
CC	COLD CONSERVATION
CH	CHILLER
CHP	CHILLED WATER PUMP
CO	CLEAN OUT
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
DPT	DIFFERENTIAL PRESSURE SWITCH
DR	DRAIN
ET	EXPANSION TANK
FD	FLOOR DRAIN
FV	FLOAT VALVE
EJ/FJ	EXPANSION JOINT/FLEX JOINT
HC	HEAT CONSERVATION
GPM	GALLONS PER MINUTE
LG	LEVEL GAGE
NC	NORMALLY CLOSE
NO	NORMALLY OPEN
P	PUMP
PI	PRESSURE INDICATOR
P&ID	PIPING & INSTRUMENTATION DIAGRAM
PP	PERSONNEL PROTECTION
PS	PIPE SUPPORT
PSIG	POUNDS PER SQUARE INCH (GAGE)
PSV	PRESSURE SAFETY VALVE
SD	SUCTION DIFFUSER
TCV	TEMPERATURE CONTROL VALVE
TDV	TRIPLE DUTY VALVE
TI	TEMPERATURE INDICATOR
TW	THERMO WELL
WH	WATER HEATER
WHP	WATER HEATER PUMP
WM	WATER METER
WP	WATER PRESSURE BOOSTER SKID
HTP	HEAT TRANSFER PACKAGE

PIPING/PLUMBING SERVICE ABBREVIATIONS

CW	DOMESTIC COLD WATER
HW	DOMESTIC HOT WATER
CWR	DOMESTIC COLD WATER RISER
HWR	DOMESTIC HOT WATER RISER
RG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
SAN	SANITARY WASTE
SAN	SANITARY WASTE
SS	SANITARY WASTE SOIL STACK
WS	SANITARY WASTE WASTE STACK
CCD	COLD CONDENSATE DRAIN
V	SANITARY VENT
VTR	SANITARY VENT - VENT THRU ROOF
VS	SANITARY VENT - VENT STACK

PIPING/PLUMBING LINE DESIGNATION LEGEND



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DRAWING NAME
PIPING/PLUMBING NOTES

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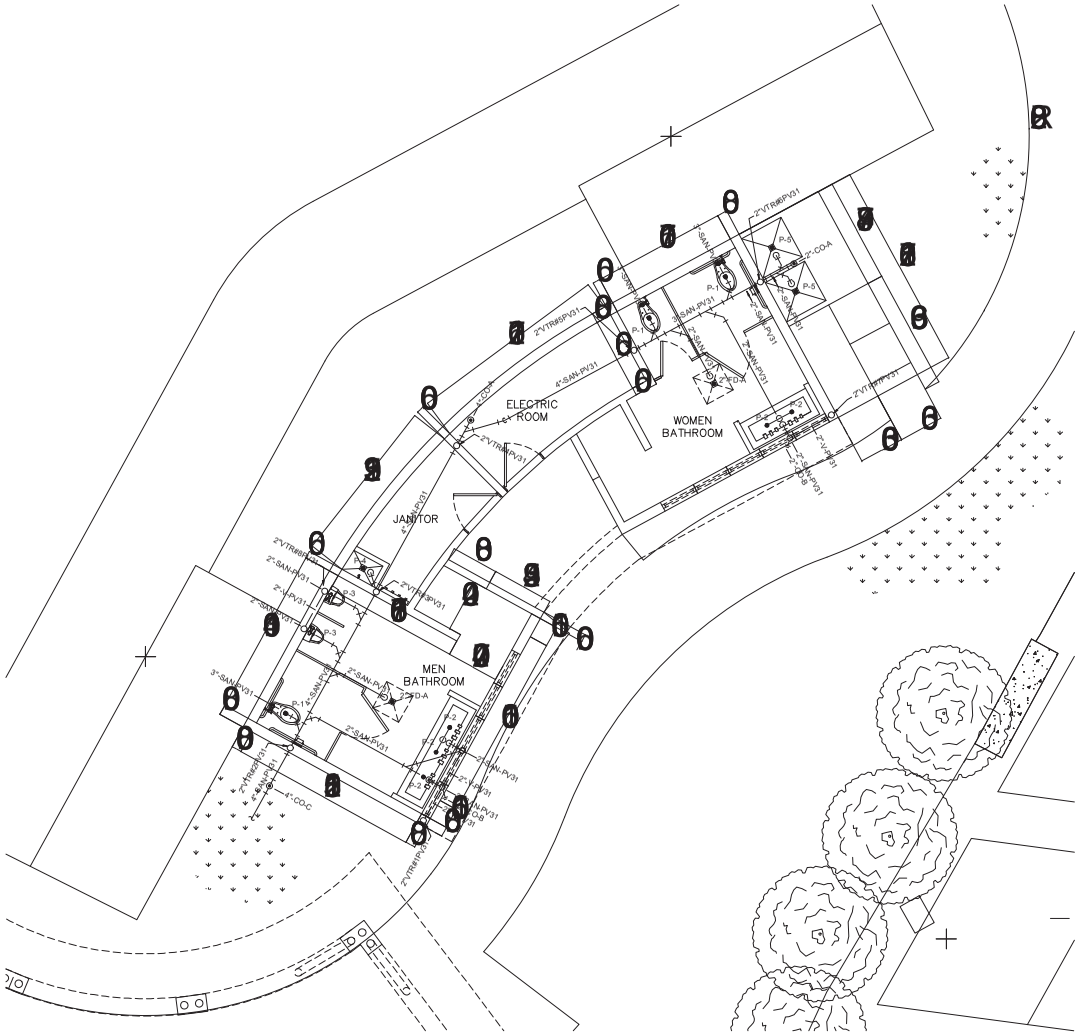
NO.	DATE	REVISION	BY	APPROVED
B	10/27/23	ISSUED FOR REVIEW	AA	AA
A	5/25/23	ISSUED FOR REVIEW	AA	AA

PROJECT

DRAWING BY/CHECKED BY
AA AA

NUMBER	TOTAL
65	83

DRAWING NUMBER
P-0.1



1 SANITARY SEWER PIPING FLOOR PLAN
SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE ROUGH-IN SCHEDULE

LEGEND	DESCRIPTION	WATER SUPPLY SIZE				TRAP SIZE	VENT SIZE	REMARKS
		BRANCH		FIXTURE				
		COLD	HOT	COLD	HOT			
P-1	FLUSH VALVE WATER CLOSET	1"	-	1"	-	3"	2"	
P-2	LAVATORY	1/2"	-	3/8"	-	1-1/2"	1-1/2"	
P-3	FLUSH VALVE URINAL	3/4"	-	3/4"	-	2"	2"	
P-4	SERVICE SINK	1/2"	-	3/8"	-	1-1/2"	1-1/2"	2
P-5	SHOWER STALL	1/2"	-	1/2"	-	2"	1-1/2"	1
HB-1	HOSE BIBB	1/2"	-	-	-	-	-	

REMARKS

1. PROVIDE STAINLESS STEEL FLOOR DRAIN FD-B
2. PROVIDE STAINLESS STEEL FLOOR DRAIN FD-A WALL HOSE BIBB (1/2" DIAMETER)

PLUMBING ACCESSORIES SCHEDULE

TAG	DESCRIPTION	SPECIFICATION	SIMILAR TO
CO-A	FLOOR CLEANOUT FINISHED FLOOR (TILES)	COATED CAST IRON FLOOR CLEANOUT, INTERNAL ABS CLEANOUT PLUG, ADJUSTABLE CAST IRON HOUSING WITH MEDIUM-DUTY SCORIATED SECURED NIKALOY COVER AND SQUARE FRAME. DIMENSION AS SHOWN IN FLOOR PLAN.	JOSAM SERIES 55000-SQ
CO-B	WALL CLEAN OUT	COATED CAST IRON CLEANOUT TEE AND RECESSED BRONZE N.P.T. THREADED PLUG. DIMENSION AS SHOWN IN FLOOR PLAN. WHERE EXPOSE, PROVIDE ROUND STAINLESS STEEL WALL ACCESS COVER WITH SCREW.	JOSAM SERIES 58910 WITH 58600
CO-C	FLOOR CLEANOUT ON GRADE (NO FLOOR)	PLASTIC PVC, TYPE I FITTING CLEAN OUT ADAPTER AND FLUSH CLEAN OUT PLUG. PROVIDE A 18" X 18" X 6" CONCRETE BLOCK FOR CLEAN OUTS ON GRADE	CHARLOTTE PIPE PVC
FD-A	FLOOR DRAIN	STAINLESS STEEL (304) FLOOR DRAIN,6" X 6" SQUARE TOP, 6" DEEP, NO-HUB OUTLET. DIMENSION AS SHOWN IN FLOOR PLAN. WITH FILTER BASKET. PROVIDE BACKFLOW PREVENTER DIAPHRAGM SIMILAR TO PROVENT TRAP GUARD	JOSAM SERIES 41330 - FB
FD-B	FLOOR DRAIN SHOWERS (P-5)	304 STAINLESS STEEL SHOWER CHANNELS. WITH STANDARD 2" NO-HUB CONNECTION, ANCHOR TABS, LEVELING FEET AND GRATES. PROVIDE BACKFLOW PREVENTER DIAPHRAGM SIMILAR TO PROVENT TRAP GUARD	JOSAM SERIES 46200 46242
WHA-A	WATER HAMMER ARRESTOR	11 FIXTURE UNITS OR LESS. SHOCK ABSORBER/WATER HAMMER ARRESTOR WITH STAINLESS STEEL SHELL, HYDRO-PNEUMATIC CUSHION OF NITROGEN GAS, STAINLESS STEEL BELLOWS AND STAINLESS STEEL MALE THREADED PIPE NIPPLE. PROVIDE SHUT OFF VALVE WHEN INSTALLED ON MAIN PIPE. PROVIDE ACCESS DOOR IF INSTALLED INSIDE A WALL ,OR OVER A GYPSUM BOARD CEILING. PROVIDE 12" X 12" X 6" STAINLESS STEEL RECESSED VALVE BOX SIMILAR TO BEST ACCESS DOORS MODEL BA-ARVB-12-12-6	JOSAM SERIES 75001A
HB-1	HOSE BIBB	1/2" DIAMETER	MULLER 103-003NL
AD-A	STAINLESS STEEL RECESSED VALVE BOX	12" X 12" X 6" STAINLESS STEEL RECESSED VALVE BOX. 16 GAUGE DOOR. SCREWDRIVER OPERATED CAM LATCH. HINGE: CONTINUOUS, CONCEALED	BEST ACCESS DOORS MODEL BA-ARVB-12-12-6

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SANITARY SEWER PIPING FLOOR PLAN AND SCHEDULES

THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

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A	5/25/23	ISSUED FOR REVIEW	AA	AA

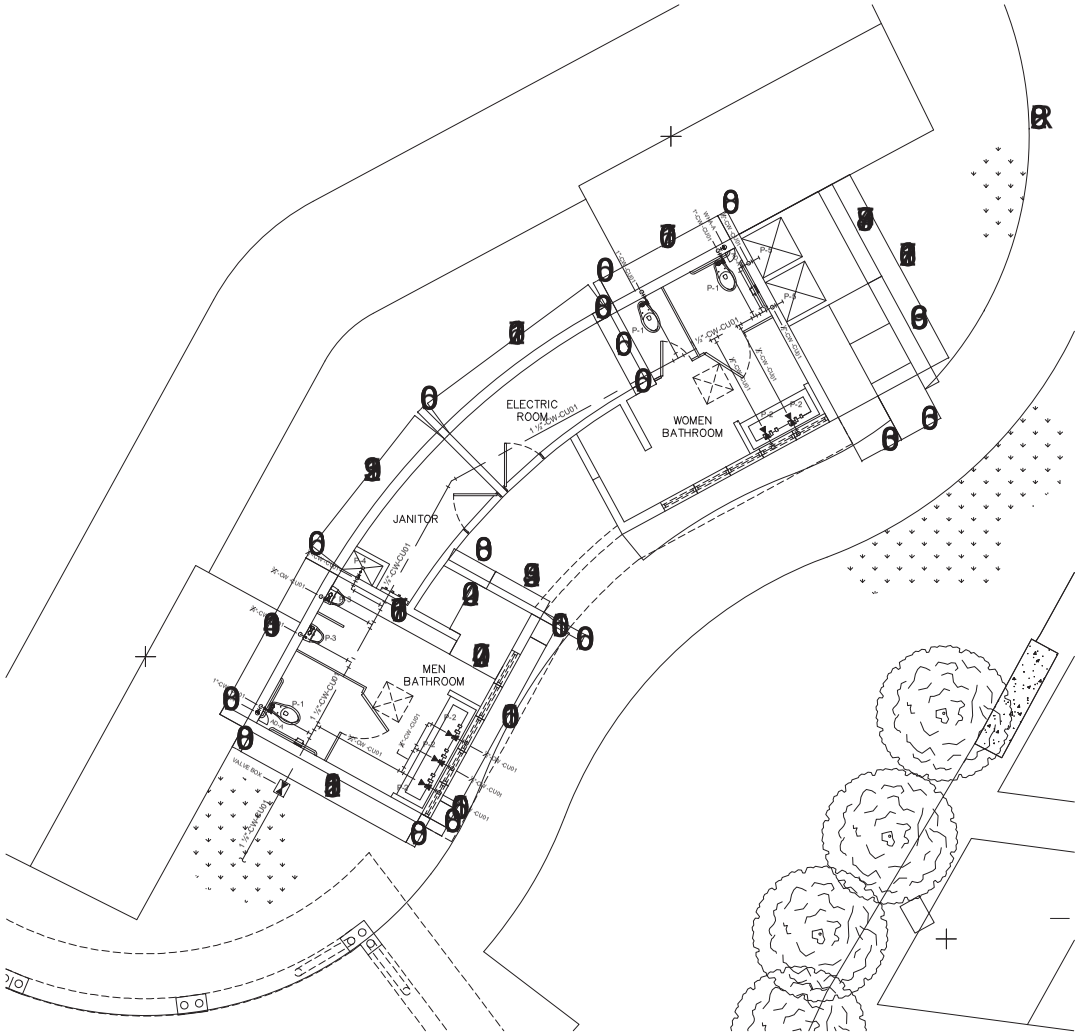
PROJECT

DRAWING BY/CHECKED BY
AA AA

NUMBER 66

TOTAL 83

DRAWING NUMBER
P-1.0



① POTABLE WATER PIPING FLOOR PLAN
SCALE: 1/4" = 1'-0"

PIPING MATERIAL SCHEDULE

Service		Condition	Piping Material
Tag	Description		SPEC TAG
CW	Domestic Cold Water	All	CU01
SAN	Sanitary Waste	Underground	PV31
SAN	Sanitary Waste	Aboveground	PV31
V	Sanitary Vent	All	PV31
VTR	Sanitary Vent - Vent Thru Roof	All	PV31

PIPING MATERIAL SPEC SCHEDULE

Tag	Material	SPECIFICATION
CU01	Copper Tubing, Type L, General	Copper, ASTM B88, hard drawn, seamless, Type L. Tubing used in potable water systems shall be NSF 61 certified, and lead free (< 0.25% lead by weight on wetted parts.)
PV31	PVC, Polyvinyl Chloride Pipe, Waste System	Polyvinyl Chloride (PVC) pipe, ASTM D1784, cell class 12454, and conforming to NSF standard 14. Pipe shall be iron pipe size (IPS) conforming to ASTM D1785 and D2665.
PV34	CPVC Waste System	Chlorinated Polyvinyl Chloride (CPVC) pipe, ASTM F2618, Type IV, Grade I, cell class 24447, ASTM D1784, and conforming to NSF standard 14. Piping shall bear the mark NSF-cw for use in corrosive waste drainage.

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CLIENT

MANAGER
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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
POTABLE WATER PIPING FLOOR PLAN AND SCHEDULES

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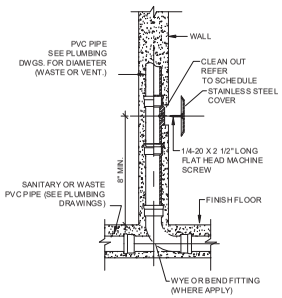
PROJECT

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NUMBER 67

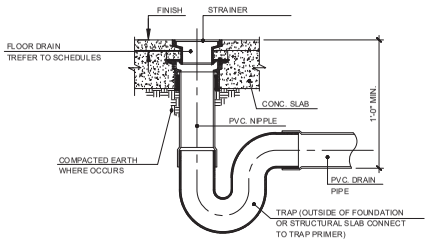
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DRAWING NUMBER
P—1.1



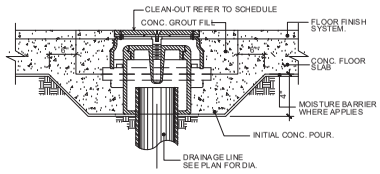
TYPICAL CLEANOUT INSTALLATION AT WALLFLUSH WITH WALL COVER

1 NOT TO SCALE



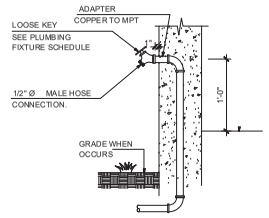
TYP. FLOOR DRAIN DETAIL

2 NOT TO SCALE



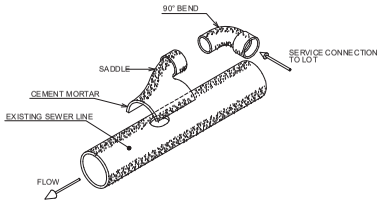
TYPICAL FLUSH WITH FLOOR CLEANOUT DETAIL

3 NOT TO SCALE



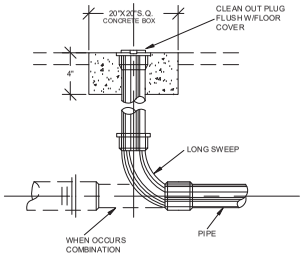
WALL MOUNTED HOSE BIBB DETAIL

4 NOT TO SCALE



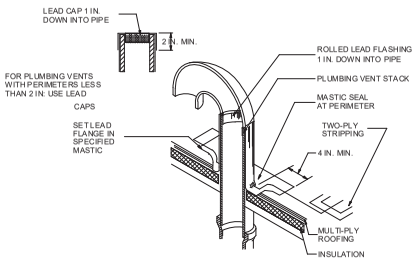
DETAIL OF SADDLE CONNECTION

5 NOT TO SCALE



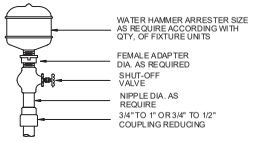
CLEAN OUT DETAIL EXTERIOR

6 NOT TO SCALE



VENT PENETRATION DETAIL

7 NOT TO SCALE

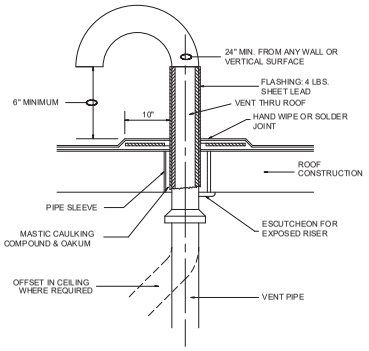


ELEVATION

NOTE: PROVIDE ACCESS PANEL IN WALL HIGHPOINT PIPE

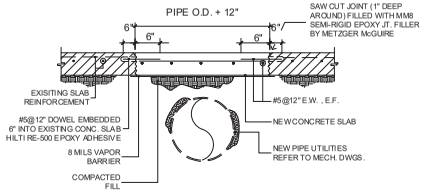
WATER HAMMER ARRESTER DETAIL (WHA)

8 NOT TO SCALE



VENT THRU ROOF DETAIL

9 NOT TO SCALE



CONCRETE SLAB PATCH FOR UNDERGROUND PIPE INSTALLATION

10 NOT TO SCALE

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DRAWING NAME
PIPING/PLUMBING DETAILS

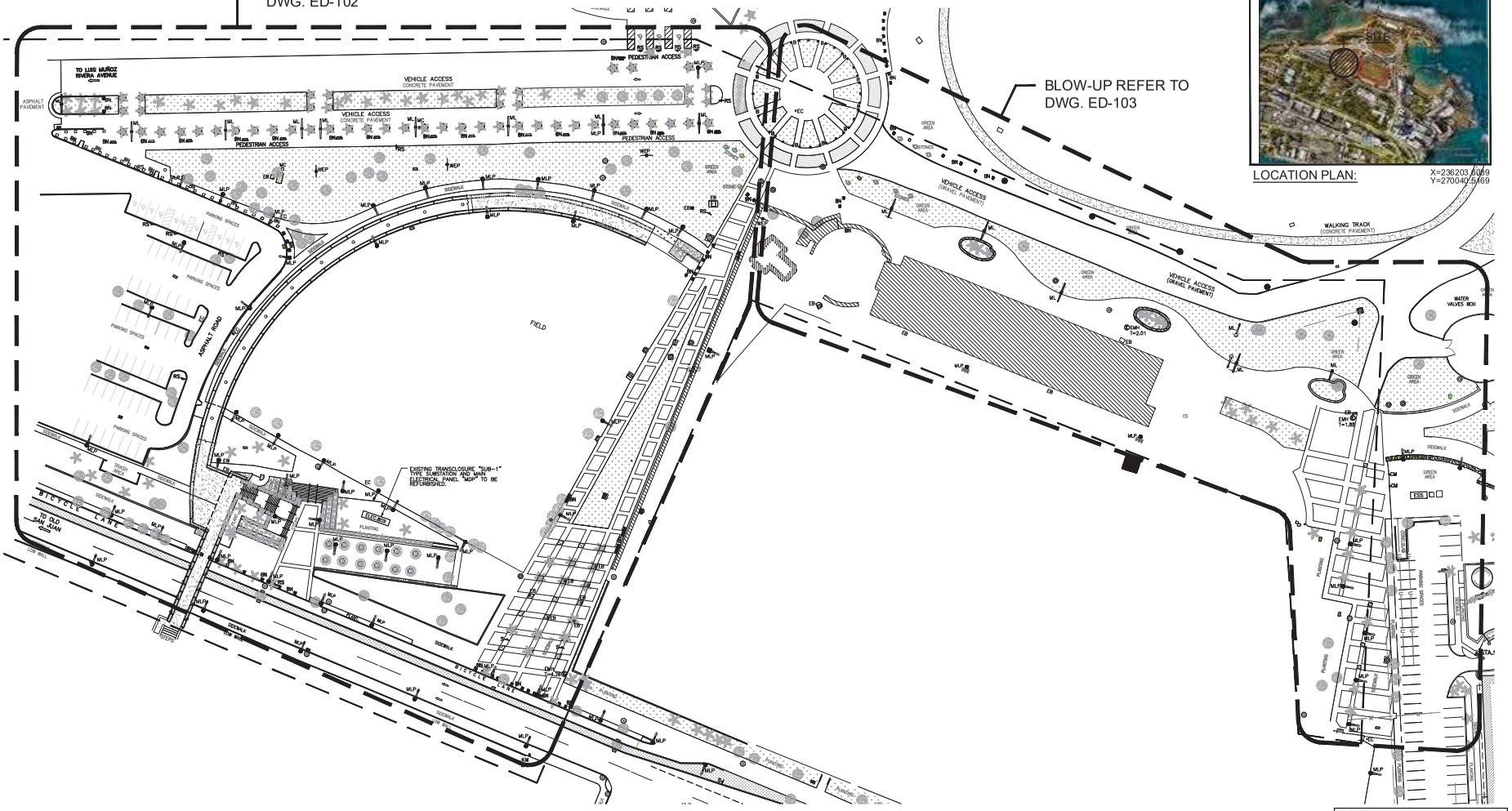
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PROJECT	
DRAWING BY/CHECKED BY	
AA	AA

NUMBER	TOTAL
68	83

DRAWING NUMBER
P-2.0



ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:500



LOCATION PLAN: X=236203.6069 Y=270040.5169

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PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT

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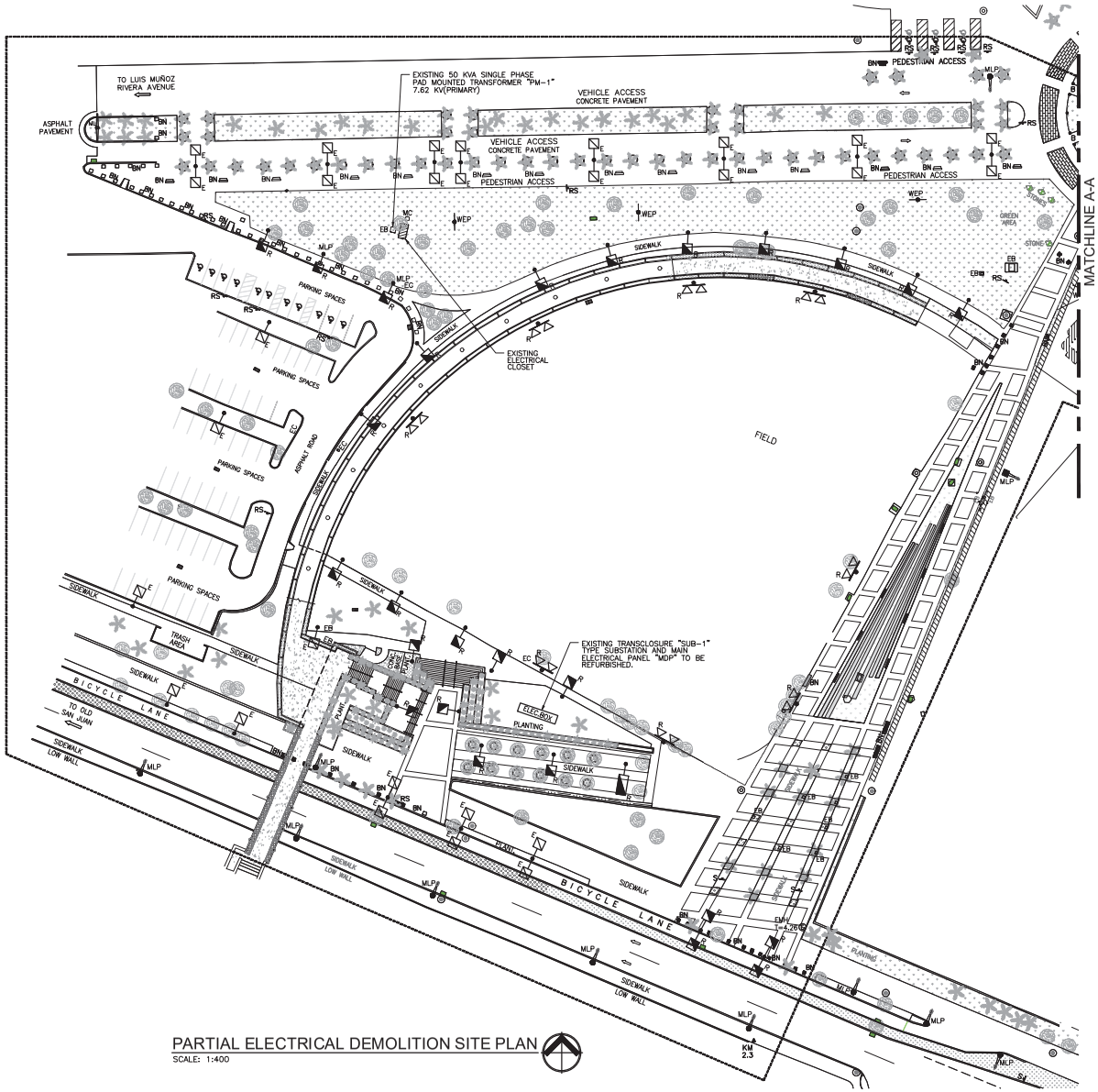
PROJECT
—

DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
69	83

DRAWING NUMBER
ED-101

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PARTIAL ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:400

GENERAL ELECTRICAL DEMOLITION NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND BUILDINGS TO VERIFY THE EXISTING CONDITIONS BEFORE STARTING WORK. EXAMINE THE BUILDING TO DETERMINE ACTUAL CONDITIONS AND EXTENT OF WORK PRIOR TO BIDDING THE PROJECT. REFER ANY UNCLEAR DETAILS OR CONFLICTS TO THE ARCHITECT/ENGINEER FOR CLARIFICATION PRIOR TO BIDDING THE DRAWINGS.
2. VERIFY THAT THE WIRING AND EQUIPMENT INDICATED TO BE DEMOLISHED SERVES ONLY THE ABANDONED FACILITIES.
3. DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATIONS AND EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO ARCHITECT/ ENGINEER BEFORE DISTURBING THE EXISTING INSTALLATION.
4. DEMOLISH AND REMOVE ALL THE ELECTRICAL SYSTEM INDICATED FOR DEMOLITION. NO PORTION OF THESE SYSTEMS MAY BE ABANDONED IN PLACE.
5. REMOVE ABANDONED WIRING AND CONDUITS TO THE SOURCE OF SUPPLY.
6. CONTRACTOR SHALL VERIFY AND CONFIRM THAT THE AREAS TO BE DEMOLISHED ARE DISCONNECTED FROM THE POWER SOURCE BEFORE THE DEMOLITION BEGINS.
7. DISPOSE OF FLUORESCENT LAMPS, BALLAST, AND ANY THEIR HAZARDOUS MATERIALS ACCORDING WITH THE STATE, LOCAL AND FEDERAL REGULATIONS.
8. NO WORK CAN COMMENCE UNTIL EVIDENCE IS SUPPLIED TO THE DEMOLITION CONTRACTOR OF DISCONNECTION OF THE MAIN ELECTRICAL SERVICE TO THE PROJECT SITE AND TO EACH OF THE BUILDINGS AND STRUCTURES OF THE PROJECT. FOR ANY LIVE POWER STILL ON SITE A LIVE POWER DANGER STICKER IS REQUIRED.
9. CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL UTILITY COMPANY (LUMA) ALL THE WORK NEEDED TO DISCONNECT THE PROJECT FROM THE ELECTRICAL UTILITY PRIMARY AND SECONDARY SERVICE LINES BEFORE STARTING ANY WORK.
10. CONTRACTOR SHALL NOT COMMENCE UNTIL IT HAS CONFIRM THAT ALL OF THE SWITCHING UNITS, TRANSFORMERS, METERBANKS, ELECTRICAL PANELS, LIGHTING FIXTURES AND ANY OTHER ELECTRICAL DEVICES IN THE BUILDING AND SITES ARE DISCONNECTED FROM THE MAIN ELECTRICAL SERVICE AND ARE DE-ENERGIZED BEFORE THE REMOVAL.
11. CONTRACTOR SHALL VERIFY TRANSFORMERS WITH PCB ARE DISPOSE AS PER LOCAL AND FEDERAL REGULATIONS.
12. ALL THE UNDERGROUND AND AERIAL ELECTRICAL LINES SPECIFIED AS TO BE REMOVED SHALL BE DISPOSED BY THE CONTRACTOR.
13. CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ALL THE SURPLUS MATERIALS, DEMOLISHED MATERIALS AND DEBRIS GENERATED BY THE ELECTRICAL WORK.
14. LOCATION OF EXISTING ELECTRICAL EQUIPMENT SHALL BE VERIFIED ON FIELD.
15. REMOVE ALL EXPOSED ELECTRICAL INSTALLATIONS.
16. THE DEMOLITION DRAWINGS DO NOT SHOWN NECESSARILY THE SEQUENCE OF THE DEMOLITION WORK. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL THE WORK WITH THE DEMOLITION CONTRACTOR, OWNER AND THE ARCHITECT/ENGINEERS OF THE PROJECT.
17. CONTRACTOR SHALL REMOVE OF ALL THE ELECTRICAL LINES AND CONDUITS CONNECTED TO POLES TO BE DEMOLISHED.
18. CONTRACTOR SHALL REMOVE AND DEMOLISH ALL EQUIPMENTS LOCATED IN ELECTRICAL VAULTS.
19. THE INFORMATION ON THE DRAWINGS AND NOTES INCLUDED ON THE DRAWINGS OR THE INVOLUNTARY OMMISION OF OTHERS DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY OF VISITING THE PROJECT SITE AND MAKE HIMSELF COMPLETELY AWARE OF ALL THE CONDITIONS INVOLVE IN THE PROJECT OF PREPARING HIS OWN EXISTING CONDITION AND DEMOLITION RESEARCH, AND TO INCLUDE THE NECESSARY COST IN HIS BID TO COVER ALL THE DEMOLITION REQUIRED TO COMPLETE THE DEMOLITION WORK REQUIRED ON THE CONTRACT DOCUMENT.
20. BEFORE STARTING ANY WORK THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PUERTO RICO ELECTRICAL AND POWER AUTHORITY (LUMA) AND THE JUNTA REGLAMENTADORA DE TELECOMUNICACIONES DE PUERTO RICO (JRTPR).
21. ELECTRICAL DISCONNECTION SHALL BE PERFORMED BY A LICENSED ELECTRICAL ENGINEER AND ELECTRICIAN.
22. UNDERGROUND LINES SHOWN ON DRAWINGS ARE DIAGRAMATIC. CONTRACTOR IS RESPONSIBLE OF TRACING ALL ELECTRICAL LIGHTING, TELEPHONE, CABLE TV AND TELECOMMUNICATION UNDERGROUND LINES AND REMOVE THEM ACCORDING TO THE REQUIREMENTS SHOWN ON THE DRAWINGS.

ELECTRICAL SITE LEGEND:

- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMOVED.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING BALLPARK LIGHTING POLE AND LUMINAIRES TO BE REMOVED.

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CONSULTANT'S SEAL

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PARTIAL ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

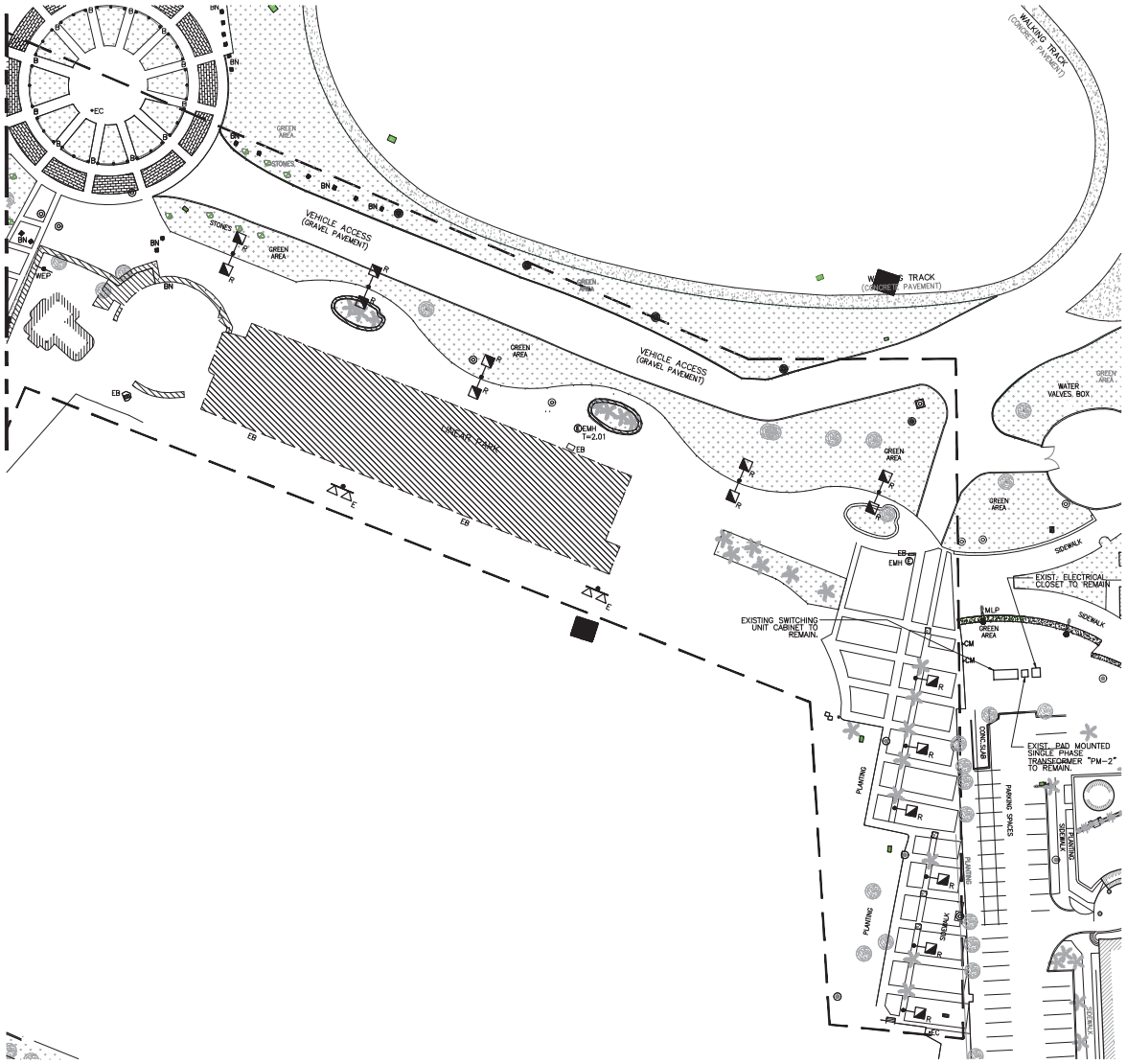
NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BIDS DELIVERY	JST	JST

PROJECT
--
DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
70	83

DRAWING NUMBER
ED-102

JORGE SANTOS TRISTANI
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SAN JUAN, P.R. 00909
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PARTIAL ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:400

NOTES:

1. FOR ELECTRICAL DEMOLITION LEGEND AND DEMOLITION NOTES SEE DWG. ED-102.

ELECTRICAL SITE LEGEND:

- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMOVED.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING BALLPARK LIGHTING POLE AND LUMINAIRES TO BE REMOVED.
- EXISTING TRACK AND FIELD LIGHTING POLE AND LUMINAIRES TO REMAIN.

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CONSULTANT'S SEAL

YO, JORGE SANTORI TRISTANI, INGENIERO LICENCIADO #18424, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ LOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES SUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CONJURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON EL CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. (EN EL CASO, AQUÍ APLICABLE) LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LOS DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA, SEGÚN APLIQUES. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, MEDIACIÓN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OSPE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PARTIAL ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOK DELIVERY	JST	JST

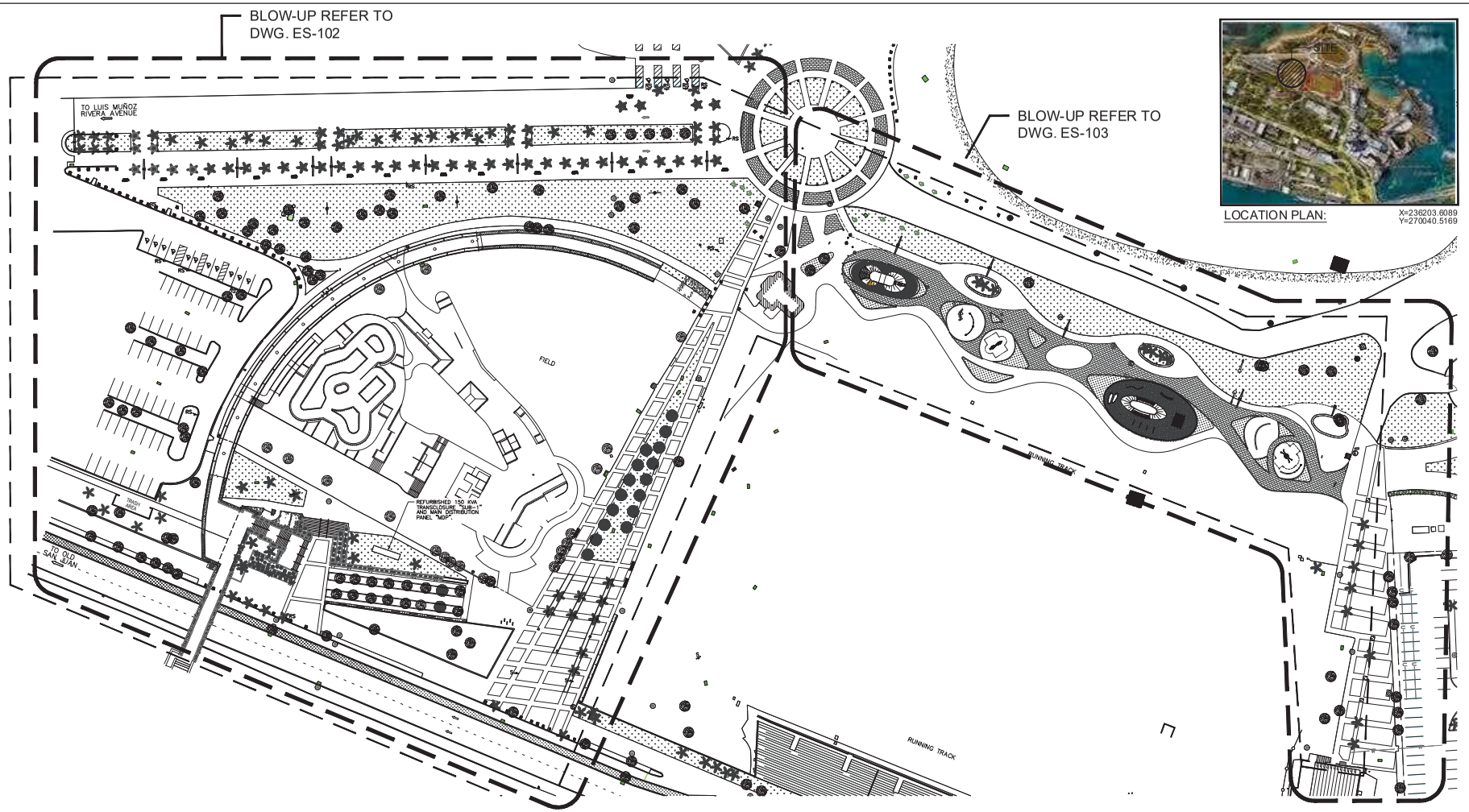
PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
71	83

DRAWING NUMBER
ED-103

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PROPOSED ELECTRICAL AND LIGHTING
SITE PLAN

SCALE: 1:500

LOCATION PLAN:

X=236203.6089
Y=270040.5169

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND
PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY
OF SAN JUAN

PROJECT
ESCAMBROM
SKATEPARK AND
INSPROVEMENTS OF
TERCER MILENIO PARK

DRAWING NAME
PROPOSED ELECTRICAL
AND LIGHTING SITE PLAN

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2020.10.27	90% DELIVERY	JST	JST

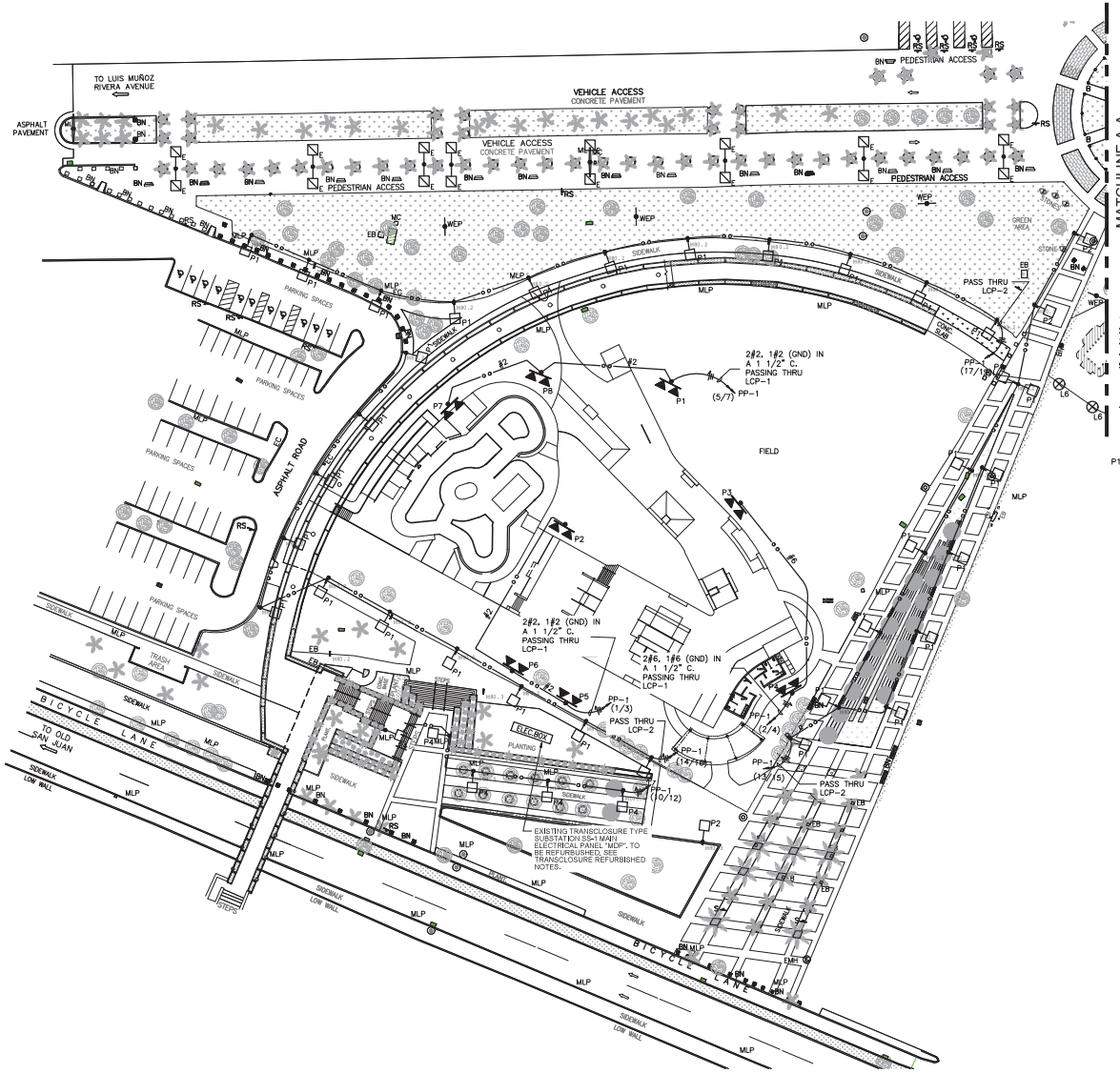
PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
72	83

DRAWING NUMBER
ES-101

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PROPOSED ELECTRICAL AND LIGHTING
PARTIAL SITE PLAN
SCALE: 1:400



LOCATION PLAN: X=236203.6089 Y=270040.5169

NOTES:

1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001.
2. FOR LIGHTING SITE SCHEDULE SEE DWG. ES-107.
3. REFER TO STRUCTURAL DRAWINGS FOR POLE CONCRETE BASES.
4. FOR LUMA GENERAL NOTES SEE DWG. ES-106.
5. REFER TO DWG. ES-107 FOR THE SKATE PARK LIGHTING POLE SCHEDULE.

LIGHTING SITE LEGEND:

- P1 — NEW SINGLE ARM POLE AND LUMINAIRE. "P1" INDICATES POLE AND LUMINAIRE DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAIL.
- P1 P2 L1 — SAME AS ABOVE, BUT DOUBLE ARM.
- NEW LIGHTING BOLLARD. "L1" INDICATES BOLLARD DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAILS.
- #8 (1) — NEW LIGHTING CIRCUIT, 24" BELOW FINISHED GRADE. DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
- PP (1,2) — HOME RUN TO PANEL, 24" BELOW FINISHED GRADE. "PP" INDICATES DESTINATION PANEL AND THE NUMBERS INDICATES CIRCUIT NUMBERS (IF NUMBERS ARE SEPARATED BY "/ " THIS MEANS THAT IS A MULTIPOLE CIRCUIT)DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
- E — EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- E E — SAME AS ABOVE, BUT DOUBLE ARM.
- P1 — NEW SKATEPARK LIGHTING POLE AND LUMINAIRES. REFER TO MUSCO POLE SCHEDULE FOR DETAILS.

TRANSCLOSURE REFURBISH NOTES:

THE EXISTING SKATE PARK TRANSCLOSURE SUBSTATION MUST BE REPAIR. THE FOLLOWING JOBS MUST BE DONE AS PART OF THE REPAIR.

1. COORDINATE ALL OF THE WORK WITH LUMA BEFORE PURCHASING ANY EQUIPMENT AND STARTING ANY WORK.
2. CLEAN AND REPAIR THE EXTERIOR AND INTERIOR OF THE SUBSTATION.
3. REPLACE THE PRINARY FEEDER, TERMINALS AND ANY RELATED ITEM FROM THE PRIMARY LOAD BREAK UP TO THE TRANSFORMER SECTION.
4. REPLACE THE EXISTING TRANSFORMERS WITH THE TRANSFORMER SPECIFIED IN THE ELECTRICAL DIAGRAM.
5. PERFORM THE ELECTRICAL CONNECTIONS IN THE TRANSFORMER SECTION WITH THE NECESSARY MATERIALS AND WITH THE GROUNDING REQUIREMENTS FROM LUMA.
6. REMOVE AND REPLACE THE EXISTING SECONDARY FEEDER AND TERMINALS WITH THE SPECIFIED ON THE ELECTRICAL DRAWINGS.
7. REMOVE AND REPLACE THE EXISTING MAIN DISTRIBUTION PANEL AND CIRCUIT BREAKERS WITH THE SPECIFIED ON THE ELECTRICAL DIAGRAM.
8. WORK MUST BE PERFORM FOLLOWING THE NATIONAL ELECTRICAL CODE AND LUMA REQUIREMENTS.
9. WORK MUST BE PERFORM AND CERTIFIED BY AN LICENSED ELECTRICIAN.

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PROPOSED ELECTRICAL AND LIGHTING PARTIAL SITE PLAN

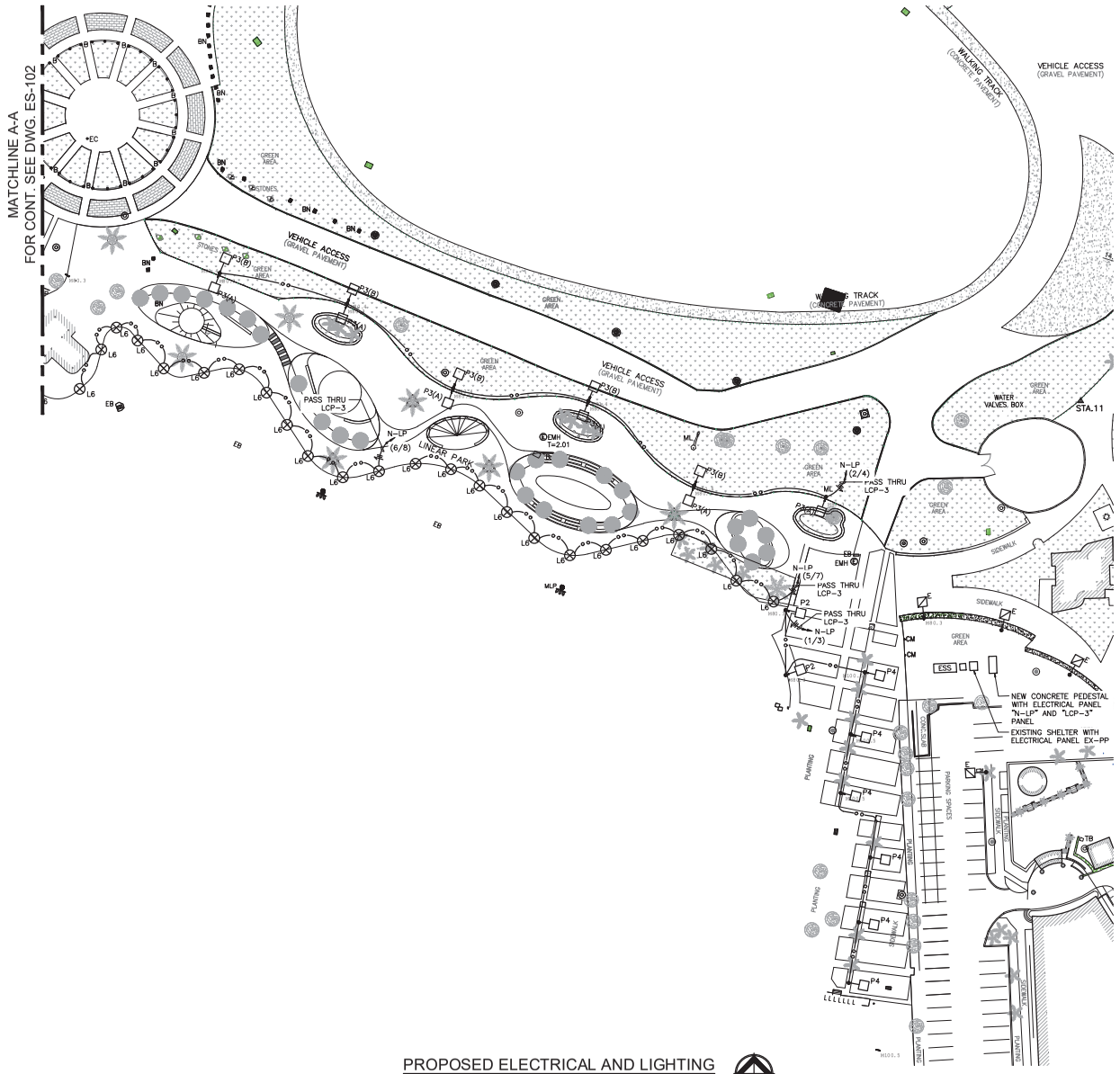
COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOX DELIVERY	JST	JST

PROJECT
--
DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
73	83

DRAWING NUMBER
ES-102



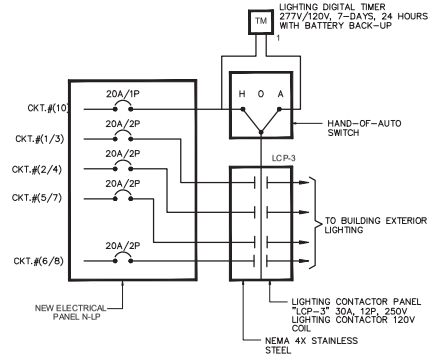
PROPOSED ELECTRICAL AND LIGHTING
PARTIAL SITE PLAN
SCALE: 1:400

NOTES:

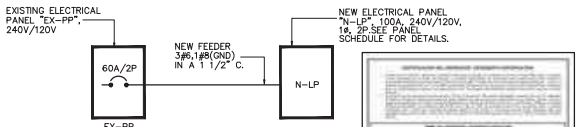
1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001.
2. FOR LIGHTING SITE SCHEDULE SEE DWG. ES-107.
3. REFER TO STRUCTURAL DRAWINGS FOR POLE CONCRETE BASES.
4. FOR LUMA GENERAL NOTES SEE DWG. ES-106.
5. REFER TO DWG. ES-107 FOR THE SKATE PARK LIGHTING POLE SCHEDULE.

LIGHTING SITE LEGEND:

P1	NEW SINGLE ARM POLE AND LUMINAIRE. "P1" INDICATES POLE AND LUMINAIRE DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAIL.
P2	SAME AS ABOVE, BUT DOUBLE ARM.
L1	NEW LIGHTING BOLLARD. "L1" INDICATES BOLLARD DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAILS.
#8 (1)	NEW LIGHTING CIRCUIT, 24" BELOW FINISHED GRADE. DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
PP (1,2)	HOME RUN TO PANEL, 24" BELOW FINISHED GRADE. "PP" INDICATES DESTINATION PANEL AND THE NUMBERS INDICATES CIRCUIT NUMBERS (IF NUMBERS ARE SEPARATED BY "/ " THIS MEANS THAT IS A MULTIPOLE CIRCUIT)DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
E	EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
E E	SAME AS ABOVE, BUT DOUBLE ARM.
P1	NEW SKATEPARK LIGHTING POLE AND LUMINAIRES. REFER TO MUSCO POLE SCHEDULE FOR DETAILS.



LCP-3 LIGHTING CONTACTOR PANEL DIAGRAM



ELECTRICAL DIAGRAM

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CONSULTANT'S SEAL

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PROPOSED ELECTRICAL AND LIGHTING PARTIAL SITE PLAN

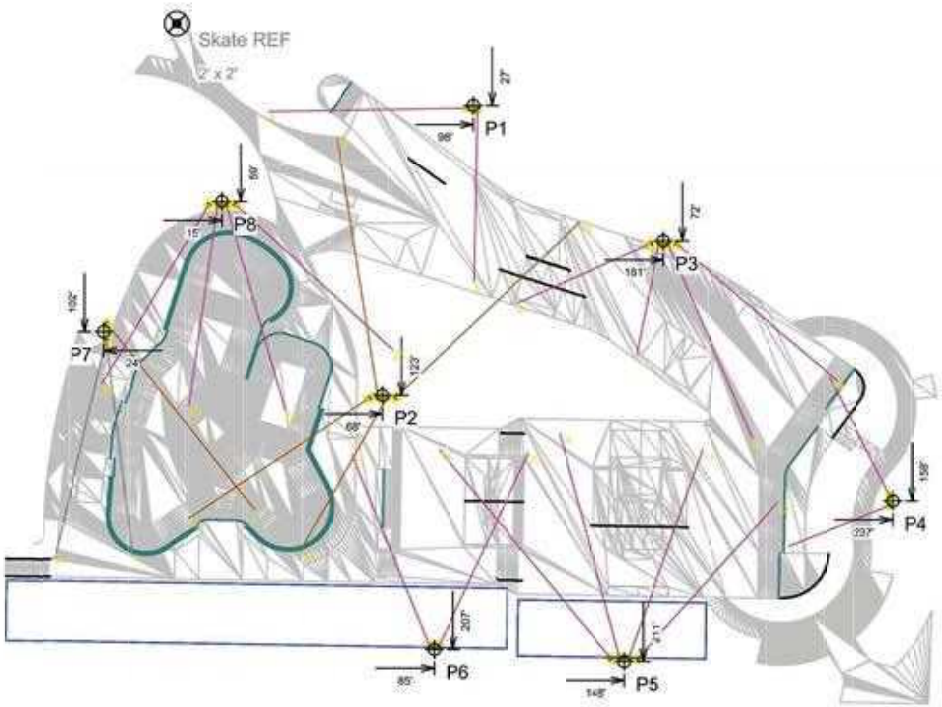
COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2025.10.27	BOK DELIVERY	JST	JST

PROJECT
--
DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
74	83

DRAWING NUMBER
ES-103



Escambrón Skate Park

San Juan,PR

DISPOSICIÓN DEL EQUIPO

Incluye:

- Skate REF

Requerimientos del Sistema Electrico:

Referirse a la Tabla de Amperaje o al Resumen del Sistema de Control MUSCO para tamaño del cable.

Requerimientos de Instalación: Resultados asumen ± 3% del voltaje nominal al lado de la linea del conductor y estructuras ubicadas dentro de 1m de ubicación del diseño.

Listado de equipo para área mostrada

	Poste			Luminarias		
Cant.	UBICACIÓN	TAMAÑO	Nivel de Terreno ELEVACIÓN	Altura de Montura	Tipo de Lampara	Cant./ POSTE
2	P1, P4	50'	-	50'	TLC-LED-550	2
1	P2	70'	5.5'	75.5'	TLC-LED-550	4
2	P3, P8	50'	-	50'	TLC-LED-550	4
1	P5	50'	-	60'	TLC-LED-550	4
1	P6	60'	25'	60.25'	TLC-LED-550	2
1	P7	50'	-	50'	TLC-LED-550	3
8	TOTALES					25

TABLA DEL AMPERAJE POR LÁMPARA

Driver (.90 factor de potencia min.)	Linea de amperaje por lámpara (máximo consumo)						
Tensión Monofasico	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-550	3.2	3.0	2.6	2.4	1.9	1.8	1.4

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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK PHOTOMETRY AND SCHEDULE

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOE DELIVERY	JST	JST



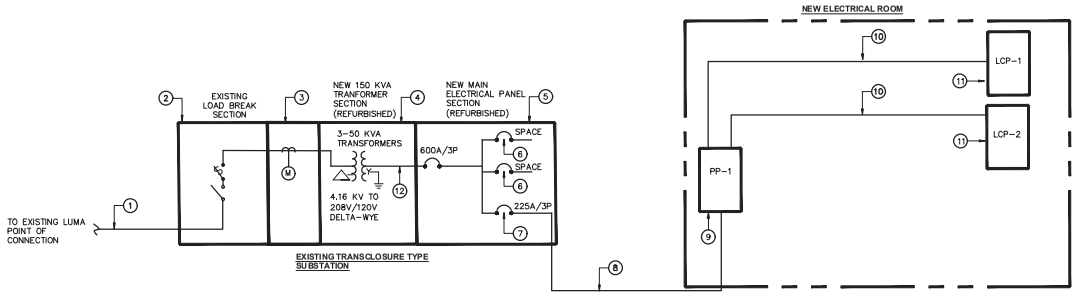
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PROJECT
--

DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
75	83

DRAWING NUMBER
ES-104



SKATE PARK ELECTRICAL DIAGRAM

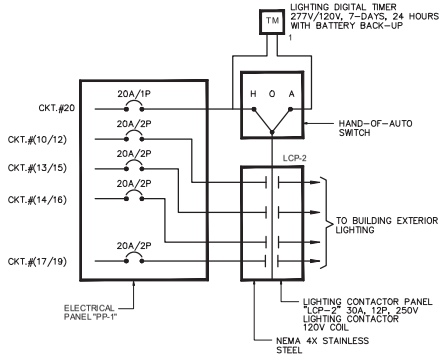
SKATE PARK DIAGRAM LEGEND:

1. EXISTING PRIMARY FEEDER TO REMAIN.
2. EXISTING PRIMARY LOAD BREAK SWITCH SECTION TO REMAIN. FUSE SIZE TO BE CHANGE TO 10E.
3. EXISTING LUMA METER SECTION TO REMAIN.
4. EXISTING TRANSFORMER SECTIONS TO REMAIN AND TO BE REFURBISHED, BUT THE EXISTING TRANSFORMERS AND ALL OF THE RELATED EQUIPMENT TO BE REMOVED. INSTALL 3-50 KVA TRANSFORMERS, ONE PHASE, 4.16 KV DELTA PRIMARY AND 208V/120V WYE SECONDARY, 4-WIRE, SOLID NEUTRAL, WYRE SECONDARY SERVICE WITH 4-2 1/2% TAPS BELOW NORMAL PRIMARY VOLTAGE. TRANSFORMER MUST BE COMPLY WITH THE DEPARTMENT OF ENERGY REGULATIONS AND STANDARDS.
5. EXISTING MAIN DISTRIBUTION PANEL SECTION TO REMAIN AND TO BE REFURBISHED. EXISTING MAIN ELECTRICAL PANEL AND BREAKERS TO BE REMOVED AND REPLACED WITH A NEW MAIN ELECTRICAL PANEL 600A, 208V/120V, 3Φ, 4 WIRE, 42 KAIC. WITH MAIN BREAKER.
6. NEW SPARE SPACE FOR FUTURE BREAKERS.
7. NEW CIRCUIT BREAKER TO BE INSTALLED. AMPERES AND POLES AS INDICATED.
8. NEW FEEDER 4-250 KCMIL, 1#4 (GND) IN A 3 1/2" CONDUIT.
9. NEW ELECTRICAL DISTRIBUTION PANEL. SEE PANEL SCHEDULE FOR DETAILS.
10. NEW VARIOUS LIGHTING CIRCUITS. REFER TO LIGHTING CONTACTORS DIAGRAM FOR DETAILS.
11. NEW LIGHTING CONTACTOR PANEL. SEE LIGHTING CONTACTOR DIAGRAM FOR DETAILS.
12. NEW SECONDARY FEEDER TWO (2) SETS EACH CONSISTING OF 4-350 KCMIL, 1#1/0 (GND).

TRANSCLOSURE REFURBISH NOTES:

THE EXISTING SKATE PARK TRANSCLOSURE SUBSTATION MUST BE REPAIR. THE FOLLOWING JOBS MUST BE DONE AS PART OF THE REPAIR.

1. COORDINATE ALL OF THE WORK WITH LUMA BEFORE PURCHASING ANY EQUIPMENT AND STARTING ANY WORK.
2. CLEAN AND REPAIR THE EXTERIOR AND INTERIOR OF THE SUBSTATION.
3. REPLACE THE PRINARY FEEDER, TERMINALS AND ANY RELATED ITEM FROM THE PRIMARY LOAD BREAK UP TO THE TRANSFORMER SECTION.
4. REPLACE THE EXISTING TRANSFORMERS WITH THE TRANSFORMER SPECIFIED IN THE ELECTRICAL DIAGRAM.
5. PERFORM THE ELECTRICAL CONNECTIONS IN THE TRANSFORMER SECTION WITH THE NECESSARY MATERIALS AND WITH THE GROUNDING REQUIREMENTS FROM LUMA.
6. REMOVE AND REPLACE THE EXISTING SECONDARY FEEDER AND TERMINALS WITH THE SPECIFIED ON THE ELECTRICAL DRAWINGS.
7. REMOVE AND REPLACE THE EXISTING MAIN DISTRIBUTION PANEL AND CIRCUIT BREAKERS WITH THE SPECIFIED ON THE ELECTRICAL DIAGRAM.
8. WORK MUST BE PERFORM FOLLOWING THE NATIONAL ELECTRICAL CODE AND LUMA REQUIREMENTS.
9. WORK MUST BE PERFORM AND CERTIFIED BY AN LICENSED ELECTRICIAN.



LCP-2 LIGHTING CONTACTOR PANEL DIAGRAM



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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ELECTRICAL DIAGRAM

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOK DELIVERY	JST	JST

PROJECT
--
DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
76	83

DRAWING NUMBER
ES-105

LUMA/P.R.E.P.A. GENERAL NOTES:

1. THIS DRAWINGS ARE AN EXACT COPY OF THE DRAWINGS SUBMITTED TO THE OGPE.
2. BEFORE STARTING DATE OF THE PROJECT THE OWNER IS RESPONSIBLE IN OBTAINING ALL THE NECESSARY ENDORSEMENTS AND PERMITS FROM ALL THE STATE, MUNICIPALITY AND FEDERAL GOVERMENT AGENCIES THAT COULD BE REQUIRED FOR THIS TYPE OF PROJECT.
3. THE OWNER SHALL CONTRACT THE SERVICES OF A LICENSE ENGINEER TO INSPECT ALL THE ELECTRICAL WORKS IN ACCORDANCE WITH THE CERTIFIED LAW (LAW NO. 7, JULY 19, 1995) AND THE P.R.E.P.A. MANUAL "REGLAMENTOS DE CERTIFICACION DE PLANOS DE PROYECTOS DE CONSTRUCCION ELECTRICA" THE OWNER IS RESPONSIBLE OF NOTIFYING THE P.R.E.P.A. THE ASSIGNED PRIVATE INSPECTOR BEFORE STARTING ANY WORKS.
4. ALL CONSTRUCTION SHALL BE DONE IN A THOROUGH AND WORKMANLIKE MANNER, IN ACCORDANCE WITH THE SPECIFICATIONS AND CONSTRUCTION DRAWINGS. THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, NESC, IEEE, NEMA AND ANSI STANDARDS, SHALL BE FOLLOWED, EXCEPT WHERE LOCAL REGULATIONS ARE MORE STRINGENT, IN WHICH CASE LOCAL REGULATIONS SHALL GOVERN.
5. THE CONTRACTOR IS NOT AUTHORIZED TO MAKE CHANGES FROM THE ELECTRICAL DESIGN. IT SHOULD BE RESPONSIBLE TO CONSULT THE ELECTRICAL DESIGNER OR THE PROJECT INSPECTOR ANY DOUBTS OF INTERPRETATIONS OF THE DRAWINGS, EXECUTION OF THE WORK, TECHNICAL SPECIFICATIONS OR ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THE PROPOSED DESIGN.
6. THE OWNER OF ELECTRIC CONTRACTOR WILL NOTIFY THE PREPA THE BEGINNING OF THE WORKS OF THE PROJECT, BY MEANS OF THE DELIVERY A START NOTIFICATION DOCUMENT TO THE CORRESPONDING REGION'S DISTRIBUTION ENGINEERING DEPARTMENT.
7. THE PRIVATE INSPECTOR AND THE CONTRACTOR ARE RESPONSIBLE IN ASSISTING TO A PRE-CONSTRUCTION MEETING TO COORDINATE ALL THE WORKS WITH THE ENGINEERING DISTRIBUTION DEPARTMENT OF THE CORRESPONING REGION.
8. ALL WORKS NEEDED TO BE DONE IN THE EXISTING ENERGIZED P.R.E.P.A. LINES INCLUDING CONNECTING THE PROJECT HAS TO BE DONE BY P.R.E.P.A. THE OWNER WILL BE RESPONSIBLE OF ALL THE EQUIPMENT COST, MATERIALS AND LABOR. THE OWNER SHALL REQUEST TO THE P.R.E.P.A. AN ESTIMATE OF THE NECESSARY WORKS. THE ESTIMATE WILL BE VALID FOR A PERIOD OF THREE (3) MONTHS AFTER BEING EXPEDITED.
9. IT WILL BE PROHIBIT TO DO ANY WORK IN THE EXISTING P.R.E.P.A. RIGHT-OF-WAY WITH OUT A WRITTEN AUTHORIZATION LETTER FROM THE P.R.E.P.A.
10. THE P.R.E.P.A. WILL NOT AUTHORIZE ANY CONNECTION IF THERE IS A RIGHT-OF-WAY INVASION CONDITION OR IF THE LINES DOES NOT COMPLY WITH THE SECURITY CLEARANCES.

SPECIAL LUMA/P.R.E.P.A. NOTES:

1. THE OWNER OF THE PROJECT MUST CONTRIBUTE:
   - ☒ THE AMOUNT OF $825.00 FOR IMPROVEMENTS IN THE EXISTING ELECTRICAL INFRASTRUCTURE.
   - ☒ REQUIRED WORKS SPECIFIED IN THE EVALUATION OF THIS PROJECT DATE ON DECEMBER 12, 2022.

   THIS CONTRIBUTION ARE DONE ACCORDING TO THE PROPOSED AGREEMENT WITH THE "REGLAMENTO PARA DETERMINAR Y COBRAR LAS APORTACIONES DE PERSONAS O INSTITUCIONES EN PROYECTOS DE DESARROLLO VIGENTE".
2. P.R.E.P.A. WILL NOT ENERGIZE THE SYSTEM UNTIL ALL THE CORRESPONDING RIGHTS-OF-WAY, ON THE PROJECT AND/OR OFF-SITE, HAVE BEEN GRANTED AS REQUIRED IN THE "REGLAMENTO DE SERVIDUMBRE PARA LA AUTORIDAD DE ENERGIA ELECTRICA". THIS REQUIREMENT AND NOTES APPLIES TO ALL REQUIRED RIGHT-OF-WAYS, INSIDE OR OUTSIDE OF THE PROJECT LIMITS.
3. THE INSTALLATION OF THE METERING EQUIPMENT MUST BE CONSULTED AND COORDINATED WITH METERING OFFICE OF THE CORRESPONDING REGION. THE DESIGNER OR THE ELECTRICAL CONTRACTOR MUST MAKE SURE TO CONSULT WITH THE METERING OFFICE THE EQUIPMENT AND MATERIALS TO BE USED AND THE LOCATION OF THE PROPOSED EQUIPMENTS.
4. IT IS NOT PERMITTED TO INSTALL TRANSFORMERS, SUBSTATION OR ANY ELECTRICAL EQUIPMENT ABOVE SEWER OR WATER INFRASTRUCTURE.

LUMA/P.R.E.P.A. MATERIAL NOTES:

1. ALL THE EQUIPMENT TO BE USED SHALL COMPLY WITH THE IEEE, ANSI, NEMA AND ASTM STANDARDS.
2. THE CONTRACTOR IS RESPONSIBLE OF VERIFYING THAT ALL THE MATERIALS OR EQUIPMENTS ARE APPROVED BY THE P.R.E.P.A. BEFORE ANY PURCHASE AND INSTALLATION. THE P.R.E.P.A. RESERVES THE RIGHT OF ACEPTING ANY EQUIPMENT.
3. WITHIN (1) MILE OF THE SEASHORE, ALL ENCLOSURES, EQUIPMENT AND MATERIALS SHALL BE STAINLESS STEEL, EXCEPT THE METERING BASES.
4. ALL UNDERGROUND P.R.E.P.A. ELECTRICAL LINES SHALL USE PRIMARY CABLES WITH 15 KV TERMINATIONS FOR DISTRIBUTION SYSTEMS AND 46 KV TERMINATIONS FOR 38 KV ELECTRICAL LINES.
5. AERIAL P.R.E.P.A. ELECTRICAL LINES SHALL USE 15 KV POLYMER INSULATION TERMINALS FOR DISTRIBUTION LINES AND 46 KV TERMINALS FOR 38 KV ELECTRICAL LINES.
6. THE CONTRACTOR IS RESPONSIBLE TO PRINT IN ALL THE TRANSFORMERS THE PROPERTY NUMBER ASSIGNED BY THE CORRESPONDING ENGINEERING DISTRIBUTION DEPARTMENT.

LUMA/P.R.E.P.A. SYSTEM NOTES:

1. THE OWNER IS RESPONSIBLE FOR TESTING ALL THE PRIMARY AND SECONDARY CABLES WITH THEIR CORRESPONDING TERMINATIONS. THE TEST RESULTS SHALL BE IN ACCORDANCE WITH THE PARAMETERS ESTABLISHED BY THE P.R.E.P.A. THIS TEST MUST BE PERFORMED IN COORDINATION WITH A REPRESENTANT FROM P.R.E.P.A. INSPECTION OFFICE OF THE CORRESPONDING REGION.
2. DURING THE CABLE INSTALLATION, THIS MUST BE PROTECTED FROM MOISTURE AND ABRASIONS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE CABLE USING RECOMMENDED PRACTICES TO NOT EXCEED THE TENSIONS SPECIFIED FOR THE CABLE.
3. ALL THE COVERS OF ANY MANHOLE INSTALLED IN THE PLANTING AREA SHALL BE PROTECTED WITH REINFORCED CONCRETE ACCORDING TO THE P.R.E.P.A. STANDARD URD-52.
4. WHERE THE PROJECT IS LOCATED WITHIN ONE (1) MILE OF THE SEASHORE THE RISER SHALL BE PVC SCH. 80 OR FIBERGLASS APPROVED BY THE P.R.E.P.A.
5. ALL UNDERGROUND TRENCHES SHALL BE INSPECTED BY THE P.R.E.P.A. BEFORE IT IS COVERED AND COMPACTED.
6. ALL UNDERGROUND ELECTRICAL LINES UNDER OR EXPOSED VEHICULAR TRAFFIC AREA SHALL BE PROTECTED WITH CONCRETE. WHERE OTHER UTILITIES ARE PRESENT IT MUST MAINTAIN A MINIMUM CLEARANCE OF 13".
7. THE CONTRACTOR SHALL PROVIDE SPARES FUSES EQUAL TO THE AMOUNT USED IN THE SUB-STATION.
8. ALL THE GROUND CONNECTION SHALL BE COMPRESSION OR THERMO-WELD TYPE.
9. THE CONTRACTOR SHALL PROVIDE A FISHWIRE FOR ALL SPARE CONDUITS.
10. MAXIMUM RESISTANCE TO GROUND SHALL BE 10 OHMS OR LESS. A GROUND ROD SHALL BE INSTALLED TO CONNECT THE NEUTRAL EVERY FOUR (4) POLES OR EVERY 1,000 FEET AND IN ALL THE TRANSFORMERS.
11. EACH POLE CONCRETE BASE SHALL INCLUDE TWO (2) SPARE CONDUITS FOR FUTURE USE, AS REQUIRED BY THE P.R.E.P.A.
12. EACH POLE CONCRETE BASE SHALL INSPECTED BY THE P.R.E.P.A. IN THE CONSTRUCTION STAGE.

IMPORTANT NOTES: (FOR PROJECTS LESS THAN ONE (1) MILE FROM SEASHORE)

1. ALL ELECTRICAL EQUIPMENT ENCLOSURES NOT RELATED TO PREPA, LOCATED OUTDOORS SHALL BE RAINTIGHT AND STAINLESS STEEL OR APPROVED UV LIGHT RESISTANT PLASTIC.
2. SUPPORTS CHANNELS UNISTRUTS SHALL BE OF STAINLESS STEEL OR ALUMINUM MATERIALS.
3. CONDUITS STRAPS SHALL BE OF ALUMINUM OR STAINLESS STEEL MATERIAL.
4. DISSIMILAR METALS SHALL BE SEPARATED BY A DIELECTRICS GASKET.
5. EXPOSED CONDUITS SHALL BE PVC SCH. 80 OR PAINTED RGS CONDUITS.
6. SUB-STATION TRANSCLOSURES, TRANSFORMERS AND PREPA EQUIPMENT CABINET SHALL BE STAINLESS STEEL AS PER PREPA SPECIFICATIONS.
7. OUTDOOR HIGH VOLTAGE CABLE TERMINATIONS SHALL BE RATED 27 KV.
8. SUB-STATION LOUVERS WINDOWS SHALL BE STAINLESS STEEL.

IMPORTANT EVALUATION LETTER NOTES:

1. THE CONTRACTOR AND OWNER MUST COORDINATE THE DETAILS AND COST OF THE JOBS WITH THE SAN JUAN ENGINEERING OFFICE TO FORMALIZE THE COST ESTIMATE REQUEST.
2. IT IS REQUIRED TO INCLUDE AS PART OF THE DESIGN THE INSTALLATION OF FUSE CUT-OUTS WITH FUSE PROTECTION AT THE POINT OF CONNECTION OR IN THE FIRST POLE OF THE PROJECT.
3. ONCE THE DESIGN PLANS ARE ENDORSED THE CONTRACTOR AND THE OWNER MUST REQUEST A COST ESTIMATE OF THE WORK DESCRIBED ON PONT # 4. THEN A REQUEST MUST BE MADE FOR THE PAYMENT REFERRAL TO PERFORM THE DESCRIBED IMPROVEMENTS. ONCE THE PAYMENT HAS BEEN MADE, THREE (3) MONTHS BEFORE STARTING ANY WORK A COPY OF THE PAYMENT RECEIPT MUST BE SUBMITTED TO THE PONCE ENGINEERING REGION.
4. THE PROJECT OWNER MUST COORDINATE ALL WORKS WITH THE SAN JUAN DISTRICT MANAGER THE PRIMARY VOLTAGE TO BE USED, PRIOR TO THE PURCHASE OF THE TRANSFORMERS.
5. THE LUMA EVALUATION OF THE POINT OF CONNECTION DOES NOT CONSTITUTE A REVISION OF THE DESIGN PLANS. THE DESIGNER IS RESPONSIBLE FOR COMPLYING WITH CODES, REGULATIONS, MANUALS, STANDARDS, AND APPLICABLE REGULATION ARE IN ACCORDANCE WITH THE ELECTRICAL SYSTEM OF PUERTO RICO. IN ADDITION, THE DESIGN MUST COMPLY WITH THE PLANNING REGULATION NUMBER 22, AS REQUIRED BY OGPE.
6. THE PROJECT OWNER OR HIS REPRESENTATIVE MUST NOTIFY THE SAN JUAN REGION ENGINEERING DISTRIBUTION OFFICE INSPECCIONESSAN.JUAN@LUMAPR.COM THE BEGINNING OF THE WORK AFTER THE THE ENDORSEMENT OF THE PLANS AND PRIOR TO THE ELECTRICAL WORKS OF THE PROJECT BEGINS FOR THE REQUIRED INSPECTION, APPROVAL, AND THE NECESSARY COORDINATION.
7. FOR ALL SERVICES FOR EXCLUSIVE USE, THE PROJECT OWNER WILL PROVIDE ALL THE NECESSARY MATERIALS, INCLUDING THE TRANSFORMERS.
8. "ESTE PROYECTO REQUIRE CONTRATO DE CUENTAS AL POR MAYOR, EL CUAL ES REQUISITO QUE SE FIRME PREVIO A LA ENERGIZACION DEL PROYECTO. EL TIPO DE MEDICIÓN, LOS EQUIPOS A UTILIZARSE Y LA UBICACION DEL EQUIPO DE MEDICION FUE COORDINADA CON EL GERENTE DE ESTANDARES Y PROCEDIMIENTOS."
9. LUMA WILL SELECT THE TYPE OF METERING EQUIPMENT TO BE INSTALLED IN THE PROJECT ACCORDING TO THE SERVICE REQUESTED AND THE EQUIPMENT AVAILABILITY. THE CONTRACTOR MUST COORDINATE WITH TO PROVIDE THE METER BASE SPECIFICATIONS BEFORE STARTING THE CONSTRUCTION WORK.
10. IF THE PROJECT REQUIRES THE INSTALLATION OF SECONDARY OR PRIMARY METERING FOR ONE OR MORE WHOLESALE RATES SERVICES, THE ELECTRICAL DESIGNER HAS TO COORDINATE WITH THE DIRECTOR OF METERING AT CONSULTA.MEDICIONES@LUMAPR.COM, FOR THE TYPE OF METERING EQUIPMENT THAT WILL BE USE IN THE PROJECT AND THE LOCATION OF THE EQUIPMENT. LUMA WILL SELECT THE TYPE OF METERING EQUIPMENT TO BE INSTALLED IN THE PROJECT ACCORDING TO THE REQUESTED SERVICES AND ITS AVAILABILITY.



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CONSULTANT'S SEAL

YO, JORGE SANTORI TRISTANI, INGENIERO LICENCIADO #18824 CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO LOS ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CONCURRIENTES CON ESTAS EN CUMPLIMIENTO CON EL CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. (EN EL CASO, ADEMÁS, QUE ENLA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 1A DE 20 DE ENERO DE 2006, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOSQUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON LAS CUALES NO ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y SOY NAMADA POR LA OGPE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
LUMA NOTES

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	90% DELIVERY	JST	JST

PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
77	83

DRAWING NUMBER
ES-106

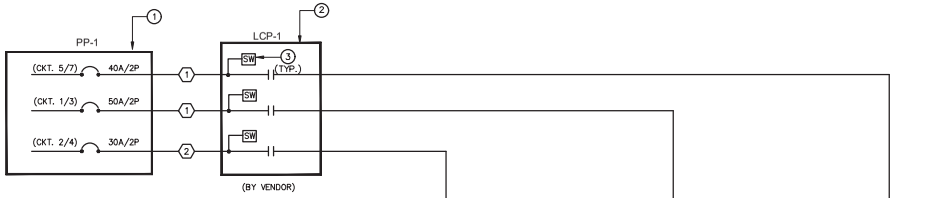
SITE LIGHTING FIXTURE SCHEDULE

ITEM #	EQUIPMENT DESCRIPTION	LAMPS NO. AND TYPE	POLE	VOLTAGE	MANUFACTURER MODEL NUMBER	REMARKS
P1	POLE MOUNTED LUMINAIRE	LED/ 7423 LUMENS/78W/3000K/ TYPE II	15'-0" ALUMINUM 6" ROUND	208V-240V	LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-2-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-STE-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
P2	POLE MOUNTED LUMINAIRE	LED/ 7423 LUMENS/78W/3000K/ TYPE III	15'-0" ALUMINUM 6" ROUND	208V-240V	LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-3-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-STE-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
P3(A) P3(B)	POLE MOUNTED LUMINAIRE	P3(A)-LED/7423 LUMENS/78W/3000K/ TYPE III P3(B)-LED/8019 LUMENS/78W/3000K/ TYPE IV	15'-0" DOUBLE ARM ALUMINUM 6" ROUND	208V-240V	P3(A) LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-3-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE P3(B) LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-4-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-S2E-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
P4	POLE MOUNTED LUMINAIRE	LED/ 10693 LUMENS/115W/3000K/ TYPE IV SQUARE	15'-0" ALUMINUM 6" ROUND	208V-240V	LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M100-30K-CRI80-5S-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-S1E-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
L6	3'-0" ALUMINUM BOLLARD	LED/950 LUMENS/11W/3000K/TYPE III	3'-0" ALUMINUM BOLLARD	208V-240V	EQUAL OR APPROVED EQUAL TO MODEL BLDB-TM1-VOLT-3FT-CSL-N10-30K-CRI80-3-FINISH-DIM-CRC AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)

(1) CORROSION RESISTANT

(2) SEE STRUCTURAL DRAWINGS AND THE MANUFACTURER RECOMMENDATIONS FOR THE CONCRETE BASE DETAIL

(3) OBTAIN THE FINAL APPROVAL OF FINISHES WITH THE PROJECT ARCHITECT.



LCP-1 DIAGRAM LEGEND:

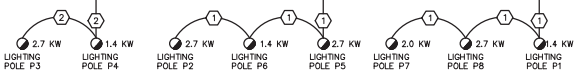
(1) NEW MAIN ELECTRICAL PANEL, 208V/120V, 3ø. SEE PANEL SCHEDULE FOR DETAILS.

(2) NEW LIGHTING CONTACTOR PANEL WITH INTEGRATED ON-AUTO-OFF SELECTOR SWITCH FOR CONTROLLING THE LIGHTING FIXTURE. TO PROVIDED BY MUSCO LIGHTING.

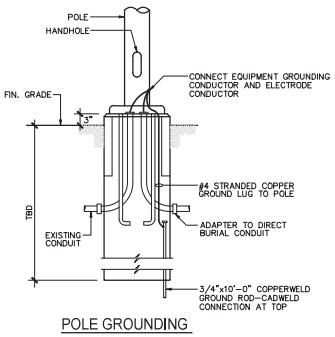
(3) INTEGRATED ON-AUTO-OFF SELECTOR SWITCH FOR LIGHTING CONTROL. TO BE PROVIDED BY MUSCO LIGHTING.

FEEDER SCHEDULE:

(1) 2#2, 1#2(GND) IN A 1 1/2" C.



"LCP-1" SKATE PARK LIGHTING CONTACTOR PANEL DIAGRAM



POLE GROUNDING

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CLIENT

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SITE SCHEDULE AND LIGHTING DIAGRAM

COMPUTER PLOT

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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOE DELIVERY	JST	JST

PROJECT

DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
78	83

DRAWING NUMBER
ES-107

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GENERAL NOTES: (NOT ALL NOTES APPLY)

1. COMPLY WITH LATEST NATIONAL ELECTRICAL CODE (NEC) AND WITH ALL LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN REQUIREMENTS, CONFORM WITH THE MOST RESTRICTIVE.
2. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE AUTHORITIES.
3. VERIFY ALL ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF EQUIPMENT WITH DRAWINGS AND SPECIFICATIONS. CHECK AND VERIFY ALL DIMENSIONS IN THE FIELD.
4. COORDINATE THE LOCATION OF ALL ELECTRICAL EQUIPMENT, LIGHTING FIXTURES, RACEWAYS, ETC. WITH THE OTHER TRADES, SO AS TO AVOID INTERFERENCES WITH DUCTWORK, PIPING, BUILDING STEEL, ETC.
   A. MAINTAIN ADEQUATE ACCESS TO ALL JUNCTION, TERMINATION AND PULL
   B. MAINTAIN ADEQUATE ACCESS TO ALL EQUIPMENT FOR OPERATION
5. ALL MOUNTING HEIGHTS INDICATED ARE TO CENTERLINE OF DEVICE EXCEPT FOR LIGHTING FIXTURES AND AS OTHERWISE NOTED OR SPECIFIED. MOUNTING HEIGHTS FOR LIGHTING FIXTURES ARE TO BOTTOM OF UNIT.
6. CONDUIT ROUTINGS SHOWN, ARE DIAGRAMATIC. COORDINATE ACTUAL ROUTINGS TO AVOID INTERFERENCES WITH ALL OTHER TRADES, AND TO ADJUST TO EXISTING CONDITIONS.
7. SUPPORT WALL MOUNTED ELECTRICAL EQUIPMENT (I.E. PANELBOARDS, TRANSFORMER, ETC.) BY UNISTRUT CHANNEL SECURED TO FLOOR AND CEILING UNLESS WALL IS MASONRY TYPE WHICH IS SUITABLE CONSTRUCTION TO SUPPORT WEIGHT OF ELECTRICAL EQUIPMENT, OR EXCEPT AS OTHERWISE NOTED OR SPECIFIED.
8. PROVIDE MINIMUM NO. 12 AWG COPPER WIRING FOR POWER AND LIGHTING SYSTEMS, INSTALLED IN 3/4 " CONDUIT MINIMUM, EXCEPT AS OTHERWISE NOTED OR SPECIFIED.
9. PROVIDE BRANCH CIRCUIT WIRING FOR 120 VAC, SINGLE PHASE MOTORS, 1/2 HORSEPOWER AND LESS CONSISTING OF TWO NO. 12 AWG AND ONE NO. 12 AWG GROUND IN 3/4 INCH CONDUIT.
10. WHERE OVERSIZED CONDUCTORS ARE INDICATED ON THE DRAWINGS, WHICH CANNOT BE SAFELY TERMINATED DUE TO DEVICE LUG SIZE AND/OR WIRE BENDING SPACE LIMITATIONS; PROVIDE A JUNCTION BOX AND NEC COMPLYING FEEDER TAP OF SMALLER WIRE SIZE SUITABLE FOR TERMINATION AT THE DEVICE.
11. PROVIDE ELECTRICAL EQUIPMENT, PANELS, DEVICES, BOXES, ETC., LOCATED IN WET AREAS SUITABLE FOR INSTALLATION IN WET LOCATIONS (I.E. WATERPROOF) EXCEPT OTHERWISE NOTED OR SPECIFIED.
12. THE CONTRACTOR SHALL PROVIDE ALL SUPPORTS AND SEISMIC BRACING FOR ALL ELECTRICAL EQUIPMENT AND COMPONENTS INSIDE AND OUTSIDE THE BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF SUCH SUPPORTS AND SEISMIC BRACING IN ACCORDANCE WITH ALL APPLICABLE CODES.
13. MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING EQUIPMENT TO REMAIN IN SERVICE.
14. BROOM CLEAN ALL WORK AREAS UPON COMPLETION OF WORK EACH DAY.
15. ALL EXPOSED SUPPORTS SHALL BE RGS UNLESS OTHERWISE NOTED.
16. ALL CONDUIT INSIDE BUILDING SHALL BE INSTALLED SUPPORTED FROM ROOF STEEL STRUCTURE. NO CONDUIT SHALL RUN 10" LOWER FROM STRUCTURE WHERE IT CAN BE AVOIDED.
17. PROVIDE CONDUIT SEALS IN ALL CONDUITS THAT CROSS CLEAN ROOM AND HAZARDOUS CLASSIFICATION BOUNDARIES.
18. ALL GROUND WIRES SHALL BE STRANDED COPPER AS FOLLOWS:
   A. MAIN GROUNDING CONDUCTOR: #4/0 AWG BARE (FOR UNDERGROUND INSTALLATIONS) OR THWN IN 1" CONDUIT.
   B. BRANCHES TO EQUIPMENT, COLUMNS, ETC: #4/0 AWG BARE (FOR UNDERGROUND INSTALLATIONS) OR THWN IN A 1" CONDUIT.
   C. BOND CONDUIT AND GROUNDING WIRE AT BOTH ENDS OF CONDUIT RUN.
19. COMBINATION STARTER AND DISCONNECT SWITCH RATINGS, BREAKER, FUSE, POLES,STARTER SIZE WILL BE INDICATED AS FOLLOWS:
   A. FOR EQUIPMENT CONNECTED TO THE MOTOR CONTROL CENTERS OR CONTROL PANELS SHALL BE INDICATED: ON THE ONE LINE DIAGRAM BESIDE THE SYMBOL.
   B. FOR EQUIPMENT CONNECTED TO PANELBOARDS: ON THE FLOOR PLANS BESIDE THE SYMBOL.
20. CONDUCTOR INSULATION SHALL BE THWN–2 (90°C). USE XHHW–2 (90°C) TYPE CONDUCTOR FOR UNDERGROUND RUNS. (UON)
21. LIGHTING FIXTURES SHALL BE LOCATED AS SHOWN ON THE LIGHTING DWGS. LOCATIONS SHALL BE CHECKED IN FIELD SO THAT WHEN FIXTURES ARE INSTALLED THEY AVOID CREATING SHADOWS BECAUSE OF INTERFERENCE FROM PIPING, STRUCTURAL MEMBERS OR EQUIPMENT. WHEN LIGHTING FIXTURE LOCATIONS ARE DIMENSIONED, FIXTURES SHALL BE INSTALLED EXACTLY AS SHOWN ON THE DRAWINGS.
22. ALL CONDUIT AND FITTINGS SHALL BE RUN EXPOSED WHERE POSSIBLE, AND TO BE SECURELY SUPPORTED AND EFFECTIVELY GROUNDED.
23. CONDUIT SHALL RUN ABOVE PROCESS LINES WHERE POSSIBLE.
24. CONDUIT SPACE IS ALLOCATED ON THE PIPING DRAWINGS. CONDUIT BANKS SHALL BE CONFINED TO THAT SPACE. EXACT LOCATION OF EACH CONDUIT WITHIN THE CONDUIT SPACE SHALL BE DETERMINED IN THE FIELD BY THE ELECTRICAL CONTRACTOR.
25. EXACT LOCATION OF INDIVIDUAL CONDUIT RUNS OUTSIDE THE ALLOCATED CONDUIT SPACE SHALL BE DETERMINED IN THE FIELD BY THE ELECTRICAL CONTRACTOR UNLESS DIMENSIONED ON THE DRAWINGS.
26. ALL WIRES WITHIN A CONDUIT SHALL BE KEPT SEGREGATED FROM ALL OTHER CIRCUITS IN OTHER CONDUITS FOR THE FULL LENGTH OF THE RUN, EXCEPT AS SHOWN ON CONTRACT ELECTRICAL CONSTRUCTION DRAWINGS. NO COMMON PULL BOXES SHALL BE INSTALLED.
27. IN OUTDOOR LOCATIONS CONDUIT SHALL ENTER EQUIPMENT FROM THE BOTTOM. WHERE SIDE OR TOP ENTRY IS REQUIRED, DRAIN FITTINGS SHALL BE INSTALLED.
28. CONDUIT DRAINS IN APPROPRIATE FITTINGS SHALL BE INSTALLED AT ALL LOW POINTS OF OUTDOOR CONDUIT SYSTEMS & INDOOR WASHDOWN AREAS.
29. SINGLE CONDUIT RUNS SHALL BE SECURE TO STRUCTURAL MEMBERS WITH RIGHT ANGLE OR PARALLEL BEAM CLAMPS OR EQUAL. MULTIPLE CONDUIT RUNS SHALL BE RUN ON CONDUIT SUPPORTS.
30. ALL UNDERGROUND CONDUIT SHALL BE ENCASED IN CONCRETE UNLESS OTHERWISE NOTED.
31. FITTINGS OR BOXES USED FOR SPLICING CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH N.E.C. ARTICLE 314.
32. USE PVC SCH. 40 CONDUIT WHEN CONCEALED IN CONCRETE OR UNDERGROUND. ALL EXPOSED CONDUITS IN
33. USE PVC SCH. 40 CONDUIT WHEN CONCEALED IN CONCRETE OR UNDERGROUND. ALL EXPOSED CONDUITS IN THE EXTERIOR, DAMP LOCATIONS AND CLASSIFIED AREAS SHALL BE RIGID GALVANIZED STEEL AND LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT FOR CONNECTIONS TO THE EQUIPMENT. USE EMT CONDUIT FOR INTERIOR AREAS, BUT EXCLUDING PROCESS AREAS. USE STAINLESS STEEL FOR EXPOSED CONDUITS IN CLEAN ROOMS AREAS
34. WIRING DEVICE BOXES SHALL BE AS PER NATIONAL ELECTRICAL CODE, ARTICLE 314.
35. FINAL LOCATION OF THE ELECTRICAL SERVICE POINT SHALL BE COORDINATED BY THE CONTRACTOR BASED ON THE OUTSIDE ELECTRICAL DISTRIBUTION DRAWINGS. BEFORE COMMENCING ANY CONSTRUCTION WORK.
36. USE CONCRETE – TIGHT CONNECTORS AND COUPLINGS FOR PVC CONDUIT.
37. CONDUITS SHALL BE 3/4" DIAM. (MINIMUM SIZE).
38. BRANCH CIRCUITS SHALL HAVE 100% SIZED INDEPENDENT NEUTRAL (UON).
39. ALL CONDUITS SHALL HAVE A MECHANICAL GROUND, COPPER CONDUCTOR GROUND SCREW WITH A NO. 12 THW COPPER GREEN WIRE JUMPER. (UON)
40. CONTRACTOR SHALL BALANCE ALL LOADS.
41. LEAVE A NO. 12 AWG GALVANIZED FISH WIRE IN ALL SPARE CONDUITS.
42. ALL CONDUIT IN CONTACT WITH GROUND SHALL BE ENCASED IN CONCRETE 4" ALL AROUND UNLESS OTHERWISE SPECIFIED.
43. ALL PANELBOARDS SHALL BE PROVIDED WITH A FACTORY INSTALLED GROUND BUS FOR CONNECTING TO GROUND THE GREEN WIRE IN ALL PVC CONDUITS, SIMILAR TO A NEUTRAL BUS.
44. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THE PROJECT COMPLETE AND READY FOR USE; INCLUDING CONNECTING NEW POWER CIRCUITS TO EXISTING SERVICES TO REMAIN.
45. THE CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE EXISTING ELECTRICAL SYSTEM PRIOR TO BIDDING.
46. CONTRACTOR SHALL COORDINATE THE COIL VOLTAGE OF MOTOR STARTERS FOR MOTORS AND AIR CONDITIONING UNITS.
48. DIMENSIONS OF JUNCTION BOXES OR PULL BOXES SHALL BE REVISED BY THE ELECTRICAL CONTRACTOR ACCORDING TO THE ACTUAL CONDITIONS TO SECURE AT LEAST PERMISSIBLE MINIMUM CABLE BENDING RADIUS.
49. CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR IN ORDER TO PROVIDE ALL CONTROL ROUGH–IN.
50. CONTRACTOR SHALL VERIFY WITH THE MECHANICAL CONTRACTOR THE EXACT LOCATION OF THE MECHANICAL EQUIPMENT AND THE BEST LOCATION TO PROVIDE THE ELECTRICAL SERVICE FEEDER.
51. THE CONTRACTOR SHALL VERIFY THAT ALL WIRING INSIDE THE ELECTRICAL PANELS IS PROPERLY IDENTIFIED WITH CIRCUIT NUMBER TAGS (HOT, NEUTRAL AND GROUND CONDUCTORS). PROVIDE TYPE WRITTEN CIRCUIT BREAKER DIRECTORY.
52. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL CONDUIT ROUTINGS AND COORDINATE WITH THE MECHANICAL AND STRUCTURAL TRADES.
53. ANY CONDUIT STUB–UPS SHALL BE TERMINATED 8"AFF. IN A RGS CONDUIT WITH THE PROJECT ENGINEER PRIOR TO ANY ROUGH–IN WORK.
54. CONDUITS SHALL BE SECURELY FASTENED IN PLACE, HANGERS, SUPPORTS OR FASTENINGS SHALL BE PROVIDED AT EACH ELBOW AND AT THE END OF EACH STRAIGHT RUN TERMINATING AT A BOX OR CABINET.
55. CONDUIT SHALL BE RUN IN A NEAT WORKMANLIKE MANNER AT RIGHT ANGLES AND PARALLEL TO BUILDING LINES; PARALLEL CONDUITS SHALL BE RUN STRAIGHT AND PLUMB WITH UNIFORM AND SYMMETRICAL OFFSETS.
56. MOTOR CONTROLLERS OVERLOADS SHALL BE ADJUSTED AS PER MOTOR NAMEPLATE INFORMATION.
57. THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL THE ELECTRICAL CONTROLS, SAFETY SWITCHES, CONDUITS FOR CONTROLS WIRES AND ACCESSORIES NOT INDICATED ON THE ELECTRICAL DRAWINGS THAT ARE NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN ACCORDANCE WITH THE MECHANICAL, ELECTRICAL AND THE PROCESS EQUIPMENT MANUFACTURERS RECOMMENDATIONS AND STANDARDS FROM THE LOCAL AND FEDERAL REGULATING AGENCIES.
58. THE CONTRACTOR SHALL PERFORM ALL WIRING AND CONNECTIONS (POWER AND CONTROLS) NOT INDICATED IN THE ELECTRICAL DRAWINGS, BUT THAT ARE INCLUDED AS PART OF THE MANUFACTURERS EQUIPMENT INSTALLATION MANUALS AND DRAWINGS, INCLUDING ANY REQUIRED DEVICES NOT SPECIFIED ON THE DRAWINGS BUT ARE NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN STRICT ACCORDANCE WITH THE NEC.
59. ALL PANELBOARDS, BREAKERS AND DISCONNECTIVE MEANS SHALL BE IDENTIFIED ACCORDING TO THE EQUIPMENT THEY SERVE USING THE OWNERS IDENTIFICATION METHOD.
60. ALL PANELBOARDS, DISCONNECTIVE MEANS AND RECEPTACLES SHALL BE IDENTIFIED ACCORDING TO THE RESPECTIVE SERVICE VOLTAGE.
61. LIQUIDTIGHT FEXIBLE CONDUIT SHALL BE INSTALLED AT FINAL CONDUIT CONNECTIONS TO MOTORS AND DEVICES SUBJECT TO VIBRATION OR REQUIRING PERIODIC REMOVAL. LIQUIDTIGHT FLEXIBLE CONDUIT SHALL BE SUITABLE FOR THE ELECTRICAL CLASSIFICATION OF THE AREAS.
62. HARDWARE AND SUPPORTS FOR MOUNTING OF LOCAL CONTROL PANELS (LCP's), UNMOUNTED FIELD PANELS (FP's) AND RECEPTACLES SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR.
63. ALL THE ELECTRICAL EQUIPMENT ENCLOSURES OF THE COMBINATION STARTERS, DISCONNECT SWITCHES, CONTROL PANELS, JUNCTION BOX OR ANY SIMILAR ELECTRICAL DEVICE SHALL BE NEMA 4X IN STAINLESS STEEL, FOR EXTERIOR AND NEMA 1 FOR INTERIOR. UNLESS OTHERWISE NOTED.
64. IT IS IMPORTANT THAT THE ELECTRICAL CONTRACTOR VERIFIES THE SHOP DRAWINGS ELECTRICAL WIRING DIAGRAMS OF ALL THE PACKAGE UNITS BEFORE INSTALLING FEEDERS, BREAKERS AND CONDUITS. THE ELECTRICAL CONTRACTOR SHALL CONFIRM THAT THE ELECTRICAL INFRASTRUCTURE SPECIFIED ON DRAWINGS COMPLIES WITH THE REQUIREMENTS OF THE PACKAGE MANUFACTURER. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
65. ALL COMBINATIONS STARTER MOTOR CONTROLLER STARTER INDIVIDUALLY OR IN MCC'S SHALL PROVIDE HAND–OFF–AUTO SELECTOR SWITCH, START/STOP PUSH BUTTONS AND GREEN PILOT LIGHT INDICATOR FOR RUNNING CONDITION IT SHALL ALSO PROVIDE AUXILIARY CONTACTS TO SEND A SIGNAL TO A REMOTE LOCATION TO INDICATE THE STATUS OF THE MOTOR.
66. ALL RECEPTACLES AND LIGHTING SWITCH COVER PLATES SHALL BE WHITE COLOR.
67. ALL TELECOMMUNICATION AND FIRE ALARM DEVICES SHALL BE MOUNTED USING A 4 11/16" x 2 1/8" SQUARE JUNCTION BOX. (UON)
68. TELEPHONE/DATA CONDUIT RUNS SHALL BE COORDINATED WITH THE SYSTEM PROVIDER.
69. TELEPHONE CONDUIT RUNS SHOULD NOT HAVE MORE THAN TWO 90 DEGREES BENDS.
70. UNLESS OTHERWISE INDICATED ALL OUTLETS SHALL BE FLUSH MOUNTED AND SHALL HAVE THEIR OWN INDEPENDENT OUTLET BOWES. MINIMUM SIZE OF THE OUTLET BOX TO BE 4 11/16" SQUARE AND 2 1/8" DEEP. EXACT SIZE SHALL BE DETERMINED ACCORDING TO THE MAXIMUM NUMBERS OF CONDUCTORS IN THE BOX AS PER N.E.C. ARTICLE 314 SECTION 6.
71. CONTRACTOR SHALL USE NEMA 1 ENCLOSURE FOR INTERIORS AND NEMA 4X STAINLESS STEEL FOR EXTERIOR AND DAMP LOCATION.
72. CONTRACTOR IS RESPONSIBLE TO VERIFY THAT ALL THE NEW ELECTRICAL EQUIPMENTS SUCH AS BREAKERS, STARTERS, ETC. ARE COMPATIBLE WITH THE EXISTING ELECTRICAL INFRASTRUCTURE OF THE FACILITIES.
73. THE ENTIRE ELECTRICAL INSTALLATION SHALL CONFORM TO THE LATEST APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND LOCAL JURISDICTION REQUIREMENTS.
74. ALL ELECTRICAL EQUIPMENT SHALL BEAR THE UNDERWRITER'S LABORATORIES LABEL.
75. ALL ELECTRICAL EQUIPMENT SHALL BE NEW.
76. "PROVIDE" UNDER THIS CONTRACT IS DEFINED AS FURNISH AND INSTALL. "CONCEALED" UNDER THIS CONTRACT IS DEFINED AS HIDDEN BY ARCHITECTURAL WALLS AND CEILINGS. "EXPOSED" UNDER THIS CONTRACT IS DEFINED AS VISIBLE TO VIEW. "INDICATED" UNDER THIS CONTRACT IS DEFINED AS SHOWN IN THE CONTRACT DOCUMENTS.
77. SWITCHES
   A. THE LOCATIONS OF SWITCH OUTLETS SHALL BE VERIFIED BEFORE INSTALLATION BY THE CONTRACTOR WITH THE OWNER.
   B. WHERE TWO OR MORE DEVICES OF THE SAME VOLTAGE ARE SHOWN TOGETHER ON THE PLANS, A GANGED PLATE SHALL BE USED. DEVICES OF DIFFERENT VOLTAGES SHALL BE SEPARATED HORIZONTALLY BY 6" BUT SHALL BE HORIZONTALLY OR VERTICALLY ALIGNED.
   C. ALL SWITCH AND ACCESS CONTROL OUTLETS SHOWN ON A WALL BACK TO BACK SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY.
   D. COORDINATE LIGHT SWITCHES ON DRAWINGS WITH DOOR SWINGS. LOCATE LIGHT SWITCH ON LOCK SIDE OF DOOR.
   E. ALL WIRING DEVICES SHALL BE SPECIFIED GRADE, COLOR TO MATCH EXISTING. MANUFACTURED BY P&S, LEVITON OR HUBBELL. PROVIDE STAINLESS STEEL DEVICE PLATES.
78. LIGHTING FIXTURES
   A. COORDINATE RECESSED LIGHTING FIXTURES WITH SPRINKLERS, MECHANICAL EQUIPMENT AND ARCHITECTURAL CEILING PLAN. GRID LAYOUT ON PLANS IS APPROXIMATE, ADJUST AND COORDINATE LIGHTING FIXTURES IN FIELD.
   B. PROVIDE FINISHED FRAMES FOR ALL RECESSED LIGHTING FIXTURES, TYPE SHALL BE COMPATIBLE WITH CEILING. COORDINATE ALL FIXTURE TYPES WITH CEILING SYSTEM BEFORE ORDERING FIXTURES. PROVIDE ALL MOUNTING ATTACHMENTS FOR A COMPLETE INSTALLATION. LIGHTING FIXTURES SHALL BE SUPPORTED FROM BUILDING STRUCTURE INDEPENDENTLY FROM CEILING SYSTEM. FOR STEM MOUNTED FIXTURE CONTRACTOR SHALL PROVIDE TWO STEMS PER FIXTURE.
   C. ALL LIGHTING FIXTURES SHALL BE INSTALLED COMPLETE WITH LAMPS. SEE PLANS FOR SPECIFIC REQUIREMENTS.
79. BRANCH CIRCUITS & FEEDERS
   A. ALL CONDUCTORS SHALL BE COPPER.
   B. CONDUCTOR INSULATION SHALL BE THWN–2 (90°C). USE XHHW–2 (90°C) TYPE CONDUCTOR FOR UNDERGROUND RUNS. (UON)
   C. ALL CIRCUITRY SHALL BE RUN CONCEALED IN FINISHED AREAS. CIRCUITRY SHALL NOT BE PERMITTED TO BE RUN EXPOSED EXCEPT FOR DIRECT VERTICAL DROPS TO ITS RESPECTIVE SURFACE MOUNTED PANELBOARD.
   D. ALL CIRCUITRY RUNS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL DETERMINE IN FIELD THE MOST SUITABLE ROUTES.
   E. MINIMUM SIZE CONDUIT SHALL BE 3/4"Ø.
   F. ALL WIRING SHALL BE COLOR CODED THROUGHOUT.
   G. FINAL CONNECTIONS TO ALL MOTORS OR VIBRATING EQUIPMENT SHALL BE WITH LFMC CONDUIT.
   H. EXPOSED AND CONCEALED CIRCUITRY SHALL BE RUN TIGHT TO CEILING SLAB IN A NEAT WORKMANLIKE MANNER. ALL RUNS SHALL BE PARALLEL OR PERPENDICULAR TO BUILDING WALLS & SECURED TO BUILDING STRUCTURE AND WALL ONLY.
   I. ALL WIRES AND CABLES SHALL BE #12 AWG, EXCEPT WHEN OTHERWISE INDICATED ON DWG'S OR AS INDICATED BELOW FOR AMPS. CIRCUITS WIRE SIZING. ALL 20 AMPS, 120 VOLTS CIRCUITS RUNS SHALL BE AS FOLLOWS:
      5' TO 50' LENGTH, #12 AWG. 100' TO 150' LENGTH, #8 AWG.
      50' TO 100' LENGTH, #10 AWG. 150' TO 200' LENGTH, #6 AWG.
   J. ALL BRANCH CIRCUITS AND FEEDERS SHALL BE EQUIPPED WITH SEPARATE INSULATED GROUND WIRE PER N.E.C. 250–95.
   K. ALL CIRCUITS SHALL BE TAGGED AND IDENTIFIED IN PANELBOARDS AND PULLBOXES.
   L. CONNECTORS FOR EMT CONDUIT SHALL BE OF THE COMPRESSION TYPE.
80. GROUNDING
   A. ALL RECEPTACLES, LIGHTING FIXTURES, MOTORS, ETC., SHALL BE GROUNDED PER N.E.C. REQUIREMENTS. ALL ALL CIRCUITS SHALL CONTAIN FULL SIZE INSULATED GROUND CONDUCTOR.
   B. ALL SYSTEMS SHALL BE GROUNDED AND BONDED PER N.E.C.
   C. MAXIMUM POINT TO POINT RESISTANCE TO GROUND SHALL NOT EXCEED 0.5 OHMS.
   D. CONNECTION TO STRUCTURAL STEEL SHALL BE DONE USING CADWELD.
81. EXISTING CONDITIONS AND DEMOLITION WORK
   A. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL THE EXISTING CONDITIONS THAT MAY AFFECT HIS WORK.
   B. THE CONTRACTOR SHALL COORDINATE WITH OWNER/ REPRESENTATIVE ALL DEMOLITION WORK. REMOVE, PACKAGE AND STORE ALL EXISTING ELECTRICAL EQUIPMENT NOTED TO BE RE–USED, REFURBISH ALL OF THIS EQUIPMENT PRIOR TO INSTALLATION PER NEW WORK.
   C. THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF ALL EXISTING ELECTRICAL WORK AFFECTED BY THIS CONTRACT. RESTORE CIRCUITS SERVING EXISTING EQUIPMENT TO REMAIN WHICH ARE INTERRUPTED DURING THE COURSE OF THIS WORK. ANY REQUIRED ELECTRICAL OUTAGE SHALL BE AFTER REGULAR HOURS AND REQUESTED IN WRITING FOR APPROVAL BY THE BUILDING OWNER/REPRESENTATIVE.
   D. CONTRACTOR SHALL REFER TO THE CONTRACT DOCUMENTS FOR EXTENT OF DEMOLITION WORK.
   E. OBTAIN ADVANCE APPROVAL FROM BUILDING OWNER/ REPRESENTATIVE BEFORE SLEEVING EXISTING SLABS.

      SHALL PROVIDE FOR AN OPEN TOP DUMPSTER TO BE PLACED ON SITE AT AN APPROVED LOCATION.
   G. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING DEVICES ON A CIRCUIT WHEN THE DRAWINGS CALL FOR REMOVAL AND/ OR DISPOSAL OF A DEVICE ON THAT CIRCUIT.
82. MISCELLANEOUS
   A. ALL EMPTY RACEWAY SHALL CONTAIN A PULL WIRE.
   B. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEBRIS GENERATED BY THIS WORK. CONTRACTOR WORK AREA SHALL BE CLEAN OF DEBRIS AFTER COMPLETION OF WORK.
   C. NO PENETRATIONS INTO ASBESTOS CONTAINING MATERIALS (ACM) SHALL BE PERFORMED BY THE CONTRACTOR. NOTIFY THE OWNER PRIOR TO ANY CUTTING OR DRILLING. THE MAJOR CONTRACTOR WILL BE RESPONSIBLE FOR ABATEMENT OF AREAS REQUIRING CUTTING OR DRILLING IN ACM.
83. TESTING
   A. AT THE TIME OF FINAL INSPECTION AND TEST, ALL CONNECTIONS AT PANELBOARDS, DEVICES AND EQUIPMENT, AND ALL SPLICES MUST BE COMPLETED. EACH CIRCUIT AND ITS RESPECTIVE CONNECTED EQUIPMENT MUST TEST FREE OF SHORT CIRCUITS AND GROUNDS.
   B. PROVIDE TESTING OF ALL ELECTRICAL COMPONENTS PER NETA TEST PROCEDURES.
84. SHOP DRAWINGS
   A. SUBMIT FOUR (4) SETS OF SHOP DRAWINGS OF ELECTRICAL EQUIPMENT TO BUILDING OWNER/ REPRESENTATIVE FOR APPROVAL BEFORE ORDERING.
85. ALL WORKMANSHIP, MATERIALS AND EQUIPMENT SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF AREA BY OWNER.
86. IN CASE OF CONFLICTS BETWEEN DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR SHALL NOT PROCEED WITH THAT PART OF THE WORK UNTIL SUCH DIFFERENCES HAVE BEEN BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION.
87. ALL WIRES AND CABLES SHALL BE #12 AWG, EXCEPT WHEN OTHERWISE INDICATED ON DWG'S OR AS INDICATED BELOW FOR AMPS. CIRCUITS WIRE SIZING. ALL 20 AMPS, 125 VOLTS CIRCUITS RUNS SHALL BE AS FOLLOWS:
   5' TO 50' LENGTH, #12 AWG. 100' TO 150' LENGTH, #8 AWG.
   50' TO 100' LENGTH, #10 AWG. 150' TO 200' LENGTH, #6 AWG.
88. IN CASE THE CONTRACTOR BELIEVES HE HAS DISCOVERED DISCREPANCIES, ERRORS, OMISSIONS, ECT. IN THE DRAWINGS AND/OR SPECIFICATIONS, HE SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. IF THE CONTRACTOR FAILS TO GIVE SUCH NOTICE AND OBTAIN ADEQUATE CLARIFICATION, AND HE WILL BE HELD RESPONSIBLE FOR THE RESULT OF SUCH ERRORS OR OMISSIONS, AND HE WILL BE HELD RESPONSIBLE FOR THE COST OF RECTIFYING SUCH ERRORS.
89. BEFORE COMMENCING WORK, CONTRACTOR SHALL VERIFY MEASUREMENTS AT SITE AND THE EXISTING STRUCTURES (IF ANY). ANY DIFFERENCES BETWEEN ACTUAL MEASUREMENTS AND THOSE SHOWN ON PLANS, SHALL BE SUBMITTED TO THE ENGINEER FOR CONSIDERATIONS AND DECISIONS BEFORE PROCEEDING WITH THE WORK.
90. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE THE CONSTRUCTION BEGINS.
92. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL THE POWER AND CONTROL INTERCONNECTIONS AMOUNG ALL THE DIFFERENT PARTS OF THE OF THE AIR CONDITIONING SYSTEM (FAN COILS/AHU'S, CONDENSING UNITS, THERMOSTATS, ECT.). THE CONTRACTOR SHALL ALSO PROVIDE ALL THE STARTING AND DISCONNECT EQUIPMENT FOR SAID SYSTEMS.
93. IT IS THE INTENT OF THE CONTRACT DRAWINGS TO CALL FOR A COMPLETE, TESTED AND OPERATIONAL ELECTRICAL SYSTEM. ANY MINOR DETAILS NOT SHOWN BUT REQUIRED FOR THE PROPER FUNCTION AND OPERATION OF THE SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR AT NOT ADDITIONAL COST.
94. MAKE ALL PROVISIONS NECESSARY TO PREVENT CORROSION RESULTING FROM CONTACT BETWEEN DISSIMILAR METALS.
95. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME ACQUAINTED WITH THE EXISTING FIELD CONDITIONS. IT SHALL BE THE DIRECT RESPONSIBILITY OF THE CONTRACTOR TO BRING PROMPTLY TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THOSE THAT WERE USED FOR DESIGN PURPOSES. THIS SHALL BE DONE BEFORE THE CONTRACTOR SUBMITS HIS BID, SO THAT THE ENGINEER CAN RENDER A DECISION ON THE MATTER BEFORE THE BIDS ARE RECEIVED. THE SUBMITTAL OF THE BID BY THE CONTRACTOR WILL BE HELD AS PROOF THAT THE CONTRACTOR UNDERSTAND THOROUGHLY AND COMPLETELY THE SCOPE OF THE WORK INVOLVED, HAS FAMILIARIZED HIMSELF WITH THE EXISTING FIELD CONDITIONS, AND HAS INCLUDED IN HIS BID ALL THE ITEMS NECESSARY TO PERFORM THE ELECTRICAL WORK. NO ALLOWANCE WILL BE PERMITTED ON THIS MATTER AFTER THE BIDS ARE RECEIVED.

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CONSULTANT'S SEAL

YO, JORGE SANTORI TRISTANI, INGENIERO LICENCIADO #18424, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ LOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CONCURRIDOS CON Y ESTABLECIDOS CONFORME A DICHO CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. (EN EL CASO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON CUALQUIER DISPUESTO EN LA LEY NÚM. 1A DE 8 DE ENERO DE 2008, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA A PUERTO RICO" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1985, SEGÚN ENMENDADA; O SEGÚN APLIQUEN). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FABRICACIÓN DE LOS HECHOS QUE SE HA PROPUESTO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON

PANEL NAME			PANEL LOCATION	PANEL SCHEDULE							CIRCUIT BREAKER REMARKS			
A-LP			ELECTRICAL ROOM	BUS RATING	100 A		VOLTAGES				ARC= ARC FAULT TYPE H = HACR G = GFCI L = C/B LOCK TC = TIME CLK			
FEED	MOUNTING/ NEMA TYPE		MAIN C/B OR MAIN LUG RATING & TYPE	AIC RATING	22,000		L-L	240			NB = NEW CIRCUIT BREAKER Sw = SWITCH CONTROL			
TOP	SURFACE/NEMA 1R STAINLESS STEEL		100A MAIN BREAKER	BUS MATERIAL	COPPER		L-N	120			CX = CONTACTOR CONTROL			
	BREAKER			LOAD		PHASING		LOAD			EX = EXISTING LOAD TO REMAIN NL = NEW LOAD ON EXISTING			
CKT NO.	(REMARKS)		LOAD DESCRIPTION	TYPE	LOAD VA	L1	L2	VA	TYPE	LOAD DESCRIPTION	BREAKER (REMARKS)		CKT NO	
1	20/2	-	KIOS AREA POLES	-	480			468	-	KIOS AREA POLES	20/2	-	2	
3					468			468					4	
5	20/2	-	KIOS AREA BOLLARDS	-	72			72	-	KIOS AREA POLES	20/2	-	6	
7					72			72					8	
9	-	-	SPACE	-	-			180	-	TIMER	20/1	-	10	
11	-	-	SPACE	-	-			-	-	SPACE	-	-	12	
13	-	-	SPACE	-	-			-	-	SPACE	-	-	14	
15	-	-	SPACE	-	-			-	-	SPACE	-	-	16	
17	-	-	SPACE	-	-			-	-	SPACE	-	-	18	
19	-	-	SPACE	-	-			-	-	SPACE	-	-	20	
21	-	-	SPACE	-	-			-	-	SPACE	-	-	22	
23	-	-	SPACE	-	-			-	-	SPACE	-	-	24	
								1,353		TOTAL CONNECTED LOAD IN VA - PHASE A				
								1,072		TOTAL CONNECTED LOAD IN VA - PHASE B				
								2,324		TOTAL CONNECTED LOAD IN KVA - ALL PHASES				
			125% REC DEMAND AMPERES LOAD		12.1			10		TOTAL CONNECTED LOAD IN AMPERES - ALL PHASES				

PANEL NAME			PANEL LOCATION	PANEL SCHEDULE							CIRCUIT BREAKER REMARKS			
RP-1			ELECTRICAL ROOM	BUS RATING	225 A		VOLTAGES				ARC= ARC FAULT TYPE H = HACR G = GFCI L = C/B LOCK TC = TIME CLK			
FEED	MOUNTING/ NEMA TYPE		MAIN C/B OR MAIN LUG RATING & TYPE	AIC RATING	10,000		L-L	208			NB = NEW CIRCUIT BREAKER Sw = SWITCH CONTROL			
TOP	SURFACE/NEMA 3R STAINLESS STEEL		225A MAIN BREAKER	BUS MATERIAL	COPPER		L-N	120			CX = CONTACTOR CONTROL			
	BREAKER			LOAD		PHASING		LOAD			EX = EXISTING LOAD TO REMAIN NL = NEW LOAD ON EXISTING			
CKT NO.	(REMARKS)		LOAD DESCRIPTION	TYPE	LOAD VA	L1	L2	L3	VA	TYPE	LOAD DESCRIPTION	BREAKER (REMARKS)		CKT NO
1	50/2	-	POLES P2/P6/P5	-	3,600				2,039	-	POLES P5/P6	80/2	-	2
3					3,600				2,039					4
5	40/2	-	POLES P1/P7/P8	-	3,050				580	-	RECEPTACLES	20/1	-	6
7					3,050				580		RECEPTACLES	20/1	-	8
9	20/2	-	LIGHTING	-	335				288	-	WALKWAYS LIGHTING POLES	20/2	-	10
11	20/1	-	LIGHTING	-	178				288					12
13	20/2	-	WALKWAYS LIGHTING POLES	-	507				429	-	WALKWAYS LIGHTING POLES	20/2	-	14
15					507				429					16
17	20/2	-	WALKWAYS LIGHTING POLES	-	626				180	-	MUSCO CONTROL PANEL	20/1	-	18
19					629				180		TIMER	20/1	-	20
21	20/1	-	CANOPY LIGHTING	-	112				80	-	EMERGENCY LIGHTS	20/1	-	22
23	-	-	SPACE	-	-				-	-	SPACE	-	-	24
25	-	-	SPACE	-	-				-	-	SPACE	-	-	26
27	-	-	SPACE	-	-				-	-	SPACE	-	-	28
29	-	-	SPACE	-	-				-	-	SPACE	-	-	30
31	-	-	SPACE	-	-				-	-	SPACE	-	-	32
33	-	-	SPACE	-	-				-	-	SPACE	-	-	34
35	-	-	SPACE	-	-				-	-	SPACE	-	-	36
37	-	-	SPACE	-	-				-	-	SPACE	-	-	38
39	-	-	SPACE	-	-				-	-	SPACE	-	-	40
41	-	-	SPACE	-	-				-	-	SPACE	-	-	42
									10,574		TOTAL CONNECTED LOAD IN VA - PHASE A			
									7,198		TOTAL CONNECTED LOAD IN VA - PHASE B			
									4,845		TOTAL CONNECTED LOAD IN VA - PHASE C			
									22,619		TOTAL CONNECTED LOAD IN KVA - ALL PHASES			
			125% REC DEMAND AMPERES LOAD		77.8				62		TOTAL CONNECTED LOAD IN AMPERES - ALL PHASES			

ELECTRICAL LEGEND:

PP — POWER DISTRIBUTION PANEL "PP". SEE PANEL SCHEDULE FOR DETAILS.

DUPLEX WALL RECEPTACLE, 20A, 125V, 1P, TAMPER RESISTANT 5-20R GROUNDING TYPE. SPECIFICATION COMMERCIAL GRADE, FLUSH MOUNTED, 18" AFF., 24" AFF. IN KITCHEN AREAS. REFER TO KITCHEN EQUIPMENT SCHEDULE FOR HEIGHTS OF RECEPTACLES SERVING THE KITCHEN EQUIPMENT. (UON)
WP= WEATHER PROOF.
G= GROUND FAULT TYPE.

LOP — LIGHTING CONTROL PANEL, 5'-0" AFF. SEE ELECTRICAL DIAGRAM FOR DETAILS.

TM — DIGITAL TIMER. SEE ELECTRICAL DIAGRAM FOR DETAILS.

(12) — CONDUIT RUN ABOVE REFLECTED CEILING OR EMBEDDED IN WALL. DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHORT LINE BEING THE LIVE CONDUCTORS AND / = GROUND CONDUCTOR. NUMBER INDICATES CIRCUIT DESIGNATION. CONDUCTOR AND CONDUIT SIZE SHALL BE AS INDICATED ON THE HOME RUN OF THE CIRCUIT. IF NO DASHES ARE NOT SHOWN USE 2#12 CONDUCTOR AND 1#12 GROUND IN A 3/4" CONDUIT. (UON)

(12) — SAME AS ABOVE BUT EMBEDDED IN FLOOR OR WALL (UON)

PP (1,2) — HOME RUN TO PANEL. "PP" INDICATES DESTINATION PANEL AND THE NUMBERS INDICATES CIRCUIT NUMBERS (IF NUMBERS ARE SEPARATED BY "/ " THIS MEANS THAT IS A MULTIPOLE CIRCUIT). DASHES INDICATES AMOUNT OF LIVE CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHORT LINE BEING THE LIVE CONDUCTOR AND "/ " = GROUND CONDUCTOR. IF NO DASHES ARE SHOWN USE 2#12 CONDUCTORS AND 1#12 GROUND IN A 3/4" CONDUIT.

J — WALL MOUNTED 4 11/16" x 2 1/8" JUNCTION BOX, 18" AFF. (UON)

J — FLOOR MOUNTED 4 11/16" x 2 1/8" JUNCTION BOX, FLUSH MOUNTED. ADA COMPLAINT WITH RECESED COVER PLATE.

Sa — GENERAL PURPOSE LIGHTING SWITCH, 20A, 1P, 125V/277V, 48" AFF. SMALL LETTER INDICATES FIXTURE THAT IS BEING CONTROLLED. (UON)
3w = THREE WAY LIGHTING SWITCH.

Sa Sb — SAME AS ABOVE BUT GANG TOGETHER

A a — SURFACE OR RECESSED CEILING MOUNTED LIGHTING FIXTURE, (CAPITAL LETTER INDICATES FIXTURE TYPE, SMALL LETTER INDICATES SWITCH THAT CONTROLS THE FIXTURE) SEE LIGHTING SCHEDULE.

A a — SAME AS ABOVE BUT WALL MOUNTED, 8'-0" AFF. (UON)

a — LIGHTING FIXTURE, CEILING MOUNTED (CAPITAL LETTER INDICATES FIXTURE TYPE, NUMBER INDICATES CIRCUIT NUMBER, SMALL LETTER INDICATES SWITCH THAT CONTROLS THE FIXTURE) IF NO SMALL LETTER IS SHOWN, CONNECT THE LIGHTING FIXTURE TO THE LIGHTING SWITCH SHOWN ON DWG'S. SEE LIGHTING SCHEDULE FOR DETAILS.

EMERGENCY LED EXIT LIGHT 7W, 120V/277V WITH 90 MINUTES BATTERY BACK-UP, WALL MOUNTED, 7'-6" AFF. EQUAL TO MODEL SEL-50 AS MANUFACTURED BY COOPER.

ABBREVIATIONS:

A	AMPERES
ACT	ABOVE COUNTER TOP
AFF	ABOVE FINISHED FLOOR
AIC/KAIC	AMPERES INTERRUPTING CAPACITY
C	CONDUIT
CKT	CIRCUIT
DWG	DRAWING
EMT	ELECTRICAL METALLIC TUBING
E	EXISTING
F	FUSIBLE
G	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
FMC	FLEXIBLE METALLIC CONDUIT
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
MNF	MANUFACTURED
N/A	NOT APPLY OR NOT AVAILABLE
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
N.E.C.	NATIONAL ELECTRIC CODE
NF	NON-FUSIBLE
P	POLES
P.R.E.P.A.	PUERTO RICO ELECTRIC AND POWER AUTHORITY
RL	RELOCATED
RGS	RIGID GALVANIZED STEEL
SS	STAINLESS STEEL
TV	TELEVISION
TYP.	TYPICAL
UON	UNLESS OTHERWISE NOTED
U	CONNECTED TO PANEL FEED FROM UPS, ORANGE COLOR DEVICE AND COVER PLATE.
WP	WATERPROOF
W	WIRES
V	VOLTAGE
ϕ	PHASE

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CONSULTANT'S SEAL

YO, JORGE SANTOS TRISTANI, INGENIERO LICENCIADO #18424, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ LOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES SUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CONCURRIENTES CON YO ESTABLECEN EL CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. (EN EL CASO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 1A DE 8 DE ENERO DE 2008, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUES) RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, MEDIACIÓN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OSPE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ELETRICAL LEGEND AND NOTES

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	90% DELIVERY	JST	JST

PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER 80 | TOTAL 83

DRAWING NUMBER
E-002

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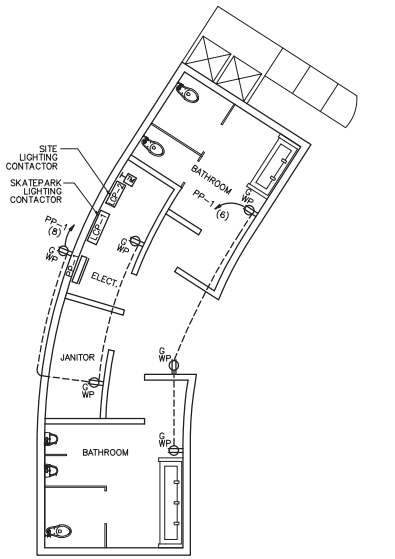
LIGHTING FIXTURE SCHEDULE

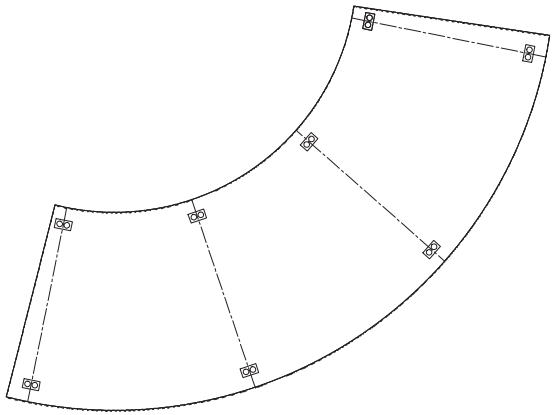
ITEM #	EQUIPMENT DESCRIPTION	LAMPS NO. AND TYPE	DRIVER	VOLTAGE	MANUFACTURER MODEL NUMBER	REMARKS
L1	LED ROUND SURFACE MOUNTED	LED/2619 LUMENS/32W/3000K	LED DIM TO 1% (0-10V)	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL FCW3800-UNV-3K-CRI85-26L-WHE AS MANUFACTURED FC LIGHTING	(1)
L2	7"X48" SURFACE MOUNTED	LED/6944 LUMENS/50W/3000K	LED DRIVER	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL BS100LED-4-HT-MO-WT30-120-277V-SS AS MANUFACTURED BY BEGHELLI	(1)
L3	EXTERIOR SQUARE WALL MOUNTED	LED/2000 LUMENS/25W3000K/TYPE III	LED DIM TO 1% (0-10V)	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL BLDN-WM-VOLT-CSL-XS20-30K-CRI80-3-FINISH-DIM-CRC MANUFACTURED BY LUMENPULSE	(1)
L4	CEILING MOUNTED LED FIXTURE	LED/782LUMENS/16W/3000K	LED DIM TO 1% (0-10V)	120V	EQUAL OR APPROVED EQUAL TO MODEL BLRD5-16C3-30KS-25-S-WH-120V-D19 AS MANUFACTURED BY USAI	(1)

(1) COORDINATE LUMINARIES MODEL WITH THE MODELS SPECIFIED IN THE ARCHITECTURAL DRAWINGS. OBTAIN APPROVAL FROM THE ARCHITECT.

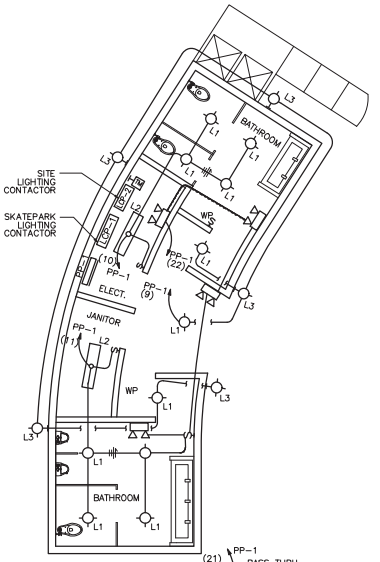
NOTES:

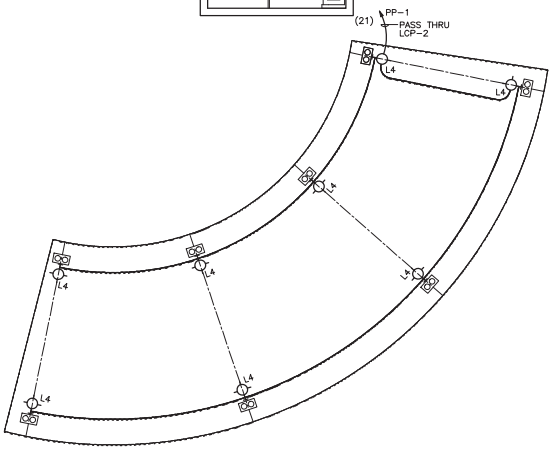
1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001.
2. FOR ELECTRICAL LEGEND SEE DWG. E.002.





ENTRANCE CANOPY AND PUBLIC BATHROOM PROPOSED ELECTRICAL PLAN
SCALE: 3/16"=1'-0"





ENTRANCE CANOPY AND PUBLIC BATHROOM PROPOSED LIGHTING PLAN
SCALE: 3/16"=1'-0"

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ENTRANCE CANOPY AND PUBLIC BATHROOM
PROPOSED LIGHTING PLAN

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOK DELIVERY	JST	JST

PROJECT
--

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R.L.R. J.S.T.

NUMBER	TOTAL
81	83

DRAWING NUMBER
E-101

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ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO.7309

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
RENDERS

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PROJECT

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JDD I.H.

NUMBER	TOTAL
82	83

DRAWING NUMBER
RE-1









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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

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DRAWING NAME
RENDERS

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NO.	DATE	REVISION	BY	APPROVED

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JDD I.H.

NUMBER	TOTAL
83	83

DRAWING NUMBER
RE-2

GOVERNMENT OF PUERTO RICO
STATE HISTORIC PRESERVATION OFFICE
Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Wednesday, August 21, 2024

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-08-13-24-04 PR-CRP-000935 (San Juan), Escambrón Skate Park at Parqe Tercer Milenio

Dear Ms. Poche,

Our Office has received and reviewed the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the National Historic Preservation Act, as amended) and 36 CFR Part 800: Protection of Historic Properties from the Advisory Council on Historic Preservation.

After a review of all the documentation, the PRSHPO agrees with your finding that the proposed project with the established conditions, will have no adverse effect upon historic properties:

1. Archaeological monitoring during project implementation. Please provide us with an archaeological monitoring plan, for our review and concurrence, prior to implementation.

If you have any questions concerning our comments, do not hesitate to contact our Office.

Sincerely,

Carlos A. Rubio Cancela
State Historic Preservation Officer
CARC/GMO/ MB

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

Arch. Carlos A. Rubio Cancela
Executive Director
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá, Third Floor
San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Aldo A. Rivera Vázquez, PE
Director
Division of Environmental Permitting and Compliance
Office of Disaster Recovery

8/13/2024

Carlos A. Rubio Cancela
State Historic Preservation Officer
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá (Tercer Piso)
San Juan, PR 00902-3935

Puerto Rico Disaster Recovery, CDBG-DR City Revitalization (City-Rev) Program

Section 106 NHPA Effect Determination Submittal for PR-CRP-000935, Escambrón Skate Park at Parqe Tercer Milenio Project, San Juan, Puerto Rico – *No Adverse Effect, Conditioned*

Dear Architect Rubio Cancela,

On February 9, 2018, an allocation of Community Development Block Grant - Disaster Recovery (CDBG-DR) funds was approved by the United States Department of Housing and Urban Development (HUD) under the Federal Register Volume 83, No. 28, 83 FR 5844, to assist the Commonwealth of Puerto Rico in meeting unmet needs in the wake of Hurricanes Irma and Maria. On August 14, 2018, an additional $8.22 billion recovery allocation was allocated to Puerto Rico under the Federal Register Volume 83, No. 157, 83 FR 40314. With these funding allocations, the Puerto Rico Department of Housing (PRDOH) aims to lead a comprehensive and transparent recovery for the benefit of Puerto Rico residents. To faithfully comply with HUD's environmental requirements, the Puerto Rico Department of Housing contracted Horne Federal, LLC (HORNE) to provide environmental records review services that will support the objectives of the Puerto Rico Department of Housing (PRDOH) for CDBG-DR.

On behalf of PRDOH, HORNE is submitting documentation for the proposed Escambrón Skate Park at Parqe Tercer Milenio Project. The Municipality of San Juan proposes to revitalize the Tercer Milenio park grounds and its facilities for sports activities to improve an area for the resilience of the low-and moderate-income communities around the San Juan Antiguo neighborhood (Puerta de Tierra) that were affected by hurricanes Irma and María in 2017, as well as stimulate the economy activity in the area. This reconstruction project consists of upgrading the park and a new design for the Escambrón Skate Park.

The project involves a comprehensive upgrade to the park's electrical system, including the installation of new LED lights and the replacement or installation of poles as necessary. The reconstruction will also affect the sidewalks around the park. This will involve removing sign bases, posts, and other obstacles, rehabilitating affected areas with a uniform finish, and ensuring that the existing floor finish complies with ADA pedestrian area standards. Additionally, broken pavers will be replaced, and the remaining pavers will be cleaned.

All surfaces (concrete and metals) on the existing office maintenance building, stairs, and pedestrian bridge will be cleaned with water pressure, prepared, and painted. The walls of the existing exterior concession building will be restored, and any existing cracks and damaged finishes will be repaired. Any existing paint will be removed and repainted using water blasting and scraping.

Other proposed activities include the replacement and installation of urban furniture, fixed garbage cans, installation or rehabilitation of bollards, shaded areas for park users, and fixed racks for bicycles. The general landscaping plan includes the installation of trees and sustainable landscaping, replacing dead trees, and pruning living trees as needed. A new 30,000 square foot "Concrete Skate Park" exclusively for skateboarding will be built, along with a new entrance and bathrooms for the skatepark. The full scope of the project is described in the submitted documentation, which includes mapping, photographs, and the 90% construction plans.

Based on the provided documentation, the Program requests a concurrence with a determination that "No Adverse Effect" is appropriate for this undertaking, conditioned to archaeological monitoring during all demolitions, excavations, and ground-disturbing activities. If this condition is deemed appropriate, an archaeological monitoring plan will be prepared and submitted to the PRSHPO for review and concurrence regarding the appropriateness of its implementation for this undertaking.

If you have any questions or concerns, please contact me by email at lauren.poche@horne.com or phone at 225-405-7676.

Kindest regards,



Lauren Bair Poche. M.A.
Architectural Historian, EHP Senior Manager
Attachments
JCO

PR-CRP-000935

Escambrón Skate Park at Parqe Tercer Milenio Project

San Juan, Puerto Rico

Section 106 Effect Determination Form

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination	
Subrecipient: Municipality of San Juan	
Project Name: Escambrón Skate Park at Parque Tercer Milenio	
Project Number: PR-CRP-000935	

Project Location: Escambrón Skate Park at Parque Tercer Milenio	
Project Coordinates: 18.465682, -66.090019	
TPID (Número de Catastro): 040-006-125-01 and 040-006-135-01-001	
Type of Undertaking: ☐ Substantial Repair ☒ New Construction	
Construction Date (AH est.): c. 1998	**Property Size (acres):** 5.95

SOI-Qualified Architect/Architectural Historian: Zuleika Hernández Miranda; reviewed and edited by Jorge Lizardi Pollock
Date Reviewed: July 14, 2023; July 5, 2024
SOI-Qualified Archaeologist: Virginia Rivera Calderón; reviewed and edited by Imandra Martínez Castañeda
Date Reviewed: September 11, 2023; July 5, 2024

In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program is responsible for identifying historic properties listed in the NRHP and any properties not listed that would be considered eligible for listing that are located within the geographic area of potential effects (APE) of the proposed project and assessing the potential effects of its undertakings on these historic properties.

Project Description

The project intends to revitalize the Tercer Milenio park grounds and its facilities for sports activities to improve an area for the resilience of the low-and moderate-income communities around the San Juan Antiguo neighborhood (Puerta de Tierra) that were affected by hurricanes Irma and María in 2017, as well as stimulate the economy activity in the area. This reconstruction project consists of the park upgrading and a new design of the Escambrón Skate Park (Figures 19 and 20). The project includes a general improvement to the electrical system of the park and the installation of new LED luminaires, the installation or replacement of the poles as needed and any other improvement pertinent. The reconstruction will equally impact the sidewalks around the park. Sign bases and posts and other obstacles must be removed, and impacted areas rehabilitated with a homogeneous finish to the adjoining area and rehabilitate the existing floor finish to ADA-compliant pedestrian areas. The project includes removing and replacing all broken pavers and cleaning all existing surfaces not to be replaced. Remove and reinstall existing pavers to achieve the existing surrounding concrete slab elevation. All surfaces (concrete and metals) on the existing office maintenance building, stairs, and pedestrian bridge shall be

water-pressure cleaned surface, prepared, and painted. Existing exterior concession building walls are to be restored, and all existing cracks and fragmented finishes must be repaired and refinished. Will remove and re-paint all existing paint (water blasting & scrapping). New entrance and bathroom area will be built.

Signs bases on the pavement and poles and other obstacles must be removed, and impacted areas must be rehabilitated with homogeneous termination to adjoining areas. The replacement and installation of urban furniture, like new benches, will also be held to replace those affected by the strong winds of Hurricane Maria. The benches installed must be fixed and approved by the Municipality. The design of these will consider aesthetics and the durability of these. Installation of fixed furniture strategically located to guarantee the combined use of the facility at different times by the low- and moderate-income communities that benefit from this space. Installation of new fixed garbage cans. The aesthetics of the garbage cans must be in harmony with the park's final design, which the municipality approved. Installation and or rehabilitation of bollards. The aesthetics of the bollards must be in harmony with the final design of the plaza approved by the municipality. Provide elements and shaded areas for park users, especially low- and moderate-income communities that will benefit from this revitalization. Provide fixed racks for bicycles.

The aesthetics of the shelves must be in harmony with the park's final design approved by the municipality. Reconstruction and improvements to the labeling system must provide meaning to the place and address of the entire plaza that was affected by Hurricane Maria, and that is necessary to keep all users of the square informed, especially low- and moderate-income communities that will benefit from this revitalization. Reforestation and landscape design that includes at least. Design and installation of landscape architecture, applying sustainability techniques. Installation of trees and new sustainable landscaping. Replacement of dead trees. Pruning of living trees, as necessary. In addition, it is proposed to a new construction of 30,000 sf World Class "Concrete Skate Park" for the exclusive use of Park Skateboarding. New construction of Skatepark entrance and bathroom area.

Ground Disturbing and Excavations Activities[1]

- Demolition, clearing, and reconstruction of sidewalks, baseball park, and bleachers (4,454 sf).

[1] See 90% Construction Drawings for Improvements and New Design of Escambrón Skatepark PR-CRP-000935 Municipio Autónomo de San Juan, Puerto Rico.

- Grubbing of areas destined for trees and vegetation: approximately 3' deep (36,000 sf) this includes sodding and landscape area.
- Gazebo structural foundation: 2' 4" deep (460 sf).
- Main entrance and bathroom area foundation: up to 3' deep (632 sf).
- Storm Pipe trench approximately 3' deep (2,387 sf).
- Undercut excavation for skateboard pit in bowl area, maximum depth of 18"-30" deep (8,628 sf).
- Skate rail installation 1'6" deep (117 LF).
- Rammed Aggregate Pier System for soil foundation 30" diameter and 30' depth. Spaced at 15 feet, a total of 250 piers are estimated. They are located throughout the project area in the entrance and skatepark.

Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, The Program has determined that the direct APE for this project (roughly 343 m x 151m, 5.72 acres) is defined to the north by San Agustín Street, to the east by Normandie Street, to the southeast by the walking track of Sixto Escobar Park, to the southwest by Luis Muñoz Rivera Avenue, and the west by the parking lots of San Agustín Street (Figure 23) and the visual APE is the viewshed of the proposed project (Figure 24). which extends considerably given the scale of the proposed project. The project can be observed from the northwest of Luis Muñoz Rivera Park and along the interior facilities of Sixto Escobar. To the east from Normandie Street and across the coast. To the north, it can be seen along the Escambrón Beach up to the entrance of San Agustín Street and the west from this same street. The direct APE is located in the Puerta de Tierra Historic District, which is included in the National Register of Historic Places (NRHP) in 2019[2] (Figure 18). This area primarily contains military, civil, sports, and recreational buildings. The construction dates of the buildings that make up the APE range from the eighteenth

[2] It is important to note that, according to the nomination document, the project is located in a subdistrict called the Puerta de Tierra Recreation District. The Puerta de Tierra Recreational District includes leisure venues along the sector's northern shore –some of which were first proposed by the Bennett, Parsons & Frost 1920s masterplan of the area. During the 19th and 20th centuries, the district was the locale where bullfights, horse and canine races (Hipódromo La Feria), respectively, took place. Fairs and exhibitions were also scheduled within its boundaries. Since time immemorial Old San Juan residents enjoyed Puerta de Tierra Historic District's beaches. In fact, during the 19th century, an overzealous governor prohibited the two genders simultaneous use of beaches. National Register of Historic Places Registration Form. Puerta de Tierra Historic District, 2019.

century to the first half of the twentieth century. The context near the project is characterized by buildings ranging from 7 stories to 1 story in height. The uses vary between residential buildings, commercial buildings, recreational sites, and military structures such as those related to the First Line of Defense of San Juan (walls and their components, powder magazine, among others). The primary architectural styles are the Late Renaissance, Art Deco, International Style, Beaux Arts, and Spanish Revival.

Historic Context

According to historian Adolfo de Hostos, the human occupation of San Juan long preceded the Spanish colonization of the island, maybe for centuries.[3] In his book, History of San Juan: Walled City (1948), one of the places inhabited by the native settlers existed between the grounds of the Capitol and the space now occupied by the Former Barracks of the National Guard. American archaeologist Irving Rouse explored these sites in 1937 and found abundant remains of clay vessels, utensils made of stone, shells, and bones, among others.[4] Subsequent excavations also yielded positive results in the Ballajá neighborhood within San Juan's designated historic zone. However, no other research shows permanent pre-Columbian settlements around the Escambrón beach, today known as the Third Millennium Park. In addition, De Hostos did not find any Spanish testimonies about native populations existing at the time of the founding of the city of San Juan among the numerous documentary sources consulted for his extensive book.

The establishment and growth of the city in the following centuries occurred mostly to the west of the Isleta de San Juan. Rodrigo de Figueroa emphasized this with a clear "here has to be the city" in the drawing accompanying the file for the proposal to move Caparra to the other side of the bay, where the San Juan Antiguo is today (Figure 1). Rodrigo de Figueroa also identified the pass to the east where the fortified bridge of San Antonio was eventually built to connect the Island of Cangrejos, today Santurce, with San Juan. It is no coincidence that the opposite side of the "pass" was the place selected to create the city. In that part of San Juan Island, the Spaniards found freshwater wells and distanced themselves from the swamps or mangroves of the San Antonio Channel south of the Escambrón beach and those found on the east and northeast coast. They also had beaches on that side that were more suitable for creating wharfs within the bay.[5] In short,

[3] Adolfo de Hostos, *Historia de San Juan, ciudad murada. 1521-1898*. San Juan: Instituto de Cultura Puertorriqueña, 1983. Publicado originalmente en 1948.

[4] De Hostos, *Historia de San Juan, ciudad murada*, p. 7

[5] Aníbal Sepúlveda Rivera, *San Juan: Historia ilustrada de su desarrollo urbano, 1508-1898.* San Juan: Carimar, 1989, p. 33.

a healthy landscape and the possibilities of creating ports and building fortifications to defend the Bay of San Juan entrance weighed more.



Figure 1. Rodrigo de Figueroa, "Plano del asiento y del Puerto de la Ciudad de Puerto Rico", 1519 (Retrieved from Geo-Isla, https://www.geoisla.com/2017/06/plano-del-asiento-y-del-puerto-de-la-ciudad-de-puerto-rico-1519/).

The city occupied a high and windy part of the Isleta, as was to be expected after the disastrous experience of Caparra town, where mosquitoes, humidity, and vulnerability to attacks by the natives ended the lives of many. Its location historically facilitated its defense since to the north the coasts are rocky and steep, the entrance to the bay is easily defensible from the tip of El Morro, to the south the mangroves were impenetrable, while to the east the island narrowed into a bottleneck just at the point where today the monumental remnants of what was the third and most important line of defense with the door and curtain of Santiago or Puerta de Tierra. That name would later be used to refer to the two-thirds of the island that remained outside the border of walls that began to be built after the Dutch attack of 1625 and that determined the city's shape and the human and natural geography outside the walls for 272 years.

Between the sixteenth and eighteenth centuries, the mangrove-free land along the Puerta de Tierra neighborhood was used for subsistence agriculture and to meet construction needs. According to the minutes of the city council, these lands were ejidos, called "propios".[6] The ejidos were rented or ceded in usufruct to the city's residents for crops, corrals for poultry breeding, and pastures. The entire strip of the northern coast and the area of the Escambrón beach were instead free and reserved for military uses until the beginning of the twentieth century. Known as the "polemical zone", the entire coast from the third to the first line of defense at the bridge of San Antonio, the fort of San Jerónimo and the battery of the Punta del Escambrón, was jealously controlled by the militia. The parable drawn by the launch of cannonballs from the embrasures determined for three centuries which areas should be free of permanent constructions. [7]

Documents from the eighteenth century indicate that sandstone ashlars, "clay mud," and sand, among other materials, were extracted from the Escambrón beach to reinforce the parapets, escarpments, and counter-escarpments of the first defense line between the San Antonio Bridge, the Escambrón battery and other auxiliary structures such as the San Ramón battery. After the British invasion of Havana in 1762, there were many new works or reforms dictated by engineers such as Juan Francisco Mestre to improve all the defenses, including those that protected the San Antonio Bridge, the entrance road to the city, the

[6] See Aida Caro Costas, editor, *Actas del Cabildo de San Juan*. 19 volúmenes. San Juan: Publicación Oficial del Gobierno de la Capital, 1949.

[7] "Descripción de la isla y ciudad de Puerto Rico y de su vecindad. Sent by Licenciado Diego de Torres Vargas, Canónigo de la Santa Iglesia de esta Isla en el aviso que llegó a España en abril 23 de 1647" in Alejandro Tapia y Rivera (ed.), *Biblioteca histórica de Puerto Rico, que contiene varios documentos de los siglos XV, XVII y XVIII*. 2da ed. San Juan: Instituto de Literatura Puertorriqueña, 1945, pp. 457-503.

Escambrón beach and the Salemas pass because it allowed the entry of small boats to the cove of El Condado. [8] Although its location is uncertain, a quarry was created around El Escambrón for the fortification's renovations.[9]

The Spanish Army maintained control of the entire coastal strip until the end of its rule in 1898. As noted above, all that remained in the parable of the firing of the batteries was kept clear of civilian activity. [10] In fact, according to historian José E. Marull, the first line of defense was reformed just before the Spanish-American War of 1898. Although the rule of not urbanizing the area of Puerta de Tierra had been relaxed since 1714, the new houses were erected almost all south of the road that led to the only bridge between San Juan and Santurce, today Juan Ponce de León Avenue, and in the surroundings of the mangroves that bordered the San Antonio channel.[11] In short, until the end of the nineteenth century and even after the Spanish-American War, the Escambrón area was depopulated of civilians, and military plans and the presence of auxiliary fortifications shaped its space.

It should be clarified that none of the defenses, as seen from the maps studied, were in the baseball park area where the new skate park project is proposed to be built. Only the Fortín del Escambrón and the Polvorín de San Jerónimo in the Luis Muñoz Rivera Park are partially visible from it. The Fort of San Jerónimo and some of the few remnants of the San Ramón battery, parapets, and Spaniard's guard corps are scattered in the gardens of the El Caribe Hilton district and out of the viewshed. In other words, only two Spanish fortification works are partially visible from the APE, while the other remnants are hidden, were demolished, or buried under new constructions.

Almost all existing maps of the area documenting the geography and buildings between the 18th and early 20th centuries and early aerial photos suggest that APE only recorded civilian uses after 1910. For example, Thomas O'Daly's 1772 map of the reform of fortifications clearly identifies the site as a "swamp" (Figure 2).

[8] Véase José Marull, *Protegiendo la Capital: Desarrollo Histórico de las Obras Defensivas en Puerta de Tierra*. San Juan: OECH, 2019.
[9] "Informe de la Real Fortaleza, habitación del Gobernador y Capitán General, preparado por Bartolomé Tammi, arquitecto de las reales obras y Josef González, maestro de carpintería, por orden del Coronel e Ingeniero "en segundo" Juan Francisco Mestre". 10 de abril del 1783. Documentos del Archivo General de Indias en el Centro de Investigaciones Históricas de la UPR, legajo 2303, carrete 61. In this document it is highlighted that a quarry was opened near the beach in El Escambrón. It was not possible to find its exact location within the documents.
[10] Sepúlveda, *San Juan: Historia ilustrada*, p. 93.
[11] Hostos, *Historia de San Juan*, p. 82.

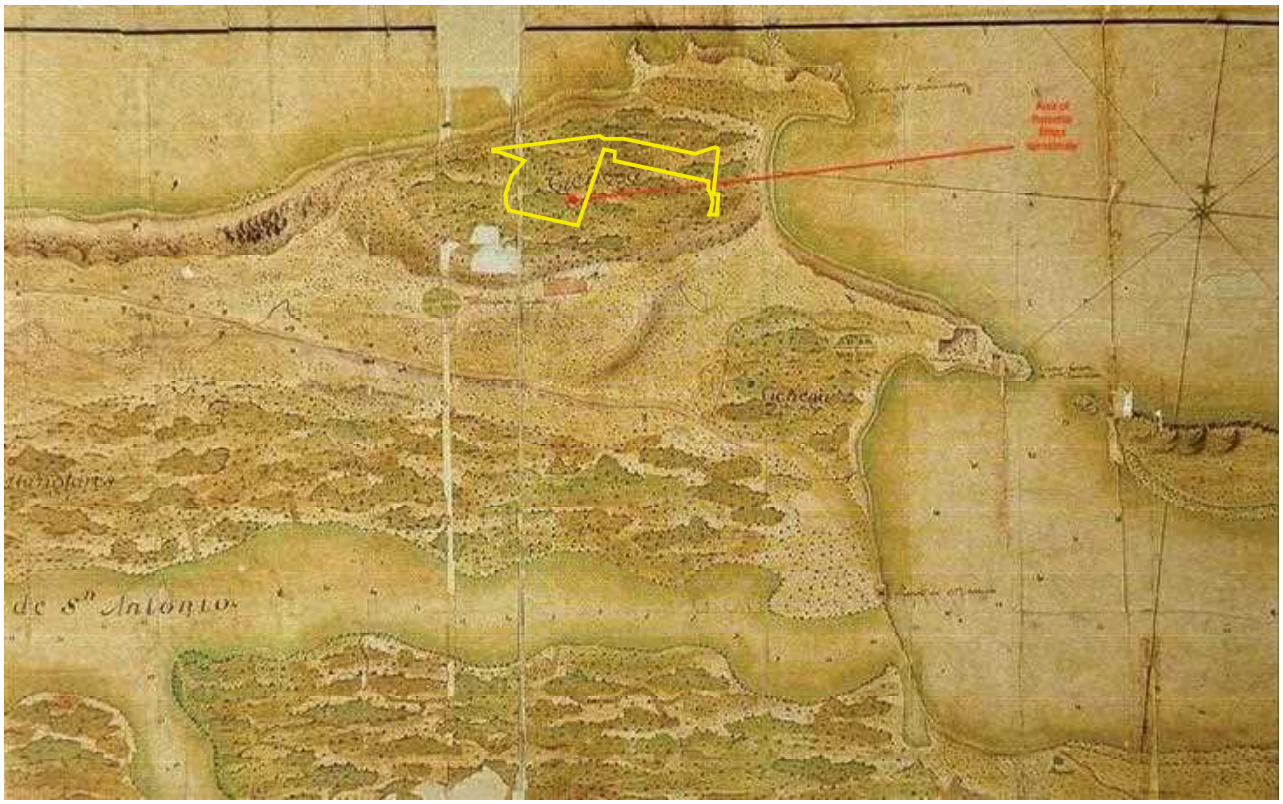


Figure 2. Thomás O´Daly, "Plano de la Plaza de San Juan, que incluye hasta el Escambrón", 1772 (Retrieved from Aníbal Sepúlveda Rivera, *San Juan: Historia ilustrada de su desarrollo urbano*, p. 145). Detail.

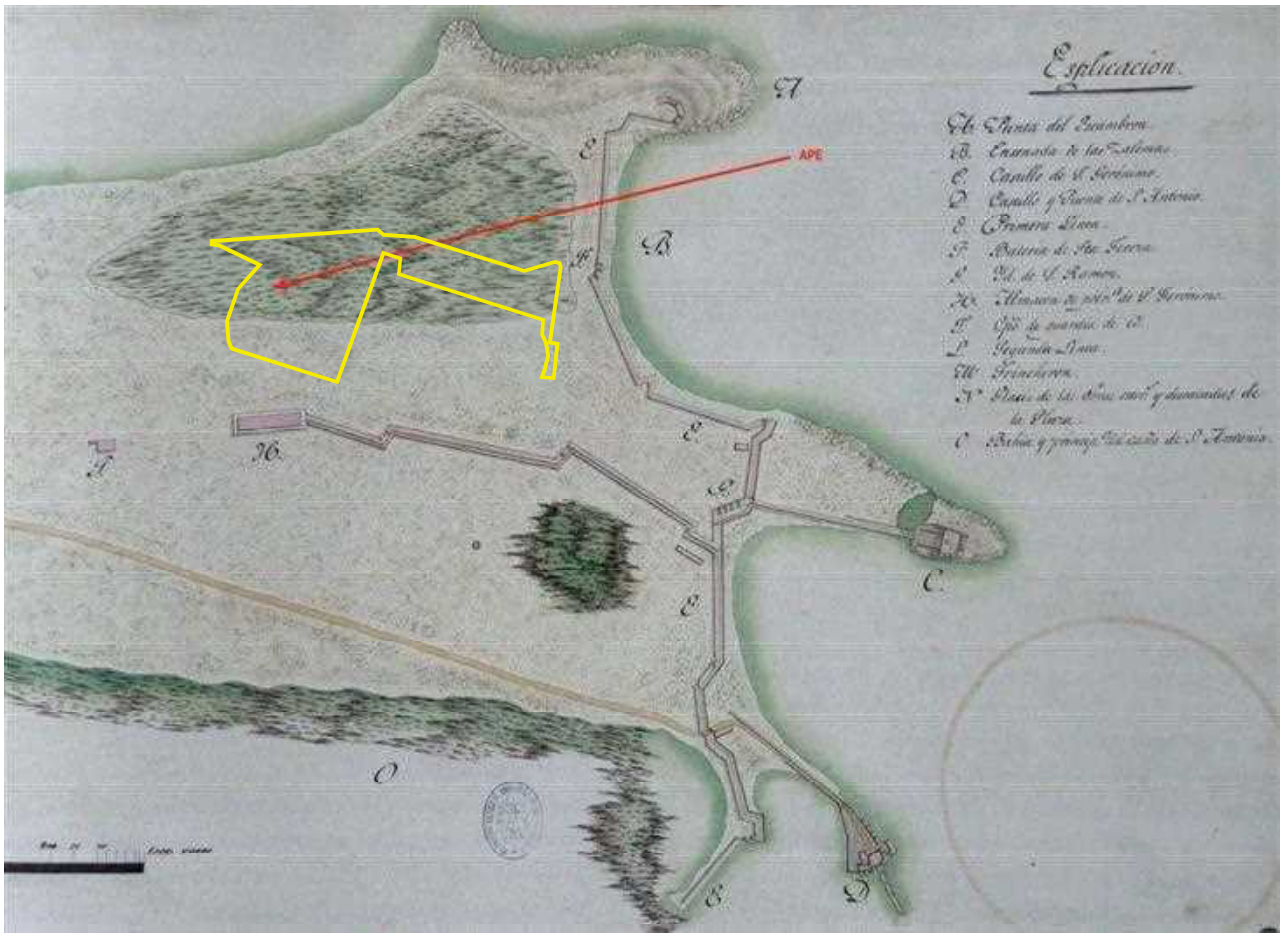


Figure 3. "Plano comprendido entre el glacis de Puerta de Tierra y obras exteriores", 1833, (Retrieved from José Marull, *Protegiendo la Capital*, p. 69). Detail.

In the same way, the "Plan between the glacis of Puerta de Tierra and exterior works, the north coast, Bridge and Caño de San Antonio in the Plaza de San Juan", drawn up in 1833 by the engineer Manuel Sicardó, reiterates that the area behind the parapets of the first line of defense and south of the central road was equally swampy (Figure 3).

Per a ground and figure plan for the entire islet prepared by the Bureau of Public Works of San Juan in 1909 the *Polvorín de San Jerónimo*, the parapets north of Ponce de León Avenue, all elements that made up the first line of defense on the east coast of the Isleta, seem to be still intact. However, the plan reiterates that the APE was occupied by mangrove shrubs or vegetation typical of coastal swamps, with few differences from the Spanish ones. Likewise, a second map drawn up this year to establish the limits of the private, public, municipal, and federal land in the entire Isleta de San Juan classifies the space as a military reserve and once again underlines the existence of the swamp on or near the proposed footprint of the APE (Figures 4 and 5).

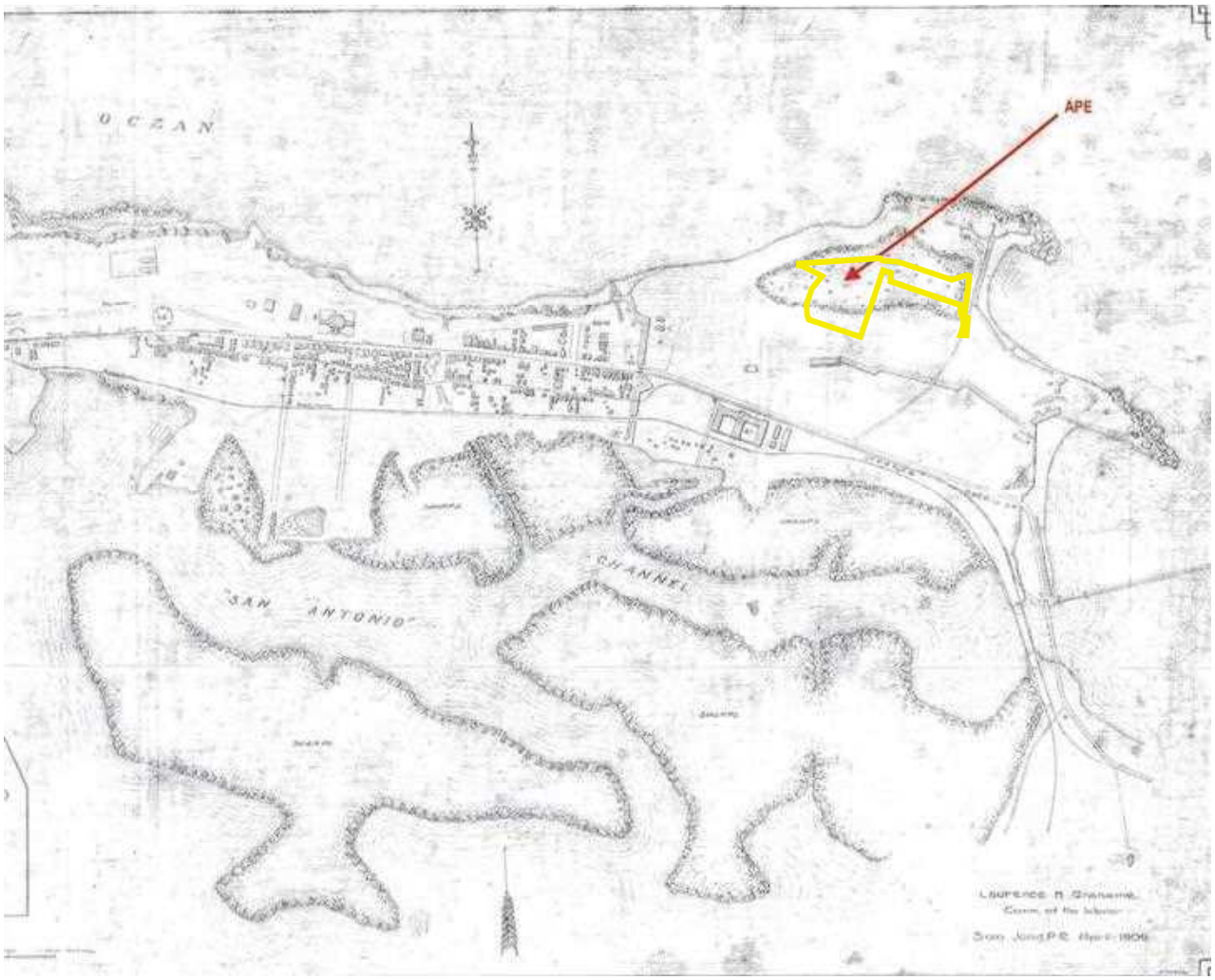


Figure 4. Bureau of Public Works, "Plan of San Juan Island which is part of San Juan, The Capital of Puerto Rico, 1909" (Source: Maps and Plans Collection of the Archivo de Arquitectura y Construcción de la Universidad de Puerto Rico. MaH 0007-M0001). Detail.

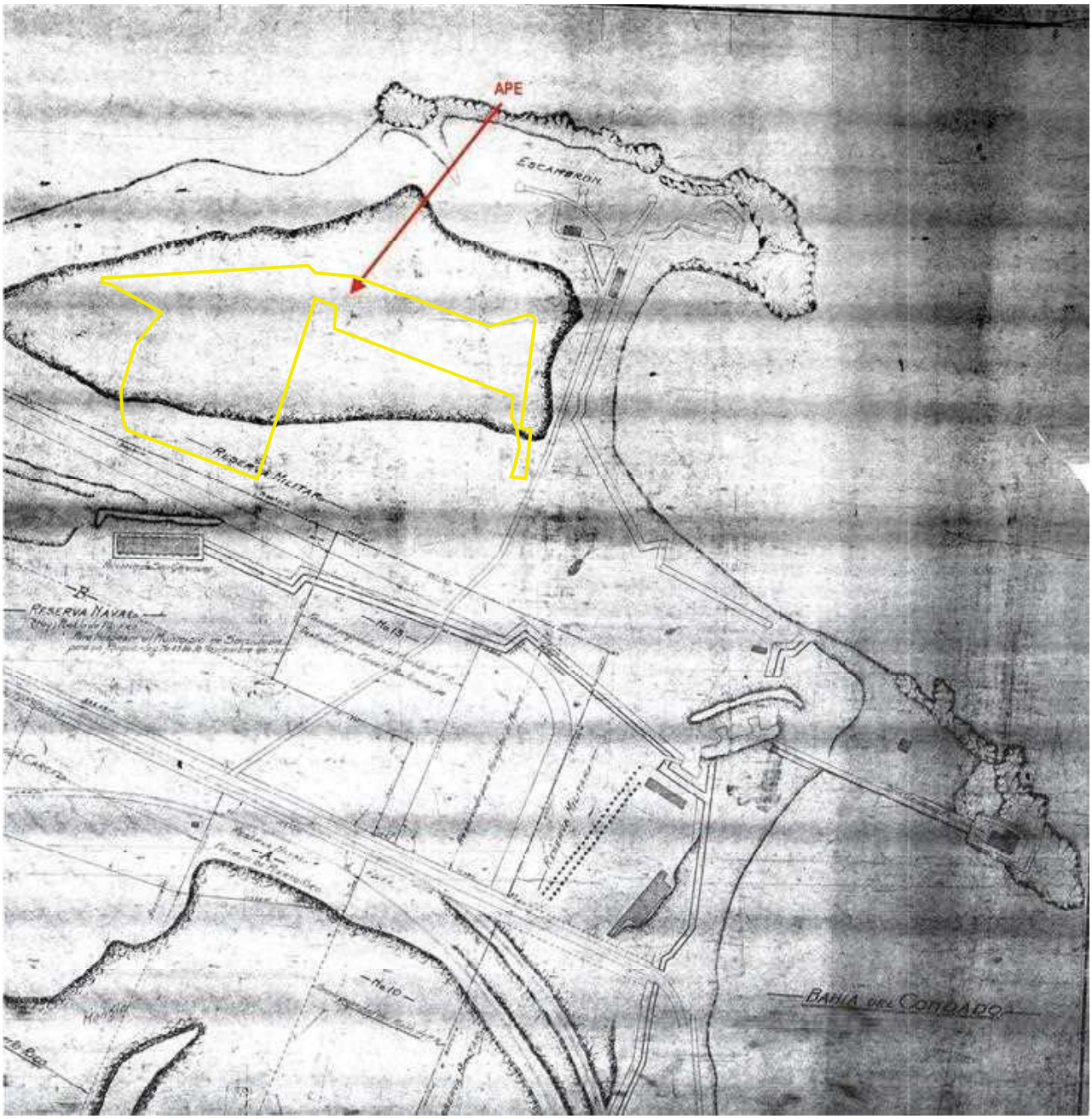


Figure 5. Department of the Interior, "Plano demostrativo de los terrenos federales, insulares, y de propiedad particular en los barrios de la Carbonera y de Puerta de Tierra, San Juan, PR", 1909 (Source: Maps and Plan Collection of the Archivo de Arquitectura y Construcción de la Universidad de Puerto Rico. MaH 0008-M00011). Detail.

From the 1920s onwards, the planning, the distribution of plots, and the urbanization of the reserved lands between the castle of San Cristóbal and the Puente de San Antonio began to take a more concrete form. Although the Escambrón area was still under the jurisdiction of the Navy until the late 1920s, population growth boosted its use since then, mainly for recreational purposes. At first, the activities took place informally, but then activities and structures overlapped, consolidating the role of this space as a recreational space until the present. That explains why the Puerta de Tierra Historic District nomination report designates the area as a recreation sub-district.

In an aerial photo taken from the southwest of the Isleta in 1923, the area certainly looks like an open empty field, but within a close look there already seem to be activities in the area that was formerly known as the Salemas channel and cove and that will eventually become the Escambrón Beach. There were military and sports shooting ranges in its surroundings, according to the newspapers of the time, school tours, swimming competitions, and baseball games, among others, were held.[12] In the same image, roads are visible, and a "landing field" is identified with an X. Before the construction of an airport in the Isla Grande (an islet within the bay that was fused by filling mangroves to the coast of Santurce), the Escambrón fields were used to land small planes (Figure 6). The swamp identified in the previous maps seems to have already been filled in this image. In its place, something similar to a primitive aerodrome is visible, the stands of what was once a racetrack, which was also used for fairs and even a dog track. Also visible in this important image is a wide swath of sand in the north, the naval radio station, and elements of the first line of defense.

[12] "Concurso de Tiro al Blanco", *El Mundo*, May 27, 1919, retrieved from El Mundo Digital Archive, https://gpa.eastview.com/crl/elmundo.

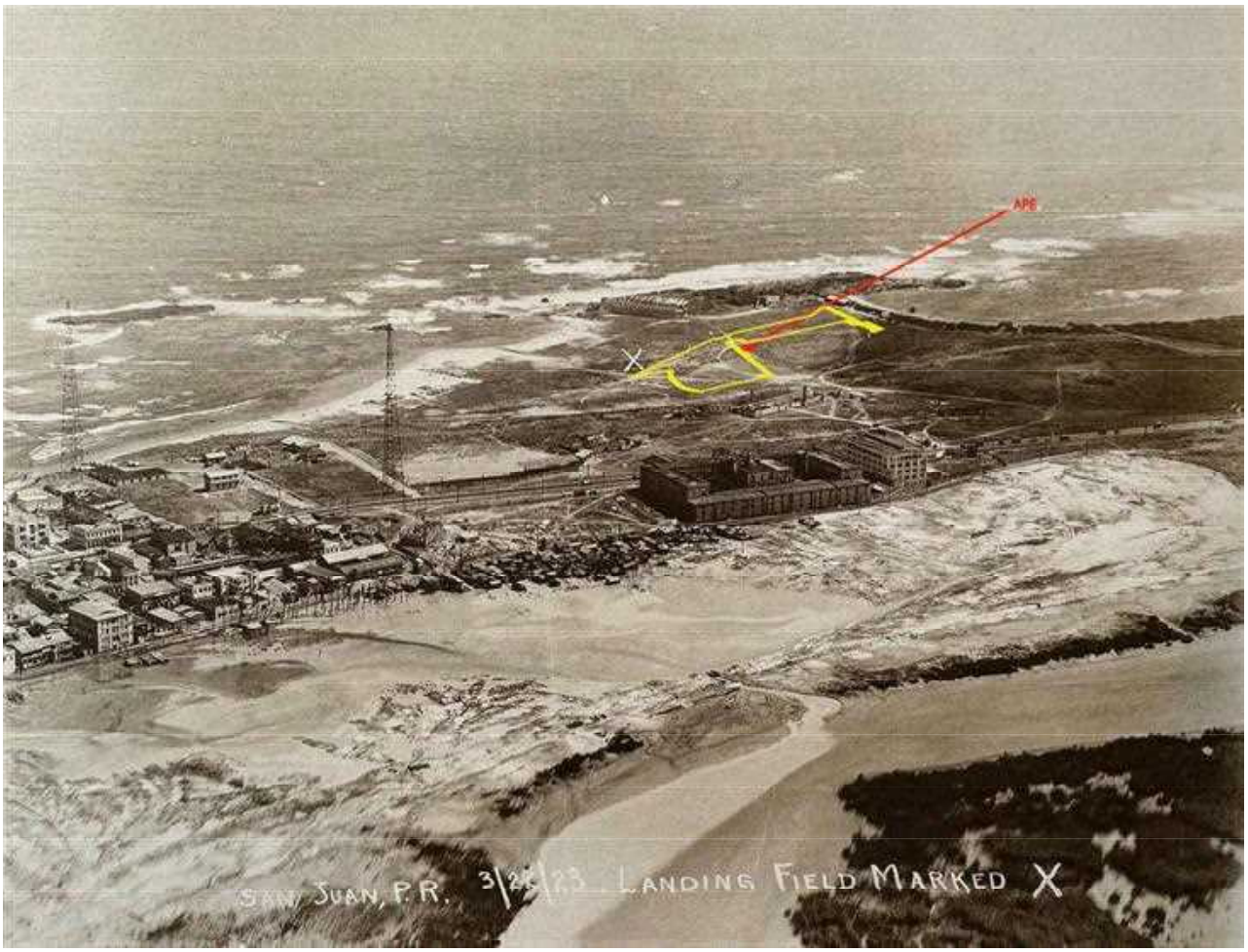


Figure 6. "Aerial image from March 22, 1923". From Archivo General de Puerto Rico y Archivo Nacional Digital Nacional" (Retrieved from José Marull, *Protegiendo la capital*, p. 109).

The same year that the photo of 1923 was taken, Governor Horace Mann Towner was appointed and governed the island until 1929. Towner emphasized developing or completing hundreds of public works during an economic boom. Among other efforts, in 1924, the governor hired the American architectural firm Bennett, Parsons, and Frost to create some of the most emblematic public space projects of the first half of the twentieth century (Figure 7). In the hands of this firm of architects and urban planners from Chicago were the master plans of the gardens of the Capitol District, the Campus of the University of Puerto Rico, the State Penitentiary, and most importantly, the design of the Muñoz Rivera Park. The firm, particularly Edward H. Bennett, was enthusiastic about the City Beautiful movement, which emerged in Chicago after the 1893 Columbian Exposition, and shared the same values as the designers of the exhibition, known as the White City. The movement's ideals were based on the belief that beautifying American capitals was essential to promote the highest civic values.[13] Hence, the designs of public spaces were not conceived as isolated or punctual elements.

In their proposals for the Puerta de Tierra neighborhood, the architects unified the spaces of the Capitol Gardens. They also proposed transforming Constitución Avenue into an elegant boulevard with wide sidewalks extending to Luis Muñoz Rivera Park, whose design is also their creation. A second boulevard was proposed on the north side of the Isleta, running between El Escambrón and the park and extending along the coast to the Plaza de Colón in Old San Juan. The construction of this avenue that led to San Francisco Street and into the heart of the Spanish colonial grid can already be seen in the aerial photo of 1931 and the advanced works of the Luis Muñoz Rivera Park. The diamond of a baseball park is as visible as the stands. Nevertheless, the APE in this photo only shows some sandy paths (Figure 8).

[13] See Andrés Mignucci, *Contextos. El parque Muñoz Rivera y el Tribunal Supremo de Puerto Rico*. San Juan: La Rama Judicial, 2012, pp. 66-67.

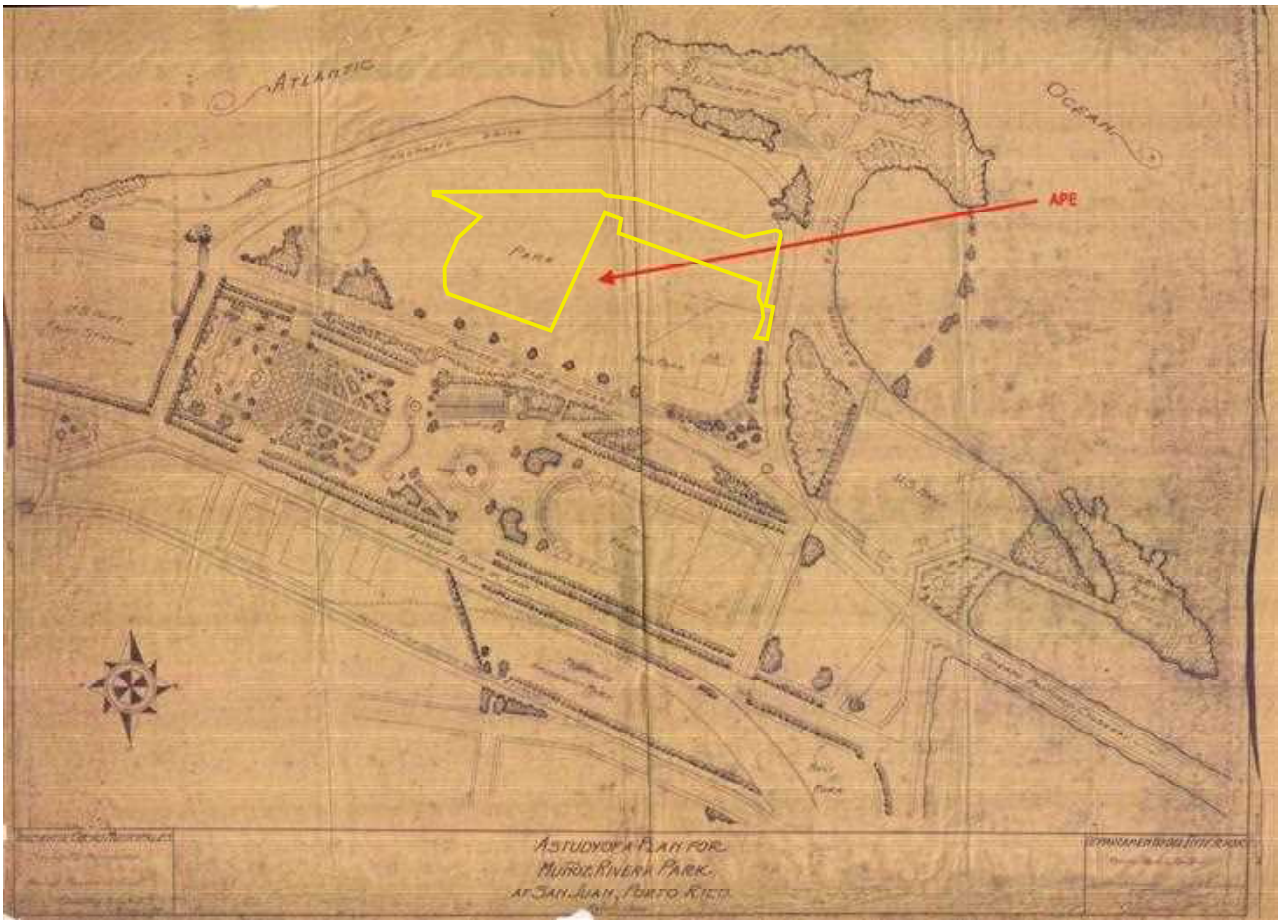


Figure 7. Bennet, Parson, and Frost, "A study plan of Muñoz Rivera Park at San Juan Puerto Rico, 1925. (Retrieved from Archivo Nacional Digital, https://archivonacional.com/?t=16LiFhzCP&s=Puerta%20de%20Tierra).

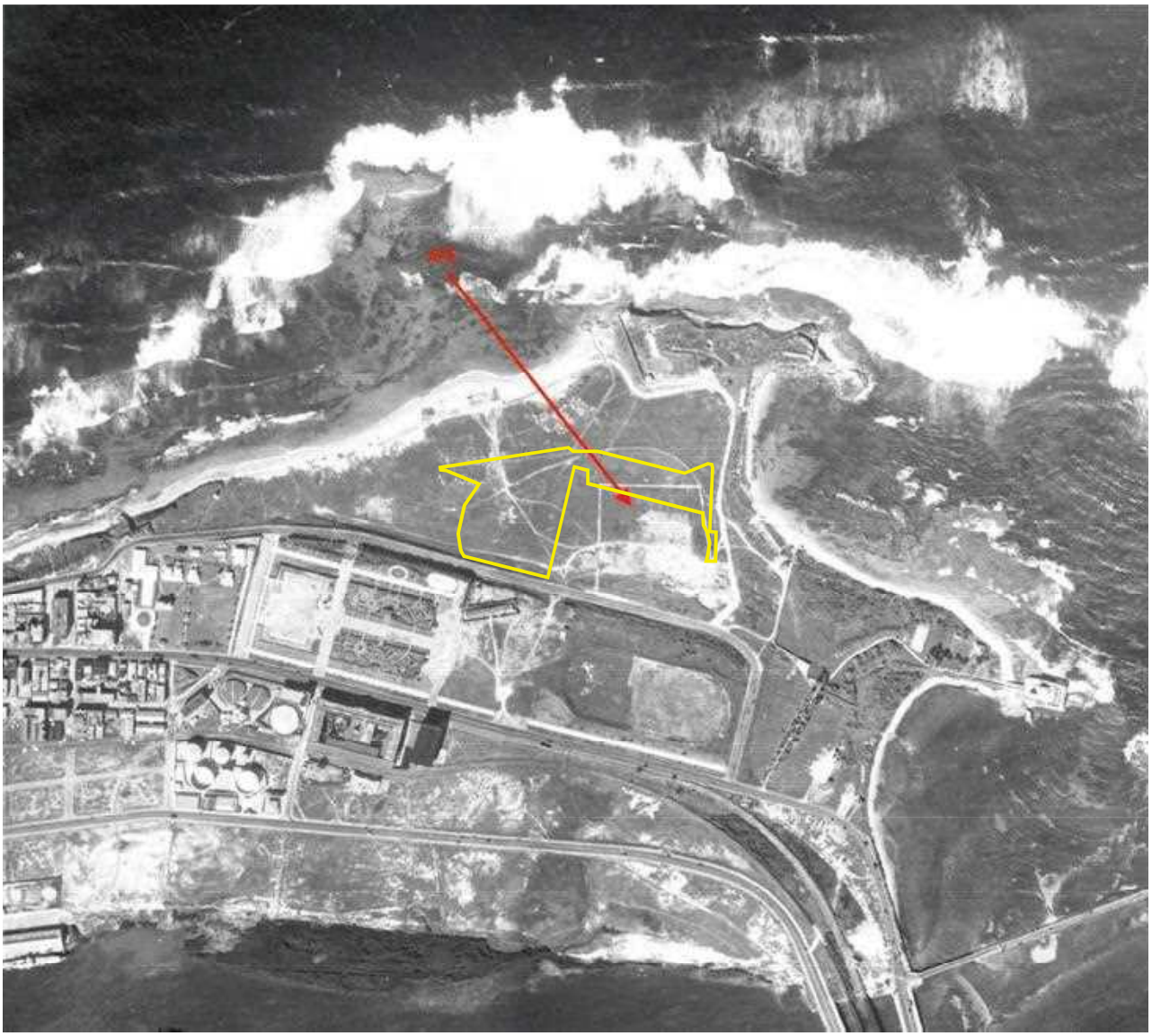


Figure 8. Aerial Photograph of San Juan and Puerta de Tierra Historic District, 1931 (Source: Office of Photogrammetry, DTOP).

As seen in the previous figure, the site of El Escambrón lacks any buildings in 1931 apart from those belonging to the old first line of defense and the baseball park. The street bordering the beach and reaching the baseball park entrance is remarkable and possibly related to the projected Escambrón Beach Club. The photo shows land being cleared up to become a park because the design of Bennett, Parsons, and Frost considered the area ideal to complement Muñoz Rivera Park.

In other words, the site would serve as an extension of the park's amenities extending to the sea, but where sports use would dominate. In fact, the design already included the baseball park right where the one that was the headquarters of the "Cataño Stars" team was built in 1929 and that would later be transformed into the Sixto Escobar stadium. [14] To the west of the baseball park, the firm proposed a green open space for various uses, a third boulevard bordering the beach, and an entrance flanked by a fountain and other gardens. Likewise, they contemplated the construction of a beach club to the east of the promontory where the Punta del Escambrón Battery was located and constructing a breakwater on the beach of the Salemas channel to protect it from the waves.

[14] Gerrish Jr., "Al margen de los deportes. Sobre el parque atlético El "Cataño Stars", *El Mundo Digital Archive*, Nov 30 1929. P. 9. https://gpa.eastview.com/crl/elmundo.

Some influential citizens proposed to Governor Towner that the landing field should be maintained after Charles Lindbergh visited the Island in February 1928, landing here with his Spirit of St. Louis plane. According to aviation enthusiasts, that would be a better use than a park. Air activity had been going on there for some years before Lindbergh's visit. Towner fiercely opposed the idea and reaffirmed the extension of Luis Muñoz Rivera Park to the beach.[15] He assured that, ideally, this area should be used for sports, to enjoy the landscape and the sea, and the exercise of fishing. He was also interested in encouraging the greater arrival of tourists to foster the economy, considering this landscape ideal. In this way, the area was committed to recreational, and tourism uses, with the only interruption being its military use in the face of the threat of German U-Boats during World War II.

The U.S. governors who followed Towner maintained the area's recreational, sports, and tourist development as their objective—both Robert Hayes Gore, and his successor, Blanton Winship. The baseball stadium was completed during the governorship of Robert Hayes. The much-celebrated Escambrón Beach Club (1932) and a small inn west of the Escambrón Battery were developed with the favor of Blanton Winship. Thanks to Winship, the engineer and contractor Felix Benítez Rexach, creator of El Escambrón Beach Club, managed to acquire a triangular plot owned by the NAVY to the east of the ballpark to build the Normandie Hotel there, which was inaugurated in 1939. A soccer park was added to the new attractions, and the sandy space used as a shooting range for a time and now occupied by the baseball park where the project will be carried out was fenced for unknown reasons with wood-like barriers and trees (Figure 9). In that sense, the aerial photo that Governor Winship's director of public relations, Steve Hannagan, took of the Escambrón reveals how Governor Towner's idea that the Escambrón would become a "natural extension" of the Luis Muñoz Rivera Park, inaugurated in 1932, had taken hold in a short time and for posterity.

[15] Editorial, "El gobernador Horace Towner denegó la petición de un permiso para establecer un parque aéreo en el lugar del Escambrón", viernes 18 de mayo de 1928, P. 1. El Mundo Digital Archive, https://gpa.eastview.com/crl/elmundo.



Figure 9. 1937 aerial photo of El Escambrón Beach Club by Steve Hannagan for the News Bureau of Puerto Rico. (Source: National Archives at College Park, Still Images Collection).

The fact that the Escambrón resumed its recreational uses immediately after the war can also be seen in the aerial photo taken by Charlie Rotkin for the Governor's Information Office in 1948. Rotkin, a photographer who specialized in aerial photography during World War II, was tasked with documenting the lands that the ARMY or NAVY used during the war effort. In 1946-47, these lands were returned to the people of Puerto Rico. His photo of the Escambrón shows the baseball park, the facilities of the Beach Club, including the small inn to the west of the Battery of the Punta del Escambrón, a soccer field, the strip of sand that would later be part of a public bathing beach, the breakwater and the boardwalk in front of the beach club. The Normandie Hotel was already completed, and to the east of it, the land and construction process of the Caribe Hilton Hotel, which was inaugurated in 1949, stands out (Figure 10). In this image, the APE already seems to be a second baseball park, while an Olympic field track was added to the Sixto Escobar Stadium space.

Between 1948 and 1962, the facilities and gardens of the Caribe Hilton Hotel were completed and expanded, a project promoted and financed by the Puerto Rico Industrial Development Company, and a second breakwater was completed to prevent erosion and protect bathers from the exclusive and modern lodging. In the 1962 USGS aerial photo (Figure 11), the intense tourist development east of the Sixto Escobar Stadium is evident. With it, the disappearance of many of the fortification that previously formed the first line of defense, except some parapets on the coast, the Punta del Escambrón battery, and the Fort of San Jerónimo. Some elements of the San Ramón battery were integrated into the gardens of the Caribe Hilton Hotel.

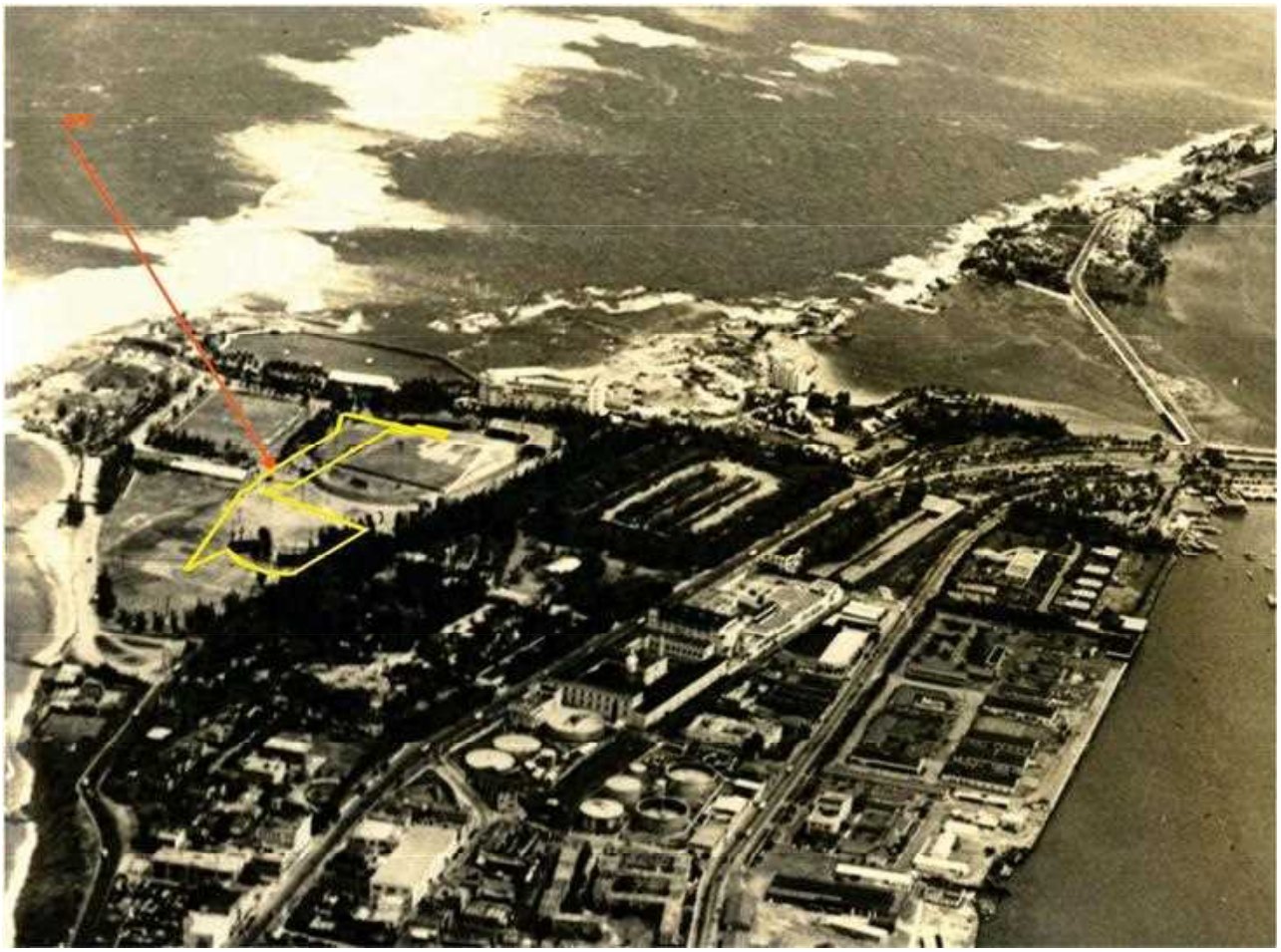


Figure 10. Charlie Rotkin, 1948. Aerial Photo of San Juan, for the Information Service Office of the Governor (Source: Rotkin Photograph Collection, Fundación Luis Muñoz Marín Archives). Detail.

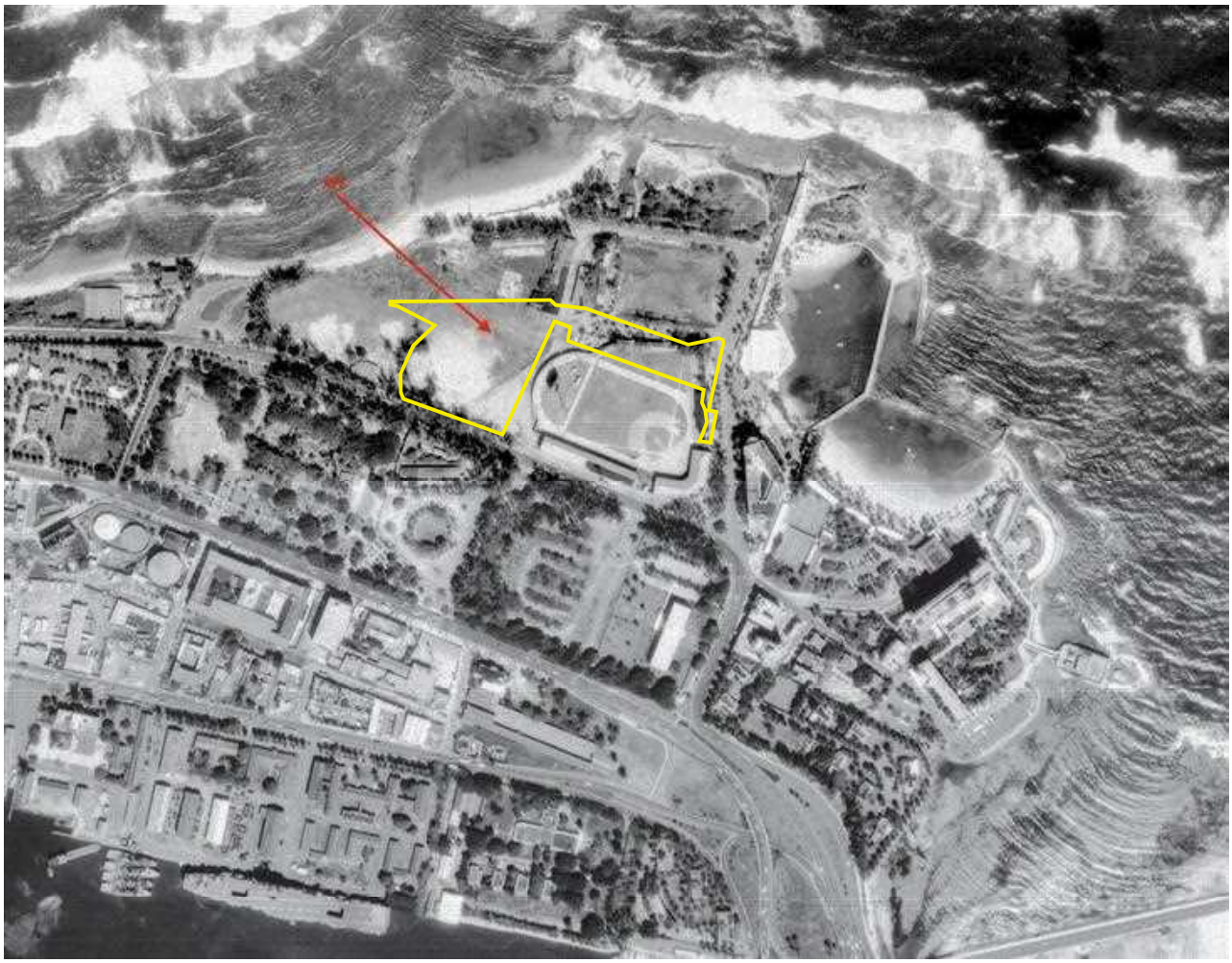


Figure 11. 1962 aerial photo of El Escambrón district (Source: USGS Earth Explorer, https://earthexplorer.usgs.gov/).

However, between 1963 and 1967, the property changes were radical. Puerto Rico won the seat of the 1966 Central American Games, and to improve its sports facilities, the Sixto Escobar stadium gained stands to the north, and its space was transformed into an Olympic stadium. Those stands, which have already been demolished, are part of the space on which the proposed Skate Park will extend. In 1963, the government expropriated Benítez Rexach's Beach Club and the small inn to the east of the Punta del Escambrón battery to create public beach installations and build a sports complex including a set of Olympic swimming pools and their stands[16] (Figure 12). With this construction, the soccer park was cleared to build a parking area and gardens between Sixto Escobar's field track and the swimming pool. A parking lot was created on the empty land west of the running track and the baseball park, which is part of the APE.

Other significant events held here were the 1979 Pan American Games swimming competitions, which were celebrated in the Olympic pool, as well as some track and field competitions in the Stadium. The complex was closed for decades due to a lack of maintenance, and erosion has severely deteriorated its facilities to such a point that renovation is not feasible. The natatorium was demolished in 1997, and the space that was occupied by the pool was landfilled for developing the Parque del Tercer Milenio project, one of the many public projects envisioned by Governor Pedro Roselló in the late 1990s. The pool and its former parking spaces were transformed into an open green field, resembling in some way the ideas proposed by Bennet, Parson, and Frost in the 1920s. The parking area behind the baseball park was paved with asphalt, and a reformed Bulevar runs along the west of the park, ending in a roundabout. Other amenities, such as a curved modern building with terraces facing the beach, public baths, restaurants, and kiosks, were added. They have been likewise neglected and are not in use in the present (Figure 13). The Area of Potential Effect has been subject to intense ground-disturbing activities over centuries, from building material extraction to demolition and monumental landfills.

[16] Bienvenido Ortiz, "Escambrón Beach Club será cerrado el 15 de septiembre", *El Mundo*, 4 de septiembre de 1963, p. 30. Retrieved from El Mundo Digital Archive; Bienvenido Ortiz, Aprueban en zona de Escambrón Piscina Olímpica, una sala de convenciones y balneario público", *El Mundo*, 1 de noviembre de 1963, p. 24.

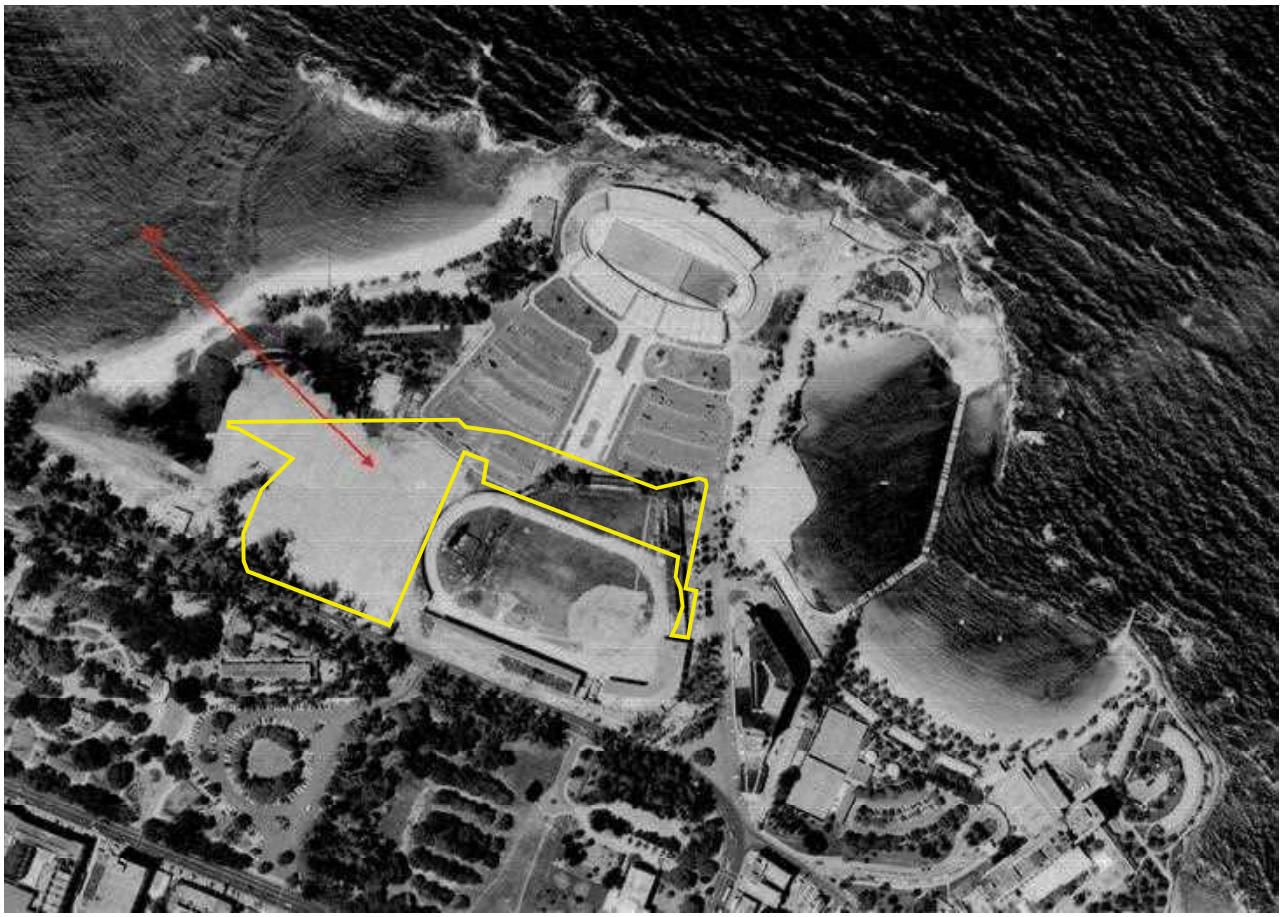


Figure 12. 1967 aerial photo of El Escambrón district (Source: USGS Earth Explorer, https://earthexplorer.usgs.gov/).



Figure 13. 2003 aerial photo of El Escambrón district (Source: USGS Earth Explorer, https://earthexplorer.usgs.gov/).

Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area has been extensively researched. From 1990, nineteen archaeological investigations were identified in the archives, of which 84 % (16 investigations) had positive results of cultural resources (See table 1). During the archives consultation it was not possible to identify any archaeological studies within the APE. In addition, the archaeological site files at the Puerto Rico State Historic Preservation Office (PR-SHPO) and at the *Programa de Arqueología y Etnohistoria* of the *Instituto de Cultura Puertorriqueña* (ICP) do not report any pre-Columbian archaeological sites within the project area.

A hundred archaeological sites were reported in the municipality of San Juan. Of which nine are associated with pre-Columbian cultures[17]. Of these nine archaeological sites, two of them are recognized on the San Juan islet as mentioned in the historical context part. One of the closest pre-Columbian sites to our study area is called *Los Dominicos* (OECH/ICP Nomenclature: SJ0100001/SJ-1), located under the *Los Dominicos* convent, extending 20 m north of this property and south under the *San José Plaza* (located 1.63 miles west of APE). This residuary was defined within the *Agro-Alfarero II* period (ca. 250AC-600AD). Ricardo Alegría excavated it in 1968 and 1980. Another site of great relevance is in the eastern sector of the islet, denominated as Paseo Muñoz Rivera; Puerta de Tierra; San Juan # 1 (Rouse); San Juan 2. It is located in the Puerto Rico National Guard building in Puerta de Tierra (located 0.72 miles west of APE). It extends to the Capitol to the west; to the south, it borders Ave. Ponce de León and to the north, it extends under Muñoz Rivera Ave. to the cliff where the Paseo de Puerta de Tierra is currently located (Nomenclature in the OECH/ICP agencies: SJ0100002/ SJ-2). Cataloged as multi-component, it covers the *Agro-Alfarero* I and II periods (ca. 250AC-1200AD,) and the historical period between the XVIII and XIX centuries. Adolfo de Hostos identified it in the '30s, and it was initially excavated in 1936 by American archaeologist Irving Rouse[18]. Rouse associated the archaeological artifacts with the Cuevas and Ostiones styles.

[17] Information obtained from the Puerto Rico State Historic Preservation Office.
[18] Information obtained from the Puerto Rico State Historic Preservation Office and the *Programa* de *Arqueología y Etnohistoria del Instituto de Cultura Puertorriqueña.*

Most of the evaluations near the site presented findings related to the island's historical period. Some of the evidence consisted of military structures, historical infrastructure, brick, mortar Portland cement structures, and archaeological artifacts of ceramics, glass, metals, and fauna remains amount others. The nearest APE positive investigations that involved excavations were:

- Phase 1A-1B, Parque Luis Muñoz Rivera yield by Thomas Addyman and Agamenón Gus Pantel, 1992 (0.016 miles Southwest): *Parque Luis Muñoz Rivera* was listed on the National Register of Historic Places.
- Phase II, Escambrón Battery-Third Millenium Park by Jesús Vega, 1998 (0.182 miles northwest): A protection plan was recommended for the Escambrón Battery, part of the first advanced line (1797-1800).
- Archaeological Monitoring, El Reverdecimiento de San Juan, Fases 1C Y 2A, by Marisol Rodríguez Miranda, 2000 (0.149 miles southeast): Positive to the presence of cultural resources. Was recommended to incorporate the collected data into the general knowledge of the area.
- Phase 1A-1B, Archaeological Investigations at Stop 7 ½, by Suzanne Sanders and Sonja Ingram (Christopher Goodwin & Associates, Inc.), 2001: The presence of remnants of the walls of the second line of defense were identified. A historical *muladar* was identified that reflects activity between 1770 and 1890. The findings had enough integrity to suggest further research such as the development of the earthen gate area in the nineteenth century.
- Phase II, Nueva Biblioteca y Estacionamiento Tribunal Supremo Puerto, Trincheras Sobre Murallas by María A. Cashion Lugo, 2009 (0.141 miles southeast): The archaeologist recommended to protect and consolidate the wall.
- Archaeological Monitoring, Paseo Puerta De Tierra Fase II, by Sharon Meléndez Ortiz, 2016 (0.037 miles south): Phase II of the *Paseo de Puerta de Tierra* is in the area where the city's first defensive line, built between 1799 and 1850, was erected. Of the first defense line, the San Antonio Fort, the San Geronimo Fort, and some small segments of the city wall remain on the surface.

Based on the above, we concluded that the proposed project will be carried out in an area of great historical archaeological value. An important fact to note is that during the historical research no evidence of permanent construction was found in the project area. Figures 2 to 5, show that the area was defined on historical maps as a swamp until 1909. However, the proximity to the city's first line of defense (especially the northeast of the proposed project) and the investigation results supports its great relevance as a civil and military space. Graphic evidence shows that urban development in the area surrounding the project began to take shape in the 1930s and has undergone several changes up to the present day. The probability of finding archaeological remains from the early twentieth century is higher, primarily related to the study area's civil, sports, and recreational uses. As mentioned in the historical context, no evidence indicates the presence of military structures in the baseball park area. However, the absence of archaeological studies in the project area supports the need to monitor excavations to avoid adverse effects on this cultural context.

Table 1. Cultural Resource Studies Conducted Within Quarter-Mile Radius of Project Area

Author	Phase/Title	Year	SHPO/ICP Code	Results	Distance/ Direction
Marlene Ramos Vélez	Phase 1A Soterrado De Líneas Eléctricas Y Telefónicas De Puerta De Tierra	1990	SJ-A-90-03-04	Positive	0.245 miles South
Marlene Ramos Vélez	Phase 1A-1B Soterrado De Líneas Eléctricas Y Telefónicas	1991	SJ-A-91-04-01	Positive	0.245 miles South
Jesús Vega	Phase 1A-1B Nuevo Centro Playero El Escambrón	1992	07-30-92-02 SJ-A-92-04-03	Negative	0.026 miles Northeast
Thomas Addyman & Agamenón Gus Pantel	Phase 1A-1B Parque Luis Muñoz Rivera	1992	N/A	Positive	0.016 miles Southwest
Aramis Font Negrón	Phase 1A-1B Puerta De San Juan, Avenida Ponce De León	1996	02-23-95-05	Negative	0.198 miles Southwest
Jesús Vega	Phase II Escambrón Battery-Third Millenium Park	1998	05-14-98-10 SJ-A-98-10-01	Positive	0.182 miles Northeast
Jesús Vega	Phase 1A Renovación Caribe Hilton	1999	04-13-99-01 SJ-A-99-12-02	Positive	0.199 miles Northeast

Author	Phase/Title	Year	SHPO/ICP Code	Results	Distance/ Direction
Virginia Rivera	Phase 1A-1B Caribe Village	1999	04-13-99-01	Positive	0.216 Miles Southeast
Virginia Rivera	Phase II Caribe Village	2000	04-13-99-01	Positive	0.216 miles Southeast
Marisol Rodríguez Miranda	Archaeological Monitoring El Reverdecimiento De San Juan Fases 1C Y 2A	2000	SJ-A-00-20-03	Positive	0.149 miles Southeast
Suzanne Sanders & Sonja Ingram	Phase 1A-1B Archaeological Investigations at Stop 7 1/2	2001	07-17-98-04	Positive	0.165 miles West
María A. Cashion Lugo	Phase 1A Off Site Paseo Caribe, Mejoras A La Infraestructura De La Ponce De León	2005	SJ-A-05-21-03	Positive	0.249 miles Southeast
María A. Cashion Lugo	Phase 1A Off Site Paseo Caribe, Mejoras A La Infraestructura De La Ponce De León, Puerta De Tierra	2005	SJ-A-05-07-05	Positive	0.249 miles Southeast
Virginia Rivera	Phase 1A-1B Nueva Biblioteca Del Tribunal Supremo	2007	SJ-A-07-23-04	Negative	0.074 miles Southeast
María A. Cashion Lugo	Phase II Nueva Biblioteca Y Estacionamiento Tribunal Supremo Puerto, Trincheras Sobre Murallas	2009	SJ-A-09-26-04	Positive	0.141 miles Southeast
Sharon Meléndez Ortiz	Phase 1A Paseo Lineal De Puerta De Tierra	2013	SJ-A-13-29-05	Positive	0.188 miles East
Sharon Meléndez Ortiz	Monitoring Paseo Puerta De Tierra Fase II	2016	SJ-A-16-34-01	Positive	0.037 miles South
Sharon Meléndez Ortiz	Monitoring Paseo Puerta De Tierra Fase I, Calle Del Tren	2016	SJ-A-16-34-02	Positive	0.216 miles South
Jesús E. Vega	Phase II Abovedado De Ladrillos Frente Al Archivo General, Informe Especial #2 Puerta De Tierra	2016	SJ-A-16-34-04	Positive	0.167 miles Southwest

Identification of Historic Properties - Architecture

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61) shows that the project area is within the boundaries of the National Register of Historic Places (NRHP) listed Puerta de Tierra Historic District.

The Puerta de Tierra National Register of Historic Places Registration Form, prepared and approved in 2019 (RS100002936), highlights that the ensemble of Parque Muñoz Rivera, El Escambrón Public Beach, the Tercer Milenio Park, The Sixto Escobar Stadium, and the Caribe Hilton Hotel, is considered a recreational district in itself and within the designated historic district. Despite serving for centuries for the extraction of construction materials and as a critical place for defending the access to Santiago Gate on the west of the islet, the Registration Form states that "the Recreational District -formed by three blocks, eight parcels, four sites, two structures, and three objects - has served for almost five centuries as the playground of *sanjuaneros* allowing to luxuriate and experience the islet's uniquely beautiful tropical milieu." (NRHP Puerta de Tierra Registration Form, p. 30). Three of Puerto Ricans' most remembered and celebrated places in the modern leisure culture are The Escambrón Beach Club and Inn, the Normandie Hotel, and the Caribbean Hotel, all conceived and built between 1930 and 1950.

A. Eight (8 properties) NRHP listed are located within a 0.25-mile radius of the Area of Potential Effects. None are adjacent, but the following three are within the viewshed or indirect area potential effect:

- Batería del Escambrón, built circa the 18th century less than 0.15 miles northeast, belongs to the Línea Avanzada de Defensa or first line of the Islet defense. (18.467104821550095, -66.08654772875985) NRHP included in 9/25/1997.
- The Normandie Hotel, built in 1939, is located some 0.06 miles from the proposed east end of the proposed project. (18.464522653757687, -66.08737292297387) NRHP included in 8/29/1980.
- The Parque Luis Muñoz Rivera, built in 1932, extends through the south perimeter of the Parque del Tercer Milenio. It contains the San Jerónimo Powderhouse, which is part of the ensemble of the first line of defense of the San Juan walled city (Primera

Línea de Defensa). (18.464085039045365, -66.09058420439753) NRHP included in 11/14/2007.

B. The following five historic places listed in the NRHP are within the 0.25-mile radius of the Area of Potential Effect but outside of the viewshed or Indirect Area of Potential Effect.

- The Puerto Rico Supreme Court Building, built in 1956, is located to the south and within the grounds of the Parque Luis Muñoz Rivera). (18.463041729787484, -66.08829288305245) NRHP included in 6/14/2006.
- Archivo General y Biblioteca Nacional de Puerto Rico. The architect who designed the building is unknown. It was originally conceived as a hospital and finished in 1877. Ten years later, it was transformed into a jail, later rented to the American Tobacco Company, and finally acquired by the government (1960) for using its generous spaces as a National Archive and Library. (18.464085039045365, -66.09058420439753), 0.17 miles southeast.
- Templo del Maestro. Designed by prolific Joseph O'Kelly, it was finished in 1934 as the Puerto Rican Teachers Association headquarters. (AMPR). It served as an administrative building and also held significant events for this first organization of teachers. (18.464085039045365, -66.09058420439753), 0.15 miles northeast.
- Supreme Court building. Designed by the Firm Toro, Ferrer, and Torregrosa and inaugurated in 1956, it is a landmark and remarkable example of the International Style design principles applied in a tropical context. Located at the east end of Luis Muñoz Rivera Park, it was included in the NRHP in 2006. (Edificio De La Corte Suprema), 0.18 miles northwest.
- San Gerónimo del Boquerón Fort. It was built between the sixteenth century and renovated several times over the next two centuries. It is one of the most important defense enclaves of the First Line of Defense. Located on the east shore of San Juan Islet and was included in the NRHP in 1983. (18.462931597409156, -66.08431251121188), 0.25 miles east.

C. The following are contributing properties to the Puerta de Tierra Historic District, which are within a 0.25-mile radius from the APE but outside of the viewshed:

- U.S. Navy terrain is known as the U.S. Naval Radio Station and other supporting structures. These, specifically, adjoin the west side of the Parque del Tercer Milenio. These properties were built c. 1943 and are associated to the Second World war efforts registered in Puerto Rico. The supporting properties are now abandoned and

in precarious condition. The radio station headquarters are now used and known as Casa Cuna. (18.466133940420153, -66.09350286300584), 0.18 miles west.

- The Caribe Hilton Hotel and Gardens. Despite the lack of historical integrity due to several renovations, the building is another masterful example of local interpretation of the International Style or Modern Movement design principles. The free plan building facing a private beach, created exclusively for the hotel, was designed by the Firm Toro, Ferrer y Torregrosa. The gardens were conceived by celebrated landscape architect Hunter Randolph, a Texas-born designer. It was financed by the Puerto Rico Industrial Development Company as part of the government's economic diversification program and was inaugurated in 1949. (18.462931597409156, -66.08431251121188), 0.20 miles east.
- San Ramón Battery sentry box and remains. The battery remains are integrated into the Caribe Hilton Hotel gardens designed by Hunter Randolph. Formerly, it was a part of the defensive ensemble of the First Line of Defense of the Islet of San Juan, which was built in the eighteenth century. (18.463204127290883, -66.08665166198128) 0.23 miles east.
- The ruins of Isabel II Battery, in the Second Line of San Juan Islet Defense, were built between the late seventeenth and late eighteenth centuries and renovated in the late eighteenth century. They are located at 18.464530668120265, -66.09423215917884, 0.22 southwest.
- Parque Sixto Escobar. The Sixto Escobar was design by Rafael Carmoega Morales in 1932. The facilities were inaugurated in 1935. This sport building was the first and largest of its type until the 1960s. This building is an example of the Spanish Revival style. It is located at 18.464469, -66.088027, 0.14 miles southwest.

Table 2. NRHP-Listed/Eligible Historic Properties Within Quarter-Mile Radius of Project Area

Name	SHPO ID	ICP ID	Location	Description	NRHP
Luis Muñoz Rivera Park	SJ0200054	SJ-90	0.01 mi SW	Luis Muñoz Rivera Park was designed in the stylistic language of beaux-art by the prestigious Chicago firm Bennett Parson & Frost between 1924-1925. The 27 acres where the park is located were reserved since 1917 for that purpose. At that time, they were under the jurisdiction of the U.S. Navy. The military use of the Spanish colonial period, when it was between the first and second line of defense. The construction of the park begins by 1926, It implied the arrival in Puerto Rico of the architectural and social postulates of the City Beautiful Movement, of which the firm Bennett Parson & Frost was one of its greatest exponents. The architect Francisco Valines Cofresí, who served as administrator of the park until the 1940s, supervised the construction of it, inaugurated in 1932. This park is the oldest park in all of Puerto Rico.	Listed (07001195)
Hotel Normandie	SJ0200029	SJ-25	0.02 mi E	Located on Ponce de León Avenue and San Geronimo Street. Designed by architect Raúl Richard and built in	Listed (80004295)

Name	SHPO ID	ICP ID	Location	Description	NRHP
				1939 by Felix Benítez Rexach. An excellent example of the art deco style on the island. The structure was designed in the form of a boat, the means of transportation of pleasure par excellence at that time. The plan has a triangular shape with rounded vertices. It is composed of seven floors around an interior courtyard and a basement. On the first level there was a swimming pool, commercial areas, storage rooms, main lobby and a rear entrance. From the second to the fifth floor are the rooms with stairs and elevators on the NE and SE corners. On the sixth floor there is a ballroom known as the golden hall and a banquet hall known as the silver hall. Also, on this floor there is a dining room with kitchen and a large living room that was used as a casino. The seventh-floor houses spacious bedrooms, a kitchen and a dining room. In the basement are the mechanical rooms.	
Polvorín San Gerónimo (Línea Avanzada)	N/A	SJ-8C	0.02 mi SW	Located within the grounds of the Luis Muñoz Rivera Park, it forms part of the first line of defense and one of the four	Listed (97001136)

Name	SHPO ID	ICP ID	Location	Description	NRHP
				powderhouses[19] built by the Spanish in the 18th century. The rectangular brick and masonry building, measuring 199' long and 30'6" inches wide, is covered by a thick masonry gabled roof and bomb-proof walls. Designed by Irish engineer Commander Tomás O'Daly and built between 1769 and 1772 by the Spanish military engineer Juan Francisco Mestre. The outer perimeter is protected by high walls 13' high and 1'thick; two of its corners contain sentry boxes or observation posts. At the end of the Spanish-American War in 1898, the powderhouse controlled by the U.S. Army, and in 1912, it was transferred to the civil government. In 1935, it was used as a natural history museum, displaying collections of minerals, rocks, fossils, botany, and animal models. In 1945, its director, Miguel A. Barasorda, converted the exterior galleries into a zoo. Restored between 1992 and 1994 by the Puerto Rico National Parks Trust; the zoo cages were demolished, the windows in the exterior wall were sealed and the 1940	

[19] According to the National Register of Historic Places Registration Form, Puerta de Tierra Historic District, San Juan, Puerto Rico *¨Sited within the park is a Spanish military structure, an 18th century Polvorín (Powderhouse) de San Jerónimo¨.*

Name	SHPO ID	ICP ID	Location	Description	NRHP
				additions were removed.	
Batería del Escambrón (Línea Avanzada)	SJ0200020	SJ-8D	0.11 mi NE	Located at Punta Escambrón, on the coast of the islet of San Juan. The Escambron Battery is a permanent military installation of the late eighteenth century. The Punta del Escambron has been strategically located since the sixteenth century, recommending the construction of a battery since 1587. Previously the site was known as Playa del Cabrón The battery seen today was built between 1797 and 1899 as part of the forward line. It was built on an Eolianite ridge, which can still be seen to the east of the south wall. For the construction of the battery local sandstone, brick and mortar were used. The battery, affected by severe erosion, was meticulously reconstructed in the early 2000´s.	Listed (97001136)
Edificio de la Corte Suprema	SJ0200053	SJ-89	0.11 mi SW	It is located at the east end of Luis Muñoz Rivera Park, Puerta de Tierra. It is an extraordinary example of the modern movement and its application in the local tropical context. It was designed by the renowned firm *Toro Ferrer Arquitectos* for 1952 and became the first major built work of the Commonwealth of Puerto Rico. The design received	Listed (06000506)

Name	SHPO ID	ICP ID	Location	Description	NRHP
				high praise and awards by the guild. Opened in 1956.	
Ruinas de Batería de San Ramón (Línea Avanzada)	N/A	SJ-8G	0.14 mi SE	This battery was built in 1799. During the Spanish-American War he had 3 24-inches Howitzer Ordoñez, for additional power, 5 bronze cannons were rescued from the Antonio López wreck and located in the San Ramón battery directly behind the Escambrón. It survives its sentry box in the area of the gardens of access to the Caribe Hilton Hotel. The sentry box is square, measuring 2.8 meters high and 1.26 wide. It has three shooting windows. The west window is partially demolished with its loose bricks next to the sentry box. The gate faces north. It is in very deteriorated condition.	Contributing (97001136)
Archivo y Biblioteca Nacional; Cárcel de Puerta de Tierra; Hospital Civil; Fábrica de Cigarros y Cigarrillos La Colectiva	SJ0200011	SJ-47	0.14 mi SW	Located on Avenida Ponce de León, Stop 8 in Puerta de Tierra. The building that houses the Archive and the General Library of Puerto Rico was originally designed to house the civil hospital. In 1877, construction began and a year later it changed its use to a provincial prison. The structure maintained this use from 1887, when its construction was completed until the end of the Spanish-American War. After the war it was used, temporarily, as a	Listed (76002253)

Name	SHPO ID	ICP ID	Location	Description	NRHP
				hospital, for which purpose it had been designed. In 1905, then-Governor Todd, sold the building by public auction to Puerto Rican Tabacco & Co. turning it into a cigar factory. Years later, the building was purchased by Bacardi & Co. It used as main offices in Puerto Rico until 1960, when it was acquired by the ICP. Today it houses the Archive and General Library of Puerto Rico. In addition to the value acquired by the variety of historical uses of the structure, it has great importance for being the last structure built by the Spanish crown in its American colonies.	
Templo del Maestro	N/A	N/A	0.15 mi SW	Beaux Arts building designed by Joseph O'Kelly and inaugurated in 1937 in a public ceremony led by Puerto Rico governor Blanton C. Winship. Originally served as the seat of the Puerto Rico Teachers, Association for seven years, before it was transformed by the U.S. Army and Navy into a recreational and social facility for the nearby Naval Air Station of Isla Grande until the end of World War II. Facing Constitución Avenue and Luis Muñoz Rivera Park to the north.	Listed (16000189)
Caribe Hilton	N/A	N/A	0.18 mi SE	Despite the lack of	Contributing

Name	SHPO ID	ICP ID	Location	Description	NRHP
Hotel and Gardens (Puerta de Tierra Historic District)				historical integrity due to several renovations, the building is another masterful example of local interpretation of the International Style or Modern Movement design principles. The free plan building facing a private beach, created exclusively for the hotel, was designed by the Firm Toro, Ferrer y Torregrosa. The gardens were conceived by celebrated landscape architect Hunter Randolph, a Texas-born designer. It was financed by the Puerto Rico Industrial Development Company as part of the government's economic diversification program and was inaugurated in 1949.	(100002936)
Antigua Cárcel Municipal (Puerta de Tierra Historic District)	N/A	N/A	0.21 mi SW	Municipal jailhouse built in 1934 in the Art Deco style with funds allocated by the Public Works Administration, part of the New Deal established by President Franklin Delano Roosevelt (1882-1945) in 1933. Since 1996, the building houses the Women's Intermediate Home, managed by the Department of Corrections and Rehabilitation. In 2024, it became the new campus for the *Centro de Estudios Avanzados de Puerto Rico y el Caribe* (CEAPRC).	Contributing

Name	SHPO ID	ICP ID	Location	Description	NRHP
U.S. Navy Radio Station (Puerta de Tierra Historic District)	N/A	N/A	0.24 mi SW	U.S. Navy terrain known as the U.S. Naval Radio Station and other supporting structures, adjoined the west side of the Parque del Tercer Milenio, and built c. 1943. They are now abandoned and in precarious condition. The radio station headquarters are now used as *Casa Cuna*.	Contributing (100002936)
Ruinas del Bastión de Isabel II (Puerta de Tierra Historic District)	N/A	N/A	0.24 mi SW	Masonry ruins of the second line of defense built during the 18th century (finished in 1794), located to the intersection of Constitución Avenue and San Agustín Street. A portion of its wall on the beach was used as the exclusive U.S. Navy Officers' Club. The moat that existed in front of the structure on San Agustín Street was later filled in during the 1950s.	Contributing (100002936)
Parque Sixto Escobar (Puerta de Tierra Historic District)	N/A	N/A	0.14 mi SW	Design by Rafael Carmoega Morales in 1932, inaugurated in 1935, was the first and largest of its type until the 1960s. This building is an example of the Spanish Revival style.	Contributing

Determination

The following historic properties have been identified within the APE:

- Direct Effects:
  - Puerta de Tierra Recreacional District

- Indirect Effects:
  - Puerta de Tierra Historic District
  - Hotel Normandie
  - Supreme Court Building
  - Luis Muñoz Rivera Park
  - Línea Avanzada
  - Sixto Escobar Stadium

Based on our historic property identification efforts, the Program has determined that project actions will not affect the historic properties that compose the Area of Potential Effect. The project intends to revitalize the Tercer Milenio park grounds and its facilities for sports activities. The proposed rehabilitation complies with the Secretary of the Interior's Standards for the Treatment of Historic Properties. The design is compatible with the area's historic use, and any of the proposed architectural elements will affect the views of this historic landscape.

The two nearest historic listed in the NRHP built structures within less than one mile correspond to the *Línea Avanzada* and *Parque Luis Muñoz Rivera*. The nearest contributing property of the Puerta de Tierra Historic District is the Parque Sixto Escobar. The other properties are located more than one mile away. All these historic properties have physical barriers that separate them from the project site. The viewshed from the historic properties will not be affected by the project. Therefore, the proposed project's development will not directly or indirectly impact any documented historical built structure or known archaeological site. However, this project contemplates several profound excavations (30') that could affect the foundations of demolished structures related to nearby findings and or deposits of archaeological materials.

Recommendation *(Please keep on same page as SHPO Staff Section)*

The Puerto Rico Department of Housing requests that the Puerto Rico SHPO concur that the following determination is appropriate for the undertaking (Choose One):

☐ No Historic Properties Affected

☒ No Adverse Effect

Condition (if applicable): Archaeological monitoring of any ground-disturbing activities and excavations. A monitoring plan will be prepared and submitted to the PRSHPO for review and approval.

☐ Adverse Effect

Proposed Resolution (if appliable)

This Section is to be Completed by SHPO Staff Only
by SHPO Staff Only

The Puerto Rico State Historic Preservation Office has reviewed the above information and: ☐ **Concurs** with the information provided. ☐ **Does not concur** with the information provided.	
Comments:	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:

Figure 14. Project (Parcel) Location - Area of Potential Effect Map & Viewshed (Aerial)



Source: 2023 Satellite Image, Apple Maps
(https://www.apple.com/maps)

Figure 15. Project (Parcel) Location - Aerial Map



Source: Interactive Map of United States Environmental Protection Agency, NEPAssist (https://nepassisttool.epa.gov/nepassist/nepamap.aspx)

Figure 16. Project (Parcel) Location - USGS Topographic Map



Source: Interactive Map of United States Environmental Protection Agency, NEPAssist (https://nepassisttool.epa.gov/nepassist/nepamap.aspx)

Figure 17. Project (Parcel) Location - Soils Map



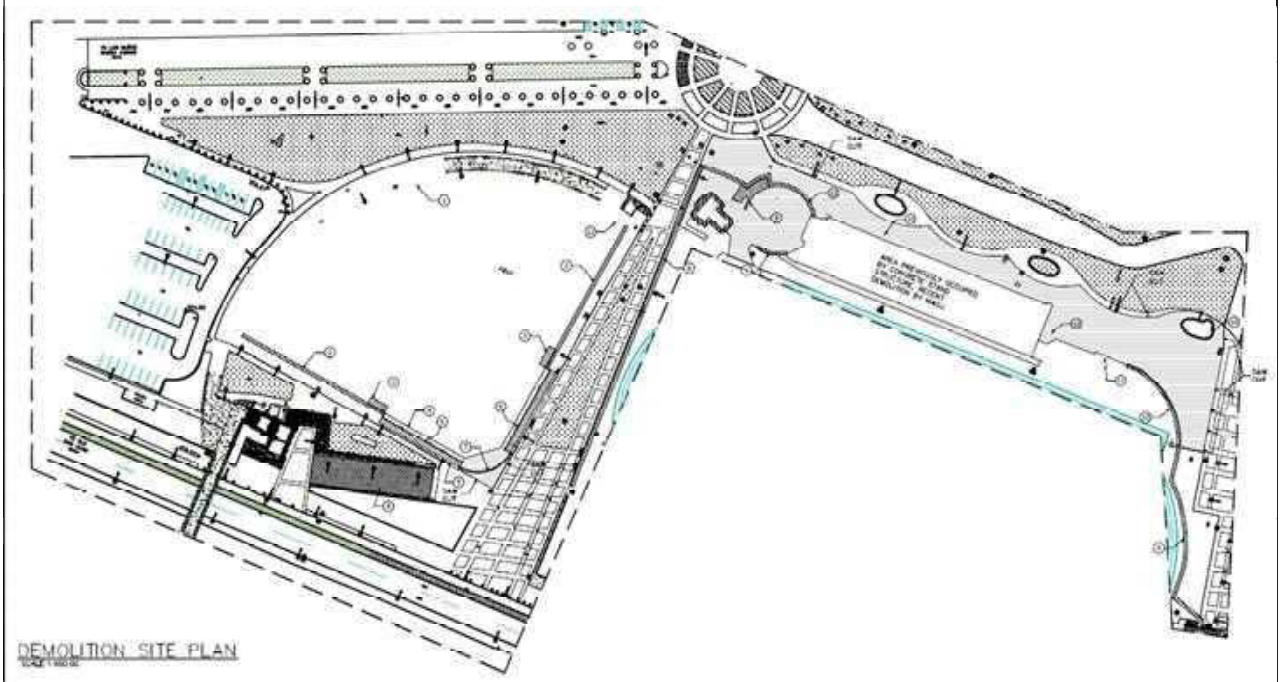
Source: Interactive Map of Puerto Rico Planning Board, MIPR (http://gis.jp.pr.gov/mipr/)

Figure 18. Project (Parcel) Location - Puerta de Tierra Historic District



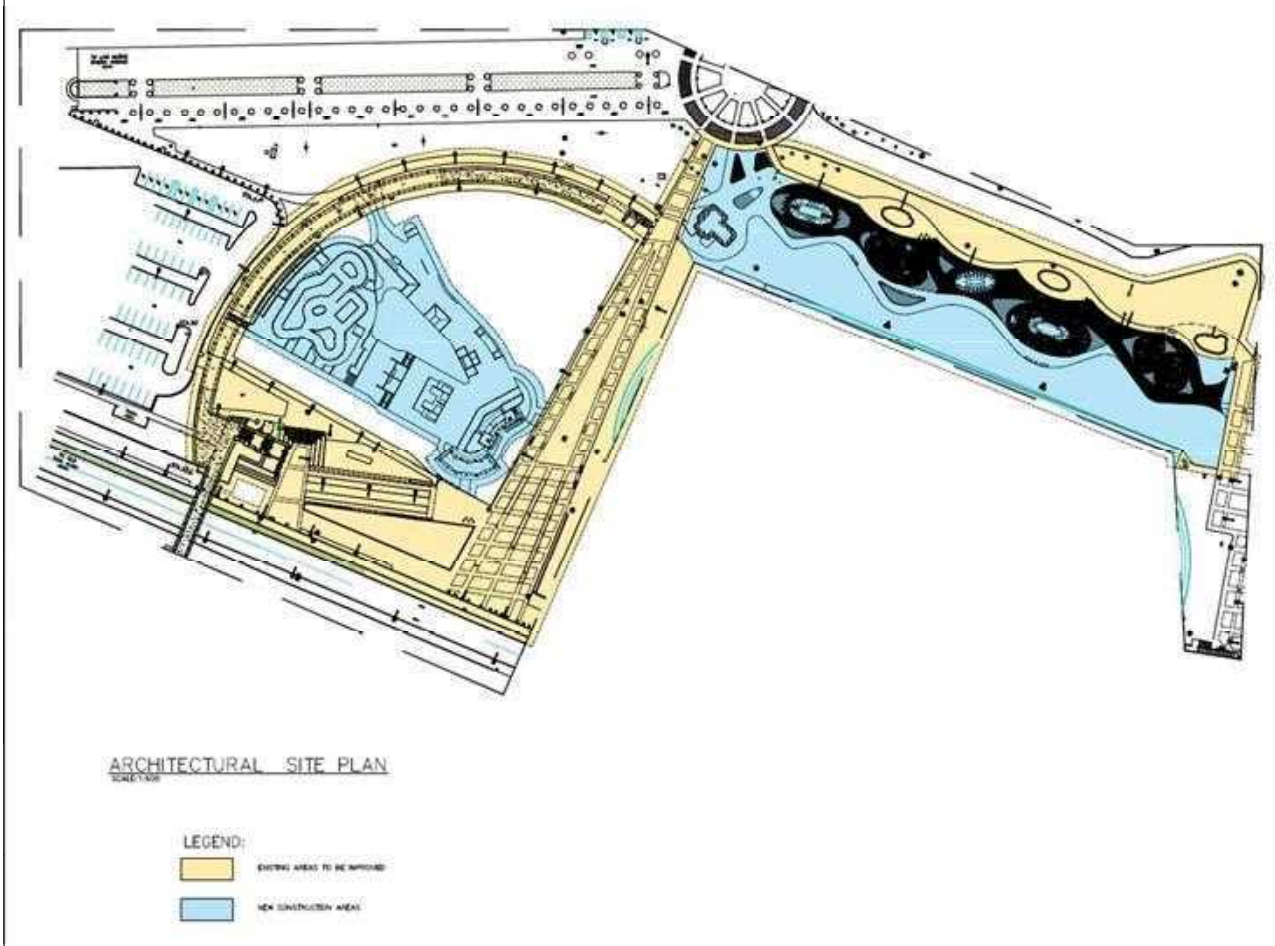
Source: Interactive Map of ArcGIS Online, ESRI (https://tt-emi.maps.arcgis.com)

Figure 19. Architectural Site Plan - Demolition Site Plan



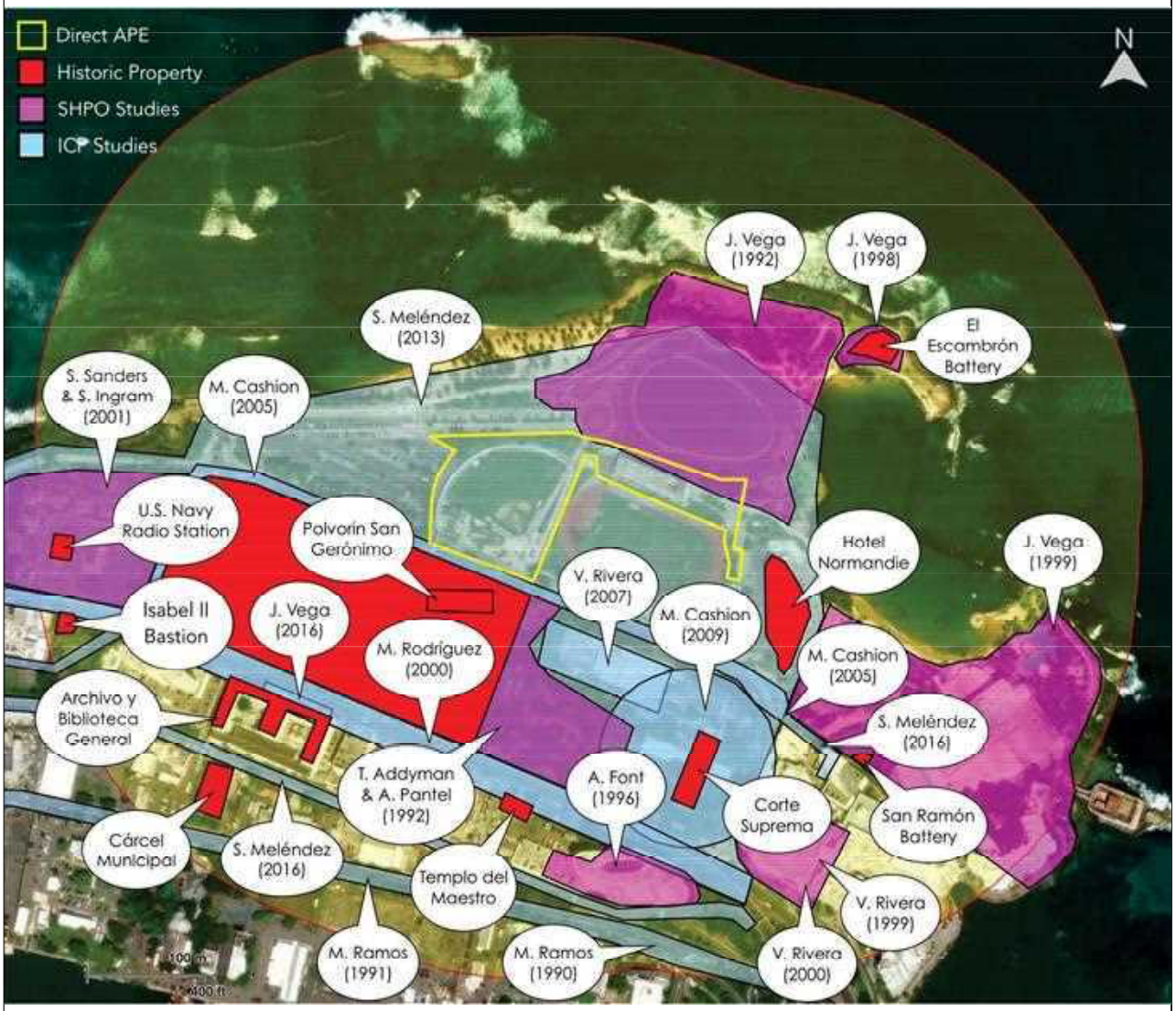
Source: 90% Completed Construction Drawings
(Hernández-Bauzá PSC, Architects)

Figure 20. Architectural Site Plan - Improvements and New Design



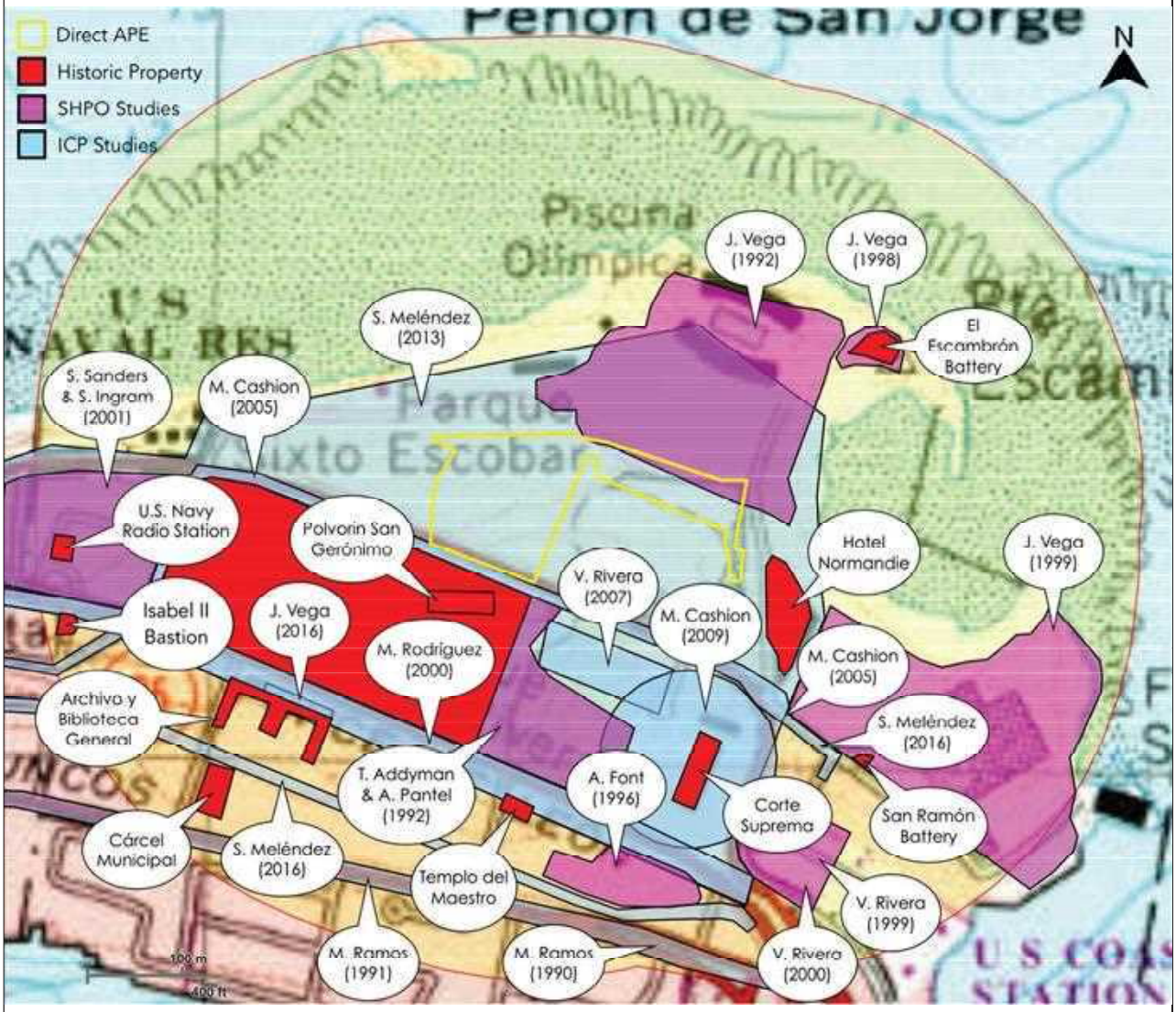
Source: 90% Completed Construction Drawings
(Hernández-Bauzá PSC, Architects)

Figure 21. Project (Parcel) Location w/ Previously Recorded Historic Properties - Aerial Map



Source: Interactive Map of United States Environmental Protection Agency, NEPAssist (https://nepassisttool.epa.gov/nepassist/nepamap.aspx)

Figure 22. Project (Parcel) Location w/ Previously Recorded Historic Properties - Topographic Map



Source: Interactive Map of United States Environmental Protection Agency, NEPAssist (https://nepassisttool.epa.gov/nepassist/nepamap.aspx)

Figure 23. Photograph Key - Direct APE



Source: 2023 Satellite Image, Apple Maps (https://www.apple.com/maps)

Figure 24. Photograph Key - Visual APE



Source: 2023 Satellite Image, Apple Maps (https://www.apple.com/maps)



Photo: 1	**Description:** Southeast corner of Escambrón Beach parking lot on San Agustín Street.
Date: 5/29/2024	



Photo: 2	**Description:** Staircase leading to Luis Muñoz Rivera Avenue, south of the baseball park.
Date: 5/29/2024	



Photo: 3 **Date:** 5/29/2024	**Description:** Lateral entrance on the southwest corner of the baseball park, shaded by the semicircular pedestrian ramp toward Luis Muñoz Rivera Park.



Photo: 4 **Date:** 5/29/2024	**Description:** Pedestrian path to the south of the baseball park connecting the parking lot to the main entrance on the southeast corner.



Photo: 5 **Date:** 5/29/2024	**Description:** Five-arched main entrance on the southeast corner of the baseball park, to the left of the LGBTQ+ Monument and Pulse Memorial.



Photo: 6 **Date:** 5/29/2024	**Description:** Pedestrian area southeast of the baseball park, bordering Luis Muñoz Rivera Avenue.



Photo: 7	**Description:** Panoramic view of the baseball field upon entering the main entrance on the southeast corner.
Date: 5/29/2024	



Photo: 8	**Description:** LGBTQ+ Monument and Pulse Memorial to the east of the baseball park, separated from the Sixto Escobar Stadium by a concrete wall.
Date: 5/29/2024	



Photo: 9	**Description:** Panoramic view of the baseball field from the LGBTQ+ Monument and Pulse Memorial to the east.
Date: 5/29/2024	



Photo: 10	**Description:** San Agustín Plaza and Street intersection, northeast of the baseball park.
Date: 5/29/2024	



Photo: 11 **Date:** 5/29/2024	**Description:** Lateral entrance on the northeast corner of the baseball park next to the semicircular pedestrian ramp toward Luis Muñoz Rivera Park.



Photo: 12 **Date:** 5/29/2024	**Description:** View of the baseball field with the semicircular pedestrian ramp toward Luis Muñoz Rivera Park in the background.



Photo: 13	**Description:** San Agustín Plaza with the Sixto Escobar Stadium to the left of the sculpture and the baseball park to the right.
Date: 5/29/2024	



Photo: 14	**Description:** Escambrón Beach Club and earth mound to the north of the proposed skate park, obscuring the view of the *Balneario del Escambrón*.
Date: 5/29/2024	



Photo: 15 **Date:** 5/29/2024	**Description:** Earth mound covering the old swimming pool to the north of the proposed skate park, obstructing the view of the *Poza del Escambrón* and *Fortín del Escambrón*.



Photo: 16 **Date:** 5/29/2024	**Description:** View of the Sixto Escobar Stadium from a gravel road to the northeast leading to the *Poza del Escambrón* and *Fortín del Escambrón*.



Photo: 17	**Description:** View of the Sixto Escobar Stadium from the southwest corner of the *Fortín del Escambrón*.
Date: 5/29/2024	



Photo: 18	**Description:** View of the Sixto Escobar Stadium from the southeast corner of the *Fortín del Escambrón*.
Date: 5/29/2024	



Photo: 19 **Date:** 5/29/2024	**Description:** Normandie Hotel (left) and Sixto Escobar Stadium (right), separated by a promenade leading to the *Pabellón de la Fama del Deporte Puertorriqueño*.



Photo: 20 **Date:** 5/29/2024	**Description:** Cyclone fence on the the northeast corner of the Sixto Escobar Stadium and the proposed skate park.



Photo: 21	**Description:** Cyclone fence entrance on the northeast corner of the Sixto Escobar Stadium and the proposed skate park.
Date: 5/29/2024	



Photo: 22	**Description:** Demolished bleachers area in the Sixto Escobar Stadium and part of the proposed skate park, north of the track and field.
Date: 5/29/2024	



Photo: 23	**Description:** Track and field within the Sixto Escobar Stadium from the demolished bleachers area and proposed skate park.
Date: 5/29/2024	



Photo: 24	**Description:** Partial structure on the southwest corner of the bleachers area to be demolished for the proposed skate park in the Sixto Escobar Stadium.
Date: 5/29/2024	



Photo: 25 **Date:** 5/29/2024	**Description:** Panoramic view from the northwest corner of the demolished bleachers area and proposed skate park with the Normandie Hotel in the background.



Photo: 26 **Date:** 5/29/2024	**Description:** Demolished bleachers area and proposed skate park from the track and field within the Sixto Escobar Stadium.



Photo: 27 **Date:** 5/29/2024	**Description:** Demolished bleachers area and proposed skate park from the track and field within the Sixto Escobar Stadium with the Escambrón Beach Club in the background.



Photo: 28 **Date:** 5/29/2024	**Description:** Main entrance to the *Pabellón de la Fama del Deporte Puertorriqueño* on the southeast corner of the Sixto Escobar Stadium.



Photo: 29	**Description:** Luis Muñoz Rivera Avenue sidewalk to the south of the Sixto Escobar Stadium.
Date: 5/29/2024	



Photo: 30	**Description:** View of the five-arched main entrance on the southeast corner of the baseball park from the Luis Muñoz Rivera Park.
Date: 5/29/2024	



Photo: 31 **Date:** 5/29/2024	**Description:** Panoramic view of Escambrón Park (left) and Luis Muñoz Rivera Park (right) separated by Luis Muñoz Rivera Avenue from the pedestrian overpass.



Photo: 32 **Date:** 5/29/2024	**Description:** Panoramic view of the baseball park from the pedestrian ramp with the LGBTQ+ Monument and Pulse Memorial to the rear.

PR-CRP-000935

Escambrón Skate Park at Parqe Tercer Milenio Project

San Juan, Puerto Rico

90% Design Drawings

SAN JUAN
CIUDAD CAPITAL

90% Construction Drawings for:
Improvements and New Design of
ESCAMBRON SKATEPARK PR-CRP-000935
Municipio Autónomo de
San Juan, Puerto Rico





HERNANDEZ-BAUZA
PSC, ARCHITECTS

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Dept. Urban Design and Project Development, Autonomous Municipality of San Juan, Puerto Rico

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Site Information

Address: Ave. Luis Muñoz Marín, San Juan, 00901

Catastro: 040-006-125-01
Site Area: 24,070 mc

INDEX OF DRAWINGS

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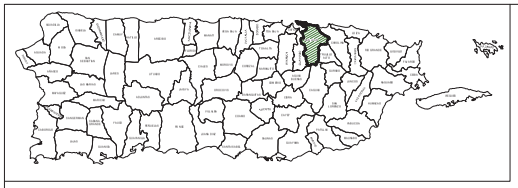
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CALIFICATION MAP



AERIAL MAP / SOW LOCATION MAP





HORIZONTAL & VERTICAL CONTROL STATIONS

STATION	COORDINATES NORTH (Y)	COORDINATES EAST (X)	ELEVATION	DESCRIPTION
STA. 1	269823.7310	236522.4270	3.1960	PK NAIL
STA. 2	269855.9870	236469.6830	3.3850	PK NAIL
STA. 3	269864.8015	236468.2297	3.2950	PK NAIL
STA. 4	269891.2907	236493.9885	2.9120	PK NAIL
STA. 5	269949.9673	236525.5995	2.3480	PK NAIL
STA. 6	269946.5845	236558.1125	2.3100	PK NAIL
STA. 7	269909.9164	236571.0392	2.8870	PK NAIL
STA. 8	269905.7580	236416.5380	3.4340	PK NAIL
STA. 9	270157.0890	236369.7220	8.9170	NAIL
STA. 10	270119.2580	236251.1070	2.1560	NAIL
STA. 11	270043.4170	236536.3510	1.7400	PK NAIL
STA. 50	270025.4080	236180.0710	2.0790	PK NAIL
STA. 51	270062.5250	236204.8540	1.9270	PK NAIL
STA. 52	269981.3774	236183.8252	4.6480	PK NAIL

IMPORTANT NOTES:

1- THIS MAP IS REFEREED TO STATE PLANE COORDINATE SYSTEM (LAMBERT) NAD83 NA 2011 (EPOCH 2010) AND ELEVATIONS TO PRVD02.

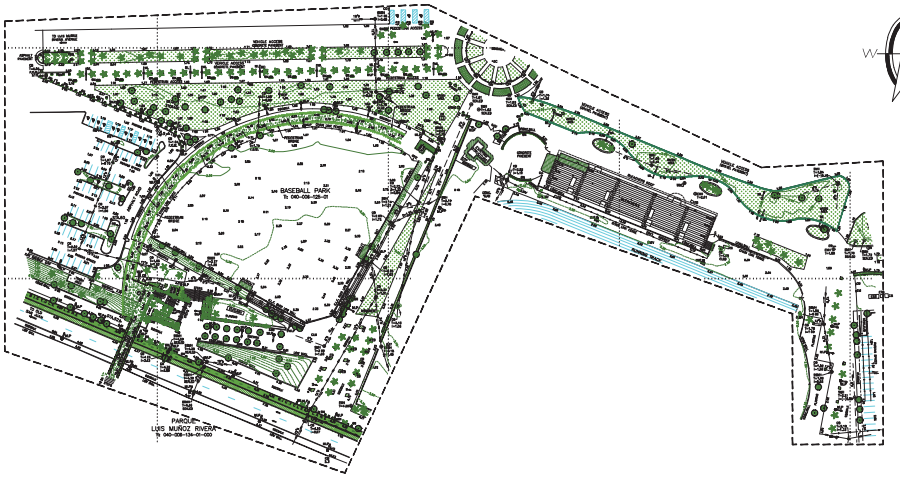
2- ALL MEASURES ARE IN METERS, UNLESS OTHERWISE STATED.

3- THIS DRAWING REPRESENTS THE RESULT OF THE DATA TAKEN ON THE SITES AT THE INDICATED DATE AND IT CAN ONLY REPRESENTS THE EXISTING CONDITIONS AT THE WRITTEN DATE.

4- THE INFORMATION PROVIDED ON THIS DRAWING MAY OR MAY NOT SHOW ALL THE STRUCTURES AND UTILITIES THAT ARE ABOVE OR BELOW THE GROUND.

5- ALL ILLUSTRATED SYMBOLS (UTILITIES IN GENERAL, TRAFFIC, ETC) ARE ONLY FOR ILLUSTRATION PURPOSES, THEY ARE NOT NECESSARY AS BIG AS THE SYMBOLS ARE.

6- THE ADJOINERS AND CADASTRE NUMBERS WERE OBTAINED FROM THE CRIM VIRTUAL PAGE.



0MTS. 20MTS. 50MTS. 75MTS.

GRAPHIC SCALE 1:1,000

LEGEND:

STA-## A	HORIZONTAL & VERTICAL CONTROL STATIONS
CN: ###	CRIM NUMBER
	TREE
	VEGETATION
	PROPERTY LIMIT (CRIM VIRTUAL PAGE)
	CONCRETE SWALE
	UNDERGROUND GAS LINE
	UNDERGROUND WATER LINE
	UNDERGROUND ELECTRIC POWER LINE
	UNDERGROUND UNKNOWN LINE
	UNDERGROUND SANITARY PIPES
	UNDERGROUND STORM SEWER PIPES
	IRON FENCE
	CHAIN LINK FENCE
	IRON FENCE OVER LOW WALL
	CHAIN LINK FENCE OVER LOW WALL
G	GATE
	CONTOUR LINE INTERVAL 0.25m
29.0	CONTOUR LINE INTERVAL 1.00m
29.00	SPOT ELEVATION
CS	CONCRETE SLAB
MC	METAL COVER
CLM	COLUMN
EB	ELECTRIC BOX
EM	ELECTRIC METER
TEB	TRANSFORMER ELEC. BOX
TC	TELECOMMUNICATION COVER
RS	ROAD SIGN
BN	CONCRETE BENCH
	ORNAMENTAL LIGHT POLE
MLP	PARK METAL LIGHT POLE
MLP	METAL LIGHT POLE
CLP	CONCRETE LIGHT POLE
CEP	CONCRETE ELECTRIC POLE
	METAL LAMP
	GUY WIRE
B	BOLLARDS
TC	TRASH CAN
	PLANTING & GREEN AREAS
CO	CLEAN OUT
WV	WATER VALVE
WM	WATER METER
FH	FIRE HYDRANT
SSMH	STORM SEWER MANHOLE
SMH	SANITARY MANHOLE
CB	CATCH BASING
T=21.15 D=20.18 I=19.12 CLOS F.O.W.	TOP ELEVATION DROP ELEVATION INVERT ELEVATION CLOGGED FULL OF WATER
	WAREHOUSE ENTRANCE
	GUARD HOUSE ENTRANCE



LOCATION MAP
SCALE 1:20,000 SAN JUAN QUADRANGLE
NORTH (Y) = 270066.92
EAST (X) = 236447.85



AERIAL PHOTO
SCALE 1:5,000



FEMA FIRM MAP
SCALE 1:10,000
MAP REVISED: NOVEMBER 18, 2009
MAP NUMBER: 72000C0356J
ZONE X, AE



ZONING MAP
NOT TO SCALE
"PLANO DE CALIFICACION DE SUELOS MUNICIPIO AUTONOMO DE SAN JUAN" SHEET No.2C, VALIDITY: MARCH 11, 2003
"CALIFICATIONS: D, DD, CR-H (SEE NOTE No.7)

MFORCE Professional Land Surveyors
161 PONCE DE LEON AVE, SUITE 304,
HATO REY WARD, SAN JUAN PR 00917
TEL: 787-548-1461,
email: INFO@MFORCEGROUP.COM

REVISIONS

NO.	DESCRIPTION	DATE:

AS-BUILT & TOPOGRAPHY SURVEY PLAN FOR ESCAMBRON SKATEPARK PROJECT LOCATED AT LUIS MUÑOZ RIVERA AVENUE OLD SAN JUAN, SAN JAUN, PUERTO RICO

FILE NAME: LS-2315 Escambron Skate Park, San Juan
DRAWN BY: J. NIEVES
FIELD DATA BY: C. FOURNIER
DRAWING SCALE: 1:1,000
DATE: SEPTEMBER 20, 2022

SITE - 1

PAGE NUMBER: 1 OF: 1

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SURVEY

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
--- E.H.

NUMBER 2 TOTAL 83

DRAWING NUMBER
X-1.0



SURVEY BLOW-UP
SCALE: 1: 600.00

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SURVEY BLOW-UP

COMPUTER PLOT
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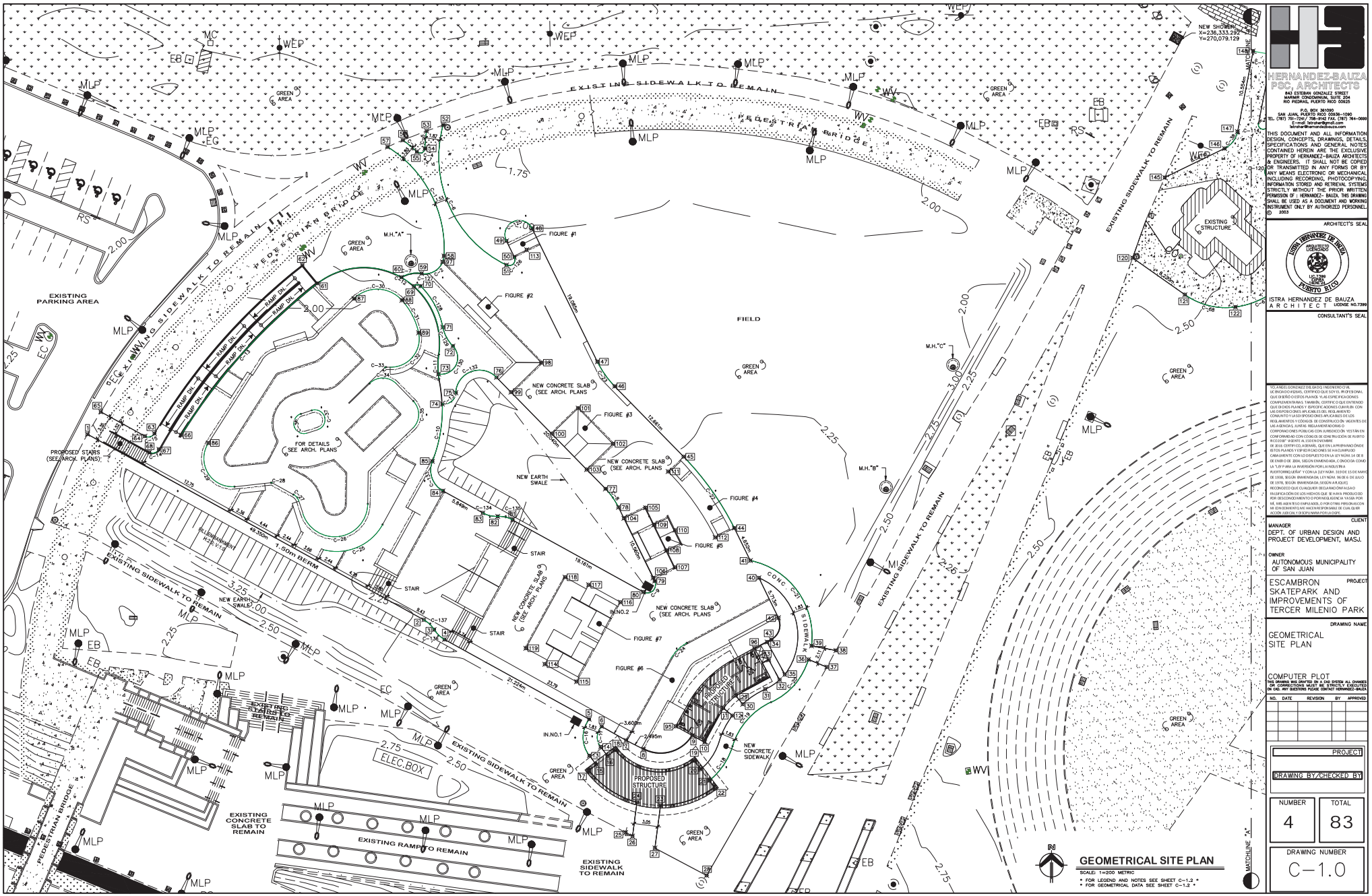
NO.	DATE	REVISION	BY	APPROVED

PROJECT
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DRAWING BY/CHECKED BY
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NUMBER	TOTAL
3	83

DRAWING NUMBER
X-1.1



GEOMETRICAL SITE PLAN

SCALE: 1=200 METRIC

* FOR LEGEND AND NOTES SEE SHEET C-1.2 *
* FOR GEOMETRICAL DATA SEE SHEET C-1.2 *

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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GEOMETRICAL SITE PLAN

COMPUTER PLOT

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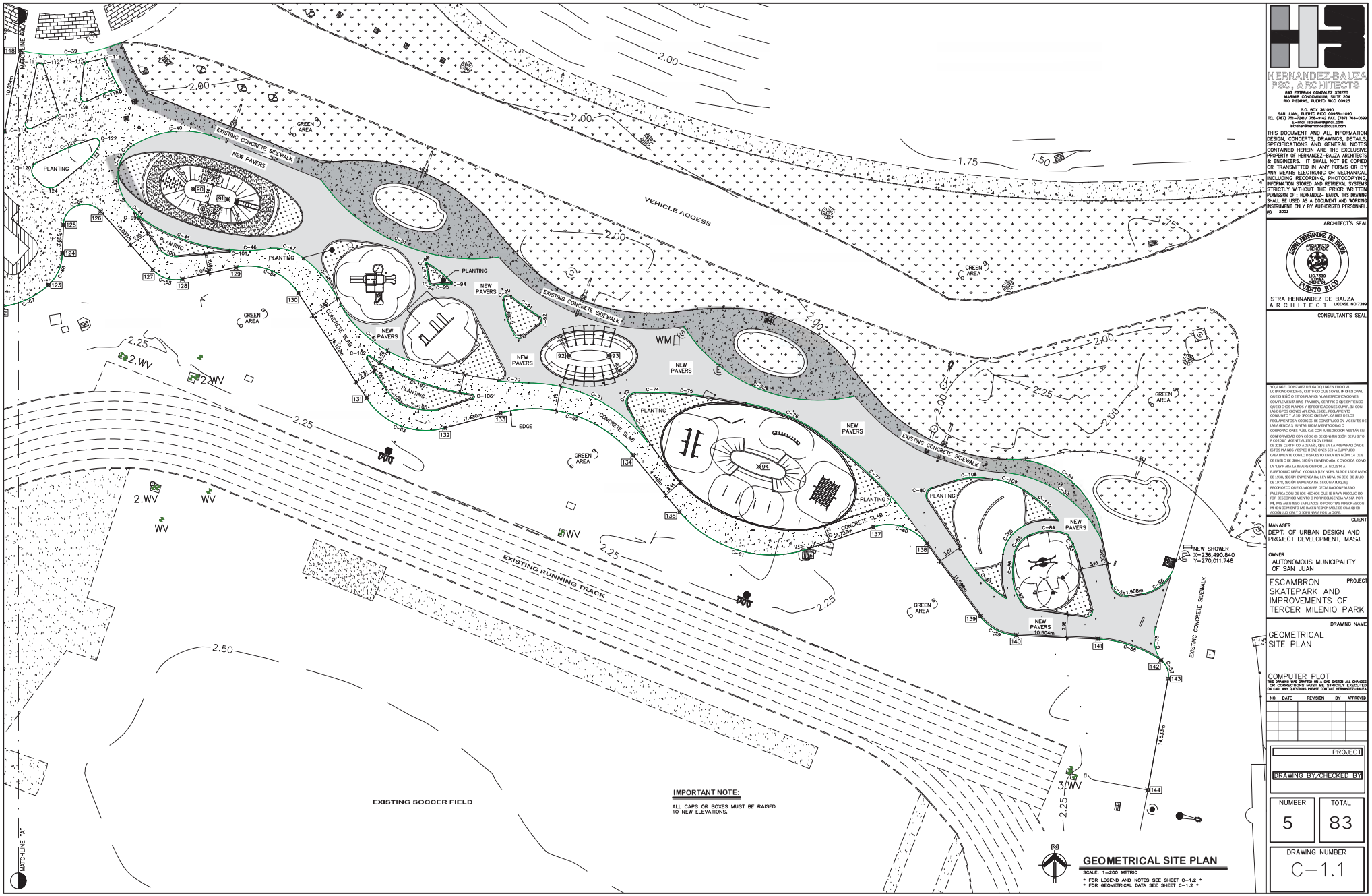
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NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY

NUMBER	TOTAL
5	83

DRAWING NUMBER
C-1.1

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C-1	61°35'24"	15.41	9.18	2.53	16.56	15.78	270052.0604	236223.8189
C-2	96°55'51"	2.44	2.75	1.24	4.13	3.65	270051.2856	236236.7661
C-3	7°45'37"	17.24	1.17	0.04	2.33	2.33	270052.0610	236223.8195
C-4	131°29'57"	0.61	1.35	0.87	1.40	1.11	270064.9765	236236.1355
C-5	7°06'15"	18.25	1.13	0.04	2.26	2.26	270064.2725	236254.9786
C-6	79°43'26"	15.41	12.87	4.67	21.44	19.75	270063.8392	236253.9459
C-7	42°28'14"	3.66	1.42	0.27	2.71	2.65	270045.2890	236235.6698
C-8	18°13'35"	9.14	1.47	0.12	2.91	2.90	270014.8191	236253.4132
C-9	145°00'00"	1.07	3.38	2.48	2.70	2.03	270008.8910	236265.3132
C-10	23°38'29"	18.29	3.83	0.40	7.55	7.49	270031.4811	236220.7091
C-11	18°03'43"	10.06	1.60	0.13	3.17	3.16	270037.0418	236248.5046
C-12	136°00'54"	9.75	24.15	16.29	23.15	18.09	270039.9097	236228.9011
C-13	20°13'02"	74.69	13.32	1.18	26.36	26.22	269988.7694	236268.9223
C-14	89°24'41"	0.91	0.91	0.37	1.43	1.29	270026.7289	236201.7790
C-15	88°18'45"	0.91	0.89	0.36	1.41	1.27	270028.7850	236201.2074
C-16	75°27'40"	3.82	2.96	1.01	5.03	4.68	269989.2715	236260.8897
C-17	82°41'18"	1.99	1.75	0.66	2.88	2.63	269989.2717	236260.8902
C-18	3°59'29"	9.14	2.79	0.42	5.42	5.35	269990.7976	236267.5326
C-19	48°35'01"	9.14	4.13	0.89	7.75	7.52	269985.4723	236285.0280
C-20	49°11'01"	8.76	4.01	0.87	7.52	7.29	270001.7801	236277.6472
C-21	85°48'38"	9.91	9.21	3.62	14.84	13.49	270002.2806	236276.5931
C-22	18°43'32"	36.64	5.39	0.39	10.70	10.66	269999.7486	236243.7524
C-23	18°13'35"	12.19	1.96	0.16	3.88	3.86	270042.9153	236269.8539
C-24	32°56'10"	5.03	1.49	0.22	2.89	2.85	269996.9674	236272.7802
C-25	75°50'08"	6.71	5.22	1.79	8.88	8.24	270019.8582	236225.4352
C-26	161°29'31"	4.27	26.19	22.27	12.03	8.42	270019.3244	236225.1407
C-27	43°22'46"	1.52	0.61	0.12	1.15	1.13	270019.1322	236219.1203
C-28	35°00'00"	0.30	0.10	0.01	0.19	0.18	270021.6888	236217.0039
C-29	126°50'16"	3.66	7.31	4.52	8.10	6.54	270025.1318	236212.0039
C-30	92°18'37"	4.27	4.44	1.89	6.87	6.16	270042.5929	236230.6221
C-31	29°46'13"	9.14	2.43	0.32	4.75	4.70	270039.3282	236226.9993
C-33	43°08'21"	0.30	0.12	0.02	0.23	0.22	270036.5397	236231.7677
C-34	90°00'00"	2.44	2.44	1.01	3.83	3.45	270033.0036	236231.3469
C-35	90°00'00"	2.44	2.44	1.01	3.83	3.45	270030.7871	236233.5124
C-36	180°00'00"	1.30	INFINITY	INFINITY	4.07	2.59	270029.6054	236221.2085
C-37	180°00'00"	1.30	INFINITY	INFINITY	4.07	2.59	270030.0580	236222.6142
C-38	5°30'04"	3.05	1.52	0.36	2.83	2.73	270067.6956	236338.1673
C-39	34°40'18"	21.66	6.76	1.03	13.10	12.91	270098.5743	236348.0582
C-40	55°19'58"	12.02	6.30	1.55	11.61	11.16	270055.0802	236364.0665
C-41	23°26'51"	3.99	0.83	0.09	1.63	1.62	270061.9201	236369.8634
C-42	13°14'11"	8.34	0.97	0.06	1.93	1.92	270059.9974	236363.7833
C-43	31°37'27"	6.94	1.96	0.27	3.83	3.78	270061.6135	236362.6568
C-44	22°08'28"	11.75	2.30	0.22	4.54	4.51	270065.1287	236366.1286
C-45	29°38'34"	24.21	6.41	0.83	12.53	12.39	270076.0081	236372.2327
C-46	17°23'47"	17.17	2.62	0.20	5.21	5.19	270068.9349	236372.2057
C-47	43°57'43"	6.10	2.46	0.48	4.68	4.56	270045.9724	236375.8417

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C-48	25°03'42"	15.52	3.45	0.38	6.79	6.74	270038.4371	236370.1709
C-49	41°41'10"	16.02	6.10	1.12	11.65	11.40	270052.8942	236398.1523
C-50	56°04'02"	4.99	2.66	0.66	4.89	4.69	270011.9705	236474.3831
C-51	62°53'24"	23.94	14.64	4.12	26.28	24.98	270074.6546	236401.3911
C-52	70°40'26"	20.52	14.55	4.63	25.31	23.73	270053.0509	236445.7405
C-53	57°28'16"	15.48	8.48	2.17	15.52	14.88	270007.8392	236468.2137
C-54	79°25'45"	11.67	9.69	3.50	16.17	14.91	270013.2858	236470.6115
C-55	85°51'49"	1.84	1.71	0.67	2.76	2.51	270009.2458	236485.2397
C-56	54°18'59"	5.24	2.69	0.65	4.97	4.79	270012.8694	236486.5022
C-57	62°54'13"	2.44	1.49	0.42	2.68	2.54	269997.2162	236488.2651
C-58	31°55'26"	15.54	4.44	0.62	8.66	8.55	269986.3681	236480.9172
C-59	50°54'03"	6.10	2.90	0.66	5.42	5.24	270008.4489	236471.4305
C-60	72°07'32"	6.10	4.44	1.45	7.67	7.18	270010.5015	236454.7373
C-61	69°04'53"	15.24	10.49	3.26	18.37	17.28	270027.9218	236439.6343
C-62	65°30'52"	16.46	10.59	3.11	18.82	17.81	270015.0080	236409.1828
C-63	72°03'59"	9.14	6.65	2.16	11.50	10.76	270037.7945	236395.3442
C-64	69°18'33"	7.62	5.27	1.64	9.22	8.67	270042.1595	236372.5135
C-65	60°30'17"	3.96	2.31	0.62	4.18	3.99	270051.9687	236363.1507
C-66	48°17'15"	5.43	2.43	0.52	4.57	4.44	270051.3562	236343.1539
C-67	34°37'15"	10.99	3.42	0.52	6.64	6.54	270055.4648	236339.4088
C-68	42°50'29"	9.14	3.59	0.68	6.84	6.68	270053.6382	236339.6567
C-69	136°01'15"	2.74	6.79	4.58	6.51	5.09	270064.9762	236351.4605
C-70	4°23'30"	51.74	1.98	0.04	3.97	3.97	270086.4661	236410.4326
C-71	52°59'45"	19.11	9.53	2.24	17.67	17.05	270015.6479	236408.5384
C-72	7°20'50"	38.25	2.46	0.08	4.91	4.90	270048.5234	236455.5209
C-73	115°07'05"	1.22	1.92	1.05	2.45	2.06	270032.2912	236422.2322
C-74	3°17'20"	77.35	2.22	0.03	4.44	4.44	269956.1852	236424.2165
C-75	7°54'06"	30.63	2.12	0.07	4.22	4.22	270002.8771	236425.8112
C-76	31°06'30"	22.31	6.21	0.85	12.11	11.96	270010.1369	236432.9139
C-77	17°00'42"	47.09	7.04	0.52	13.98	13.93	269988.8999	236419.8731
C-78	46°20'39"	5.03	2.15	0.44	4.07	3.96	270001.9817	236493.8846
C-79	113°18'44"	0.76	1.16	0.62	1.51	1.27	270019.7789	236454.2072
C-80	106°31'29"	1.07	1.43	0.72	1.98	1.71	270020.2798	236460.6358
C-81	27°17'01"	16.03	3.89	0.47	7.64	7.56	270020.6626	236478.3910
C-82	114°01'40"	0.91	1.41	0.77	1.82	1.53	270005.6371	236480.0860
C-83	12°19'51"	12.92	1.40	0.08	2.78	2.78	270008.8068	236466.6268
C-84	48°10'48"	6.01	2.69	0.57	5.05	4.90	270009.8014	236475.4240
C-85	56°56'23"	3.60	1.91	0.48	3.52	3.38	270011.9705	236474.3831
C-86	12°45'26"	13.27	1.48	0.08	2.95	2.95	270010.6763	236483.9620
C-87	36°43'16"	6.37	2.11	0.34	4.08	4.01	270010.1165	236477.0842
C-88	93°47'08"	0.61	0.65	0.28	1.00	0.89	270041.0872	236407.3488
C-89	28°19'02"	10.07	2.54	0.32	4.98	4.93	270046.2490	236415.2784
C-90	134°54'14"	0.61	1.47	0.98	1.44	1.13	270045.4663	236405.8492
C-91	9°10'40"	28.26	2.27	0.09	4.53	4.52	270067.5303	236424.4672
C-92	112°10'15"	0.61	0.91	0.48	1.19	1.01	270042.7792	236409.6067
C-93	13°41'02"	16.91	2.03	0.12	4.04	4.03	270035.7991	236386.6194

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C-94	141°24'05"	0.15	0.44	0.31	0.38	0.29	270047.5994	236398.5207
C-95	18°47'50"	6.58	1.09	0.09	2.16	2.15	270040.9151	236397.7223
C-96	101°10'48"	0.61	0.74	0.35	1.08	0.94	270047.9474	236396.2294
C-97	18°34'15"	6.58	1.08	0.09	2.13	2.12	270047.8463	236389.0412
C-98	141°00'41"	0.15	0.43	0.30	0.38	0.29	270050.0797	236395.3916
C-99	159°05'17"	0.15	0.83	0.69	0.42	0.30	270065.9669	236358.3799
C-100	60°36'52"	3.05	1.78	0.48	3.22	3.08	270054.0362	236363.2144
C-101	169°56'25"	0.15	1.73	1.59	0.45	0.30	270051.7383	236370.1051
C-102	154°16'52"	0.30	1.34	1.06	0.82	0.59	270037.9806	236387.9719
C-103	4°23'02"	61.03	2.34	0.04	4.67	4.67	270068.5487	236440.4369
C-104	23°43'36"	6.10	1.28	0.13	2.52	2.51	270037.2085	236395.3225
C-105	30°47'22"	9.40	2.59	0.35	5.05	4.99	270040.6679	236395.8754
C-106	155°16'30"	0.30	1.39	1.12	0.83	0.60	270032.9995	236401.2066
C-107	26°51'33"	30.14	7.20	0.85	14.13	14.00	270063.2033	236405.0196
C-108	24°37'07"	9.30	2.03	0.22	3.99	3.96	270013.3212	236465.9496
C-109	23°43'18"	10.16	2.13	0.22	4.21	4.18	270012.3317	236466.8679
C-110	22°12'32"	15.80	3.10	0.30	6.13	6.09	270007.4142	236464.0963
C-111	79°02'11"	0.30	0.25	0.09	0.42	0.39	270075.5250	236345.5895
C-112	68°54'36"	0.30	0.20	0.06	0.35	0.33	270075.5036	236345.8429
C-113	82°23'09"	0.61	0.53	0.20	0.88	0.80	270069.5202	236347.4993
C-114	128°53'08"	0.61	1.22	0.75	1.35	1.09	270068.0379	236344.4495
C-115	73°14'14"	0.61	0.45	0.15	0.78	0.73	270075.4156	236351.9683
C-116	78°36'13"	0.47	0.38	0.14	0.64	0.59	270075.9361	236353.7514
C-117	5°24'16"	30.02	1.42	0.03	2.83	2.83	270087.5119	236381.9688
C-118	20°01'15"	7.63	1.35	0.12	2.67	2.65	270064.8691	236356.7728
C-119	122°24'28"	0.61	1.11	0.66	1.30	1.07	270071.4746	236351.5203
C-120	110°38'53"	1.22	1.76	0.92	2.35	2.01	270061.9971	236345.8890
C-121	6°29'38"	28.96	1.64	0.05	3.28	3.28	270038.2423	236360.4793
C-122	141°38'05"	0.61	1.75	1.25	1.51	1.15	270065.5863	236352.7971
C-123	18°22'26"	8.23	1.33	0.11	2.64	2.63	270069.2435	236346.0938
C-124	82°50'59"	1.52	1.34	0.51	2.20	2.02	270061.3395	236347.0229
C-125	180°00'00"	1.83	INFINITY	INFINITY	5.75	3.66	270053.8835	236248.8655
C-126	141°57'14"	0.76	2.21	1.58	1.89	1.44	270050.6584	236247.5608
C-127	91°47'27"	0.61	0.63	0.27	0.98	0.88	270046.8315	236235.7735
C-128	33°37'27"	10.36	3.13	0.46	6.08	5.99	270039.9100	236228.9014
C-129	32°47'45"	4.88	1.44	0.21	2.79	2.75	270042.9696	236243.8311
C-130	142°52'38"	2.13	6.35	4.57	5.32	4.05	270038.0667	236238.8204
C-131	98°26'15"	1.52	1.68	0.74	2.54	2.26	270033.6300	236239.2018
C-132	132°57'36"	3.05	7.00	4.59	7.07	5.59	270033.4140	236243.7687
C-133	82°44'30"	3.05	2.68	1.01	4.40	4.03	270023.6147	236240.5421
C-134	31°13'06"	3.66	1.02	0.14	1.99	1.97	270021.3221	236245.9579
C-135	31°13'00"	3.66	1.02	0.14	1.99	1.97	270014.0129	236246.2545
C-136	29°04'37"	3.66	0.95	0.12	1.86	1.84	270005.0538	236241.0404
C-137	29°04'43"	3.66	0.95	0.12	1.86	1.84	270001.1741	236234.8388

COORDINATE POINTS

POINT ID	NORTHING	EASTING
1	270028.2207	236193.3982
2	270004.3765	236236.6059
3	270003.1140	236237.8396
4	270001.8515	236239.2731
5	269991.5965	236257.8553
6	269990.6707	236259.4691
7	269988.8796	236262.5915
8	269987.7523	236264.8358
9	269989.5151	236271.1093
10	269988.6457	236272.6900
11	269993.0300	236275.1016
12	269992.0646	236276.2562
13	269986.9180	236257.8776
14	269988.0402	236259.3217
15	269985.7467	236258.7812
16	269986.8643	236260.2287
17	269985.0137	236257.8324
18	269987.6225	236261.2087
19	269986.2521	236271.3655
20	269985.1597	236272.1920
21	269983.6994	236273.2969
22	269982.8492	236273.9402
23	269980.5319	236267.0138
24	269980.9260	236263.9914
25	269977.0420	236262.5280
26	269976.5665	236263.4236
27	269975.0405	236266.2986
28	269971.5147	236272.9412
29	269994.6150	236276.6968
30	269993.5334	236277.5837
31	269995.4581	236280.4798
32	269996.6589	236282.3201
33	269999.2144	236280.9369
34	270001.5260	236280.7254
35	269997.3412	236282.9905
36	269999.2774	236286.0383
37	269998.3099	236288.3900
38	270000.4258	236289.5641
39	270001.0313	236286.4252
40	270009.7619	236279.6517
41	270011.9952	236278.5572
42	270004.6328	236282.1683
43	270001.8145	236281.2623
44	270016.1730	236276.5099
45	270025.3387	236269.9815
46	270034.3952	236261.1333
47	270037.5503	236258.9060
48	270054.6882	236250.5077
49	270053.0787	236247.2233
50	270050.9937	236248.2450

COORDINATE POINTS

POINT ID	NORTHING	EASTING
51	270049.9726	236247.2285
52	270067.9751	236239.1035
53	270067.2036	236236.9689
54	270064.9540	236236.7450
55	270064.5356	236235.7152
56	270066.0276	236233.9218
57	270065.1515	236231.9471
58	270051.1397	236239.2002
59	270048.8869	236236.3276
60	270048.3871	236233.7256
61	270047.6279	236222.9374
62	270049.9836	236221.0020
63	270028.3198	236201.9946
64	270027.9844	236200.7656
65	270031.1141	236195.0944
66	270028.1102	236205.4303
67	270026.2788	236202.5750
68	270025.9283	236201.3372
69	270047.2473	236235.3277
70	270047.2641	236236.2030
71	270041.9905	236239.0536
72	270039.5589	236240.3454
73	270035.9565	236238.5051
74	270032.1213	236238.9859
75	270033.5580	236240.7241
76	270035.5441	236245.9489
77	270021.2093	236259.9538
78	270018.8430	236261.6243
79	270009.3604	236266.2712
80	270007.9570	236264.7978
81	270017.2152	236248.0217
82	270017.6675	236246.1062
83	270018.1198	236244.1905
84	270020.9461	236239.0693
85	270024.7384	236237.7088
86	270027.0989	236208.9201
87	270045.6455	236227.6403
88	270045.4495	236233.7921
89	270041.2691	236235.9352
90	270059.6334	236365.4269
91	270058.3821	236369.8011
92	270038.2574	236413.7080
93	270038.2642	236418.8020
94	270024.0461	236438.0593
95	269990.6904	236268.9729
96	270000.7274	236279.0782
97	270050.3766	236239.0288
98	270037.4210	236251.6863
99	270033.6365	236247.8126
100	270028.2718	236253.0539

COORDINATE POINTS

POINT ID	NORTHING	EASTING
101	270031.5734	236256.4332
102	270026.9949	236260.9062
103	270023.6934	236257.5269
104	270017.4262	236262.3193
105	270018.7898	236265.1019
106	270009.7636	236266.0736
107	270011.1275	236268.8567
108	270013.3164	236267.7841
109	270016.6018	236266.1766
110	270015.8975	236268.8952
111	270023.4354	236268.0058
112	270014.9484	236274.0537
113	270051.9278	236249.8239
114	269998.6741	236252.1615
115	269996.4282	236256.2311
116	270006.6283	236261.8603
117	270008.8742	236257.7907
118	270009.8523	236254.7566
119	270000.7197	236249.7166
120	270050.8881	236327.6702
121	270046.1581	236334.3973
122	270044.5773	236340.8865
123	270047.3447	236346.8105
124	270051.4166	236348.5815
125	270055.0793	236348.7192
126	270056.8056	236353.5046
127	270049.3263	236360.1980
128	270048.0977	236363.9969
129	270049.6037	236370.8862
130	270046.3120	236378.9026
131	270032.8114	236387.6773
132	270028.9658	236397.7244
133	270030.8998	236404.8983
134	270025.4937	236421.8696
135	270018.2128	236427.8872
136	270013.4825	236444.5091
137	270016.2773	236452.7874
138	270014.1301	236459.6358
139	270004.8204	236466.5320
140	270002.3590	236471.1571
141	270001.8881	236481.6510
142	269999.1527	236489.7468
143	269996.7791	236490.6640
144	269982.4810	236488.0590
145	270061.2181	236331.8129
146	270064.9542	236339.4997
147	270067.1161	236341.1597
148	270077.4779	236343.1664

LEGEND:

- [1] COORDINATE POINT
- V-1 VERTEX LABEL
- PC POINT OF CURVE
- PT POINT OF TANGENT
- PROPERTY LIMIT
- PORTION OF EXISTING FENCE TO BE DEMOLISHED

HATCH LEGEND:

- NEW PAVERS AREA
- NEW CONCRETE SLAB
- EXISTING CONCRETE SLAB

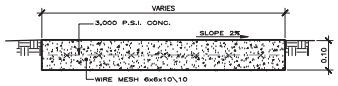
NOTES:

1—DIMENSIONS AND/OR ELEVATIONS ARE SHOWN IN METRIC SYSTEM.

2—THIS PLAN AND OTHER RELATED ONES, HAS BEEN PREPARED CONSIDERING THE INFORMATION INCLUDED IN THE "AS—BUILT & TOPOGRAPHY SURVEY PLAN OF ESCAMBRON BEACH, HOTEL NORMANDIE & PORTION OF SIXTO ESCOBAR PARK" PREPARED BY MFORCE PROFESSIONAL LAND SURVEYORS AND DATED ON SEPTEMBER 20, 2022.

3—CONTRACTOR SHALL REPAIR AND MAINTAIN IN ACCEPTABLE CONDITIONS ANY EXISTING PAVEMENT AND UTILITIES THAT WILL REMAIN IN USE AFTER THE COMPLETION OF THE PROJECT. CONTRACTOR SHALL REPAVE ANY AFFECTED AREA OF PAVEMENT WITH 1" ASPHALT TYPE IV—b.

4—COORDINATES ARE REFEREED TO LAMBERT NAD 83 (NRVS 2007) & ELEVATIONS TO "MEAN SEA LEVEL" DATUM (PRVD 2002).



CONCRETE SIDEWALK DETAIL (1 / C-1.2)

GEOMETRICAL DATA
NOT TO SCALE

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CONSULTANT'S SEAL

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GEOMETRICAL DATA

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ—BAUZA

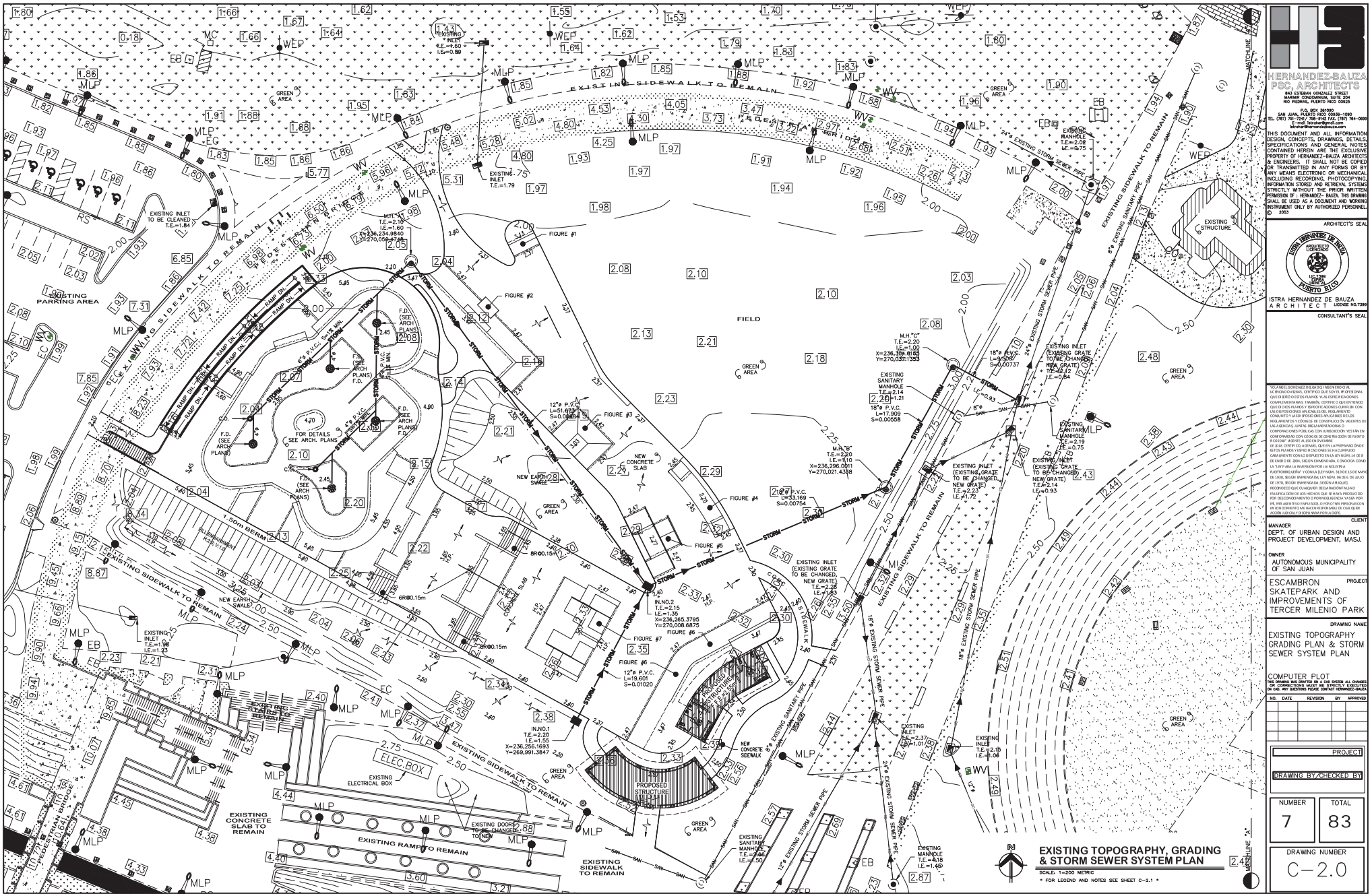
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY

NUMBER	TOTAL
6	83

DRAWING NUMBER
C—1.2



EXISTING TOPOGRAPHY, GRADING & STORM SEWER SYSTEM PLAN

SCALE: 1=200 METRIC

* FOR LEGEND AND NOTES SEE SHEET C-2.1 *

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YO, ANGEL GONZALEZ DIS GADO INGENIERO O A LICENCIADO O A(S)43, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO LOS ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTIENDO QUE ESTOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO COMUNITO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTADORAS O COMPORMAS CONS PUBLICAS CON JURISDICCION Y ESTAN EN CONFORMIDAD CON CODIGO DE CONSTRUCCION DE PUERTO RICO2018" VIGENTE AL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUMA 1A DE 2 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA A PUERTORRIQUEÑA" Y CON LA LEY NUMA 313 DE 15 DE MAYO DE 1938, SEGUN ENMENDADA, LEY NUM. 96 DE 6 DE JULIO DE 1976, SEGUN ENMENDADA, SEGUN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR OMISION DE LA MISMA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRO PERSONA CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISPUNIMA POR LA DISPE.

CLIENT MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
EXISTING TOPOGRAPHY GRADING PLAN & STORM SEWER SYSTEM PLAN

COMPUTER PLOT

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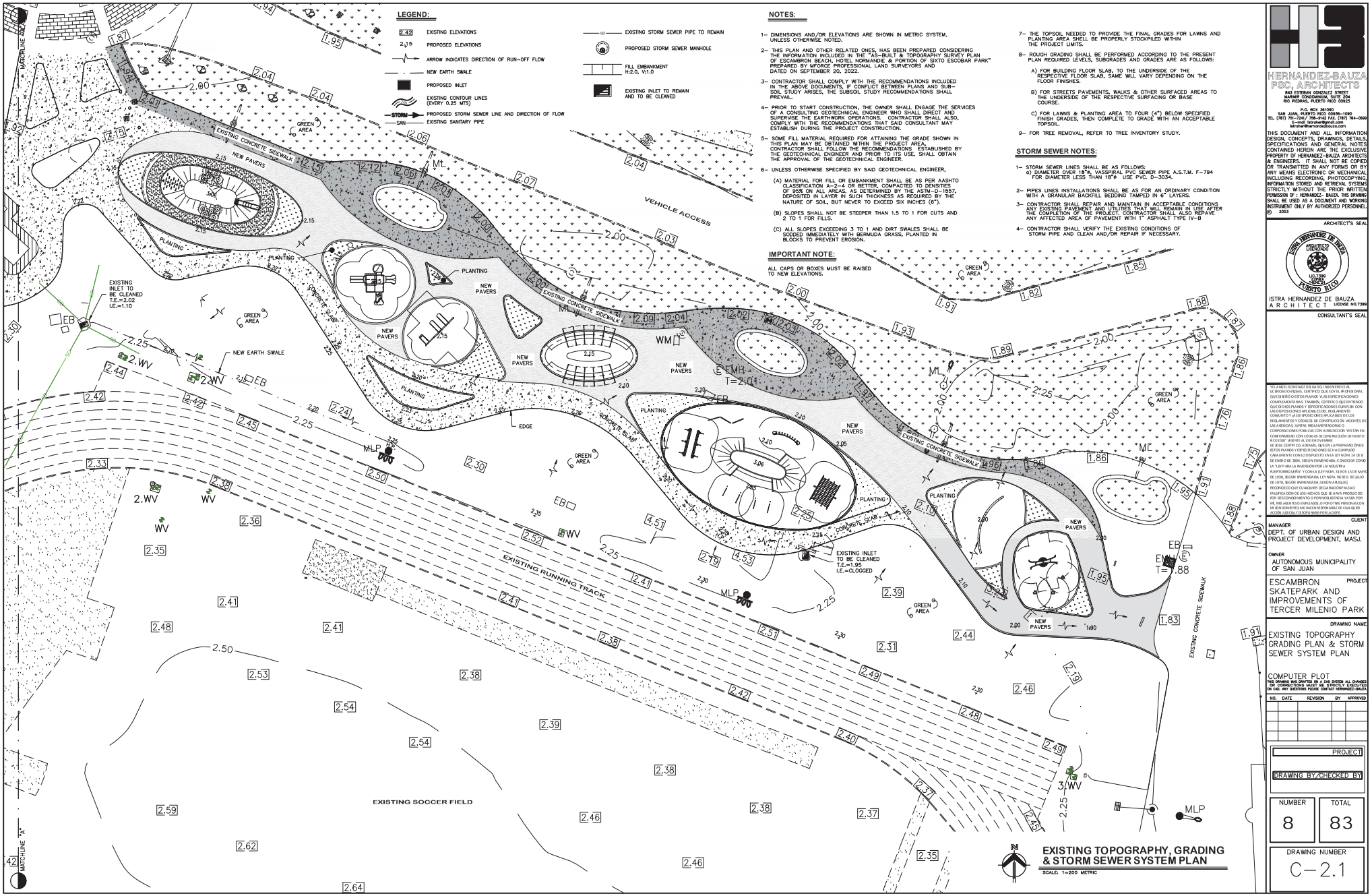
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PROJECT

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NUMBER	TOTAL
7	83

DRAWING NUMBER
C-2.0



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CLIENT

MANAGER
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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
EXISTING TOPOGRAPHY GRADING PLAN & STORM SEWER SYSTEM PLAN

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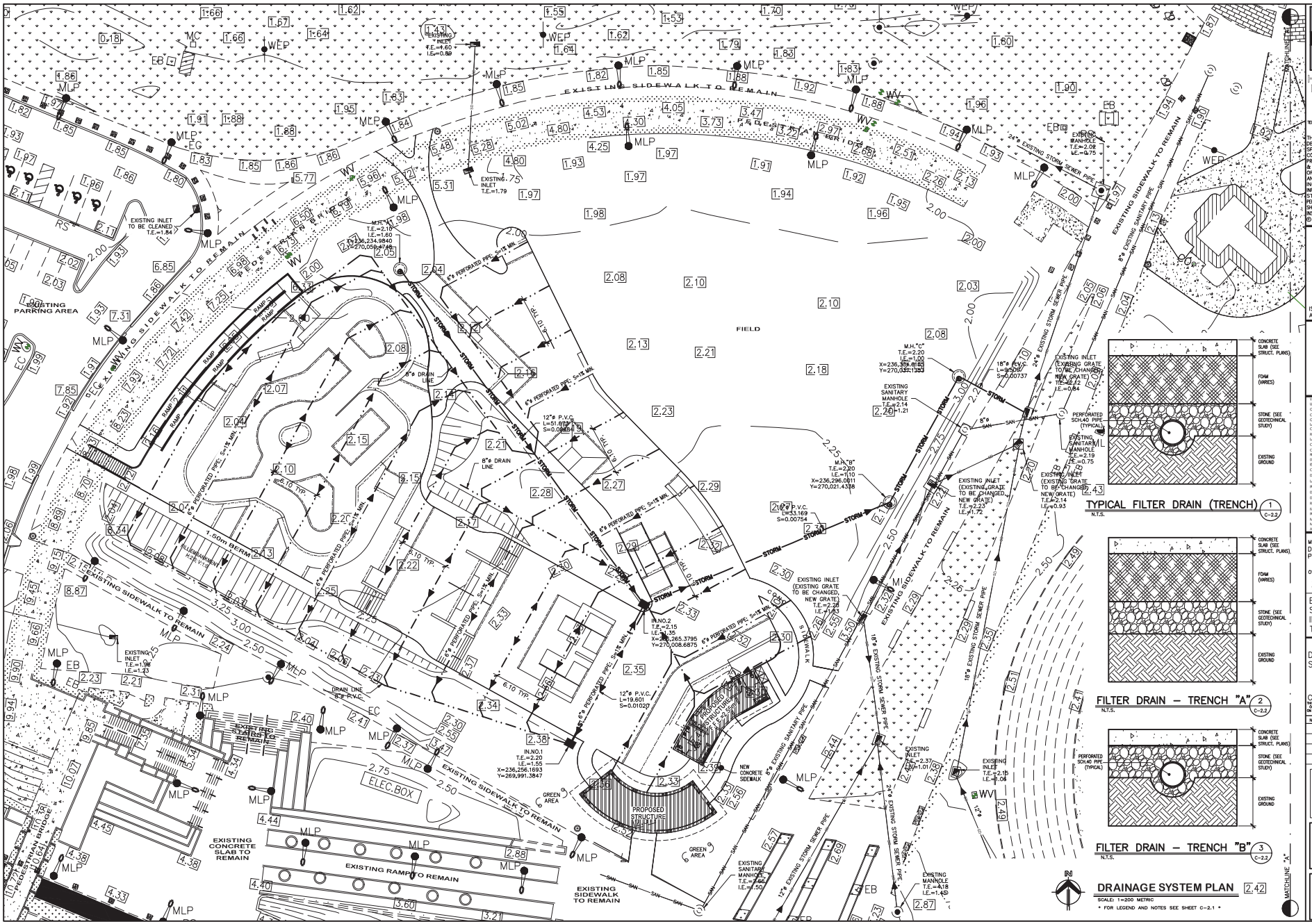
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY

NUMBER	TOTAL
8	83

DRAWING NUMBER
C-2.1



TYPICAL FILTER DRAIN (TRENCH) 1 C-2.2

N.T.S.

FILTER DRAIN – TRENCH "A" 2 C-2.2

N.T.S.

FILTER DRAIN – TRENCH "B" 3 C-2.2

N.T.S.

DRAINAGE SYSTEM PLAN 2.42

SCALE: 1=200 METRIC

* FOR LEGEND AND NOTES SEE SHEET C-2.1 *

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YO, ANGEL GONZALEZ DIS GAUQ INGENIERO CIVIL LICENCIADO # 12645, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO LOS ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION YESTAN EN CONFORMIDAD CON CODIGO DE CONSTRUCCION DE PUERTO RICO 2018" VIGENTE AL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 1A DE 2 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 313 DE 25 DE MAYO DE 1938, SEGUN ENMENDADA, LEY NUM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA, SEGUN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O PERSONALMENTE, MIS AGENTES O EMPLEADOS, O POR OTRA PERSONA CON MI CONSENTIMIENTO, INCUMPLIR CUALQUIER DE ESTAS OBLIGACIONES LEGALES Y DISPUESTAS POR LA LEY, PODRIA RESULTAR EN LA REVOCACION DE MI LICENCIA PROFESIONAL.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
DRAINAGE SYSTEM PLAN

COMPUTER PLOT
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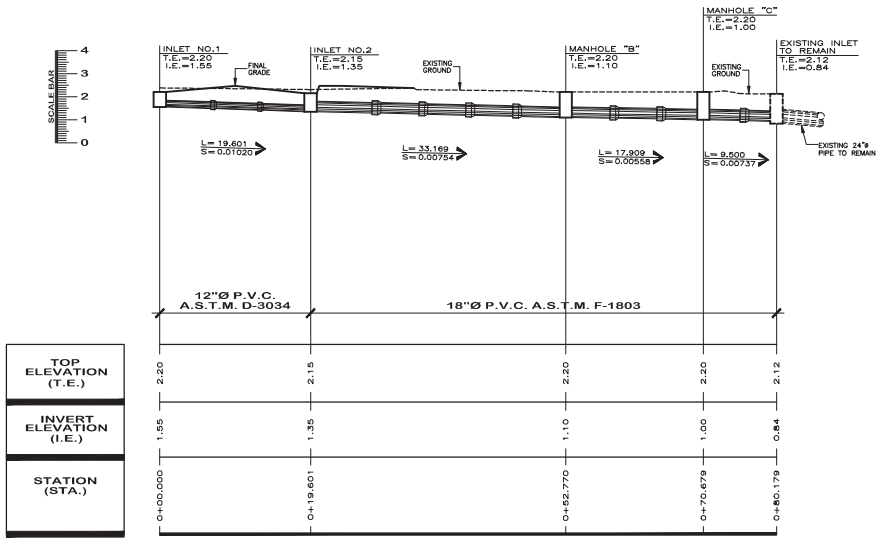
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY

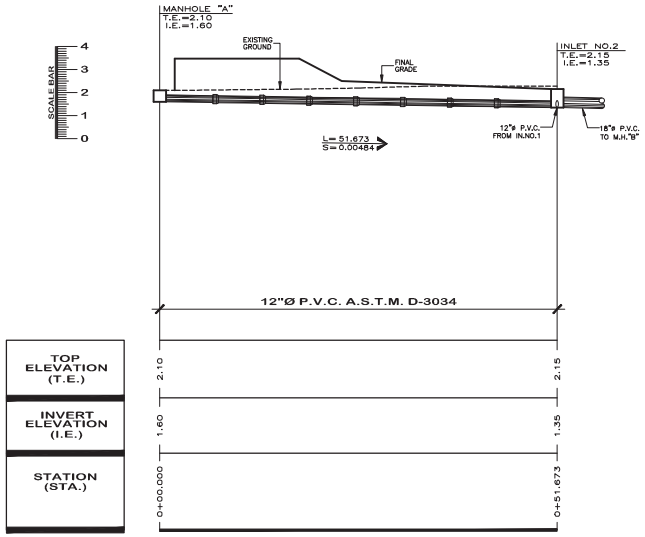
NUMBER	TOTAL
9	83

DRAWING NUMBER
C-2.2



STORM SEWER PROFILE FROM INLET NO.1 TO EXISTING INLET TO REMAIN

SCALE: H: 1:300 V: 1:100



STORM SEWER PROFILE FROM MANHOLE "A" TO INLET NO.2

SCALE: H: 1:300 V: 1:100

HERNANDEZ-BAUZA PSC, ARCHITECTS

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COMPUTER PLOT
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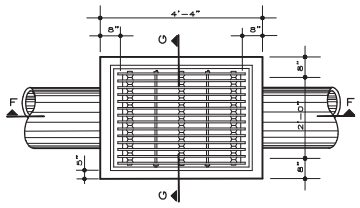
NO.	DATE	REVISION	BY	APPROVED

PROJECT

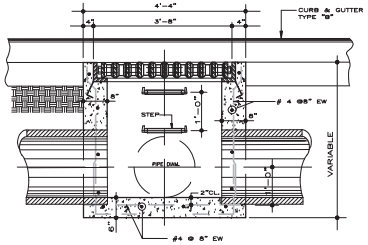
DRAWING BY/CHECKED BY

NUMBER	TOTAL
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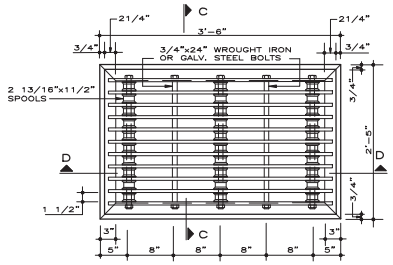
DRAWING NUMBER
C-3.0



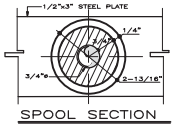
TYP. INLET PLAN AT OPEN AREAS
NTS



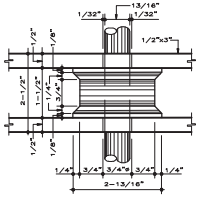
SECTION F–F
NTS



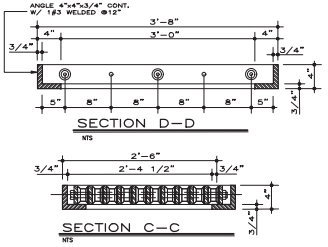
GRATING PLAN



SPOOL SECTION

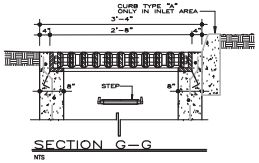


SPOOL DETAIL

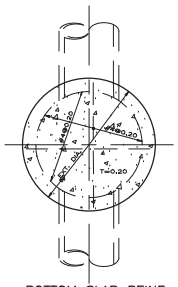


SECTION D–D
NTS

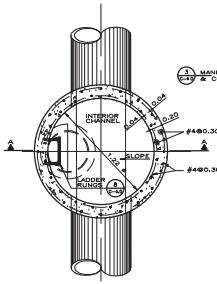
SECTION C–C
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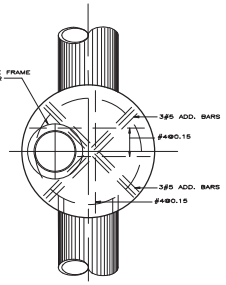
SECTION G–G
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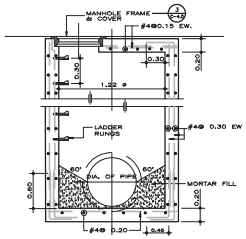
BOTTOM SLAB REINF.
NTS



SECTIONAL PLAN
NTS



TOP SLAB REINF.
NTS



SECTION A–A
NTS

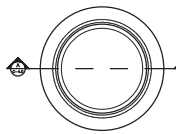
NOTES:
1. THE CONTRACTOR SHALL CONSIDER THE USE OF PRECAST MANHOLE AS AN ALTERNATIVE. IF THIS IS THE OPTION, SHOP DRAWING SHALL BE SUBMITTED TO THE ENGINEER FOR ITS APPROVAL
2. FOR MANHOLES STEPS DETAILS, REFER TO DWG. C–4.0

MANHOLE DIAMETER SCHEDULE

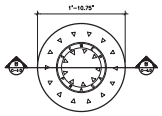
TYPE	MANHOLE DIA. mins	MAX. PIPE DIA. mins
1	1.22	24"
2	1.50	36"
3	1.78	42"
4	2.00	48"
5	2.20	54"
6	2.45	60"
7	2.70	66"
8	2.95	72"

CATCH BASIN FOR 24"ø PIPE DETAILS 1 C-4.0
NOT TO SCALE

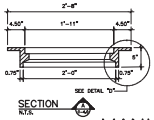
STORM SEWER MANHOLE DETAILS 2 C-4.0
NOT TO SCALE



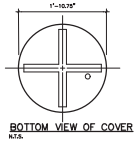
PLAN
N.T.S.



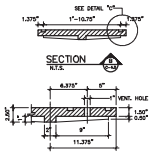
TOP VIEW OF COVER
N.T.S.



SECTION
N.T.S.

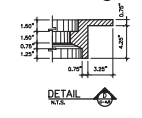


BOTTOM VIEW OF COVER
N.T.S.

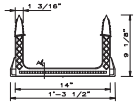


SECTION
N.T.S.

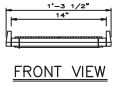
DETAIL
N.T.S.



DETAIL
N.T.S.



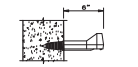
PLAN VIEW



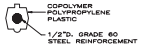
FRONT VIEW



SIDE VIEW



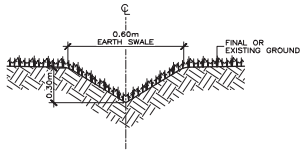
ANCHORAGE DETAIL



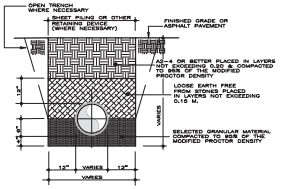
SECTION "A"

MANHOLE FRAME AND COVER DETAILS 3 C-4.0
N.T.S.

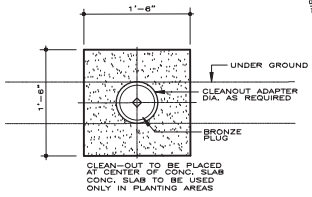
MANHOLE STEP DETAILS 4 C-4.0
N.T.S.



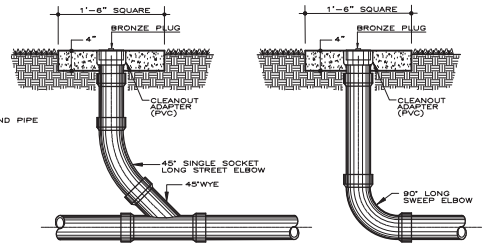
TYPICAL EARTH SWALE DETAIL 5 C-4.0
N.T.S.



STORM PIPE TRENCH DETAIL 6 C-4.0
N.T.S.



TOP VIEW



INTERMEDIATE CLEANOUT

END CLEANOUT

CLEANOUT DETAILS 7 C-4.0
N.T.S.

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STORM SEWER SYSTEM DETAILS

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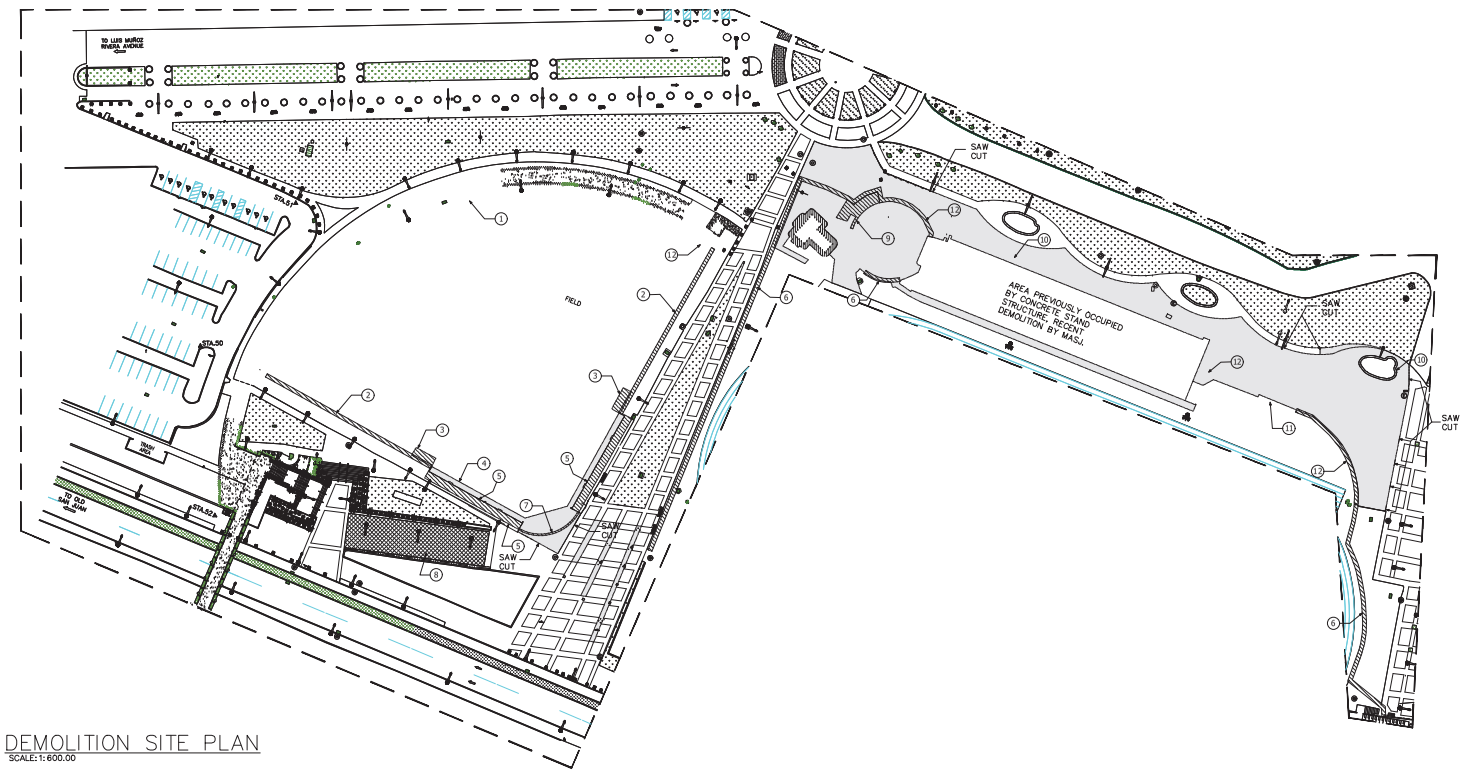
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY

NUMBER	TOTAL
11	83

DRAWING NUMBER
C–4.0



DEMOLITION SITE PLAN

SCALE: 1: 600.00

DEMOLISHED TAG NOTES:



1. BASEBALL FIELD EXITING CYCLONE FENCE

   REMOVE AND PROPERLY DISPOSE CYCLONE FENCE AND CONCRETE FOOTING ON FENCE POLE.



2. RETAINING WALL

   DEMOLISHED EXISTING WALL AND FOOTING AND PROPERLY DISPOSE



3. DUGOUT

   DEMOLISHED EXISTING CONCRETE WALL, FLOOR, ROOF, FOOTING AND BENCH AND PROPERLY DISPOSE

   REMOVE AND PROPERLY DISPOSE EXISTING CYCLONE FENCE WHERE OCCURS



4. BASEBALL FIELD EXISTING CYCLONE FENCE WITH CONCRETE BASE

   REMOVE AND PROPERLY DISPOSE CYCLONE FENCE. CONCRETE BASE AND FOOTING ON FENCE MUST BE DEMOLISHED AND PROPERLY DISPOSED



5. CONCRETE BLEACHERS

   DEMOLISHED CONCRETE BLEACHERS AND PROPERLY DISPOSE



6. CONCRETE WALL

   DEMOLISHED CONCRETE BLOCK WALL AND PROPERLY DISPOSE



7. CONCRETE ARC ENTRANCE

   DEMOLISH CONCRETE ENTRANCE AND PROPERLY DISPOSE



8. CONCRETE PLANTING BASE

   DEMOLISH CONCRETE PLANTING BASE AND PROPERLY DISPOSE



9. CONCRETE STAGE & BENCH

   DEMOLISH CONCRETE STAGE AND BENCH AND PROPERLY DISPOSE



10. CONCRETE SLAB

    DEMOLISH CONCRETE SLAB AROUND LOW WALL AND PROPERLY DISPOSE



11. CYCLONE FENCE & CONCRETE BASE

    REMOVE AND PROPERLY DISPOSE CYCLONE FENCE. CONCRETE BASE AND FOOTING ON FENCE MUST BE DEMOLISHED AND PROPERLY DISPOSED.



12. METAL GATES, CONCRETE AND/OR CYCLONE FENCE GATE

    REMOVE AND PROPERLY DISPOSE METAL GATES.

LEGEND:

- DEMOLISHED EXISTING CONCRETE FLOOR SLAB AND REMOVE EXISTING CONCRETE PAVERS TO PROPERLY DISPOSE.
- EXISTING CONCRETE STRUCTURE TO BE DEMOLISHED
- REMOVE FOR RE-INSTALLMENT THE EXISTING CONCRETE PAVERS ACCORDING TO DETAIL ON DWG AS-3.0

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CLIENT

MANAGER
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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
DEMOLITION SITE PLAN

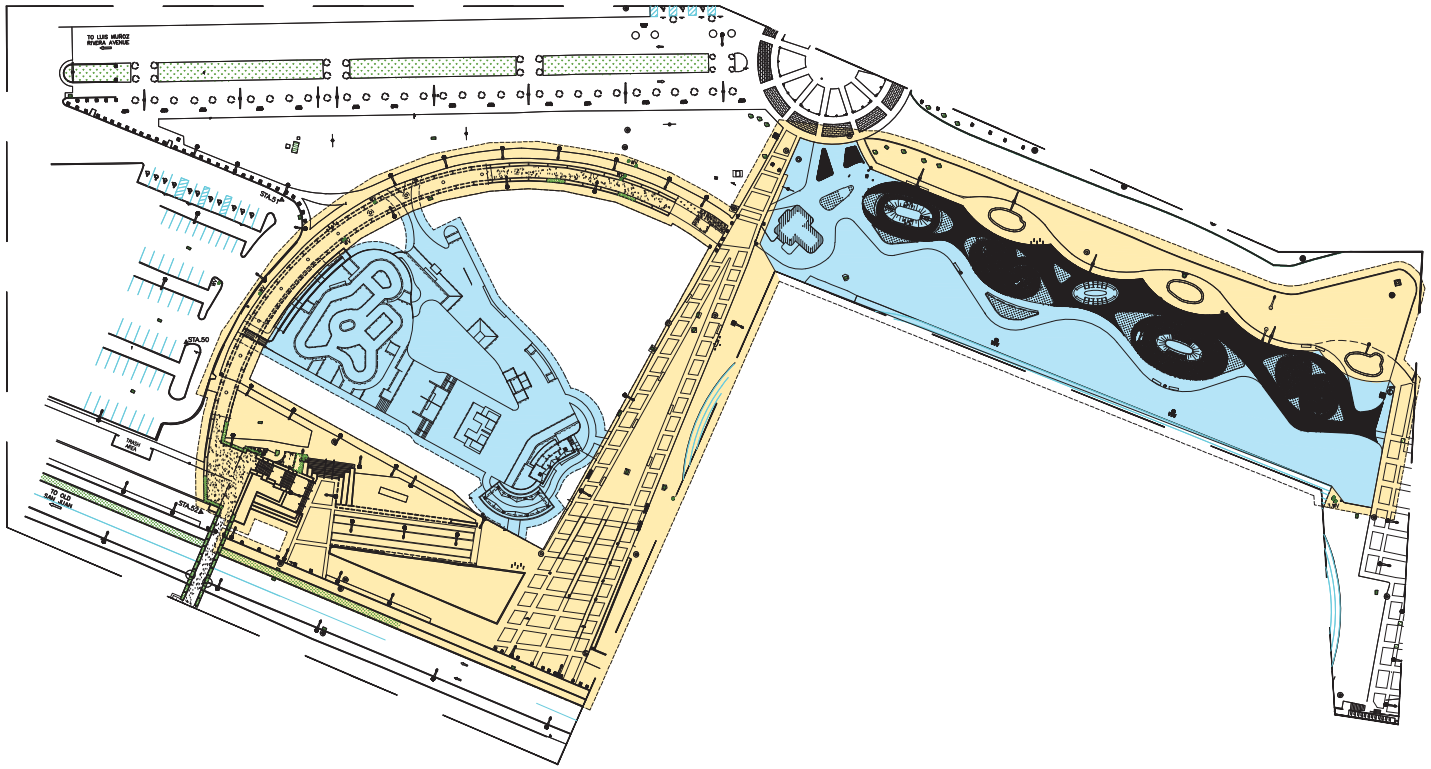
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-- E.H.

NUMBER 12 | TOTAL 83

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ARCHITECTURAL SITE PLAN
SCALE: 1:600

LEGEND:

EXISTING AREAS TO BE IMPROVED

NEW CONSTRUCTION AREAS

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

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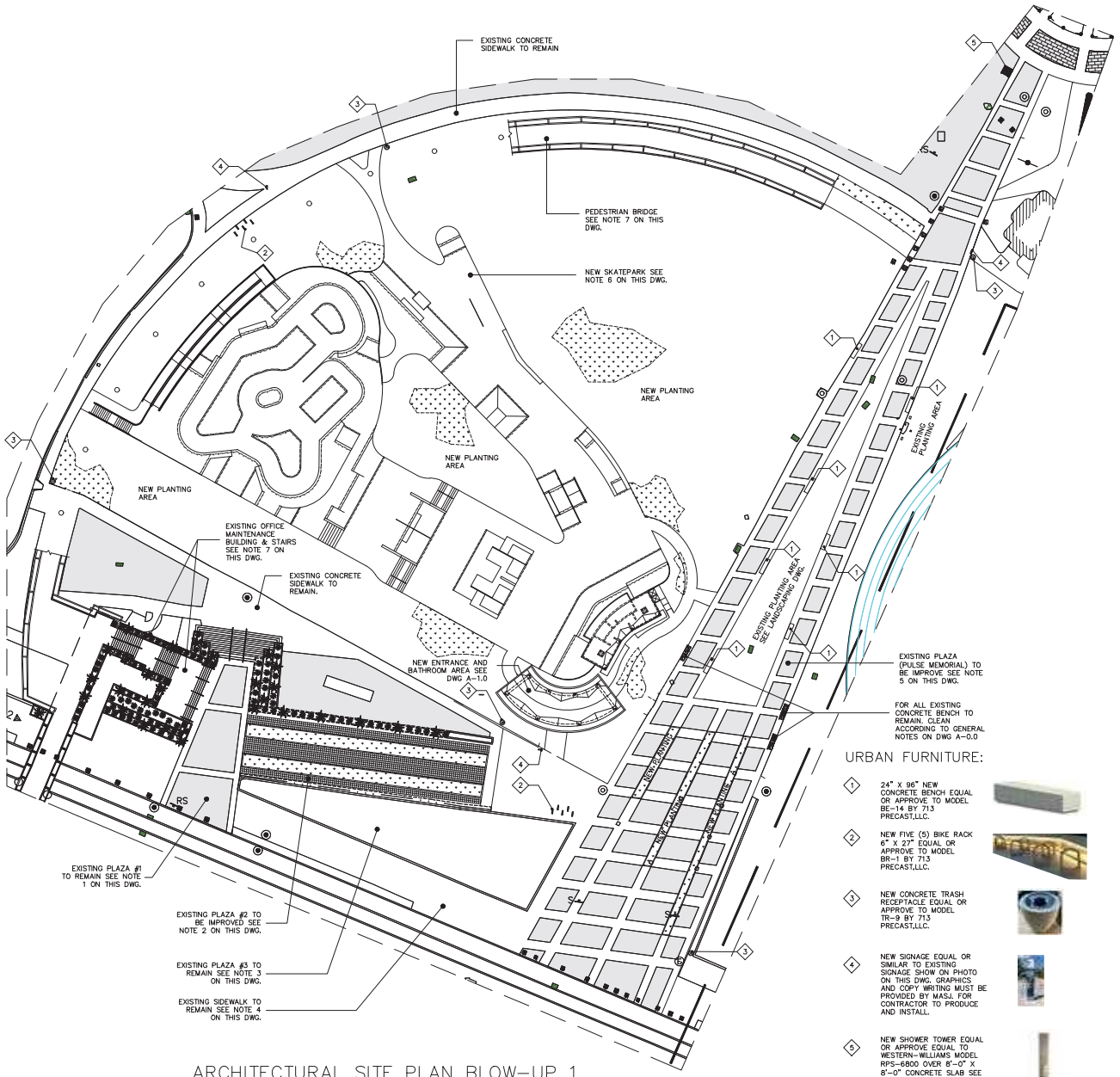
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J.D. E.B.

NUMBER 13 | TOTAL 83

DRAWING NUMBER
AS-1.0



ARCHITECTURAL SITE PLAN BLOW-UP 1

SCALE: 1:300

URBAN FURNITURE:

1. 24" X 96" NEW CONCRETE BENCH EQUAL OR APPROVE TO MODEL BE-14 BY 713 PRECAST,LLC.
2. NEW FIVE (5) BIKE RACK 6" X 27" EQUAL OR APPROVE TO MODEL BR-1 BY 713 PRECAST,LLC.
3. NEW CONCRETE TRASH RECEPTACLE EQUAL OR APPROVE TO MODEL TR-9 BY 713 PRECAST,LLC.
4. NEW SIGNAGE EQUAL OR SIMILAR TO EXISTING SIGNAGE SHOW ON PHOTO ON THIS DWG. GRAPHICS AND COPY WRITING MUST BE PROVIDED BY MASJ. FOR CONTRACTOR TO PRODUCE AND INSTALL.
5. NEW SHOWER TOWER EQUAL OR APPROVE EQUAL TO WESTERN-WILLIAMS MODEL RPS-6800 OVER 8'-0" X 8'-0" CONCRETE SLAB SEE DETAIL IN DWG AS-5.3

NOTES:





NOTE #1:

REMOVE AND REPLACE ALL BROKEN PAVERS.

CLEANING:

WATER BLASTING

JOINT SAND:
REPLENISHED WITH DRY SAND, APPLY SEALERS WILL HELP HOLD THE SAND IN THE JOINTS. THESE ARE APPLIED OVER THE ENTIRE PAVER SURFACE AS A LIQUID AND ALLOWED TO SOAK AND CURE IN THE JOINTS.

VEGETATION:
REMOVE (VEGETATION) BY HAND OR WITH HERBICIDES. TAKE CARE IN USING HERBICIDES SO THAT ADJACENT VEGETATED AREAS ARE NOT DAMAGED. USE BIODEGRADABLE PRODUCTS THAT WON'T DAMAGE OTHER VEGETATION OR POLLUTE WATER SUPPLIES WHEN WASHED FROM THE PAVEMENT SURFACE.

NOTE #2:

SEE DWG AS-2.1 FOR BLOW-UP, DETAILS AND NOTES.




NOTE #3:

RESTORED AND CLEANING ACCORDING TO SECTION 049000 "STONE MASONRY RESTORATION & CLEANING" OF TECH. SPECS.



NOTE #4:
Cleaning
WATER BLASTING



NOTE #5:

APPLY NOTE #1

REMOVE EXISTING PAVER TO REINSTALL TO INCREASE PAVER LEVEL TO ACHIEVE CONCRETE CENEFAS ELEVATION

PAINTED PAVERS:
REMOVE AND INSTALL NEW PAVERS EQUAL TO EXISTING PAVERS

PAINTED CENEFAS:
SCARIFY EXISTING CONCRETE CENEFAS AND APPLY BONDING AGENT AND 1/4" CONC. RESURFACE SEE SECTION 03-53-30 OF TECH. SPECS AND DETAILS ON DWG AS-3.0

NOTE #6:
SEE DWG AS-4.0 FOR BLOW-UP, DETAILS AND NOTES.

NOTE #7:
ALL SURFACE (CONCRETE AND /OR METALS) ON EXISTING OFFICE MAINTENANCE BUILDING, STAIRS AND PEDESTRIAN BRIDGE SHALL BE WATER PRESSURE CLEANED, SURFACE PREPARED AND PAINTED.

NOTE #8:
FOR ALL PLANTING AREA (NEW OR EXISTING) SEE LANDSCAPING DWGS.

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PROJECT
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DRAWING NAME
ARCHITECTURAL SITE PLAN

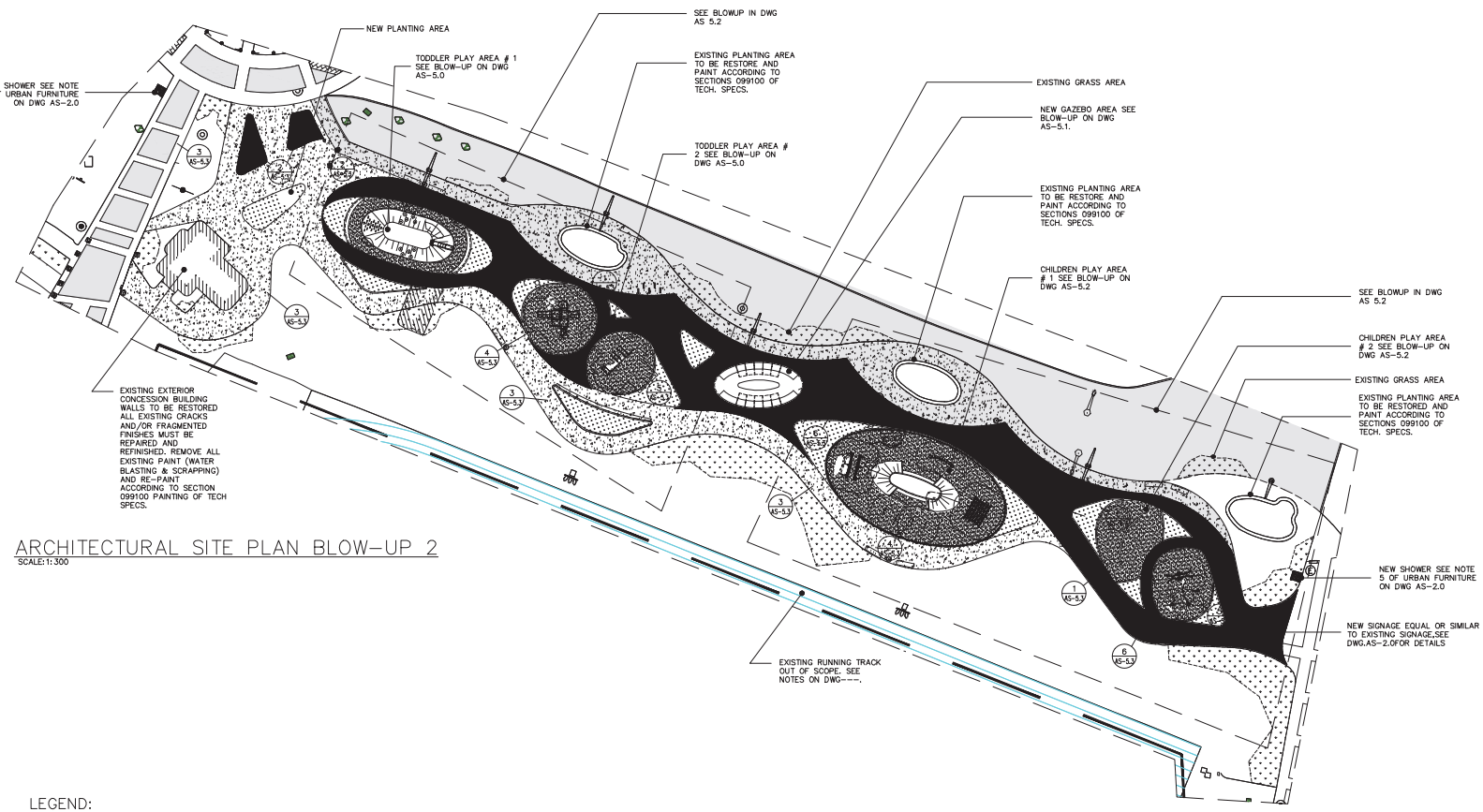
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J.D. E.B.

NUMBER 14
TOTAL 83

DRAWING NUMBER
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ARCHITECTURAL SITE PLAN BLOW-UP 2

SCALE: 1: 300

LEGEND:

- EXISTING GRASS AREA TO REMAIN.
- NEW GRASS AREA, LANDSCAPING DWG.
- NEW PAVERS AREA, SEE DETAILS 3 ON DWG AS-5.3
- RUBBER POURED IN PLACE SURFACE, SEE DETAILS AND NOTES ON DWG AS-5.3.
- EXISTING PAVER AREA TO REMAIN.
- EXISTING CONCRETE SLAB TO BE REFINISH TO MATCH WITH NEW CONCRETE SLAB
- NEW CONCRETE SLAB SEE STRUCTURAL DWGS.

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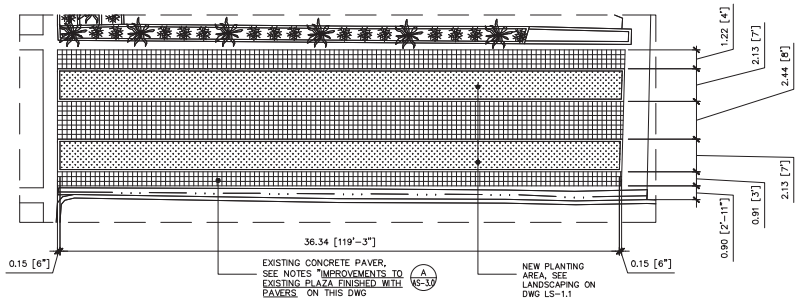
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J.D.	E.B.

NUMBER	TOTAL
15	83

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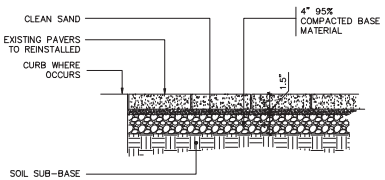


ARCHITECTURAL SITE PLAN BLOW-UP

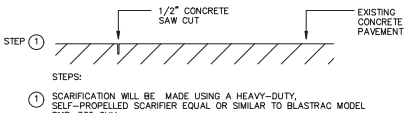
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IMPROVEMENTS TO EXISTING PLAZA FINISHED WITH PAVERS:

1. REMOVE AND SAVE FOR RE-INSTALLATION EXISTING PAVERS AT SELECTED LOCATIONS INDICATED ON DRAWINGS
2. REMOVE AND PROPERLY DISPOSE-OFF EXISTING SUB-BASE MATERIAL TO DEPTH OF 6".
3. AFTER CONSULTATION WITH A LANDSCAPE PROFESSIONAL, SHAVE AND/OR REMOVE TREE ROOTS THAT ARE FOUND TO INTERFERE WITH THE SPACE REQUIRED FOR THE NEW SUB-BASE INSTALLATION. FOR THIS STEP, CONTRACTOR MUST OBTAIN THE SERVICES OF A CERTIFIED ARBORIST TO PERFORM THE WORK.
4. AFTER STEP 3 ELIMINATE ANY DEBRIS OR ROCK AND COMPACT THE GROUND WITH TAMPER AND PROCEED TO PLACE THE 4" SUB-BASE OF THE SELECTED MATERIAL COMPACTED TO 95% COMPACTION TEST RESULTS MUST BE SUBMITTED TO RESIDENT INSPECTOR BEFORE PROCEEDING TO NEXT STEP.
5. AFTER SUB-BASE IS APPROVED AND IN PLACE, DEPOSIT 1.5" OF CLEAN SAND AND LEVEL SURFACE TO RECEIVE PAVERS.
6. INSTALL PAVERS FOLLOWING EXISTING PATTERN. DISCARD BROKEN OR DAMAGED PIECES AND SUBSTITUTE WITH NEW ONES THE SAME SIZE AND COLOR. UNIT-TO-UNIT OFFSET TOLERANCE WILL BE 1/16"FROM FLUSH.
7. FILL JOINTS BETWEEN SET PAVERS WITH CLEAN SAND, POUR WATER TO SEP IN AND ADD MORE SAND UNTIL ALL JOINTS ARE FILLED.
8. A 10' X 10' MOCK-UP WILL BE REQUIRED TO DEMONSTRATE WORKMANSHIP QUALITY OF WORK.

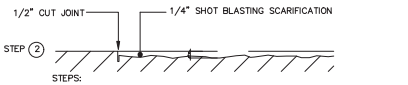


DETAIL
SCALE: NTS
A AS-3.0



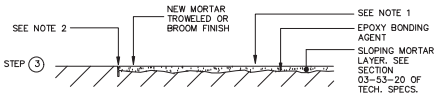
STEPS:

1. SCARIFICATION WILL BE MADE USING A HEAVY-DUTY, SELF-PROPELLED SCARIFIER EQUAL OR SIMILAR TO BLASTRAC MODEL BMP-335 GHY.



STEPS:

2. PRIOR TO PLACING BONDING AGENT, SCARIFIED SURFACE MUST BE CLEANED OF LOOSE PARTICLES AND DUST.



STEPS:

3. APPLY EPOXY BONDING AGENT BONDING AGENT AND MORTAR LAYER REFLECTING AND REPRODUCING ALL CONSTRUCTION JOINTS ON EXISTING SLABS.

STEP BY STEP DETAIL FOR SCARIFICATION OF EXISTING CONCRETE

1 AS-3.0

SCALE: NTS

NOTES:

1- APPLY CONCRETE CURING & SEALING COMPOUND.

2- FILL JOINTS WITH ELASTOMERIC POLYURETHANE SEALANT.

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MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ARCHITECTURAL SITE PLAN

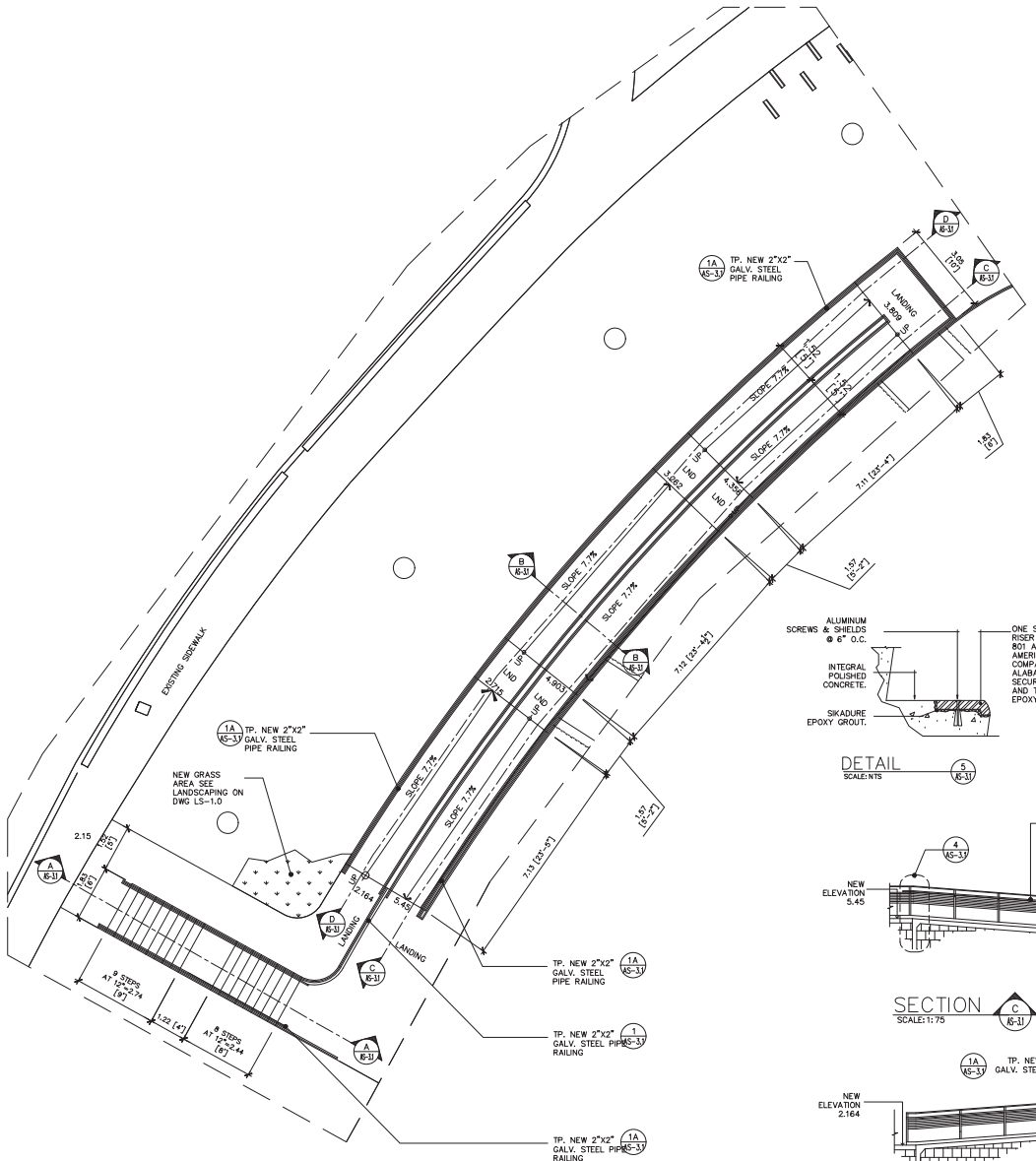
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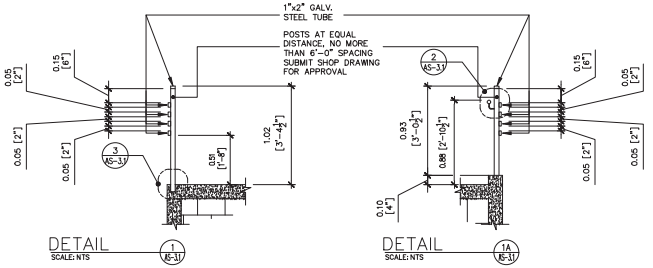
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DRAWING BY/CHECKED BY
J.D. E.B.

NUMBER 16
TOTAL 83

DRAWING NUMBER
AS-3.0

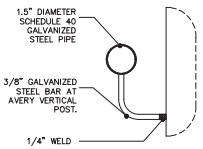


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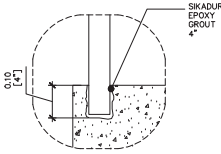


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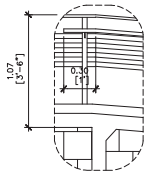
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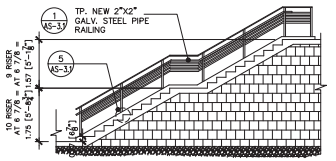


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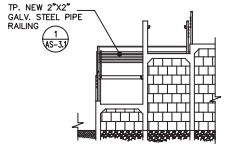


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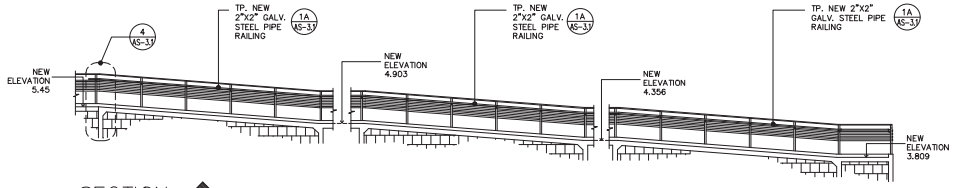
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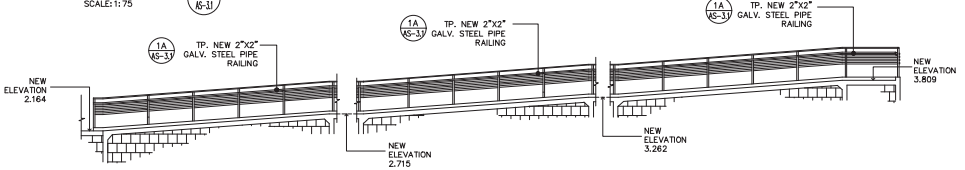
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SECTION B AS-3.1 SCALE: 1: 75



SECTION C AS-3.1 SCALE: 1: 75



SECTION D AS-3.1 SCALE: 1: 75

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DRAWING NAME
ARCHITECTURAL SITE PLAN

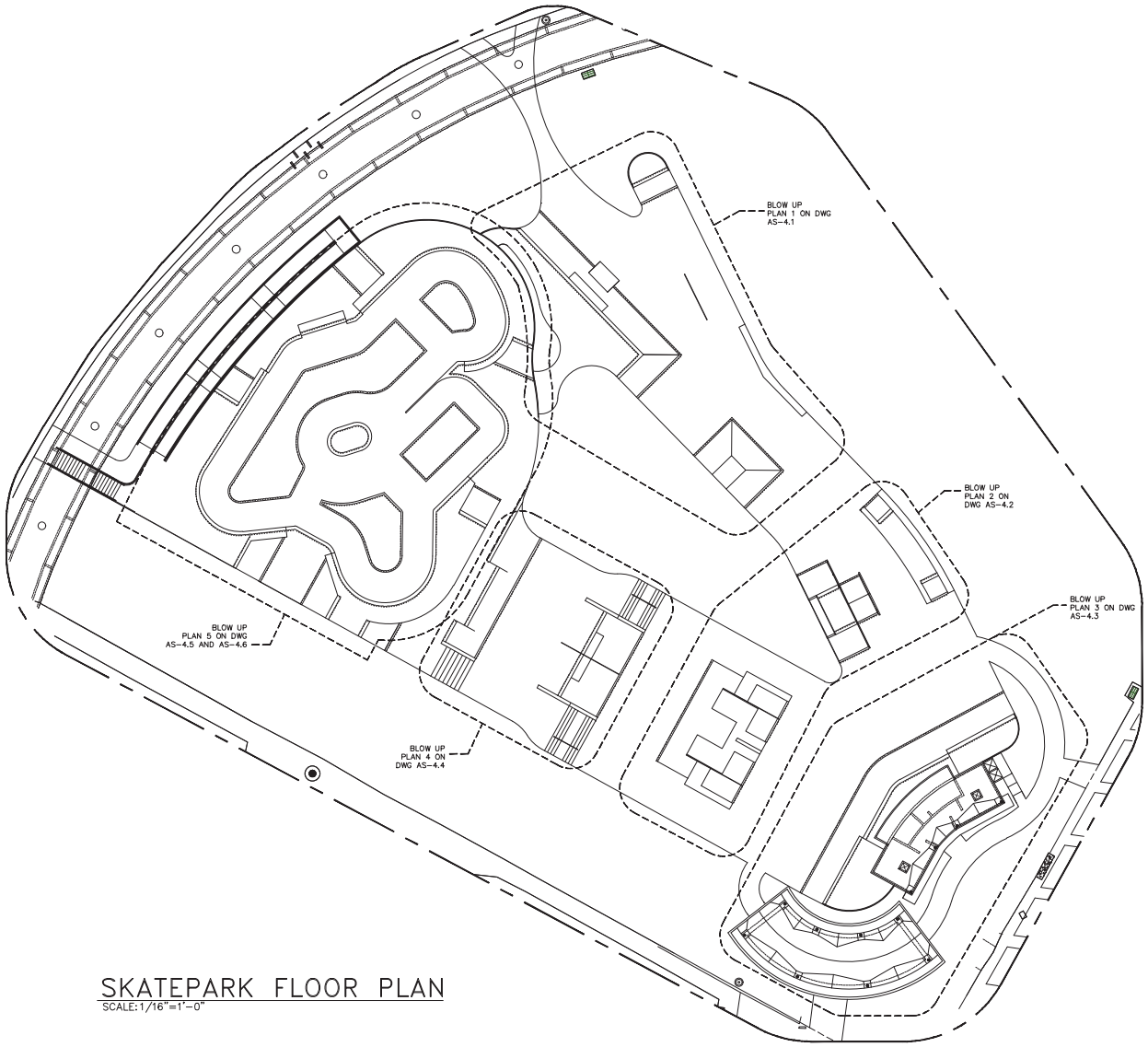
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J.D. E.B.

NUMBER 17 TOTAL 83

DRAWING NUMBER
AS-3.1



SKATEPARK FLOOR PLAN

SCALE: 1/16"=1'-0"

NOTES:

A) CONCRETE FINISHING FOR ALL SKATEPARK SURFACE (SEE SECTION 025210 OF TECH. SPECS)

1. THE FINISHED SURFACE OF ALL CONCRETE SHALL BE HARD TROWELED, SMOOTH FINISH.
2. ALL HORIZONTAL AND VERTICAL EDGES OF CONCRETE SHALL BE HAVE ½" RADII.
3. ALL CONNECTIONS BETWEEN POURS MUST BE ABSOLUTELY FLUSH AND SMOOTH.
4. WETTING OF CONCRETE SURFACE DURING SCREEDING, INITIAL FLOATING, OR FINISHING OPERATION IS PROHIBITED.
5. GRINDING FINISHED CONCRETE TO ACHIEVE THE SPECIFIED FINISHES WILL NOT BE ACCEPTED.

B) SEE SITE GEOMETRY ON DWG C-1

C) SEE ELECTRICAL SITE PLAN ON DWG ES-101.

D) SEE LANDSCAPING ON DWG LS-1.1

E) SEE STRUCTURAL DETAILS ON DWG S-

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DRAWING NAME
SKATE PARK PLAN
ARMAS ELEMENT

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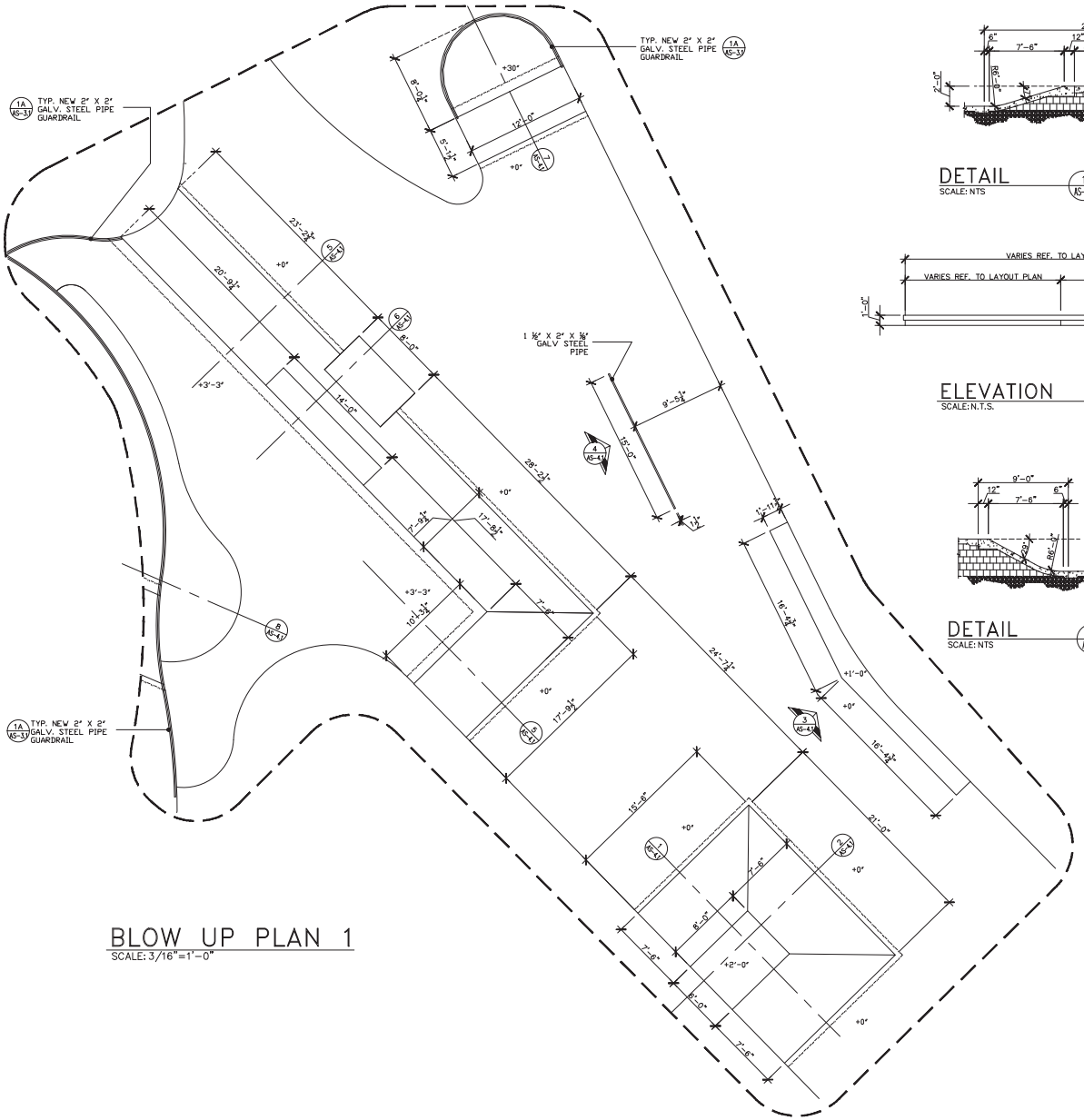
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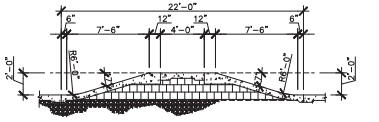
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jdd I.H.

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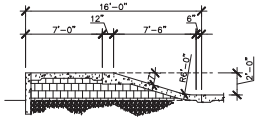
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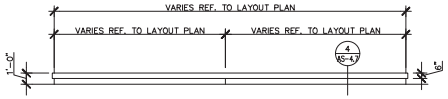
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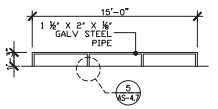
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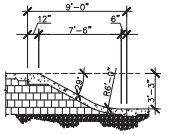
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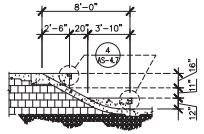
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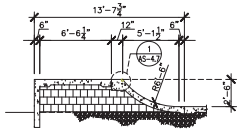
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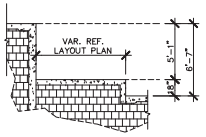
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DETAIL 6
SCALE: NTS



DETAIL 7
SCALE: NTS



DETAIL 8
SCALE: NTS

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DRAWING NAME
SKATE PARK
BLOW-UP 1

COMPUTER PLOT
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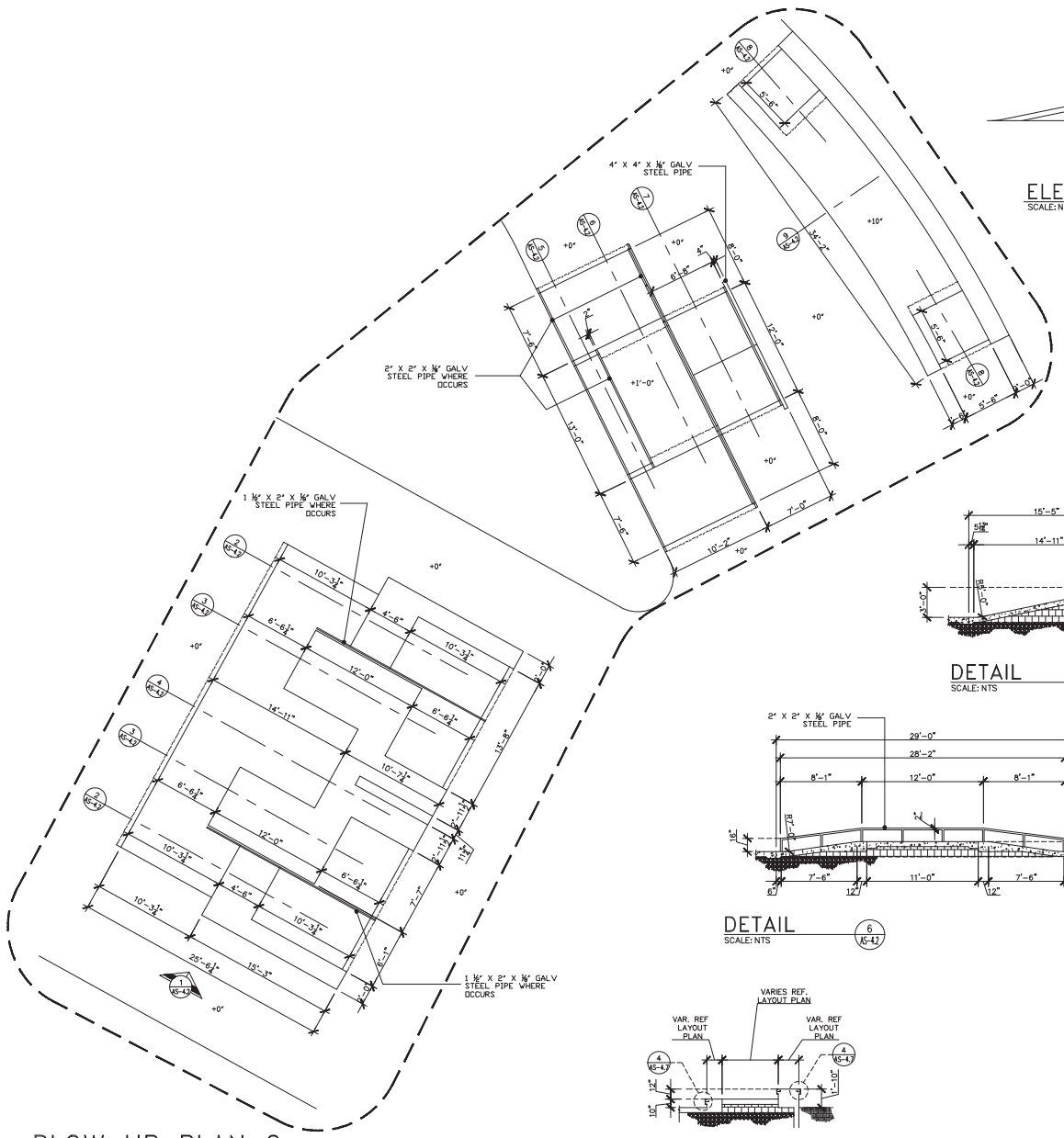
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PROJECT

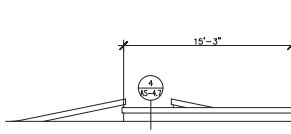
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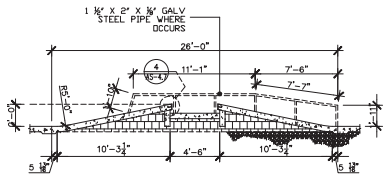
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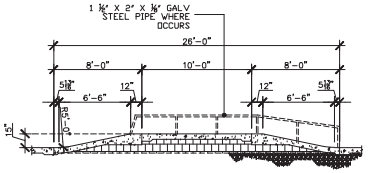
BLOW UP PLAN 2
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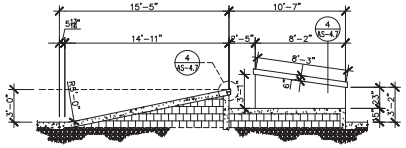
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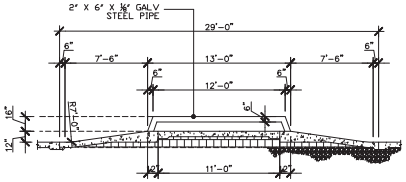
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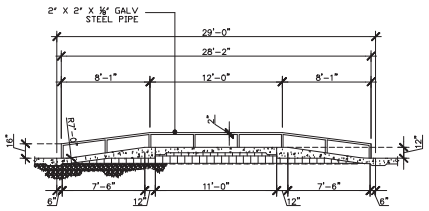
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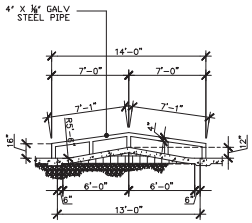
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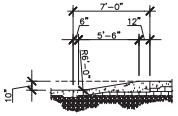
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DETAIL
SCALE: NTS



DETAIL
SCALE: NTS



DETAIL
SCALE: NTS

DETAIL
SCALE: NTS

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 2

COMPUTER PLOT
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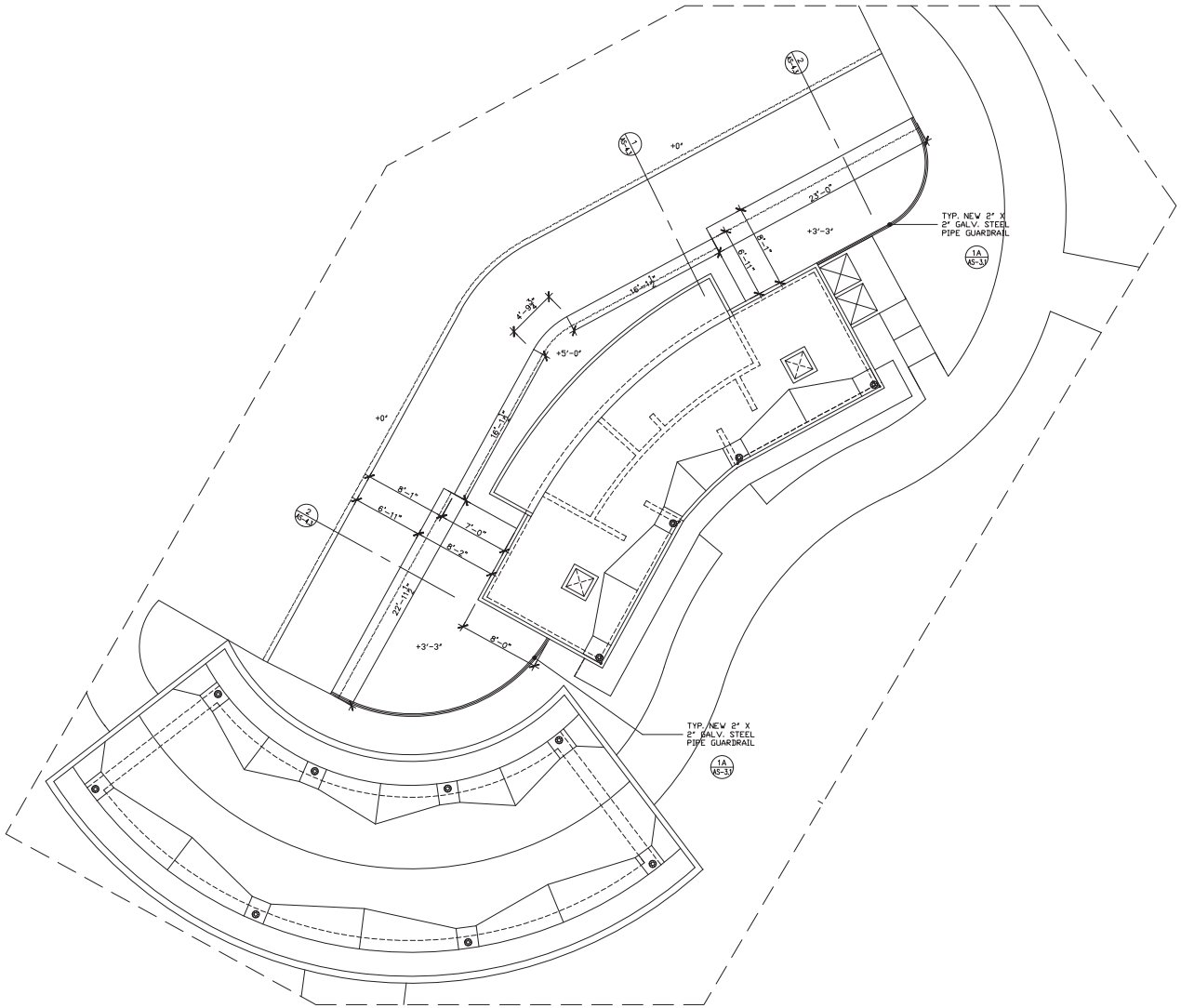
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY	CHECKED BY
jdd	I.H.

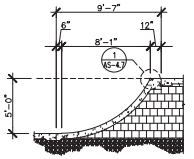
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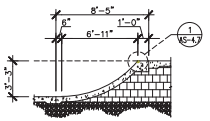
BLOW UP PLAN 3

SCALE: 3/16"=1'-0"



DETAIL 1 / AS-4.3

SCALE: NTS



DETAIL 2 / AS-4.3

SCALE: NTS

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 3

COMPUTER PLOT
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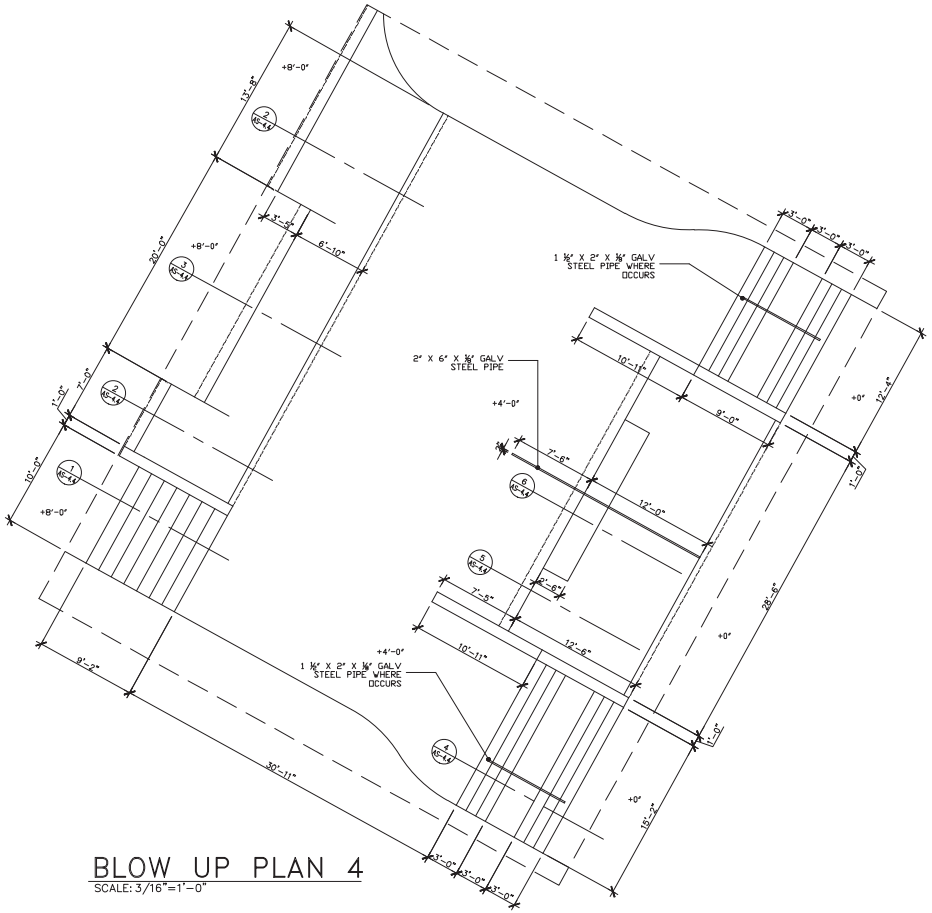
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
jdd I.H.

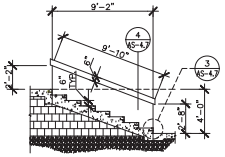
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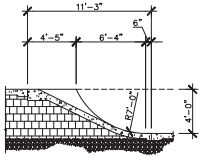


BLOW UP PLAN 4

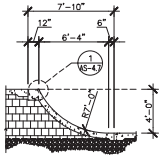
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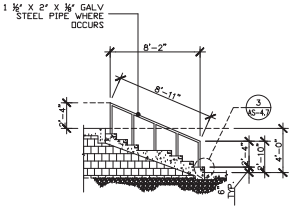
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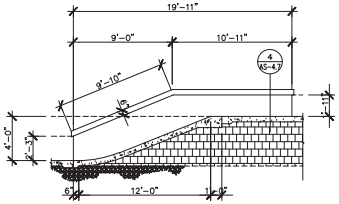
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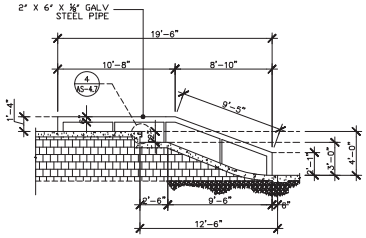
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DETAIL
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4
AS-4.4



DETAIL
SCALE: NTS
5
AS-4.4



DETAIL
SCALE: NTS
6
AS-4.4

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 4

COMPUTER PLOT
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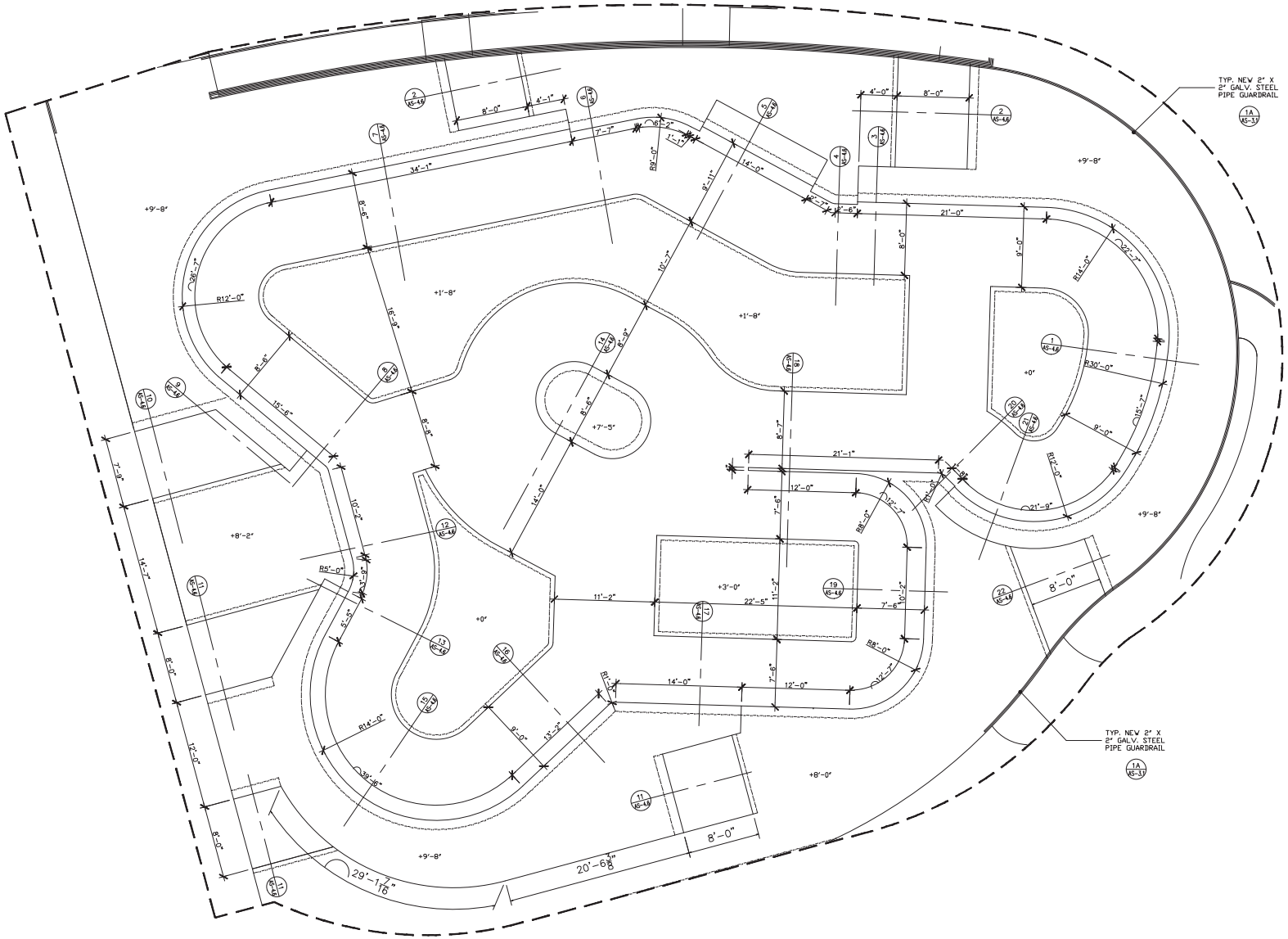
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
jdd I.H.

NUMBER	TOTAL
22	83

DRAWING NUMBER
AS-4.4



BLOW UP PLAN 5

SCALE: 3/16"=1'-0"

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 5

COMPUTER PLOT
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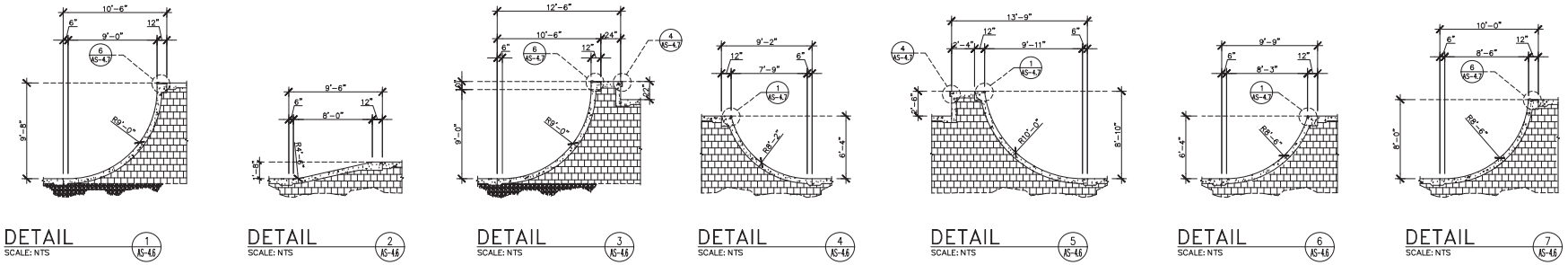
NO.	DATE	REVISION	BY	APPROVED

PROJECT

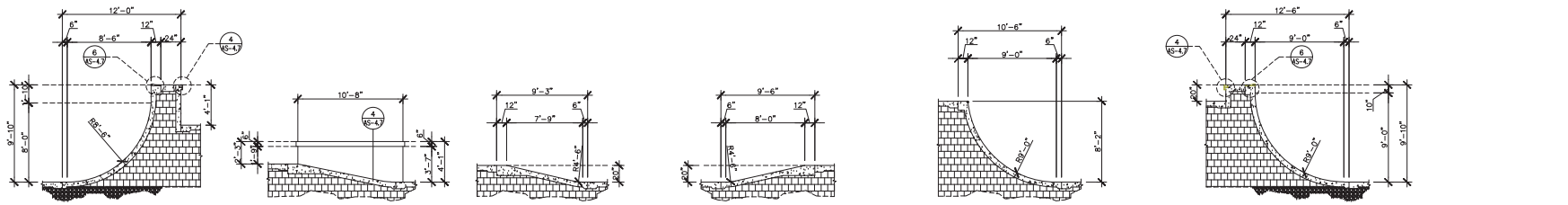
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jdd I.H.

NUMBER	TOTAL
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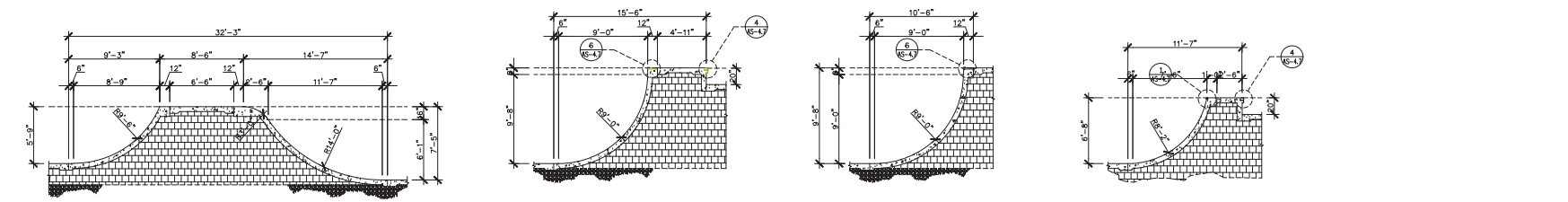
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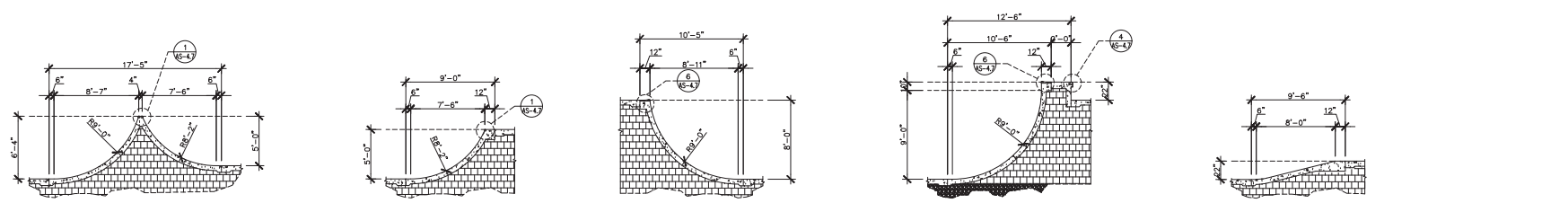
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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 5 SECTION

COMPUTER PLOT
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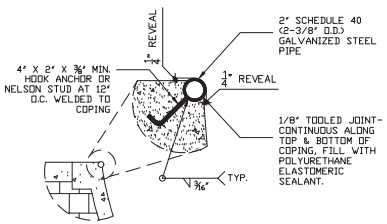
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
jdd I.H.

NUMBER	TOTAL
24	83

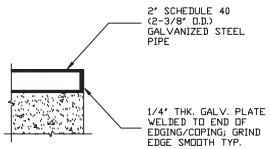
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AS-4.6



TYP. ROUND COPING DETAIL

SCALE: N.T.S.

1 / AS-4.7

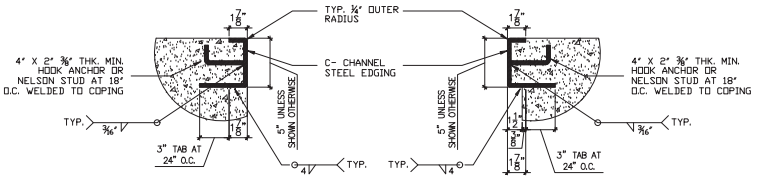


PIPE COPING TERMINATION DETAIL

SCALE: N.T.S.

2 / AS-4.7

NOTE:
WELD & GRIND SMOOTH END CAPS WHERE PIPE ENDS ARE EXPOSED. NO OPEN PIPES, OR CONCRETE FILLED CAPS WILL BE ACCEPTED.



FLUSH C-CHANNEL EDGING DETAIL

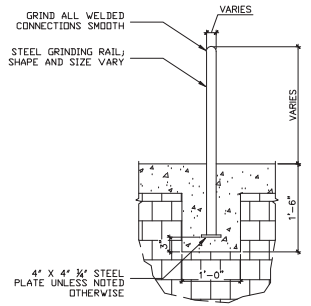
SCALE: N.T.S.

3 / AS-4.7

CANTILEVER C-CHA EDGING DETAIL

SCALE: N.T.S.

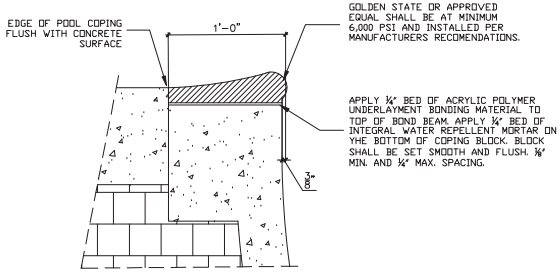
4 / AS-4.7



SKATERAIL/HUBBA FOOTING DETAIL

SCALE: N.T.S.

5 / AS-4.7



POOL COPING DETAIL

SCALE: N.T.S.

6 / AS-4.7

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK DETAILS

COMPUTER PLOT
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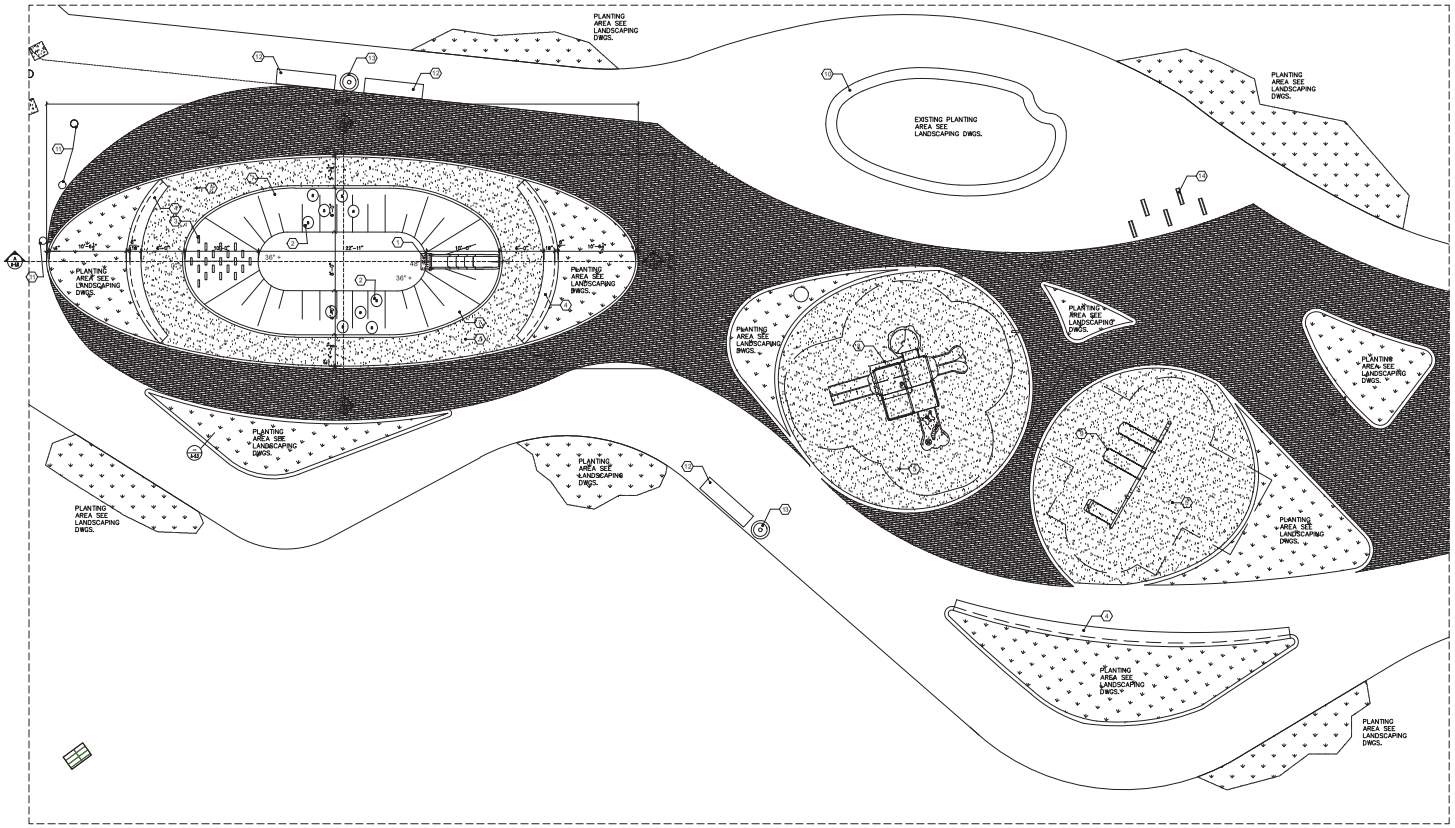
NO.	DATE	REVISION	BY	APPROVED

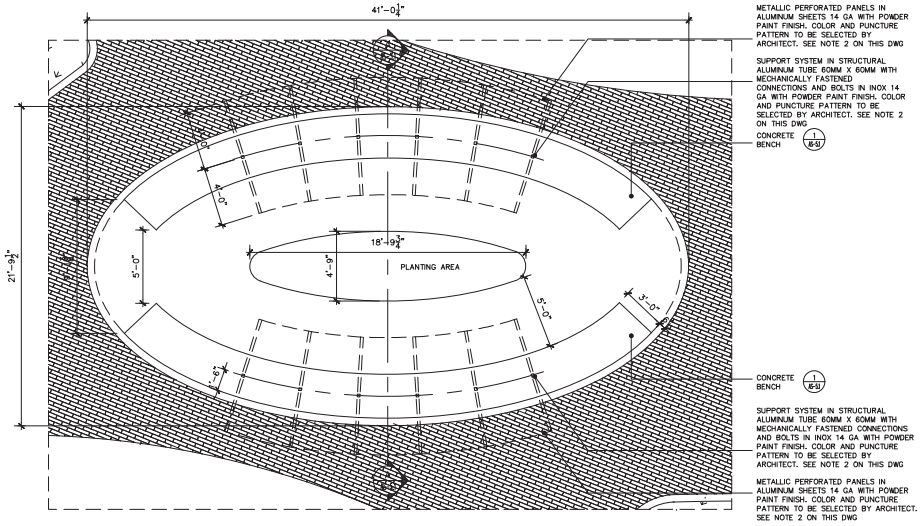
PROJECT

DRAWING BY/CHECKED BY
jdd I.H.

NUMBER	TOTAL
25	83

DRAWING NUMBER
AS-4.7


PLANTING AREA SEE LANDSCAPING DWGS.
EXISTING PLANTING AREA SEE LANDSCAPING DWGS.
PLANTING AREA SEE LANDSCAPING DWGS.
PLANTING AREA SEE LANDSCAPING DWGS.



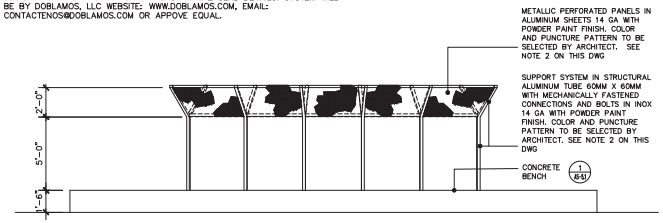
GAZEBOS FLOOR PLAN

1/AS-5.1

SCALE: 1/4"=1'-0"

NOTES:

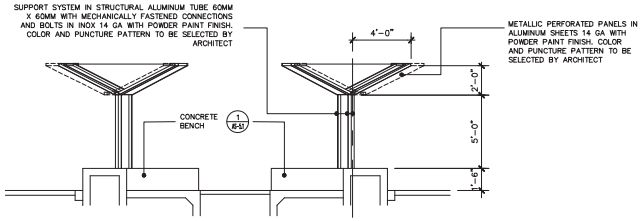
1. SEE LANDSCAPING DWGS.
2. THE PROPOSED SYSTEM WILL BE INCLUDE THE PANEL AND SUPPORT SYSTEM DESIGN WITH THE ANCHORING TO THE CONCRETE SLAB DETAILS. SYSTEM WILL BE BY DOBLAMOS, LLC WEBSITE: WWW.DOBLAMOS.COM, EMAIL: CONTACTENOS@DOBLAMOS.COM OR APPOVE EQUAL.



ELEVATION

1/AS-5.1

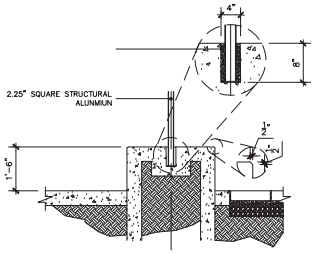
SCALE: 1/4"=1'-0"



SECTION

A/AS-5.1

SCALE: 1/4"=1'-0"



DETAIL

1/AS-5.1

SCALE: NTS

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GAZEBOS FLOOR PLAN

COMPUTER PLOT
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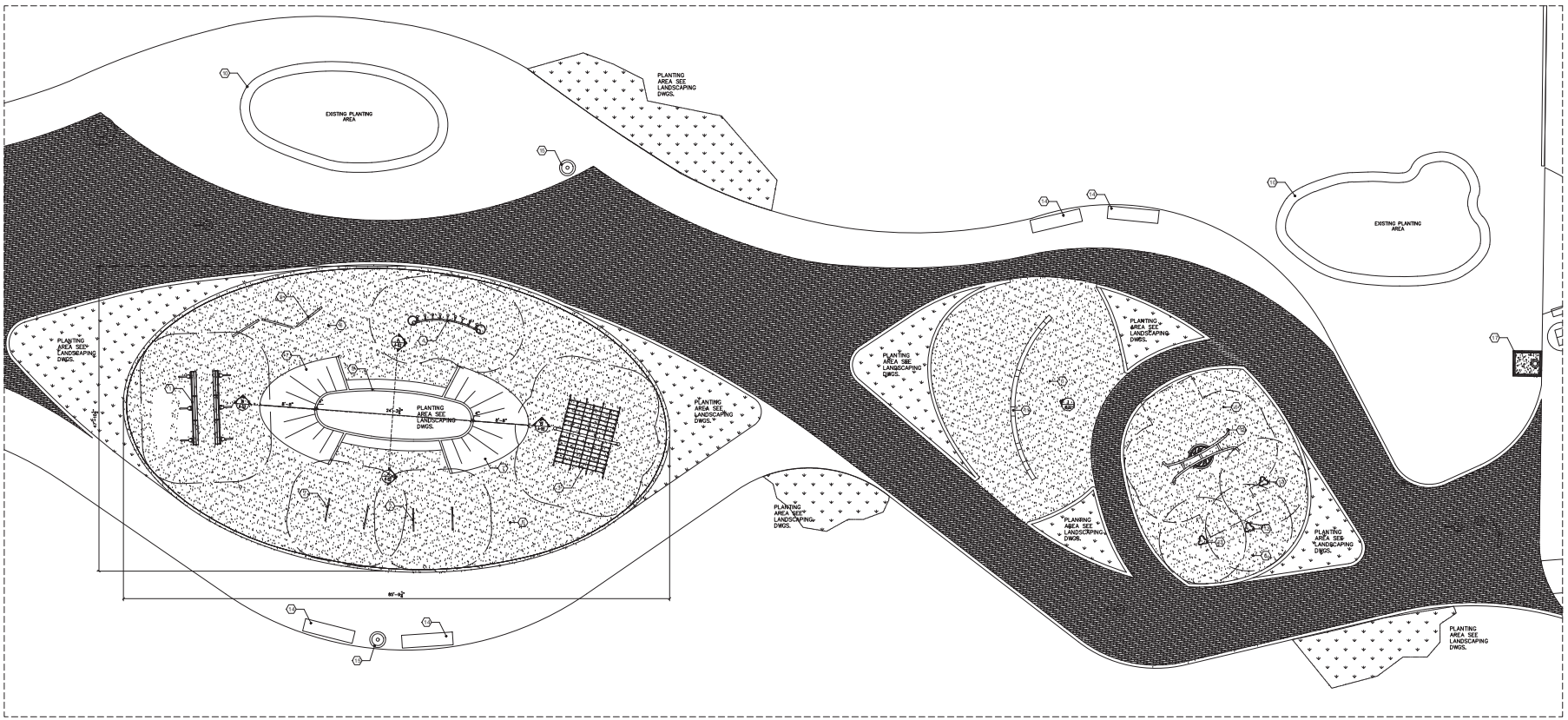
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
27	83

DRAWING NUMBER
AS-5.1



KEY NOTE:

1. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME SPIDERWALK MODEL #244200 BY LANDSCAPE STRUCTURES

2. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME OVER UNDER BARS MODEL #244198 BY LANDSCAPE STRUCTURES

3. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME A-FRAME CARGO NET MODEL #244191 BY LANDSCAPE STRUCTURES

4. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME PEG BRIDGE MODEL #244195 BY LANDSCAPE STRUCTURES

5. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME BALANCE BEAM MODEL #244196 BY LANDSCAPE STRUCTURES

6. PLAY-SURFACE SEE DETAILS ON DWG AS-5.3

7. PLANTED SLOPE SEE LANSCAPING DWG FOR NOTES

8. NEW CONCRETE PLANTER SEE DETAIL ON DWG AS-5.3

9. NEW 3"X 19" X 3 1/8" CONCRETE PAVER SEE DETAILS ON DWG AS-5.3

10. ALL CONCRETE SURFACE ON EXISTING PLANTER SHALL BE WATER PRESSURE CLEANED, SURFACE PREPARED AND PAINTED.

11. NEW CONCRETE WALL SEE DETAILS ON DWG AS-5.3

12. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO ODDLE SWING HDG MODEL #228069 BY LANDSCAPE STRUCTURES

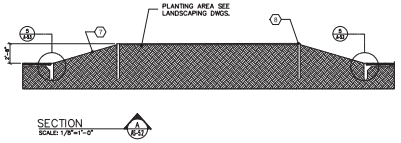
13. 
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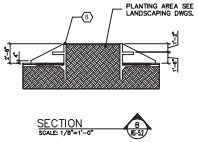
14. NEW CONCRETE BENCH SEE NOTE 1 OF URBAN FURNITURE ON DWG AS-2.0

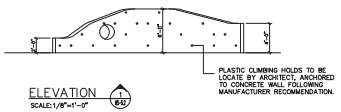
15. NEW CONCRETE TRACH RECEPTACLE SEE NOTE 3 OF URBAN FURNITURE ON DWG AS-2.0

16. NEW SIGNAGE SEE NOTE 4 OF URBAN FURNITURE ON DWG AS-2.0

17. NEW SHOWER SEE NOTE 5 OF URBAN FURNITURE ON DWG AS-2.0







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CLIENT

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLAYGROUNDS BLOW-UPS

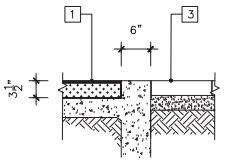
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NO.	DATE	REVISION	BY	APPROVED

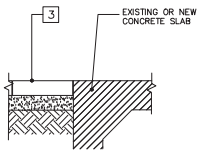
PROJECT
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DRAWING BY/CHECKED BY
-- E.B.

NUMBER	TOTAL
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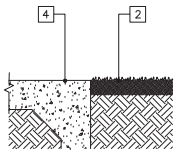
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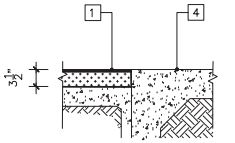
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AS-5.3



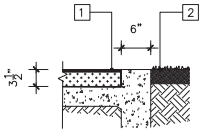
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SCALE: NTS
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AS-5.3



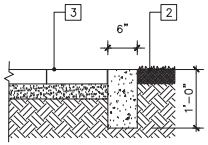
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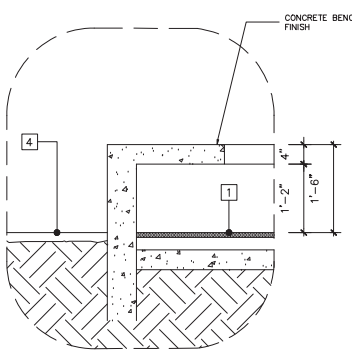
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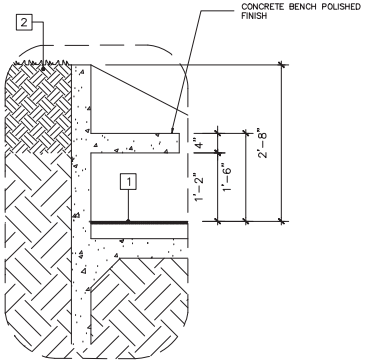
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DETAIL
SCALE: NTS
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AS-5.3



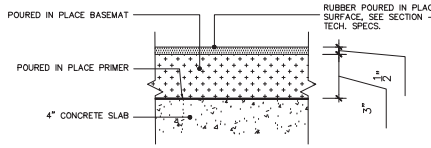
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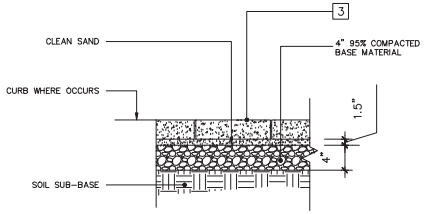
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NOTES/LEGEND

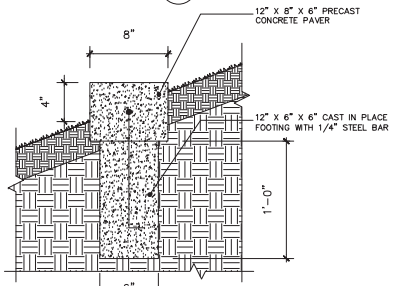
1. RUBBER POURED IN PLACE SURFACE, SEE SECTION –– OF TECH. SPECS AND DETAIL A ON THIS DWG.
2. 3" TOP SOIL SEE LANDSCAPE DWG. FOR NOTES
3. NEW CONCRETE PAVERS EQUAL OR APPROVE EQUAL TO CONCRETE "TABLONCILLO" PAVERS 3"X19"X3½" BY CARMELO,COLOR TO BE SELECTED BY ARCHITECT. SEE SECTION –– OF TECH. SPECS AND DETAIL B ON THIS DWG.
4. CONCRETE SLAB FINISH – TROWELED CONCRETE



DETAIL
SCALE: NTS
A
AS-5.3



DETAIL
SCALE: NTS
B
AS-5.3



DETAIL
SCALE: NTS
C
AS-5.3

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ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO.7390

CONSULTANT'S SEAL

YO, ISTRA HERNANDEZ, ARQUITECTO LICENCIADO #7390, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ O ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y QUE ESTÁN EN CONFORMIDAD CON CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018" MIENTE AL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 34 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN EN LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA, LEY NÚM. 96 DE 8 DE JULIO DE 1978, SEGÚN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN LEGAL Y DISCIPLINARIA POR LA CUAL

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLAYGROUNDS AREA DETAILS

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

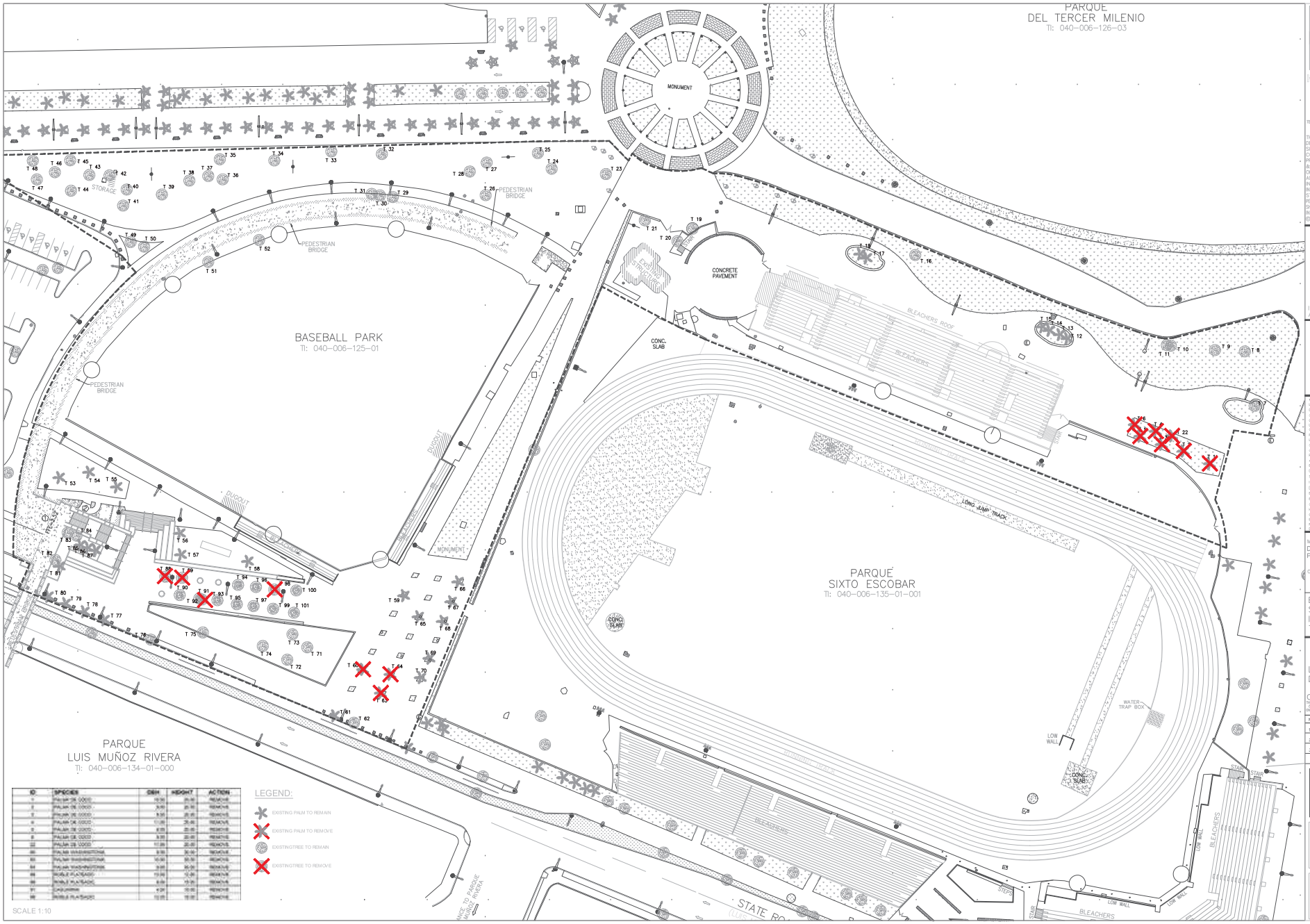
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
29	83

DRAWING NUMBER
AS–5.3



ID	SPECIES	DBH	HEIGHT	ACTION
1	PALMA DE COCO	10.00	25.00	REMOVE
2	PALMA DE COCO	9.00	25.00	REMOVE
3	PALMA DE COCO	9.50	25.00	REMOVE
4	PALMA DE COCO	11.00	25.00	REMOVE
5	PALMA DE COCO	8.00	25.00	REMOVE
6	PALMA DE COCO	9.00	25.00	REMOVE
7	PALMA DE COCO	10.00	25.00	REMOVE
8	PALMA WASHINGTONIA	9.00	30.00	REMOVE
9	PALMA WASHINGTONIA	10.00	30.00	REMOVE
10	PALMA WASHINGTONIA	9.00	30.00	REMOVE
11	PALMA REAL	10.00	30.00	REMOVE
12	PALMA REAL	8.00	15.00	REMOVE
13	CAUCHERA	4.00	10.00	REMOVE
14	PALMA REAL	10.00	15.00	REMOVE

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ARCHITECT'S SEAL

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CONSULTANT'S SEAL

P.O. PINACES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO AL SERVICIO DE QUE SOY LA PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN, CERTIFICO QUE CONTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION CONVENIENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CONFORMIDAD POR PUEBLOS CON LA JURISDICCION Y ESTÁN EN CONFORMIDAD CON CODIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 ® ADOPTADO EL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SY HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA - LEY NÚM. 69 DE 6 JULIO DE 1978, SEGÚN ENMENDADA. SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O OMISIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR EL DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA LEY.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
LANDSCAPE DEMOLITION

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES MADE TO THIS DRAWING AFTER PLOTTING MUST BE MADE ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

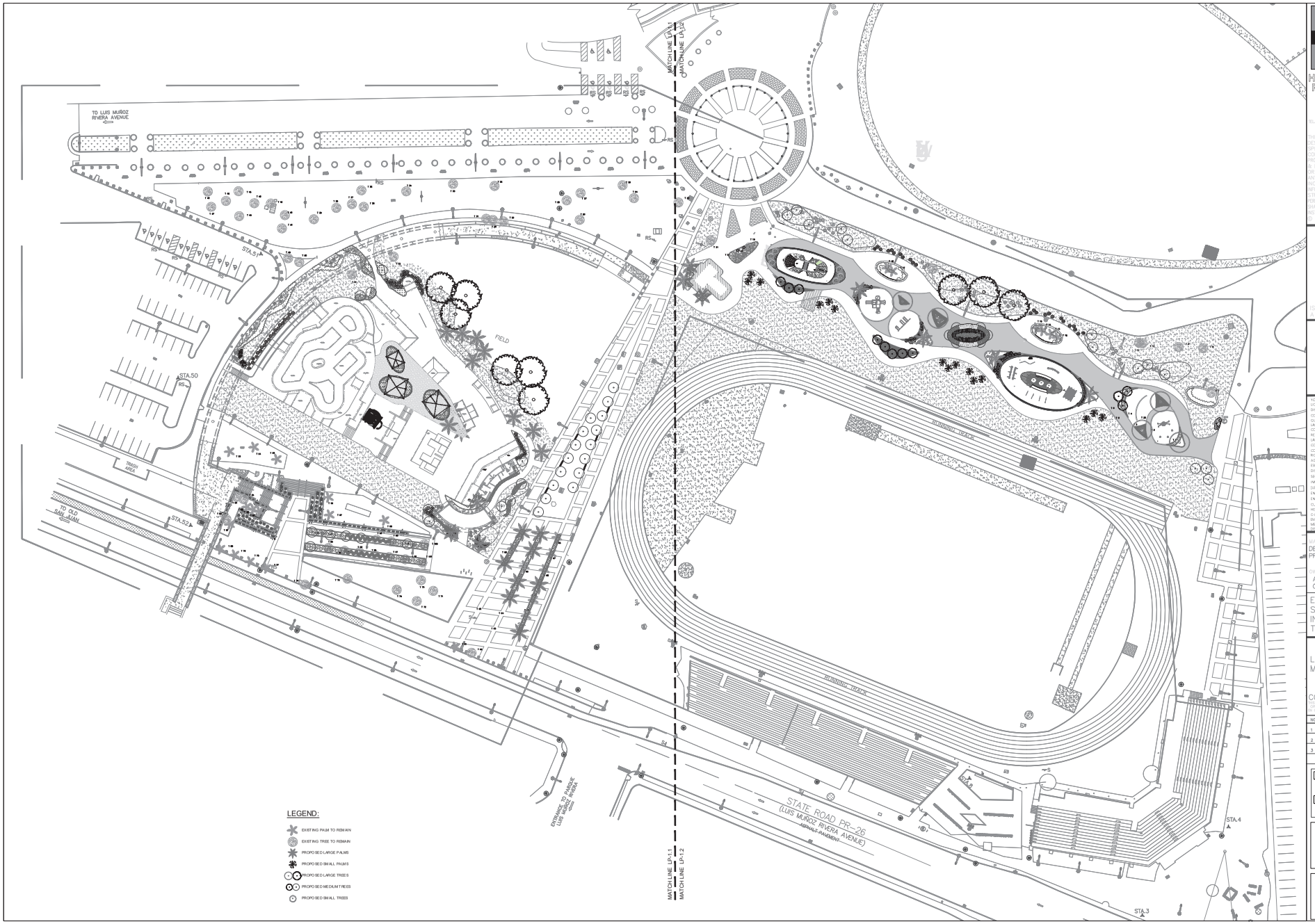
NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FMR	
2	5/12/23	60% DD	FMR	
3	10/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
30	83

DRAWING NUMBER
LD-1.0



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ARCHITECT'S SEAL

ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO. 7288

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YO, FRANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO #53, CERTIFICO QUE SOY LA PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTACIONES Y CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 23 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO FIELMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA FUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1968, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA TAL SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN LEGAL Y DISCIPLINARIA POR LA CUAL

OWNER'S MANAGER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT:
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME:
LANDSCAPE MASTER PLAN

COMPUTER PLOT

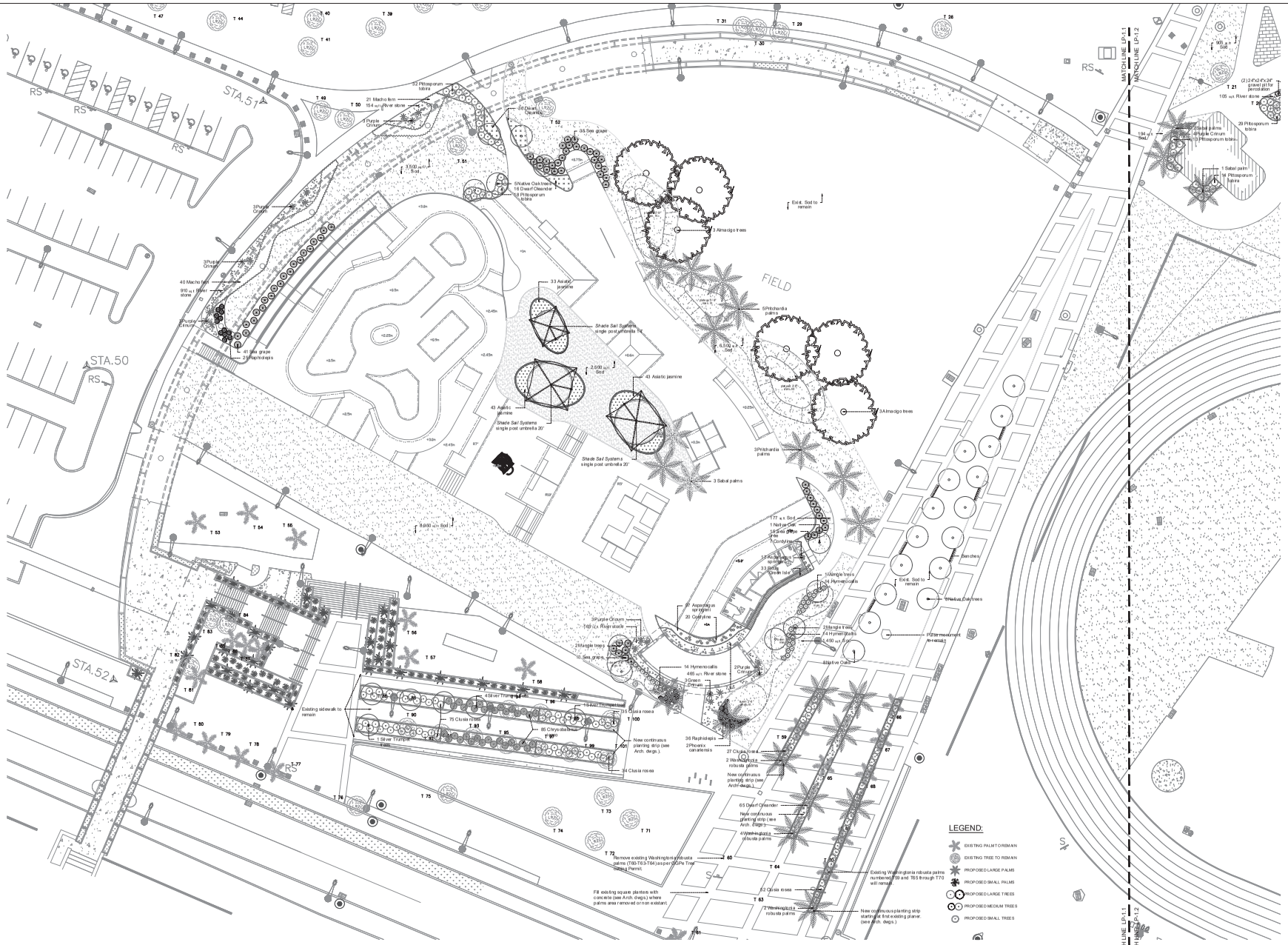
NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FWR	
2	11/12/23	90% DD	FWR	
3	12/26/23	90% DD	FWR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER 31 | TOTAL 83

DRAWING NUMBER
LP-1.0



B
LP-1.1
Landscape Design - Skate park
scale 1"=20'

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ARCHITECT'S SEAL

ISRA HERNANDEZ DE BAUZA
ARCHITECT
LICENSE NO. 17369

CONSULTANT'S SEAL

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CLIENT

MANAGER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
LANDSCAPE PLAN BLOW UP

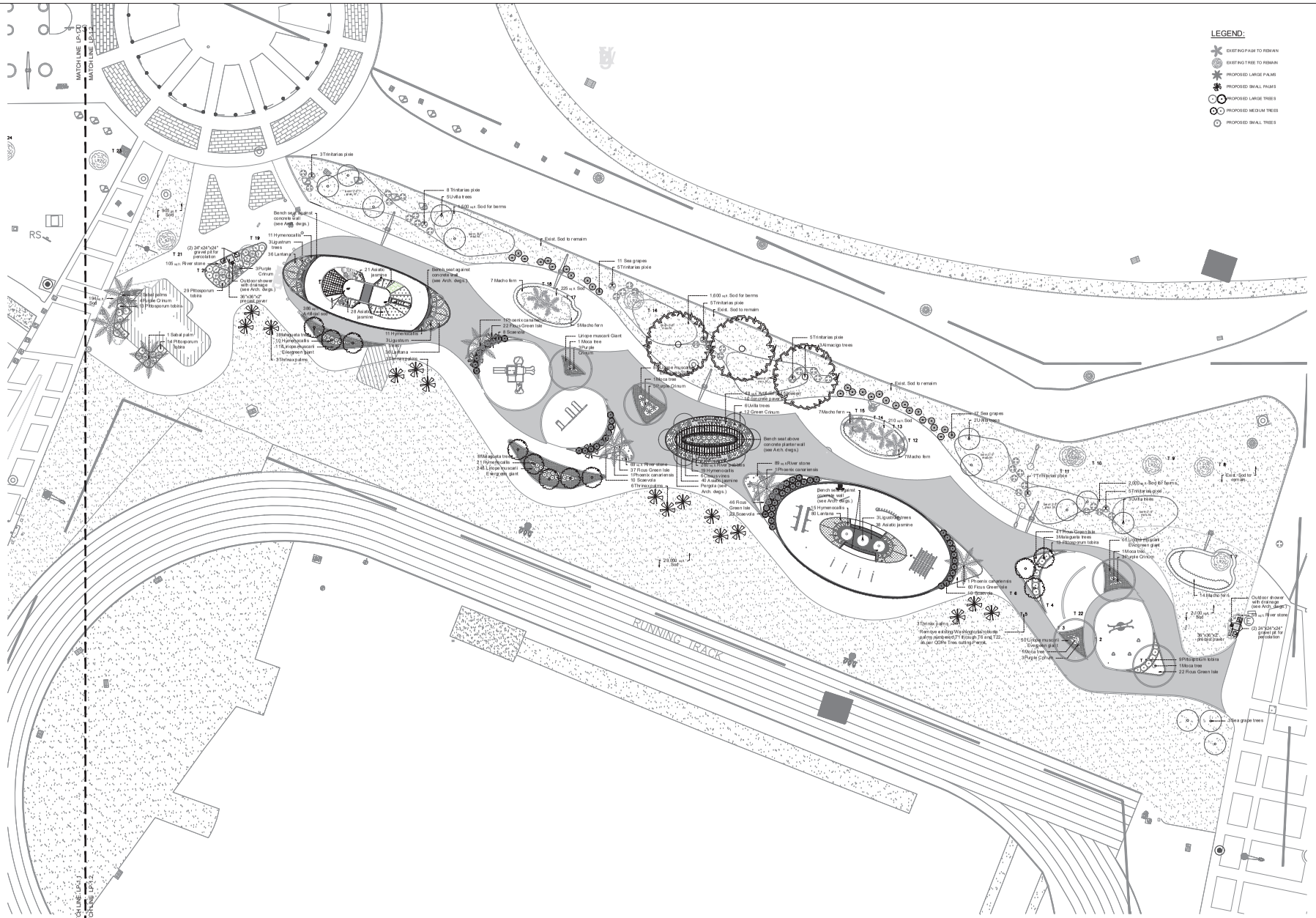
COMPUTER PLOT
ANY CHANGES TO THIS PLOT THAT CAUSE ALL DRAWINGS OR CORRECTIONS MUST BE STRICTLY EXECUTED BY HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FMR	
2	11/12/23	90% DD	FMR	
3	12/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK
DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
32	83

DRAWING NUMBER
LP-1.1



C / LP-1.2 Landscape Design - Children's park
scale 1"=20'

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E-mail: lehcher@hernandez-bauza.com
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ARCHITECT'S SEAL

ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO. 7398

CONSULTANT'S SEAL

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OWNER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT:
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME:
LANDSCAPE PLAN BLOW UP

COMPUTER PLOT
ALL DRAWING NOTES SHALL BE CHECKED AND SHOWN ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED WITH THE APPROVAL FROM OWNER'S REPRESENTATIVE

NO.	DATE	REVISION	BY	APPROVED
1	10/27/22	SCHEMATIC DWGS	FMR	
2	5/12/23	60% DD	FMR	
3	10/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK
DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER 33 | TOTAL 83

DRAWING NUMBER
LP-1.2

LARGE TREES


Almacigo tree


Moca tree

MEDIUM TREES


Malagueta tree


Mangle tree


Native Oak tree


Sea grape tree


Silver Trumpet tree


Uvilla tree

SMALL TREES


Ligustrum tree

LARGE PALMS


Phoenix canariensis


Pritchardia pacifica


Sabal causiarum


Washingtonia robusta

MEDIUM / SMALL PALMS


Leucothrinax morrisii

MEDIUM / SMALL SHRUBS


Asiatic Jasmine


Asparragus springerii


Chrysobalanus icaco


Cissus vine


Clusia rosea


Coccoloba uvifera


Crinum (green)


Crinum (purple)


Dwarf Oleander


Ficus Green Isle


Hymenocallis


Lantana


Liriope muscarii "Evergreen Giant"


Macho fern


Pittosporum


Raphiolepis indica


Scaevola


Trinitaria 'Pixie'

= Native to PR

HERNANDEZ-BAUZA PSC, ARCHITECTS

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ARCHITECT'S SEAL

ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO. 7399

CONSULTANT'S SEAL

YO, FRANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO #53, CERTIFICO QUE SOY LA PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE INTENDO QUE ESTOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 23 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 34 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 519 DE 15 DE MAYO DE 1958, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA POR PARTE MÍA, MI AGENTE O DUPLICADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN LEGAL Y DISCIPLINARIA POR LA OGPE.

OWNER'S MANAGER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT:
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME:
PLANT PICTURES
COMPUTER PLOT

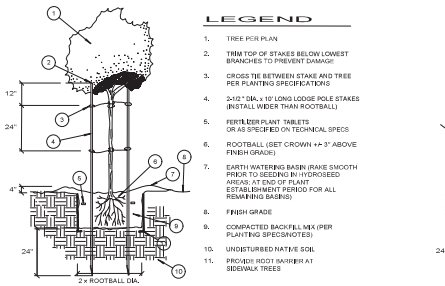
NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FWR	
2	11/12/23	90% DD	FWR	
3	12/26/23	90% DD	FWR	

PROJECT:
ESCAMBRON SKATE PARK

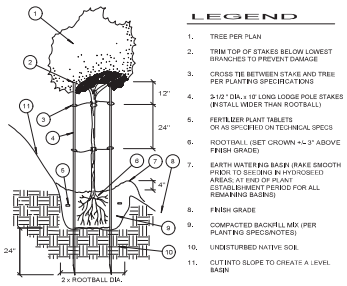
DRAWING BY/CHECKED BY:
F. DE LA ROSA/LG

NUMBER: 34
TOTAL: 83

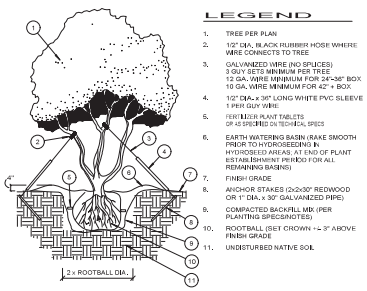
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LP-2.0



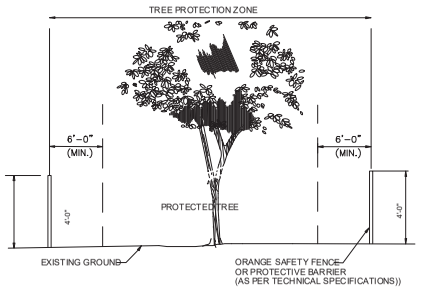
DETAIL A - Tree Planting Detail



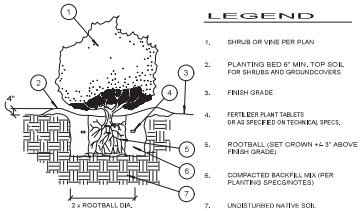
DETAIL B - Tree Planting on Slope Detail



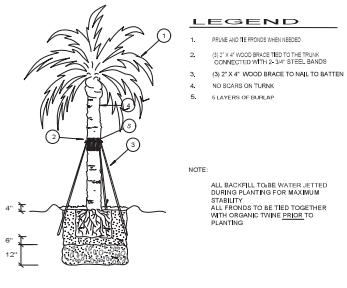
DETAIL C - Large Tree Guying



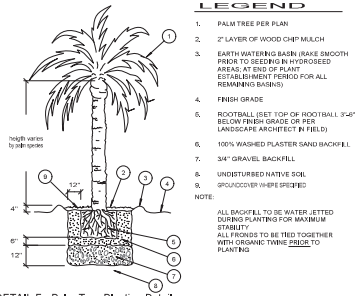
DETAIL G - Existing Tree Protection



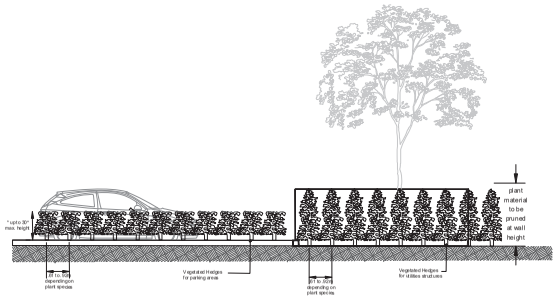
DETAIL D - Shrub Planting Detail



DETAIL E - Palm Tree Guying Detail



DETAIL F - Palm Tree Planting Detail

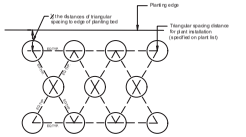


DETAIL H - Typical Hedges less than 30' from road curb

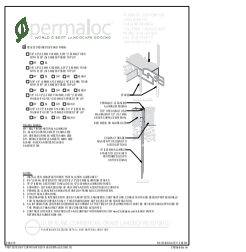
* Any shrub planted at a distance less than 30' from road curb should be maintained at a height no greater than 30".

GENERAL SITE NOTES FOR LANDSCAPE CONSTRUCTION

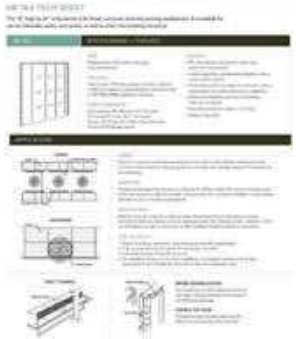
1. CONTRACTOS SHALL VERIFY ALL BASE SITE INFORMATION PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL ASSURE THAT NO DAMAGE IS MADE TO EXISTING UTILITY LINES WHILE EXCAVATING FOR PLANTING MATERIAL. CONTRACTOR MUST VERIFY ALL UP TO DATE AND "AS BUILT" UTILITY PLANS BEFORE EXCAVATING. IF DAMAGE OCCURS, CONTRACTOR IS RESPONSIBLE FOR INFORMING OWNER AND FOR REPAIRING DAMAGE. REFER TO SURVEY SHEETS.
3. REPORT ALL EXISTING DAMAGE OF EXISTING SITE FEATURES AND ELEMENTS TO THE OWNER PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE OCCURING FROM THE LANDSCAPE INSTALLATION PROCESS MUST BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
4. CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES FOR EMPLOYEES AND PUBLIC AT ALL TIMES DURING THE CONSTRUCTION PROCESS AS PER APPLICABLE LOCAL CODES.
5. CONTRACTOR SHALL COORDINATE ACCESS AND STAGING AREA WITH THE OWNER.
6. CONTRACTOR SHALL LAYOUT ALL CONSTRUCTION LINES AND VERIFY THIS LAYOUT AND ALL PLANT AND MATERIAL QUANTITIES WITH THE OWNER'S REPRESENTATIVE AND/OR LANDSCAPE ARCHITECT PRIOR TO THE BEGINNING OF CONSTRUCTION.
7. ALL EXISTING PLANT MATERIAL TO REMAIN SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE NEW CONSTRUCTION SCHEDULE. ALL EXISTING PLANT MATERIAL THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH THE SAME SIZE, QUALITY, AND TYPE OF PLANT MATERIAL THAT WAS DAMAGED
8. REFER TO PLANTING DETAILS AND WRITTEN TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION, DETAILS, AND NOTES.
9. REFER TO PLANS OF THE DIFFERENT AREAS FOR PLANT LISTING WITH SIZES, QUANTITIES, AND VARIETIES REQUIRED FOR THE CONSTRUCTION OF THE LANDSCAPE DESIGN AS SHOWN IN DRAWINGS. ANY CHANGES OR SUBSTITUTIONS NEEDED SHALL BE CLEARED WITH LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. A PLANT MATERIAL LIST IS PROVIDED. IF DISCREPANCIES OCCUR BETWEEN PLANS AND PLANT LIST, PLAN INFORMATION PREVAILS.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEAN UP OF THE WORKING AREAS AND DAILY REMOVAL OF DEBRIS TO AND OFF SITE LOCATION.
11. PILING SOIL AND TRASH SHALL NOT BE DEPOSITED AROUND EXISTING AND NEW PLANTED TREES.
12. TREES SHALL NOT BE PLANTED IN COMPACTED SOIL AREA. WIDTH OF PLANTING HOLE SHALL BE 3 TIMES ROOT BALL DIAMETER IN HIGHLY COMPACTED SOIL.
13. CONTRACTOR SHALL ASSURE PROPER DRAINAGE AND PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION OF PLANT MATERIAL.
14. TO AVOID ROOT PRUNING ON TREES PLANTED, ROOT CONTROL BARRIERS CAN BE USED.
15. IF A ROOT CONTROL SYSTEM IS USED THE CONTRACTOR SHALL CONSULT WITH THE MANUFACTURER FOR THE SELECTED SYSTEM SPECIFICATIONS.
16. RESTORE ALL DISTURBED SURFACES FOLLOWING COMPLETION OF CONSTRUCTION INCLUDING THE REPLACEMENT OF SOD WERE DISTURBED.
17. IF A REFORESTATION PLAN IS NECESSARY (ACP PERMIT), THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACHIEVING A 100% SURVIVAL RATE AT THE END OF A ONE YEAR PERIOD AFTER PLANTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING MONITORING, MAINTENANCE AND CORRECTIVE MEASURES SUCH AS WATERING,FERTILIZING REPLANTING AND/OR REGARDING THE FORE STATION UNTIL AREAS HAVE BEEN ACCEPTED IN WRITING BY CLIENT.
18. FOR MAINTENANCE REQUIREMENTS SEE THE MAINTENANCE SECTION IN THE WRITTEN TECHNICAL SPECIFICATIONS PROVIDED IN ADDITION TO THE PLAN SET.
19. PLANTING AREAS AND PLANTS SHALL BE PROTECTED AT ALL TIMES AGAINST TRESPASSING AND DAMAGE OF ALL KINDS FOR THE DURATION OF THE INSTALLATION AND MAINTENANCE PERIOD. IF A PLANT BECOMES DAMAGED OR INJURED, IT SHALL BE TREATED OR REPLACED AS DIRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST.
20. ALL TREES AND PALMS TO BE RELOCATED SHALL BE MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD, AS MAY BE REQUIRED, AND UNTIL WORK PROGRESS PERMITS PLANTING TO FINAL PROPOSED LOCATION. SPECIMENS DAMAGED SHALL BE SUBSTITUTED BY AN EQUAL TREE. (If applicable)
21. EXISTING TREES TO REMAIN SHALL BE PROTECTED AND MAINTAINED AS PER PLANTING DETAILS AND TECHNICAL SPECIFICATIONS.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR IRRIGATION DURING LANDSCAPE CONSTRUCTION AND MAINTENANCE PERIODS (if applicable), ESPECIALLY DURING DROUGHT PERIODS.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR 100% TREE SURVIVAL DURING INSTALLATION AND MAINTENANCE PERIOD, AND SHALL REPLACE ANY TREES THAT FAIL TO SUBSIST WITH AN EQUAL TREE DURING THE WARRANTY PERIOD AND IF CORRECT MAINTENANCE PRACTICES HAVE BEEN APPLIED.
24. PROVIDE 6" MIN. TOPSOIL BED FOR ALL AREAS TO RECEIVE SHRUBS AND GROUND COVERS AND 4" MIN. FOR ALL AREAS TO RECEIVE SOD UNLESS OTHERWISE STATED IN THE WRITTEN TECHNICAL SPECIFICATIONS.
25. PROVIDE 2" TO 3" CEDAR OR CYPRESS MULCH ON ALL AREAS OF BEDS NOT COVERED BY SOD OR GROUNDCOVER. SEE WRITTEN TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
26. WHERE SPECIFIED, GROUND AREAS NOT PAVED, PLANTED, MULCHED, OR SODDED WILL BE HARDSCAPED WITH THE INDICATED AGGREGATE MATERIAL. SOD AND AGGREGATE QUANTITIES ARE APPROXIMATE AND WILL BE USED ONLY FOR QUOTING PURPOSES. CONTRACTOR MUST RECALCULATE ALL AREAS.
27. ACP PERMIT PLANS (TREE CUTTING AND REFORESTATION PERMIT) ARE SEPARATE FROM LANDSCAPE PLANS. TREES AND PALMS ON LANDSCAPE PLANS ARE PART OF THE REQUIRED REFORESTATION, BUT ADDITIONAL TREES MAY BE NEEDED TO FULFILL PERMIT REQUIREMENT. FOR TREE INVENTORY, INDIVIDUALS TO REMAIN, REMOVE AND/OR TRANSPLANT, AND REFORESTATION PLANS SEE ACP PERMIT PLAN SET.
28. IF TREES AND PALMS SPECIFIED ON LANDSCAPE PLAN ARE ALSO USED AS PART OF THE MITIGATION PLAN, SIZE ON LANDSCAPE PLANS PREVAILS OVER ACP PERMIT PLANS.
29. TREE MITIGATION TO BE UNDERTAKEN OFF-SITE, OUTSIDE LANDSCAPE CONSTRUCTION LIMIT (IF APPLICABLE), MUST BE QUOTED SEPARATELY AND AS 6' TALL SPECIMENS OR AS INDICATED ON ACP PLANS.
30. SOD INSTALLED AT SLOPES GRATER THAN 2:1 MUST BE STAKED.



DETAIL I - Typical triangular spacing for plant beds



DETAIL J - Landscape Edging to separate sod from other plant material



DETAIL K - Root Barrier for Trees and Palms Surrounded by Pavement

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ARCHITECTS SEAL



ESTRA HERNANDEZ DE BAUZA
A R C H I T E C T
License No. 7369

CONSULTANT'S SEAL

PO. FRANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO EN EL DISTRITO QUE SOY LA PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN, CERTIFICO QUE CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 4ª EDICIÓN, AL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1956, SEGÚN ENMENDADA. LEY NÚM. 96 DE 5 DE JULIO DE 1978, SEGÚN ENMENDADA. SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LUGAR.

OWNER

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLANTING DETAILS

COMPUTER PLOT
THE DRAWING WAS CREATED BY A CAD SYSTEM. ALL CHANGES MADE TO THE PLANS MUST BE MADE BY THE CAD SYSTEM. ALL CHANGES MADE TO PLANS CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
1	10/27/22	SCHEMATIC DWGS	FMR	
2	5/12/23	60% DD	FMR	
3	10/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
35	83

DRAWING NUMBER
LP-2.1

ESCAMBRON SKATE PARK

SAN JUAN, PR

LANDSCAPE PLAN SHEET LS-1.1

TYPE	CODE	SCIENTIFIC NAME	COMMON NAME	SPACING	TOTAL	SIZE
TREES						
	Bc	Bucida buceras	ou BRUCIDO / OLIVERO / OLIVO		6	8' x 12 gal / 1.5" cal
	Cb	Coccoloba barbadensis	MAMEDO, BOTIJA / TITTIM, BOTIJO		4	8' x 12 gal / 1.5" cal
	Ta	Tabebuia argentea syn. T. caraiba	ROBLE BLANCO / ou OR, TRUMPET TREE		5	8' x 12 gal / 2.5" cal
	Tc	Tabebuia heterophylla	ROBLE BLANCO / CHERRY, TRUMPET TREE		20	8' / 12 gal / 2.5" cal
PALMS						
	Pm	Phoenix roebelenii ou	DATIL PALM		3	10' cal / 5' grw
	Prg	Roystonea regia	ROYAL PALM		8	25' x x / 10' grw
	Tc	Tabebuia caraiba	ROBLE AMARILLO		5	18', 20', 22' cal
	Wr	Washingtonia robusta	WASHINGTONIA PALM		9	10' cal / 8' grw
SHRUBS						
	Ag	Agapanthus africanus 'Storm Cloud'	AGAPANTO	12" oc	244	3 gal
	Cpe	Clitoria ternatea 'Purple'	CORDON DE MONJO	42" oc	17	1.5 gal
	G	Gardenia jasminoides 'Mini'	JAZMIN MINI / GARDENIA	24" oc	86	3 gal
	Lv	Lantana 'Irene'	LANTANA 'IRENE'	30" oc	223	3 gal
	Ov	Ortosiphon 'Variegata'	COLEUS PLANTA	12" oc	6	1.5 gal
	Of	Ortosiphon stamineus	ORTOSIFON	24" oc	37	3 gal
	Pp	Pennisetum purpureum	CANA PLANTA	36" oc	105	2.5 gal
	Pm	Pilea microphylla	HIERBA PAJARO / HIERBA DE FUEGO	12" oc	91	3 gal
	Pn	Plumeria rubra	FRANGIPANI	15' oc	40	3 gal
	Wm	Washingtonia filifera 'Marsha'	MELOCHO, MALAGACHANDO ESTE	30" oc	40	3 gal
	Yg	Yucca gloriosa 'Gold'	PALO PALMA	4'	117	3 gal
	Fc	Pittosporum crassa	PITOSPORUM	30" oc	69	3 gal
	Ri	Rhaphiolepis indica	RAPHIOLEPIS	24" oc	46	3 gal
	Tcs	Tradescantia pallida 'purpurea'	MORADO, MORADA	12" oc	229	3 gal
MULCH						
	Gm	Gravel, marcella, Marella	GRAVA ZOYA MARELA	1 per sq ft	23877	Canon
GRASS						
CANOPY						
	Vb	Vitex	Vitex	varies	9	3" cal
	Mv	Mulch**	Mulch 3" depth	3" depth	55	sq ft
	Rsg	River stone bed, 1" to 3" stone	Small River Stone bed 4" depth	4" depth	18	sq ft
		Fertilizer	Fertilizer		2	100 lb bag
		Top soil	Top soil over all plants	per planting pit	6	sq ft
		Top soil	Top soil which areas 3" depth	3" depth	49	sq ft
		Top soil *	Top soil with 8 depth	8" depth	218	sq ft
		Mirgolla *	Mirgolla for bare case	varied sizes	8	sq ft
		Road control	Road control	18" depth	8	sq ft
		Weed fabric	Weed fabric	double layer	1388	sq ft
		Tree guard or circle	Tree guard or circle		88	units
		Shade Sail	Shade sail to form single pace, pergola,	unit	4	units
		Tree walking, soil grazing	Tree walking, soil grazing	unit	26	lot
		Palm, making, soil grazing	Palm, making, soil grazing	unit	16	lot
		Tree Removal (12" to 18" in)	Tree Removal	unit	4	unit
		Palm Removal (1' to 3' in)	Palm Removal	unit	5	unit

NOTES:

1. Bloss-control is river stone, if applicable, should be in direct over a double layer of weed control fabric.
2. Top soil, mulch, and fertilizer quantities have been estimated and may vary depending on site conditions and project necessities. Contractor must re-calculate.
3. Root control barrier (as specified on planting details page) must be used wherever trees or palms are enclosed by pavement on all sides. Contractor must identify, estimate, and quote root barrier.

ESCAMBRO N SKATE PARK

SAN JUAN, PR

LANDSCAPE PLAN SHEET LS-1.2

TYPE	CODE	SCIENTIFIC NAME	COMMON NAME	SPACING	TOTAL	SIZE
TREES						
	Bc	Bucida buceras	OLIVE, OLIVO, or BIJE TREE		5	8' x 12 gal / 1.5" cal
	Cb	Coccoloba barbadensis	ou BRUCIDO / OLIVERO / OLIVO		3	8' x 12 gal / 1.5" cal
	Ta	Tabebuia argentea syn. T. caraiba	YELLOW, TRUMPET TREE		18	8' x 12 gal / 2.5" cal
	Tc	Tabebuia heterophylla	ROBLE BLANCO / CHERRY, TRUMPET TREE		8	8' / 12 gal / 2.5" cal
	Tg	Tabebuia rosea syn. T. pentaphylla	COMMON PINK TREE		9	8' x 12 gal / 2.5" cal
	Tr	Terminalia catappa	NAHUAJO, ALMOND / INDIAN TREE		11	8' x 12 gal / 1.5" cal
PALMS						
	Pm	Phoenix roebelenii	DATIL PALM		4	12' cal / 5' grw
	Tc	Tabebuia caraiba	ROBLE BLANCO		3	18', 20', 22' cal
	Wr	Washingtonia robusta	WASHINGTONIA PALM		13	7' cal / 4' grw
SHRUBS						
	Agp	Agapanthus praecox 'Alba'	AGAPANTO	12" oc	66	3 gal
	Cpe	Clitoria ternatea 'Purple'	CORDON DE MONJO	42" oc	51	1.5 gal
	Lcp	Lantana camara 'Irene'	LANTANA 'IRENE'	30" oc	13	3.5 gal
	o	Ornamental grasses	GRAMINEAS VARIAS	12" oc	28	1.5 gal
	Pm	Pilea microphylla	HIERBA PAJARO / HIERBA DE FUEGO	18" oc	229	3 gal
	Sc	Strelitzia reginae	STRELITZIA	18" oc	80	3 gal
	Ti	Tabebuia impetiginosa	LAPACHO AMARILLO / ROSADO	18" oc	154	3 gal
	Lm	Ixiaque maxima ('Evergreen')	LIRIOPE GIGANTE	12" oc	668	1 gal
	Wm	Washingtonia robusta 'Marsha'	MELOCHO, MALAGACHANDO ESTE	30" oc	40	3 gal
	Yf	Yucca filamentosa	BAYONETA	30" oc	78	3 gal
	Yt	Yucca torreyi	BAYONETA	30" oc	85	3 gal
	Tcs	Tradescantia pallida 'purpurea'	MORADO, MORADA	12" oc	327	3 gal
MULCH						
	Gm	Gravel, marcella, Marella	GRAVA ZOYA MARELA	1 per sq ft	37818	Canon
GRASS						
	Cn	Cynodon dactylon 'Tifway'	TIFGUN GRASS	24" oc	6	sq ft
CANOPY						
	Mv	Mulch**	Mulch 3" depth	3" depth	59	sq ft
	Rsg	River stone bed, 3/4" to 1" stone	Small River Stone bed 4" depth	4" depth	2	sq ft
	Rsp	River Stone Pavilion for walking surface (1/4" TO 3/4" STONE)	River stone pavilion 3" depth	3" depth	2	sq ft
	Tcp	Terminalia catappa (Canopy)	Canopy size for drainage	5" depth	1	sq ft
		Fertilizer	Fertilizer		2	100 lb bag
		Top soil	Top soil broadcast plants	per planting pit	3	sq ft
		Top soil	Top soil which areas 3" depth	3" depth	40	sq ft
		Top soil	Top soil with 8 depth	8" depth	257	sq ft
		Mirgolla *	Mirgolla for bare case	varied sizes	6	sq ft
		Road control	Road control	18" depth	8	sq ft
		Weed fabric	Weed fabric	double layer	674	sq ft
		Tree guard or circle	Tree guard or circle		87	units
		Shade Sail	Pre cast, con-site slab	unit	2	units
		Tree walking, soil grazing	Tree walking, soil grazing	unit	43	lot
		Palm, making, soil grazing	Palm, making, soil grazing	unit	22	lot
		Palm Removal (12" to 18" in)	Palm Removal	unit	7	unit

NOTES:

1. Bloss-control is river stone, if applicable, should be in direct over a double layer of weed control fabric.
2. Top soil, mulch, and fertilizer quantities have been estimated and may vary depending on site conditions and project necessities. Contractor must re-calculate.
3. Root control barrier (as specified on planting details page) must be used wherever trees or palms are enclosed by pavement on all sides. Contractor must identify, estimate, and quote root barrier.

HERNANDEZ-BAUZA PSC, ARCHITECTS

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ARCHITECT'S SEAL



ISTRA HERNANDEZ DE BAUZA
A R C H I T E C T LICENSE NUMBER

CONSULTANT'S SEAL

YO, FRANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO AL CASTIGO QUE SOY LA PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION Y QUE ESTÁN EN CONFORMIDAD CON CODIGOS DE CONSTRUCCIÓN DE PUERTO RICO (SEGÚN LA LEY NÚM. 161 DE 23 DE NOVIEMBRE DE 2008, CODIFICADA). ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 119 DE 15 DE MAYO DE 1956, SEGÚN ENMENDADA (LEY NÚM. 69 DE 6 JULIO DE 1978, SEGÚN ENMENDADA). SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA CUAL

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLANT SCHEDULE

COMPUTER PLOT

THIS DRAWING WAS CREATED ON A CAD SYSTEM ALL CHANGES MADE MANUALLY OR ON ANY OTHER CAD SYSTEM WILL NOT BE CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FMR	
2	11/12/23	60% DD	FMR	
3	12/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
36	83

DRAWING NUMBER
LP-2.2

GENERAL NOTES:

1) CONTRACTOR SHALL DISPOSE PROPERLY OF ALL DEBRIS AND SCRAP MATERIAL FROM DEMOLITION WORK ACCORDING TO MUNICIPAL, STATE & FEDERAL REGULATIONS. SEE AND COMPLY AND COMPLY WITH DIVISION 17 FOR HAZARDOUS MATERIALS ABATEMENT REMOVAL & DISPOSAL.

2) CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INFLICTED TO THE PROJECT PROPERTY OR ADJACENT PROPERTIES OR OTHER PROJECT AREAS TO REMAIN DURING THE DEMOLITION AND CONSTRUCTION PHASES. DAMAGED ITEMS SHALL BE RESTORED TO IT'S ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE AND OWNER'S SATISFACTION. DAMAGE TO SUBSTRATE SURFACES DURING REMOVAL PROCEDURES SHALL BE REPAIRED TO OWNER'S SATISFACTION BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.

3) DEMOLITION AND REMOVAL SHALL BE CONDUCTED IN A MANNER THAT ELIMINATES HAZARDS TO PERSONS, THE ENVIRONMENT AND PROPERTY IN THE SURROUNDING AREA. THE CONTRACTOR SHALL PREVENT THE RELEASE OF DUST INTO THE AIR AND SOIL.

4) CONTRACTOR SHALL PROVIDE METAL CONTAINERS OF SUFFICIENT CAPACITY AS TO MAINTAIN THE PROJECT SITE & BUILDINGS FREE OF WASTE AND SCRAP MATERIALS. EVERY AFTERNOON BEFORE FINISHING THE DAY'S WORK HE SHALL COLLECT ALL WASTE MATERIALS AND PLACE THEM IN THE CONTAINERS. AT NO TIME WASTE MATERIAL SHALL BE LEFT UNCOLLECTED FROM ONE DAY TO ANOTHER. ON A MINIMUM WEEKLY BASIS WASTE MATERIALS STORED IN THE METAL CONTAINERS SHALL BE COLLECTED AND DISPOSED OFF ACCORDING TO MUNICIPAL, STATE & FEDERAL REGULATIONS. SEE APPLICABLE DIVISION 17 HAZARDOUS MATERIALS ABATEMENT REQUIREMENTS.

5) THE CONTRACTOR SHALL MAINTAIN STREETS, PARKINGS, SIDEWALKS AND GROUNDS CLEAN AT ALL TIMES. WASHING WITH WATER IS REQUIRED TO PREVENT DUST CONTAMINATION AND HEALTH HAZARDS. WATER CONSUMPTION FOR CLEANING, CAN NOT BE TAKEN FROM PUBLIC FIRE HYDRANTS OR SCHOOL SERVICE.

6) THE CONTRACTOR SHALL SUBMITT, PROCURE AND OBTAIN THE FOLLOWING DOCUMENTS & PERMITS FROM THE ENVIRONMENTAL QUALITY BOARD OF PUERTO RICO IN ORDER TO PROCEED WITH CONTRACT WORK:

A. CONSOLIDATED PERMIT FROM ENVIRONMENTAL QUALITY BOARD
B. SOLID WASTE DISPOSAL (FORM D.S.–3) OR APPLICABLE PER HAZARDOUS OR NON–HAZARDOUS MATERIALS
C. PREPARE AND SUBMITT CES PLAN
D. OTHER REQUIRED BY LAWS AND REGULATION.
E. ANY OTHER REQUIRED PERMIT FOR THE CONTRACT WORK.

NOTE: CONTRACTOR MUST MANTAIN IN FULL FORCE ALL EXISTING PERMITS OBTAINED BY PREVIOUS CONTRACTOR AND / OR SUBMITT AND OBTAIN NEW PERMITS AT HIS OWN COST.

7) THE CONTRACTOR WILL NOTIFY AND OBTAIN PERMIT FROM THE PUBLIC SERVICE COMMISSION PRIOR TO THE EXCAVATION WORK OF THE PROJECT. PERMIT MUST BE SUBMITTED TO THE OWNER AND TO THE PROJECT INSPECTOR BEFORE PROCEEDING WITH ANY EXCAVATION OR DEMOLITION WORK .

8) PRIOR TO PROCEDING WITH LANDSCAPING WORK, CONTRACTOR MUST REQUEST AND OBTAIN FROM THE MUNICIPALITY OF SAN JUAN A PERMIT FOR CUTTING AND PLANTING OF TREES ACCORDING TO THE PLANNING REGULATION NO.25.

9) THE DEMOLITION DRAWINGS ARE INTENDED TO GIVE THE CONTRACTOR A GENERAL SCOPE OF THE DEMOLITION WORK. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL DEMOLITION'S NECESSARY TO PERFORM THE CONSTRUCTION WORK AS DEMONSTRATED IN CONTRACT DRAWINGS AND WRITTEN SPECIFICATIONS, EVEN IF IT IS NOT SPECIFICALLY SHOWN IN THE DEMOLITION DRAWINGS. NO ADDITIONAL COST TO OWNER WILL BE CHARGED FOR DEMOLITION'S NOT SHOWN IN DWGS.

10) UTILITIES AND OR SERVICES (CONSISTING BUT NOT LIMITED TO WATER, SEWER, ELECTRICITY, GAS, CABLE TV, DATA AND TELEPHONE) CAN NOT BE SUSPENDED TO ANY BUILDING OR PROPERTY WHILE CONTRACT WORK IS PERFORMED IN THIS PROJECT. IN ALL SITUATIONS CONTRACTOR SHALL MAKE NECESSARY TEMPORARY CONNECTIONS TO MAINTAIN SERVICES CONNECTED AND OR UTILITIES AT ALL TIME AND AT HIS OWN EXPENSE. PLANNING AND COORDINATION BETWEEN CONTRACTOR AND THE AGENCIES PROVIDING THE UTILITIES AND OR SERVICES ARE HIS SOLE RESPONSIBILITY AND AT HIS OWN COST.

WORK PLAN

THE WORK WILL BE PERFORMED BY A QUALIFIED CONTRACTOR. CONCRETE RECYCLING CAN BE USED ON THIS WORK, BUT NOT ON SITE TO PERFORM ALL DEMOLITION & CONSTRUCTION WORK THE CONTRACTOR WILL ENSURE THE SAFETY OF ITS WORKERS AND OF THE PUBLIC & SURROUNDING AREAS. SAFETY FENCES AND SIGNS WILL BE PROVIDED AS REQUIRED. ALL PERSONNEL WILL USE THE O.S.H.A. REQUIRED PROTECTIVE EQUIPMENT AS REQUIRED BY THE STATE AND FEDERAL REGULATIONS. THE WORK WILL BE PERFORMED FOLLOWING THE STATE AND FEDERAL LAWS CONCERNED AND IN ACCORDANCE WITH THE WORK PLAN.

1) FINAL DISPOSITION OF DEBRIS AND MATERIAL RESULTING FROM DEMOLITION – ALL METALS WILL BE RECYCLED AT APPROVED RECYCLING CENTERS. THE CONTRACTOR WILL TRANSPORT ALL CONCRETE WASTE MATERIAL IN AUTHORIZED TRUCKS AS APPROVED BY "DOT" & THE PUBLIC SERVICE COMMISSION.

2) SAFETY AND HEALTH PLAN – THE CONTRACTOR SHALL PROVIDE A RISK FREE ENVIRONMENT FOR ALL EMPLOYEES AND THEIR SURROUNDING. HE MUST GUARANTEE THE SAFETY AND HEALTH OF ALL EMPLOYEES, SUBCONTRACTORS AND GENERAL PUBLIC SUBMITTING A COMPREHENSIVE SAFETY & HEALTH PLAN FOR A/E APPROVAL.

3) SAFETY MEASURES AND PRECAUTIONS DURING DEMOLITION OR CONSTRUCTION (ALL O.S.H.A. AND E.P.A. UPDATED COMPLIANCES)

A. GENERAL WORK RELATED TO DEMOLITION MUST BE UNDERTAKEN IN CONFORMITY OF THE APPROVED SAFETY PLAN.
B. SAFETY MEETINGS. THE CONTRACTOR WILL PERFORM JOB SITE INSPECTIONS TO CONFIRM ANY POTENTIAL SAFETY HAZARDS. IF A POTENTIAL HAZARD IS FOUND, THE CONTRACTOR. WILL USE THE APPROPRIATE METHODS, EQUIPMENT, DEVICES AND MATERIAL TO ASSURE A SAFE WORKPLACE. SAFETY TOURS AND MEETINGS WILL BE PERFORMED PRIOR TO THE WORK AND WHENEVER NECESSARY TO MAINTAIN A SAFE AND ACCIDENT FREE JOB.
C. THE CONTRACTOR WILL PROVIDE TRAINED AND EXPERIENCED PERSONNEL TO ASSURE A JOB PROPERLY DONE AND SAFE.

D. THE CONTRACTOR WILL BE RESPONSIBLE FOR FIRE PROTECTION IN WORK AND OPERATIONAL AREAS:
   1. NO AREA WILL BE USE FOR THE STORAGE OF COMBUSTIBLE MATERIAL UNLESS IT IS FIRE PROOF
   2. THE CONTRACTOR WILL PROVIDE FIRE EXTINGUISHERS ENTIRE IN THE DEMOLITION OR CONSTRUCTION AREA
   3. ALL HEAVY EQUIPMENT, WELDING MACHINE OR CUTTING EQUIPMENT SHOULD HAVE ITS OWN FIRE EXTINGUISHERS OR HAVE ONE IN A 100 FEET RADIUS FROM IT.
   4. DURING DEMOLITION OR CONSTRUCTION PERIOD FREE ACCESS TO FIRE HYDRANTS, OR OTHER FIRE EXTINGUISHING EQUIPMENT, WILL BE PROVIDED AND MAINTAINED AT ALL TIMES.

E. CLOTHING:
   1. PERSONNEL FROM THE CONTRACTOR WILL BE REQUIRED TO DRESS PROPERLY WHILE PERFORMING THEIR JOB.
   2. EACH WORKER WILL USE APPROPRIATE WORKING SHOES.
   3. PROPER RESPIRATORY PROTECTION WILL BE USE WHEN REQUIRED.
   4. PROPER HAND PROTECTION WILL BE USE WHEN REQUIRED.
   5. PROPER HEARING PROTECTION WILL BE USED IN AREAS WHERE SOUNDS ARE HIGHER THAN 80 DBS.
   6. THE USE OF SAFETY HELMETS IS MANDATORY FOR ALL PERSONNEL ENTERING THE WORKING AREA.
   7. ALL EMPLOYEES WILL WEAR SAFETY BELTS WHEN WORKING TO FEET OR MORE ABOVE THE GROUND OR WHEN WORKING IN A PRECARIOUS POSITION. SAFETY BELTS WILL BE PROPERLY ANCHORED TO FIXED STRUCTURE TO ASSURE THE WORKER SAFETY.
   8. SAFETY GLASSES WITH SIDE SHIELDS WILL BE USED WHENEVER EXPOSED TO FREE PARTICLES.

F. WELDING AND CUTTING
   1. PROTECTIVE SHIELD – WHEN GAS WELDING OR CUTTING IS DONE, ABOVE OR WITHIN A RADIUS OF TEN FEET OF COMBUSTIBLE MATERIAL ABOVE A PLACE WHERE WORKERS ARE EMPLOYED, OR WHERE PERSONS ARE LIKE TO PASS, NON COMBUSTIBLE SHIELD WILL BE INTERPOSED TO PROTECT SUCH MATERIALS OR PERSONS AGAINST SPARKS AND HOT METAL.
   2. GAS AND FUEL DEPOSITS:
      A. FUEL GAS DEPOSITS WILL NOT BE MOVED FROM ONE PLACE TO ANOTHER,NOR WILL THEY BE STORED UNLESS THE CAPS OF SUCH DEPOSITS ARE IN PLACE.
      B. SUITABLE CRADLES WILL BE USED FOR LIFTING OR LOWERING OXYGEN OR FUEL TANKS TO REDUCE TO MINIMUM THE POSSIBILITY OF DROPPING TANKS. ORDINARY ROPE SLINGS WILL NOT BE USED.
      C. TANKS SUPPLYING GAS FOR WELDING OR CUTTING WILL BE LOCATED AT NO GREATER DISTANCE FROM THE WORK AREA THAN NECESSARY FOR SAFETY. SUCH TANKS WILL BE SECURELY FASTENED IN PLACE AND UNLESS UNAVOIDABLE IN UPRIGHT POSITION.
      D. CLOSED SPACES WILL BE VENTILATED PROPERLY WHILE WELDING OR CUTTING IS BEING THEREIN.

G. SIGNS, SIGNALS, BARRICADES
   1. SIGNS, SIGNALS AND BARRICADES WILL BE VISIBLE AT ALL TIMES WHERE A HAZARD EXITS.
   2. PROTECTIVE BARRICADES WILL PROTECT ALL STREETS, ROADS, HIGHWAYS, AND OTHER PUBLIC THOROUGHFARES, WHICH ARE CLOSED TO TRAFFIC, ON WHICH WILL BE PLACED ACCEPTABLE AND HIGHLY VISIBLE WARNING SIGNS.
   3. BARRICADES AND SIGNS WILL BE USED TO MAINTAIN A PROPER AND SAFE WORKING ENVIRONMENT.
   4. CONTRACTOR WILL PROVIDE SAFETY PERSONNEL IN AREAS WHERE DEMOLITION OR CONSTRUCTION WORK IS BEING DONE.

H. HAND AND POWER TOOLS.
   1. ALL HAND AND POWER TOOLS WHETHER FURNISHED BY THE CONTRACTOR OR BY ITS EMPLOYEES, WILL BE MAINTAINED IN SAFE CONDITION.
   2. THE CONTRACTOR WILL NOT ISSUE NOR PERMIT THE USE OF UNSAFE HAND OR POWER TOOLS.
   3. ELECTRICAL POWER TOOLS WILL BE GROUNDED OR DOUBLE INSULATED.
   4. PNEUMATIC POWER TOOLS WILL BE SECURED TO HOSE OR WHIP BY SOME POSITIVE MEANS.
   5. ONLY PROPERLY TRAINED OR EXPERIENCE EMPLOYEES WILL OPERATE POWER – ACTUATED TOOLS.
   6. CYLINDERS WILL BE LABELED AS TO THE NATURE OF THEIR CONTENTS.

I. COMPRESSED GAS CYLINDERS
   1. COMPRESSED GAS CYLINDERS WILL BE SECURED IN AN UPRIGHT POSITION AT ALL TIMES.
   2. WHEN TRANSPORTING, MOVING OR STORING CYLINDERS VALVE PROTECTION CAPS WILL BE IN PLACE AND SECURED.
   3. CYLINDERS WILL BE KEPT AWAY FROM SPARKS, HOT SLAG AND FLAMES, OR BE ADEQUATELY PROTECTED.
   4. CYLINDERS WILL NOT BE PLACED WHERE THEY CAN BECOME PART OF AN ELECTRIC CIRCUIT.
   5. CYLINDERS WILL BE LABELED AS TO THE NATURE OF THEIR CONTENTS.

J. SCAFFOLDS
   1. SCAFFOLDS WILL BE USED IN PRECARIOUS SITUATIONS AND WHEN WORKING ABOVE 10 FEET FROM THE GROUND.
   2. PROPER ANCHORAGE WILL BE USED TO MAINTAIN THE SCAFFOLD AND WORKERS SAFETY.
   3. WORKERS WILL USED THE APPROPRIATE SAFETY BELTS WHEN WORKING ON SCAFFOLDS.
   4. MOBILE SCAFFOLD CASTERS WILL BE SECURED AND LOCKED PRIOR TO MOUNTING.
   5. NO PERSONNEL WILL BE ON A MOBILE SCAFFOLD WHEN IT IS BEING RELOCATED.

K. CRANES AND DERRICKS
   1. ALL CRANES AND DERRICKS WILL BE CERTIFIED AS BEING IN SAFE OPERATING CONDITION PRIOR TO USING THE CRANE OR DERRICK ON THE JOB SITE.
   2. THE CRANE OR DERRICKS WILL HAVE PROPER SAFETY EQUIPMENT AND CERTIFICATIONS FOR THE PROPER USE OF IT.
   3. TRAINED, EXPERIENCED AND QUALIFIED OPERATORS WILL BE USED DEPENDING OF THE SPECIFIC MAKE AND MODEL OF THE CRANE.
   4. THE MANUFACTURE'S OPERATION MANUAL SHALL BE KEPT WITH THE CRANE WHILE IT IS ONSITE.

L. LADDERS
   1. THE USE OF LADDERS WITH BROKEN OR MISSING RUNGS OR STEPS, BROKEN OR SPLIT RAILS OR OTHER DEFECTIVE CONSTRUCTION IS PROHIBITED.
   2 LADDERS WILL EXTEND NO LESS THAN 36 INCHES ABOVE LANDING AND BE SECURED TO PREVENT DISPLACEMENT.
   3. PORTABLE LADDERS WILL BE EQUIPPED WITH SAFETY SHOES.
   4. WOODEN LADDERS WILL NOT BE PAINTED.

M. EQUIPMENT AND MOTOR VEHICLES
   1. ALL EQUIPMENT WILL BE INSPECTED DAILY BEFORE USE.
   2. DEFECTIVE EQUIPMENT WILL BE REPAIRED OR REMOVED FROM SERVICE.

N. DEMOLITION
   1. PROPER DEMOLITION PROCEDURES WILL BE PERFORMED DEPENDING OF THE ITEM TO BE DEMOLISHED.
   2. A DEMOLITION PLAN WILL BE DONE EXPLAINING THE PROCEDURE TO BE USED PRIOR TO THE BEGINNING OF THE WORK.
   3. THE DEMOLITION PLAN WILL INCLUDE THE PROCEDURE REGARDING DUST CONTROL AND DEBRIS REMOVAL ON JOB SITE.

O. DISPOSAL OF WASTE
   1. WASTE MATERIAL, DEBRIS AND RUBBISH WILL NOT BE STORED NOR ALLOWED TO ACCUMULATE WITHIN THE WORK AREA OR IN THE IMMEDIATE VICINITY BUT WILL BE REMOVED FROM THE PREMISES EACH DAY.
   2. STEEL, ALUMINUM AND COPPER WILL BE RECYCLED.
   3. CONCRETE WILL BE RECYCLED WITHOUT ADDITIONAL COST TO OWNER.
   4. ALL OTHER NON–RECYCLABLE MATERIALS WILL BE SENT TO A LAND FILL YARD APPROVED BY THE LOCAL AND STATE LAWS AND REGULATIONS.

5) FIRST AID AND MEDICAL PROCEDURES
A. FIRST AID (MINOR CUTS, SCRATCHES, BRUISES, ETC.)
   1. EACH OCCUPATIONAL ILLNESS OR INJURY WILL BE REPORTED IMMEDIATELY BY THE EMPLOYEE TO THE FOREMAN.
   2. ALL PERSONAL INJURIES AND ILLNESSES (JOB RELATED) TREATED OR REPORTED (ACTUAL OR ALLEGED) WILL BE RECORDED ON DAILY FIRST AID LOG.
   3. FOREMAN OR FIRST AID ATTENDANT WILL TREAT THE INJURED EMPLOYEE AS OFTEN AS NECESSARY TO ENSURE COMPLETE RECOVERY, OR THE DECISION IS MADE TO SEEK MEDICAL TREATMENT.

B. MEDICAL CASES (NOT REQUIRING AMBULANCE SERVICE)
   1. MEDICAL CASES NORMALLY NOT REQUIRING AMBULANCE SERVICES ARE INJURIES SUCH AS MINOR LACERATIONS, EMBEDDED FOREIGN BODIES IN EYE, MINOR SPRAINS, ETC.
   2. THE CONTRACTOR WILL PROVIDE PROPER EQUIPMENT FOR PROMPT TRANSPORTATION OF THE INJURED PERSON TO A PHYSICIAN OR HOSPITAL.

C. EMERGENCY CASES (REQUIRING AMBULANCE SERVICES)
   1. MEDICAL CASES REQUIRING AMBULANCE SERVICES WILL BE SUCH CASES AS SEVERE HEAD INJURIES, AMPUTATIONS, HEART ATTACKS, ETC.
   2. SHOULD AMBULANCE SERVICES BE NECESSARY THE FOLLOWING PROCEDURES WILL BE TAKEN IMMEDIATELY:
      A. CONTACT EMPLOYEE TRAINED IN FIRST AID.
      B. WHILE FIRST AID IS BEING ADMINISTERED CONTACT NECESSARY AMBULANCE SERVICE.
      C. WHILE THE INJURED EMPLOYEE IS BEING TRANSPORTED, THE CONTRACTOR WILL CONTACT THE MEDICAL FACILITY TO BE UTILIZED.
      D. ONE DESIGNATE REPRESENTATIVE WILL ACCOMPANY THE INJURED EMPLOYEE TO THE MEDICAL FACILITY AND REMAIN AT THE FACILITY UNTIL FINAL DIAGNOSIS AND OTHER RELEVANT INFORMATION IS OBTAINED.

GENERAL PROCEDURES:

1. THE CONTRACTOR SHALL EXECUTE AND CERTIFY A THOROUGH VISIT TO THE PROJECT SITE AND BUILDINGS, AND TO FAMILIARIZE WITH ALL THE CONSTRUCTION WORK BEFORE ATTENDING THE PRE–BID MEETING.

2. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGES INFLICTED TO THE OWNER'S OR NEIGHBOR PROPERTY OR OTHER AREAS DURING THE EXECUTION OF THE WORK. HE SHALL REPAIR ANY DAMAGES AT HIS OWN EXPENSE TO OWNER'S SATISFACTION

3. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT ALL SHOP DRAWINGS, PRODUCT LITERATURE AND SAMPLES FOR APPROVAL PRIOR TO COMMENCEMENT OF THE WORK AND NO LATER THAN 90 CALENDAR DAYS AFTER ORDER TO PROCEED. NO SUBSTITUTIONS REQUEST OF MATERIALS WILL BE CONSIDERED WHEN NON–COMPLIANCE OF SUBMITTAL'S DELIVERY TIME IS CAUSING SUCH SUBSTITUTION REQUEST.

4. DRAWINGS ARE NOT TO BE SCALED: SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.

5. ALL MATERIALS AND CONSTRUCTION METHODS USED MUST COMPLY WITH ALL GOVERNING REGULATIONS AS SET FORTH BY THE PUERTO RICO PLANNING BOARD, AND ALL OTHER CONCERNED REGULATORY AGENCIES AND CODES.

6. NEW CONSTRUCTION INCLUDING CONCRETE, MASONRY WOOD, PLASTER, DOORS, FRAMES, AND MISCELLANEOUS UNFINISHED METALS (OTHER THAN STAINLESS STEEL) SHALL BE PAINTED UNLESS OTHERWISE CLEARLY INDICATED ON DRAWING.

7. ALL WOOD MATERIAL WEATHER SOLID OR PLYWOOD SHALL BE PRESSURE TREATED AND KILN DRIED IN ACCORDANCE WITH SPECIFICATIONS.

8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING FIELD CONDITIONS PRIOR TO ACTUAL CONSTRUCTION OR INSTALLATION. IN CASE OF ANY DISCREPANCY WITH THE CONSTRUCTION DOCUMENTS, OR DOUBTS AS TO THE INTERPRETATION OF SAID DOCUMENTS, THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED AND CONSULTED FOR CLARIFICATION PRIOR TO CONSTRUCTION OR INSTALLATION.

9. WHERE QUANTITY OF MATERIALS ARE SHOWN IN CONSTRUCTION DRAWINGS AND OR WRITTEN SPECIFICATIONS, SUCH NUMBER SHALL NOT BE TAKEN AS THE DETERMINED QUANTITY NEEDED FOR THE CONSTRUCTION CONTRACT. THE CONTRACTOR SHALL PROVIDE AND INSTALL THE AMOUNT OF MATERIALS AND/OR EQUIPMENT'S NEEDED TO COMPLETE AND PLACE IN OPERATION ALL THE WORK SHOWN IN THE CONSTRUCTION DRAWINGS AND WRITTEN SPECIFICATIONS, WITHOUT ADDITIONAL COST TO THE OWNER.

10. BEFORE PAINTING WORK, CLEAN FUNGUS AND DARK SPOTS IN WALLS AND CEILINGS WITH AN INDUSTRIAL CHLORINE SOLUTION. (NO METHYLENE–CHLORIDE CONTAINING)

11. REPAIR ALL CRACKS, SCRAPE, PATCH AND/OR REMOVE EXISTING IMPERFECTIONS IN ALL EXTERIOR CEMENT PLASTER WALLS. USE CONCRETE REHABILITATION PRODUCTS EQUAL OR SIMILAR TO TAMS INDUSTRIES, CO., "TAMS THIN PATCH" (PUERTO RICO WIRE PRODUCTS, INC.). FOR CORRECTION OF UNEVEN FINISHES IN EXITING WALLS.

12. APPLY A HIGH QUALITY SURFACE CONDITIONER AT ALL INTERIOR / EXTERIOR CEMENT PLASTER WALLS & CEILINGS BEFORE PAINTING. REFER TO SPECIFICATIONS.

13. PAINT ALL EXTERIOR CEMENT PLASTER SURFACES, FRAMES, DOORS, WINDOW, ETC. AS SPECIFIED. COLORS TO BE SELECTED BY ARCHITECT AS INDICATED IN TECHNICAL SPECIFICATIONS. (NO LEAD–BASED PAINT SHALL BE UTILIZED IN THIS PROJECT.

14. AFTER CONSTRUCTION WORK IS FINISHED THE WHOLE PROJECT SHALL BE PAINTED ACCORDING TO SPECIFICATIONS.

METAL WORK

1. ALL METAL TUBES SHALL BE ELECTRO GALVANIZED STEEL, WELDED.

2. ALL METALS SHALL BE PAINTED ACCORDING TO SECTION 099600 "HIGH PERFORMANCE COATING" OF TECH. SPECS.

3. CONTRACTOR SHALL SUBMIT SHOP–DRAWINGS OF ALL METAL WORKS PRIOR TO FABRICATION FOR ARCHITECTS APPROVAL.

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CLIENT

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DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GENARAL NOTES

COMPUTER PLOT
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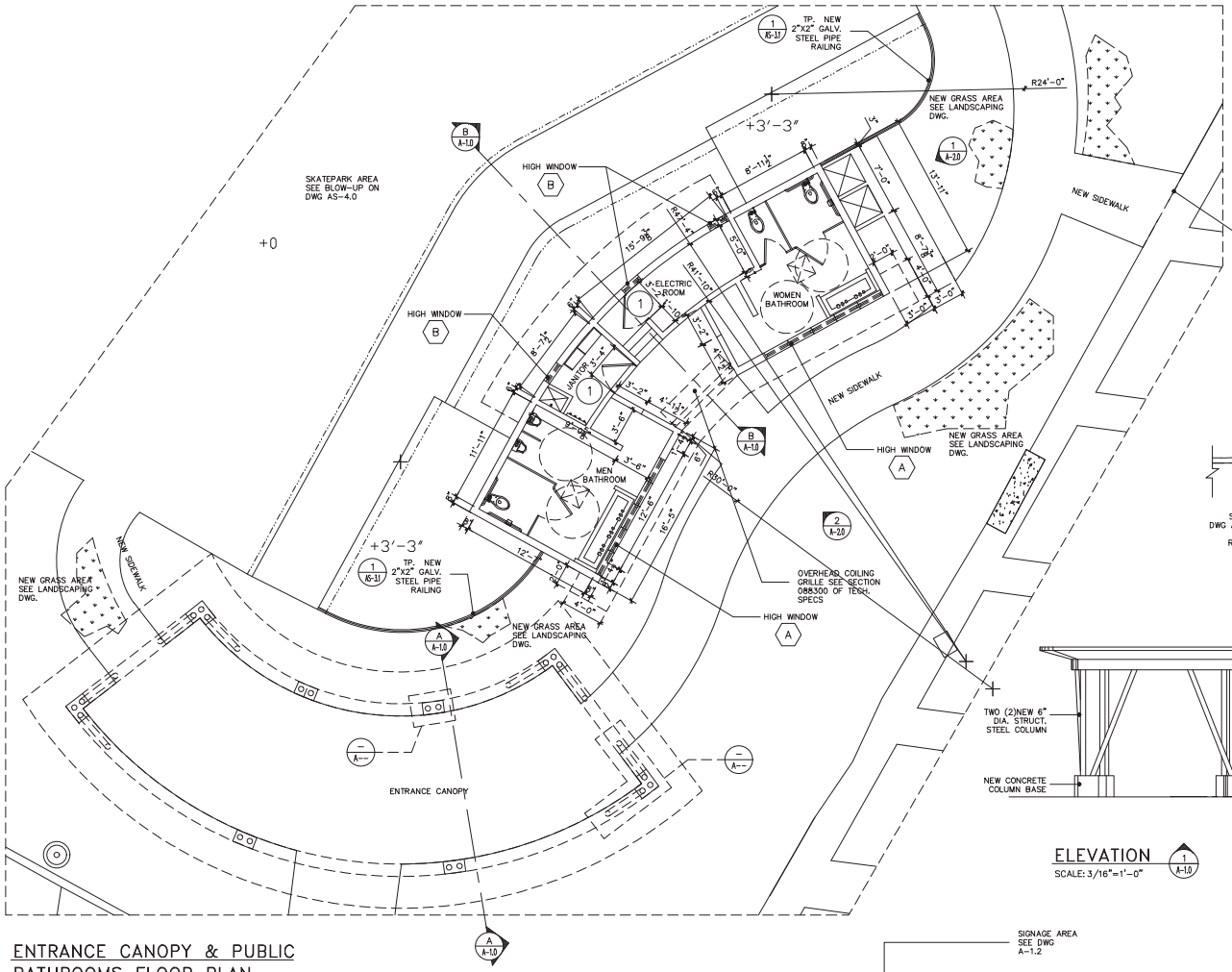
NO.	DATE	REVISION	BY	APPROVED

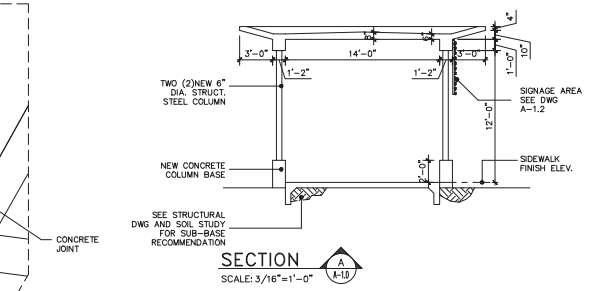
PROJECT

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JDD I.H.

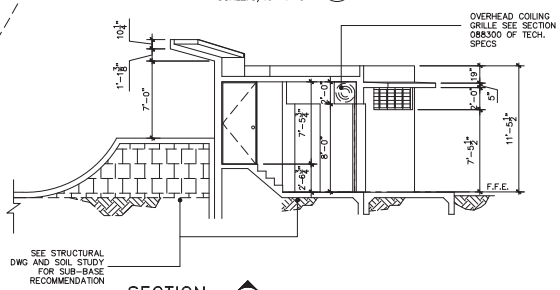
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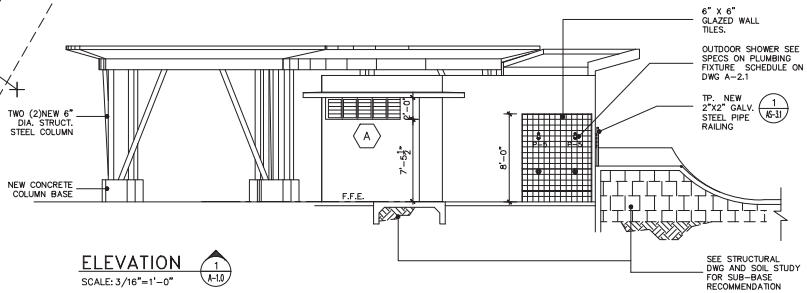




SECTION
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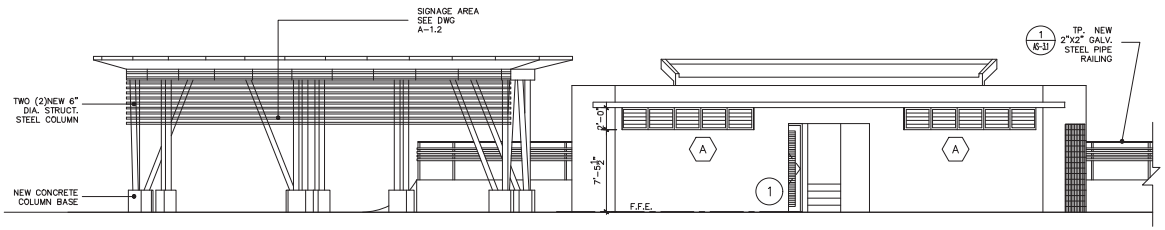
SECTION
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ELEVATION
SCALE: 3/16"=1'-0"

ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

SCALE: 3/16"=1'-0"



ELEVATION
SCALE: 3/16"=1'-0"

GENERAL NOTES:

1. SEE GENERAL SITE PLAN AND GEOMETRY ON DWG --
2. SEE ROOF PLAN ON DWG A-1.1
3. SEE BATHROOM BLOW-UP ON DWG A-2.0
4. SEE LANDSCAPING ON DWG LS-2.0
5. ALL EXTERIOR BATHROOM FLOOR FINISH SHALL BE TROWELED CONCRETE, LOW WALLS AND/OR CURBS SHALL BE CEMENT PLASTER AND PAINT.

LEGEND:

SYMBOL	DESCRIPTION
	NEW 6" REINF. CONCRETE WALL
	NEW 6" REINF. CONCRETE BLOCK WALL
	NEW DOOR TO BE INSTALLED
	NEW PLUMBING FIXTURES, SEE DWG A--- FOR SCHEDULE
	SECTION ID. SYMBOL
	DETAIL ID. SYMBOL

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CLIENT

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ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

COMPUTER PLOT
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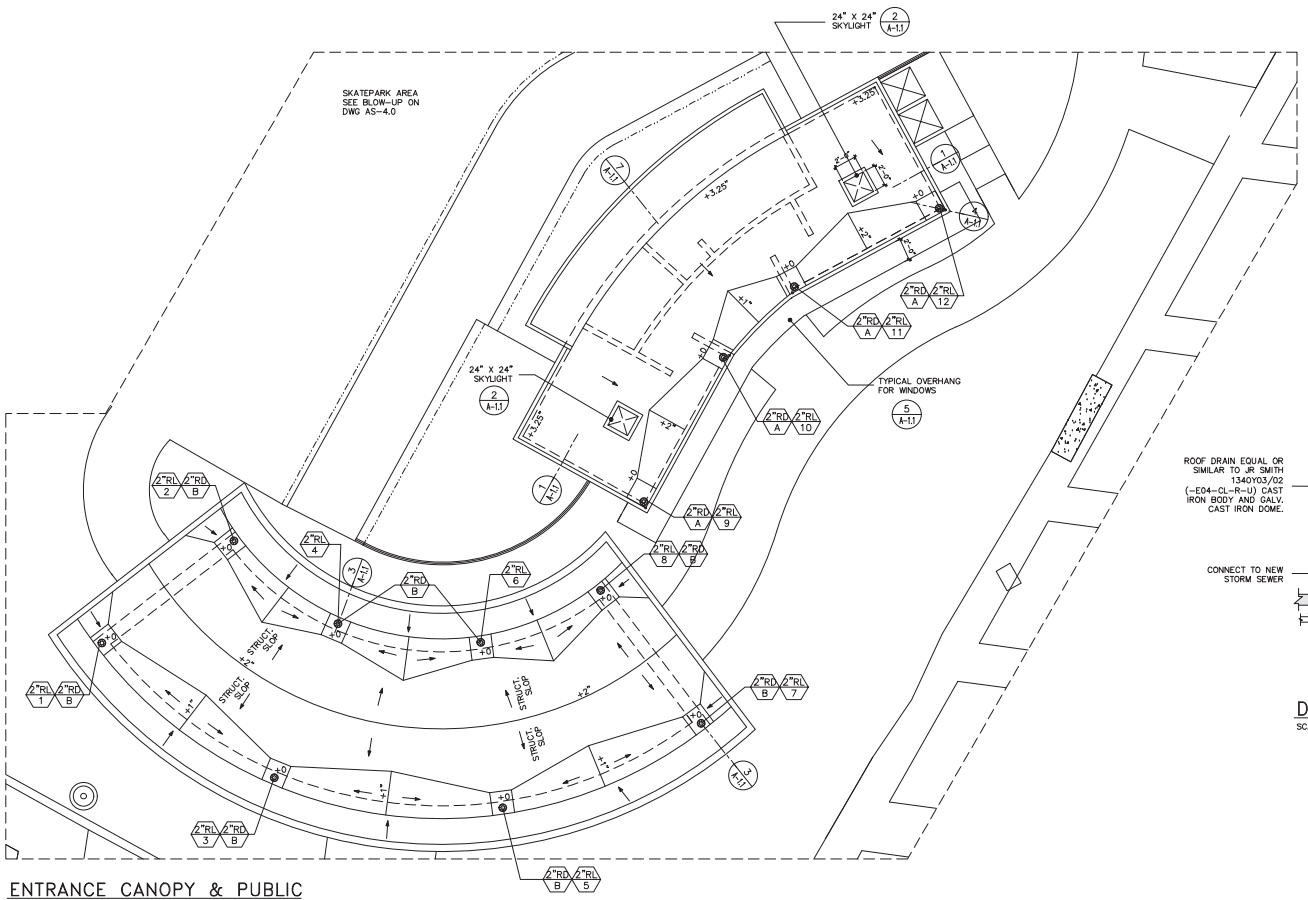
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

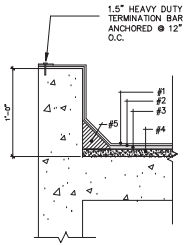
NUMBER 38 TOTAL 83

DRAWING NUMBER
A-1.0



ENTRANCE CANOPY & PUBLIC BATHROOMS ROOF PLAN

SCALE: 3/16"=1'-0"

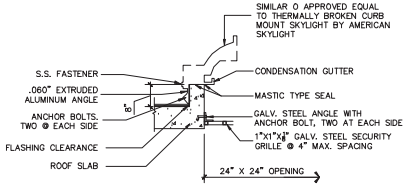


STRUCTURAL STEEL ROOF WATERPROOFING SYSTEM:

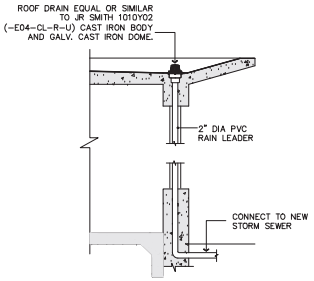
1. SBS MODIFIED BITUMEN FLASHING MEMBRANE W/FIBERGLASS MAT REINFORCEMENT FINISHED W/ALUMINUM CLAD TOP & BURN OFF FILM ON THE BOTTOM SIDE, AND BURN-OFF FILM.
2. SBS MODIFIED BITUMEN MEMBRANE W/POLIESTER MAT REINFORCEMENT.
3. ASPHALT PRIMER COAT
4. LIGHTWEIGHT CONCRETE FOR REQUIRED ROOF SLOPES OF ¼" X FEET
5. TREATED WOOD CANT STRIP 4" X 4".
6. PROVIDE ONE RELIEF VENT EVERY 1000 SF.

SEE SECTION 07-52-00 MODIFIED BITUMINOUS MEMBRANE SYSTEMS OF TECH.SPECS.

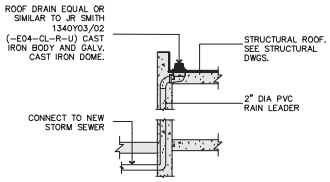
ROOF WATERPROOFING DETAIL 1 A-1.1
SCALE: N.T.S.



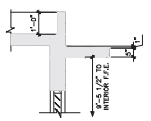
DETAIL 2 A-1.1
SCALE: N.T.S.



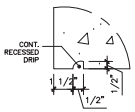
DETAIL 3 A-1.1
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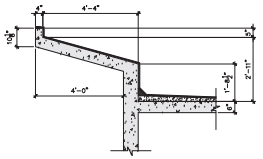
DETAIL 4 A-1.1
SCALE: N.T.S.



DETAIL 5 A-1.1
SCALE: N.T.S.



TYP. RECESSED DRIP DETAIL 6 A-1.1
SCALE: N.T.S.



DETAIL 7 A-1.1
SCALE: N.T.S.

LEGEND:

SYMBOL	DESCRIPTION
RD1 / RL RAIN LEADER	RAIN LEADER ID. SYMBOL
RD1 / RD DRAIN ROOF TYPE	ROOF DRAIN ID. SYMBOL ROOF DRAIN TYPE A: EQUAL OR SIMILAR TO JR SMITH 1340Y03/02 (-E04-CL-R-U). CAST IRON BODY AND GALV. CAST IRON DOME. ROOF DRAIN TYPE B: EQUAL OR SIMILAR TO JR SMITH 1010Y02 (-E04-CL-R-U). CAST IRON BODY AND GALV. CAST IRON DOME.
⊕	DETAIL ID. SYMBOL

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CLIENT

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PROJECT
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DRAWING NAME
ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

COMPUTER PLOT
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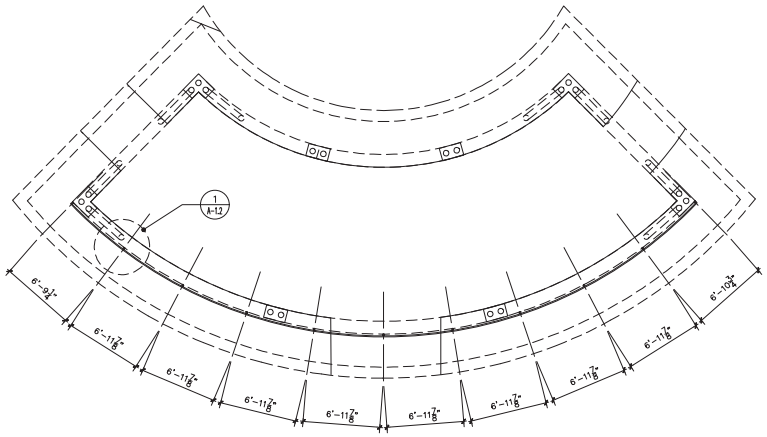
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
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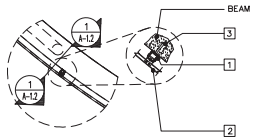
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LETTERING FLOOR PLAN

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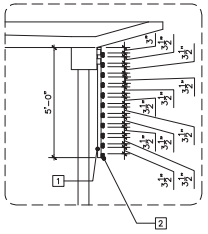
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DETAIL

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1
A-1.2



SECTION

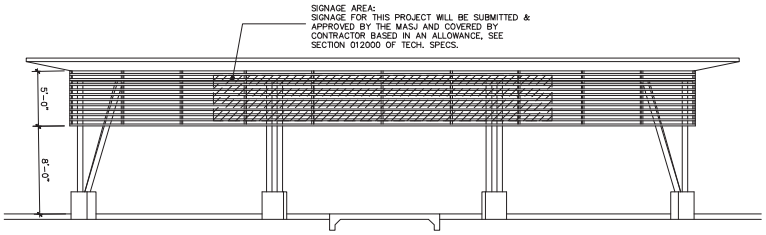
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A-1.2

KEY NOTES:

1. STRUCTURAL ALUMINUM TUBES 60.3MM X 60.3MM X 2.4M, SUPPORTS IN INOX SHEET GA 14 WITH INOX SCREWS FINISHED WITH ELECTROSTATIC POLIESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT. COLOR TO BE SELECTED BY ARCHITECT. EQUAL OR APPROVE EQUAL TO DOBLAMOS, S.A., WWW.DOBLAMOS.COM
2. STRUCTURAL ALUMINUM TUBES 15.3MM X 60.3MM X 2.4M, SUPPORTS IN INOX SHEET GA 14 WITH INOX SCREWS FINISHED WITH ELECTROSTATIC POLIESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT. COLOR TO BE SELECTED BY ARCHITECT. EQUAL OR APPROVE EQUAL TO DOBLAMOS, S.A., WWW.DOBLAMOS.COM
3. 4" STAINTESS STEEL ANCHOR BOLTS @ EACH VERTICAL TUBE SUPPORTS
4. LETTERS IN ALUMINUM SHEET GA 14, FINISHED WITH ELECTROSTATIC POLIESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT. COLOR TO BE SELECTED BY ARCHITECT. EQUAL OR APPROVE EQUAL TO DOBLAMOS, S.A., WWW.DOBLAMOS.COM

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ELEVATION

SCALE: 3/16"=1'-0"

1
A-1.0

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DRAWING NAME
SIGNAGE AREA AND DETAILS

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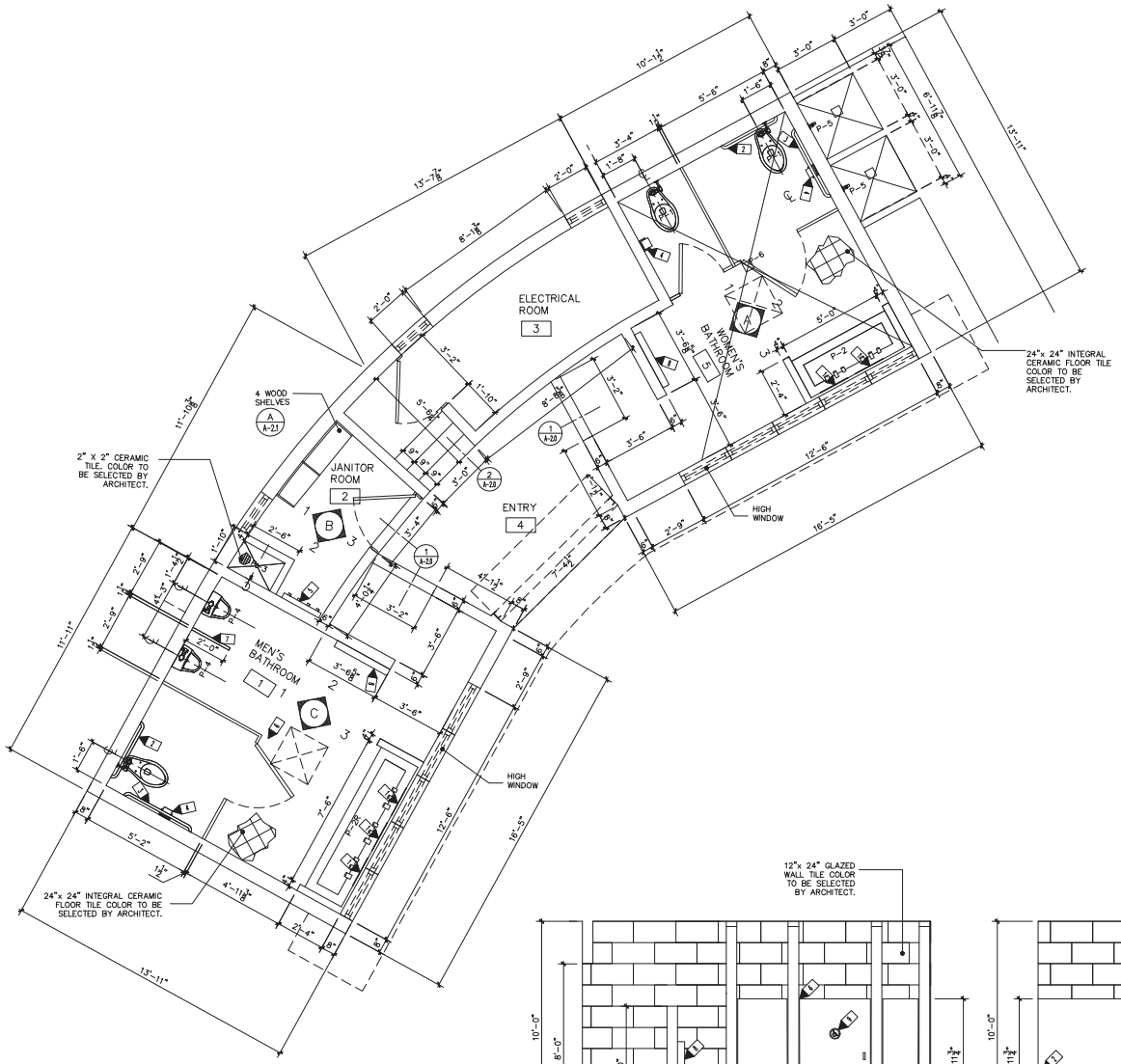
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
40	83

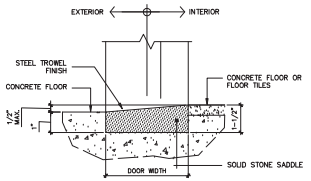
DRAWING NUMBER
A-1.2



BATHROOM BLOW-UP

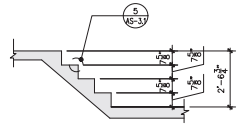
SCALE: 3/8"=1'-0"

BATHROOM FINISHES SCHEDULE								
NO.	LOCATION	WALLS		FLOORS		BASES	CEILING	
		SMOOTH CEM. PLASTER & PAINT	GLAZED CERAMIC TILE	POLISHED CONCRETE WITH SAW CUT JOINT	24"X 24" INTEGRAL PORCELAIN TILES	4" CER. INTEGRAL FLOOR TILE	SMOOTH CEM. PLASTER & PAINT	
1	MEN'S BATHROOM	●	●		●		●	
2	JANITOR ROOM	●	●	●			●	
3	ELECTRIC ROOM	●		●			●	
4	ENTRY	●		●			●	
5	WOMEN'S BATHROOM	●	●		●		●	
							●	



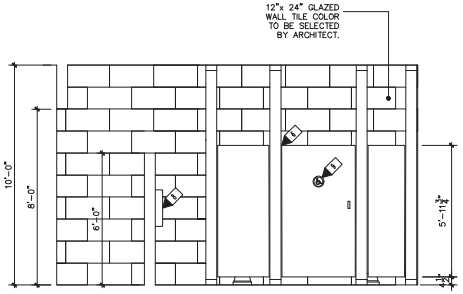
TYP. DOOR SADDLE FOR ENTRANCE DETAIL

SCALE: N.T.S. (1 / A-2.0)



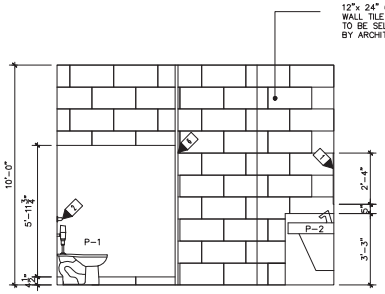
DETAIL (2 / A-2.0)

SCALE: N.T.S.



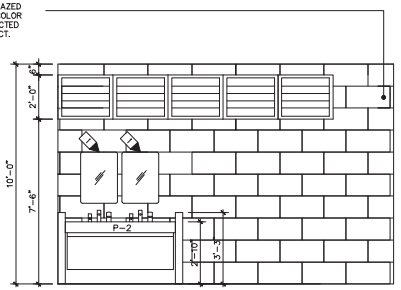
ELEVATION A-1

SCALE: 3/8"=1'-0"



ELEVATION A-2

SCALE: 3/8"=1'-0"



ELEVATION A-3

SCALE: 3/8"=1'-0"

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CLIENT

MANAGER
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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

COMPUTER PLOT
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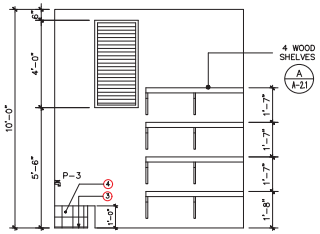
NO.	DATE	REVISION	BY	APPROVED

PROJECT

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JDD I.H.

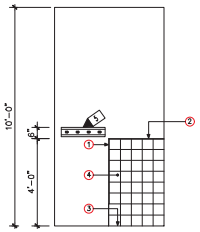
NUMBER	TOTAL
41	83

DRAWING NUMBER
A-2.0



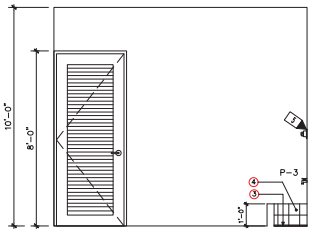
ELEVATION B-1

SCALE: 3/8"=1'-0"



ELEVATION B-2

SCALE: 3/8"=1'-0"

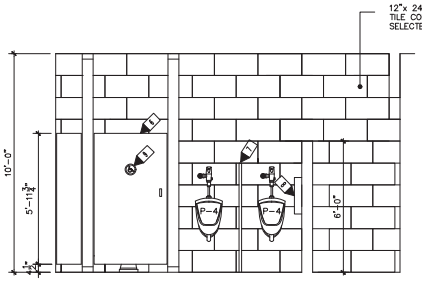


ELEVATION B-3

SCALE: 3/8"=1'-0"

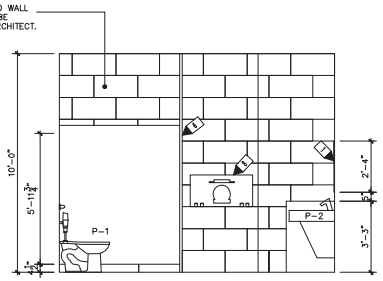
BATHROOM ACCESSORIES		
NUMBER	DESCRIPTION	COMMENTS
1	STAINLESS STEEL MIRROR	NOFER MIRROR CODE 08071.B
2	36" GRAB BAR	BRADLEY GRAB BAR 812 SERIES 001-36
3	42" GRAB BAR	BRADLEY GRAB BAR 812 SERIES 001-42
4	TOILET PAPER DISPENSER	NOFER TOILET PAPER DISPENSER CODE 05004.N
5	MOP AND BROOM HOLDER	BRADLEY HOLDER MODEL 9954
6	BATHROOM CUBICLES	BOBRICK SIERRA SERIES SCRC 1090 MODEL 2096 MAX PRIVACY 71" DOORS & PANELS AND 4 ½" FLOOR CLEARANCE.
7	URINAL PARTITIONS	BRADLEY PRIVACY URINAL PARTITIONS SOLID PHENOLIC CORE
8	BABY CHANGING STATION	NOFER HORIZONTAL BABY CHANGING CODE 09209.W
9	HC SIGN FOR TOILET DOOR	NOFER REDUCED MOBILITY PICTOGRAM CODE 16724.2.S

PLUMBING FIXTURE SCHEDULE		
SYMBOL	FIXTURE	SPECIFICATIONS
P-1	HC TOILET	AMERICAN STANDARD MADERA FLOWISE 16.5" HEIGHT 1.1 GPF FLUSHOMETER TOILET SYSTEM WITH EVERCLEAN SELECTRONIC FLUSH VALVE- MODEL 3461.511 WHITE 10" ROUGH-IN. AMERICAN STANDARD SEAT #5901.100SS HEAVY DUTY OPEN FRONT LESS COVER WITH EVERCLEAN.
P-2	HC LAVATORY	SLOAN AER-DEC INTEGRATED SINK SYSTEM MODEL NO. AD 8200O. PRODUCT TO BE FABRICATED OUT OF CORIAN OR QUARTZ. SUPPLIED WITH SLOAN DECK MOUNTED HAND DRYER EHD-510, SLOAN AUTOMATED SENSOR FAUCET EFX SERIES AND SLOAN SENSOR OPERATED FOAM SOAP DISPENSER ESD-400 OR ESD-500. SINK DESIGN TO BE ADA COMPLIANT. SUPPLIED WITH ENCLOSURE.
P-2R	HC LAVATORY	SLOAN AER-DEC INTEGRATED SINK SYSTEM MODEL NO. AD 8X000. PRODUCT TO BE FABRICATED OUT OF CORIAN OR QUARTZ. SUPPLIED WITH SLOAN DECK MOUNTED HAND DRYER EHD-510, SLOAN AUTOMATED SENSOR FAUCET EFX SERIES AND SLOAN SENSOR OPERATED FOAM SOAP DISPENSER ESD-400 OR ESD-500. SINK DESIGN TO BE ADA COMPLIANT. SUPPLIED WITH ENCLOSURE.
P-3	JANITOR HOSE BIB	ONE (1) BRASS. BALL VALVE HOSE BIB BY CHAMPION ARROWHEAD, 3/4" MIP MODEL 302BV WITH ADA APPROVED S/S VINYL GRIP HANDLES. ZURN LIGHT COMMERCIAL FD2211-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"x 5" WITH S/S VANDAL PROOF SCREWS
P-4	URINAL	AMERICAN STANDARD DECORUM .0125 GPF TOP SPUD HIGH EFFICIENCY WHITE URINAL SYSTEM MODEL 6042.633 WITH SELECTRONIC FLUSH VALVE MODEL 6063.013.002
P-5	OUTDOOR SHOWER	OUTDOOR SHOWER COMPANY WALL MOUNT SINGLE SUPPLY WMFS-442-ADA-SS STAINLESS STEEL ADA METERED PUSH VALVE ZURN LIGHT COMMERCIAL FD2211-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"x 5" WITH S/S VANDAL PROOF SCREWS
P-6	FLOOR DRAIN	ZURN LIGHT COMMERCIAL FD2211-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"x 5" WITH S/S VANDAL PROOF SCREWS



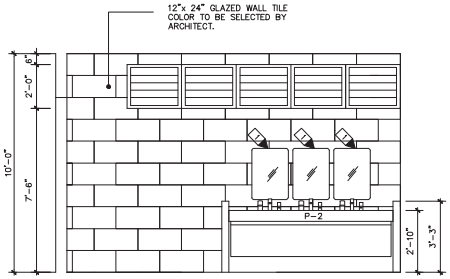
ELEVATION C-1

SCALE: 3/8"=1'-0"



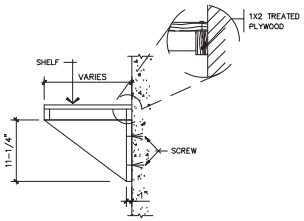
ELEVATION C-2

SCALE: 3/8"=1'-0"



ELEVATION C-3

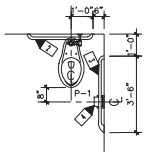
SCALE: 3/8"=1'-0"



TYPICAL SHELF SUPPORT DETAIL

SCALE: 1/4"=1'-0"

A
A-2.1



JANITOR TILE LEGEND

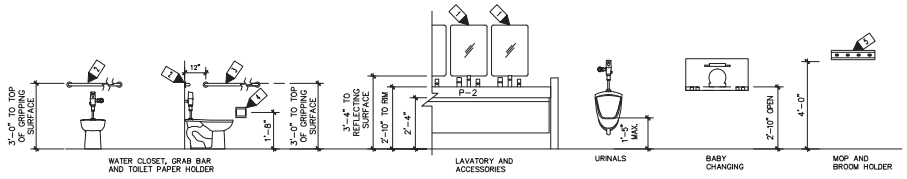
① 6"x 6" GLAZED TILE, DOUBLE BULL-NOSE.

② 6"x 6" GLAZED TILE, SINGLE BULL-NOSE.

③ 6"x 6" GLAZED TILE, SANITARY COVE

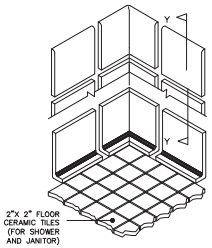
④ 6" X 6" GLAZED WALL TILES.

-SEE SEC. 09 30 00 OF TECH. SPECS. FOR TILE SPECS.



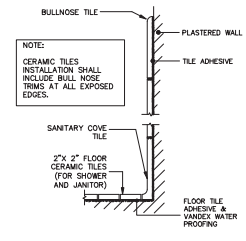
TYPICAL BATHROOM EQUIPMENT – MOUNTING HEIGHT

SCALE: 1/2"=1'-0"



SANITARY BULLNOSE & COVE BOTTOM CORNER INSTALLATION (EXPLODED)

SCALE: N.T.S.



SECTION "Y"

SCALE: N.T.S.

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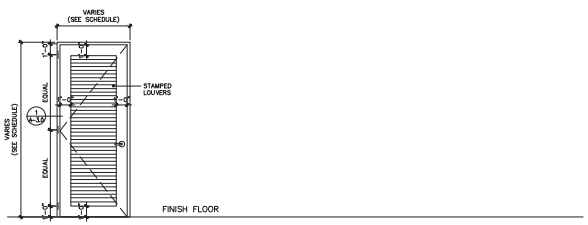
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

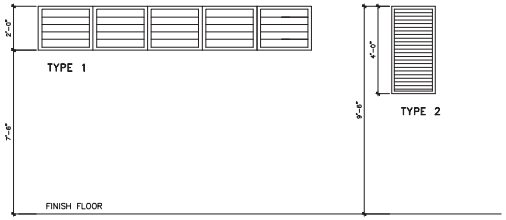
NUMBER 42 TOTAL 83

DRAWING NUMBER
A-2.1



TYPE "A"

STEEL FLUSH DOOR WITH VANDAL PREPARATION. SEE DETAIL.
SPECIAL HARWARE:
DOOR CLOSER.



DOOR SCHEDULE FOR BATHROOM AREA

NUM.	OPENING	TYPE	FRAME	COMMENTS	HARDWARE SET NUM.
				SEE DOOR	
1	3'-4"x 8'-0"	A	2 x 6	TYPE NOTES	1
2	3'-0"x 7'-5 1/2"	A	2 x 6		1

DOOR NOTES:

1– CONTRACTOR SHALL SUBMIT HARDWARE SCHEDULE WITH THE HARDWARE SUBMITTAL FOR ARCHITECT'S APPROVAL.

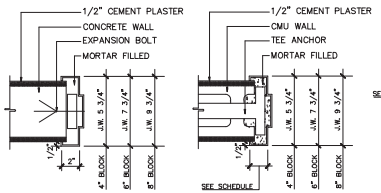
2– FOR HARDWARE TYPE IN ALL BUILDINGS, SEE TECHNICAL SPECIFICATIONS, SECTION 08–71–00

WINDOW SCHEDULE FOR BATHROOM AREA

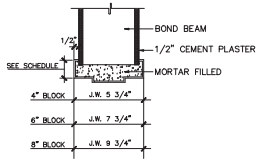
NUM.	OPENING	TYPE	WINDOW TYPE	FINISH	FRAME
A	12'-0"x 2'-0"	1		WHITE ENAMEL	ALUM.
B	2'-0"x 4'-0"	3	LOUVER	WHITE ENAMEL	ALUM.

NOTES:

1. WINDOWS TYPE 1 WILL BE SECURITY WINDOWS WITH INTEGRATED HURRICANE SHUTTERS WITH 3" SLATS, ASSEMBLED WITH STAINLESS STEEL SCREWS. WINDOW POWDER PAINT COLOR TO BE SELECTED BY ARCHITECT. MUST BE COMPLY WITH MIAMI–DALE NOA CERTIFICATION



METAL JAMB DETAIL 1/A-3.0
SCALE: NTS



METAL HEAD DETAIL 2/A-3.0
SCALE: NTS

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CONSULTANT'S SEAL

YO, ISTRA HERNANDEZ, ARQUITECTO LICENCIADO #7309, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ O ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGOS DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO DEBIDAMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA PREVENCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA " Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1998, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1998, SEGÚN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HAGAN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA QSPE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PUBLIC BATHROOM DOOR AND WINDOWS SCHEDULE AND DETAILS

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ–BAUZA

NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
43	83

DRAWING NUMBER
A–3.0

STRUCTURAL NOTES :

GENERAL:

1- UNLESS OTHERWISE INDICATED, THESE NOTES APPLY TO ALL STRUCTURAL DRAWINGS OF THIS SET OF PLANS.

2- IN CASE OF DISCREPANCY BETWEEN THESE NOTES AND THE CONSTRUCTION DRAWINGS, SPECIFICATIONS OR ANY REFERRED STANDARD, THE MORE RESTRICTIVE PROVISION SHALL APPLY.

3- STRUCTURAL DRAWINGS SHALL BE COORDINATED AND SUPPLEMENTED BY ARCHITECTURAL, ELECTRICAL, MECHANICAL AND ANY OTHER BUILDING DRAWINGS.

4- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND BEFORE ORDERING ANY MATERIAL. DIFFERENCES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF ENGINEER AND NO ACTION SHALL BE TAKEN UNTIL APPROVED BY ENGINEER.

5- CONTRACTOR SHALL SUBMIT FOR APPROVAL ANY DETAIL OR DIMENSION THAT IS OMITTED OR NOT SPECIFICALLY SHOWN ON PLANS.

6- CONTRACTOR SHALL PROTECT ALL PROPERTY FROM DAMAGE. ANY DAMAGED PROPERTY SHALL BE PROMPTLY REPLACED BY EQUAL AND/OR BETTER QUALITY.

7- ALL CONSTRUCTION, DEMOLITION AND / OR EXCAVATION WORK SHALL BE PERFORMED IN SUCH A WAY AS NOT TO IMPAIR THE SAFETY OF ADJOINING EXISTING STRUCTURES.

8- ALL SOIL BELOW NEW FOOTINGS SHALL BE COMPACTED IN 8 INCHES THICK LAYERS AND EACH LAYER SHALL BE COMPACTED TO 95 % OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM SPECIFICATION D-1557.)(IF APPLICABLE FOR THIS PROJECT)

9- QUALITY OF FILL MATERIAL SHALL BE SUBMITTED TO OWNER FOR APPROVAL

REINFORCED CONCRETE:

1- ALL AGGREGATES SHALL COMPLY WITH ASTM SPECIFICATION C-33. CEMENT SHALL COMPLY WITH ASTM SPECIFICATION C-150. MAXIMUM SIZE OF COURSE AGGREGATES SHALL BE 3/4 INCH. MANUFACTURED AGGREGATES FROM WATER SOLUBLE MATERIALS WILL BE PERMITTED.

2- FORM WORKS SHALL BE CONSTRUCTED SO THAT THE CONCRETE SURFACES WILL CONFORM TO THE TOLERANCE LIMITS SET FORTH IN CHAPTER 4 OF THE "SPECIFICATIONS FOR STRUCTURAL MEMBERS FOR BUILDINGS" (ACI 301).

3- ALL DIMENSIONS SHOWN ARE STRUCTURAL AND DO NOT INCLUDE THICKNESS OF PLASTER OR ANY OTHER CONCRETE FINISH.

4- CONSTRUCTION LOADS SHALL NOT BE SUPPORTED ON, OR ANY SHORING REMOVED FROM ANY PART OF THE STRUCTURE UNDER CONSTRUCTION EXCEPT THAT PORTION OF THE STRUCTURE IN COMBINATION WITH THE REMAINING FORMING AND SHORING SYSTEM HAS SUFFICIENT STRENGTH TO SUPPORT SAFELY IT'S WEIGHT AND LOADS PLACED THEREON TIME FOR REMOVING CONCRETE FORMS AND SHORING IN BEAMS, SLABS AND STAIRWAYS SHALL BE TWO WEEKS. FOR WALLS 5 DAYS.

5- PROVIDE A POLYETHYLENE VAPOR BARRIER MEMBRANE UNDER ALL CONCRETE POURED AGAINST THE SOIL. UNLESS OTHERWISE INDICATED ON PLANS, VAPOR BARRIER SHALL BE EQUAL OR SIMILAR TO GRIFFOLYN TYPE-65. (IF APPLICABLE FIR THIS PROJECT)

6- REINFORCING BARS BE GRADE 60 HIGH STRENGTH DEFORMED NEW BILLET STEEL MEETING ASTM SPECIFICATION A-615 (LATEST).

7- UNLESS OTHERWISE SHOWN, MINIMUM REBAR SPLICE BE 24 INCH. FOR #3 BARS, 30 INCH., FOR #4 BARS, 36 INCH. FOR #5 BARS, 45 INCH. FOR #6 BARS, 63 INCH. FOR #7 BARS, 72 INCH. FOR #8 BARS, 80 INCH. FOR #9 BARS.

8- NO REBAR SPICE SHALL BE MADE AT OR NEAR REGIONS OF MAXIMUM STRESS AND NO MORE THAN 50 % OF REBARS SHALL BE SPLICED AT ANY LOCATION.

9- CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-LATEST), INCLUDING SUPPLEMENTS. AND SHALL COMPLY WITH ALL LOCAL LAWS AND ORDINANCES. WHERE CONFLICTING REQUIREMENTS OCCUR, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

10- CONCRETE DESIGN IS BASED ON THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-LATEST), INCLUDING SUPPLEMENT.

11- REFERENCE SPECIFICATION AND CODES:
(A) EARTHWORK SPEC NO. 03000. (IF APPLICABLE FOR THIS PROJECT)
(B) CAST-IN PLACE CONCRETE SPEC NO. 03-300

12- ALL CONCRETE SHALL BE NORMAL WEIGHT, UNLESS NOTED, HAVING A MINIMUM COMPRESSIVE STRENGTH OF F'C = 4,000 PSI AT 28 DAYS, WATER CEMENT RATIO MINIMUM = 0.55. CONCRETE MIX DESIGN SHALL INCLUDE CORROSION INHIBITOR & SHRINKAGE ADMIXTURES. MAXIMUM WATER SOLUBLE CHLORIDE ION CONTENT (CT)=0.15% BY WEIGHT. USE OF SLAG CEMENT IS APPROVED.

13- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 (FY-60 KSI). CONTRACTOR SUPPLY WILL CERTIFICATES OF ALL STEEL MATERIALS. ALL STEEL BARS SHALL BE EPOXY COATED ACCORDING WITH ASTM A775 OR A934.

14- CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS:
- CAST AGAINST AND PERMANETLY EXPOSEDE TO EARTH: 3" (IF APPLICABLE FOT HIS PROJECT)
- #6 BARS AND LARGER: 2"
- #5 BARS AND SMALLER: 2"
- NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND SLAB AND WALLS: 1 1/2"
- BEAMS, GIRDERS, COLUMNS: 2"

15- (IF APPLICABLE FOR THIS PROJECT)
(A) DEPRESSED SLABS SHALL MAINTAIN FULL THICKNESS UNLESS NOTED. SEE TYPICAL DETAILS.
(B) ALL DIMENSIONS AND LOCATIONS OF FLOOR DEPRESSIONS SHALL BE VERIFIED FROM ARCHITECTURAL DRAWINGS BEFORE PLACING SLABS.

16- CONTRACTION AND CONTRACTION JOINTS IN SLABS ON GRADE SHALL BE LOCATED AND CONSTRUCTED AS DETAILED ON THE DRAWINGS.

17- ALL SLEEVES, SLOTS AND OTHER EMBEDDED AND UNDER SLAB ITEMS SHALL BE SET BEFORE CONCRETE IS PLACED, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND VENDOR'S DRAWINGS FOR SIZES AND LOCATIONS

18- ALL TOP BARS AT DISCONTINUOUS ENDS SHALL BE HOOKED.

19- ALL BAR SPLICES SHALL BE CLASS C LAP SPLICES, UNLESS NOTED.

20- ALL BEARING PLATES SHALL BE SET WITH NON-SHRINK GROUT.

21- ALL EXPOSED EXTERNAL CORNERS OF CONCRETE SHALL HAVE A 3/4" x 45 DEGREES CHAMFER, UNLESS NOTED.

22- SHOP DRAWINGS FOR REBARS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.

23- OPENINGS IN CONCRETE WALLS SHALL BE REINFORCED AROUND PERIMETER WITH 2 #5 AND EXTENDING 2'-0" BEYOND CORNERS.

24- ALL WALLS AND PEDESTALS SHALL BE PLACED MONOLITHICALLY.

25- (IF APPLICABLE FOR THIS PROJECT)
(A) BACK FILLING AT FOUNDATION WALLS AND PEDESTALS SHALL BE PLACED SUCH THAT SYMMETRICAL LOADING SHALL BE MAINTAINED ON BOTH SIDES.
(B) WHERE DESIGN CONDITIONS REQUIRE BACK FILLING EACH SIDE TO UNEQUAL HEIGHTS, WALLS SHALL BE FIRMLY SHORED IN POSITION, AND SHORES SHALL REMAIN UNTIL FLOORS ARE PLACED AND PROPERLY SET TO PROVIDE FULL SUPPORT.
(C) BACK FILLING AT CANTILEVER WALLS SHALL NOT BE STARTED UNTIL THE WALLS HAVE ATTAINED THEIR MINIMUM 28-DAY COMPRESSIVE STRENGTH.

26- (IF APPLICABLE FOR THIS PROJECT) CONSTRUCTION JOINTS IN FOUNDATION WALL SHALL BE PLACED AT MID SPAN BETWEEN COLUMNS. BEAMS, OR SLABS, UNLESS NOTED.

27- ALL PIPE PENETRATIONS THROUGH FOUNDATION WALLS SHALL HAVE PIPE SLEEVES PROVIDED, WHICH SHALL BE SET BEFORE CONCRETE IS PLACED. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZES AND LOCATIONS.

28- WALLS, WHERE DOOR OPENINGS OCCUR. BARS SHALL EXTEND 2'-0" BEYOND EDGE OF OPENING. (IF APPLICABLE FOR THIS PROJECT)

29- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ANY REQUIRED NEEDLING, SHORING, OR BRACING OF EXISTING STRUCTURES.

30- ANY CONDITIONS WHICH REQUIRE UNDERPINNING SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, WHO WILL PROVIDE DESIGN/CONS-TRUCTION DIRECTION TO THE CONTRACTOR.

31- FOUNDATION CONCRETE PADS SHALL INCLUDE SETTING OF COLUMN ANCHOR OR EXPANSIONS SUPPLIED BY THE STRUCTURAL STEEL CONTRACTOR.

32- ALL ELEVATIONS ARE GIVEN WITH RESPECT TO FINISH FIRST FLOOR DATUM ELEVATIONS (REF. EL. 0'-0")

33- IF BOTTOM OF ANY FOUNDATION IS NOT AT LEAST 3'-0" BELOW THE EXISTING GROUND ELEVATIONS THE CONTRACTOR SHALL NOTIFY ENGINEER AND / OR SOIL CONSULTANT.

34- FOR STRUCTURAL EXCAVATION AND BACK FILL REQUIREMENTS SEE SOILS REPORT #5089-B DATED ON JANUARY 18 2022 MENTIONED IN NOTE NO. 16. (DOES NOT APPLY FOR THIS PROJECT)

35- SOIL WILL BE TREATED FOR TERMITES & INSECTS PRIOR TO CONCRETE POUR.

36- GENERAL CONTRACTOR SHALL BEWARE TO HAVE AT LEAST 2,000 PSF BEARING CAPACITY. PRESENCE OF A LICENSED GEOTECHNICAL ENGINEER IS RECOMMENDED DURING EARTHWORKS BEFORE TO POUR CONCRETE FOOTING. SOIL STUDY PREPARED BY LAW ENVIRONMENTAL CARIBE PROJECT # 20905-0-0043.

STRUCTURAL STEEL:

1- STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
STEEL TUBES ..... ASTM 500, GRADE B, Fy = 46 KSI
W SHAPES ..... ASTM 572, GRADE 50, Fy = 50 KSI
ANY OTHER MISCELLANEOUS STRUCTURAL STEEL ..... ASTM A36, Fy = 36 KSI

2- CONTRACTOR SHALL SUPPLY, ASSEMBLY AND CONSTRUCT ALL STEEL ELEMENTS CALLED FOR IN THE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL ALSO SUBMIT FOR APPROVAL SHOP DRAWINGS OF ALL STRUCTURAL STEEL, JOINT PLATES, INSERTS AND FITTINGS BEFORE ORDERING IT.

3- THE REVIEW OF SHOP DRAWINGS BY THE ENGINEER SHALL IN NO CASE RELIEVE CONTRACTOR OF RESPONSIBILITIES FOR ERRORS, OMISSIONS, FURNISHINGS OF UNSUITABLE MATERIALS AND TIME DELAYS ARISING DIRECTLY FROM A DIVERTION FROM PLANS AND SPECIFICATIONS BROUGHT BY THE CONTRACTOR IN THE SHOP DRAWINGS.

4- WELDED SPLICES OF STRUCTURAL SECTIONS MAY BE PERMITTED IF APPROVED BY ENGINEER, CONTRACTOR SHALL OBTAIN THE SECTIONS IN LENGTHS THAT WOULD MINIMIZE THE NUMBER OF SPLICES.

5- ALL WELD WORKS SHALL BE PERFORMED BY SKILLED AND PROPERLY CERTIFIED WELDER, BEARING THE PUERTO RICO WELDER BOARD LICENSE.

6- CONNECTIONS, WHEN NOT SHOWN ON PLANS, SHALL BE DESIGNED TO TRANSMIT THE MAXIMUM STRESS ALLOWED FOR THE CONNECTED MEMBERS.

7- THE ERECTION OF STRUCTURAL STEEL ELEMENTS SHALL STRICTLY FOLLOW SECTION 7 OF THE AISC "CODE OF STANDARD PRACTICE".

8- DIMENSIONS OF STRUCTURAL STEEL ELEMENTS SHALL BE WITHIN THE DIMENSIONAL TOLERANCES SET FOR FORTH IN SECTION 6 OF THE CODE OF STANDARD PRACTICE OF THE AISC MANUAL OF STEEL CONSTRUCTION.

9- NO LOADS SHALL BE PLACED OVER ANY STEEL STRUCTURE UNTIL ALL STUDS, PURLINS, BEAMS, STEEL JOIST AND COLUMNS ARE PROPERLY BRACED.

10- ENGINEERED COATING AND PAINTING FOR STEEL TOWERS, SEE PAINT SPECIFICATIONS PREPARED BY ARCHITECT OF RECORD CONSULTANT (FLORIDA PROTECTIVE CONSULTANTS INC.)

11- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION 14th EDITION AND IBC CODE, LATEST.

12- MATERIAL SHALL MEET THE REQUIREMENTS OF THE FOLLOWING (UNO):
ALL STRUCTURAL STEEL SHALL BE U.S. MADE
STRUCTURAL STEEL - STRUCTURAL SHAPES A 572-GRADE 50.
HIGH STRENGTH BOLTS - 3/4" DIA. MIN. ASTM A325N
WELDING - E70XX ELECTRODES PER AWS D1.1 SPECS
STEEL PLATES- ASTM A-36.

13- ALL SHOP CONNECTIONS SHALL BE MADE WITH WELDS OR HIGH STRENGTH BOLTS. ALL FIELD CONNECTIONS SHALL BE BOLTED. STANDARD FRAMED CONNECTIONS SHALL BE USED AS SHOWN IN TABLE II PART 4 OF AISC MANUAL OF STEEL CONSTRUCTION (UNO) ALL BEAMS SHALL RECEIVE MAXIMUM NUMBER OF ROWS OF BOLTS FOR BEAM DEPTH.

14- ALL WELDING SHALL CONFORM TO THE CURRENT SPECIFICATIONS OF THE AMERICAN WELDING SOCIETY, AND SHALL COMPLY WITH ALL LOCAL LAWS AND ORDINANCES. WELDING ELECTRODES SHALL BE E-70 SERIES.

15- CONNECTIONS:
(A) ALL CONNECTIONS SHALL BE FRAMED BEAM CONNECTION CONFORMING TO THE REQUIREMENTS OF PART 4 OF THE AISC MANUAL, TABLE II & III UNLESS OTHERWISE NOTED.
(B) ALL BOLTED CONNECTIONS SHALL BE MADE WITHHIGH STRENGTH BOLTS. UNLESS OTHERWISE NOTED, CONNECTIONS SHALL BE "BEARING TYPE" WITH ALLOWABLE STRESS ON BOLTS BASED ON THREADS INCLUDED IN THE SHEAR PLANE.
(C) ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO PROVIDE AT LEAST THE MINIMUM TENSION SHOWN IN TABLE 3, FASTENER TENSION, OF THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325, UNLESS NOTED.
(D) SEATED CONNECTIONS WILL NOT BE PERMITTED UNLESS SHOWN ON THE DRAWINGS.

16- THE CONTRACTOR SHALL SUPPLY ALL TEMPORARY BRACING REQUIRED TO MAINTAIN PLUMBNESS AND STABILITY DURING ERECTION. BRACING SHALL NOT BE REMOVED UNTIL ALL PERMANENT BRACING HAS BEEN INSTALLED, ALL WELDING HAS BEEN COMPLETED, ALL BOLTS HAVE BEEN PROPERLY TIGHTENED, AND TOP SUPPORTING ROOF DECK AND CONCRETE FLOOR SLAB HAVE BEEN PROPERLY PLACED.

17- NO OPENINGS SHALL BE CUT IN STRUCTURAL MEMBERS UNLESS SHOWN ON THE DRAWINGS, OR APPROVAL IS RECEIVED FORM THE ENGINEER.

18- ALL ELEVATIONS ARE GIVEN WITH RESPECT TO FINISH FIRST FLOOR DATUM ELEVATION: (REF. ELEV. 0'-0")

19- PROVISIONS FOR DETAILS NOT SPECIFICALLY DRAWN SHALL BE MADE BY THE CONTRACTOR IN ACCORDANCE AISC SPECIFICATIONS AND CLARIFIED WITH THE DESIGNER.

20- MINIMUM METAL THICKNESS FOR ALL CONNECTIONS, STIFFENER PLATES ETC., SHALL BE 3/8".

21- WORKING POINTS FOR VERTICAL BRACING SHALL BE AT INTERSECTION OF CENTERLINE OF COLUMN AND CENTERLINE OF BEAMS (U.N.O.) ON DWGS.

22- STAIRWAY AND PLATFORMS SHALL COMPLY WITH THE DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH STANDARDS AND ALL APPLICABLE LOCAL AND STATE CODES.

23- GRATING WHEN APPLICABLE, SHALL BE ALL WELDED OPEN CONSTRUCTION, WITH 1 1/4" x 3/16" BEARING BARS ON 1 3/16" O.C. (U.N.O.). GRATING SHALL BE SECURED TO SUPPORTING MEMBERS WITH SADDLE CLIPS, PROVIDE 2" CLEARANCE AROUND ALL EQUIPMENT, TANKS, ETC., THAT PENETRATE GRATING FLOORS. BAND ALL GRATING OPENINGS 8" AND LARGER WITH 1/4" x 5 1/4" PLATE WELDED TO GRATING AND EXTENDING 4" ABOVE TOP SURFACE OF GRATING.

24- HANDRAILS SHALL BE STAINLESS STEEL UNLESS OTHERWISE SPECIFIED 1 1/2" NOMINAL DIA. STANDARD STAINLESS STEEL PIPE, REFER TO DETAILS IN ARCHITECTURAL DRAWINGS. (DOES NOT APPLY FOR THIS PROJECT)

25- GROUT SHALL BE NON-SHRINK, NON-METALLIC, SIKA GROUT BY SIKA CORP OR APPROVED FOR PURPOSE REQUESTED. A/E SHALL APPROVE TYPE PRIOR TO USE.

26- FLOOR PLATE SHALL BE 3/8" CKD PLATE, PAINTED AND SHALL BE ATTACHED TO SUPPORTING STEEL BY 3/16" FILLET WELDS 1 1/2" AT 12" O.C. GAP BETWEEN PLATES SHALL NOT EXCEED 1/4" ALL JOINTS OUTSIDE STRUCTURAL SUPPORTS SHALL HAVE BACKING PLATES.

27- STEEL STUDS SHALL BE INSTALLED WITH AUTOMATIC STUD WELDING MACHINE.

28- WIND LOAD:
a) BASIC WIND VELOCITY - 159 MPH AS PER PUERTO RICO BUILDING CODE 2018
b) EXPOSURE CATEGORY - "C"
c) RISK CATEGORY II
c) WIND DIRECTIONALITY FACTOR Kd - 0.9
d) TOPOGRAPHIC FACTOR Kzt - 1.0

SEISMIC LOADS:
SHORT PERIOD ACCELERATION COEF (Ss)=0.985(g)
1-SECOND PERIOD ACCELERATION COEF (S1)=0.385(g)
RISK CATEGORY=II
SOIL PROFILE="D"

29- GENERAL CONTRACTOR SHALL SUBMIT WELDORS CERTIFICATIONS FOR STEEL WELDING AND ALUMINUM WELDING WORKS.

30- METAL FABRICATOR CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL. ARCHITECT OF RECORD MAY REQUIRE MUCK-UP OR SAMPLES OF FINAL FINISH OF PLATES ATTACHED TO STEEL TOWERS BEFORE TO START SKIN INSTALLATION.

CODES:

AMERICAN CONCRETE INSTITUTE, ACI 318 - LATEST EDITION
AMERICAN INSTITUTE OF STEEL CONSTRUCTION, LRFD LATEST EDITION.
PUERTO RICO BUILDING CODE - 2018

ABBREVIATIONS:

ADD ..... ADDITIONAL
B ..... BOTTOM
E.W. ..... EACH WAYS
C.C ..... CENTER TO CENTER
CL ..... CLEAR
COL ..... COLUMN
CONC ..... CONCRETE
CONST ... CONSTRUCTION
CONT ..... CONTINUOUS
C.S ..... CARBON STEEL
DTL ..... DETAIL
DWG ..... DRAWING
EA ..... EACH
E.E ..... EACH END
ELEV .... ELEVATION
F.B.E ..... FOOTING BOTTOM ELEVATION
F.F.E ..... FINISH FLOOR ELEVATION
FT ..... FEET
GALV ..... GALVANIZED
LG ..... LONG
L.L ..... LOWER LAYER
MAX ..... MAXIMUM
MECH ..... MECHANICAL
MIN ..... MINIMUM
REINF ..... REINFORCEMENT
SPECS ..... SPECIFICATIONS
S.S ..... STAINLESS STEEL
STD ..... STANDARD
STL ..... STEEL
SUP ..... SUPPLEMENTARY
T ..... TOP
TYP ..... TYPICAL
U.N.O ..... UNLESS NOTED OTHERWISE

OCT-30-2023

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YO, LUIS DAZA DUARTE, LICENCIA #10707, CERTIFICO QUE SON EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGULADORAS LOCALES O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN ENCONFORMIDAD CON CÓDIGOS DE CONSTRUCCIÓN EQUIVALENTE DE 2018 VIGENTE AL 1 DE ENERO DE 2020. ASIMISMO, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 338 DE 15 DE MAYO DE 2006, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA, SEGÚN APLIQUEN. RECONOZCO QUE CUALQUIER DEFICIENCIA O FALSIFICACIÓN DE LOS HECHOS AQUÍ CERTIFICADOS POR DESIGNACIÓN O POR NEGLIGENCIA VA SEA POR MÍ, MIS AGENTES O EMPLEADOS, PODRÍA RESULTAR EN MI CONDENA EN EL MISMO, ME HAGO RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DECLINO PARA POR LA PRESENTE.

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
STRUCTURAL NOTES

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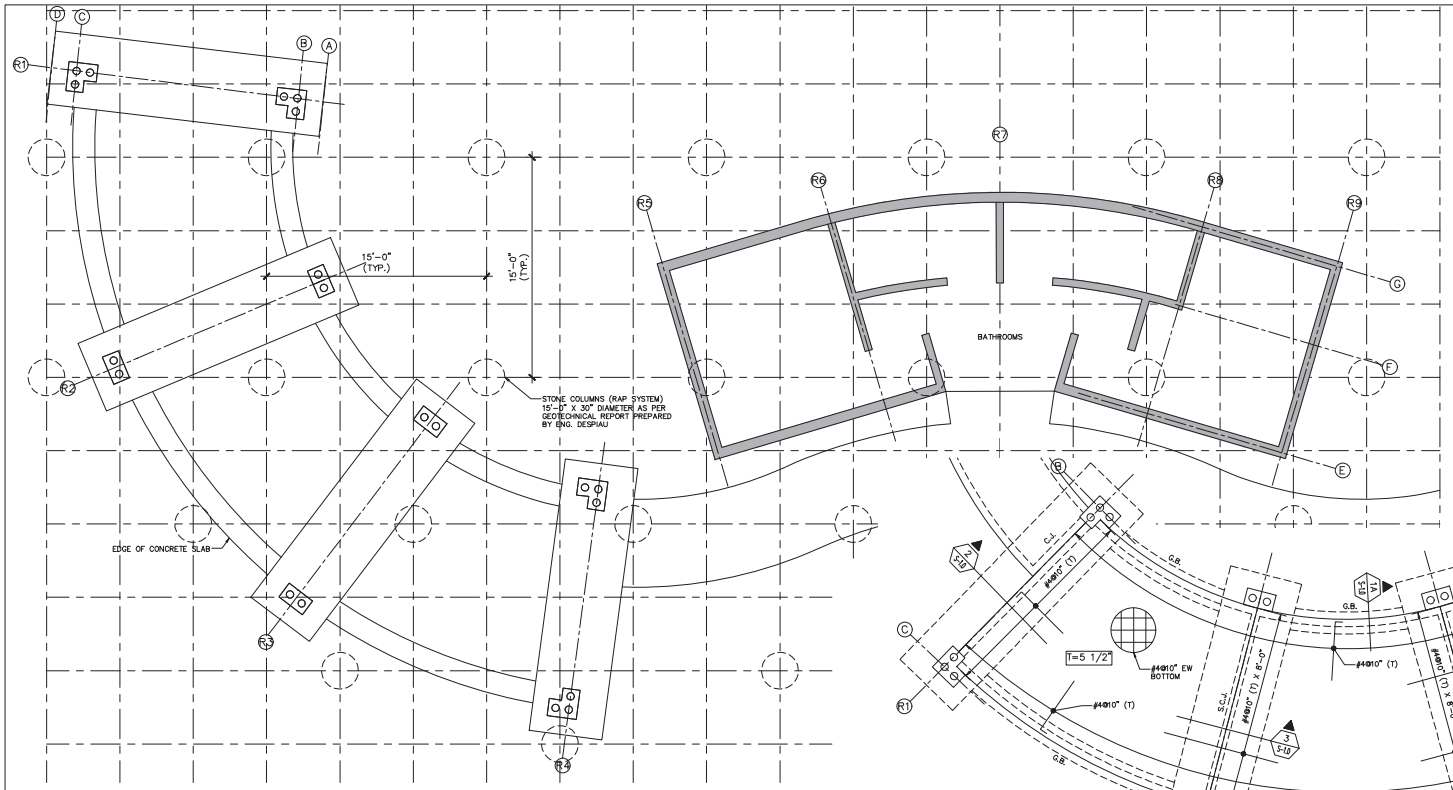
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

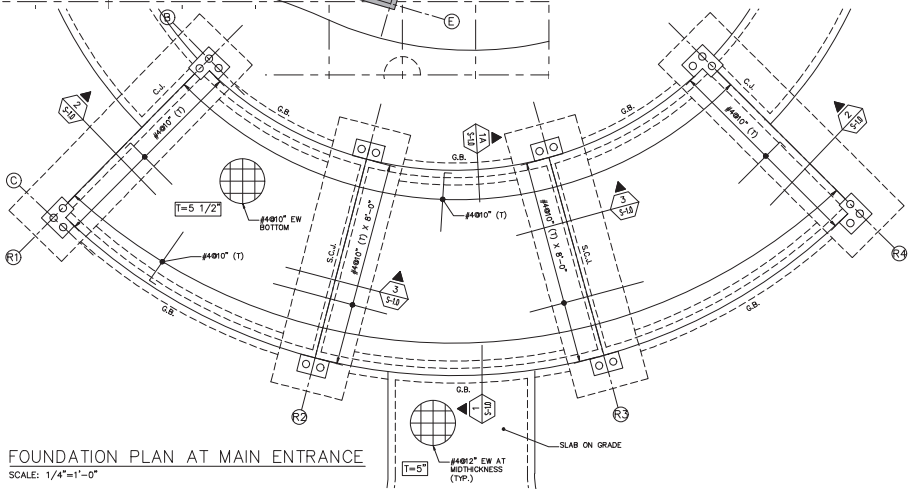
NUMBER 44 TOTAL 83

DRAWING NUMBER
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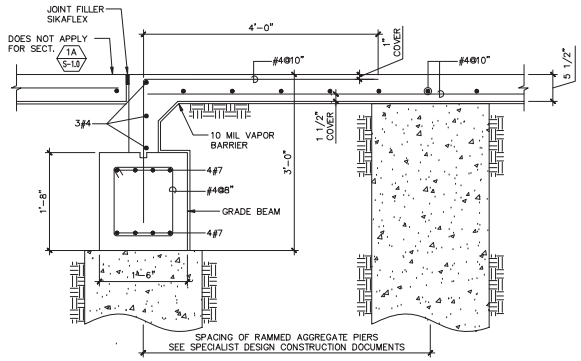
RAMMED AGGREGATE PIERS LAYOUT & PARTIAL FOUNDATION PLAN AT MAIN ENTRANCE AND BATHROOMS

SCALE: 1/4"=1'-0"



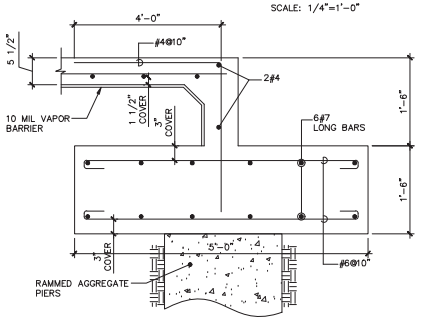
FOUNDATION PLAN AT MAIN ENTRANCE

SCALE: 1/4"=1'-0"



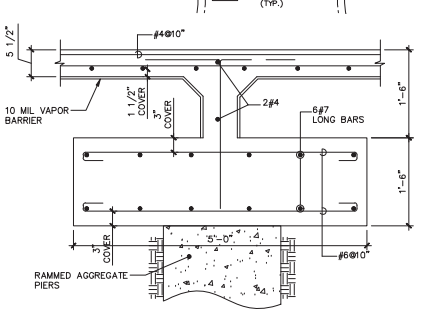
SECTION 1 1A

SCALE: 1"=1'-0"



SECTION 2

SCALE: 1"=1'-0"



SECTION 3

SCALE: 1"=1'-0"

OCT-30-2023

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DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

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ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
FOUNDATION PLAN AND DETAILS

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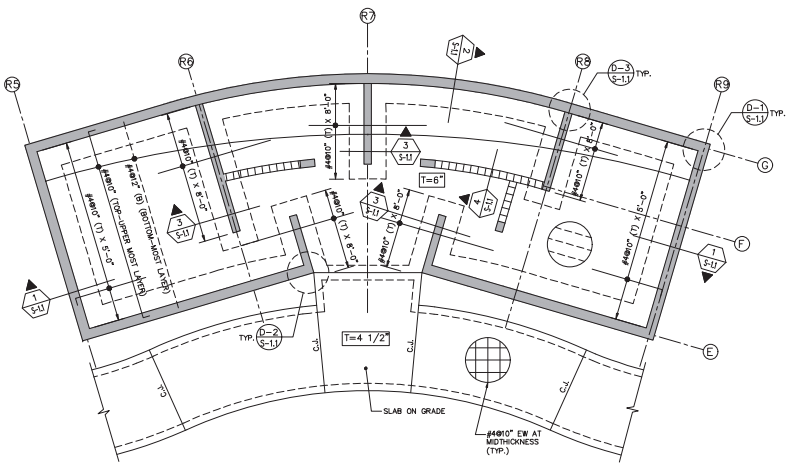
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PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

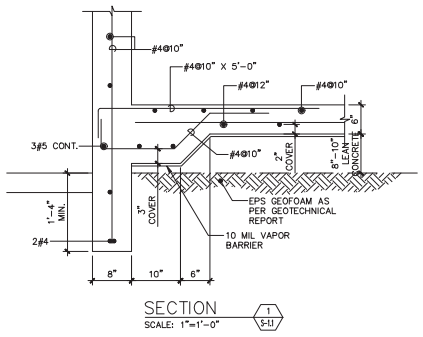
NUMBER	TOTAL
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DRAWING NUMBER
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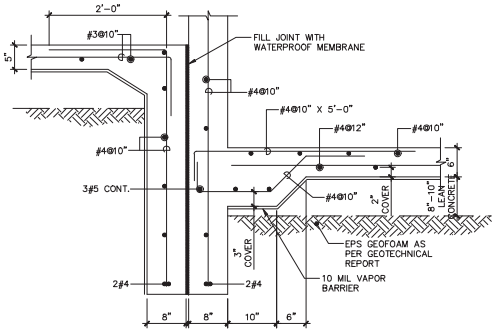
BATHROOMS FOUNDATION PLAN

SCALE: 1/4"=1'-0"



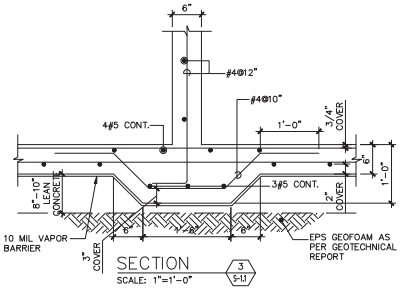
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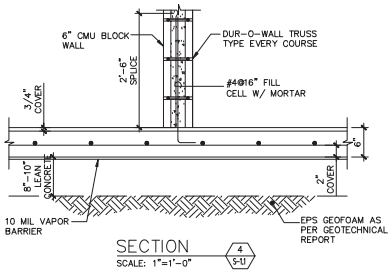
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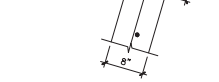
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SCALE: 1"=1'-0"



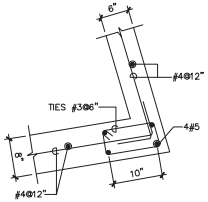
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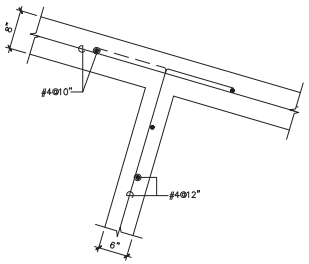
CORNER WALL REINFORCEMENT DETAIL D-1 S-1.1

SCALE: 1"=1'-0"



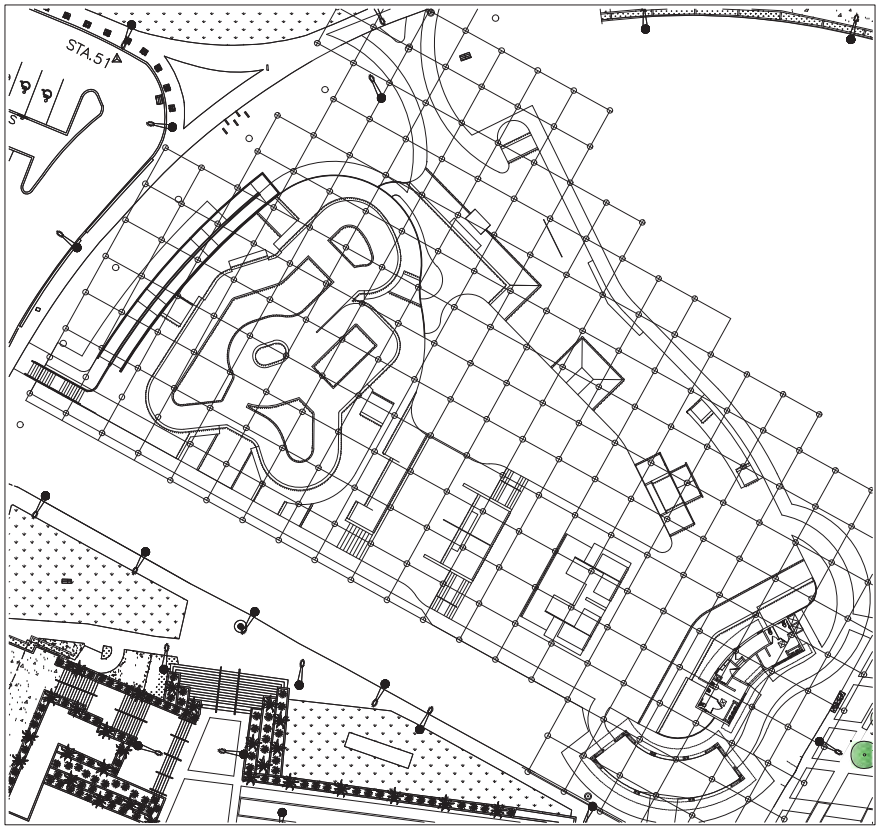
DETAIL D-2 S-1.1

SCALE: 1"=1'-0"



DETAIL D-3 S-1.1

SCALE: 1"=1'-0"



RAMMED AGGREGATE PIERS PLAN

SCALE: 3/64" = 1'-0"

FOR RAMMED AGGREGATE PIERS INFORMATION SEE SECTION 023010 SUBSURFACE & GEOTECHNICAL EXPLORATION , ON TECH SPECS.

OCT-30-2023

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NO.	DATE	REVISION	BY	APPROVED

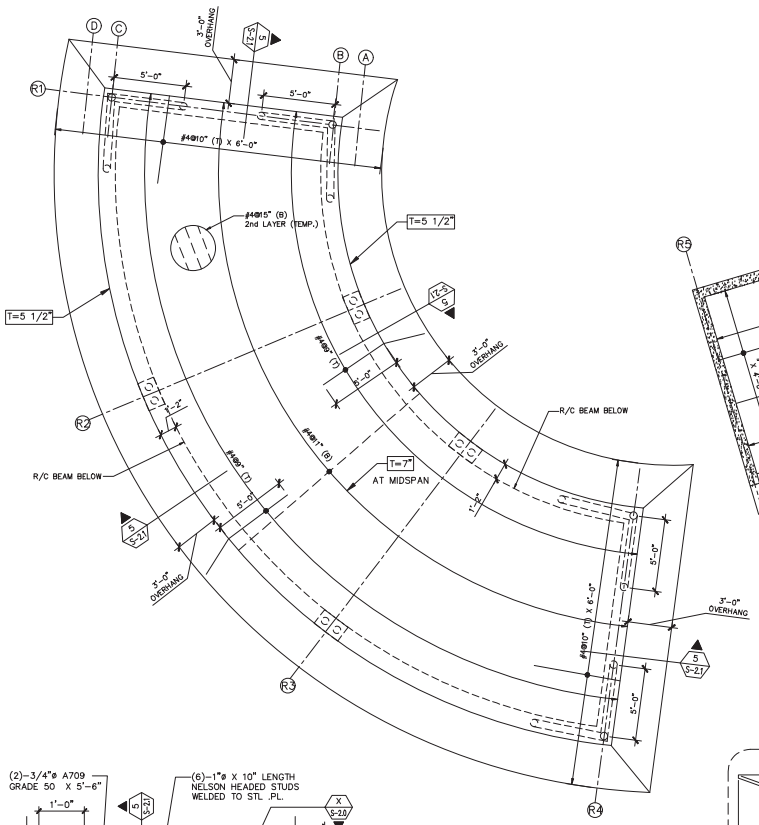
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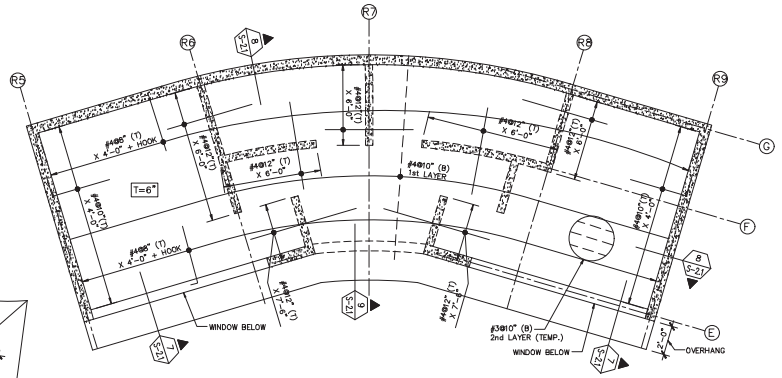
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 46

TOTAL 83

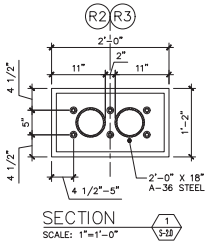
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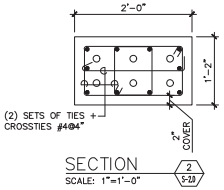
ROOF STRUCTURAL PLAN MAIN ENTRANCE AND BATHROOMS

SCALE: 1/4"=1'-0"



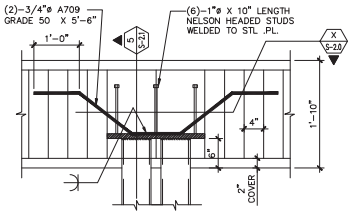
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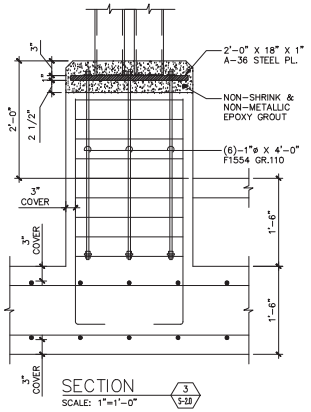
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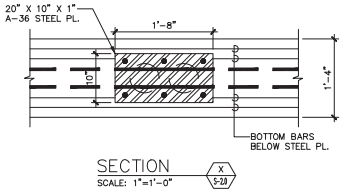
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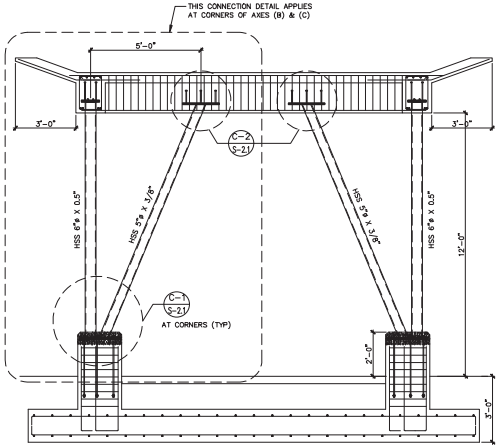
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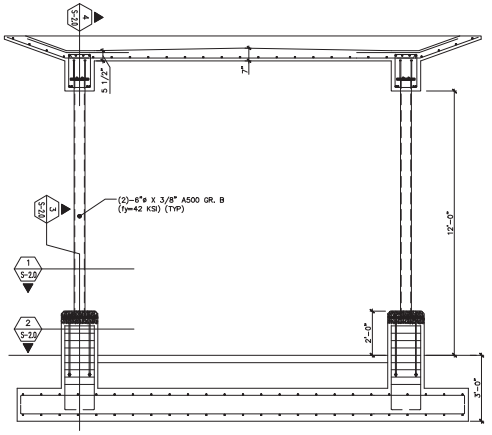
SECTION

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FRAME ELEVATION FOR AXES (R1) & (R4)

SCALE: 3/8"=1'-0"



FRAME ELEVATION FOR INTERIOR AXES (R2) & (R3)

SCALE: 3/8"=1'-0"

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DRAWING NAME
ROOF STRUCTURAL PLAN AND DETAILS

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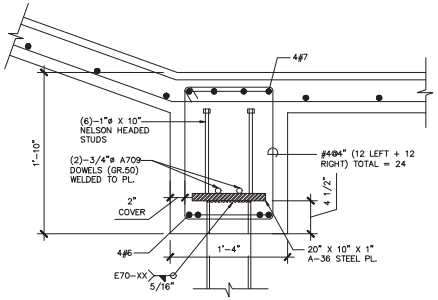
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PROJECT

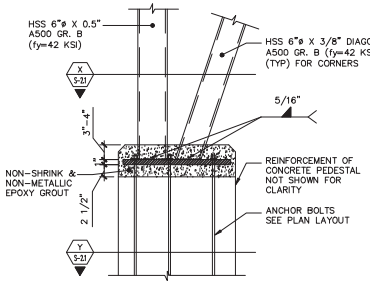
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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DRAWING NUMBER
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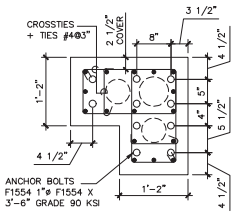


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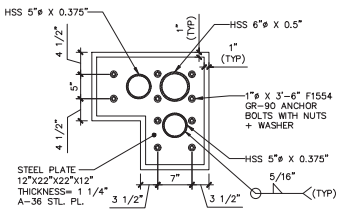
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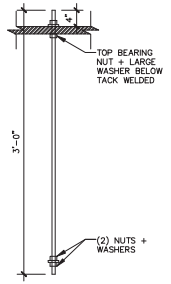
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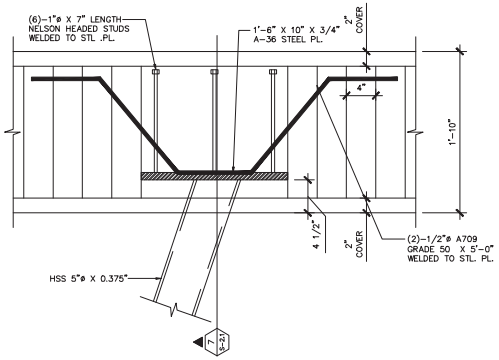


CORNER BASE PLATE

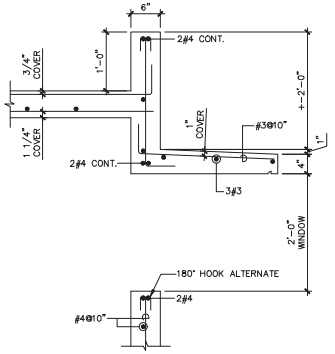
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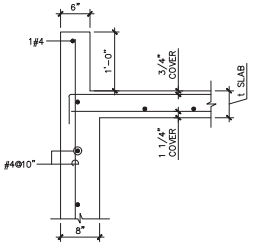
ANCHOR BOLT DETAIL
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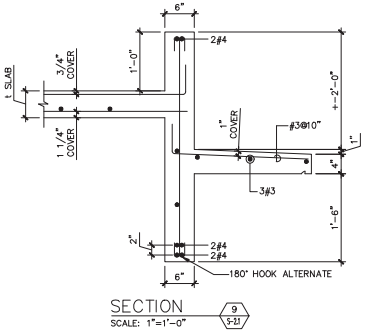
CONNECTION MKD' AS (C–2)
SCALE: 1 1/2"=1'–0"



SECTION
SCALE: 1"=1'–0"



SECTION
SCALE: 1"=1'–0"



SECTION
SCALE: 1"=1'–0"

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ROOF STRUCTURAL DETAILS

COMPUTER PLOT
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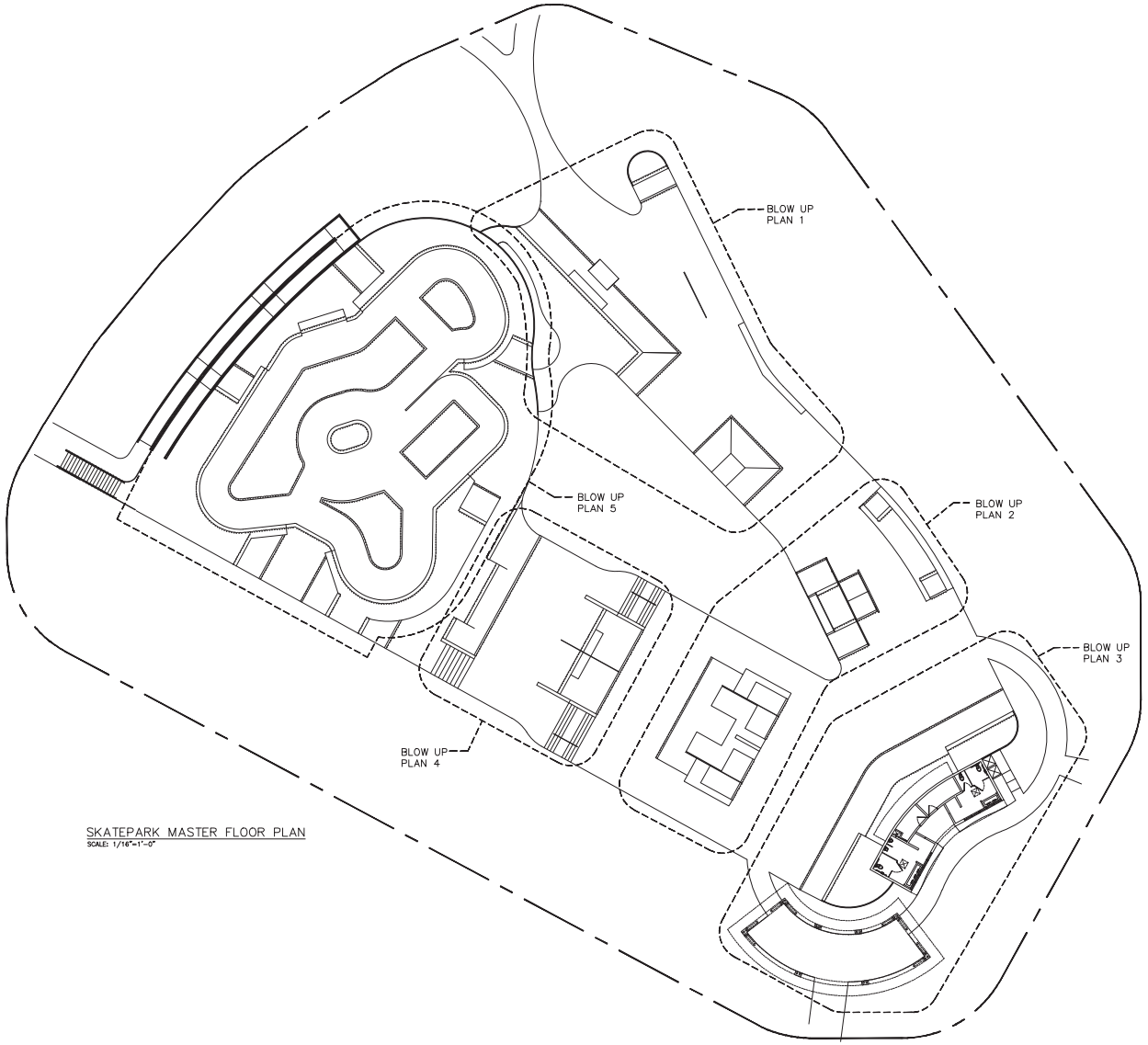
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
48	83

DRAWING NUMBER
S–2.1



SKATEPARK MASTER FLOOR PLAN
SCALE: 1/16"=1'-0"

OCT-30-2023

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CLIENT

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATEPARK MASTER FLOOR PLAN

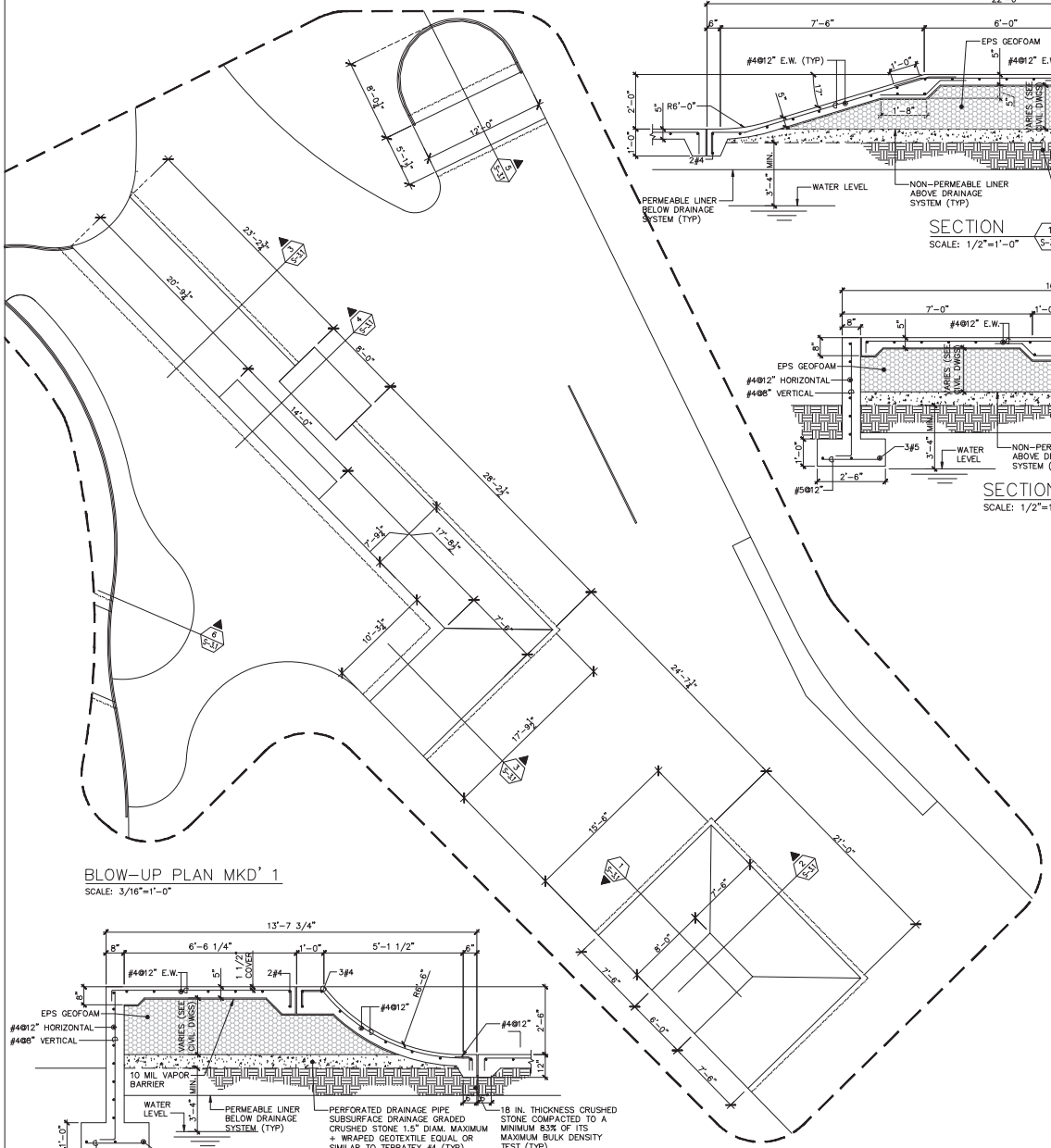
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NO.	DATE	REVISION	BY	APPROVED

PROJECT	
DRAWING BY/CHECKED BY	
L.D.D.	L.D.D.

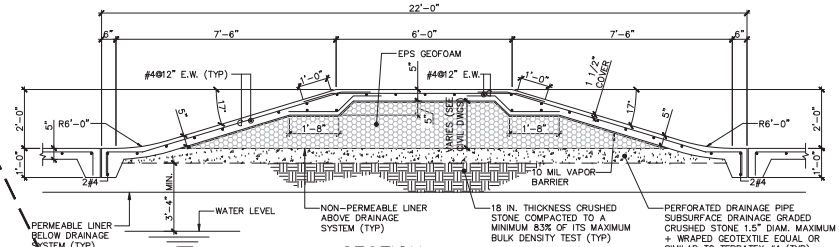
NUMBER	TOTAL
49	83

DRAWING NUMBER
S-3.0



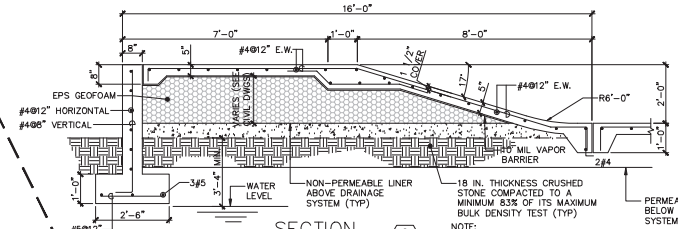
BLOW-UP PLAN MKD' 1

SCALE: 3/16"=1'-0"



SECTION 1 S-3.1

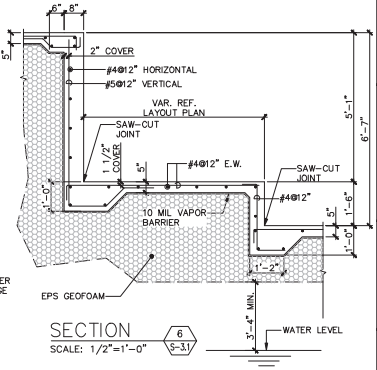
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SECTION 2 S-3.1

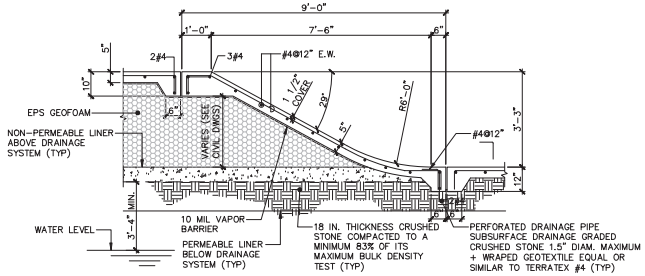
SCALE: 1/2"=1'-0"

NOTE:
EPS GEOFOAM FILL SHALL BE INSTALLED ABOVE WATER TABLE LEVEL AT LEAST 1 METER (3'-4") (TYPICAL)



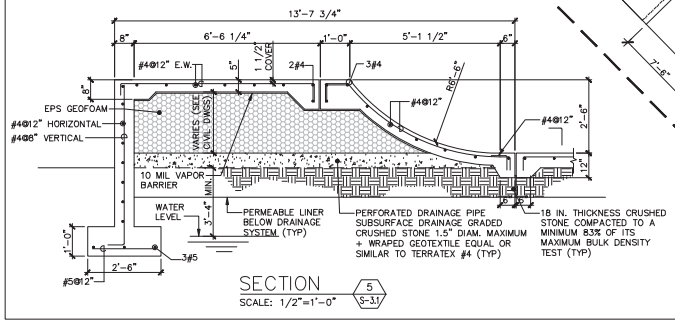
SECTION 6 S-3.1

SCALE: 1/2"=1'-0"



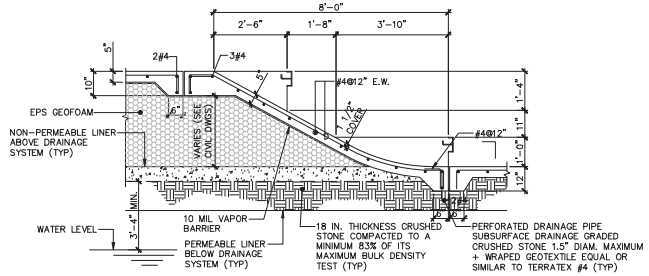
SECTION 3 S-3.1

SCALE: 1/2"=1'-0"



SECTION 5 S-3.1

SCALE: 1/2"=1'-0"



SECTION 4 S-3.1

SCALE: 1/2"=1'-0"

OCT-30-2023

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 1

COMPUTER PLOT
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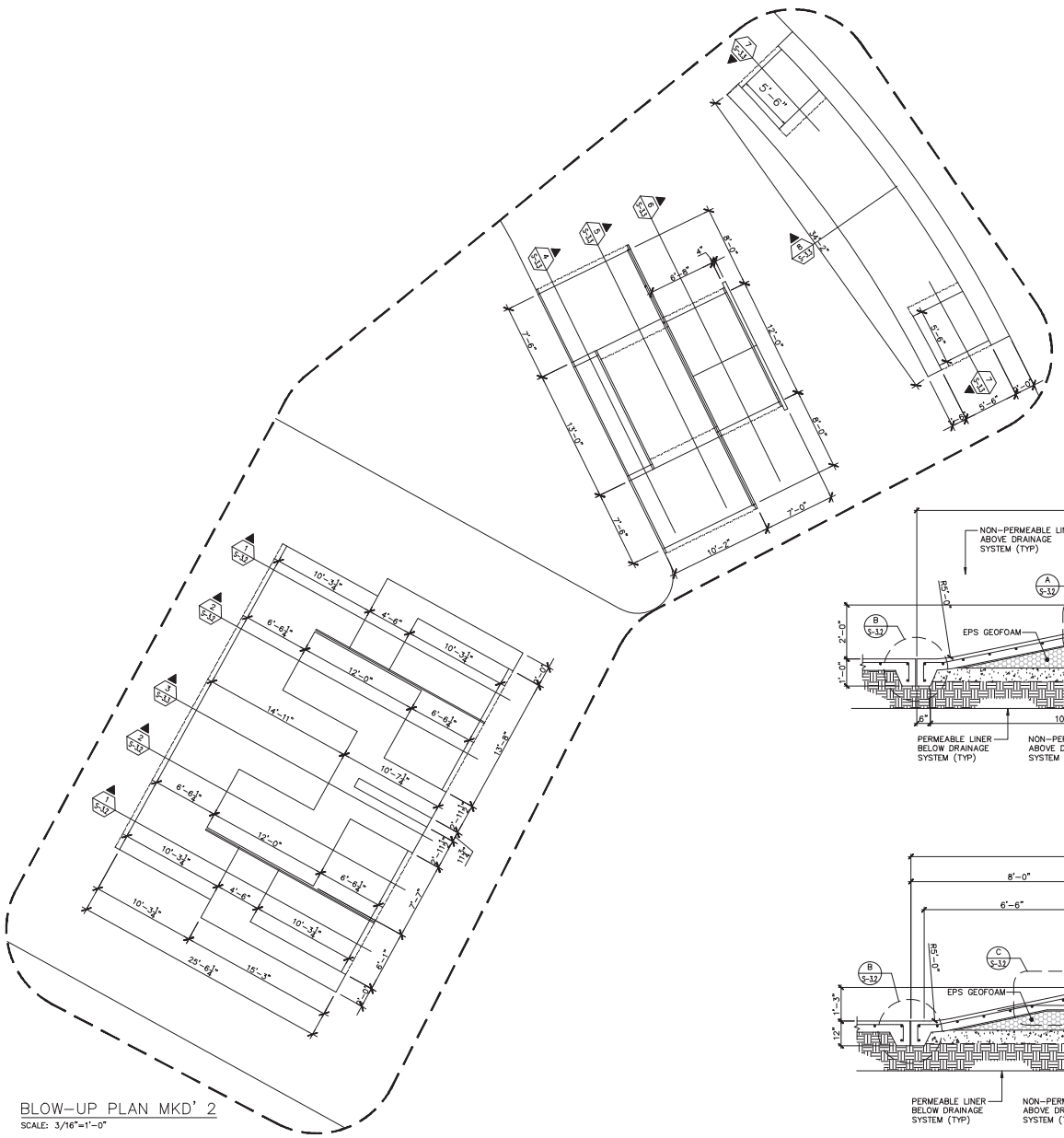
NO.	DATE	REVISION	BY	APPROVED

PROJECT

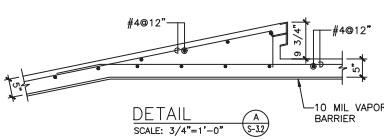
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 50 TOTAL 83

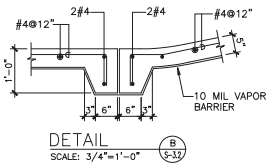
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S-3.1



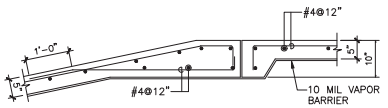
BLOW-UP PLAN MKD' 2
SCALE: 3/16"=1'-0"



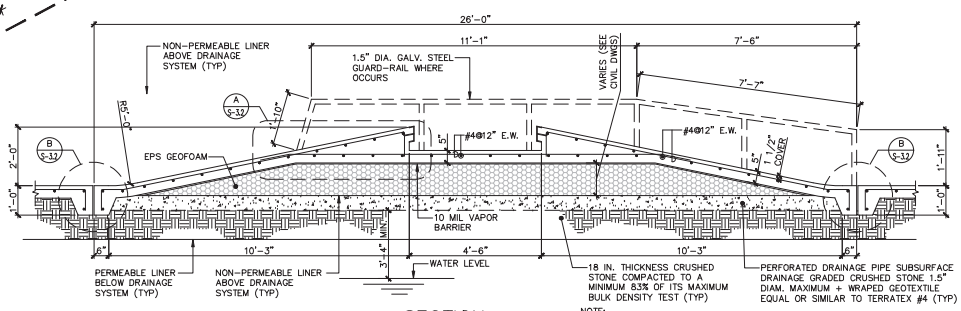
DETAIL A S-3.2
SCALE: 3/4"=1'-0"



DETAIL B S-3.2
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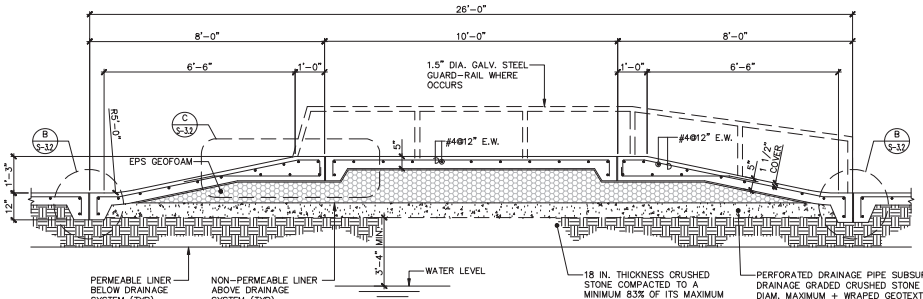


DETAIL C S-3.2
SCALE: 3/4"=1'-0"



SECTION 1 S-3.2
SCALE: 1/2"=1'-0"

NOTE:
EPS GEOFOAM FILL SHALL BE INSTALLED ABOVE WATER TABLE LEVEL AT LEAST 1 METER (3'-4") (TYPICAL)



SECTION 2 S-3.2
SCALE: 1/2"=1'-0"

OCT-30-2023

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DRAWING NAME
SKATE PARK
BLOW-UP 2

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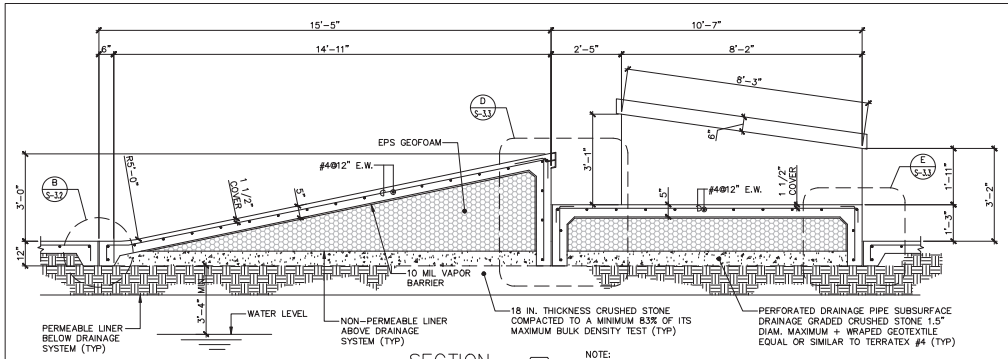
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

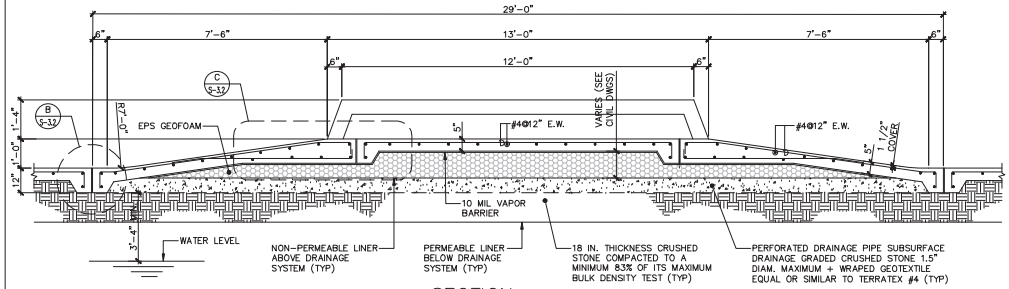
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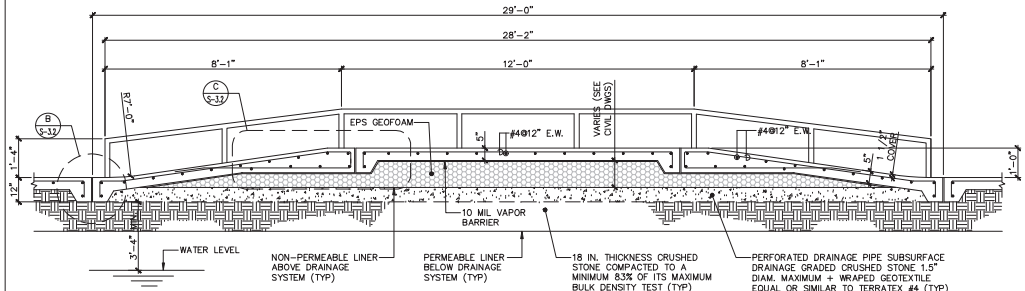


SECTION
SCALE: 1/2"=1'-0"
3 S-3.3

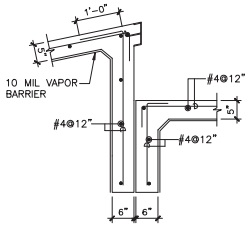
NOTE:
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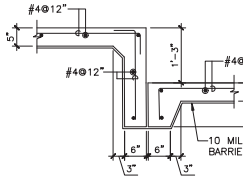
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4 S-3.3



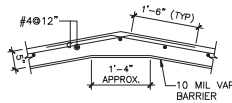
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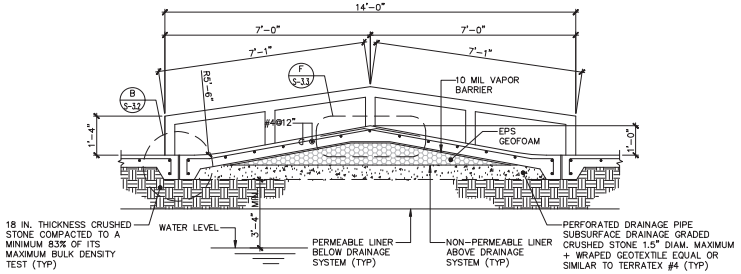
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D S-3.3



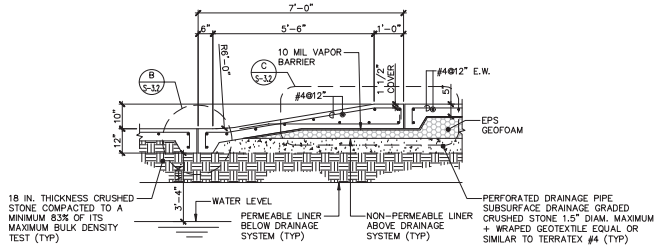
DETAIL
SCALE: 3/4"=1'-0"
E S-3.3



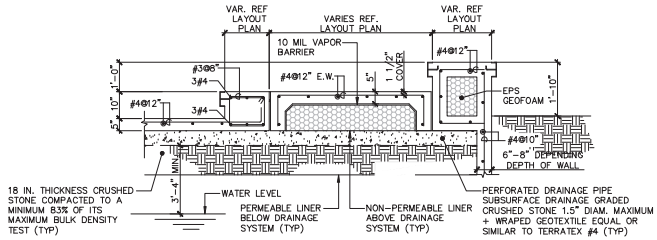
DETAIL
SCALE: 3/4"=1'-0"
F S-3.3



SECTION
SCALE: 1/2"=1'-0"
6 S-3.3



SECTION
SCALE: 1/2"=1'-0"
7 S-3.3



SECTION
SCALE: 1/2"=1'-0"
8 S-3.3

OCT-30-2023

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 2

COMPUTER PLOT
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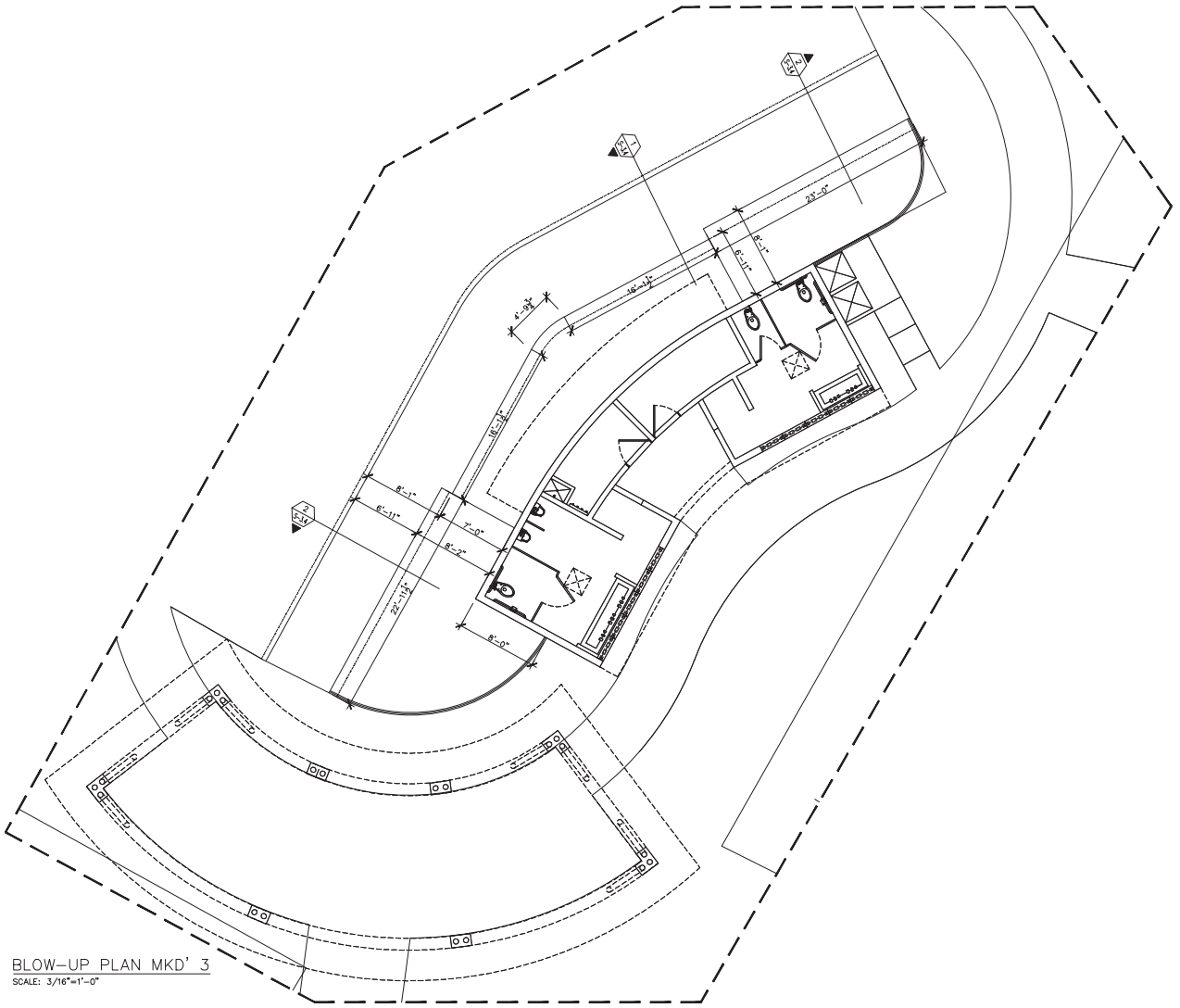
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

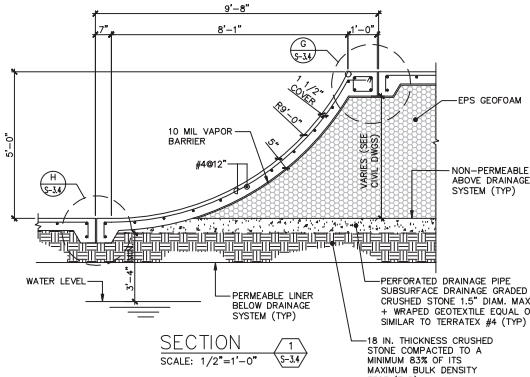
NUMBER 52
TOTAL 83

DRAWING NUMBER
S-3.3



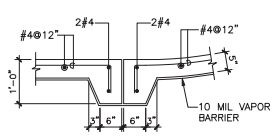
BLOW-UP PLAN MKD' 3

SCALE: 3/16"=1'-0"



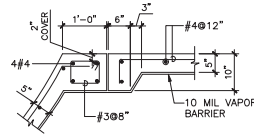
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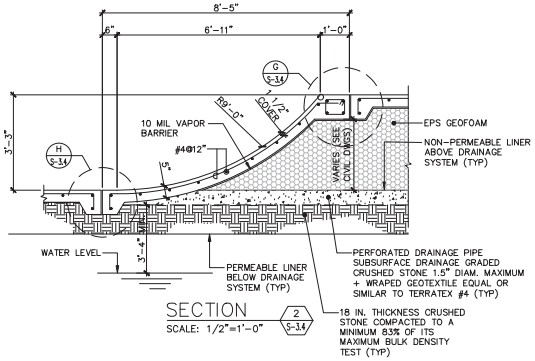
DETAIL (H S-3.4)

SCALE: 3/4"=1'-0"



DETAIL (G S-3.4)

SCALE: 3/4"=1'-0"



SECTION (2 S-3.4)

SCALE: 1/2"=1'-0"

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 3

COMPUTER PLOT
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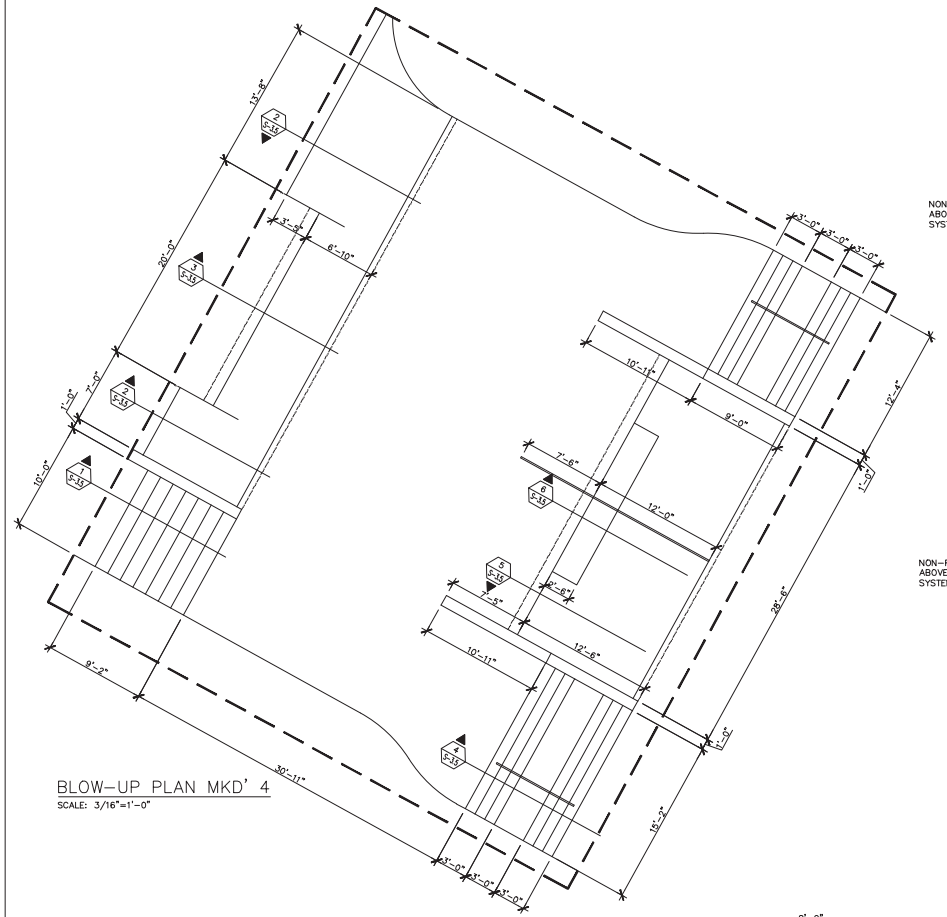
NO.	DATE	REVISION	BY	APPROVED

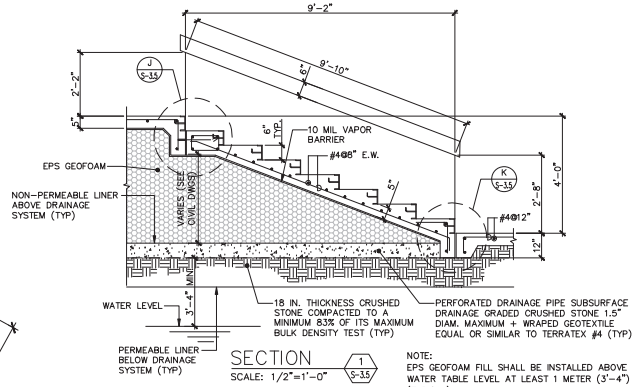
PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

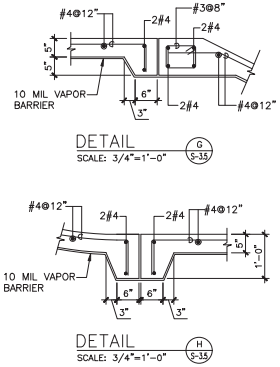
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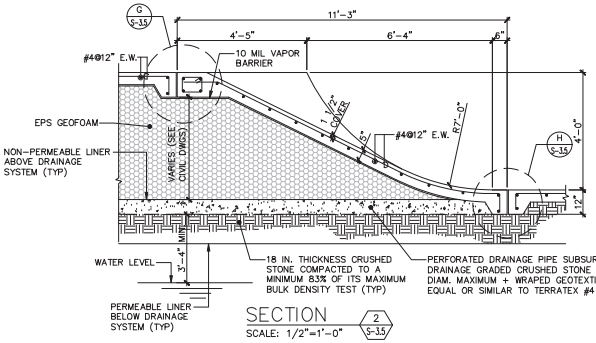
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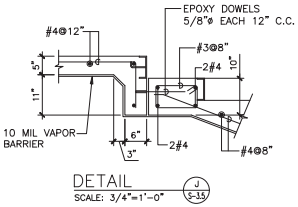


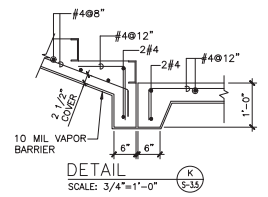


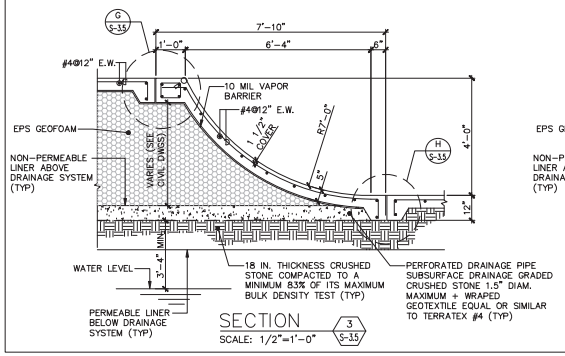
NOTE:
EPS GEOFOAM FILL SHALL BE INSTALLED ABOVE WATER TABLE LEVEL AT LEAST 1 METER (3'-4") (TYPICAL)

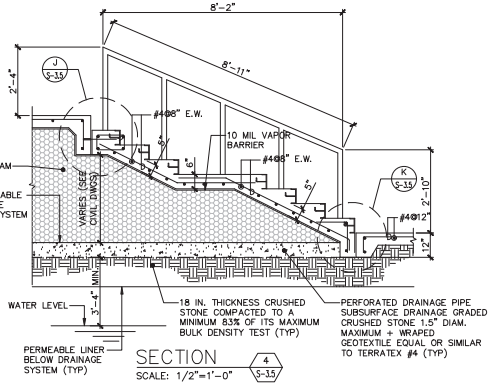


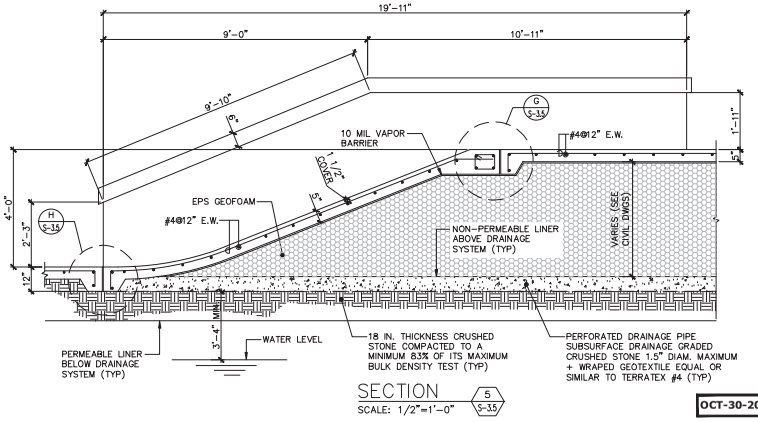












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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 4

COMPUTER PLOT
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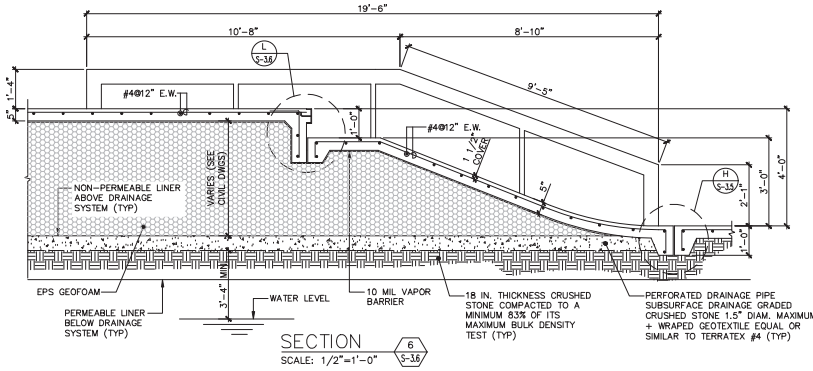
NO.	DATE	REVISION	BY	APPROVED

PROJECT

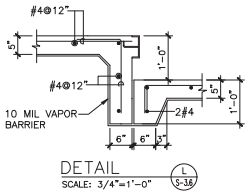
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 54 TOTAL 83

DRAWING NUMBER
S-3.5



SECTION
SCALE: 1/2"=1'-0"
6
S-3.6



DETAIL
SCALE: 3/4"=1'-0"
L
S-3.6

OCT-30-2023

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CLIENT

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 4

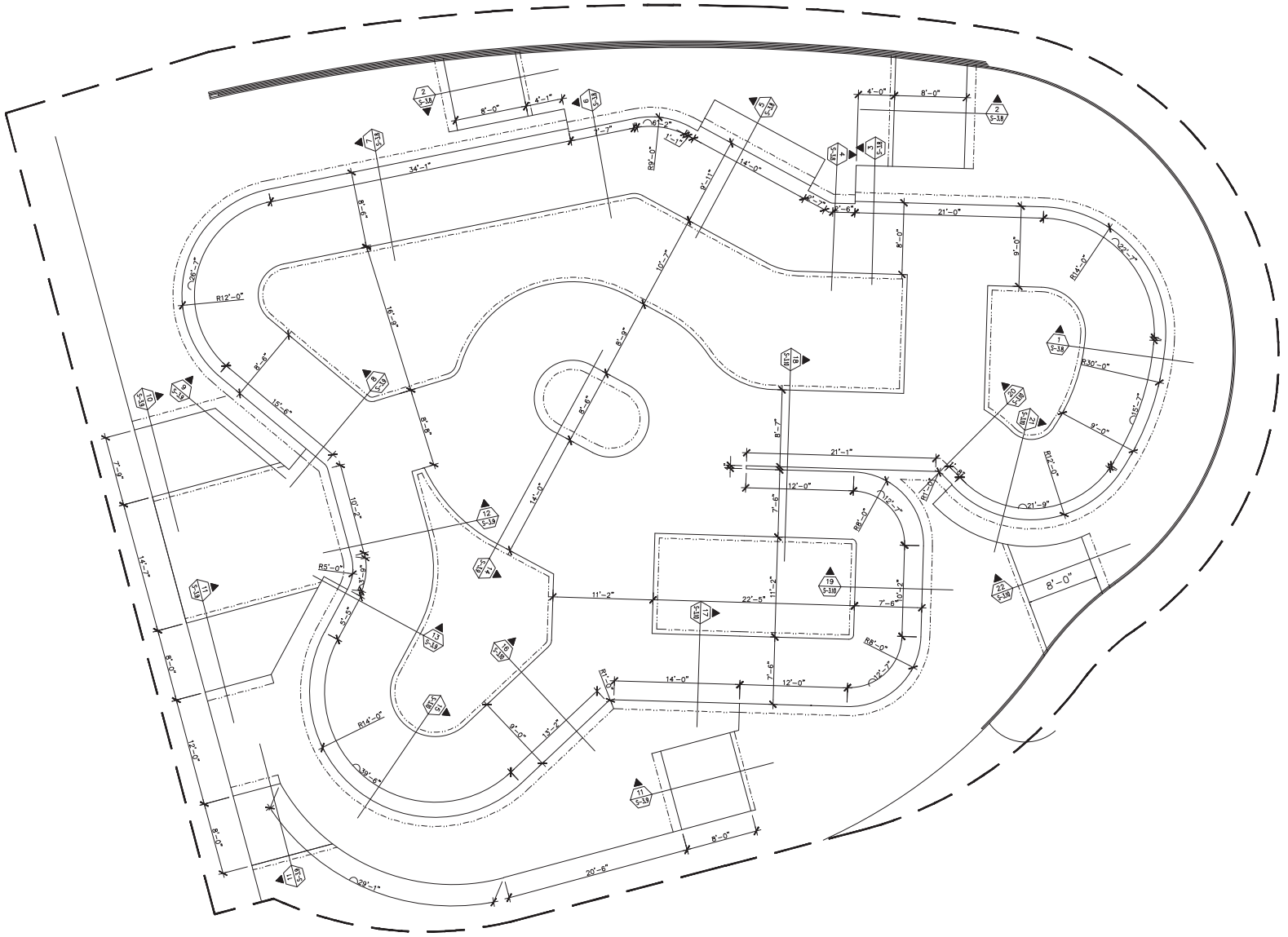
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NO.	DATE	REVISION	BY	APPROVED

PROJECT	
DRAWING BY/CHECKED BY	
L.D.D.	L.D.D.

NUMBER	TOTAL
55	83

DRAWING NUMBER
S-3.6



BLOW–UP PLAN MKD' 5

SCALE: 3/16"=1'–0"

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YO, LUIS DAZA DUARTE LICENCIA #5,870 E CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO O ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION Y ESTAN EN CONFORMIDAD CON CODIGO DE CONSTRUCCION DE PUERTO RICO 2018" VIGENTE AL 31 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMAS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA " LEY PARA LA INVERSIÓN EN LA INDUSTRIA FILMOGRÁFICA " Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1931, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y ADMINISTRATIVA POR LA CUAL

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW–UP 5

COMPUTER PLOT
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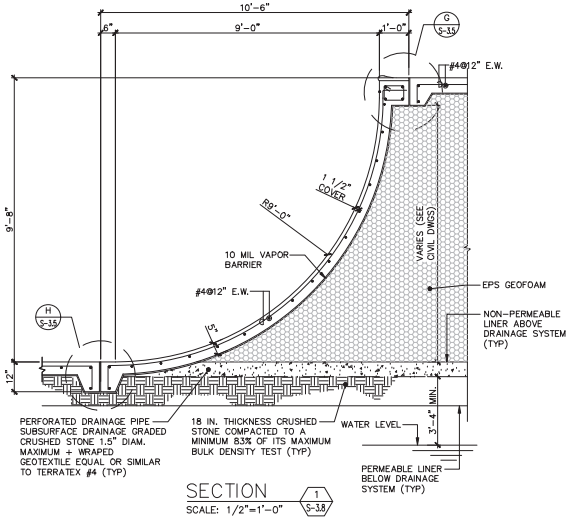
NO.	DATE	REVISION	BY	APPROVED

PROJECT

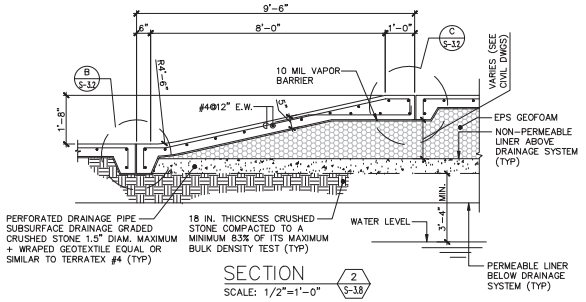
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
56	83

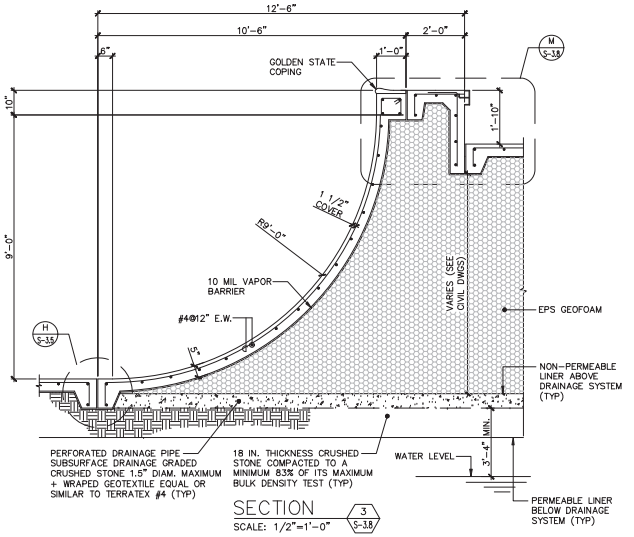
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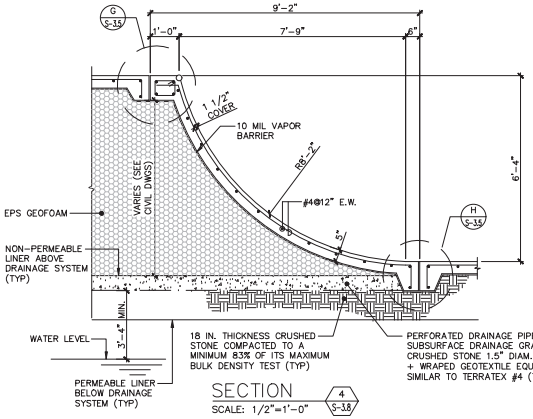
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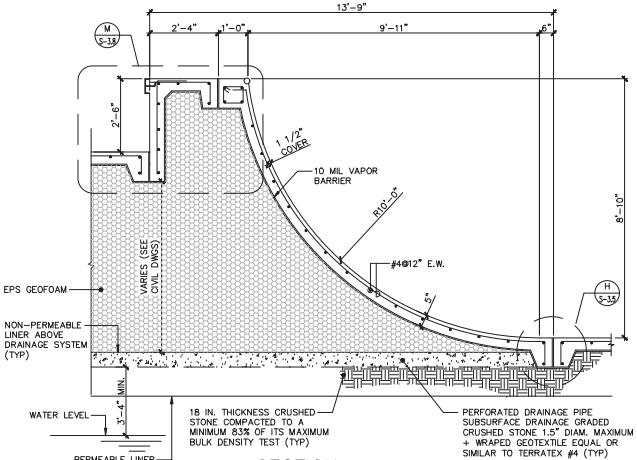
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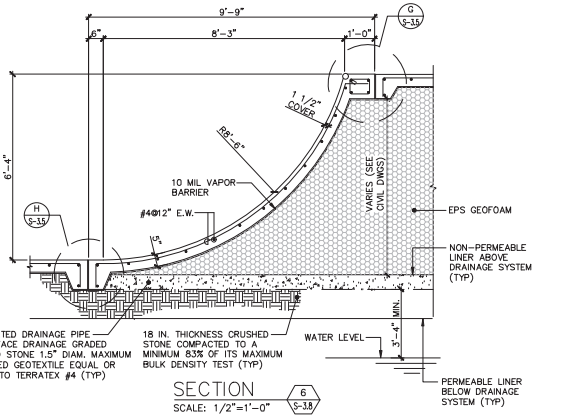
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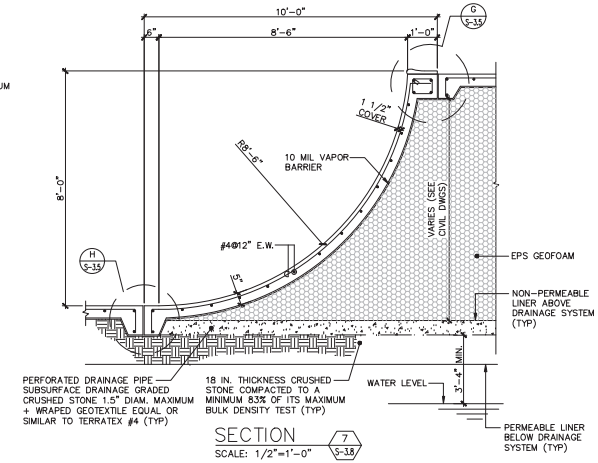
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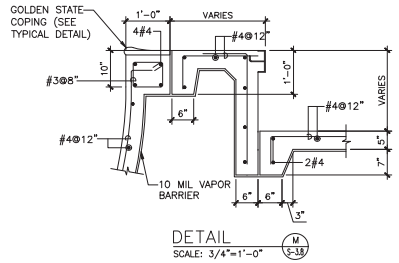
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5 S-3.8



SECTION
SCALE: 1/2"=1'-0"
6 S-3.8



SECTION
SCALE: 1/2"=1'-0"
7 S-3.8



DETAIL
SCALE: 3/4"=1'-0"
M S-3.8

OCT-30-2023

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DRAWING NAME
SKATE PARK
BLOW-UP 5

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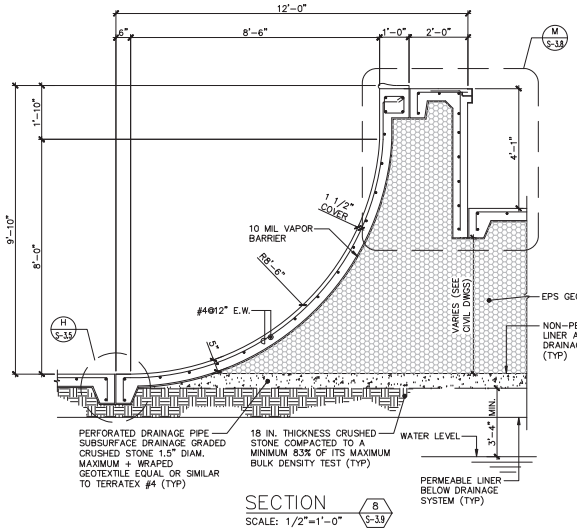
NO.	DATE	REVISION	BY	APPROVED

PROJECT

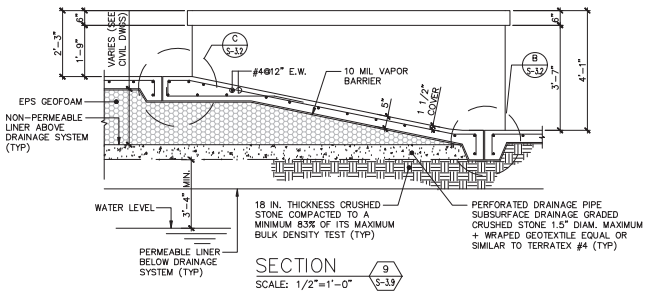
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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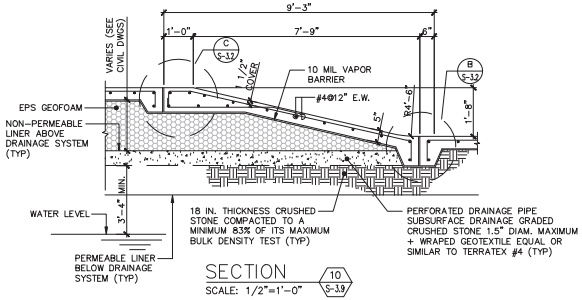
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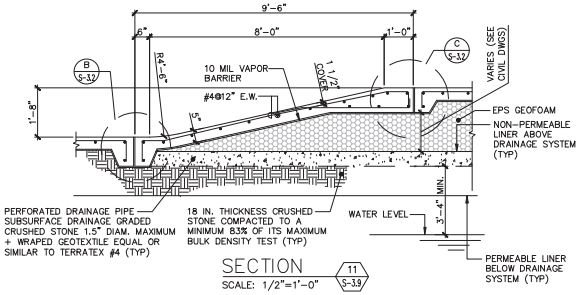
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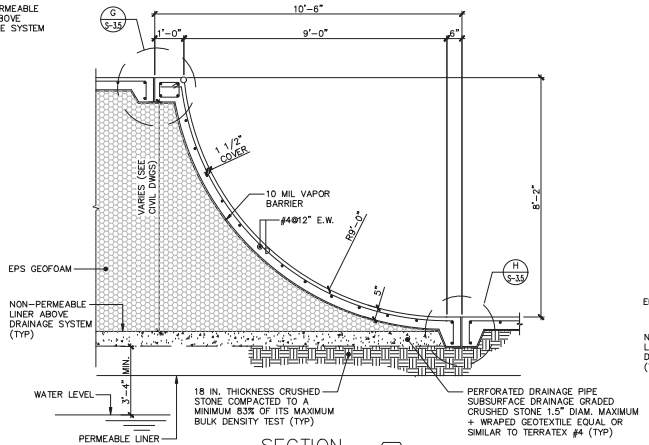
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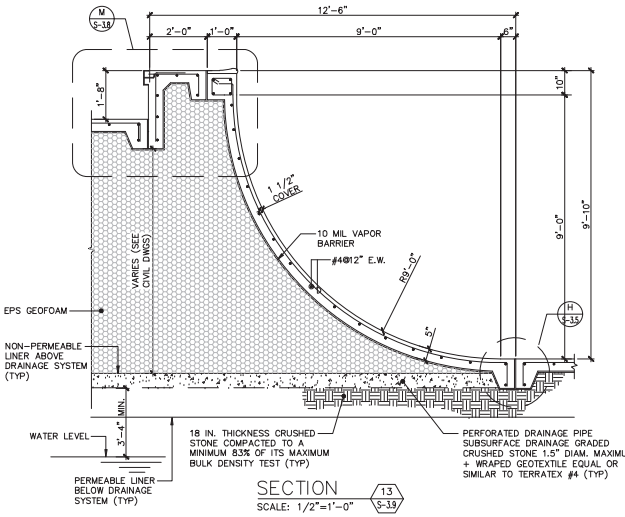
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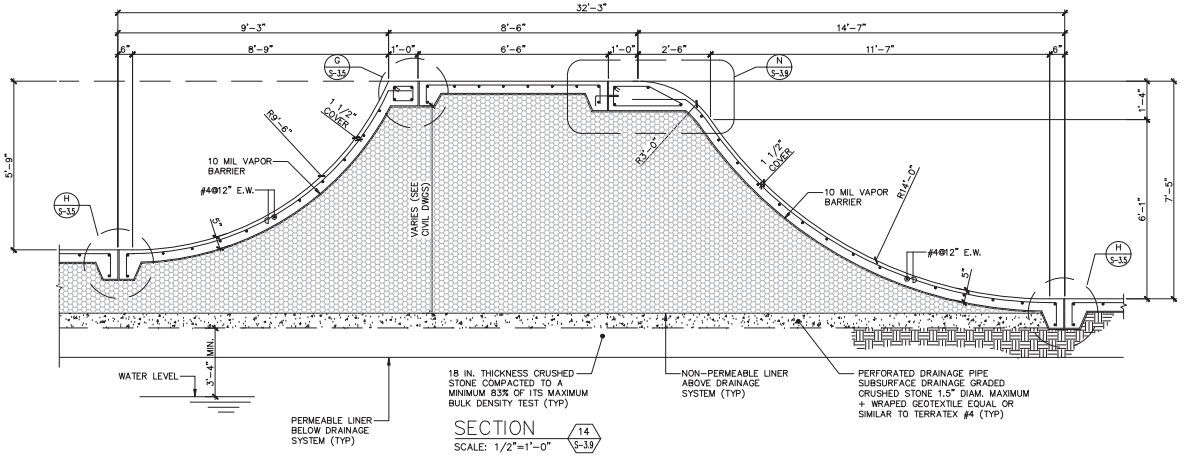
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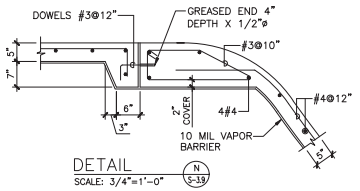
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SECTION
SCALE: 1/2"=1'-0"
13
S-3.9



SECTION
SCALE: 1/2"=1'-0"
14
S-3.9



DETAIL
SCALE: 3/4"=1'-0"
N
S-3.8

OCT-30-2023

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MANAGER
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DRAWING NAME
SKATE PARK
BLOW-UP 5

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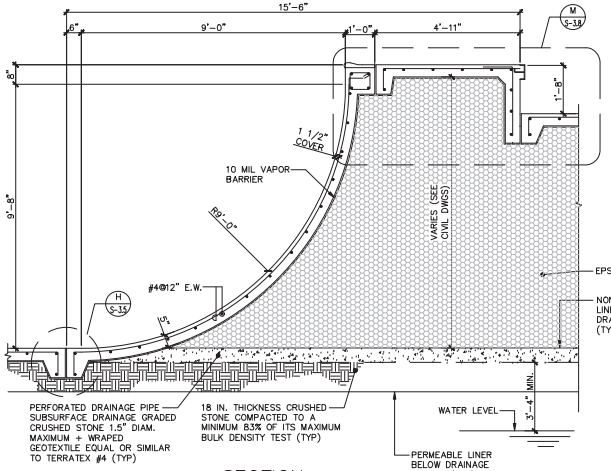
NO.	DATE	REVISION	BY	APPROVED

PROJECT

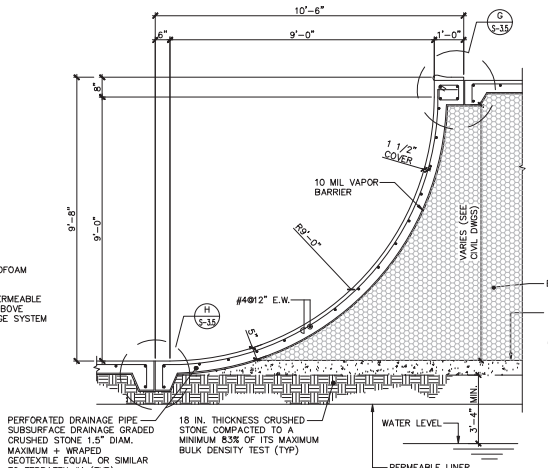
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

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58	83

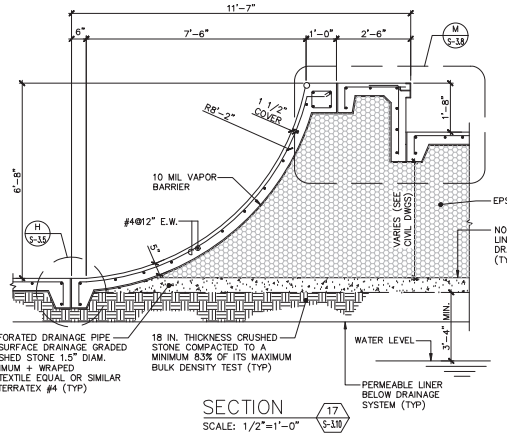
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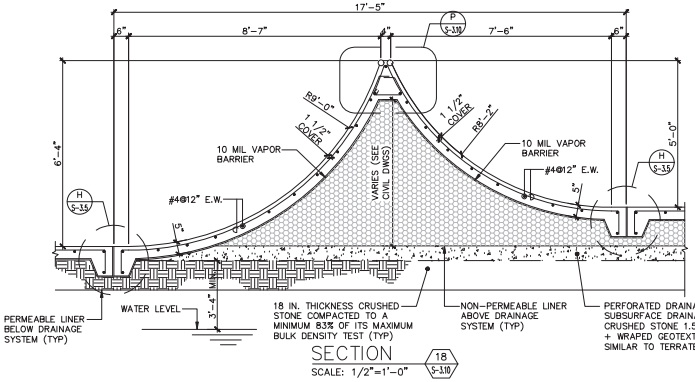
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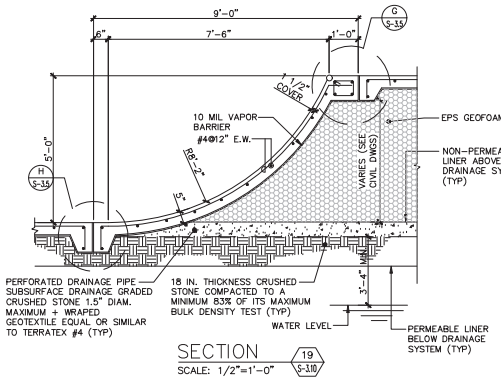
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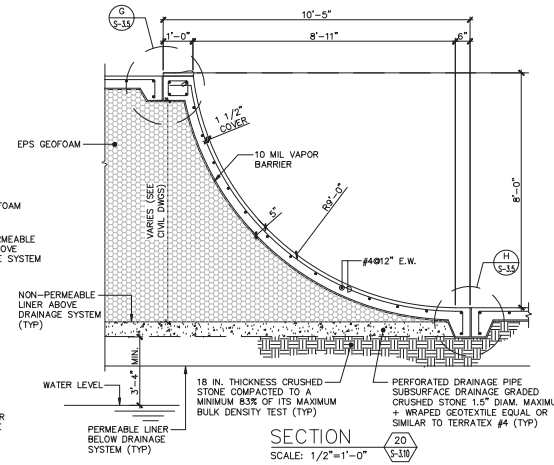
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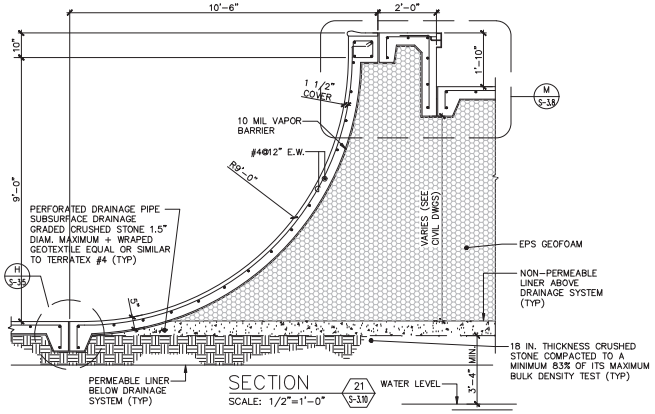
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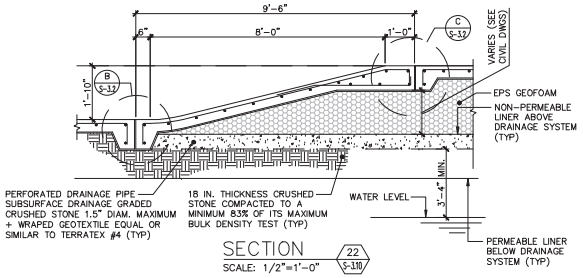
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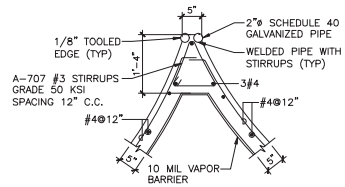
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SECTION 21 S-3.10
SCALE: 1/2"=1'-0"



SECTION 22 S-3.10
SCALE: 1/2"=1'-0"



DETAIL P S-3.10
SCALE: 3/4"=1'-0"

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NO.	DATE	REVISION	BY	APPROVED

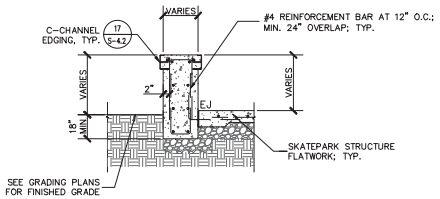
PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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DRAWING NUMBER
S-3.10

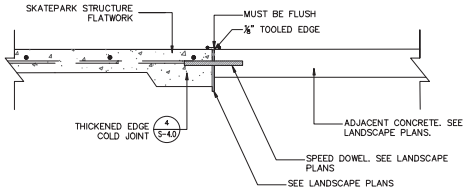
OCT-30-2023



CAST IN PLACE LEDGE W/ C-CHANNEL EDGING

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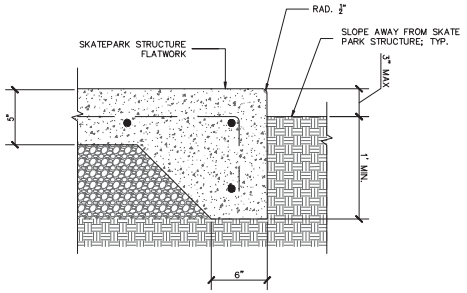
1 S-4.0



SKATEPARK EDGE AT CONCRETE PAVEMENT

SCALE: NOT TO SCALE

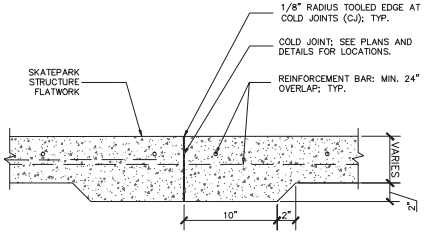
2 S-4.0



SKATEPARK THICKEN EDGE

SCALE: NOT TO SCALE

3 S-4.0

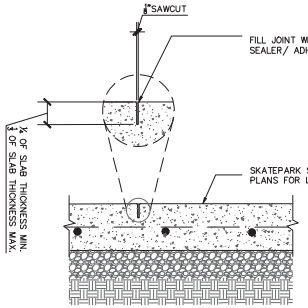


NOTE:
1. ALL REINFORCEMENT BAR SHALL HAVE MIN. 24" OVERLAP.
2. SEE CONSTRUCTION PLAN AND DETAILS FOR COLD JOINT LOCATIONS
3. THICKENED FLATWORK EDGE SHALL BE CONSTRUCTED ON ALL COLD JOINT LOCATIONS

TYP. SKATEPARK FLATWORK COLD JOINT (CJ)

SCALE: NOT TO SCALE

4 S-4.0

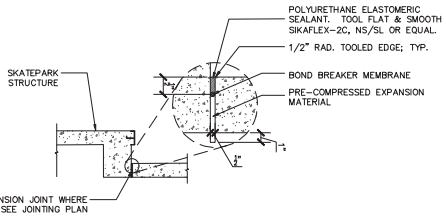


NOTE:
1. CONTRACTOR SHALL LOCATE SAWCUTS APPROXIMATELY EVERY 10' O.C. (100 SF) UNLESS SHOWN OTHERWISE.
2. SEE JOINTING PLAN FOR SAWCUT LOCATIONS.

SAWCUT

SCALE: NOT TO SCALE

5 S-4.0

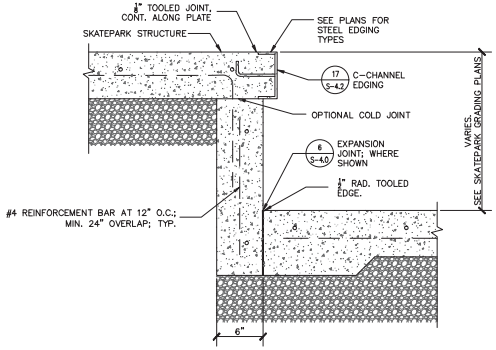


NOTE:
1. MINIMUM CAULKING THICKNESS WITH BGOND BREAKER IN PLACE IS ½".
2. SEE SKATE PARK JOINT PLAN SP7.0 AND DETAILS FOR LOCATIONS.

EXPANSION JOINT (EJ)

SCALE: NOT TO SCALE

6 S-4.0



TURNDOWN WALL

SCALE: NOT TO SCALE

7 S-4.0

OCT-30-2023

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PROJECT
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DRAWING NAME
STRUCTURAL STANDARDS DETAILS

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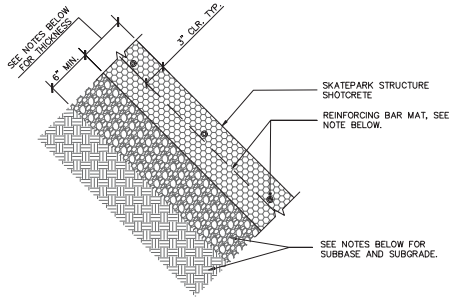
NO.	DATE	REVISION	BY	APPROVED

PROJECT

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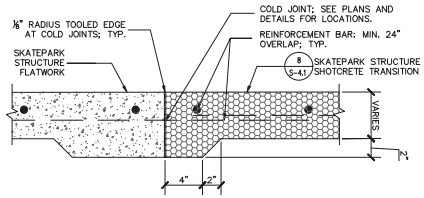
NUMBER	TOTAL
60	83

DRAWING NUMBER
S-4.0



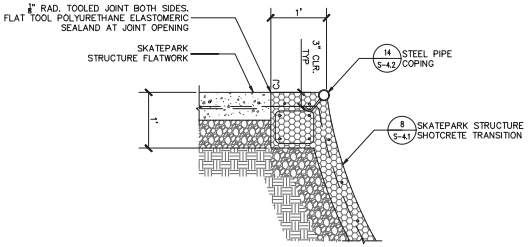
NOTES:
1. SEE SKATEPARK STRUCTURE LEGEND FOR SHOTCRETE THICKNESS AND REINFORCEMENT REQUIREMENTS.
2. SEE TRANSITION SUBBASE APPLICATION DETAIL 13/SP8.1 FOR SUBBASE REQUIREMENTS.
3. ALL SHOTCRETE TO HAVE A HARD TROWEL FINISH UNLESS NOTED OTHERWISE.

SKATEPARK STRUCT. SHOTCRETE TRANSITION (8 / S-4.1)
SCALE: NOT TO SCALE



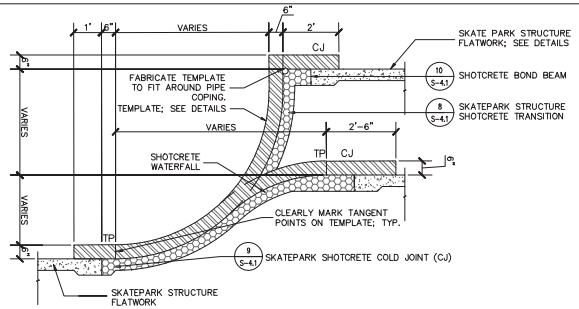
NOTE:
1. ALL REINFORCEMENT BAR SHALL HAVE MIN. 24" OVERLAP.
2. SEE CONSTRUCTION PLAN AND DETAILS FOR COLD JOINT LOCATIONS.
3. THICKENED SHOTCRETE EDGE SHALL BE CONSTRUCTED ON ALL SHOTCRETE TRANSITIONS BOTTOM LOCATIONS

SKATEPARK SHOTCRETE COLD JOINT (9 / S-4.1)
SCALE: NOT TO SCALE



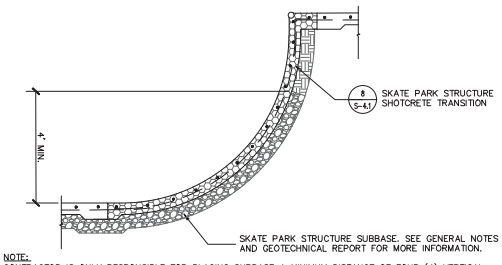
NOTE:
1. BUILD BOND BEAMS AT TOPS OF ALL SHOTCRETE TRANSITIONS UNLESS SPECIFICALLY SHOWN OTHERWISE IN THE SKATEPARK DETAILS.

SHOTCRETE BOND BEAM (10 / S-4.1)
SCALE: NOT TO SCALE



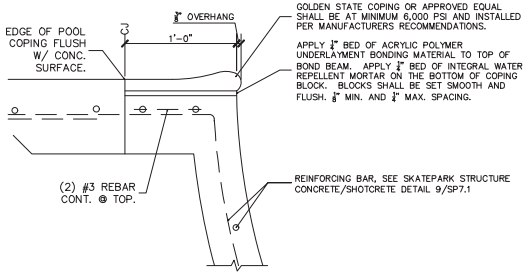
NOTES:
1. USE NON-FLEX PLYWOOD, ALUMINUM, OR METAL FOR TEMPLATES.
2. CONTRACTOR SHALL FABRICATE AND USE TEMPLATES FOR EACH SHOTCRETE DETAIL. TEMPLATES MUST BE REVIEWED AND APPROVED BY OWNER'S REPRESENTATIVE IN ADVANCE OF THE DAY SHOTCRETE WILL BE PLACED. TEMPLATES MUST BE LOCATED IN THE RESPECTIVE AREAS OF USE BEFORE INSPECTION.

SKATEPARK STRUCT. SHOTCRETE TRANSITION (11 / S-4.1)
SCALE: NOT TO SCALE



NOTE:
CONTRACTOR IS ONLY RESPONSIBLE FOR PLACING SUBBASE A MINIMUM DISTANCE OF FOUR (4) VERTICAL FEET UP ALL TRANSITIONS AS MEASURED FROM THE BOTTOM TANGENT POINT (TP) AS SHOWN. THIS VARIANCE ONLY APPLIES TO TRANSITIONS THAT APPROACH NEAR VERTICAL CONDITIONS ABOVE FOUR (4) VERTICAL FEET FROM THE BOTTOM TANGENT POINT (TP) ELEVATION. SHOTCRETE APPLIED IN CONDITIONS WITHOUT THE SUBBASE SHALL BE PER THE SPECIFIED THICKNESS. NO ADDITIONAL SHOTCRETE SHALL BE REQUIRED AS THE SUBGRADES WILL BE GRADED TO THE ELEVATIONS OF THE SUBBASE.

TRANSITION SUB-BASE APPLICATION (12 / S-4.1)
SCALE: NOT TO SCALE



NOTE:
ALTERNATE COPING BLOCKS BETWEEN 'CARBON' AND 'NOPAL'. COPING COLORS MUST BE CONFIRMED BY SKATEPARK DESIGNER BEFORE INSTALLATION.

POOL COPING (13 / S-4.1)
SCALE: NOT TO SCALE

OCT-30-2023

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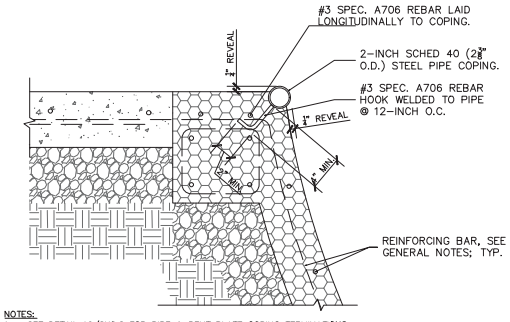
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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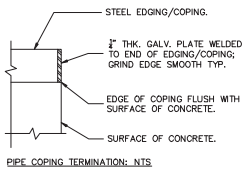
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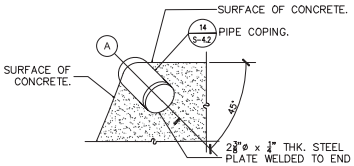
NOTES:
1. SEE DETAIL 16/SK8.2 FOR PIPE & BENT PLATE COPING TERMINATIONS.

STEEL PIPE COPING (14 / S-4.2)

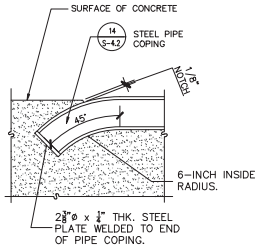
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PIPE COPING TERMINATION: NTS



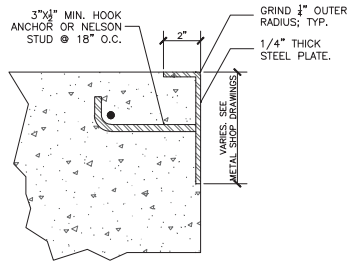
PIPE COPING SIDE ELEVATION



SECTION

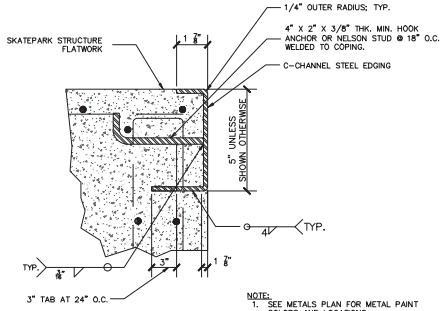
STEEL EDGING & PIPE COPING TERMINATION (15 / S-4.2)

SCALE: NOT TO SCALE



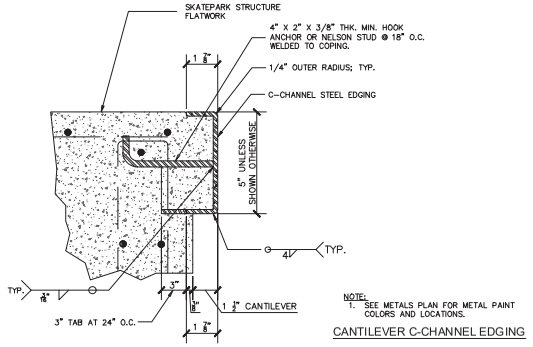
STEEL PLATE (WITH 2" FLANGE) (16 / S-4.2)

SCALE: NOT TO SCALE



NOTE:
1. SEE METALS PLAN FOR METAL PAINT COLORS AND LOCATIONS.

FLUSH C-CHANNEL EDGING

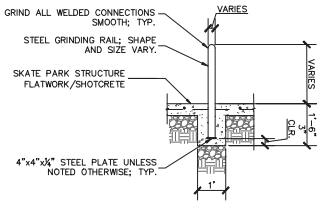


NOTE:
1. SEE METALS PLAN FOR METAL PAINT COLORS AND LOCATIONS.

CANTILEVER C-CHANNEL EDGING

5" C-CHANNEL ENDING (FLUSH AND CANTILEVER) (17 / S-4.2)

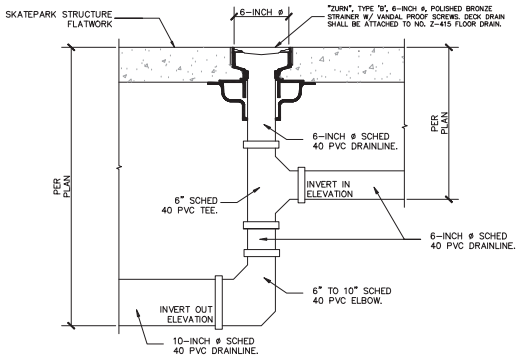
SCALE: NOT TO SCALE



NOTE:
1. GRIND ALL WELDED CONNECTIONS SMOOTH; TYP.
2. SEE METALS PLAN SP6.0 FOR STEEL PAINTING REQUIREMENTS.

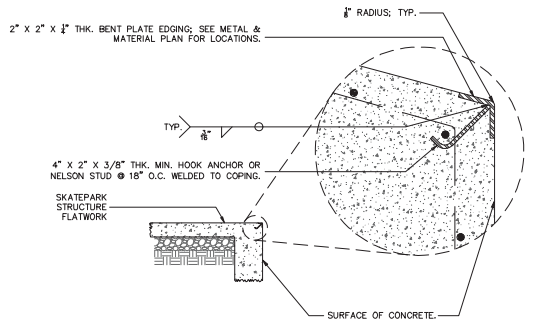
SKATE RAIL HUBBA FOOTING (18 / S-4.2)

SCALE: NOT TO SCALE



DRAIN & DRAIN LINE END CONNECTION (19 / S-4.2)

SCALE: NOT TO SCALE



NOTE:
1. GRIND ALL WELDED CONNECTIONS SMOOTH; TYP.
2. SEE METALS PLAN SP3.0 AND SP11.0 FOR STEEL PAINTING REQUIREMENTS.

BENT PLATE EDGING (20 / S-4.2)

SCALE: NOT TO SCALE

OCT-30-2023

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
STRUCTURAL STANDARDS DETAILS

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES MADE ON HARD COPY MUST BE TRANSFERRED TO CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

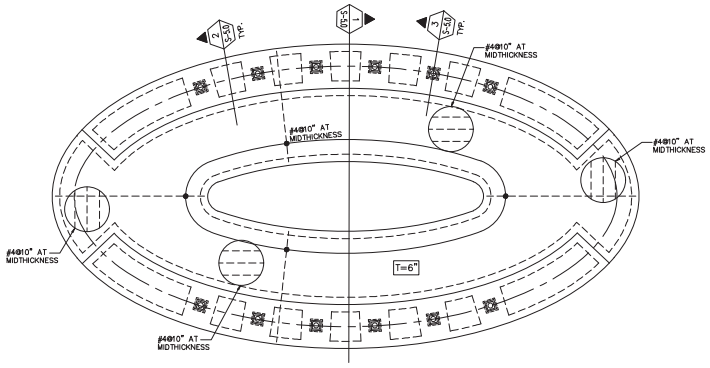
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

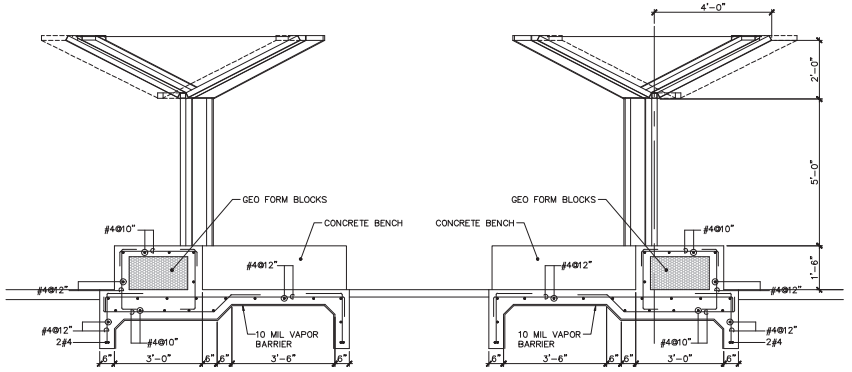
NUMBER	TOTAL
62	83

DRAWING NUMBER
S-4.2



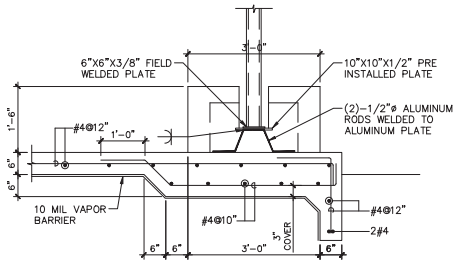
GAZEBOS FOUNDATION PLAN

SCALE: 1/4"=1'-0"



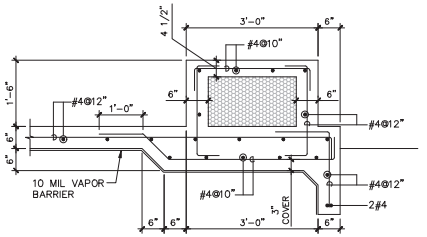
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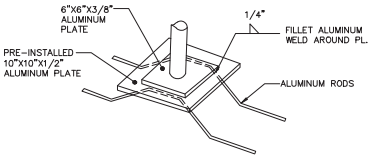
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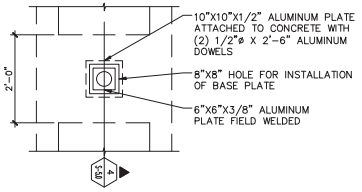
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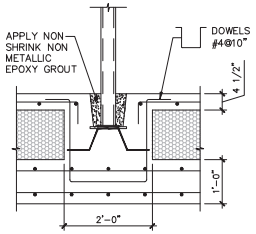
BASE PLATE DETAIL

SCALE: 1"=1'-0"



BASE PLATE (TOP VIEW)

SCALE: 3/4"=1'-0"



SECTION (4 / S-5.0)

SCALE: 3/4"=1'-0"

OCT-30-2023

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ARCHITECT'S SEAL

ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO.7399

CONSULTANT'S SEAL

"YO, LUIS DAZA DUARTE, LICENCIA #11,077, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CON LAS TEY LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN ENCONFORMIDAD CON CÓDIGOS DE CONSTRUCCIÓN EQUIPO EL 2018 VIGENTE AL 110 ENDVIEMBRE DEL CORTE DEL ASIMAS, QUE EN LA PREPARACIÓN DESTOS PLANOS YESPECIFICACIONES SE HA CUMPLIDO DEBIDAMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DEENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 339 DE 15 DE MAYO DE 2006, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER ERROR, ABANDONO A SU FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PROCEDIDO POR DESIGNIOCOMETIDO POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR TERCERA PERSONA CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DEUDA PARA POR LA DISPE

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

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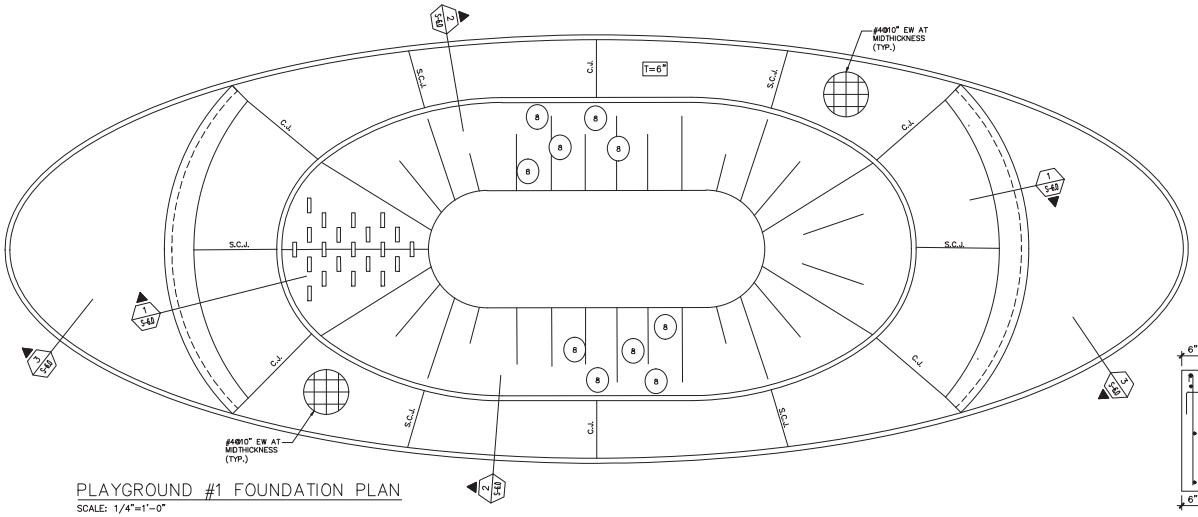
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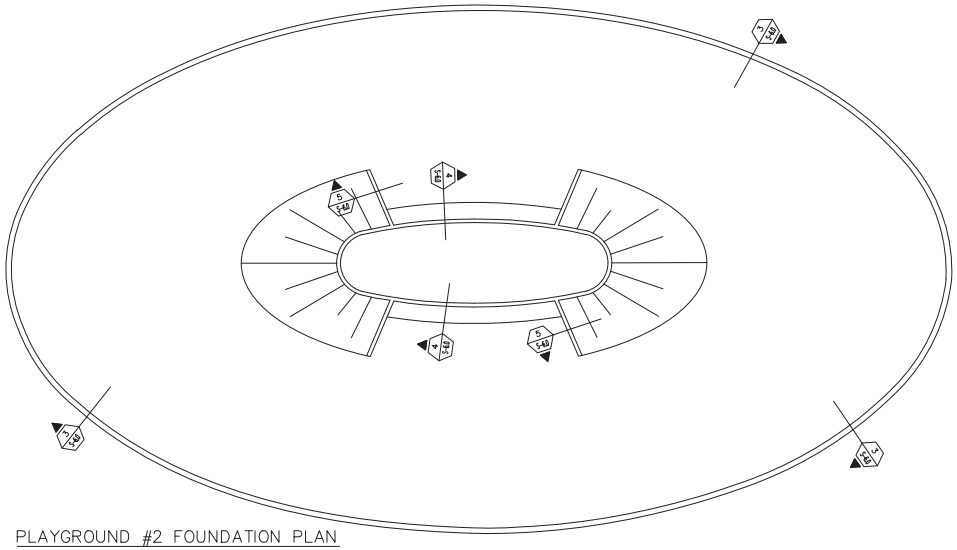
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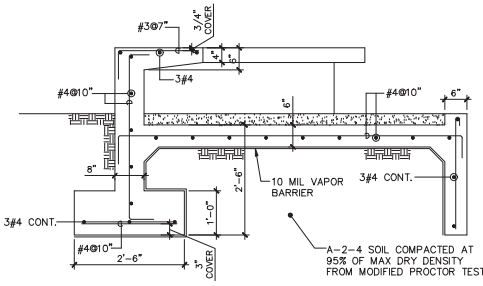
PLAYGROUND #1 FOUNDATION PLAN

SCALE: 1/4"=1'-0"



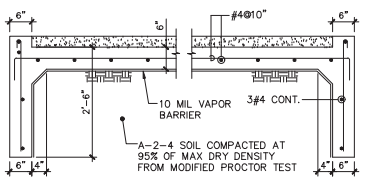
PLAYGROUND #2 FOUNDATION PLAN

SCALE: 3/16"=1'-0"



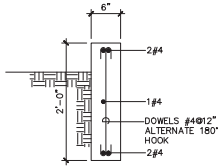
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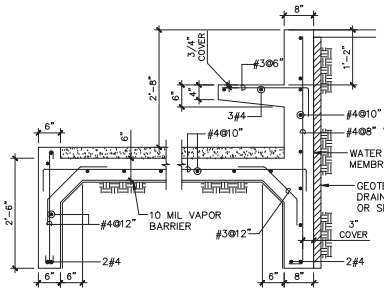
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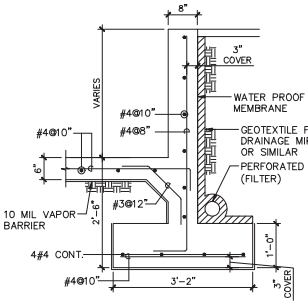
SECTION

SCALE: 1"=1'-0"



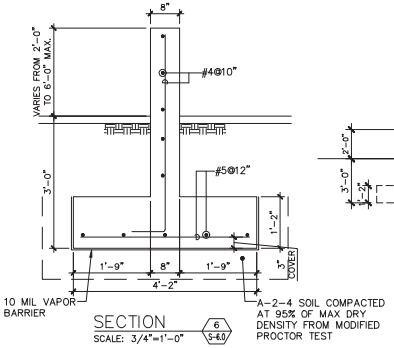
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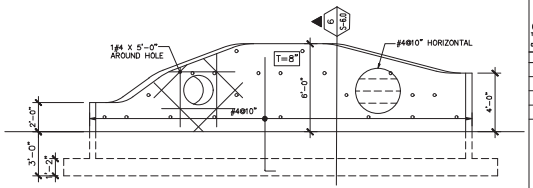
SECTION

SCALE: 3/4"=1'-0"



SECTION

SCALE: 3/4"=1'-0"



CLIMBING WALL DETAIL

SCALE: 1/4"=1'-0"

OCT-30-2023

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NO.	DATE	REVISION	BY	APPROVED

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L.D.D. L.D.D.

NUMBER 64 | TOTAL 83

DRAWING NUMBER
S-6.0

PIPING/PLUMBING SYMBOLS

GATE VALVE

PLUG VALVE

BALL VALVE

GLOBE VALVE

BUTTERFLY VALVE

CHECK VALVE

THREE-WAY VALVE

PRESSURE SAFETY VALVE

CIRCUIT SETTER

PRESSURE REGULATING VALVE

FLANGED CONNECTIONS

PIPE ENDED WITH BLIND FLANGE

ORIFICE

STRAINER

STEAM TRAP

SLOPE

REDUCER ECCENTRIC

REDUCER CONCENTRIC

FLOW ARROW

PLUG

EXPANSION JOINT/FLEX JOINT

AUTOMATIC AIR VENT

REV FLAG

S — SYSTEM BOUNDARY

PIPE LINE BREAK CONTINUATION MARKER

PIPE END WITH CAP(WELDED OR SCREWED)

FLEXIBLE HOSE OR PLASTIC TUBING

S-16 S-10 DENOTES SPEC. CHANGE

P — PURCHASED PACKAGE BOUNDARY

DRAIN

90° ELBOW DOWN

90° ELBOW UP

FLOOR CLEANOUT

FLOOR DRAIN

TEE UP

TEE DOWN

PIPE OFFSET DOWN AT 45^

PIPE OFFSET UP AT 45^

TRICLOVER FITTING

DRAIN

BACKFLOW PREVENTER
DOUBLE CHECK VALVE (SOFT SEATED)

TP
XX-XXX
CONNECTION TO EXISTING

PIPING/PLUMBING NOTES:

1. LOCATION PLANS ARE BASED UPON NON-CERTIFIED INFORMATION. CONTRACTOR TO COORDINATE INSTALLATION, PER CERTIFIED INFORMATION. CONTRACTOR MUST FIELD VERIFY ALL LOCATION DIMENSIONS BEFORE SETTING EQUIPMENT.

2. PIPING DESIGN IS BASED UPON NON-CERTIFIED INFORMATION. MECHANICAL CONTRACTOR TO CONFIRM FINAL PIT-UP DIMENSIONS OF PIPING IN FIELD, PER CERTIFIED INFORMATION OF DETAILED EQUIPMENT LAYOUT, EQUIPMENT LOCATION AND THE EXACT LOCATION OF SERVICE CONNECTIONS, PRIOR TO FABRICATION.

3. CONTRACTOR WILL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS, AND OTHER INFORMATION KNOWN TO CONTRACTOR AND COMPARE SUCH DATA TO THE DESIGN DOCUMENTS BEFORE COMMENCING ANY WORK ACTIVITIES. ANY DEVIATIONS BETWEEN FIELD CONDITIONS AND DESIGN DOCUMENTS WILL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER IMMEDIATELY IN A FORMAL MANNER. COORDINATION OF WORK ACTIVITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

4. IN THE EVENT OF AN EXPRESS CONFLICT BETWEEN THE DOCUMENTS LISTED OR BETWEEN ANY OTHER DOCUMENTS WHICH ARE A PART OF THE CONTRACT, CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AND ENGINEER IMMEDIATELY AND SHALL COMPLY WITH ENGINEER'S RESOLUTION OF THE CONFLICT.

5. THE CONTRACTOR SHALL BE GUIDED IN HIS WORK BY ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, HVAC, ELECTRICAL AND FIRE PROTECTION DRAWINGS AND BY ALL OF THE OWNER'S EQUIPMENT DRAWINGS ISSUED THROUGH THE CONSTRUCTION MANAGER.

6. THE CONTRACTOR SHALL ADVISE THE CONSTRUCTION MANAGER AND ALL OTHER CONCERNED SUBCONTRACTORS ON THE PROJECT CONCERNING CONFLICTS, REVISIONS, ADDITIONS AND/OR DELETIONS TO ANY PHASE OF THE WORK THAT INVOLVES COORDINATION OR CORRELATION BETWEEN TRADES.

7. ALL PIPING SHALL BE ERECTED AND SUPPORTED IN A MANNER THAT WILL NOT PUT UNDUE STRAIN ON PUMPS, TANKS, FILTERS, EQUIPMENT OR TRI-CLAMP CONNECTIONS IN GENERAL. ANY REQUIRED VARIANCE OF THE SPECIFIED SUPPORTING REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND THE OWNER'S REPRESENTATIVE.

8. THE CONTRACTOR IS REQUIRED TO LOCATE FIELD WELDS FOR ALL PIPING INSTALLATIONS.

9. ALL PIPE HANGERS & SUPPORTS ARE TO BE FABRICATED ACCORDING TO DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR IS TO ADD ADDITIONAL SUPPORTS IN THE FIELD FOR FIELD ROUTED LINES AND AS REQUIRED PER FIELD CONDITIONS.

10. [NOT APPLICABLE]

11. [NOT APPLICABLE]

12. ALL PIPING PENETRATIONS THROUGH WALLS & CEILINGS ARE TO BE SEALED BY THE APPROPRIATE CONTRACTOR PER THE PENETRATION DETAILS SHOWN ON THE ARCHITECTURAL DRAWINGS. FIRE STOPS ARE REQUIRED FOR 4" AND LARGER PIPES PENETRATING THROUGH FIRE RATED WALLS.

13. ALL PIPING ROOF PENETRATIONS SHALL BE LOCATED BY THE MECHANICAL CONTRACTOR AND COORDINATED WITH THE ROOFING CONTRACTOR. THE ROOFING CONTRACTOR SHALL MAKE AND SEAL ALL ROOF PENETRATIONS.

14. MANUFACTURER'S NAMES AND MODEL NUMBERS REFERENCED IN SPECIFICATION ARE TO ESTABLISH QUALITY AND DESIGN. ALTERNATES MAY BE SUBMITTED TO OWNER FOR APPROVAL AS LONG AS THEY ARE EQUAL IN QUALITY AND DESIGN. UNAUTHORIZED SUBSTITUTIONS SHALL NOT BE PERMITTED.

15. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONAL DIFFERENCES WHERE OPTIONAL MATERIALS (MATERIALS OTHER THAN THOSE USED FOR DESIGN) ARE SELECTED.

16. THE INSULATION CONTRACTOR IS TO FURNISH A PROPERLY DESIGNED INSTALLATION IN ACCORDANCE WITH ACCEPTABLE CONSTRUCTION PRACTICES.

17. [NOT APPLICABLE]

18. CONTRACTOR SHALL INSPECT ALL STRAINER SCREENS AND VERIFY PROPER PERFORATION SIZE BEFORE INSTALLATION.

19. AIR AND/OR WATER, AS WELL AS PIPING, PUMPS, GAUGES, METERS, ETC., REQUIRED FOR TESTING SHALL BE PROVIDED BY THE CONTRACTOR. THE DISPOSITION OF WATER AFTER THE TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DISCHARGED AT A POINT DESIGNATED BY THE CONSTRUCTION MANAGER.

20. ALL EXPOSED CARBON STEEL PIPE SHALL BE PAINTED IN ACCORDANCE WITH SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE FOR TOUCH UP PAINTING OF EQUIPMENT USING PAINT THAT MATCHES FACTORY APPLIED PAINT IN COLOR, TYPE, QUALITY, ETC., SO THAT THE "TOUCH-UP" AREA DUPLICATES THE FACTORY APPLIED SURFACES.

21. ALL PIPE WELDERS TO HAVE CERTIFICATION OF COMPLIANCE WITH ASME SECTION IX AS OUTLINED IN SPECIFICATIONS.

22. THE CONTRACTOR SHALL WARRANT ALL WORK PERFORMED AS SPECIFIED IN THE GENERAL CONDITIONS OF THE CONTRACT. DEFECTIVE EQUIPMENT AND MATERIALS, LEAKS AND FAILURE TO MAINTAIN SPECIFIED CAPACITIES, AS WELL AS IMPROPER AND/OR POOR WORKMANSHIP SHALL BE COVERED.

23. THE CONTRACTOR SHALL REPLACE ALL MATERIALS, APPARATUS OR EQUIPMENT, EITHER IN WHOLE OR IN PART, SO THAT THE ITEMS OPERATE AS ORIGINALLY SPECIFIED OR INTENDED AS IN ACCORDANCE WITH SPECIFICATIONS, THE COST AS WELL AS ANY COST INVOLVING DAMAGES TO OTHER TRADES DURING REPLACEMENT SHALL BE AT THE EXPENSE OF THIS CONTRACTOR.

24. THE CONTRACTOR SHALL:

A) UNLESS OTHERWISE SPECIFIED, COMPLY WITH MANUFACTURER'S LATEST PRINTED INSTRUCTIONS FOR MATERIALS, SUPPLY, STORAGE, AND INSTALLATION METHODS.

B) NOTIFY ENGINEER IN WRITING OF ANY CONFLICT BETWEEN THESE SPECIFICATIONS AND THE MANUFACTURER'S INSTRUCTIONS. ENGINEER WILL DESIGNATE WHICH DOCUMENT IS TO BE FOLLOWED.

25. THE EQUIPMENT AND INSTALLATION SHALL BE IN ACCORDANCE WITH APPLICABLE PORTION OF THE LATEST EDITION OF THE FOLLOWING CODES AND STANDARDS IN EFFECT AT THE TIME OF THE CONTRACT AWARD.

A) FEDERAL OCCUPATION SAFETY AND HEALTH ACT (OSHA).
B) AMERICAN WELDING SOCIETY (AWS).
C) AMERICAN WATER WORKS ASSOCIATION (AWWA).
D) AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME).
E) MANUFACTURER STANDARDIZATION SOCIETY OF THE VALVE AND FITTING INDUSTRY (MSS).
F) MANUFACTURER'S STANDARDS AND RECOMMENDATIONS FOOD AND DRUG ADMINISTRATION (FDA).
G) UNDERWRITER'S LABORATORIES LISTING (UL).
H) APPLICABLE STATE, COUNTY, CITY OR LOCAL CODES.
I) AMERICAN SOCIETY OF TESTING MATERIALS (ASTM).
J) INTERNATIONAL BUILDING CODE.
K) COMPRESSED GAS ASSOCIATION (CGA).

26. [NOT APPLICABLE]

27. [NOT APPLICABLE]

28. ALL PLUMBING SHALL BE IN STRICT ACCORDANCE WITH THE REGULATIONS OF THE DEPARTMENT OF HEALTH OF PUERTO RICO, THE LOCAL BUILDING CODE AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.

29. [NOT APPLICABLE]

30. ALL VALVES NOT EXPOSED SHALL BE MADE ACCESSIBLE FOR MAINTENANCE. ACCESS DOOR SHALL BE AS SPECIFIED OR AS REQUIRED BY THE ARCHITECT.

31. THE PLUMBING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/ OR EQUIPMENT BEING INSTALLED BY OTHER SUBCONTRACTOR.

32. THESE NOTES AS WELL AS THE LEGEND AND DETAILS APPLY TO ALL PLUMBING WORK FOR THE PROJECT.

33. THE CONTRACTOR SHALL FURNISH AND SET IN PLACE BEFORE CONCRETE POURING ALL NECESSARY SLEEVES FOR WASTE OR SOIL, VENTS AND COLD/HOT WATER AND LINES THESE SLEEVES SHALL BE AS SPECIFIED OR REQUIRED BY THE ARCHITECT.

34. CLEANOUTS SHALL BE NOT MORE THAN 50 FEET APART IN HORIZONTAL DRAINAGE LINES OF 4" NOMINAL DIAMETER OR LESS AND NOT MORE THAN 100 FEET APART FOR LARGER PIPES.

35. CLEANOUTS SHALL BE OF THE SAME NOMINAL SIZE AS THE PIPES UP TO 4" AND NOT LESS THAN 4" FOR LARGER PIPING.

36. ALL HORIZONTAL PORTIONS OF SOIL OR WASTE STACKS AND BRANCHES SMALLER THAN 4" SHALL SLOPE 1/4" PER FOOT, ALL OTHERS SHALL SLOPE 1/8" PER FOOT.

37. [NOT APPLICABLE]

38. CONTRACTOR TO MAINTAIN A RECORD SET OF DRAWING REFLECTING ACTUAL "AS-BUILT" CONDITIONS TO BE TURNED-OVER TO THE OWNER AFTER PROJECT COMPLETION.

39. [NOT APPLICABLE]

40. CONTRACTOR TO TIE-IN NEW "CW" "SS" "V" TO EXISTING LINE. RESPECTIVELY AT LOCATION SHOWN. CONTRACTOR TO PROVIDE MATERIAL AND LABOR AS NECESSARY TO ADJUST TO ACTUAL LOCATION, SIZE, MATERIAL OF CONSTRUCTION, ETC.

40. ALL EQUIPMENT AND PIPING SHALL BE PROVIDED WITH HIGHPOINT VENTS AND LOWPOINT DRAINS. VENT AND DRAIN CONNECTIONS SHALL BE FITTED WITH A ISOLATOR BALL VALVE. PROVIDE REMOVABLE PLUG ON LOW POINT DRAIN VALVES TO AVOID ACCIDENTAL SPILL.

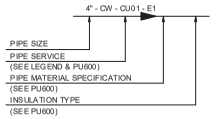
PIPING/PLUMBING ABBREVIATIONS

AHU	AIR HANDLING UNIT
AS	AIR SEPARATOR
CA	COMPRESSED AIR
CC	COLD CONSERVATION
CH	CHILLER
CHP	CHILLED WATER PUMP
CO	CLEAN OUT
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
DPT	DIFFERENTIAL PRESSURE SWITCH
DR	DRAIN
ET	EXPANSION TANK
FD	FLOOR DRAIN
FV	FLOAT VALVE
EJ/FJ	EXPANSION JOINT/FLEX JOINT
HC	HEAT CONSERVATION
GPM	GALLONS PER MINUTE
LG	LEVEL GAGE
NC	NORMALLY CLOSE
NO	NORMALLY OPEN
P	PUMP
PI	PRESSURE INDICATOR
P&ID	PIPING & INSTRUMENTATION DIAGRAM
PP	PERSONNEL PROTECTION
PS	PIPE SUPPORT
PSIG	POUNDS PER SQUARE INCH (GAGE)
PSV	PRESSURE SAFETY VALVE
SD	SUCTION DIFFUSER
TCV	TEMPERATURE CONTROL VALVE
TDV	TRIPLE DUTY VALVE
TI	TEMPERATURE INDICATOR
TW	THERMO WELL
WH	WATER HEATER
WHP	WATER HEATER PUMP
WM	WATER METER
WP	WATER PRESSURE BOOSTER SKID
HTP	HEAT TRANSFER PACKAGE

PIPING/PLUMBING SERVICE ABBREVIATIONS

CW	DOMESTIC COLD WATER
HW	DOMESTIC HOT WATER
CWR	DOMESTIC COLD WATER RISER
HWR	DOMESTIC HOT WATER RISER
RG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
SAN	SANITARY WASTE
SAN	SANITARY WASTE
SS	SANITARY WASTE SOIL STACK
WS	SANITARY WASTE WASTE STACK
CCD	COLD CONDENSATE DRAIN
V	SANITARY VENT
VTR	SANITARY VENT - VENT THRU ROOF
VS	SANITARY VENT - VENT STACK

PIPING/PLUMBING LINE DESIGNATION LEGEND



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DRAWING NAME
PIPING/PLUMBING NOTES

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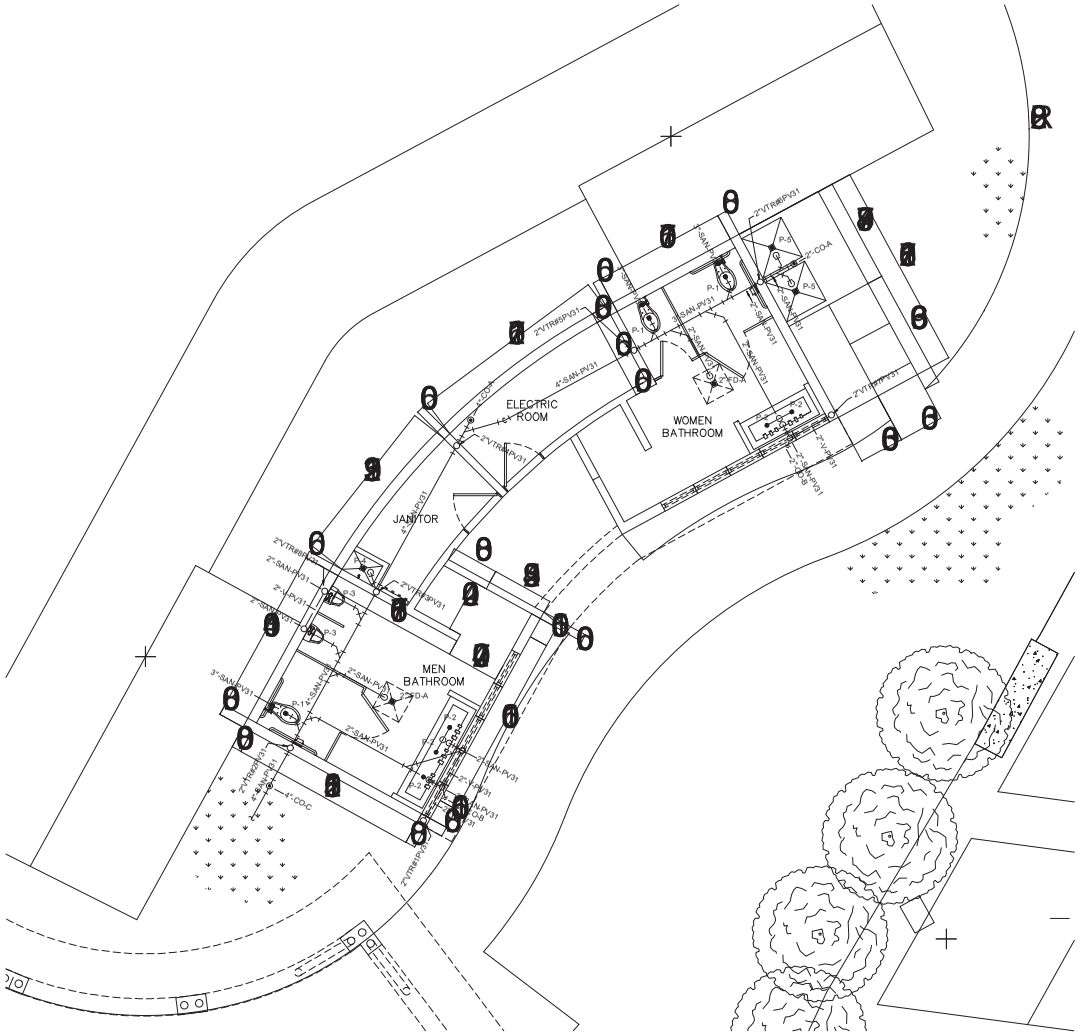
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1 SANITARY SEWER PIPING FLOOR PLAN
SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE ROUGH-IN SCHEDULE

LEGEND	DESCRIPTION	WATER SUPPLY SIZE				TRAP SIZE	VENT SIZE	REMARKS
		BRANCH		FIXTURE				
		COLD	HOT	COLD	HOT			
P-1	FLUSH VALVE WATER CLOSET	1"	-	1"	-	3"	2"	
P-2	LAVATORY	1/2"	-	3/8"	-	1-1/2"	1-1/2"	
P-3	FLUSH VALVE URINAL	3/4"	-	3/4"	-	2"	2"	
P-4	SERVICE SINK	1/2"	-	3/8"	-	1-1/2"	1-1/2"	2
P-5	SHOWER STALL	1/2"	-	1/2"	-	2"	1-1/2"	1
HB-1	HOSE BIBB	1/2"	-	-	-	-	-	

REMARKS

1. PROVIDE STAINLESS STEEL FLOOR DRAIN FD-B
2. PROVIDE STAINLESS STEEL FLOOR DRAIN FD-A WALL HOSE BIBB (1/2" DIAMETER)

PLUMBING ACCESSORIES SCHEDULE

TAG	DESCRIPTION	SPECIFICATION	SIMILAR TO
CO-A	FLOOR CLEANOUT FINISHED FLOOR (TILES)	COATED CAST IRON FLOOR CLEANOUT, INTERNAL ABS CLEANOUT PLUG, ADJUSTABLE CAST IRON HOUSING WITH MEDIUM-DUTY SCORIATED SECURED NIKALOY COVER AND SQUARE FRAME. DIMENSION AS SHOWN IN FLOOR PLAN.	JOSAM SERIES 55000-SQ
CO-B	WALL CLEAN OUT	COATED CAST IRON CLEANOUT TEE AND RECESSED BRONZE N.P.T. THREADED PLUG. DIMENSION AS SHOWN IN FLOOR PLAN. WHERE EXPOSE, PROVIDE ROUND STAINLESS STEEL WALL ACCESS COVER WITH SCREW.	JOSAM SERIES 58910 WITH 58600
CO-C	FLOOR CLEANOUT ON GRADE (NO FLOOR)	PLASTIC PVC, TYPE I FITTING CLEAN OUT ADAPTER AND FLUSH CLEAN OUT PLUG. PROVIDE A 18" X 18" X 6" CONCRETE BLOCK FOR CLEAN OUTS ON GRADE	CHARLOTTE PIPE PVC
FD-A	FLOOR DRAIN	STAINLESS STEEL (304) FLOOR DRAIN,6" X 6" SQUARE TOP, 6" DEEP, NO-HUB OUTLET. DIMENSION AS SHOWN IN FLOOR PLAN. WITH FILTER BASKET. PROVIDE BACKFLOW PREVENTER DIAPHRAGM SIMILAR TO PROVENT TRAP GUARD	JOSAM SERIES 41330 - FB
FD-B	FLOOR DRAIN SHOWERS (P-5)	304 STAINLESS STEEL SHOWER CHANNELS. WITH STANDARD 2" NO-HUB CONNECTION, ANCHOR TABS, LEVELING FEET AND GRATES. PROVIDE BACKFLOW PREVENTER DIAPHRAGM SIMILAR TO PROVENT TRAP GUARD	JOSAM SERIES 46200 46242
WHA-A	WATER HAMMER ARRESTOR	11 FIXTURE UNITS OR LESS. SHOCK ABSORBER/WATER HAMMER ARRESTOR WITH STAINLESS STEEL SHELL, HYDRO-PNEUMATIC CUSHION OF NITROGEN GAS, STAINLESS STEEL BELLOWS AND STAINLESS STEEL MALE THREADED PIPE NIPPLE. PROVIDE SHUT OFF VALVE WHEN INSTALLED ON MAIN PIPE. PROVIDE ACCESS DOOR IF INSTALLED INSIDE A WALL ,OR OVER A GYPSUM BOARD CEILING. PROVIDE 12" X 12" X 6" STAINLESS STEEL RECESSED VALVE BOX SIMILAR TO BEST ACCESS DOORS MODEL BA-ARVB-12-12-6	JOSAM SERIES 75001A
HB-1	HOSE BIBB	1/2" DIAMETER	MULLER 103-003NL
AD-A	STAINLESS STEEL RECESSED VALVE BOX	12" X 12" X 6" STAINLESS STEEL RECESSED VALVE BOX. 16 GAUGE DOOR. SCREWDRIVER OPERATED CAM LATCH. HINGE: CONTINUOUS, CONCEALED	BEST ACCESS DOORS MODEL BA-ARVB-12-12-6

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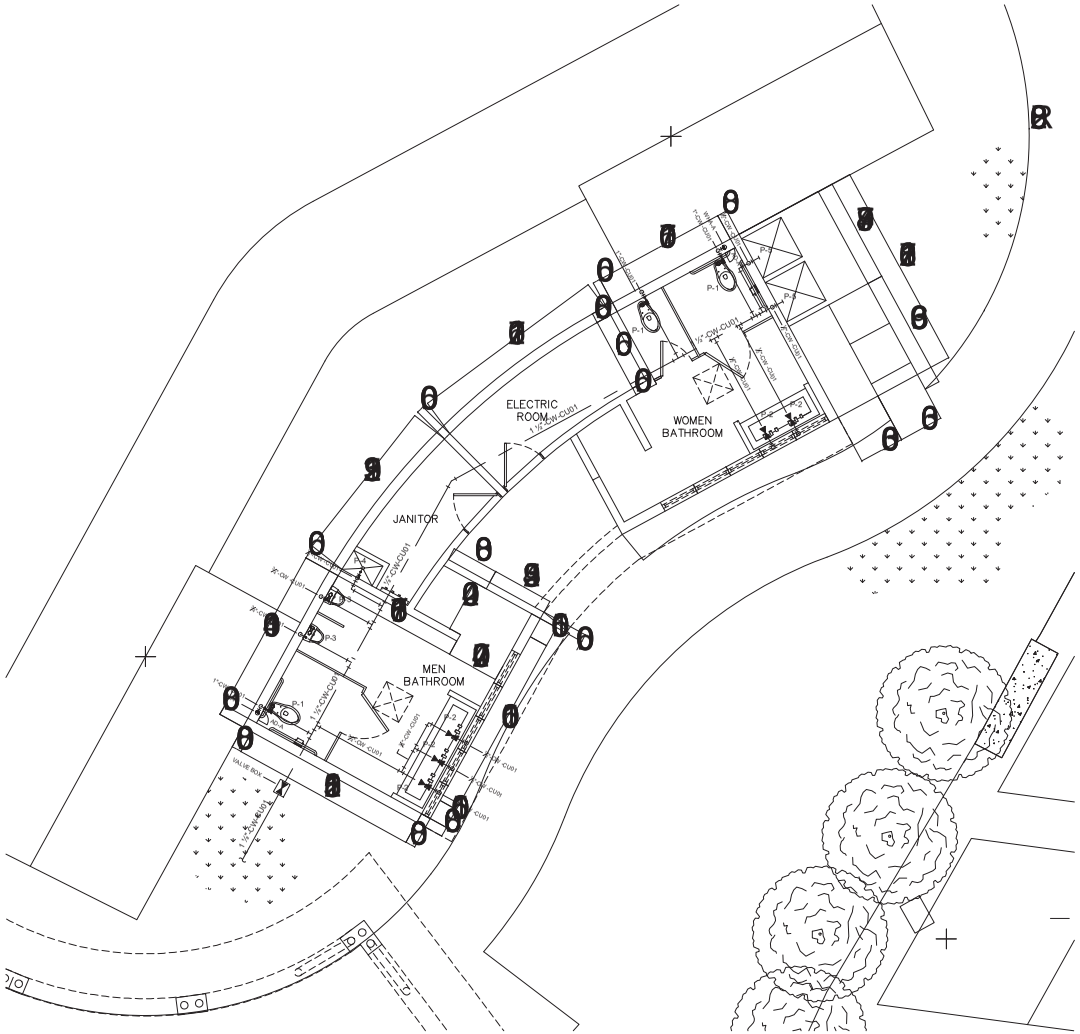
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① POTABLE WATER PIPING FLOOR PLAN
SCALE: 1/4" = 1'-0"

PIPING MATERIAL SCHEDULE

Service		Condition	Piping Material
Tag	Description		SPEC TAG
CW	Domestic Cold Water	All	CU01
SAN	Sanitary Waste	Underground	PV31
SAN	Sanitary Waste	Aboveground	PV31
V	Sanitary Vent	All	PV31
VTR	Sanitary Vent - Vent Thru Roof	All	PV31

PIPING MATERIAL SPEC SCHEDULE

Tag	Material	SPECIFICATION
CU01	Copper Tubing, Type L, General	Copper, ASTM B88, hard drawn, seamless, Type L. Tubing used in potable water systems shall be NSF 61 certified, and lead free (< 0.25% lead by weight on wetted parts.)
PV31	PVC, Polyvinyl Chloride Pipe, Waste System	Polyvinyl Chloride (PVC) pipe, ASTM D1784, cell class 12454, and conforming to NSF standard 14. Pipe shall be iron pipe size (IPS) conforming to ASTM D1785 and D2665.
PV34	CPVC Waste System	Chlorinated Polyvinyl Chloride (CPVC) pipe, ASTM F2618, Type IV, Grade I, cell class 24447, ASTM D1784, and conforming to NSF standard 14. Piping shall bear the mark NSF-cw for use in corrosive waste drainage.

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POTABLE WATER PIPING FLOOR PLAN AND SCHEDULES

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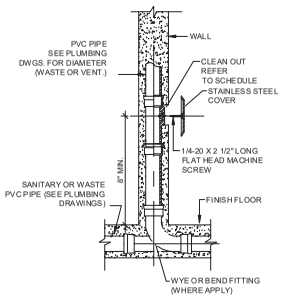
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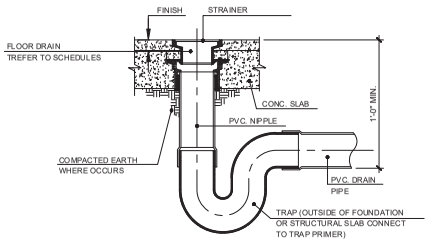
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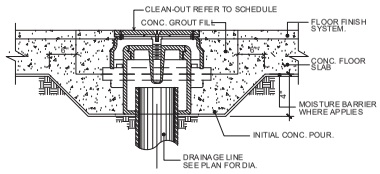
TYPICAL CLEANOUT INSTALLATION AT WALLFLUSH WITH WALL COVER

1 NOT TO SCALE



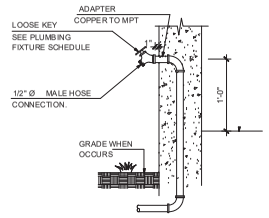
TYP. FLOOR DRAIN DETAIL

2 NOT TO SCALE



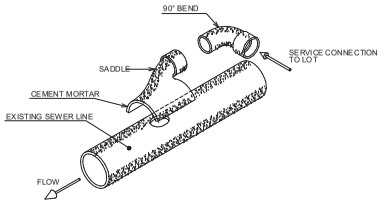
TYPICAL FLUSH WITH FLOOR CLEANOUT DETAIL

3 NOT TO SCALE



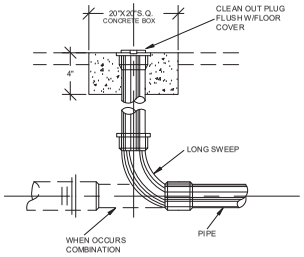
WALL MOUNTED HOSE BIBB DETAIL

4 NOT TO SCALE



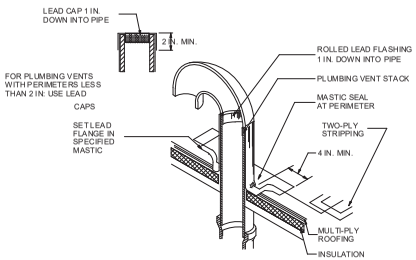
DETAIL OF SADDLE CONNECTION

5 NOT TO SCALE



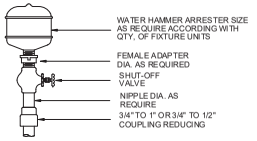
CLEAN OUT DETAIL EXTERIOR

6 NOT TO SCALE



VENT PENETRATION DETAIL

7 NOT TO SCALE

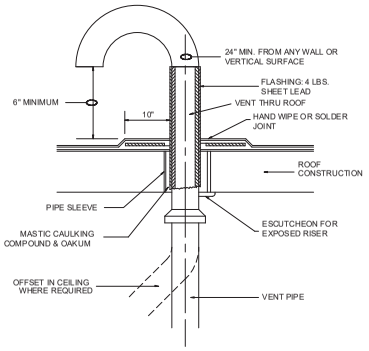


ELEVATION

NOTE: PROVIDE ACCESS PANEL IN WALL HIGHPOINT PIPE

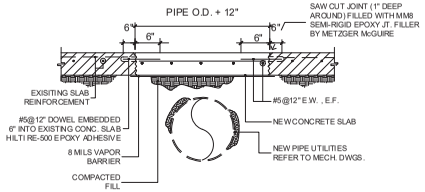
WATER HAMMER ARRESTER DETAIL (WHA)

8 NOT TO SCALE



VENT THRU ROOF DETAIL

9 NOT TO SCALE



CONCRETE SLAB PATCH FOR UNDERGROUND PIPE INSTALLATION

10 NOT TO SCALE

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PIPING/PLUMBING DETAILS

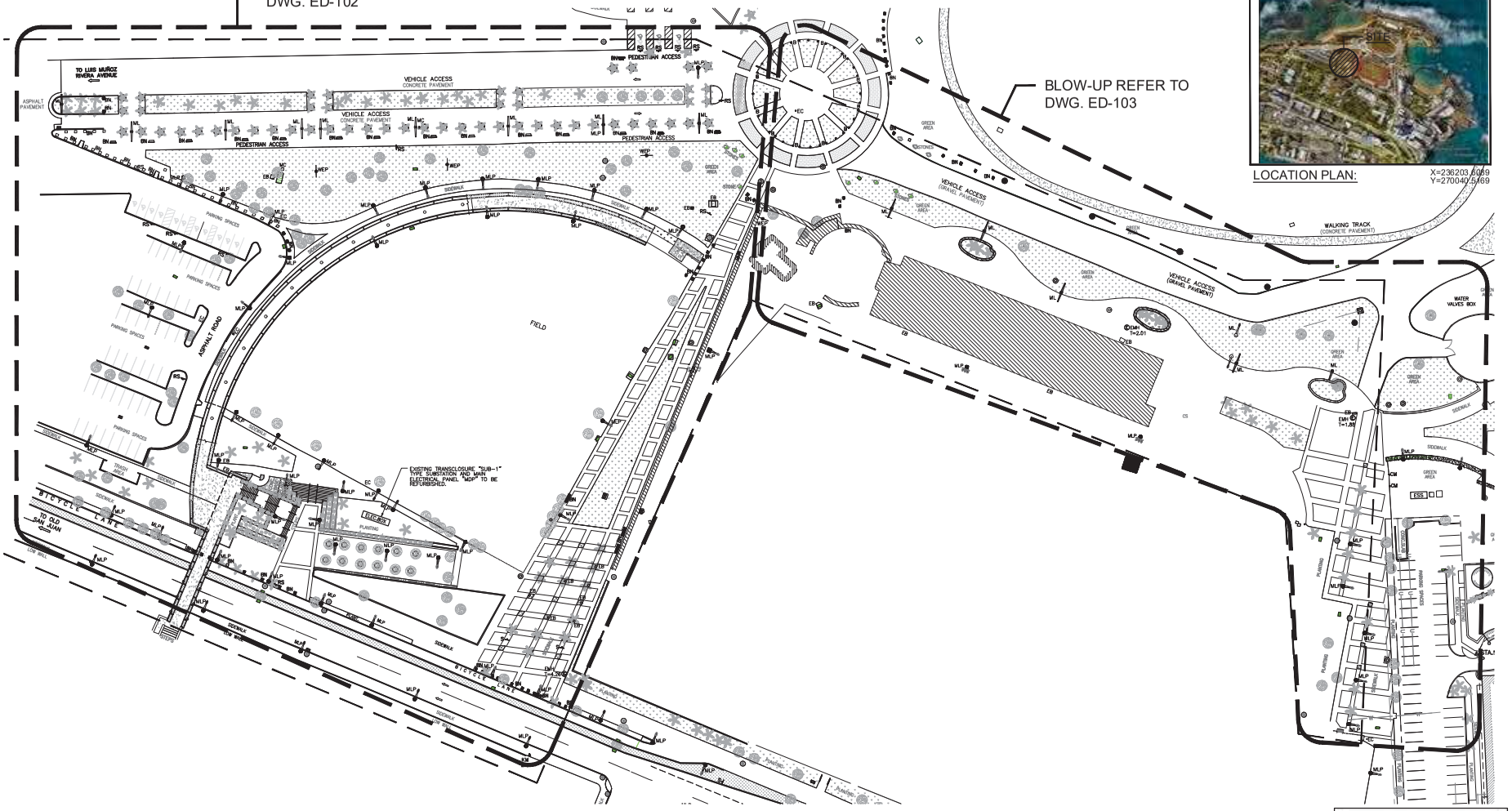
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NO.	DATE	REVISION	BY	APPROVED
B	10/27/23	ISSUED FOR REVIEW	AA	AA
A	5/25/23	ISSUED FOR REVIEW	AA	AA

PROJECT	
DRAWING BY/CHECKED BY	
AA	AA

NUMBER	TOTAL
68	83

DRAWING NUMBER
P-2.0



ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:500



LOCATION PLAN: X=236203.6069 Y=270040.5169

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BIDS DELIVERY	JST	JST

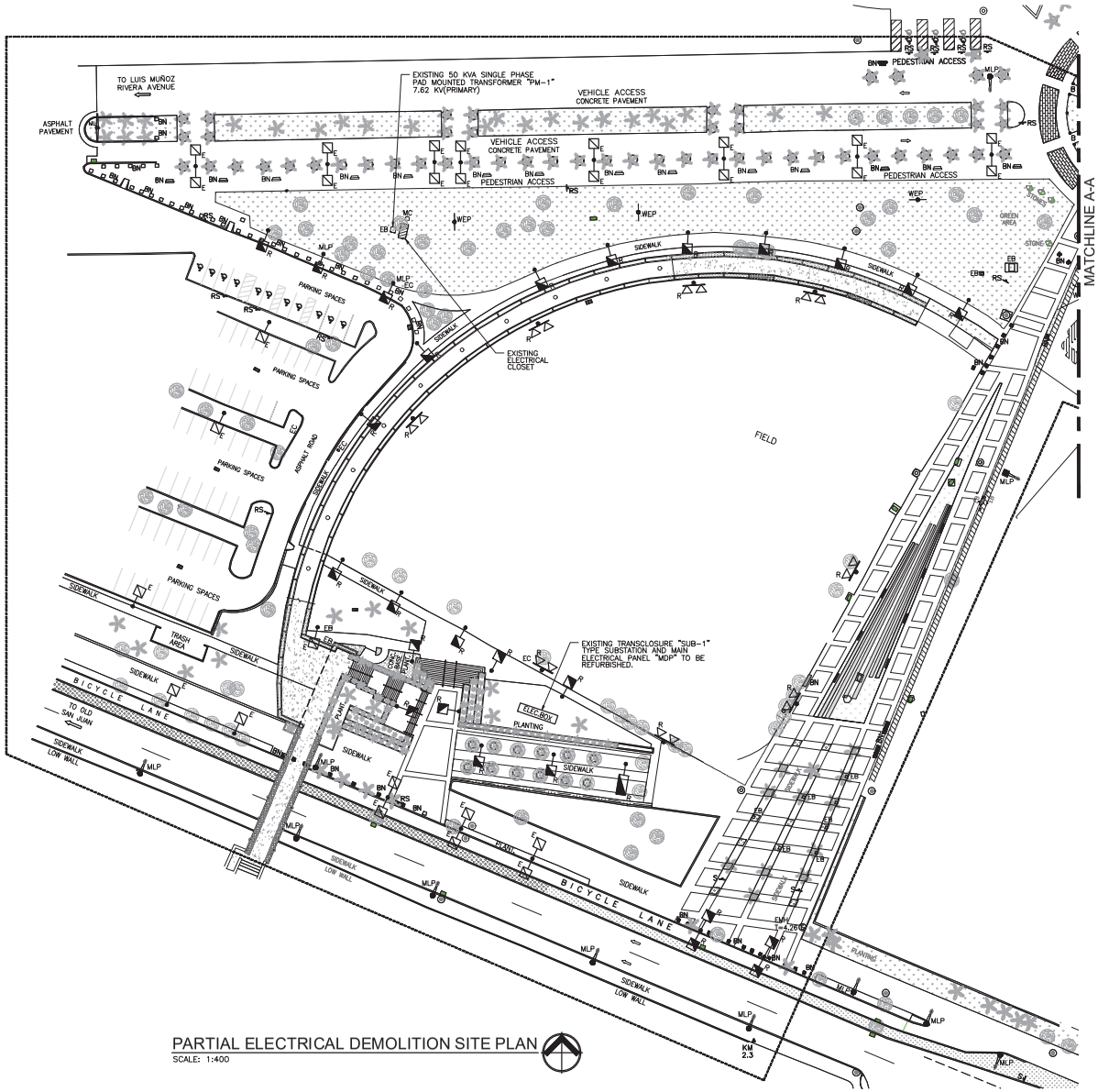
PROJECT
—

DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
69	83

DRAWING NUMBER
ED-101

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PARTIAL ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:400

GENERAL ELECTRICAL DEMOLITION NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND BUILDINGS TO VERIFY THE EXISTING CONDITIONS BEFORE STARTING WORK. EXAMINE THE BUILDING TO DETERMINE ACTUAL CONDITIONS AND EXTENT OF WORK PRIOR TO BIDDING THE PROJECT. REFER ANY UNCLEAR DETAILS OR CONFLICTS TO THE ARCHITECT/ENGINEER FOR CLARIFICATION PRIOR TO BIDDING THE DRAWINGS.
2. VERIFY THAT THE WIRING AND EQUIPMENT INDICATED TO BE DEMOLISHED SERVES ONLY THE ABANDONED FACILITIES.
3. DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATIONS AND EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO ARCHITECT/ ENGINEER BEFORE DISTURBING THE EXISTING INSTALLATION.
4. DEMOLISH AND REMOVE ALL THE ELECTRICAL SYSTEM INDICATED FOR DEMOLITION. NO PORTION OF THESE SYSTEMS MAY BE ABANDONED IN PLACE.
5. REMOVE ABANDONED WIRING AND CONDUITS TO THE SOURCE OF SUPPLY.
6. CONTRACTOR SHALL VERIFY AND CONFIRM THAT THE AREAS TO BE DEMOLISHED ARE DISCONNECTED FROM THE POWER SOURCE BEFORE THE DEMOLITION BEGINS.
7. DISPOSE OF FLUORESCENT LAMPS, BALLAST, AND ANY THEIR HAZARDOUS MATERIALS ACCORDING WITH THE STATE, LOCAL AND FEDERAL REGULATIONS.
8. NO WORK CAN COMMENCE UNTIL EVIDENCE IS SUPPLIED TO THE DEMOLITION CONTRACTOR OF DISCONNECTION OF THE MAIN ELECTRICAL SERVICE TO THE PROJECT SITE AND TO EACH OF THE BUILDINGS AND STRUCTURES OF THE PROJECT. FOR ANY LIVE POWER STILL ON SITE A LIVE POWER DANGER STICKER IS REQUIRED.
9. CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL UTILITY COMPANY (LUMA) ALL THE WORK NEEDED TO DISCONNECT THE PROJECT FROM THE ELECTRICAL UTILITY PRIMARY AND SECONDARY SERVICE LINES BEFORE STARTING ANY WORK.
10. CONTRACTOR SHALL NOT COMMENCE UNTIL IT HAS CONFIRM THAT ALL OF THE SWITCHING UNITS, TRANSFORMERS, METERBANKS, ELECTRICAL PANELS, LIGHTING FIXTURES AND ANY OTHER ELECTRICAL DEVICES IN THE BUILDING AND SITES ARE DISCONNECTED FROM THE MAIN ELECTRICAL SERVICE AND ARE DE-ENERGIZED BEFORE THE REMOVAL.
11. CONTRACTOR SHALL VERIFY TRANSFORMERS WITH PCB ARE DISPOSE AS PER LOCAL AND FEDERAL REGULATIONS.
12. ALL THE UNDERGROUND AND AERIAL ELECTRICAL LINES SPECIFIED AS TO BE REMOVED SHALL BE DISPOSED BY THE CONTRACTOR.
13. CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ALL THE SURPLUS MATERIALS, DEMOLISHED MATERIALS AND DEBRIS GENERATED BY THE ELECTRICAL WORK.
14. LOCATION OF EXISTING ELECTRICAL EQUIPMENT SHALL BE VERIFIED ON FIELD.
15. REMOVE ALL EXPOSED ELECTRICAL INSTALLATIONS.
16. THE DEMOLITION DRAWINGS DO NOT SHOWN NECESSARILY THE SEQUENCE OF THE DEMOLITION WORK. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL THE WORK WITH THE DEMOLITION CONTRACTOR, OWNER AND THE ARCHITECT/ENGINEERS OF THE PROJECT.
17. CONTRACTOR SHALL REMOVE OF ALL THE ELECTRICAL LINES AND CONDUITS CONNECTED TO POLES TO BE DEMOLISHED.
18. CONTRACTOR SHALL REMOVE AND DEMOLISH ALL EQUIPMENTS LOCATED IN ELECTRICAL VAULTS.
19. THE INFORMATION ON THE DRAWINGS AND NOTES INCLUDED ON THE DRAWINGS OR THE INVOLUNTARY OMMISION OF OTHERS DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY OF VISITING THE PROJECT SITE AND MAKE HIMSELF COMPLETELY AWARE OF ALL THE CONDITIONS INVOLVE IN THE PROJECT OF PREPARING HIS OWN EXISTING CONDITION AND DEMOLITION RESEARCH, AND TO INCLUDE THE NECESSARY COST IN HIS BID TO COVER ALL THE DEMOLITION REQUIRED TO COMPLETE THE DEMOLITION WORK REQUIRED ON THE CONTRACT DOCUMENT.
20. BEFORE STARTING ANY WORK THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PUERTO RICO ELECTRICAL AND POWER AUTHORITY (LUMA) AND THE JUNTA REGLAMENTADORA DE TELECOMUNICACIONES DE PUERTO RICO (JRTPR).
21. ELECTRICAL DISCONNECTION SHALL BE PERFORMED BY A LICENSED ELECTRICAL ENGINEER AND ELECTRICIAN.
22. UNDERGROUND LINES SHOWN ON DRAWINGS ARE DIAGRAMATIC. CONTRACTOR IS RESPONSIBLE OF TRACING ALL ELECTRICAL LIGHTING, TELEPHONE, CABLE TV AND TELECOMMUNICATION UNDERGROUND LINES AND REMOVE THEM ACCORDING TO THE REQUIREMENTS SHOWN ON THE DRAWINGS.

ELECTRICAL SITE LEGEND:

- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMOVED.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING BALLPARK LIGHTING POLE AND LUMINAIRES TO BE REMOVED.

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PARTIAL ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT
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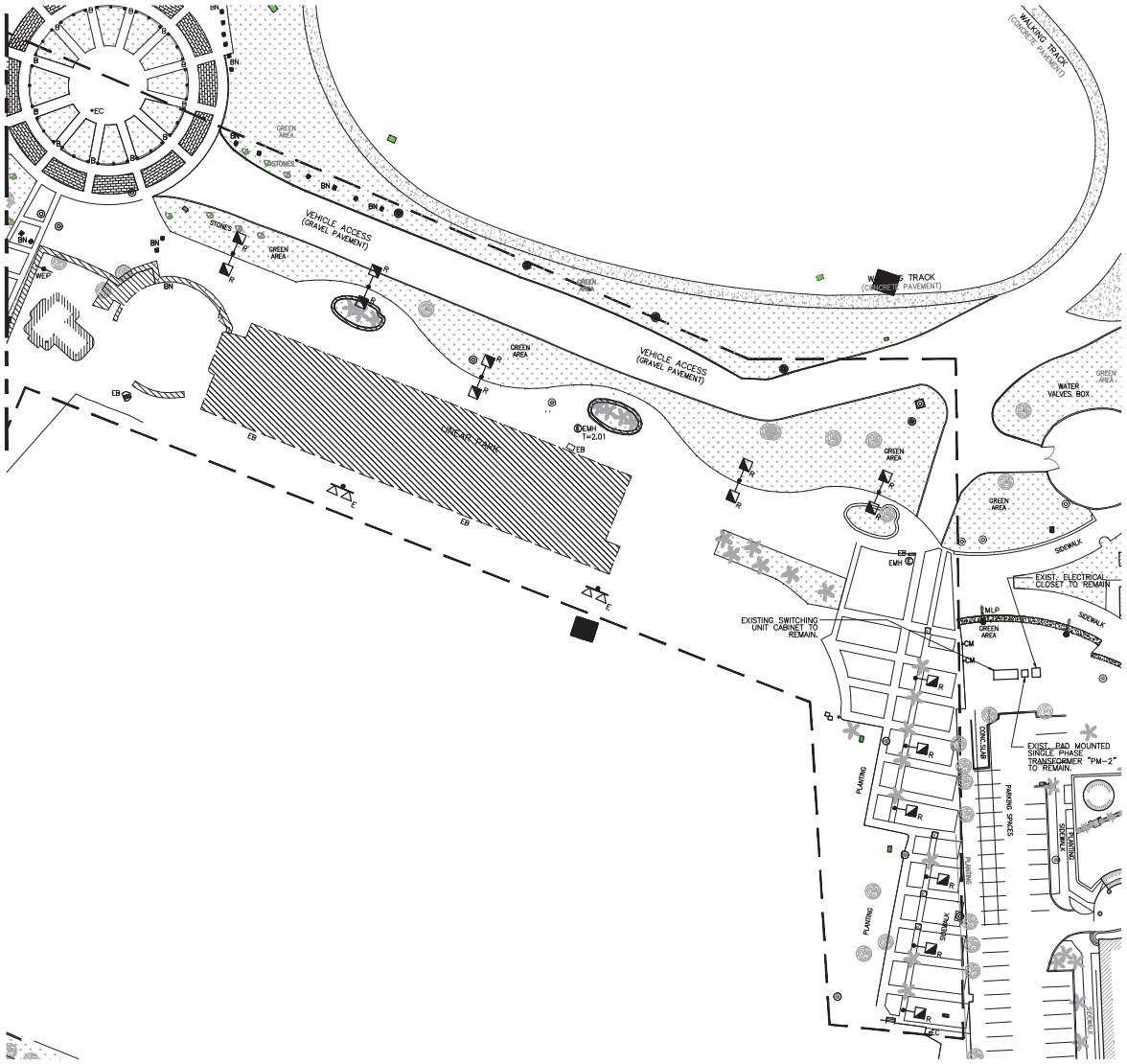
NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BIDS DELIVERY	JST	JST

PROJECT
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R.L.R. J.S.T.

NUMBER	TOTAL
70	83

DRAWING NUMBER
ED-102

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PARTIAL ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:400

NOTES:

1. FOR ELECTRICAL DEMOLITION LEGEND AND DEMOLITION NOTES SEE DWG. ED-102.

ELECTRICAL SITE LEGEND:

- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMOVED.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING BALLPARK LIGHTING POLE AND LUMINAIRES TO BE REMOVED.
- EXISTING TRACK AND FIELD LIGHTING POLE AND LUMINAIRES TO REMAIN.

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CLIENT

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OWNER
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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PARTIAL ELECTRICAL DEMOLITION SITE PLAN

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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOK DELIVERY	JST	JST

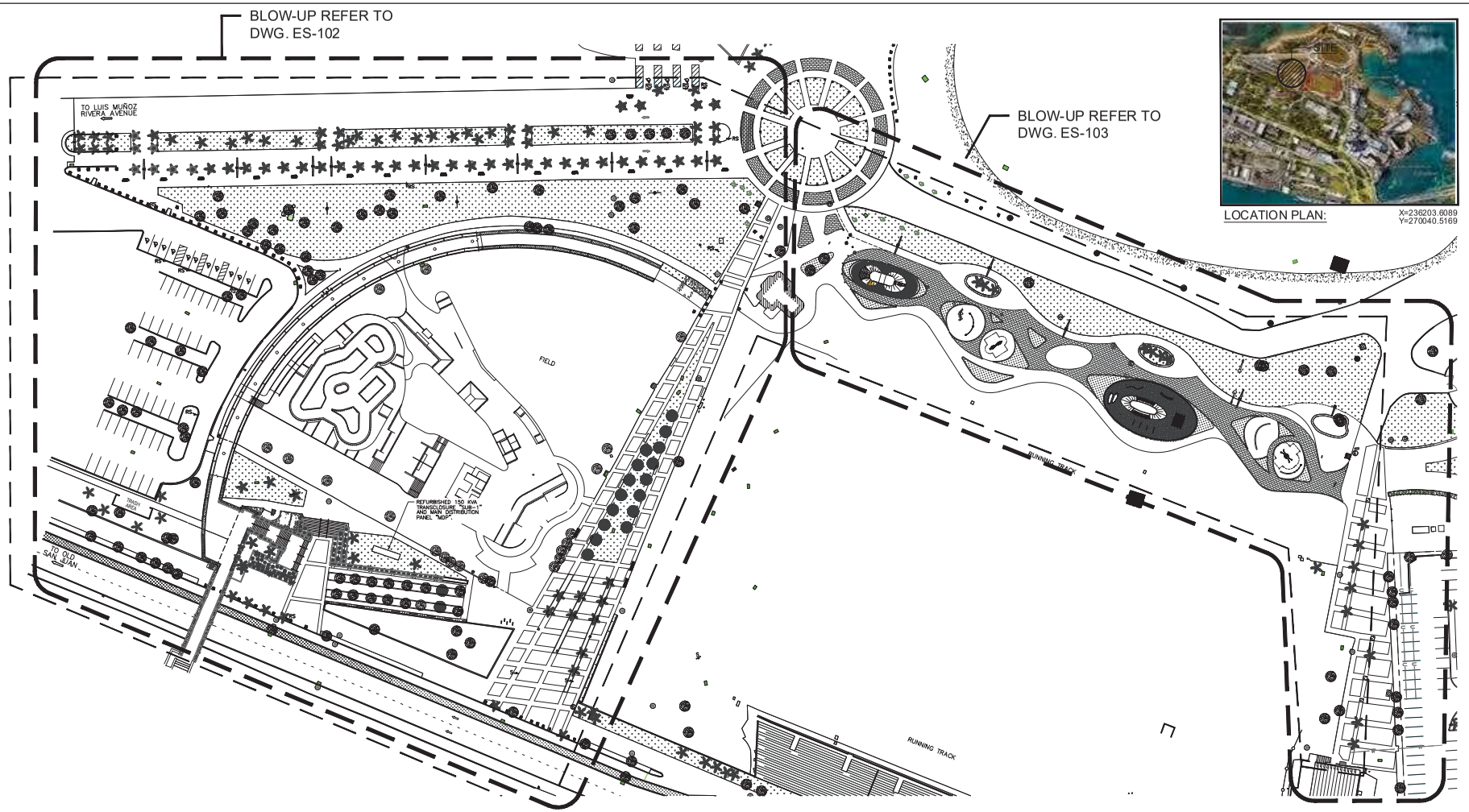
PROJECT
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R.L.R. J.S.T.

NUMBER	TOTAL
71	83

DRAWING NUMBER
ED-103

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PROPOSED ELECTRICAL AND LIGHTING
SITE PLAN

SCALE: 1:500

LOCATION PLAN:

X=236203.6089
Y=270040.5169

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND
PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY
OF SAN JUAN

PROJECT
ESCAMBROM
SKATEPARK AND
INSPROVEMENTS OF
TERCER MILENIO PARK

DRAWING NAME
PROPOSED ELECTRICAL
AND LIGHTING SITE PLAN

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2020.10.27	90% DELIVERY	JST	JST

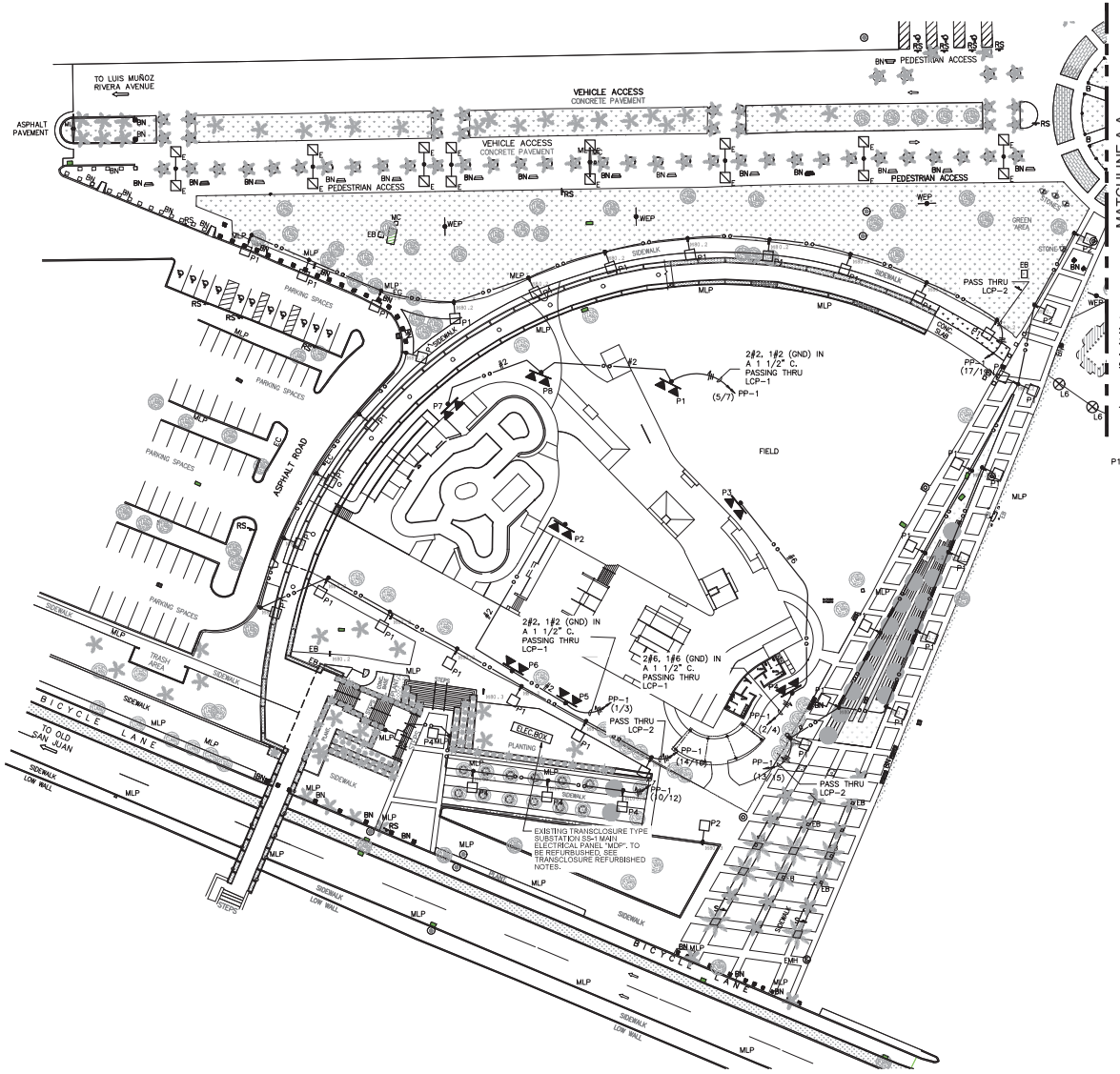
PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
72	83

DRAWING NUMBER
ES-101

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PROPOSED ELECTRICAL AND LIGHTING
PARTIAL SITE PLAN
SCALE: 1:400



LOCATION PLAN: X=236203.6089 Y=270040.5169

NOTES:

1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001.
2. FOR LIGHTING SITE SCHEDULE SEE DWG. ES-107.
3. REFER TO STRUCTURAL DRAWINGS FOR POLE CONCRETE BASES.
4. FOR LUMA GENERAL NOTES SEE DWG. ES-106.
5. REFER TO DWG. ES-107 FOR THE SKATE PARK LIGHTING POLE SCHEDULE.

LIGHTING SITE LEGEND:

- P1 — NEW SINGLE ARM POLE AND LUMINAIRE. "P1" INDICATES POLE AND LUMINAIRE DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAIL.
- P1 P2 L1 — SAME AS ABOVE, BUT DOUBLE ARM.
- NEW LIGHTING BOLLARD. "L1" INDICATES BOLLARD DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAILS.
- #8 (1) — NEW LIGHTING CIRCUIT, 24" BELOW FINISHED GRADE. DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
- PP (1,2) — HOME RUN TO PANEL, 24" BELOW FINISHED GRADE. "PP" INDICATES DESTINATION PANEL AND THE NUMBERS INDICATES CIRCUIT NUMBERS (IF NUMBERS ARE SEPARATED BY "/ " THIS MEANS THAT IS A MULTIPOLE CIRCUIT)DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
- E — EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- E E — SAME AS ABOVE, BUT DOUBLE ARM.
- P1 — NEW SKATEPARK LIGHTING POLE AND LUMINAIRES. REFER TO MUSCO POLE SCHEDULE FOR DETAILS.

TRANSCLOSURE REFURBISH NOTES:

THE EXISTING SKATE PARK TRANSCLOSURE SUBSTATION MUST BE REPAIR. THE FOLLOWING JOBS MUST BE DONE AS PART OF THE REPAIR.

1. COORDINATE ALL OF THE WORK WITH LUMA BEFORE PURCHASING ANY EQUIPMENT AND STARTING ANY WORK.
2. CLEAN AND REPAIR THE EXTERIOR AND INTERIOR OF THE SUBSTATION.
3. REPLACE THE PRINARY FEEDER, TERMINALS AND ANY RELATED ITEM FROM THE PRIMARY LOAD BREAK UP TO THE TRANSFORMER SECTION.
4. REPLACE THE EXISTING TRANSFORMERS WITH THE TRANSFORMER SPECIFIED IN THE ELECTRICAL DIAGRAM.
5. PERFORM THE ELECTRICAL CONNECTIONS IN THE TRANSFORMER SECTION WITH THE NECESSARY MATERIALS AND WITH THE GROUNDING REQUIREMENTS FROM LUMA.
6. REMOVE AND REPLACE THE EXISTING SECONDARY FEEDER AND TERMINALS WITH THE SPECIFIED ON THE ELECTRICAL DRAWINGS.
7. REMOVE AND REPLACE THE EXISTING MAIN DISTRIBUTION PANEL AND CIRCUIT BREAKERS WITH THE SPECIFIED ON THE ELECTRICAL DIAGRAM.
8. WORK MUST BE PERFORM FOLLOWING THE NATIONAL ELECTRICAL CODE AND LUMA REQUIREMENTS.
9. WORK MUST BE PERFORM AND CERTIFIED BY AN LICENSED ELECTRICIAN.

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CONSULTANT'S SEAL

YO, JORGE SANTORI TRISTANI, INGENIERO LICENCIADO #18424, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ LOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CONCURRIENTES CON Y ESTABLECEN EL CONTENIDO CON (CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018). (EN EL CASO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LOS REQUISITOS EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2008, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA A PUERTO RRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUES. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HA PROPORCIONADO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, SERÁ MOTIVO SUFICIENTE PARA QUE LA AUTORIDAD NOMINADORA TOME LA ACCIÓN QUE ESTIME PERTINENTE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PROPOSED ELECTRICAL AND LIGHTING PARTIAL SITE PLAN

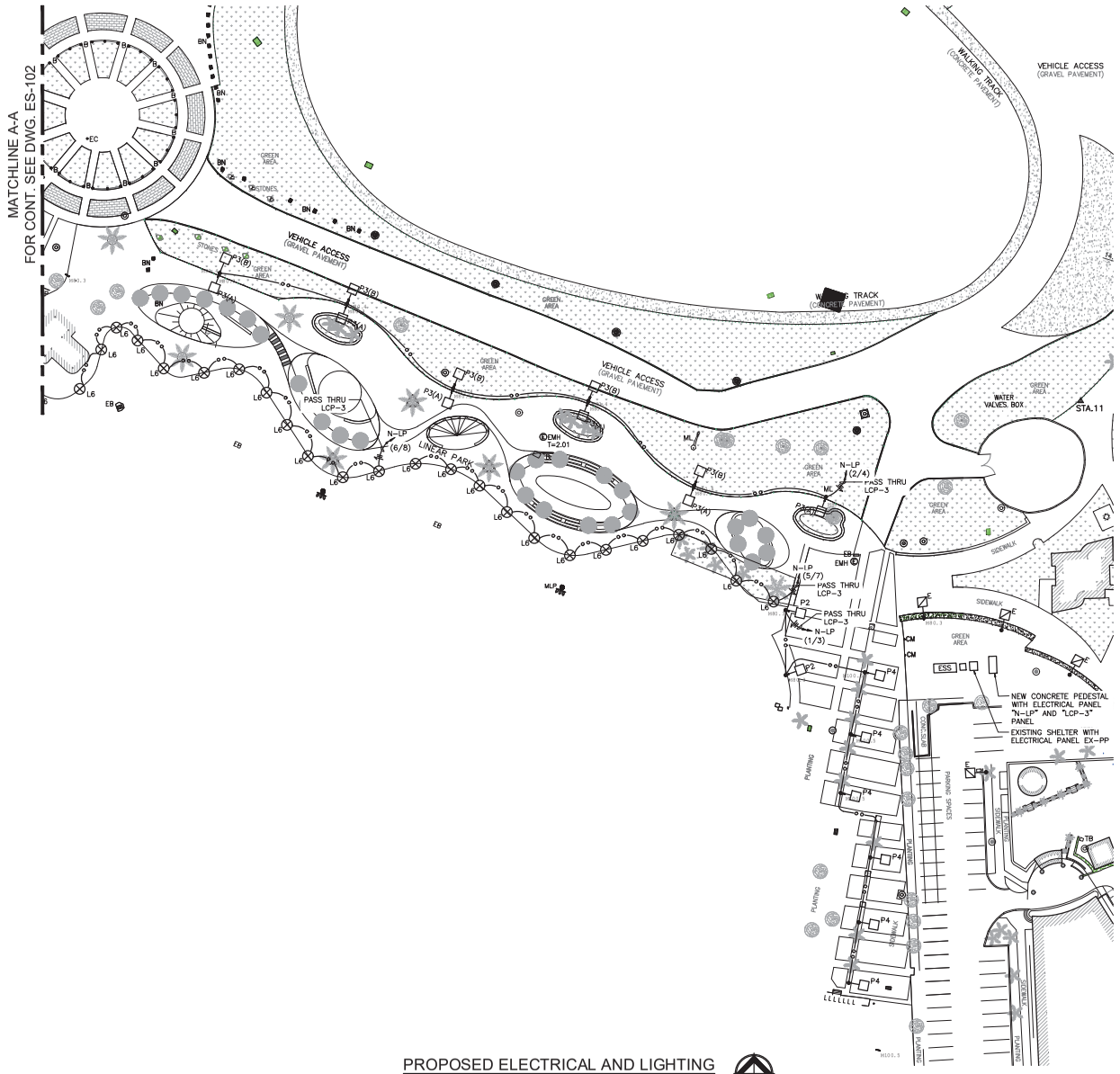
COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOX DELIVERY	JST	JST

PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
73	83

DRAWING NUMBER
ES-102



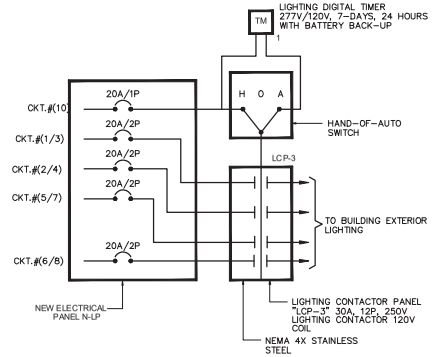
PROPOSED ELECTRICAL AND LIGHTING
PARTIAL SITE PLAN
SCALE: 1:400

NOTES:

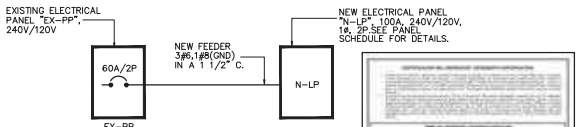
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3. REFER TO STRUCTURAL DRAWINGS FOR POLE CONCRETE BASES.
4. FOR LUMA GENERAL NOTES SEE DWG. ES-106.
5. REFER TO DWG. ES-107 FOR THE SKATE PARK LIGHTING POLE SCHEDULE.

LIGHTING SITE LEGEND:

P1	NEW SINGLE ARM POLE AND LUMINAIRE. "P1" INDICATES POLE AND LUMINAIRE DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAIL.
P2	SAME AS ABOVE, BUT DOUBLE ARM.
L1	NEW LIGHTING BOLLARD. "L1" INDICATES BOLLARD DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAILS.
#8 (1)	NEW LIGHTING CIRCUIT, 24" BELOW FINISHED GRADE. DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
PP (1,2)	HOME RUN TO PANEL, 24" BELOW FINISHED GRADE. "PP" INDICATES DESTINATION PANEL AND THE NUMBERS INDICATES CIRCUIT NUMBERS (IF NUMBERS ARE SEPARATED BY "/ " THIS MEANS THAT IS A MULTIPOLE CIRCUIT)DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
E	EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
E E	SAME AS ABOVE, BUT DOUBLE ARM.
P1	NEW SKATEPARK LIGHTING POLE AND LUMINAIRES. REFER TO MUSCO POLE SCHEDULE FOR DETAILS.



LCP-3 LIGHTING CONTACTOR PANEL DIAGRAM



ELECTRICAL DIAGRAM

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PROPOSED ELECTRICAL AND LIGHTING PARTIAL SITE PLAN

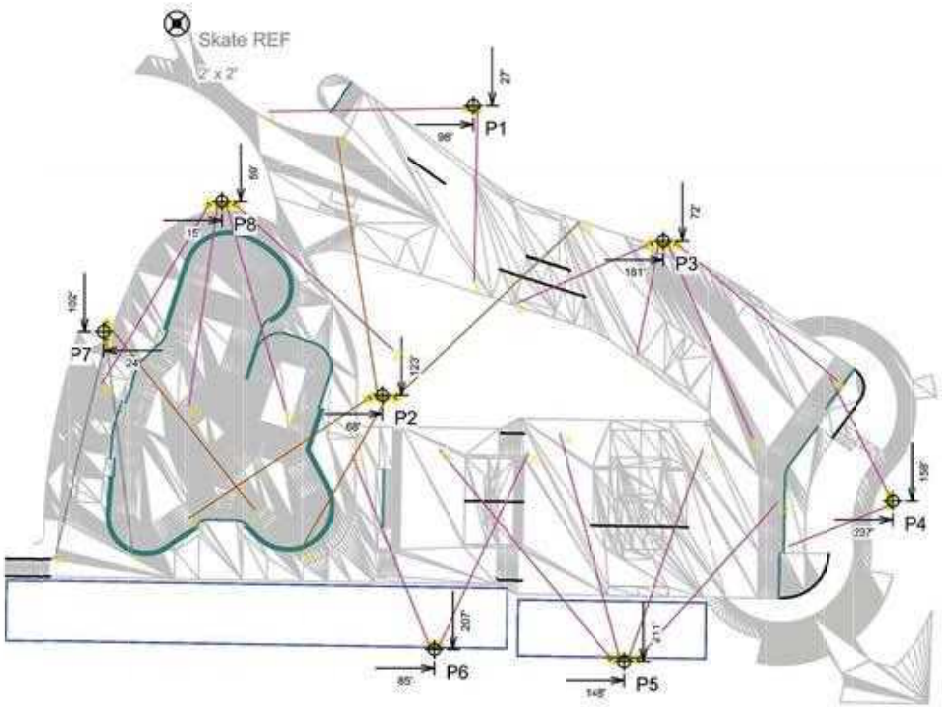
COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2025.10.27	BOK DELIVERY	JST	JST

PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
74	83

DRAWING NUMBER
ES-103



Escambrón Skate Park

San Juan,PR

DISPOSICIÓN DEL EQUIPO

Incluye:

- Skate REF

Requerimientos del Sistema Electrico:

Referirse a la Tabla de Amperaje o al Resumen del Sistema de Control MUSCO para tamaño del cable.

Requerimientos de Instalación: Resultados asumen ± 3% del voltaje nominal al lado de la linea del conductor y estructuras ubicadas dentro de 1m de ubicación del diseño.

Listado de equipo para área mostrada

	Poste			Luminarias		
Cant.	UBICACIÓN	TAMAÑO	Nivel de Terreno ELEVACIÓN	Altura de Montura	Tipo de Lampara	Cant./ POSTE
2	P1, P4	50'	-	50'	TLC-LED-550	2
1	P2	70'	5.5'	75.5'	TLC-LED-550	4
2	P3, P8	50'	-	50'	TLC-LED-550	4
1	P5	50'	-	60'	TLC-LED-550	4
1	P6	60'	25'	60.25'	TLC-LED-550	2
1	P7	50'	-	50'	TLC-LED-550	3
8	TOTALES					25

TABLA DEL AMPERAJE POR LÁMPARA

Driver (.90 factor de potencia min.)	Linea de amperaje por lámpara (máximo consumo)						
Tensión Monofasico	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-550	3.2	3.0	2.6	2.4	1.9	1.8	1.4

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK PHOTOMETRY AND SCHEDULE

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOE DELIVERY	JST	JST



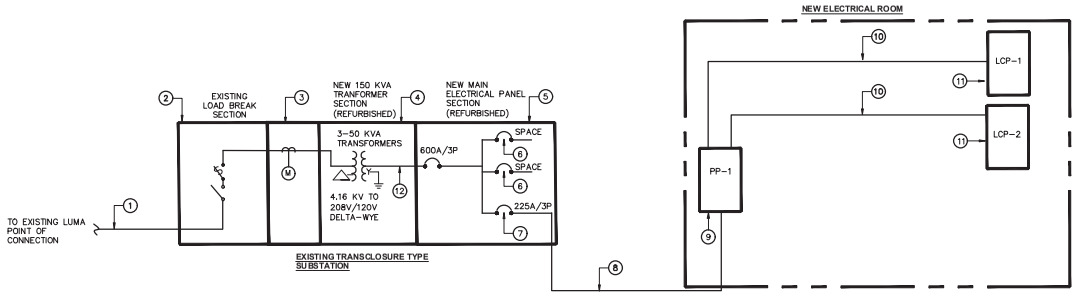
JORGE SANTORI TRISTANI
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PROJECT
--

DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
75	83

DRAWING NUMBER
ES-104



SKATE PARK ELECTRICAL DIAGRAM

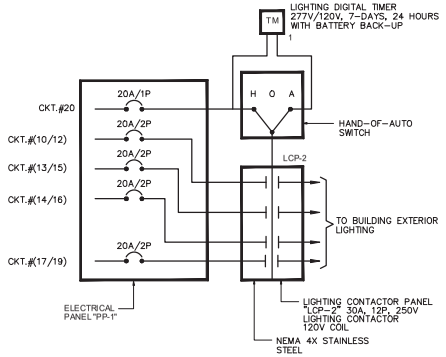
SKATE PARK DIAGRAM LEGEND:

1. EXISTING PRIMARY FEEDER TO REMAIN.
2. EXISTING PRIMARY LOAD BREAK SWITCH SECTION TO REMAIN. FUSE SIZE TO BE CHANGE TO 10E.
3. EXISTING LUMA METER SECTION TO REMAIN.
4. EXISTING TRANSFORMER SECTIONS TO REMAIN AND TO BE REFURBISHED, BUT THE EXISTING TRANSFORMERS AND ALL OF THE RELATED EQUIPMENT TO BE REMOVED. INSTALL 3-50 KVA TRANSFORMERS, ONE PHASE, 4.16 KV DELTA PRIMARY AND 208V/120V WYE SECONDARY, 4-WIRE, SOLID NEUTRAL, WYRE SECONDARY SERVICE WITH 4-2 1/2% TAPS BELOW NORMAL PRIMARY VOLTAGE. TRANSFORMER MUST BE COMPLY WITH THE DEPARTMENT OF ENERGY REGULATIONS AND STANDARDS.
5. EXISTING MAIN DISTRIBUTION PANEL SECTION TO REMAIN AND TO BE REFURBISHED. EXISTING MAIN ELECTRICAL PANEL AND BREAKERS TO BE REMOVED AND REPLACED WITH A NEW MAIN ELECTRICAL PANEL 600A, 208V/120V, 3Φ, 4 WIRE, 42 KAIC. WITH MAIN BREAKER.
6. NEW SPARE SPACE FOR FUTURE BREAKERS.
7. NEW CIRCUIT BREAKER TO BE INSTALLED. AMPERES AND POLES AS INDICATED.
8. NEW FEEDER 4-250 KCMIL, 1#4 (GND) IN A 3 1/2" CONDUIT.
9. NEW ELECTRICAL DISTRIBUTION PANEL. SEE PANEL SCHEDULE FOR DETAILS.
10. NEW VARIOUS LIGHTING CIRCUITS. REFER TO LIGHTING CONTACTORS DIAGRAM FOR DETAILS.
11. NEW LIGHTING CONTACTOR PANEL. SEE LIGHTING CONTACTOR DIAGRAM FOR DETAILS.
12. NEW SECONDARY FEEDER TWO (2) SETS EACH CONSISTING OF 4-350 KCMIL, 1#1/0 (GND).

TRANSCLOSURE REFURBISH NOTES:

THE EXISTING SKATE PARK TRANSCLOSURE SUBSTATION MUST BE REPAIR. THE FOLLOWING JOBS MUST BE DONE AS PART OF THE REPAIR.

1. COORDINATE ALL OF THE WORK WITH LUMA BEFORE PURCHASING ANY EQUIPMENT AND STARTING ANY WORK.
2. CLEAN AND REPAIR THE EXTERIOR AND INTERIOR OF THE SUBSTATION.
3. REPLACE THE PRINARY FEEDER, TERMINALS AND ANY RELATED ITEM FROM THE PRIMARY LOAD BREAK UP TO THE TRANSFORMER SECTION.
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9. WORK MUST BE PERFORM AND CERTIFIED BY AN LICENSED ELECTRICIAN.



LCP-2 LIGHTING CONTACTOR PANEL DIAGRAM



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CONSULTANT'S SEAL

YO, JORGE SANTORI TRISTANI, INGENIERO LICENCIADO #18424, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ LOS ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTACIONES O CORPORACIONES PÚBLICAS CONJURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. (EN EL CASO, ASIMISMO, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LOS DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2008, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, NO ME EXIME RESPONSABILIDAD DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA QUE...

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ELECTRICAL DIAGRAM

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOK DELIVERY	JST	JST

PROJECT
--
DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
76	83

DRAWING NUMBER
ES-105

LUMA/P.R.E.P.A. GENERAL NOTES:

1. THIS DRAWINGS ARE AN EXACT COPY OF THE DRAWINGS SUBMITTED TO THE OGPE.
2. BEFORE STARTING DATE OF THE PROJECT THE OWNER IS RESPONSIBLE IN OBTAINING ALL THE NECESSARY ENDORSEMENTS AND PERMITS FROM ALL THE STATE, MUNICIPALITY AND FEDERAL GOVERMENT AGENCIES THAT COULD BE REQUIRED FOR THIS TYPE OF PROJECT.
3. THE OWNER SHALL CONTRACT THE SERVICES OF A LICENSE ENGINEER TO INSPECT ALL THE ELECTRICAL WORKS IN ACCORDANCE WITH THE CERTIFIED LAW (LAW NO. 7, JULY 19, 1995) AND THE P.R.E.P.A. MANUAL "REGLAMENTOS DE CERTIFICACION DE PLANOS DE PROYECTOS DE CONSTRUCCION ELECTRICA" THE OWNER IS RESPONSIBLE OF NOTIFYING THE P.R.E.P.A. THE ASSIGNED PRIVATE INSPECTOR BEFORE STARTING ANY WORKS.
4. ALL CONSTRUCTION SHALL BE DONE IN A THOROUGH AND WORKMANLIKE MANNER, IN ACCORDANCE WITH THE SPECIFICATIONS AND CONSTRUCTION DRAWINGS. THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, NESC, IEEE, NEMA AND ANSI STANDARDS, SHALL BE FOLLOWED, EXCEPT WHERE LOCAL REGULATIONS ARE MORE STRINGENT, IN WHICH CASE LOCAL REGULATIONS SHALL GOVERN.
5. THE CONTRACTOR IS NOT AUTHORIZED TO MAKE CHANGES FROM THE ELECTRICAL DESIGN. IT SHOULD BE RESPONSIBLE TO CONSULT THE ELECTRICAL DESIGNER OR THE PROJECT INSPECTOR ANY DOUBTS OF INTERPRETATIONS OF THE DRAWINGS, EXECUTION OF THE WORK, TECHNICAL SPECIFICATIONS OR ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THE PROPOSED DESIGN.
6. THE OWNER OF ELECTRIC CONTRACTOR WILL NOTIFY THE PREPA THE BEGINNING OF THE WORKS OF THE PROJECT, BY MEANS OF THE DELIVERY A START NOTIFICATION DOCUMENT TO THE CORRESPONDING REGION'S DISTRIBUTION ENGINEERING DEPARTMENT.
7. THE PRIVATE INSPECTOR AND THE CONTRACTOR ARE RESPONSIBLE IN ASSISTING TO A PRE-CONSTRUCTION MEETING TO COORDINATE ALL THE WORKS WITH THE ENGINEERING DISTRIBUTION DEPARTMENT OF THE CORRESPONING REGION.
8. ALL WORKS NEEDED TO BE DONE IN THE EXISTING ENERGIZED P.R.E.P.A. LINES INCLUDING CONNECTING THE PROJECT HAS TO BE DONE BY P.R.E.P.A. THE OWNER WILL BE RESPONSIBLE OF ALL THE EQUIPMENT COST, MATERIALS AND LABOR. THE OWNER SHALL REQUEST TO THE P.R.E.P.A. AN ESTIMATE OF THE NECESSARY WORKS. THE ESTIMATE WILL BE VALID FOR A PERIOD OF THREE (3) MONTHS AFTER BEING EXPEDITED.
9. IT WILL BE PROHIBIT TO DO ANY WORK IN THE EXISTING P.R.E.P.A. RIGHT-OF-WAY WITH OUT A WRITTEN AUTHORIZATION LETTER FROM THE P.R.E.P.A.
10. THE P.R.E.P.A. WILL NOT AUTHORIZE ANY CONNECTION IF THERE IS A RIGHT-OF-WAY INVASION CONDITION OR IF THE LINES DOES NOT COMPLY WITH THE SECURITY CLEARANCES.

SPECIAL LUMA/P.R.E.P.A. NOTES:

1. THE OWNER OF THE PROJECT MUST CONTRIBUTE:
   - ☒ THE AMOUNT OF $825.00 FOR IMPROVEMENTS IN THE EXISTING ELECTRICAL INFRASTRUCTURE.
   - ☒ REQUIRED WORKS SPECIFIED IN THE EVALUATION OF THIS PROJECT DATE ON DECEMBER 12, 2022.

   THIS CONTRIBUTION ARE DONE ACCORDING TO THE PROPOSED AGREEMENT WITH THE "REGLAMENTO PARA DETERMINAR Y COBRAR LAS APORTACIONES DE PERSONAS O INSTITUCIONES EN PROYECTOS DE DESARROLLO VIGENTE".
2. P.R.E.P.A. WILL NOT ENERGIZE THE SYSTEM UNTIL ALL THE CORRESPONDING RIGHTS-OF-WAY, ON THE PROJECT AND/OR OFF-SITE, HAVE BEEN GRANTED AS REQUIRED IN THE "REGLAMENTO DE SERVIDUMBRE PARA LA AUTORIDAD DE ENERGIA ELECTRICA". THIS REQUIREMENT AND NOTES APPLIES TO ALL REQUIRED RIGHT-OF-WAYS, INSIDE OR OUTSIDE OF THE PROJECT LIMITS.
3. THE INSTALLATION OF THE METERING EQUIPMENT MUST BE CONSULTED AND COORDINATED WITH METERING OFFICE OF THE CORRESPONDING REGION. THE DESIGNER OR THE ELECTRICAL CONTRACTOR MUST MAKE SURE TO CONSULT WITH THE METERING OFFICE THE EQUIPMENT AND MATERIALS TO BE USED AND THE LOCATION OF THE PROPOSED EQUIPMENTS.
4. IT IS NOT PERMITTED TO INSTALL TRANSFORMERS, SUBSTATION OR ANY ELECTRICAL EQUIPMENT ABOVE SEWER OR WATER INFRASTRUCTURE.

LUMA/P.R.E.P.A. MATERIAL NOTES:

1. ALL THE EQUIPMENT TO BE USED SHALL COMPLY WITH THE IEEE, ANSI, NEMA AND ASTM STANDARDS.
2. THE CONTRACTOR IS RESPONSIBLE OF VERIFYING THAT ALL THE MATERIALS OR EQUIPMENTS ARE APPROVED BY THE P.R.E.P.A. BEFORE ANY PURCHASE AND INSTALLATION. THE P.R.E.P.A. RESERVES THE RIGHT OF ACEPTING ANY EQUIPMENT.
3. WITHIN (1) MILE OF THE SEASHORE, ALL ENCLOSURES, EQUIPMENT AND MATERIALS SHALL BE STAINLESS STEEL, EXCEPT THE METERING BASES.
4. ALL UNDERGROUND P.R.E.P.A. ELECTRICAL LINES SHALL USE PRIMARY CABLES WITH 15 KV TERMINATIONS FOR DISTRIBUTION SYSTEMS AND 46 KV TERMINATIONS FOR 38 KV ELECTRICAL LINES.
5. AERIAL P.R.E.P.A. ELECTRICAL LINES SHALL USE 15 KV POLYMER INSULATION TERMINALS FOR DISTRIBUTION LINES AND 46 KV TERMINALS FOR 38 KV ELECTRICAL LINES.
6. THE CONTRACTOR IS RESPONSIBLE TO PRINT IN ALL THE TRANSFORMERS THE PROPERTY NUMBER ASSIGNED BY THE CORRESPONDING ENGINEERING DISTRIBUTION DEPARTMENT.

LUMA/P.R.E.P.A. SYSTEM NOTES:

1. THE OWNER IS RESPONSIBLE FOR TESTING ALL THE PRIMARY AND SECONDARY CABLES WITH THEIR CORRESPONDING TERMINATIONS. THE TEST RESULTS SHALL BE IN ACCORDANCE WITH THE PARAMETERS ESTABLISHED BY THE P.R.E.P.A. THIS TEST MUST BE PERFORMED IN COORDINATION WITH A REPRESENTANT FROM P.R.E.P.A. INSPECTION OFFICE OF THE CORRESPONDING REGION.
2. DURING THE CABLE INSTALLATION, THIS MUST BE PROTECTED FROM MOISTURE AND ABRASIONS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE CABLE USING RECOMMENDED PRACTICES TO NOT EXCEED THE TENSIONS SPECIFIED FOR THE CABLE.
3. ALL THE COVERS OF ANY MANHOLE INSTALLED IN THE PLANTING AREA SHALL BE PROTECTED WITH REINFORCED CONCRETE ACCORDING TO THE P.R.E.P.A. STANDARD URD-52.
4. WHERE THE PROJECT IS LOCATED WITHIN ONE (1) MILE OF THE SEASHORE THE RISER SHALL BE PVC SCH. 80 OR FIBERGLASS APPROVED BY THE P.R.E.P.A.
5. ALL UNDERGROUND TRENCHES SHALL BE INSPECTED BY THE P.R.E.P.A. BEFORE IT IS COVERED AND COMPACTED.
6. ALL UNDERGROUND ELECTRICAL LINES UNDER OR EXPOSED VEHICULAR TRAFFIC AREA SHALL BE PROTECTED WITH CONCRETE. WHERE OTHER UTILITIES ARE PRESENT IT MUST MAINTAIN A MINIMUM CLEARANCE OF 13".
7. THE CONTRACTOR SHALL PROVIDE SPARES FUSES EQUAL TO THE AMOUNT USED IN THE SUB-STATION.
8. ALL THE GROUND CONNECTION SHALL BE COMPRESSION OR THERMO-WELD TYPE.
9. THE CONTRACTOR SHALL PROVIDE A FISHWIRE FOR ALL SPARE CONDUITS.
10. MAXIMUM RESISTANCE TO GROUND SHALL BE 10 OHMS OR LESS. A GROUND ROD SHALL BE INSTALLED TO CONNECT THE NEUTRAL EVERY FOUR (4) POLES OR EVERY 1,000 FEET AND IN ALL THE TRANSFORMERS.
11. EACH POLE CONCRETE BASE SHALL INCLUDE TWO (2) SPARE CONDUITS FOR FUTURE USE, AS REQUIRED BY THE P.R.E.P.A.
12. EACH POLE CONCRETE BASE SHALL INSPECTED BY THE P.R.E.P.A. IN THE CONSTRUCTION STAGE.

IMPORTANT NOTES: (FOR PROJECTS LESS THAN ONE (1) MILE FROM SEASHORE)

1. ALL ELECTRICAL EQUIPMENT ENCLOSURES NOT RELATED TO PREPA, LOCATED OUTDOORS SHALL BE RAINTIGHT AND STAINLESS STEEL OR APPROVED UV LIGHT RESISTANT PLASTIC.
2. SUPPORTS CHANNELS UNISTRUTS SHALL BE OF STAINLESS STEEL OR ALUMINUM MATERIALS.
3. CONDUITS STRAPS SHALL BE OF ALUMINUM OR STAINLESS STEEL MATERIAL.
4. DISSIMILAR METALS SHALL BE SEPARATED BY A DIELECTRICS GASKET.
5. EXPOSED CONDUITS SHALL BE PVC SCH. 80 OR PAINTED RGS CONDUITS.
6. SUB-STATION TRANSCLOSURES, TRANSFORMERS AND PREPA EQUIPMENT CABINET SHALL BE STAINLESS STEEL AS PER PREPA SPECIFICATIONS.
7. OUTDOOR HIGH VOLTAGE CABLE TERMINATIONS SHALL BE RATED 27 KV.
8. SUB-STATION LOUVERS WINDOWS SHALL BE STAINLESS STEEL.

IMPORTANT EVALUATION LETTER NOTES:

1. THE CONTRACTOR AND OWNER MUST COORDINATE THE DETAILS AND COST OF THE JOBS WITH THE SAN JUAN ENGINEERING OFFICE TO FORMALIZE THE COST ESTIMATE REQUEST.
2. IT IS REQUIRED TO INCLUDE AS PART OF THE DESIGN THE INSTALLATION OF FUSE CUT-OUTS WITH FUSE PROTECTION AT THE POINT OF CONNECTION OR IN THE FIRST POLE OF THE PROJECT.
3. ONCE THE DESIGN PLANS ARE ENDORSED THE CONTRACTOR AND THE OWNER MUST REQUEST A COST ESTIMATE OF THE WORK DESCRIBED ON PONT # 4. THEN A REQUEST MUST BE MADE FOR THE PAYMENT REFERRAL TO PERFORM THE DESCRIBED IMPROVEMENTS. ONCE THE PAYMENT HAS BEEN MADE, THREE (3) MONTHS BEFORE STARTING ANY WORK A COPY OF THE PAYMENT RECEIPT MUST BE SUBMITTED TO THE PONCE ENGINEERING REGION.
4. THE PROJECT OWNER MUST COORDINATE ALL WORKS WITH THE SAN JUAN DISTRICT MANAGER THE PRIMARY VOLTAGE TO BE USED, PRIOR TO THE PURCHASE OF THE TRANSFORMERS.
5. THE LUMA EVALUATION OF THE POINT OF CONNECTION DOES NOT CONSTITUTE A REVISION OF THE DESIGN PLANS. THE DESIGNER IS RESPONSIBLE FOR COMPLYING WITH CODES, REGULATIONS, MANUALS, STANDARDS, AND APPLICABLE REGULATION ARE IN ACCORDANCE WITH THE ELECTRICAL SYSTEM OF PUERTO RICO. IN ADDITION, THE DESIGN MUST COMPLY WITH THE PLANNING REGULATION NUMBER 22, AS REQUIRED BY OGPE.
6. THE PROJECT OWNER OR HIS REPRESENTATIVE MUST NOTIFY THE SAN JUAN REGION ENGINEERING DISTRIBUTION OFFICE INSPECCIONESSAN.JUAN@LUMAPR.COM THE BEGINNING OF THE WORK AFTER THE THE ENDORSEMENT OF THE PLANS AND PRIOR TO THE ELECTRICAL WORKS OF THE PROJECT BEGINS FOR THE REQUIRED INSPECTION, APPROVAL, AND THE NECESSARY COORDINATION.
7. FOR ALL SERVICES FOR EXCLUSIVE USE, THE PROJECT OWNER WILL PROVIDE ALL THE NECESSARY MATERIALS, INCLUDING THE TRANSFORMERS.
8. "ESTE PROYECTO REQUIRE CONTRATO DE CUENTAS AL POR MAYOR, EL CUAL ES REQUISITO QUE SE FIRME PREVIO A LA ENERGIZACION DEL PROYECTO. EL TIPO DE MEDICIÓN, LOS EQUIPOS A UTILIZARSE Y LA UBICACION DEL EQUIPO DE MEDICION FUE COORDINADA CON EL GERENTE DE ESTANDARES Y PROCEDIMIENTOS."
9. LUMA WILL SELECT THE TYPE OF METERING EQUIPMENT TO BE INSTALLED IN THE PROJECT ACCORDING TO THE SERVICE REQUESTED AND THE EQUIPMENT AVAILABILITY. THE CONTRACTOR MUST COORDINATE WITH TO PROVIDE THE METER BASE SPECIFICATIONS BEFORE STARTING THE CONSTRUCTION WORK.
10. IF THE PROJECT REQUIRES THE INSTALLATION OF SECONDARY OR PRIMARY METERING FOR ONE OR MORE WHOLESALE RATES SERVICES, THE ELECTRICAL DESIGNER HAS TO COORDINATE WITH THE DIRECTOR OF METERING AT CONSULTA.MEDICIONES@LUMAPR.COM, FOR THE TYPE OF METERING EQUIPMENT THAT WILL BE USE IN THE PROJECT AND THE LOCATION OF THE EQUIPMENT. LUMA WILL SELECT THE TYPE OF METERING EQUIPMENT TO BE INSTALLED IN THE PROJECT ACCORDING TO THE REQUESTED SERVICES AND ITS AVAILABILITY.



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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
LUMA NOTES

COMPUTER PLOT

THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	90% DELIVERY	JST	JST

PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
77	83

DRAWING NUMBER
ES-106

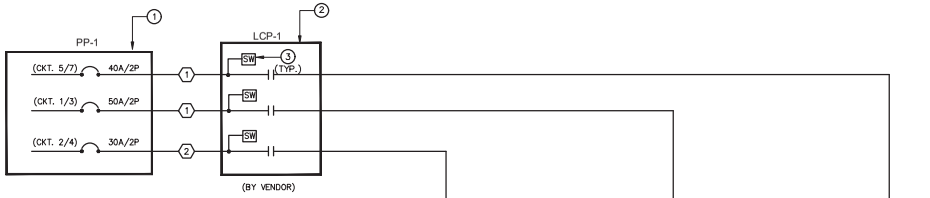
SITE LIGHTING FIXTURE SCHEDULE

ITEM #	EQUIPMENT DESCRIPTION	LAMPS NO. AND TYPE	POLE	VOLTAGE	MANUFACTURER MODEL NUMBER	REMARKS
P1	POLE MOUNTED LUMINAIRE	LED/ 7423 LUMENS/78W/3000K/ TYPE II	15'-0" ALUMINUM 6" ROUND	208V-240V	LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-2-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-STE-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
P2	POLE MOUNTED LUMINAIRE	LED/ 7423 LUMENS/78W/3000K/ TYPE III	15'-0" ALUMINUM 6" ROUND	208V-240V	LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-3-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-STE-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
P3(A) P3(B)	POLE MOUNTED LUMINAIRE	P3(A)-LED/7423 LUMENS/78W/3000K/ TYPE III P3(B)-LED/8019 LUMENS/78W/3000K/ TYPE IV	15'-0" DOUBLE ARM ALUMINUM 6" ROUND	208V-240V	P3(A) LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-3-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE P3(B) LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-4-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-S2E-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
P4	POLE MOUNTED LUMINAIRE	LED/ 10693 LUMENS/115W/3000K/ TYPE IV SQUARE	15'-0" ALUMINUM 6" ROUND	208V-240V	LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M100-30K-CRI80-5S-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-S1E-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
L6	3'-0" ALUMINUM BOLLARD	LED/950 LUMENS/11W/3000K/TYPE III	3'-0" ALUMINUM BOLLARD	208V-240V	EQUAL OR APPROVED EQUAL TO MODEL BLDB-TM1-VOLT-3FT-CSL-N10-30K-CRI80-3-FINISH-DIM-CRC AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)

(1) CORROSION RESISTANT

(2) SEE STRUCTURAL DRAWINGS AND THE MANUFACTURER RECOMMENDATIONS FOR THE CONCRETE BASE DETAIL

(3) OBTAIN THE FINAL APPROVAL OF FINISHES WITH THE PROJECT ARCHITECT.



LCP-1 DIAGRAM LEGEND:

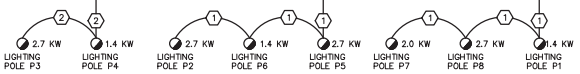
(1) NEW MAIN ELECTRICAL PANEL, 208V/120V, 3ø. SEE PANEL SCHEDULE FOR DETAILS.

(2) NEW LIGHTING CONTACTOR PANEL WITH INTEGRATED ON-AUTO-OFF SELECTOR SWITCH FOR CONTROLLING THE LIGHTING FIXTURE. TO PROVIDED BY MUSCO LIGHTING.

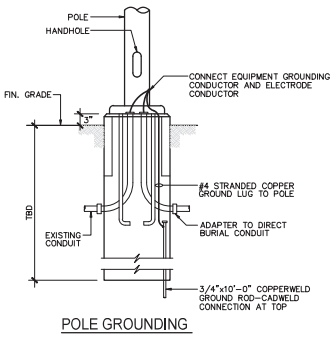
(3) INTEGRATED ON-AUTO-OFF SELECTOR SWITCH FOR LIGHTING CONTROL. TO BE PROVIDED BY MUSCO LIGHTING.

FEEDER SCHEDULE:

(1) 2#2, 1#2(GND) IN A 1 1/2" C.



"LCP-1" SKATE PARK LIGHTING CONTACTOR PANEL DIAGRAM



POLE GROUNDING

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CONSULTANT'S SEAL

YO, JORGE SANTORI TRISTANI, INGENIERO LICENCIADO #18424, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ O ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CONCURRIDOS Y ESTÁN EN CONFORMIDAD CON EL CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. (EN EL CASO, ASIMISMO, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA, SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FASIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, MEDIACIÓN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OSPE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SITE SCHEDULE AND LIGHTING DIAGRAM

COMPUTER PLOT

THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOE DELIVERY	JST	JST

PROJECT

DRAWING BY/CHECKED BY
R.L.R. J.S.T.

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GENERAL NOTES: (NOT ALL NOTES APPLY)

1. COMPLY WITH LATEST NATIONAL ELECTRICAL CODE (NEC) AND WITH ALL LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN REQUIREMENTS, CONFORM WITH THE MOST RESTRICTIVE.
2. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE AUTHORITIES.
3. VERIFY ALL ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF EQUIPMENT WITH DRAWINGS AND SPECIFICATIONS. CHECK AND VERIFY ALL DIMENSIONS IN THE FIELD.
4. COORDINATE THE LOCATION OF ALL ELECTRICAL EQUIPMENT, LIGHTING FIXTURES, RACEWAYS, ETC. WITH THE OTHER TRADES, SO AS TO AVOID INTERFERENCES WITH DUCTWORK, PIPING, BUILDING STEEL, ETC.
   A. MAINTAIN ADEQUATE ACCESS TO ALL JUNCTION, TERMINATION AND PULL
   B. MAINTAIN ADEQUATE ACCESS TO ALL EQUIPMENT FOR OPERATION
5. ALL MOUNTING HEIGHTS INDICATED ARE TO CENTERLINE OF DEVICE EXCEPT FOR LIGHTING FIXTURES AND AS OTHERWISE NOTED OR SPECIFIED. MOUNTING HEIGHTS FOR LIGHTING FIXTURES ARE TO BOTTOM OF UNIT.
6. CONDUIT ROUTINGS SHOWN, ARE DIAGRAMATIC. COORDINATE ACTUAL ROUTINGS TO AVOID INTERFERENCES WITH ALL OTHER TRADES, AND TO ADJUST TO EXISTING CONDITIONS.
7. SUPPORT WALL MOUNTED ELECTRICAL EQUIPMENT (I.E. PANELBOARDS, TRANSFORMER, ETC.) BY UNISTRUT CHANNEL SECURED TO FLOOR AND CEILING UNLESS WALL IS MASONRY TYPE WHICH IS SUITABLE CONSTRUCTION TO SUPPORT WEIGHT OF ELECTRICAL EQUIPMENT, OR EXCEPT AS OTHERWISE NOTED OR SPECIFIED.
8. PROVIDE MINIMUM NO. 12 AWG COPPER WIRING FOR POWER AND LIGHTING SYSTEMS, INSTALLED IN 3/4 " CONDUIT MINIMUM, EXCEPT AS OTHERWISE NOTED OR SPECIFIED.
9. PROVIDE BRANCH CIRCUIT WIRING FOR 120 VAC, SINGLE PHASE MOTORS, 1/2 HORSEPOWER AND LESS CONSISTING OF TWO NO. 12 AWG AND ONE NO. 12 AWG GROUND IN 3/4 INCH CONDUIT.
10. WHERE OVERSIZED CONDUCTORS ARE INDICATED ON THE DRAWINGS, WHICH CANNOT BE SAFELY TERMINATED DUE TO DEVICE LUG SIZE AND/OR WIRE BENDING SPACE LIMITATIONS; PROVIDE A JUNCTION BOX AND NEC COMPLYING FEEDER TAP OF SMALLER WIRE SIZE SUITABLE FOR TERMINATION AT THE DEVICE.
11. PROVIDE ELECTRICAL EQUIPMENT, PANELS, DEVICES, BOXES, ETC., LOCATED IN WET AREAS SUITABLE FOR INSTALLATION IN WET LOCATIONS (I.E. WATERPROOF) EXCEPT OTHERWISE NOTED OR SPECIFIED.
12. THE CONTRACTOR SHALL PROVIDE ALL SUPPORTS AND SEISMIC BRACING FOR ALL ELECTRICAL EQUIPMENT AND COMPONENTS INSIDE AND OUTSIDE THE BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF SUCH SUPPORTS AND SEISMIC BRACING IN ACCORDANCE WITH ALL APPLICABLE CODES.
13. MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING EQUIPMENT TO REMAIN IN SERVICE.
14. BROOM CLEAN ALL WORK AREAS UPON COMPLETION OF WORK EACH DAY.
15. ALL EXPOSED SUPPORTS SHALL BE RGS UNLESS OTHERWISE NOTED.
16. ALL CONDUIT INSIDE BUILDING SHALL BE INSTALLED SUPPORTED FROM ROOF STEEL STRUCTURE. NO CONDUIT SHALL RUN 10" LOWER FROM STRUCTURE WHERE IT CAN BE AVOIDED.
17. PROVIDE CONDUIT SEALS IN ALL CONDUITS THAT CROSS CLEAN ROOM AND HAZARDOUS CLASSIFICATION BOUNDARIES.
18. ALL GROUND WIRES SHALL BE STRANDED COPPER AS FOLLOWS:
   A. MAIN GROUNDING CONDUCTOR: #4/0 AWG BARE (FOR UNDERGROUND INSTALLATIONS) OR THWN IN 1" CONDUIT.
   B. BRANCHES TO EQUIPMENT, COLUMNS, ETC: #4/0 AWG BARE (FOR UNDERGROUND INSTALLATIONS) OR THWN IN A 1" CONDUIT.
   C. BOND CONDUIT AND GROUNDING WIRE AT BOTH ENDS OF CONDUIT RUN.
19. COMBINATION STARTER AND DISCONNECT SWITCH RATINGS, BREAKER, FUSE, POLES,STARTER SIZE WILL BE INDICATED AS FOLLOWS:
   A. FOR EQUIPMENT CONNECTED TO THE MOTOR CONTROL CENTERS OR CONTROL PANELS SHALL BE INDICATED: ON THE ONE LINE DIAGRAM BESIDE THE SYMBOL.
   B. FOR EQUIPMENT CONNECTED TO PANELBOARDS: ON THE FLOOR PLANS BESIDE THE SYMBOL.
20. CONDUCTOR INSULATION SHALL BE THWN–2 (90°C). USE XHHW–2 (90°C) TYPE CONDUCTOR FOR UNDERGROUND RUNS. (UON)
21. LIGHTING FIXTURES SHALL BE LOCATED AS SHOWN ON THE LIGHTING DWGS. LOCATIONS SHALL BE CHECKED IN FIELD SO THAT WHEN FIXTURES ARE INSTALLED THEY AVOID CREATING SHADOWS BECAUSE OF INTERFERENCE FROM PIPING, STRUCTURAL MEMBERS OR EQUIPMENT. WHEN LIGHTING FIXTURE LOCATIONS ARE DIMENSIONED, FIXTURES SHALL BE INSTALLED EXACTLY AS SHOWN ON THE DRAWINGS.
22. ALL CONDUIT AND FITTINGS SHALL BE RUN EXPOSED WHERE POSSIBLE, AND TO BE SECURELY SUPPORTED AND EFFECTIVELY GROUNDED.
23. CONDUIT SHALL RUN ABOVE PROCESS LINES WHERE POSSIBLE.
24. CONDUIT SPACE IS ALLOCATED ON THE PIPING DRAWINGS. CONDUIT BANKS SHALL BE CONFINED TO THAT SPACE. EXACT LOCATION OF EACH CONDUIT WITHIN THE CONDUIT SPACE SHALL BE DETERMINED IN THE FIELD BY THE ELECTRICAL CONTRACTOR.
25. EXACT LOCATION OF INDIVIDUAL CONDUIT RUNS OUTSIDE THE ALLOCATED CONDUIT SPACE SHALL BE DETERMINED IN THE FIELD BY THE ELECTRICAL CONTRACTOR UNLESS DIMENSIONED ON THE DRAWINGS.
26. ALL WIRES WITHIN A CONDUIT SHALL BE KEPT SEGREGATED FROM ALL OTHER CIRCUITS IN OTHER CONDUITS FOR THE FULL LENGTH OF THE RUN, EXCEPT AS SHOWN ON CONTRACT ELECTRICAL CONSTRUCTION DRAWINGS. NO COMMON PULL BOXES SHALL BE INSTALLED.
27. IN OUTDOOR LOCATIONS CONDUIT SHALL ENTER EQUIPMENT FROM THE BOTTOM. WHERE SIDE OR TOP ENTRY IS REQUIRED, DRAIN FITTINGS SHALL BE INSTALLED.
28. CONDUIT DRAINS IN APPROPRIATE FITTINGS SHALL BE INSTALLED AT ALL LOW POINTS OF OUTDOOR CONDUIT SYSTEMS & INDOOR WASHDOWN AREAS.
29. SINGLE CONDUIT RUNS SHALL BE SECURE TO STRUCTURAL MEMBERS WITH RIGHT ANGLE OR PARALLEL BEAM CLAMPS OR EQUAL. MULTIPLE CONDUIT RUNS SHALL BE RUN ON CONDUIT SUPPORTS.
30. ALL UNDERGROUND CONDUIT SHALL BE ENCASED IN CONCRETE UNLESS OTHERWISE NOTED.
31. FITTINGS OR BOXES USED FOR SPLICING CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH N.E.C. ARTICLE 314.
32. USE PVC SCH. 40 CONDUIT WHEN CONCEALED IN CONCRETE OR UNDERGROUND. ALL EXPOSED CONDUITS IN
33. USE PVC SCH. 40 CONDUIT WHEN CONCEALED IN CONCRETE OR UNDERGROUND. ALL EXPOSED CONDUITS IN THE EXTERIOR, DAMP LOCATIONS AND CLASSIFIED AREAS SHALL BE RIGID GALVANIZED STEEL AND LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT FOR CONNECTIONS TO THE EQUIPMENT. USE EMT CONDUIT FOR INTERIOR AREAS, BUT EXCLUDING PROCESS AREAS. USE STAINLESS STEEL FOR EXPOSED CONDUITS IN CLEAN ROOMS AREAS
34. WIRING DEVICE BOXES SHALL BE AS PER NATIONAL ELECTRICAL CODE, ARTICLE 314.
35. FINAL LOCATION OF THE ELECTRICAL SERVICE POINT SHALL BE COORDINATED BY THE CONTRACTOR BASED ON THE OUTSIDE ELECTRICAL DISTRIBUTION DRAWINGS. BEFORE COMMENCING ANY CONSTRUCTION WORK.
36. USE CONCRETE – TIGHT CONNECTORS AND COUPLINGS FOR PVC CONDUIT.
37. CONDUITS SHALL BE 3/4" DIAM. (MINIMUM SIZE).
38. BRANCH CIRCUITS SHALL HAVE 100% SIZED INDEPENDENT NEUTRAL (UON).
39. ALL CONDUITS SHALL HAVE A MECHANICAL GROUND, COPPER CONDUCTOR GROUND SCREW WITH A NO. 12 THW COPPER GREEN WIRE JUMPER. (UON)
40. CONTRACTOR SHALL BALANCE ALL LOADS.
41. LEAVE A NO. 12 AWG GALVANIZED FISH WIRE IN ALL SPARE CONDUITS.
42. ALL CONDUIT IN CONTACT WITH GROUND SHALL BE ENCASED IN CONCRETE 4" ALL AROUND UNLESS OTHERWISE SPECIFIED.
43. ALL PANELBOARDS SHALL BE PROVIDED WITH A FACTORY INSTALLED GROUND BUS FOR CONNECTING TO GROUND THE GREEN WIRE IN ALL PVC CONDUITS, SIMILAR TO A NEUTRAL BUS.
44. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THE PROJECT COMPLETE AND READY FOR USE; INCLUDING CONNECTING NEW POWER CIRCUITS TO EXISTING SERVICES TO REMAIN.
45. THE CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE EXISTING ELECTRICAL SYSTEM PRIOR TO BIDDING.
46. CONTRACTOR SHALL COORDINATE THE COIL VOLTAGE OF MOTOR STARTERS FOR MOTORS AND AIR CONDITIONING UNITS.
48. DIMENSIONS OF JUNCTION BOXES OR PULL BOXES SHALL BE REVISED BY THE ELECTRICAL CONTRACTOR ACCORDING TO THE ACTUAL CONDITIONS TO SECURE AT LEAST PERMISSIBLE MINIMUM CABLE BENDING RADIUS.
49. CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR IN ORDER TO PROVIDE ALL CONTROL ROUGH–IN.
50. CONTRACTOR SHALL VERIFY WITH THE MECHANICAL CONTRACTOR THE EXACT LOCATION OF THE MECHANICAL EQUIPMENT AND THE BEST LOCATION TO PROVIDE THE ELECTRICAL SERVICE FEEDER.
51. THE CONTRACTOR SHALL VERIFY THAT ALL WIRING INSIDE THE ELECTRICAL PANELS IS PROPERLY IDENTIFIED WITH CIRCUIT NUMBER TAGS (HOT, NEUTRAL AND GROUND CONDUCTORS). PROVIDE TYPE WRITTEN CIRCUIT BREAKER DIRECTORY.
52. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL CONDUIT ROUTINGS AND COORDINATE WITH THE MECHANICAL AND STRUCTURAL TRADES.
53. ANY CONDUIT STUB–UPS SHALL BE TERMINATED 8"AFF. IN A RGS CONDUIT WITH THE PROJECT ENGINEER PRIOR TO ANY ROUGH–IN WORK.
54. CONDUITS SHALL BE SECURELY FASTENED IN PLACE, HANGERS, SUPPORTS OR FASTENINGS SHALL BE PROVIDED AT EACH ELBOW AND AT THE END OF EACH STRAIGHT RUN TERMINATING AT A BOX OR CABINET.
55. CONDUIT SHALL BE RUN IN A NEAT WORKMANLIKE MANNER AT RIGHT ANGLES AND PARALLEL TO BUILDING LINES; PARALLEL CONDUITS SHALL BE RUN STRAIGHT AND PLUMB WITH UNIFORM AND SYMMETRICAL OFFSETS.
56. MOTOR CONTROLLERS OVERLOADS SHALL BE ADJUSTED AS PER MOTOR NAMEPLATE INFORMATION.
57. THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL THE ELECTRICAL CONTROLS, SAFETY SWITCHES, CONDUITS FOR CONTROLS WIRES AND ACCESSORIES NOT INDICATED ON THE ELECTRICAL DRAWINGS THAT ARE NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN ACCORDANCE WITH THE MECHANICAL, ELECTRICAL AND THE PROCESS EQUIPMENT MANUFACTURERS RECOMMENDATIONS AND STANDARDS FROM THE LOCAL AND FEDERAL REGULATING AGENCIES.
58. THE CONTRACTOR SHALL PERFORM ALL WIRING AND CONNECTIONS (POWER AND CONTROLS) NOT INDICATED IN THE ELECTRICAL DRAWINGS, BUT THAT ARE INCLUDED AS PART OF THE MANUFACTURERS EQUIPMENT INSTALLATION MANUALS AND DRAWINGS, INCLUDING ANY REQUIRED DEVICES NOT SPECIFIED ON THE DRAWINGS BUT ARE NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN STRICT ACCORDANCE WITH THE NEC.
59. ALL PANELBOARDS, BREAKERS AND DISCONNECTIVE MEANS SHALL BE IDENTIFIED ACCORDING TO THE EQUIPMENT THEY SERVE USING THE OWNERS IDENTIFICATION METHOD.
60. ALL PANELBOARDS, DISCONNECTIVE MEANS AND RECEPTACLES SHALL BE IDENTIFIED ACCORDING TO THE RESPECTIVE SERVICE VOLTAGE.
61. LIQUIDTIGHT FEXIBLE CONDUIT SHALL BE INSTALLED AT FINAL CONDUIT CONNECTIONS TO MOTORS AND DEVICES SUBJECT TO VIBRATION OR REQUIRING PERIODIC REMOVAL. LIQUIDTIGHT FLEXIBLE CONDUIT SHALL BE SUITABLE FOR THE ELECTRICAL CLASSIFICATION OF THE AREAS.
62. HARDWARE AND SUPPORTS FOR MOUNTING OF LOCAL CONTROL PANELS (LCP's), UNMOUNTED FIELD PANELS (FP's) AND RECEPTACLES SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR.
63. ALL THE ELECTRICAL EQUIPMENT ENCLOSURES OF THE COMBINATION STARTERS, DISCONNECT SWITCHES, CONTROL PANELS, JUNCTION BOX OR ANY SIMILAR ELECTRICAL DEVICE SHALL BE NEMA 4X IN STAINLESS STEEL, FOR EXTERIOR AND NEMA 1 FOR INTERIOR. UNLESS OTHERWISE NOTED.
64. IT IS IMPORTANT THAT THE ELECTRICAL CONTRACTOR VERIFIES THE SHOP DRAWINGS ELECTRICAL WIRING DIAGRAMS OF ALL THE PACKAGE UNITS BEFORE INSTALLING FEEDERS, BREAKERS AND CONDUITS. THE ELECTRICAL CONTRACTOR SHALL CONFIRM THAT THE ELECTRICAL INFRASTRUCTURE SPECIFIED ON DRAWINGS COMPLIES WITH THE REQUIREMENTS OF THE PACKAGE MANUFACTURER. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
65. ALL COMBINATIONS STARTER MOTOR CONTROLLER STARTER INDIVIDUALLY OR IN MCC'S SHALL PROVIDE HAND–OFF–AUTO SELECTOR SWITCH, START/STOP PUSH BUTTONS AND GREEN PILOT LIGHT INDICATOR FOR RUNNING CONDITION IT SHALL ALSO PROVIDE AUXILIARY CONTACTS TO SEND A SIGNAL TO A REMOTE LOCATION TO INDICATE THE STATUS OF THE MOTOR.
66. ALL RECEPTACLES AND LIGHTING SWITCH COVER PLATES SHALL BE WHITE COLOR.
67. ALL TELECOMMUNICATION AND FIRE ALARM DEVICES SHALL BE MOUNTED USING A 4 11/16" x 2 1/8" SQUARE JUNCTION BOX. (UON)
68. TELEPHONE/DATA CONDUIT RUNS SHALL BE COORDINATED WITH THE SYSTEM PROVIDER.
69. TELEPHONE CONDUIT RUNS SHOULD NOT HAVE MORE THAN TWO 90 DEGREES BENDS.
70. UNLESS OTHERWISE INDICATED ALL OUTLETS SHALL BE FLUSH MOUNTED AND SHALL HAVE THEIR OWN INDEPENDENT OUTLET BOWES. MINIMUM SIZE OF THE OUTLET BOX TO BE 4 11/16" SQUARE AND 2 1/8" DEEP. EXACT SIZE SHALL BE DETERMINED ACCORDING TO THE MAXIMUM NUMBERS OF CONDUCTORS IN THE BOX AS PER N.E.C. ARTICLE 314 SECTION 6.
71. CONTRACTOR SHALL USE NEMA 1 ENCLOSURE FOR INTERIORS AND NEMA 4X STAINLESS STEEL FOR EXTERIOR AND DAMP LOCATION.
72. CONTRACTOR IS RESPONSIBLE TO VERIFY THAT ALL THE NEW ELECTRICAL EQUIPMENTS SUCH AS BREAKERS, STARTERS, ETC. ARE COMPATIBLE WITH THE EXISTING ELECTRICAL INFRASTRUCTURE OF THE FACILITIES.
73. THE ENTIRE ELECTRICAL INSTALLATION SHALL CONFORM TO THE LATEST APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND LOCAL JURISDICTION REQUIREMENTS.
74. ALL ELECTRICAL EQUIPMENT SHALL BEAR THE UNDERWRITER'S LABORATORIES LABEL.
75. ALL ELECTRICAL EQUIPMENT SHALL BE NEW.
76. "PROVIDE" UNDER THIS CONTRACT IS DEFINED AS FURNISH AND INSTALL. "CONCEALED" UNDER THIS CONTRACT IS DEFINED AS HIDDEN BY ARCHITECTURAL WALLS AND CEILINGS. "EXPOSED" UNDER THIS CONTRACT IS DEFINED AS VISIBLE TO VIEW. "INDICATED" UNDER THIS CONTRACT IS DEFINED AS SHOWN IN THE CONTRACT DOCUMENTS.
77. SWITCHES
   A. THE LOCATIONS OF SWITCH OUTLETS SHALL BE VERIFIED BEFORE INSTALLATION BY THE CONTRACTOR WITH THE OWNER.
   B. WHERE TWO OR MORE DEVICES OF THE SAME VOLTAGE ARE SHOWN TOGETHER ON THE PLANS, A GANGED PLATE SHALL BE USED. DEVICES OF DIFFERENT VOLTAGES SHALL BE SEPARATED HORIZONTALLY BY 6" BUT SHALL BE HORIZONTALLY OR VERTICALLY ALIGNED.
   C. ALL SWITCH AND ACCESS CONTROL OUTLETS SHOWN ON A WALL BACK TO BACK SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY.
   D. COORDINATE LIGHT SWITCHES ON DRAWINGS WITH DOOR SWINGS. LOCATE LIGHT SWITCH ON LOCK SIDE OF DOOR.
   E. ALL WIRING DEVICES SHALL BE SPECIFIED GRADE, COLOR TO MATCH EXISTING. MANUFACTURED BY P&S, LEVITON OR HUBBELL. PROVIDE STAINLESS STEEL DEVICE PLATES.
78. LIGHTING FIXTURES
   A. COORDINATE RECESSED LIGHTING FIXTURES WITH SPRINKLERS, MECHANICAL EQUIPMENT AND ARCHITECTURAL CEILING PLAN. GRID LAYOUT ON PLANS IS APPROXIMATE, ADJUST AND COORDINATE LIGHTING FIXTURES IN FIELD.
   B. PROVIDE FINISHED FRAMES FOR ALL RECESSED LIGHTING FIXTURES, TYPE SHALL BE COMPATIBLE WITH CEILING. COORDINATE ALL FIXTURE TYPES WITH CEILING SYSTEM BEFORE ORDERING FIXTURES. PROVIDE ALL MOUNTING ATTACHMENTS FOR A COMPLETE INSTALLATION. LIGHTING FIXTURES SHALL BE SUPPORTED FROM BUILDING STRUCTURE INDEPENDENTLY FROM CEILING SYSTEM. FOR STEM MOUNTED FIXTURE CONTRACTOR SHALL PROVIDE TWO STEMS PER FIXTURE.
   C. ALL LIGHTING FIXTURES SHALL BE INSTALLED COMPLETE WITH LAMPS. SEE PLANS FOR SPECIFIC REQUIREMENTS.
79. BRANCH CIRCUITS & FEEDERS
   A. ALL CONDUCTORS SHALL BE COPPER.
   B. CONDUCTOR INSULATION SHALL BE THWN–2 (90°C). USE XHHW–2 (90°C) TYPE CONDUCTOR FOR UNDERGROUND RUNS. (UON)
   C. ALL CIRCUITRY SHALL BE RUN CONCEALED IN FINISHED AREAS. CIRCUITRY SHALL NOT BE PERMITTED TO BE RUN EXPOSED EXCEPT FOR DIRECT VERTICAL DROPS TO ITS RESPECTIVE SURFACE MOUNTED PANELBOARD.
   D. ALL CIRCUITRY RUNS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL DETERMINE IN FIELD THE MOST SUITABLE ROUTES.
   E. MINIMUM SIZE CONDUIT SHALL BE 3/4"Ø.
   F. ALL WIRING SHALL BE COLOR CODED THROUGHOUT.
   G. FINAL CONNECTIONS TO ALL MOTORS OR VIBRATING EQUIPMENT SHALL BE WITH LFMC CONDUIT.
   H. EXPOSED AND CONCEALED CIRCUITRY SHALL BE RUN TIGHT TO CEILING SLAB IN A NEAT WORKMANLIKE MANNER. ALL RUNS SHALL BE PARALLEL OR PERPENDICULAR TO BUILDING WALLS & SECURED TO BUILDING STRUCTURE AND WALL ONLY.
   I. ALL WIRES AND CABLES SHALL BE #12 AWG, EXCEPT WHEN OTHERWISE INDICATED ON DWG'S OR AS INDICATED BELOW FOR AMPS. CIRCUITS WIRE SIZING. ALL 20 AMPS, 120 VOLTS CIRCUITS RUNS SHALL BE AS FOLLOWS:
      5' TO 50' LENGTH, #12 AWG. 100' TO 150' LENGTH, #8 AWG.
      50' TO 100' LENGTH, #10 AWG. 150' TO 200' LENGTH, #6 AWG.
   J. ALL BRANCH CIRCUITS AND FEEDERS SHALL BE EQUIPPED WITH SEPARATE INSULATED GROUND WIRE PER N.E.C. 250–95.
   K. ALL CIRCUITS SHALL BE TAGGED AND IDENTIFIED IN PANELBOARDS AND PULLBOXES.
   L. CONNECTORS FOR EMT CONDUIT SHALL BE OF THE COMPRESSION TYPE.
80. GROUNDING
   A. ALL RECEPTACLES, LIGHTING FIXTURES, MOTORS, ETC., SHALL BE GROUNDED PER N.E.C. REQUIREMENTS. ALL ALL CIRCUITS SHALL CONTAIN FULL SIZE INSULATED GROUND CONDUCTOR.
   B. ALL SYSTEMS SHALL BE GROUNDED AND BONDED PER N.E.C.
   C. MAXIMUM POINT TO POINT RESISTANCE TO GROUND SHALL NOT EXCEED 0.5 OHMS.
   D. CONNECTION TO STRUCTURAL STEEL SHALL BE DONE USING CADWELD.
81. EXISTING CONDITIONS AND DEMOLITION WORK
   A. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL THE EXISTING CONDITIONS THAT MAY AFFECT HIS WORK.
   B. THE CONTRACTOR SHALL COORDINATE WITH OWNER/ REPRESENTATIVE ALL DEMOLITION WORK. REMOVE, PACKAGE AND STORE ALL EXISTING ELECTRICAL EQUIPMENT NOTED TO BE RE–USED, REFURBISH ALL OF THIS EQUIPMENT PRIOR TO INSTALLATION PER NEW WORK.
   C. THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF ALL EXISTING ELECTRICAL WORK AFFECTED BY THIS CONTRACT. RESTORE CIRCUITS SERVING EXISTING EQUIPMENT TO REMAIN WHICH ARE INTERRUPTED DURING THE COURSE OF THIS WORK. ANY REQUIRED ELECTRICAL OUTAGE SHALL BE AFTER REGULAR HOURS AND REQUESTED IN WRITING FOR APPROVAL BY THE BUILDING OWNER/REPRESENTATIVE.
   D. CONTRACTOR SHALL REFER TO THE CONTRACT DOCUMENTS FOR EXTENT OF DEMOLITION WORK.
   E. OBTAIN ADVANCE APPROVAL FROM BUILDING OWNER/ REPRESENTATIVE BEFORE SLEEVING EXISTING SLABS.

      SHALL PROVIDE FOR AN OPEN TOP DUMPSTER TO BE PLACED ON SITE AT AN APPROVED LOCATION.
   G. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING DEVICES ON A CIRCUIT WHEN THE DRAWINGS CALL FOR REMOVAL AND/ OR DISPOSAL OF A DEVICE ON THAT CIRCUIT.
82. MISCELLANEOUS
   A. ALL EMPTY RACEWAY SHALL CONTAIN A PULL WIRE.
   B. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEBRIS GENERATED BY THIS WORK. CONTRACTOR WORK AREA SHALL BE CLEAN OF DEBRIS AFTER COMPLETION OF WORK.
   C. NO PENETRATIONS INTO ASBESTOS CONTAINING MATERIALS (ACM) SHALL BE PERFORMED BY THE CONTRACTOR. NOTIFY THE OWNER PRIOR TO ANY CUTTING OR DRILLING. THE MAJOR CONTRACTOR WILL BE RESPONSIBLE FOR ABATEMENT OF AREAS REQUIRING CUTTING OR DRILLING IN ACM.
83. TESTING
   A. AT THE TIME OF FINAL INSPECTION AND TEST, ALL CONNECTIONS AT PANELBOARDS, DEVICES AND EQUIPMENT, AND ALL SPLICES MUST BE COMPLETED. EACH CIRCUIT AND ITS RESPECTIVE CONNECTED EQUIPMENT MUST TEST FREE OF SHORT CIRCUITS AND GROUNDS.
   B. PROVIDE TESTING OF ALL ELECTRICAL COMPONENTS PER NETA TEST PROCEDURES.
84. SHOP DRAWINGS
   A. SUBMIT FOUR (4) SETS OF SHOP DRAWINGS OF ELECTRICAL EQUIPMENT TO BUILDING OWNER/ REPRESENTATIVE FOR APPROVAL BEFORE ORDERING.
85. ALL WORKMANSHIP, MATERIALS AND EQUIPMENT SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF AREA BY OWNER.
86. IN CASE OF CONFLICTS BETWEEN DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR SHALL NOT PROCEED WITH THAT PART OF THE WORK UNTIL SUCH DIFFERENCES HAVE BEEN BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION.
87. ALL WIRES AND CABLES SHALL BE #12 AWG, EXCEPT WHEN OTHERWISE INDICATED ON DWG'S OR AS INDICATED BELOW FOR AMPS. CIRCUITS WIRE SIZING. ALL 20 AMPS, 125 VOLTS CIRCUITS RUNS SHALL BE AS FOLLOWS:
   5' TO 50' LENGTH, #12 AWG. 100' TO 150' LENGTH, #8 AWG.
   50' TO 100' LENGTH, #10 AWG. 150' TO 200' LENGTH, #6 AWG.
88. IN CASE THE CONTRACTOR BELIEVES HE HAS DISCOVERED DISCREPANCIES, ERRORS, OMISSIONS, ECT. IN THE DRAWINGS AND/OR SPECIFICATIONS, HE SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. IF THE CONTRACTOR FAILS TO GIVE SUCH NOTICE AND OBTAIN ADEQUATE CLARIFICATION, AND HE WILL BE HELD RESPONSIBLE FOR THE RESULT OF SUCH ERRORS OR OMISSIONS, AND HE WILL BE HELD RESPONSIBLE FOR THE COST OF RECTIFYING SUCH ERRORS.
89. BEFORE COMMENCING WORK, CONTRACTOR SHALL VERIFY MEASUREMENTS AT SITE AND THE EXISTING STRUCTURES (IF ANY). ANY DIFFERENCES BETWEEN ACTUAL MEASUREMENTS AND THOSE SHOWN ON PLANS, SHALL BE SUBMITTED TO THE ENGINEER FOR CONSIDERATIONS AND DECISIONS BEFORE PROCEEDING WITH THE WORK.
90. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE THE CONSTRUCTION BEGINS.
92. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL THE POWER AND CONTROL INTERCONNECTIONS AMOUNG ALL THE DIFFERENT PARTS OF THE OF THE AIR CONDITIONING SYSTEM (FAN COILS/AHU'S, CONDENSING UNITS, THERMOSTATS, ECT.). THE CONTRACTOR SHALL ALSO PROVIDE ALL THE STARTING AND DISCONNECT EQUIPMENT FOR SAID SYSTEMS.
93. IT IS THE INTENT OF THE CONTRACT DRAWINGS TO CALL FOR A COMPLETE, TESTED AND OPERATIONAL ELECTRICAL SYSTEM. ANY MINOR DETAILS NOT SHOWN BUT REQUIRED FOR THE PROPER FUNCTION AND OPERATION OF THE SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR AT NOT ADDITIONAL COST.
94. MAKE ALL PROVISIONS NECESSARY TO PREVENT CORROSION RESULTING FROM CONTACT BETWEEN DISSIMILAR METALS.
95. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME ACQUAINTED WITH THE EXISTING FIELD CONDITIONS. IT SHALL BE THE DIRECT RESPONSIBILITY OF THE CONTRACTOR TO BRING PROMPTLY TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THOSE THAT WERE USED FOR DESIGN PURPOSES. THIS SHALL BE DONE BEFORE THE CONTRACTOR SUBMITS HIS BID, SO THAT THE ENGINEER CAN RENDER A DECISION ON THE MATTER BEFORE THE BIDS ARE RECEIVED. THE SUBMITTAL OF THE BID BY THE CONTRACTOR WILL BE HELD AS PROOF THAT THE CONTRACTOR UNDERSTAND THOROUGHLY AND COMPLETELY THE SCOPE OF THE WORK INVOLVED, HAS FAMILIARIZED HIMSELF WITH THE EXISTING FIELD CONDITIONS, AND HAS INCLUDED IN HIS BID ALL THE ITEMS NECESSARY TO PERFORM THE ELECTRICAL WORK. NO ALLOWANCE WILL BE PERMITTED ON THIS MATTER AFTER THE BIDS ARE RECEIVED.

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PANEL NAME			PANEL LOCATION	PANEL SCHEDULE							CIRCUIT BREAKER REMARKS			
A-LP			ELECTRICAL ROOM	BUS RATING	100 A		VOLTAGES				ARC= ARC FAULT TYPE H = HACR G = GFCI L = C/B LOCK TC = TIME CLK			
FEED	MOUNTING/ NEMA TYPE		MAIN C/B OR MAIN LUG RATING & TYPE	AIC RATING	22,000		L-L	240			NB = NEW CIRCUIT BREAKER Sw = SWITCH CONTROL			
TOP	SURFACE/NEMA 1R STAINLESS STEEL		100A MAIN BREAKER	BUS MATERIAL	COPPER		L-N	120			CX = CONTACTOR CONTROL			
	BREAKER			LOAD		PHASING		LOAD			EX = EXISTING LOAD TO REMAIN NL = NEW LOAD ON EXISTING			
CKT NO.	(REMARKS)		LOAD DESCRIPTION	TYPE	LOAD VA	L1	L2	VA	TYPE	LOAD DESCRIPTION	BREAKER (REMARKS)		CKT NO	
1	20/2	-	KIOS AREA POLES	-	480			468	-	KIOS AREA POLES	20/2	-	2	
3					468			468					4	
5	20/2	-	KIOS AREA BOLLARDS	-	72			72	-	KIOS AREA POLES	20/2	-	6	
7					72			72					8	
9	-	-	SPACE	-	-			180	-	TIMER	20/1	-	10	
11	-	-	SPACE	-	-			-	-	SPACE	-	-	12	
13	-	-	SPACE	-	-			-	-	SPACE	-	-	14	
15	-	-	SPACE	-	-			-	-	SPACE	-	-	16	
17	-	-	SPACE	-	-			-	-	SPACE	-	-	18	
19	-	-	SPACE	-	-			-	-	SPACE	-	-	20	
21	-	-	SPACE	-	-			-	-	SPACE	-	-	22	
23	-	-	SPACE	-	-			-	-	SPACE	-	-	24	
								1,353		TOTAL CONNECTED LOAD IN VA - PHASE A				
								1,072		TOTAL CONNECTED LOAD IN VA - PHASE B				
								2,324		TOTAL CONNECTED LOAD IN KVA - ALL PHASES				
			125% REC DEMAND AMPERES LOAD		12.1			10		TOTAL CONNECTED LOAD IN AMPERES - ALL PHASES				

PANEL NAME			PANEL LOCATION	PANEL SCHEDULE							CIRCUIT BREAKER REMARKS			
RP-1			ELECTRICAL ROOM	BUS RATING	225 A		VOLTAGES				ARC= ARC FAULT TYPE H = HACR G = GFCI L = C/B LOCK TC = TIME CLK			
FEED	MOUNTING/ NEMA TYPE		MAIN C/B OR MAIN LUG RATING & TYPE	AIC RATING	10,000		L-L	208			NB = NEW CIRCUIT BREAKER Sw = SWITCH CONTROL			
TOP	SURFACE/NEMA 3R STAINLESS STEEL		225A MAIN BREAKER	BUS MATERIAL	COPPER		L-N	120			CX = CONTACTOR CONTROL			
	BREAKER			LOAD		PHASING		LOAD			EX = EXISTING LOAD TO REMAIN NL = NEW LOAD ON EXISTING			
CKT NO.	(REMARKS)		LOAD DESCRIPTION	TYPE	LOAD VA	L1	L2	L3	VA	TYPE	LOAD DESCRIPTION	BREAKER (REMARKS)		CKT NO
1	50/2	-	POLES P2/P6/P5	-	3,600				2,039	-	POLES P5/P6	80/2	-	2
3					3,600				2,039					4
5	40/2	-	POLES P1/P7/P8	-	3,050				580	-	RECEPTACLES	20/1	-	6
7					3,050				580		RECEPTACLES	20/1	-	8
9	20/2	-	LIGHTING	-	335				288	-	WALKWAYS LIGHTING POLES	20/2	-	10
11	20/1	-	LIGHTING	-	178				288					12
13	20/2	-	WALKWAYS LIGHTING POLES	-	507				429	-	WALKWAYS LIGHTING POLES	20/2	-	14
15					507				429					16
17	20/2	-	WALKWAYS LIGHTING POLES	-	626				180	-	MUSCO CONTROL PANEL	20/1	-	18
19					629				180		TIMER	20/1	-	20
21	20/1	-	CANOPY LIGHTING	-	112				80	-	EMERGENCY LIGHTS	20/1	-	22
23	-	-	SPACE	-	-				-	-	SPACE	-	-	24
25	-	-	SPACE	-	-				-	-	SPACE	-	-	26
27	-	-	SPACE	-	-				-	-	SPACE	-	-	28
29	-	-	SPACE	-	-				-	-	SPACE	-	-	30
31	-	-	SPACE	-	-				-	-	SPACE	-	-	32
33	-	-	SPACE	-	-				-	-	SPACE	-	-	34
35	-	-	SPACE	-	-				-	-	SPACE	-	-	36
37	-	-	SPACE	-	-				-	-	SPACE	-	-	38
39	-	-	SPACE	-	-				-	-	SPACE	-	-	40
41	-	-	SPACE	-	-				-	-	SPACE	-	-	42
									10,574		TOTAL CONNECTED LOAD IN VA - PHASE A			
									7,198		TOTAL CONNECTED LOAD IN VA - PHASE B			
									4,845		TOTAL CONNECTED LOAD IN VA - PHASE C			
									22,619		TOTAL CONNECTED LOAD IN KVA - ALL PHASES			
			125% REC DEMAND AMPERES LOAD		77.8				62		TOTAL CONNECTED LOAD IN AMPERES - ALL PHASES			

ELECTRICAL LEGEND:

PP — POWER DISTRIBUTION PANEL "PP". SEE PANEL SCHEDULE FOR DETAILS.

DUPLEX WALL RECEPTACLE, 20A, 125V, 1P, TAMPER RESISTANT 5-20R GROUNDING TYPE. SPECIFICATION COMMERCIAL GRADE, FLUSH MOUNTED, 18" AFF., 24" AFF. IN KITCHEN AREAS. REFER TO KITCHEN EQUIPMENT SCHEDULE FOR HEIGHTS OF RECEPTACLES SERVING THE KITCHEN EQUIPMENT. (UON)
WP= WEATHER PROOF.
G= GROUND FAULT TYPE.

LOP — LIGHTING CONTROL PANEL, 5'-0" AFF. SEE ELECTRICAL DIAGRAM FOR DETAILS.

TM — DIGITAL TIMER. SEE ELECTRICAL DIAGRAM FOR DETAILS.

(12) — CONDUIT RUN ABOVE REFLECTED CEILING OR EMBEDDED IN WALL. DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHORT LINE BEING THE LIVE CONDUCTORS AND / = GROUND CONDUCTOR. NUMBER INDICATES CIRCUIT DESIGNATION. CONDUCTOR AND CONDUIT SIZE SHALL BE AS INDICATED ON THE HOME RUN OF THE CIRCUIT. IF NO DASHES ARE NOT SHOWN USE 2#12 CONDUCTOR AND 1#12 GROUND IN A 3/4" CONDUIT. (UON)

(12) — SAME AS ABOVE BUT EMBEDDED IN FLOOR OR WALL (UON)

PP (1,2) — HOME RUN TO PANEL. "PP" INDICATES DESTINATION PANEL AND THE NUMBERS INDICATES CIRCUIT NUMBERS (IF NUMBERS ARE SEPARATED BY "/ " THIS MEANS THAT IS A MULTIPOLE CIRCUIT). DASHES INDICATES AMOUNT OF LIVE CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHORT LINE BEING THE LIVE CONDUCTOR AND "/ " = GROUND CONDUCTOR. IF NO DASHES ARE SHOWN USE 2#12 CONDUCTORS AND 1#12 GROUND IN A 3/4" CONDUIT.

J — WALL MOUNTED 4 11/16" x 2 1/8" JUNCTION BOX, 18" AFF. (UON)

J — FLOOR MOUNTED 4 11/16" x 2 1/8" JUNCTION BOX, FLUSH MOUNTED. ADA COMPLAINT WITH RECESED COVER PLATE.

Sa — GENERAL PURPOSE LIGHTING SWITCH, 20A, 1P, 125V/277V, 48" AFF. SMALL LETTER INDICATES FIXTURE THAT IS BEING CONTROLLED. (UON)
3w = THREE WAY LIGHTING SWITCH.

Sa Sb — SAME AS ABOVE BUT GANG TOGETHER

A a — SURFACE OR RECESSED CEILING MOUNTED LIGHTING FIXTURE, (CAPITAL LETTER INDICATES FIXTURE TYPE, SMALL LETTER INDICATES SWITCH THAT CONTROLS THE FIXTURE) SEE LIGHTING SCHEDULE.

A a — SAME AS ABOVE BUT WALL MOUNTED, 8'-0" AFF. (UON)

a — LIGHTING FIXTURE, CEILING MOUNTED (CAPITAL LETTER INDICATES FIXTURE TYPE, NUMBER INDICATES CIRCUIT NUMBER, SMALL LETTER INDICATES SWITCH THAT CONTROLS THE FIXTURE) IF NO SMALL LETTER IS SHOWN, CONNECT THE LIGHTING FIXTURE TO THE LIGHTING SWITCH SHOWN ON DWG'S. SEE LIGHTING SCHEDULE FOR DETAILS.

EMERGENCY LED EXIT LIGHT 7W, 120V/277V WITH 90 MINUTES BATTERY BACK-UP, WALL MOUNTED, 7'-6" AFF. EQUAL TO MODEL SEL-50 AS MANUFACTURED BY COOPER.

ABBREVIATIONS:

A	AMPERES
ACT	ABOVE COUNTER TOP
AFF	ABOVE FINISHED FLOOR
AIC/KAIC	AMPERES INTERRUPTING CAPACITY
C	CONDUIT
CKT	CIRCUIT
DWG	DRAWING
EMT	ELECTRICAL METALLIC TUBING
E	EXISTING
F	FUSIBLE
G	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
FMC	FLEXIBLE METALLIC CONDUIT
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
MNF	MANUFACTURED
N/A	NOT APPLY OR NOT AVAILABLE
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
N.E.C.	NATIONAL ELECTRIC CODE
NF	NON-FUSIBLE
P	POLES
P.R.E.P.A.	PUERTO RICO ELECTRIC AND POWER AUTHORITY
RL	RELOCATED
RGS	RIGID GALVANIZED STEEL
SS	STAINLESS STEEL
TV	TELEVISION
TYP.	TYPICAL
UON	UNLESS OTHERWISE NOTED
U	CONNECTED TO PANEL FEED FROM UPS, ORANGE COLOR DEVICE AND COVER PLATE.
WP	WATERPROOF
W	WIRES
V	VOLTAGE
ϕ	PHASE

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ELETRICAL LEGEND AND NOTES

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CONNECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY EXISTING PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	90% DELIVERY	JST	JST

PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER 80 | TOTAL 83

DRAWING NUMBER
E-002

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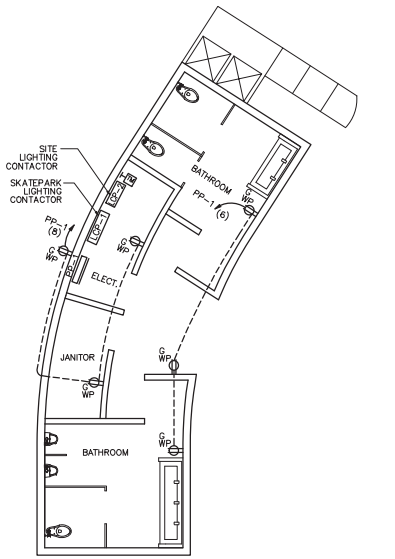
LIGHTING FIXTURE SCHEDULE

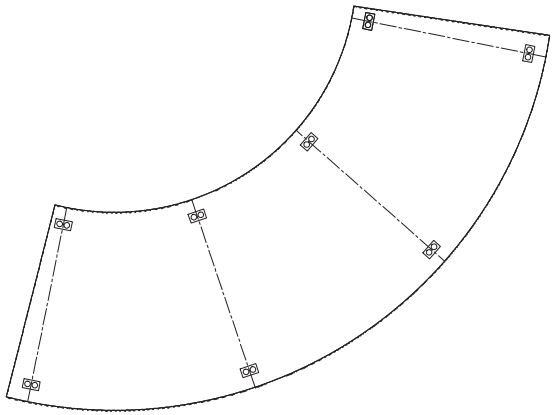
ITEM #	EQUIPMENT DESCRIPTION	LAMPS NO. AND TYPE	DRIVER	VOLTAGE	MANUFACTURER MODEL NUMBER	REMARKS
L1	LED ROUND SURFACE MOUNTED	LED/2619 LUMENS/32W/3000K	LED DIM TO 1% (0-10V)	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL FCW3800-UNV-3K-CRI85-26L-WHE AS MANUFACTURED FC LIGHTING	(1)
L2	7"X48" SURFACE MOUNTED	LED/6944 LUMENS/50W/3000K	LED DRIVER	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL BS100LED-4-HT-MO-WT30-120-277V-SS AS MANUFACTURED BY BEGHELLI	(1)
L3	EXTERIOR SQUARE WALL MOUNTED	LED/2000 LUMENS/25W3000K/TYPE III	LED DIM TO 1% (0-10V)	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL BLDN-WM-VOLT-CSL-XS20-30K-CRI80-3-FINISH-DIM-CRC MANUFACTURED BY LUMENPULSE	(1)
L4	CEILING MOUNTED LED FIXTURE	LED/782LUMENS/16W/3000K	LED DIM TO 1% (0-10V)	120V	EQUAL OR APPROVED EQUAL TO MODEL BLRD5-16C3-30KS-25-S-WH-120V-D19 AS MANUFACTURED BY USAI	(1)

(1) COORDINATE LUMINARIES MODEL WITH THE MODELS SPECIFIED IN THE ARCHITECTURAL DRAWINGS. OBTAIN APPROVAL FROM THE ARCHITECT.

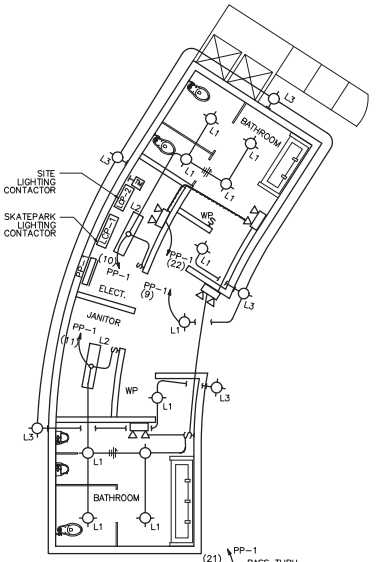
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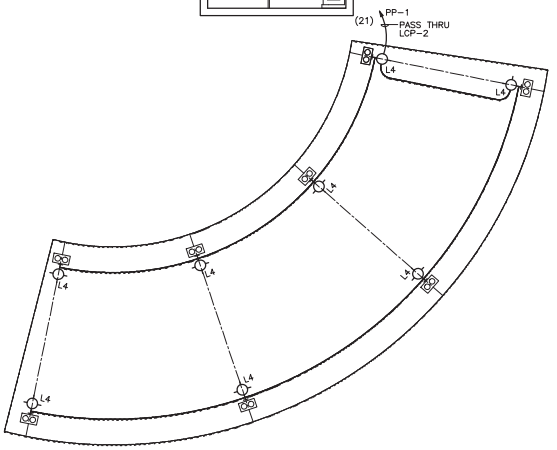
1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001.
2. FOR ELECTRICAL LEGEND SEE DWG. E.002.





ENTRANCE CANOPY AND PUBLIC BATHROOM PROPOSED ELECTRICAL PLAN
SCALE: 3/16"=1'-0"





ENTRANCE CANOPY AND PUBLIC BATHROOM PROPOSED LIGHTING PLAN
SCALE: 3/16"=1'-0"

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DRAWING NAME
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PROPOSED LIGHTING PLAN

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOK DELIVERY	JST	JST

PROJECT
--

DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
81	83

DRAWING NUMBER
E-101

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ARCHITECT'S SEAL

ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO.7309

CONSULTANT'S SEAL

YO, ISTRA HERNANDEZ, ARQUITECTO LICENCIADO #7309, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ O ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGOS DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO DEBIDAMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA PROTECCIÓN DE LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1998, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HANA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA QUE...

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
RENDERS

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
82	83

DRAWING NUMBER
RE-1









HERNANDEZ-BAUZA PSC, ARCHITECTS
843 ESTEBAN GONZALEZ STREET
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RIO PIEDRAS, PUERTO RICO 00925

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
RENDERS

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
83	83

DRAWING NUMBER
RE-2

Attachment XII: Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B

Noise (EA Level Reviews)

General requirements	Legislation	Regulation
HUD's noise regulations protect residential properties from excessive noise exposure. HUD encourages mitigation as appropriate.	Noise Control Act of 1972 General Services Administration Federal Management Circular 75-2: "Compatible Land Uses at Federal Airfields"	Title 24 CFR 51 Subpart B
References		
https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control		

1. **What activities does your project involve? Check all that apply:**

☐ New construction for residential use
NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.
→ *Continue to Question 2.*

☐ Rehabilitation of an existing residential property
NOTE: For major or substantial rehabilitation in Normally Unacceptable zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. For major rehabilitation in Unacceptable zones, HUD strongly encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.
→ *Continue to Question 2.*

☐ A research demonstration project which does not result in new construction or reconstruction, interstate, land sales registration, or any timely emergency assistance under disaster assistance provisions or appropriations which are provided to save lives, protect property, protect public health and safety, remove debris and wreckage, or assistance that has the effect of restoring facilities substantially as they existed prior to the disaster
→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

☒ None of the above
→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

2. **Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport). Indicate the findings of the Preliminary Screening below:**

   ☐ There are no noise generators found within the threshold distances above.

   → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing the location of the project relative to any noise generators.*

   ☐ Noise generators were found within the threshold distances.

   → *Continue to Question 3.*

3. **Complete the Noise Assessment Guidelines to quantify the noise exposure. Indicate the findings of the Noise Assessment below:**

   ☐ Acceptable: (65 decibels or less; the ceiling may be shifted to 70 decibels in circumstances described in §24 CFR 51.105(a))

   Indicate noise level here: ☐

   → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide noise analysis, including noise level and data used to complete the analysis.*

   ☐ Normally Unacceptable: (Above 65 decibels but not exceeding 75 decibels; the floor may be shifted to 70 decibels in circumstances described in 24 CFR 51.105(a))

   Indicate noise level here: ☐

   <u>If project is rehabilitation:</u>

   → *Continue to Question 4. Provide noise analysis, including noise level and data used to complete the analysis.*

   <u>If project is new construction:</u>

   Is the project in a largely undeveloped area[1]?

   ☐ No

   → *Continue to Question 4. Provide noise analysis, including noise level and data used to complete the analysis, and any other relevant information.*

[1] A largely undeveloped area means the area within 2 miles of the project site is less than 50 percent developed with urban uses or does not have water and sewer capacity to serve the project.

☐ Yes

→Your project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). Elevate this review to an EIS-level review.

☐ Unacceptable: (Above 75 decibels)

Indicate noise level here: [ ]

If project is rehabilitation:

HUD strongly encourages conversion of noise-exposed sites to land uses compatible with high noise levels. Consider converting this property to a non-residential use compatible with high noise levels.

→ Continue to Question 4. Provide noise analysis, including noise level and data used to complete the analysis, and any other relevant information.

If project is new construction:

Your project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). You may either complete an EIS or provide a waiver signed by the appropriate authority. Indicate your choice:

☐ Convert to an EIS

→ Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 4.

☐ Provide waiver

→ Provide an Environmental Impact Statement waiver from the Certifying Officer or the Assistant Secretary for Community Planning and Development per 24 CFR 51.104(b)(2) and noise analysis, including noise level and data used to complete the analysis.

Continue to Question 4.

4. **HUD strongly encourages mitigation be used to eliminate adverse noise impacts. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation. This information will be automatically included in the Mitigation summary for the environmental review.**

☐ Mitigation as follows will be implemented:

→ *Provide drawings, specifications, and other materials as needed to describe the project's noise mitigation measures. Continue to the Worksheet Summary.*

☐ No mitigation is necessary.

Explain why mitigation will not be made here:

→ *Continue to the Worksheet Summary.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The proposed project does not include New Construction for Residential Use nor the Rehabilitation of an existing residential property. Noise may be generated by construction activities, but it is not anticipated it will adversely impact the surrounding neighborhood. No increase of the existing noise levels is expected during operation. The applicant will implement the regulations at the "Reglamento para el Control de la Contaminación por Ruidos (Reglamento 8019 del 9 de mayo del 2011)" Therefore, this topic is in compliance with Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B.

Are formal compliance steps or mitigation required?

☐ Yes

☒ No

Attachment XIII: Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149

NEAREST SOLE SOURCE AQUIFERS TO PUERTO RICO



4/26/2024, 2:01:36 PM

Sole_Source_Aquifers

1:9,244,649

0 100 200 400 mi

0 155 310 620 km

Esri, HERE, Garmin, NGA, USGS

N

W E

S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

This figure was generated by a WEB Tool, the information depicted in the figure was produced and represented by the web tool engine and it is shown as it was generated by the tool. We added additional information regarding the project as requested by PRDOH Map Requirements. The geographic coordinates and/or the project limits, if shown in the figure, may not be accurately represented.

U.S. Environmental Protection Agency

SOLE_SOURCE_AQUIFERS PR



7/19/2023, 3:27:35 PM

EPA Regions

1:1,155,581

0 12.5 25 50 mi

0 20 40 80 km

Esri, HERE, Garmin, NGA, USGS

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio

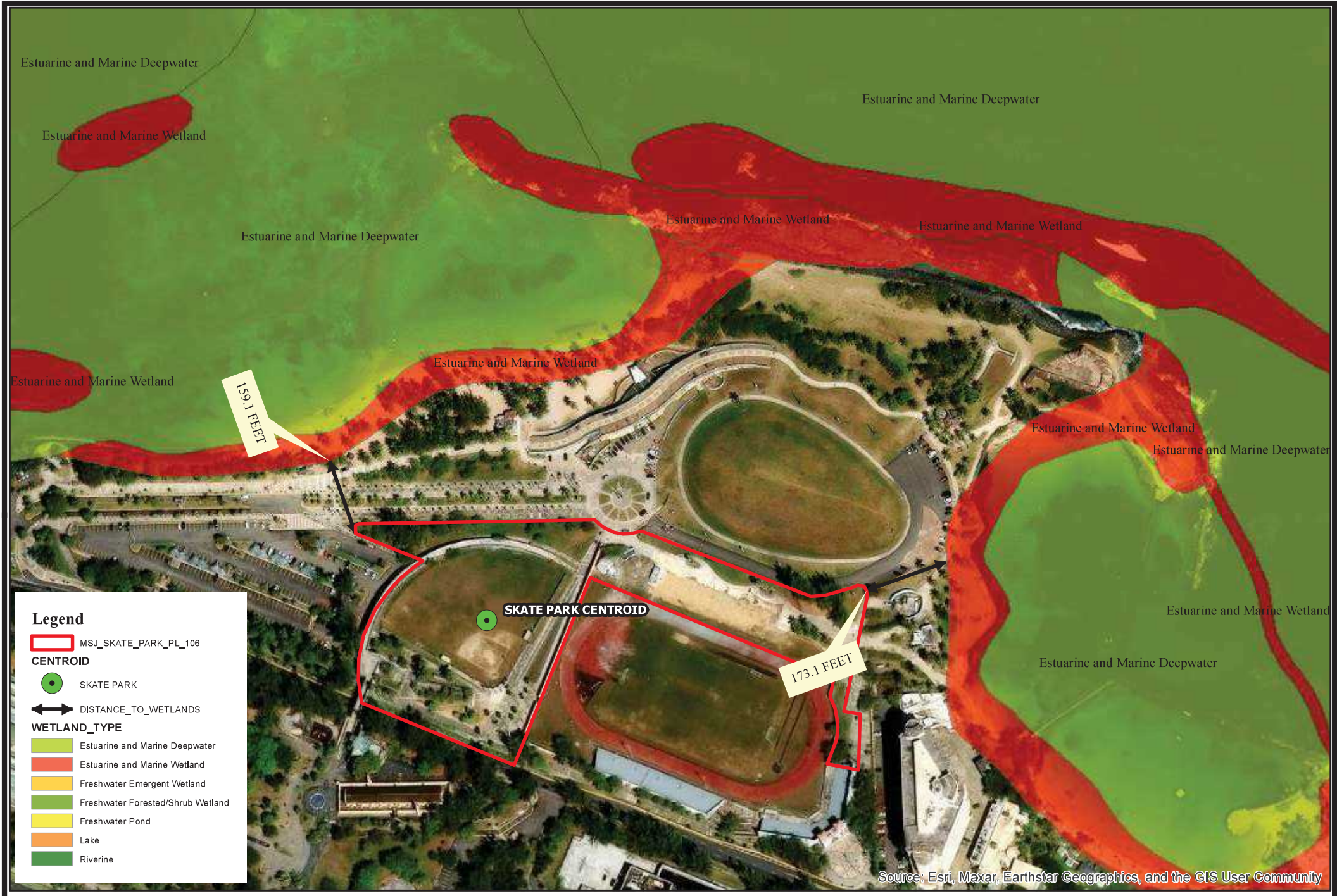
PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01,
040-006-135-01

Coordinates:
18.465682°, -66.090019°

This figure was generated by a WEB Tool, the information depicted in the figure was produced and represented by the web tool engine and it is shown as it was generated by the tool. We added additional information regarding the project as requested by PRDOH Map Requirements. The geographic coordinates and/or the project limits, if shown in the figure, may not be accurately represented.

U.S. Environmental Protection Agency

Attachment XIV: Wetlands Protection Executive Order 11990, particularly sections 2 and 5



N
W E
S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
USFWS NWIM
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 15 30 60 90 120
Meters

1:3,000

GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200

Attachment XV: Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)



N
W E
S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
NATIONAL WILD & SCENIC RIVERS
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 1,375 2,750 5,500 8,250 11,000
Meters

1:250,000

GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200

Attachment XVI: Environmental Justice Executive Order 12898

On January 21, 2025, President Donald Trump issued the Executive Order 14173 titled "Ending Illegal Discrimination and Restoring Merit-Based Opportunity", which revoked Executive Order 12898 and eliminated federal mandates requiring agencies to assess environmental justice impacts. Consequently, there is no longer a federal requirement to address environmental justice concerns in the environmental compliance review process.

Attachment XVII: ADDITIONAL STUDIES, LOCAL PERMITS, RECOMMENDATIONS AND ENDORSEMENTS

A- Special Karst Planning Area Map



N
W E
S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio
RELATION TO THE KARST AREAS
Sources: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 15 30 60 90 120
Meters

1:3,000

GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO,
LUIS MUÑON MARÍN AVENUE,
SAN JUAN ANTIGUO WARD,
SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates:
18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200

B-PREPA-LUMA (2022-463298-SRI-076557)

miércoles, 15 de noviembre de 2023

Sr. Pedro Ramos Vélez
Gerente División Infraestructura
PO Box 41118
Santurce, PR 00940

Estimado señor Ramos:

OGPe :	2022-463298-SRI-076557
LUMA:	23-1-0848
Carga :	150 KVA
Proyecto :	Escambron Skatepark PR-CRP-000935
Dirección:	Parque del Tercer Milenio
Municipio:	San Juan, P.R.

LUMA cómo agente operador del Sistema de Transmisión y Distribución eléctrica de la Autoridad de Energía Eléctrica (AEE) le presenta sus comentarios con relación al proyecto de referencia para Consulta de Facilidades.

El diseñador deberá leer y entender este informe; de haber dudas relacionadas al mismo, debe aclararlas con el Ingeniero Supervisor de la Región de San Juan antes de radicar el plano para endoso. En adición, debe analizar y estudiar este informe e incluir y conformar parte del plano las notas pertinentes que se especifican como “Incluir nota al efecto en los planos de diseño”.

Incluimos nuestra evaluación del Proyecto y representación gráfica con información sobre facilidades eléctricas relacionadas al mismo:

1. El Proyecto está localizado en:
   Número de Catastro: 040-006-125-01
   Centroide del proyecto:
   Coordenadas proyección en metros +Este +Norte (236256.40, 270029.82).
   Coordenadas Geográficas Latitud y Longitud (18.4656941, -66.0900782)
2. El Punto de Conexión está localizado en:
   Coordenadas proyección en metros +Este +Norte (236192.22, 269975.36).
   Coordenadas Geográficas Latitud y Longitud (18.4652471, -66.0906811)
   LUMA/PREPA FID 30177661.
3. El Proyecto se conectará al Punto de Conexión #10 indicado en el plano que se incluye.
4. El Punto de Conexión #10 indicado en el croquis se denomina como “Punto de Entrega”. No se transferirá a LUMA la infraestructura eléctrica desde ese punto. El servicio que se deriva del mismo es considerado como exclusivo y privado, por lo que el mantenimiento, reparación y reemplazo del sistema es responsabilidad del Dueño.
5. Deberá presentar plano de diseño para endoso y la Certificación de Planos de Construcción Eléctrica para la distribución eléctrica correspondiente, acompañados por la Estampilla Digital Especial, y firmados digitalmente. Estos deberán ser radicados mediante el Portal Único de Negocios (SBP por sus siglas en inglés) de la Oficina de Gerencia de Permisos (OGPe). (Ver Comunicado Técnico 18-01 y 17-01); y deberán cumplir con los siguientes reglamentos, directrices, comunicados e información técnica específica que se presenta a continuación:
   a. Asegurarse que el diseño propuesto cumpla con el “Reglamento conjunto para la evaluación y expedición de permisos relacionados al desarrollo, uso de terrenos y operación de negocios” del 7 de junio de 2019, los NUEVOS patrones de Construcción de LUMA y los siguientes Comunicados Técnicos AEE:

i. 07-02 “Pruebas a cables soterrados nuevos y sus accesorios en proyectos privados” del 29 de junio de 2007.
ii. 12-01: Política Pública para la Construcción de Sistemas Eléctricos.
iii. Los Criterios de Diseño para Sistemas Eléctricos Aéreos de Transmisión y Distribución deben ser tomando en consideración una velocidad probable de viento de 160 mph.
iv. 13-03: Bases de Hormigón para Postes de Líneas Eléctricas.
v. 14-03: Equipos con Aislación en Goma de Silicón.
vi. 15-02: Postes para Sistemas de Distribución Eléctrica Primaria.
vii. 15-03: Revisión de Parámetros para Transformadores según Reglamentación del Departamento de Energía Federal (DOE).

b. Los sistemas de alumbrado a construirse deberán cumplir con los siguientes Comunicados de la AEE:
   i. 07-01: Sistemas de Alumbrado.
   ii. 16-03: Proyectos de Construcción con Sistemas de Alumbrado Público; esta consulta la podrá realizar a través del correo electrónico: energia@ddec.pr.gov
   iii. 16-04: Instalación de Luminarias Tipo Diodo Emisor de Luz (LED).

c. En el sector existen líneas eléctricas soterradas, trifásica con 3 conductores calibre número 750 CU XLP 15KV a un voltaje de 13.2 kV. También existen líneas eléctricas soterradas, trifásica con 3 conductores calibre número 4/0 CU XLP 15 KV a un voltaje de 4.16 kV.

d. El voltaje de alimentación para el Proyecto será de 13.2 kV. Se servirá del alimentador 1014-18.

e. El diseño deberá ser un sistema soterrado.

f. Será responsabilidad del diseñador del Proyecto indicar la localización exacta de este, ilustrar las líneas eléctricas existentes y de ser necesario, coordinar la reubicación de líneas eléctricas.

g. Deberá incluir en los planos de diseño las coordenadas Lambert correspondientes a la ubicación del Proyecto, en versión del North American Datum (NAD 83) y la unidad de medidas en metros [Refiérase al inciso 1 de este informe]; estas coordenadas deberán aparecer impresas en el plano de localización a ser radicado para revisión y eventual endoso, en una escala de 1:10,000 o 1:20,000. Incluir planos en formato .DWG o .DXF, **el mismo deberá estar georeferenciado**.

h. Serán requisitos en conjunto con la radicación de los planos la carta explicativa del Proyecto, cómputos de carga, tensión y flecha para los sistemas aéreos, y cómputos de caída de voltaje para diseños de sistema soterrados.

i. Se requiere incluir como parte del diseño la instalación de disyuntores con protección de fusibles a la entrada del proyecto en el Punto de Conexión. Incluir el detalle y nota al efecto en los planos de diseño.

j. Si este Proyecto contempla instalar una subestación en la azotea del edificio u otro nivel sobre alguna estructura distinta al suelo, deberá someter una certificación estructural del edificio o estructura donde indique que éste puede sostener dicha subestación. Para más detalles refiérase al Reglamento Complementario al Código Eléctrico Nacional en su Sección IX, Artículo B, inciso 1-t.

k. Para todo servicio de uso exclusivo o lotificaciones, el dueño del proyecto proveerá todos los materiales necesarios, incluyendo el transformador. Incluir nota al efecto en los planos de diseño.

l. A menos de una milla de distancia de la costa tanto los equipos como los materiales deberán ser en acero inoxidable, y el conductor a utilizar será ACAR (Aluminum Conductor Alloy Reinforced), AAAC (All Aluminum Alloy Conductor) o su equivalente en cobre. Incluir nota al efecto en los planos de diseño.

m. Esta evaluación del Punto de Conexión no constituye una revisión del plano de diseño. El diseñador es responsable de cumplir con los códigos, reglamentos, manuales, estándares y normas aplicables vigentes para

los sistemas eléctricos en Puerto Rico. Además, deberá cumplir con los reglamentos de ordenación de la infraestructura en el espacio público (Reglamento de Planificación Número 22), según exige la Oficina de Gerencia de Permisos (OGPe). Los sistemas de distribución y transmisión a desarrollarse en estas zonas deberán seguir las guías establecidas por este reglamento. Incluir nota al efecto en los planos de diseño.

n. El dueño del proyecto o su representante deberá notificarle a la Oficina de Ingeniería de Distribución de la Región San Juan, InspeccionesSanJuan@lumapr.com, el comienzo de la obra posterior al endoso de los planos y previo al inicio de los trabajos eléctricos del proyecto para la requerida inspección, aprobación y coordinación necesaria. Incluir nota al efecto en los planos de diseño.

6. En todo proyecto que requiera la instalación de medición secundaria o primaria para uno o más servicios con tarifa al por mayor, el diseñador del sistema eléctrico deberá coordinar con el Director de Mediciones por medio del correo electrónico consulta.medicion@Lumapr.com , los equipos que utilizará y la ubicación de este. LUMA seleccionará el tipo de metro contador a ser instalado en este proyecto de acuerdo con el servicio solicitado y a su disponibilidad en los almacenes. Incluir nota al efecto en los planos de diseño.

   Además, deberá incluir una nota en los planos de diseño que indique lo siguiente: "**Este proyecto requiere contrato de cuentas al por mayor, el cual es requisito que se firme previo a la energización del proyecto. El tipo de medición, los equipos a utilizarse y la ubicación del equipo de medición fue coordinada con Director de Mediciones."**

7. Para servir el Proyecto, el proponente será responsable de lo siguiente. Incluir notas al efecto en los planos de diseño:
   a. Aportará la cantidad de **$ 1,650.00** para realizar mejoras al sistema eléctrico. Dicha Aportación está basada en los **150 kVA** de transformación que serán añadidos al sistema. **El pago será mediante efectivo, tarjeta de crédito, cheque certificado o giro en cualquier Oficina de Experiencia al Cliente de LUMA. La Oficina de Experiencia al Cliente acreditará el pago a la cuenta de Ayuda a la Construcción CIG – 419.06. Deberá enviar a la Oficina de Ingeniería de Distribución correspondiente, al correo electrónico ingenieria.distribucionSanJuan@lumapr.com la evidencia de pago.**

   b. Extender el alimentador primario, soterrado con aislamiento 15 kV, requerido desde el Punto de Conexión hasta el proyecto. Deberá identificar el "Punto de Entrega" en los planos de diseño, según el Reglamento Complementario al Código Eléctrico Nacional y el Reglamento de Términos y Condiciones Generales para el Suministro de Energía Eléctrica.

   c. El Dueño del Proyecto deberá confirmar con el Gerente de Distrito Técnico correspondiente el voltaje primario a ser utilizado, previo a la compra de los transformadores.

   d. Construir las facilidades eléctricas entiéndase base de contador y otros. Debe cumplir con el Reglamento Complementario al Código Eléctrico nacional, Sección IV. Articulo B, C y D en su totalidad, "toma de Servicio Aérea" y Toma de Servicio Soterrada"

   e. Obtener y gestionar todos los endosos de las agencias reguladoras pertinentes tales como:
      i. Departamento de Recursos Naturales y Ambientales (DRNA) - Declaración de Impacto Ambiental (DIA),
      ii. Instituto de Cultura Puertorriqueña - División de Permisos Arqueológicos,
      iii. Cuerpo de Ingenieros de Estados Unidos,
      iv. Departamento de Transportación y Obras Públicas Estatal o Municipal,
      v. Junta de Planificación,
      vi. Oficina de Gerencia y Permisos (OGPe),
      vii. Otras agencias gubernamentales, federales y privadas requeridos para el desarrollo del proyecto.

8. Para servir el Proyecto, LUMA realizará los siguientes trabajos con cargos al dueño. Incluir notas al efecto en los planos de diseño:
    a. Realizará todos los trabajos en el punto de conexión y donde estén las líneas energizadas. Materiales que se requieran en el punto de conexión, serán provistos por el dueño del proyecto.
    b. Una vez endosado el plano de diseño, para conocer el costo por concepto de los trabajos a ser realizados por LUMA especificados en este informe, LUMA (Departamento de Ingeniería de Distribución) le estará emitiendo al proponente un estimado preliminar para propósito informativo; **este no será para propósito de pago**. En su momento, en la reunión de pre-construcción deberá formalizar la solicitud del estimado oficial. Una vez recibido el estimado oficial podrá realizar el pago de la cotización y notificar a este Departamento de Ingeniería de Distribución con tres meses de anticipación de los trabajos estimados para el proyecto y dentro de la vigencia de la cotización (90 días).
9. Este Proyecto está afectado por líneas eléctricas, por tanto:
    a. El dueño del proyecto es responsable de cumplir con los requisitos establecidos en el Reglamento de Servidumbres para la Autoridad de Energía Eléctrica.
    b. El proyecto está afectado por líneas de distribución primarias. Estas ocupan una franja de servidumbre de 10 pies de ancho a lo largo de las líneas en el caso de líneas aéreas y 5 pies de ancho en caso de líneas soterradas.
    c. Cualquier trabajo necesario de reubicación de líneas eléctricas energizadas, será realizado por LUMA con cargos al Dueño y deberá coordinarse con el Gerente de Distrito correspondiente. Además, se prohíbe la realización de cualquier tipo de trabajo en las franjas de servidumbre de paso eléctricas sin la autorización escrita de LUMA. LUMA no aprobará la conexión de Proyectos con condiciones de invasión de servidumbres o que no cumplan con los despejos de seguridad requeridos.
10. Incluimos como parte de esta evaluación, un croquis con información gráfica sobre facilidades eléctricas.
11. Cualquier duda sobre esta evaluación y su contenido, puede comunicarse a nuestra oficina al correo electrónico ingenieria.distribucionSanJuan@lumapr.com y al número telefónico (787) 521-6443.
12. Esta evaluación caduca al año (1 año) de la fecha de emisión, y cancela y sustituye cualquier otra realizada previamente.

Cordialmente,

_____

Ing. Vanessa Rivera Guilloty
Ingeniera II
Ingeniería de Distribución Región San Juan



COPIA CLIENTE

Escambron Skatepark PR-CRP-000935

Parque del Tercer Milenio San Juan, P.R.

LUMA #: 23-1-0848

Carga : 150 KVA

Región San Juan
Ingeniería de Distribución
Por: Abiam A. Rivera Clemente

C-PRASA (2022-463298-SRI-300160)

GOBIERNO DE PUERTO RICO
AUTORIDAD DE ACUEDUCTOS Y ALCANTARILLADOS I INFRAESTRUCTURA I PROYECTOS PÚBLICOS Y PRIVADOS METRO

06 de febrero de 2024

Lcdo. Felix Rivera Torres
Secretario Auxiliar
Oficina de Gerencia de Permisos (OGPe)
PO Box 41179
San Juan, Puerto Rico 00940-1179

Lcdo. Rivera Torres:

AAA-RM-23-65-0119 SAN JUAN; ESCAMBRÓN SKATEPARK
PROPIEDAD DE MUNICIPIO DE SAN JUAN
BO. PUERTA DE TIERRA, AVE. MUÑOZ RIVERA, PARQUE SIXTO ESCOBAR
(32 UNIDADES EQUIVALENTES)
OGPE: 2022-463298-SRI-300160
(RECOMENDACIONES)

Nos referimos al proyecto de epígrafe, sometido ante la consideración de la Autoridad de Acueductos y Alcantarillados (AAA) para que se informe en cuanto a las facilidades de agua y alcantarillado sanitario existentes, que puedan servir al mismo. De acuerdo con el memorial explicativo el proyecto propuesto consiste en construcción de un parque que consiste en 30000 ft2 de pavimentos y obstáculos para practicar el deporte de las patinetas a un nivel internacional. El Proyecto tendrá un área de baños y duchas en el área según se muestra en el plano sometido.

El cómputo final de las unidades equivalentes estará basado en lo que, al presentar los planos hidráulicos, resulte ser la demanda requerida para el proyecto propuesto. Si las unidades equivalentes, resultan ser diferente a lo contemplado para fines de esta evaluación, esta Autoridad se reserva el derecho de modificar los términos de esta recomendación.

El servicio de agua podrá ser prestado mediante conexión a la línea de agua de 2" de diámetro existente en los predios del parque Tercer Milenio donde radica el proyecto. El dueño deberá hacer conexión a facilidad existente de 2 pulgadas localizado en el área donde se propone construir el "kids park".

Será necesario que el desarrollador del proyecto pague a esta Autoridad, la cantidad de dos mil novecientos treinta dólares con setenta centavos ($ 2,930.70), o su equivalente al conectarse, por el derecho a hacer uso del sistema de distribución de agua existente.

El servicio de alcantarillado sanitario para este proyecto podrá ser prestado mediante conexión a la tubería sanitaria de 8" de diámetro existente en los predios del parque Tercer Milenio.

Será necesario que el desarrollador del proyecto pague a esta Autoridad, la cantidad de cinco mil novecientos catorce dólares con veinte centavos ($ 5,914.20), o su equivalente al conectarse, por el derecho a hacer uso del sistema de alcantarillado sanitario existente.

Antes de iniciar el proceso de construcción, deberán someter para aprobación de esta Autoridad, los planos de las obras de acueducto y/o alcantarillado para los que se solicita permiso, los cuales deberán estar sellados y firmados por el profesional responsable de los mismos. Estos incluyen, según aplique al caso, planos que contemplen:

- Sistemas de distribución de agua y de alcantarillado sanitario y su conexión a los sistemas de la AAA
- Relocalización o extensión de obras de acueducto y/o alcantarillado
- Obras Extramuros e Instalaciones para ser transferidas a la AAA para su operación

Deberá cumplirse con los requisitos establecidos en el *Reglamento Conjunto de Permisos para Obras de Construcción y Usos de Terrenos.*

Los planos deberán ser sometidos y aprobados por esta Autoridad, de acuerdo con el Reglamento para la Certificación de Planos de Construcción, antes de proceder con la construcción de las obras.

El desarrollador someterá los planos del proyecto a escala, orientado al norte y en formato DWG o DXF y en PDF. Éste tiene que incluir un polígono (área) de la extensión territorial del proyecto georreferenciado al sistema de coordenadas North American Datum del 1983 (NAD 83). Además, tiene que indicar si la unidad de medida utilizada es en pies o metros y la revisión del NAD 83 que utilizó.

Al someter el plano final para aprobación, se deberá cumplir también con los siguientes requisitos:

1. Someter los documentos de certificación del ingeniero o arquitecto debidamente cumplimentados
    a. AAA-972 (Solicitud de Aprobación de Planos de Construcción)
    b. AAA-1294 (Certificación de Ingeniero o Arquitecto)

2. Someter un estimado desglosado y por partida de las obras de acueducto y alcantarillado a instalarse en el proyecto.

Estas recomendaciones estarán vigentes por el término de dos (2) años, a partir de la fecha de esta comunicación, al cabo del cual, de no haberse sometido planos de construcción de las obras de acueducto y alcantarillado sanitario, el proyecto deberá someterse nuevamente ante la consideración de esta Autoridad.

Cordialmente,
240206.06

Ing. Augusto Ortiz Mercado, PE
Director Auxiliar Senior, Región Metro
Proyectos Públicos y Privados

C: Dueño/Proponente, Expediente, Archivo de Lectura

AAA - 1190

Autoridad de Acueductos y Alcantarillados

ESTADO LIBRE ASOCIADO DE PUERTO RICO

INFRAESTRUCTURA - Proyectos Públicos y Privados

SOLICITUD DE ENDOSO Y PERMISO PARA CONECTARSE Y USAR LOS SISTEMAS DE ACUEDUCTOS Y ALCANTARILLADOS DE LA AAA

A ser completado por un oficial de PPP:

Número de caso: AAA-R__ - _____ - _____ - _____ (región / año / municipio / secuencia)

Fecha radicación: día___ mes___ año____

Total unidades equivalentes _____

☐ **Entrado a SAP en:** día___ mes___ año____

NOMBRE DEL PROYECTO	MUNICIPIO
Escambron SkatePark	San Juan

DESCRIPCIÓN DEL PROYECTO: Skatepark & Kids Park in Parque del tercer milenio

Antes de someter esta radicación debe haber radicado en CET, ARPE, JP y/o municipio, según corresponda. Indique el número.

Número de CET	Número de ARPE	Número Junta de Planificación	Otro número (indique agencia)

Categoría: ☒ Público ☐ Privado

¿Ha radicado este proyecto en la AAA? (☐) Sí (☒) No Indique número AAA-_____ *

Tipo o uso principal del proyecto

Residencial	**Comercial**	**Turismo**	**Industrial**	**Institucional**	**Recreativo**	**Otros**
☐ Urbanización ☐ Multifamiliar ☐ Multipiso ☐ Mixto ☐ Solares	☐ Local Comercial ☐ Ofic. Profesional ☐ Centro Comercial ☐ Solares	☐ Hotel ☐ Cabañas, Villas ☐ Mixto ☐ Otros	☐ Solares Ind. ☐ Almacén ☐ Otros	☐ Escuela ☐ Centro ☐ Iglesia	☒ Parques Pasivos ☒ Facilidad Deportiva	☐ Cementerio ☐ Telecomunicaciones ☐ Infraestructura ☐ Otros
Unidades:	Área construida o consumo estimado	Área construida o consumo estimado	Área construida o consumo estimado	Capacidad de personas	Capacidad de personas: 100	Capacidad de personas

Proyecto de interés social: (☒) No (☐) Sí, Cantidad de unidades: _____ (Presentar original y copia de certificación Depto. Vivienda)

Tipo de endoso requerido (marque las que solicita): ☒ Acueducto ☒ Alcantarillado ☐ Otro: _____ ☐ Ninguno

Coordenadas Lambert: ☐ NAD27 ☒ NAD83 X 236256.40 Y 270029.82

Dueño del proyecto

Nombre y apellidos del dueño del proyecto:	Núm. Seg. Soc. o Patronal
Municipio Autonomo de San Juan (Arq. Luis Yordán)	

Teléfonos	Fax	Correo electrónico
787-464-1618		lyordan@sanjuan.pr

Apartado o número y calle	Urbanización, sector, etc.	Municipio	Código Postal (+4)
940 Ave. de Diego Edif. Trilito 4to piso			San Juan 00921

Dueño es: ☐ Individuo ☐ Sociedad ☐ Corporación sin fines de lucro ☐ Corp. con fines pecuniarios ☐ Corporación Pública ☐ Agencia gobierno ☒ Municipio ☐ Otros (cooperativa, etc.)

Localización del Proyecto

Calle-Núm. / Carretera-Km.	Punto de referencia: calle, avenida, facilidad, escuela, etc.
Ave. Muñoz Rivera	Parque Sixto Escobar

Barrio	Sector/Urbanización/Barriada/Comunidad/Parcelas	Código Postal (+4)	Número de Catastro
Pta. Tierra	Viejo San Juan	00906	046-006-125-01 *

Proponente

Nombre y apellidos del proponente:	Núm. Seg. Soc. o Patronal
Angel González	

Dirección postal (donde habrá de enviarse toda comunicación escrita)

Apartado o número y calle	Urbanización, sector, etc.	Municipio	Código Postal (+4)
Cond. Bayside Cove Apt.206		San Juan	00918

Persona Contacto (deberá estar autorizado por el dueño mediante carta)

Nombre y apellidos	Teléfono (s)	Fax	Correo electrónico
Angel González	787-244-4815		angel@aegonzalez.com

*** Declaro que esta solicitud ha sido examinada, completada por mi y a mi mejor juicio y creencia es cierta, correcta y completa.**

Firma del proponente o representante _____ fecha _____

Instrucciones al dorso →

Formulario al dorso →

SOLICITUD DE ENDOSO Y PERMISO
PARA CONECTARSE Y USAR LOS SISTEMAS DE ACUEDUCTOS Y ALCANTARILLADOS DE LA AAA

Instrucciones para radicar la solicitud

Documentos requeridos para procesar esta solicitud

- ☐ Copia de la Resolución de ARPE (vigente), evidencia de tenencia de la propiedad (escritura, declaratoria de herederos u otro documento legal), según aplique.
- ☐ Carta de trámite que describa el proyecto.
- ☐ Tres copias preliminares del plano o esquemático de instalaciones de agua y/o alcantarillado sanitario según aplique.
- ☐ Plano de localización 1 : 20,000 y coordenadas Lambert (preferiblemente NAD83)
- ☐ Plano de la parcela 1 : 2,000 con puntos de referencia o plano de agrimensura
- ☐ Croquis o mapa de localización con número de carretera, kilometraje y lugares de referencia actuales
- ☐ Certificación Departamento de la Vivienda para proyectos de interés social. Entregar copia y presentar original

Identificación del solicitante

- ☐ Presentar tarjeta de identificación del solicitante
- ☐ Carta del (*de los*) dueño (s) de la propiedad o Resolución Corporativa si el dueño no es un individuo, autorizando a someter el caso e indicando la (s) personas autorizadas a recibir información.
- ☐ Corporación/Cooperativa: Original y copia de Certificado de buena pro (*good standing*) del Departamento de Estado u Oficina de Inspector de Cooperativas (según aplique)
- ☐ Corporación/Cooperativa: copia Certificado de Incorporación
- ☐ Corporación/Cooperativa: copia Certificado de Vigencia en el Departamento de Estado
- ☐ Corporación Foránea: Certificación del Departamento de Estado que autoriza a la corporación a hacer negocios en Puerto Rico
- ☐ Sociedad: Presentar evidencia documental de tal asociación Escritura de Constitución de Sociedad
- ☐ Sociedad: Certificación del Registro Mercantil de la propiedad, indicando el tipo de sociedad

Información requerida en la solicitud

- ☐ Nombre y apellidos del dueño de la propiedad
- ☐ Número de Catastro
- ☐ Número de seguro social personal o identificación patronal del dueño
- ☐ Nombre y apellidos del dueño cuando es una persona. Nombre de la corporación según inscrita
- ☐ Número de seguro social personal o identificación patronal del proponente
- ☐ Dirección física: Carretera y kilometraje, punto de referencia (negocio, edificio, etc.), barrio, sector/ urbanización/etc., código postal del lugar
- ☐ Teléfonos de contacto

Notas importantes

1. **No se radicará el caso, si falta algún documento o información requerida.**
2. **El total de unidades equivalentes será determinado por la Autoridad de Acueductos y Alcantarillados.**

angel e. gonzalez delgado - consultant engineer , lic. 12645
tel-fax: 787-286-3492 - mobil: 787-224-4815 - e-mail: angel@aegonzalez.com

5 de diciembre de 2023

Lic. Felix Rivera
Director de Permisos
Oficina de Gerencia de Permisos (OGPe)
San Juan, Puerto Rico

RE: Escambron SkatePark
Ave. Muñoz Rivera
Parque Sixto Escobar
San Juan, P.R.

Estimado Lic. Rivera:

1- Le incluyo los planos del Proyecto en referencia para construcción de un parque que consiste en 30000 ft2 de pavimentos y obstáculos para practicar el deporte de las patinetas a un nivel internacional. El Proyecto tendrá un área de baños y duchas en el área según se muestra en el plano sometido.
2- Con relación a las facilidades existente de Acueducto quiero aclarar que la propiedad cuenta con las facilidades del parque existente que suplen en estos momentos para el sistema de agua potable y sistema sanitario y lo que se pretende es conectarlos a las mismas.
3- El consumo de la propiedad será para unas 100 personas en el parque.

De necesitar información o documentación adicional favor comunicarse a nuestros teléfonos (787) 224-4815 ó 787-286-3492 fax o a mi dirección postal: Condominio Bayside Cove Buzón 206 San Juan, Puerto Rico 00918.

Agradezco de antemano el interés de la agencia por el desarrollo del proyecto.

Cordialmente,

Ángel González Delgado, PE

RENOVACIÓN APROBADA: 29 de marzo, 2022

RENEWAL APPROVED ON: March 29, 2022

Gobierno de Puerto Rico
Government of Puerto Rico

DEPARTAMENTO DE ESTADO
Department of State

Secretaría Auxiliar de Juntas Examinadoras
Office of the Assistant Secretary of State for Examining Boards

La Junta Examinadora de Ingenieros y Agrimensores
The Examining Board of Engineers and Land Surveyors

por la presente certifica que
hereby certifies that

Angel Gonzalez

habiendo cumplido todos los requisitos de Ley, se ha inscrito en el Registro de esta Junta como
having met all the requirements of law, has been registered as:

Ingeniero Licenciado
Licensed Engineer

En testimonio de lo cual, se expide esta licencia para el ejercicio de dicha profesión, bajo el sello de la Junta Examinadora.
In testimony whereof, this license is issued to practice this profession, under the seal of the Board of Examiners.

En San Juan, Puerto Rico, efectivo 08 de abril de 2022
In San Juan, Puerto Rico, effective April 08, 2022.

Número de Licencia: 12645
License Number

Vencimiento: 07 de abril de 2027
Expires: April 07, 2027

Presidente

Director
Director

To whom it may concern:

I hereby certify that I am a Civil Engineer, fully licensed to practice engineering in the Commonwealth of Puerto Rico, and that the copy of the license depicted above is a true and bona fide copy of my professional engineer's license as issue by the "Junta Examinadora de Ingenieros, Arquitectos y Agrimensores de Puerto Rico" with expiration date of April 07, 2027.

I also certify that I am a member in good standing of the "Colegio de Ingenieros y Agrimensores de Puerto Rico" (CIAPR).

Ing. Angel Gonzalez Delgado
Condominio Bayside cove Apt 206
San Juan, PR 00918

ANGEL GONZALEZ
INGENIERO
LICENCIADO
LIC. #12645
PUERTO RICO



Seal Affixed
Professional Engineer
License No. 12645
Commonwealth of Puerto Rico

Recomendaciones

Escambron Skatepark PR-CRP-000935

Datos de Localización

De acuerdo a la información suministrada se propone una actividad: Público con Contratación Privada en:

Dirección Física

CALLE SAN AGUSTIN CON AVE. MUÑOZ RIVERA
San Juan Puerto Rico, 00901

Número(s) de Catastro

040-006-125-01

Calificación

Distrito(s) de Calificación: DD

Distrito en el Mapa de Inundabilidad: AE (77.9%), X (22.1%)

Tipo de Suelo: SNS

Dueño

Oficina de Asuntos Legales

Certificado por

Arquitecto: Istra Hernandez Caban, Lic. No. 7399

Cabida

Cabida según escritura: 30991.04 metros cuadrados

Infraestructura

La Autoridad de Acueductos y Alcantarillado mediante carta del 6 de febrero de 2024 emite sus recomendaciones y/o requerimientos para el Proyecto propuesto.

Condiciones Especiales

NINGUNA

Condiciones Generales

Esta recomendación es solamente aplicable a la situación de hechos y los datos según presentados y evaluados en el caso. La OGPe se reserva el derecho de reevaluar, variar o modificar el mismo en cualquier momento anterior a la emisión del permiso o la acción administrativa correspondiente por parte de la agencia solicitante o proponente cuando surja nueva información oficial específica estableciendo que el derecho aplicable o las condiciones ambientales en el predio han cambiado sustancialmente, o cuando la recomendación original se emitió bajo premisas falsas o fraudulentas.

Las vigencias de las diferentes agencias del proceso de recomendación serán las establecidas en los comunicados que estas emiten conforme a sus reglamentos.

Recomendaciones

Escambron Skatepark PR-CRP-000935

Firma / Sellos

Fecha de Expedición:

07/FEB/2024

Lcdo. Félix E. Rivera Torres
Secretario Auxiliar
Departamento de Desarrollo Económico y Comercio de Puerto Rico
Oficina de Gerencia de Permisos

Lcdo. Félix E. Rivera Torres

Secretario Auxiliar de la OGPe

SBP
SINGLE BUSINESS PORTAL

D-PRICP (2022-463298-SRA-070188)

13 DE JUNIO DE 2023

Lic. Félix E. Rivera
Secretario Auxiliar
DEPARTAMENTO DE D[redacted]
Oficina de Gerencia de Permisos
PO Box 41179
San Juan, Puerto Rico 00940-1179

[redacted]

CASO OGPE:	2022-463298-SRA-070188
DESCRIPCIÓN:	ESCAMBRÓN SKATEPARK PR-CRP-000935
MUNICIPIO:	SAN JUAN
UBICACIÓN:	AVENIDA LUIS MUÑOZ RIVERA
CATASTRO:	040-006-125-01
CALIFICACIÓN:	DD
PROPIETARIO:	MUNICIPIO DE SAN JUAN
PROPONENTE:	MUNICIPIO DE SAN JUAN

El Instituto de Cultura Puertorriqueña ([redacted]), por medio de su Programa de Patrimonio Histórico Edificado ([redacted]), ha examinado el proyecto de referencia para determinar si afecta Propiedades de Valor Histórico y Arquitectónico que estén protegidas, o sean elegibles a serlo, bajo las leyes y reglamentos que nuestra agencia tiene responsabilidad de administrar, como agencia primaria, endosante o recomendante. Estas leyes y reglamentos incluyen, entre otros:

1. La Ley 89 del 21 de junio de 1955 S.E., Ley Orgánica del Instituto de Cultura Puertorriqueña, en especial el inciso 4(a)(7), "Determinar que edificios o estructuras son de valor histórico o artístico en Puerto Rico. (…)" y el inciso 4(a)(8), "Asesorar a la Junta de Planificación en la reglamentación de construcción en aquellas zonas que determine como zonas de valor histórico. (…)".
2. La Ley 89 del 21 de junio de 1955 S.E., Ley Orgánica del Instituto de Cultura Puertorriqueña, en su inciso 4(b)(3) según enmendado por la ley 119 del 26 de septiembre de 2005, que permite "adoptar, enmendar o derogar, por conducto de su Junta de Directores, las reglas que gobiernen [el] funcionamiento y el descargo de los poderes" concedidos e impuestos al ICP por ley, y la imposición de multas administrativas y/u otras sanciones por su incumplimiento o violación.

    a. Reglamento de Procedimientos Administrativos del Programa de Patrimonio Histórico Edificado del Instituto de Cultura Puertorriqueña registrado en el Departamento de Estado como Reglamento Núm. 7746 con vigencia del 3 de abril de 2009.

3. Ley Núm. 161 de 1 de diciembre de 2009, S.E., Ley para la Reforma del Proceso de Permisos de Puerto rico, Artículo 1.5, inciso 31, el Instituto de Cultura Puertorriqueña es identificado como una de las agencias gubernamentales concernidas y con injerencia sobre el proceso de evaluación de solicitudes para el desarrollo y uso de terrenos, consultas, permisos, licencias, certificaciones, autorizaciones o cualquier trámite para la operación de negocios en Puerto Rico. Esta Ley establece claramente el requerimiento de autorización escrita previa del ICP para toda intervención y operación en las propiedades incluidas en el Registro de Sitios y Zonas Históricas de Puerto Rico, *plazas de recreo* y centros fundacionales (ver Reglamento Conjunto).

A. Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operaciones de Negocios (RC-2020); registrado en el Departamento de Estado de Puerto Rico bajo el Número 9233 con vigencia de 2 de enero de 2021. Tomo X: Conservación de Recursos Históricos
B. Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operaciones de Negocios (RC-2020); registrado en el Departamento de Estado de Puerto Rico bajo el Número 9233 con vigencia de 2 de enero de 2021. Tomos II, III, IV, VI, VII, IX (ver anejo 1 con identificación de Reglas correspondientes).

4. La Ley Núm. 183 de 21 de agosto de 2000, S.E., Ley Orgánica de la Oficina Estatal de Conservación Histórica, Artículo 7(b) y Artículo 8 (b), establece implícitamente el requerimiento de la recomendación favorable previa del ICP en permisos para proyectos que cuenten con fondos, permisos o asistencia de alguna agencia federal para realizar intervenciones que puedan impactar propiedades localizadas en el territorio de Puerto Rico que hayan sido incluidas en el Registro Nacional de Lugares Históricos en Washington o sean elegibles al mismo.[1]
5. Ley Núm. 60 de 1 de julio de 2019, S.E., Código de Incentivos de Puerto Rico, Capítulo 7 Infraestructura y Energía Verde, Sección 2071.01, Inciso 1: Se provee para que un negocio establecido, o que será establecido, en Puerto Rico por una Persona, organizado o no bajo un nombre común, pueda solicitarle al Secretario del DDEC la Concesión de Incentivos cuando la Entidad se establece en Puerto Rico para dedicarse a una de las siguientes actividades elegibles: Realizar obras de mejoras, restauración o reconstrucción de edificios existentes, u obras de reestructuración o nueva construcción en solares baldíos en las [redacted], y los alquileres de tales edificios localizados en tales zonas una vez hayan sido mejorados, restaurados, reconstruidos, restructurados o construidos, según sea el caso. Se requiere la Recomendación del ICP.
6. La exigencia de endoso o comentario del [redacted] aplicable a propiedades designadas de valor histórico y arquitectónico por otros medios, tales como:
    a. Resolución de la Asamblea Legislativa.
    b. Monumentos Históricos designados por la Junta de Directores del [redacted]
    c. Propiedades designadas por un plan de ordenamiento territorial de un Municipio Autónomo y que esté en vigor, o por el Plan de Uso de Terrenos de Puerto Rico.
    d. Ser declaradas históricas en un plan especial de zonificación.
    e. Otras propiedades referidas por cualquier componente del Sistema Unificado de Información/Single Business Portal (**SUI SBP**), la Oficina de Permisos de un Municipio Autónomo con poder de otorgar permisos, la Junta de Planificación, el Programa de Arqueología y Etnohistoria del [redacted], u otra agencia o entidad de gobierno con poder reglamentario.
7. Petición a solicitud voluntaria de un propietario o derechohabiente de una propiedad.

De acuerdo a nuestros expedientes y la información provista:

1. Esta propiedad está localizada en [redacted], que fue declarada como lugar de valor histórico-cultural: Patrimonio del Pueblo de Puerto Rico por medio de una Resolución de la Junta de Directores del Instituto de Cultura Puertorriqueña; *2017-0014* del 12 de mayo de 2017.
2. Conforme a la Escritura Núm. 12 de Cesión y Traspaso de la Propiedad del 15 de julio de 2011 entre la Compañía de Parques Nacionales de Puerto Rico (antes Compañía de Fomento Recreativo de Puerto Rico) y el Municipio Autónomo de San Juan la propiedad recibió fondos para su desarrollo en virtud del ***LAND AND WATER CONSERVATION FUND ACT*** de 1965, según enmendada, a través del Proyecto Número 72-0002,

[1] La OECH **asiste** a las agencias federales en el proceso de cumplimiento con el 54 USC 306108 (Sección 106 de la Ley de Preservación Histórica Nacional) y el 36 CFR Parte 800: Protección de Propiedades Históricas, pero esta consulta [redacted] los permisos ni las recomendaciones requeridos en Puerto Rico para intervenciones en propiedades históricas en virtud de la Ley 161-2009, según enmendada, Ley para la Reforma del Proceso de Permisos de Puerto Rico y la Ley 89-1955, según enmendada, Ley Orgánica del Instituto de Cultura Puertorriqueña.

quedando gravada a ciertas restricciones de uso. Citamos: *"No property acquired or developed with assistance under this section shall, without the approval of the Secretary (of the Interior), be converted to other tan public outdoor recreation uses. The Secretary (of the Interior), shall approve such conversion only if he finds it to be in accord with the then existing comprehensive statewide outdoor recreation plan and only upon such conditions as he deems necessary to assure the substitution of other recreation properties of at least equal fair market value and of reasonably equivalent usefulness and location."*

3. Conforme al Memorial presentado: El *Skatepark* consta de 30.000 PCs de pavimentos con obstáculos y *bowls* para la práctica de *skateboarding* a nivel internacional, que se ubicará dentro de una parte de la huella de 62,000 PC del estadio de béisbol existente. El resto del terreno de *Ballpark*, unas 32.000 PC, permanecerá abierto como un campo verde. Todos los sistemas de infraestructura necesarios de agua, alcantarillado sanitario, electricidad y alcantarillado pluvial están presentes en el parque existente. La única estructura que se construirá sobre el nivel del suelo son dos baños para servir a los usuarios del *Skatepark* y marquesina de señalización de entrada al Skatepark. El proyecto propuesto implica el reemplazo de viejos postes de iluminación por otros nuevos, mejoras a los pavimentos y paisajes existentes jardinería para áreas verdes, además de corte y poda de árboles y plantas existentes.
4. Incluye la demolición de las gradas del parque de pelota no histórico y su *dogout*; la construcción baños, superficies de patinaje, veredas, paisajismo y mobiliario urbano.

Por lo tanto, se emite una determinación de RECOMENDACIÓN FAVORABLE [redacted] AL PROYECTO PROPUESTO. El proyecto deberá (1) cumplir con las restricciones de uso que aparecen como gravámenes en la Escritura de Cesión y Traspaso de la Propiedad; (2) evitar impacto adverso a propiedades aledañas de valor Histórico y arquitectónico (Parque Sixto Escobar, Hotel Normandie, etc.); y (3) cumplir con la Ley 112-1988, según enmendada.

Esta recomendación es [redacted]. La Ley 161-2009, según enmendada, Artículo19.6, enmienda las Secciones 2 y 3 de la Ley Núm. 112 de 20 de julio de 1988, según enmendada, conocida como "Ley de Protección del Patrimonio Arqueológico Terrestre de Puerto Rico", a los fines de transferir al Instituto de Cultura Puertorriqueña toda facultad, deber u obligación referente a la evaluación para la otorgación o denegación de determinaciones finales o permisos, esto en coordinación con la Oficina de Gerencia de Permisos.

Este documento tiene vigencia de un (1) año a partir de su emisión.

Sin otro particular, quedo.

Mildred Gon le Valent n, B[redacted]
Subdirectora
Programa Patrimonio Histórico Edificado

MGV/ejc

ANEJO 1

1. Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operaciones de Negocios (RC-2020); registrado en el Departamento de Estado de Puerto Rico bajo el Número 9233 con vigencia de 2 de enero de 2021. Tomo X: Conservación de Recursos Históricos
    a. Capítulo 10.2 Conservación de Sitios Históricos, Zonas Históricas y Centros Fundacionales,
        1. Regla 10.2.2 Requerimiento Expedición de Permisos y Recomendaciones en Sitios y Zonas Históricas, Sección 10.2.2.3, Sección 10.2.2.4, Sección 10.2.2.3 y Sección 10.2.2.4
        2. Regla 10.2.5 Normas Generales de Intervención
        3. Regla 10.2.7 Intervención en Espacios Públicos y Estacionamientos donde ubican Sitios y Zonas Históricas

4. Regla 10.2.8 Obras en las Plazas, Plazuelas, Plazas de Recreo y en las Propiedades Circundantes a éstas, en Zonas Históricas Designadas o en Proceso de Designación
5. Regla 10.2.9 Estacionamiento en Sitios y Zonas Históricas
6. Regla 10.2.10 Rótulos, Cortinas y Toldos en Sitios y Zonas Históricas
7. Regla 10.2.11 Conservación del Patrimonio Inmueble, Sección 10.2.11.5 Requerimiento de Recomendaciones o Certificaciones

2. Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operaciones de Negocios (RC-2020); registrado en el Departamento de Estado de Puerto Rico bajo el Número 9233 con vigencia de 2 de enero de 2021. Tomos II, III, IV, VI, VII, IX

a. Regla 2.1.8, Sección 2.1.8.7, Inciso "b": Todo proyecto público o privado que conlleve movimiento de terreno, excavación, extracción de corteza terrestre o construcción, reconstrucciones o canalizaciones deberá solicitar a la División o Unidad de Evaluación Ambiental (DECA) la recomendación del ICP sobre Arqueología y Conservación Histórica, ya sea a través de la OGPe, los Municipios Autónomos con Jerarquía 1 a la III o el Profesional Autorizado.
b. Regla 2.2.8, Inciso c-10: Consultas de Ubicación a proyectos de mejoras públicas municipales en propiedades y estructuras que ubiquen en los centros fundacionales, dentro de Zonas Históricas o designadas como sitio histórico deberán contar con la recomendación del ICP, previo comienzo de la obra.
c. Regla 2.3.1: El PA requerirá una Recomendación del ICP en todo aquel permiso único a otorgarse en las estructuras oficialmente designadas e incluidas en el Registro de Sitios y Zonas Históricas de la JP y en los centros fundacionales de los Municipios. Los permisos y determinaciones finales a un permiso de construcción y para la demolición, reparación, restauración o remodelación de una estructura con valor histórico requerirán de la recomendación del ICP.
d. Regla 3.2.1 Permisos de Construcción, Sección 3.2.1.2, inciso "l": El proyecto que se encuentre en una zona histórica, centros urbanos tradicionales y yacimientos arqueológicos, la OGPe, Los Municipios Autónomos con jerarquías de la I a la III o los PA, requerirán la recomendación escrita del ICP antes de autorizar cualquier permiso de construcción, conforme a la Regla 10.2.11 de Conservación del Patrimonio Inmueble, en el Tomo X de este Reglamento Conjunto.
e. Regla 3.2.2, inciso "b-6": Si el proyecto se encuentre en una zona histórica, centros urbanos tradicionales y yacimientos arqueológicos, la OGPe, los Municipios Autónomos con Jerarquía I a la III, o los PA, requerirán la recomendación escrita del ICP antes de autorizar la actividad de demolición. En caso de ser una propiedad histórica, estará conforme a lo establecido en este Reglamento Conjunto sobre Conservación de Sitios y Zonas Históricas, entiéndase Tomo X, o cualquier documento formal emitido por las Entidades Gubernamentales Concernidas cuando existe una situación de emergencia previamente decretada por el Gobierno de Puerto Rico o el Gobierno Federal.
f. Regla 3.2.4 Obras Exentas de Permisos de Construcción
    1. Sección 3.2.4.1 Actividades que no se consideran obras de Construcción, inciso "c": Cuando la actividad se vaya a realizar en Sitios y Zonas Históricas así declaradas por la JP, el ICP o la Asamblea Legislativa, o en otras áreas especiales donde así se establezca mediante Reglamento o resolución, deberá obtener la autorización correspondiente del ICP, mediante una solicitud de recomendación de arqueología y conservación histórica ('SRA").
    2. Sección 3.2.4.2 Obras de Carácter Menor Exentas, inciso "b": Cuando la obra exenta se vaya a realizar en Sitios y Zonas Históricas así declaradas por la JP, el ICP o la Asamblea Legislativa, o en otras áreas especiales donde así se establezca mediante Reglamento o resolución, deberá obtener la autorización correspondiente del ICP, mediante una solicitud de recomendación de arqueología y conservación histórica ('SRA").
g. Regla 3.5.9 Permiso Formal para la Extracción, Excavación, Remoción y Dragado de los Componentes de la Corteza Terrestre, Sección 3.5.9.4, inciso "u": Recomendación del ICP para el área donde se propone la extracción, cuando la misma haya sido predeterminada por ICP o la Asamblea Legislativa como zona de valor histórico o arqueológico.
h. Regla 3.7.1 Permiso Único, Sección 3.7.1.7, inciso "g": Se requerirá la recomendación del ICP en Sitios y Zonas históricas antes de expedir este tipo de permiso para actividades cuya duración exceda de treinta (30) días.
i. Regla 4.4.1.2 Licencias Traficantes al Detalle de Bebidas Alcohólicas, Sección 4.4.1.2, inciso "c": Recomendación del ICP en los casos en que la propiedad ubique en una zona histórica
j. Regla 6.1.27 Distrito S-H: Sitio Histórico, Sección 6.6.27.2 (ver Tabla 6.85 – Usos permitidos en Distrito S-H) y Sección 6.1.27.4 (ver Tabla 6.86 – Parámetros de Diseño Distrito S-H).
k. Regla 6.1.28 Distrito C-H: Conservación Histórica, Sección 6.1.28.2 (ver Tabla 6.87 – Usos permitidos en Distrito C-H) y Sección 6.1.28.4 (ver Tabla 6.88- Parámetros de Diseño Distrito C-H).
l. Regla 7.3.6 Centro Urbano (CU), Sección 7.3.6.1, Inciso "d": Toda intervención en los centros urbanos delimitados se hará en conformidad con el Plan de Ordenación Territorial, Plan de área del Centro Urbano Tradicional o Plan de Rehabilitación del Centro Urbano, cumpliendo con las disposiciones de la Regla 10.2.11 en el Tomo X de este Reglamento Conjunto.
m. Capítulo 9.1 Obras Eléctricas, Sección 9.1.2.2 inciso "k": Los permisos y autorizaciones en Sitios y Zonas Históricas, Plazas de recreo y bloques circundantes, entiéndase centros fundacionales de los pueblos requerirán de la recomendación del ICP.
n. Capítulo 9.6 Obras de Acueductos y Alcantarillados, Sección 9.6.2.2, Inciso "l": Los permisos y Autorizaciones en Sitios y Zonas Históricas, plazas de recreo y bloques circundantes, entiéndase centros fundacionales de los pueblos requerirán de la recomendación del ICP.
o. Capítulo 9.8 Sistemas Individuales de Disposición de Desperdicios Domésticos (SIDDD), Sección 9.8.3.1, inciso "d".
p. Capítulo 9.11 Proyectos de Construcción, Instalación y Ubicación de Torres e Instalaciones de Telecomunicaciones, Sección 9.11.6.3, inciso "e" Zonas Históricas y Centros Fundacionales.

mgv

6 de mayo de 2024

SOLICITUD DE PLAN PARA MONITORÍA ARQUEOLÓGICA

Arq. Istra Hernández Cabán
Hernández-Bauza, PSC, Architects
PO Box 361090, San Juan, PR 00936
istraher@hernandez-bauza.com

Proyecto: Escambrón Skatepark PR-CRP-000935
Ave. Muñoz Rivera
Barrio Puerta de Tierra, San Juan
OGPe: 2022-463298-SRA-070188
ICP-PAE: SJ-23-517

Estimada arquitecta Hernández:

El Programa de Arqueología y Etnohistoria (PAE) del Instituto de Cultura Puertorriqueña (ICP) ha recibido el 1 de mayo de 2024, vía correo electrónico, su solicitud de reconsideración del requerimiento del PAE de realizar un Estudio Arqueológico Fase IA-IB, según solicitado en carta del 27 de septiembre de 2023, para el proyecto en referencia.

Durante este proceso, hemos revisado su solicitud de reconsideración, junto con la comunicación de la Arqla Norma Medina Carrillo, y hemos llegado a la determinación de dejar sin efecto nuestra solicitud de realizar un Estudio Arqueológico Fase IA-IB condicionado a lo siguiente:

1. Deberá someter para nuestra evaluación y determinación un ***Plan de Trabajo de Supervisión Arqueológica (Monitoría)***. Este deberá ser preparado por un arqueólogo cualificado para realizar investigaciones a nivel de Fase II por el Consejo para la Protección del Patrimonio Arqueológico Terrestre de Puerto Rico, y cumplir con el Artículo 10, Sección 3, Incisos A y B del reglamento #8932.

2. Deberá incluir una sección con la historia específicamente del predio del parque de softball, conocido como el Canódromo, incluir fotografías aéreas y planos topográficos con la forma del predio (polígono), incluir el plano del proyecto con escala gráfica donde identifiquen todas las excavaciones propuestas (largo, ancho y profundidad) y la descripción de los trabajos a monitorearse.

Escambrón Skatepark PR-CRP-000935
ICP-PAE: SJ-23-517
6 de mayo de 2024
Página 2

Deberá entregar una copia a color encuadernada en la oficina del PAE, en el Viejo San Juan. Recuerde acompañar los documentos a entregar con una hoja de trámite que indique el nombre del documento que va a entregar. El documento deberá estar dirigido al Programa, incluir en la portada el número de control del ICP-PAE, el número de OGPe, la fecha en formato completo y añadir la presente carta relacionada al caso.

No deberá llevarse a cabo ningún tipo de demolición, construcción o excavación, etc. hasta contar con la autorización final de nuestra oficina. Se le apercibe que, de no cumplir con las disposiciones antes indicadas, podría incurrir en una violación a la citada ley.

Cordialmente,

Freddy Vélez García
Sub Director del ICP
Director Interino
Programa de Arqueología y Etnohistoria

E-NETPR (2022-463298-SRI-070719)

Recomendaciones

Escambron Skatepark PR-CRP-000935

Datos de Localización

De acuerdo a la información suministrada se propone una actividad: Público con Contratación Privada en:

Dirección Física

CALLE SAN AGUSTIN CON AVE. MUÑOZ RIVERA
San Juan Puerto Rico, 00901

Número(s) de Catastro

040-006-125-01

Calificación

Distrito(s) de Calificación: DD

Distrito en el Mapa de Inundabilidad: AE (77.9%), X (22.1%)

Tipo de Suelo: SNS

Dueño

Oficina de Asuntos Legales

Certificado por

Arquitecto: Istra Hernandez, Lic. No. 7399

Cabida

Cabida según escritura: 30991.04 metros cuadrados

Infraestructura

NETPR 2023-RI-0234_OGPE 2022-463298-SRI-070719_El Negociado de Telecomunicaciones (NET), tiene los siguientes comentarios sobre la evaluación de este proyecto. Adjunto le devolvemos una copia del plano, donde se indica en rojo el punto de conexión, que deberá incluir en los planos finales, para la infraestructura de telecomunicaciones. Una vez se incorporen las recomendaciones a los planos, la Parte Proponente está obligada a preparar el plano final de infraestructura de telecomunicaciones, conforme a la Ley Número 161 de 1 de diciembre de 2009, según enmendada, conocida como la Ley para la Reforma del Proceso de Permisos de Puerto Rico (Ley 161); y el Reglamento para el Endoso de Planos de Infraestructura y Servidumbres para Facilidades de Telecomunicaciones y Televisión por Cable del NETPR, (Reglamento 7393, revisado). De manera supletoria, es de aplicación el Reglamento Conjunto 2020 para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operación de Negocios. Esta acción no constituye un endoso a la referida acción, ni representa un relevo de cumplimiento respecto a todos los reglamentos aplicables. En esta etapa, se impone la obligación de tramitar, ante la Oficina de Gerencia de Permisos (OGPe), una nueva Solicitud de Recomendaciones para Infraestructura de Telecomunicaciones, mediante el Formulario NETPR F-101, que está disponible en la sección de Infraestructura (Endosos – Formularios) de nuestra página de Internet: http://www.jrtpr.pr.gov/endosos-formularios/. De ser requerido, la propuesta incluirá el deslinde y la descripción para una Servidumbre de Infraestructura Soterrada de Telecomunicaciones. Este diseño se realizará de conformidad con el citado Reglamento enmendado 7393, del NETPR. El dueño o su representante constituirán, mediante Plano de Inscripción y Escritura, la Servidumbre de Infraestructura Soterrada de Telecomunicaciones, en estricto cumplimiento con las disposiciones del citado reglamento. Este requisito es de observancia específica, y constituye un requisito estatutario, para que la Parte Proponente pueda obtener un Permiso de Construcción. Es una obligación previa al otorgamiento del Permiso de Construcción, presentar a la consideración del NETPR, el Plano de Infraestructura de Telecomunicaciones, para Aprobación Final. El Proponente deberá coordinar con los proveedores de las utilidades de telecomunicaciones (teléfono, televisión por cable) la localización e identificación de cualquiera de estas facilidades que puedan existir en el área del proyecto. En cuanto al

Recomendaciones

Escambron Skatepark PR-CRP-000935

posible impacto del proyecto, cualquier remoción, modificación y relocalización de las instalaciones de telecomunicaciones existentes, deberá ser coordinada con los proveedores de estos servicios. Una vez complete la construcción del proyecto, y para el endoso final de la obra construida, deberá proceder, conforme a la Sección 5.02.6 sobre Solicitud de Endosos de Obras de Infraestructura Construidas del Reglamento 7393, según revisado. Para solicitar el Permiso de Uso, que emite la OGPe, es un requisito mandatorio cumplir con la Certificación de Obras Construidas (COC), utilizando el Formulario NETPR F-102, que también lo encontrará en la descrita dirección electrónica. En el descargue de los deberes delegados, el NETPR pasará juicio en torno a la veracidad de los hechos que surjan del expediente administrativo. Se notificarán las acciones administrativas que correspondan, de acuerdo con la etapa del proyecto en referencia.

Condiciones Especiales

NINGUNA

Condiciones Generales

Esta recomendación es solamente aplicable a la situación de hechos y los datos según presentados y evaluados en el caso. La OGPe se reserva el derecho de reevaluar, variar o modificar el mismo en cualquier momento anterior a la emisión del permiso o la acción administrativa correspondiente por parte de la agencia solicitante o proponente cuando surja nueva información oficial específica estableciendo que el derecho aplicable o las condiciones ambientales en el predio han cambiado sustancialmente, o cuando la recomendación original se emitió bajo premisas falsas o fraudulentas.

Las vigencias de las diferentes agencias del proceso de recomendación serán las establecidas en los comunicados que estas emiten conforme a sus reglamentos.

Firma / Sellos

Fecha de Expedición:

23/JUN/2023

Lcdo. Félix E. Rivera Torres
Secretario Auxiliar
Departamento de Desarrollo Económico y Comercio de Puerto Rico
Oficina de Gerencia de Permisos

Lcdo. Félix E. Rivera Torres

Secretario Auxiliar de la OGPe

PROVEEDORES DE SERVICIO

Ing. Esdras Ríos Vélez, Gerente de Ingeniería y Construcción de Accesos, Claro, esdras.rios@claropr.com, PO Box 360998, San Juan, P.R. 00936-0998, 787-749-2316;

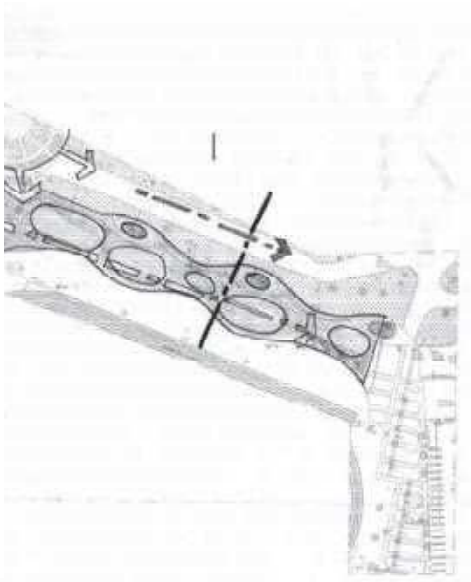
Sr. Juan E. Orellana, B2B & Network Upgrade Construction Snr. Mgr., Liberty Communications of PR, juan.orellana@libertypr.com, 996 San Roberto Street, Reparto Loyola, San Juan, PR 00927, (M) 787-444-2071;

Ing. José Luis Torres, Technical Mgr. Metro & Island, Prepanet; jl-torres@prepanetworks.net o jl-torres@hub.pr, PO Box 195600, San Juan, PR 00919, (M) 787-944-3246;

Ing. Moisés Santana, Gerente de Planificación e Ingeniería, WorldNet, msantana@worldnetpr.com, engineering@worldnetpr.com, Centro Internacional de Mercadeo 90, Carr. 165, Suite 201, Guaynabo, P.R. 00968-8059, (M) 787-706-2600 o (T) 787-277-0210;

Ing. Alexis Ortiz, Gerente General, Critical Hub Networks, aortiz@criticalhub.com, PO Box 11278, San Juan, PR 00910, (T) 787-728-9000, (F) 787-728-9777;

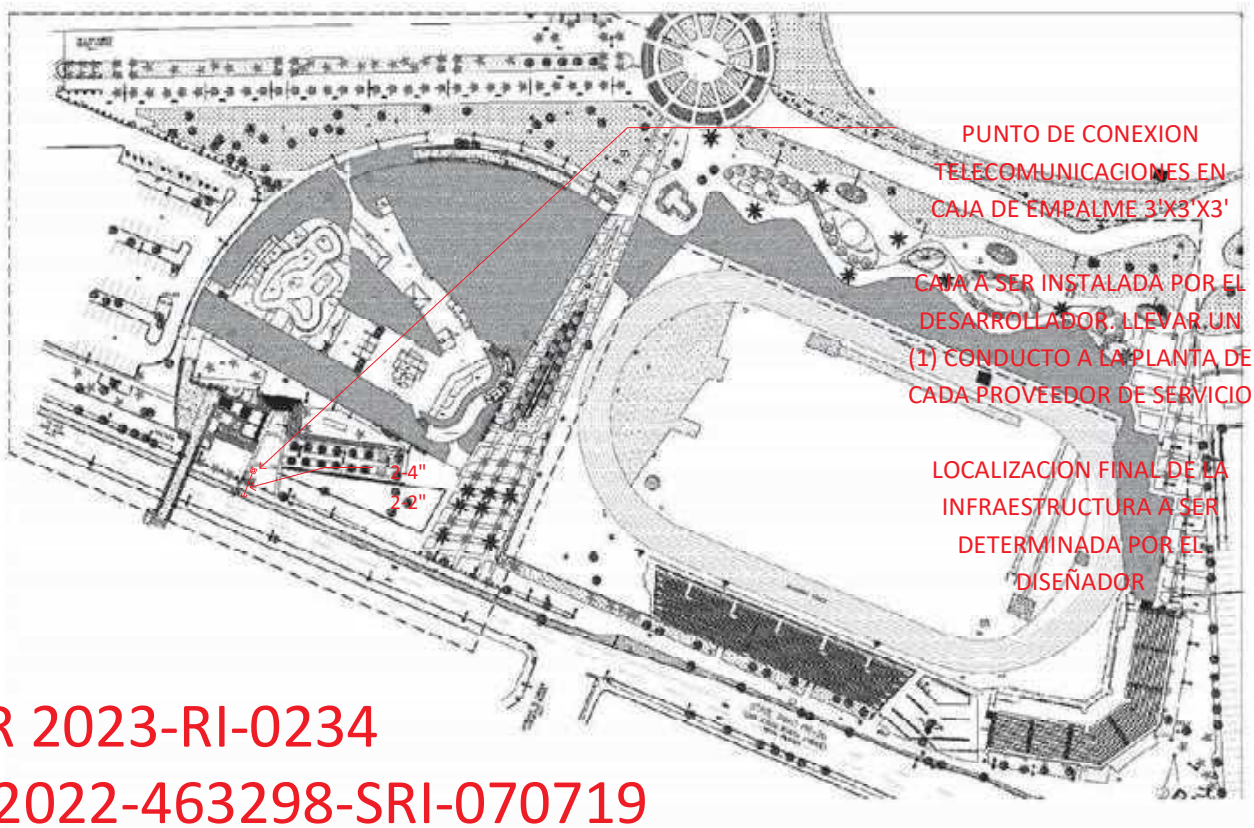
Sr. Iván Rivera Beltrán, CEO, Osnet Wireless Corp., irivera@osnetpr.com, PO Box 819, Humacao, PR 00792-0819, (T) 787-655-1919 o (M) 787-644-4243



The Skatepark consists of 30,000 PCs of pavements v
skateboarding at an international level, to be located wit
existing Ballpark. The remainder of the Ballpark land, som
All the necessary infrastructure systems of water, sanitary
in the existing park. The only structure to be built above gr
users and canopy roof signaling the entrance to the
replacement of old lighting poles with new ones, impr
furniture, and landscape gardening for green areas, plus c

See proposed schematic below:

Incluir en el Plano las Notas Generales y Detalles del Diseño según las *Guias Técnicas para Endosos de Planos de Infraestructura de Telecomunicaciones por Cable*



NETPR 2023-RI-0234
OGPE2022-463298-SRI-070719

F-PRCZP (CZ-2024-0921-040)

GOVERNMENT OF PUERTO RICO
PUERTO RICO PLANNING BOARD

October 5, 2023

CZ-2024-0921-048
Federal Consistency Certification with the Puerto Rico Coastal Zone Management Program
"Escambrón Skate Park"
Public Project PR-CRP-000035

RESOLUTION

TO NOTIFY PARTIES ABOUT THE ISSUANCE OF A FEDERAL CONSISTENCY CERTIFICATE ACCORDING TO THE COASTAL ZONE MANAGEMENT ACT FEDERAL CONSISTENCY REGULATIONS, 15 CFR Part 930

The Municipal Government of San Juan (MSJ) submitted the application of reference to obtain federal assistance from the CDBG-DR funds through the City Revitalization Program. The proposed project named "Escambrón Skate Park" consists of the rehabilitation of a portion of the Parque Tercer Milenio. The construction of a new skate park and other repairs that include architectural, structural, electrical, civil, plumbing, graphic signage, and landscaping works. The MSJ seeks to revitalize, modernize, and promote Green Initiatives in its city centers through smart design.

The proposed project site contains a baseball field, associated structures, green areas, paved areas, and other structures (bleachers) associated to the adjacent stadium.

The Scope of the Work of this remodeling project is a partial area of the Parque del Tercer Milenio that includes the existing Ball Park with an area of 62,000 cubic feet and the corridor parallel to the running track. In this corridor, it includes the demolition of the concrete stands on the north side of the running track, which are in a high degree of deterioration, and two concrete stands with dugouts in the baseball field.

The skate park consists of 30,000 cubic feet of pavement with obstacles and bowls for the practice of skateboarding at an international level, to be located within a portion of the 62,000 ft² footprint of the existing Ballpark. The remainder of the ballpark land, some 32,000 ft², will remain open as a green field. All the necessary infrastructure systems of water, sanitary sewer, electricity, and storm sewer are present in the existing park. The only structure to be built above ground level are two restrooms and canopy roof signaling the entrance to the Skatepark. Also entails the replacement of old lighting poles with new ones, improvements to existing pavements and landscape.

It is not proposed to expand the footprint of new facilities outside of the existing footprint of already impacted areas. The activities included in the proposed project are not likely to adversely affect endangered species and pursue the improvements of existing landscape areas.

All the areas used for this project area areas that have been already impacted by the Third Millenium Park project (1999) and area being reprogrammed to be remodeled and reused in other recreational activities. Considering the scheduled demolition of the track's bleachers structures and the two ballpark stands with dugouts, plus the new construction; the net result of additional construction is +4,065 ft².

The proposed project is located at Parque del Tercer Milenio (el Escambrón), in the municipality of San Juan, Puerto Rico.

As part of the completed evaluation, the Puerto Rico Planning Board made the following findings:

The PR Cultural Institute (PRCI) submitted a favorable recommendation, conditional on the proposed project. It must comply with the use restrictions that appear as encumbrances in the Deed of Assignment and Transfer of the property and avoid the adverse impact on the surrounding properties of Historical and Architectural Value (Parque Sixto Escobar, Hotel Normandie, etc.) and complies with 112-1998 Law, as amended.

GOBIERNO DE PUERTO RICO
JUNTA DE PLANIFICACIÓN

The properties of the proposed project components may be impacted by a flood risk zone, specifically an AE zone with an approximate elevation of 3 meters (MSL), and a coastal Zone A with an approximate elevation of 3.4 meters (MSL), also known as LIMWA. It is important to note that these zones are subject to potential inundation.

Considering the above-mentioned findings, the Puerto Rico Planning Board (PRPB) in its meeting held on October 5, 2023, determined that the federal assistance (CDBG-DR funds) to be awarded through the City Revitalization Program (CRP) for the *"Escambrón State Park"* public project is consistent with the Puerto Rico Coastal Zone Management Program Policies.

This certification does not exempt the project from complying with other required federal or state permits and endorsements.

The following parties shall be notified: Municipal Government of San Juan PO Box 70179 San Juan, Puerto Rico 00936-8179; Istra Hernández, President Hernandez-Bauza PSC Architects; istrahernandez@gmail.com, PPL, Laredo González eco.landscape.pr@gmail.com.

Julio Lassús Ruiz, LLM, MP, PPL
President

I Certify: That this Resolution is copy of the agreement adopted by the Puerto Rico Planning Board (PRPB) in its meeting of October 5, 2023. I expedite and notify this copy to the parties with my signature and the official Puerto Rico Planning Board stamp, for general use and knowledge.

In San Juan, Puerto Rico, today NOV 0 8 2023

Edgardo Vázquez Rivera
Acting Secretary

GOBIERNO DE PUERTO RICO
JUNTA DE PLANIFICACIÓN

G-Flora and Fauna Inventory

BIOLOGICAL ASSESSMENT
INVENTARIO DE FLORA Y FAUNA

para

ESCAMBRON SKATE PARK

SAN JUAN, PUERTO RICO

D.R.N.A.P.R.

Laredo González, MP, PPL

MS in Planning/Biologist/

ISA Certified Arborist/

DRNA-PSF-020

PMB 268, 35 Juan Carlos de Borbón # 67,

Guaynabo, Puerto Rico 00969-5315

MARZO, 2023

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Introducción:

Las evaluaciones de flora y fauna son un elemento importante en el proceso de planificación ambiental y obtención de permisos para obras de desarrollo, explotación de recursos naturales y proyectos de construcción.

Se propone la construcción de un "Skate Park", paseo peatonal y juegos para niños y demolición de estructuras en desuso, en las facilidades del Parque del Tercer Milenio, San Juan, Puerto Rico. Este documento persigue proveer información sobre los elementos distintivos de la flora y la fauna presentes en el sitio al momento de la evaluación.

El Sitio:

El sitio donde se propone la acción esta urbanizado y contiene estructuras, espacios pavimentados y espacios vegetados ajardinados.

LOCALIZACION (Anejo I):

El predio del proyecto tiene una cabida de unos 22,738.1512 metros cuadrados (unas 5.8 cuerdas) y está localizada en la Avenida Luis Muñoz Marín, Puerta de Tierra, San Juan, Puerto Rico. (ANEJO I). Centroide:(x: 236,261.3928, y: 270,021.5407) (Nad83).

El área de estudio:

El sitio del Proyecto ubica en la zona climática “Subtropical Moist Forest” (Ewel & Whitmore, 1973; Gould & et. al., 2008).

Calificación:

El solar está calificado como DD (Dotacional: Recreación y Deportes), según Mapa de Calificación de Suelo del Municipio Autónomo de San Juan, hoja 2C (Vigencia 13/MAR/2003). También, en el Mapa de Área de Planificación Especial Zona Cársica, aparece afectado por el distrito APE-ZC (ANEJO I).

Suelos:

Soil Map—San Juan Area, Puerto Rico
(SKATE PARK @ PARQUE TERCER MILENIO)



Map Scale: 1:1,050 if printed on B landscape (17" x 11") sheet.

N

0 15 30 60 90 Meters

0 50 100 200 300 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Juan Area, Puerto Rico
Survey Area Data: Version 16, Sep 12, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
UI	Urban land	5.6	100.0%
Totals for Area of Interest		**5.6**	**100.0%**

Recurso agua:

La propiedad se encuentra en Zona AE (3-3.4 m de elevación), según el panel de FEMA 72000C03555J con vigencia del 18 de noviembre de 2009 (Anejo V). La capa de recursos hídricos de MIPR-JP, no indica la presencia de cuerpos de agua.

El USFWS-NWIM muestra la presencia potencial de humedales en la parcela, tampoco las condiciones y vegetación observadas apuntan a la presencia de tal ecosistema (Anejo VI).

Métodos:

Personal de GBA visitó predio durante el mes de Marzo de 2023 para colectar información de campo. Se recorrió el solar en su totalidad. Se observó la vegetación y la fauna en el predio. Algunas aves se registraron también en las zonas adyacentes a la propiedad. Se siguió un método combinado de observación sistemática dirigida a maximizar el porcentaje de territorio reconocido (Sutherland, 1998; McDiarmid, Foster, Guyer, Gibbons, & Chernoff, 2012) y puntos de observación, registrando los contactos visuales y auditivos con los elementos de flora y fauna. Además, en los especímenes arbóreos, se observó el follaje en busca de estructuras de nidos. La identificación de las especies se efectuó tanto en el terreno como en la oficina.

Mapas y análisis se llevaron a cabo en ambiente de "Geographic Information System (GIS)" utilizando ArcGis 10.5.1 y AutoCAD R18. Las coordenadas son referidas al Datum NAD 83 2011 for Puerto Rico and US Virgin Islands. El plano base fue suministrado por el proponente.

Se empleó como referencia de las condiciones generales del predio, imágenes satelitales del predio originadas en Google Earth, y otras imágenes disponibles en el Gis.PR.Gov y Arcgis Online.

Se procesó la información digital, así como planos disponibles y mapas, en ambientes AutoCAD Civil3D 2018 y ArcGis 10.5 (ANEJO II), (ANEJOS VIII Y IX). Se tomaron fotografías de campo.

Resultados:

Flora and Vegetación:

El sitio donde se propone la acción está urbanizado y se compone de espacios vegetados (mayormente cubiertos de herbáceas bajas, plantas ornamentales y árboles y palmas sembrados como parte del ajardinamiento), estructuras, viales peatonales y vehiculares, pavimentados. (Anejo VIII).

Se identificaron un total de 69 especies de plantas pertenecientes a 40 familias (ANEJO VII). No se registraron especies de plantas amenazadas o en peligro de extinción.

De acuerdo con la herramienta para planificación y consulta (IPac, por sus siglas en inglés) del Servicio Federal de Vida Silvestre (USFWS por sus siglas en inglés), de las especies listadas en Puerto Rico, no se advierte de la posible presencia en el área de especies de plantas en peligro de extinción.

Fauna:

Se registran un total de 41 especies de fauna, las cuales pertenecen a 28 familias, 13 órdenes y 4 clases (ANEJO IX). La mayoría de la riqueza se atribuye a las Aves (71%) las cuales fueron mayormente observadas sobre la vegetación existente y sobrevolando la propiedad y espacios adyacentes. En general la avifauna encontrada corresponde a la diversidad esperada en esta área del archipiélago de Puerto Rico.

Por otra parte, la herramienta para planificación y consulta (IPac, por sus siglas en inglés) del Servicio Federal de Vida Silvestre (USFWS por sus siglas en inglés), para las especies listadas en Puerto Rico, se advierte de la posible presencia en la zona, de:

a) Puerto Rican Boa: *Chilabothrus inornatus*

Para la especie *Chilabothrus inornatus*, aunque no fue observada en el terreno, recomendamos, por ser una especie de amplia distribución en Puerto Rico y de hábitos secretivos, se implemente el protocolo adjunto para minimizar/evitar impactos potenciales a las especies sensitivas mencionadas (Anejo X).

Conclusiones y recomendaciones:

a) No se detectó la presencia de especies de flora o fauna amenazadas o en peligro de extinción.
b) Implementar protocolos adjunto para minimizar/evitar impactos potenciales a especies sensitivas por los trabajos futuros en la parcela.

Bibliografía

Alberts, A., Carter, R., Hayes, W., & Martins, E. (2004). *IGUANAS: BIOLOGY AND CONSERVATION.* BERKELEY: UNIVERSITY OF CALIFORNIA PRESS.

Axelrod, F. S. (2011). *A systematic Vademecum to the Vascular Plants of Puerto Rico.* Texas: Brit Press.

Biaggi, V. (1997). *Las Aves de Puerto Rico.* San Juan: Editorial de la Universidad de Puerto Rico.

Buckley, L., de Queiroz, K., Etheridge, R., Hollingworth, B., Iverson, J., Pasachnik, S., & Stephen, C. (2016). A CHECKLIST OF THE IGUANAS OF THE WORLD (IGUANIDAE; IGUANINAE). *IGUANA WORKING GROUP, 11*(6), 4-46.

Ewel, J. J., & Whitmore, J. L. (1973). *The ecological life zones of Puerto Rico and the U.S. Virgin Islands.* San Juan: U.S. Department of Agriculture.

Gould, W. A., & et. al. (2008). *The Puerto Rico Gap Analysis Project.* San Juan: USDA.

Heyer, W., Donnelly, M. A., McDiarmid, R. W., Hayek, L.-A. C., & Foster, M. S. (1994). *Measuring and Monitoring Biological Diversity. Standard Methods for Amphibians.* Washington and London: Smithsonian Institution.

Joglar, R. L. (1998). *Los Coquíes de Puerto Rico: Su Historia Natural y COnservación.* San Juan: Editorial de la Universidad de Puerto Rico.

Liogier, H. A. (1985). *Descriptive Flora of Puerto Rico and Adjacent Islands.* San Juan: Editorial de la Universidad de Puerto Rico.

Little, E. L., & Wadsworth, F. H. (1964). *Common Trees of Puerto Rico and the Virgin Islands I.* Washingto D.C.: US FOrest Service Agricultural Handbook No. 249.

Little, E. L., Woodbury, R. O., & Wadsworth, F. H. (1974). *Trees of Puerto Rico and the Virgin Islands II.* Washington DC: US FOrest Service Agriculture Handbook No. 449.

McDiarmid, R., Foster, M., Guyer, C., Gibbons, W., & Chernoff, N. (2012). *REPTILE BIODIVERSITY: STANDARD METHODS FOR INVENTORY AND MONITORING.* LONDON: UNIVERSITY OF CALIFORNIA PRESS.

Oberle, M. W. (2010). *Puerto Rico's Birds in Photographs: A complete Guide and CD-ROm including the Virgin Islands.* Seattle: Editorial Humanitas.

Raffaele, H. A. (1989). *A Guide to the birs of Puerto Rico and the Virgin Islands.* London: Princeton.

Raffaele, H., Wiley, J., Garrido, O., Keith, A., & Raffaele, J. (1998). *A guide to the Birds of the West Indies.* New Jersey: Princeton University Press.

Rivero, J. (1998). *THE AMPHIBIANS AND REPTILES OF PUERTO RICO* (2nd ed.). SAN JUAN: UNIVERSITY OF PUERTO RICO.

Rodda, G. (1992). *The Mating Behavior of Iguana iguana.* Washington DC: Smithsonian Institution Press.

Sutherland, W. J. (1998). *Ecological Census Techniques.* Cambridge: Cambridge University Press.

ANEJO I: LOCALIZACION



N
W E
S

LOCATION MAP
(ARCGIS BASEMAPS)

0 62,5 125 250 375 500 Meters

1:5,000

ESCAMBRON SKATE PARK
@ PARQUE TERCER MILENIO
SAN JUAN, PUERTO RICO

GBA
Plan. Laredo González
MARCH/2023


Project SOW
PR-25 N Avenida Muñoz Rivera
Avenida Muñoz Rivera PR-25 N
Parque Luis Muñoz Rivera
DD
D
DV
VIAL
CR-H
CT
DA
P
PE
PF
C-2
100
200ft



N
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S

RELACION CON EL AREA DEL CARSO
(GIS.PR.GOV)

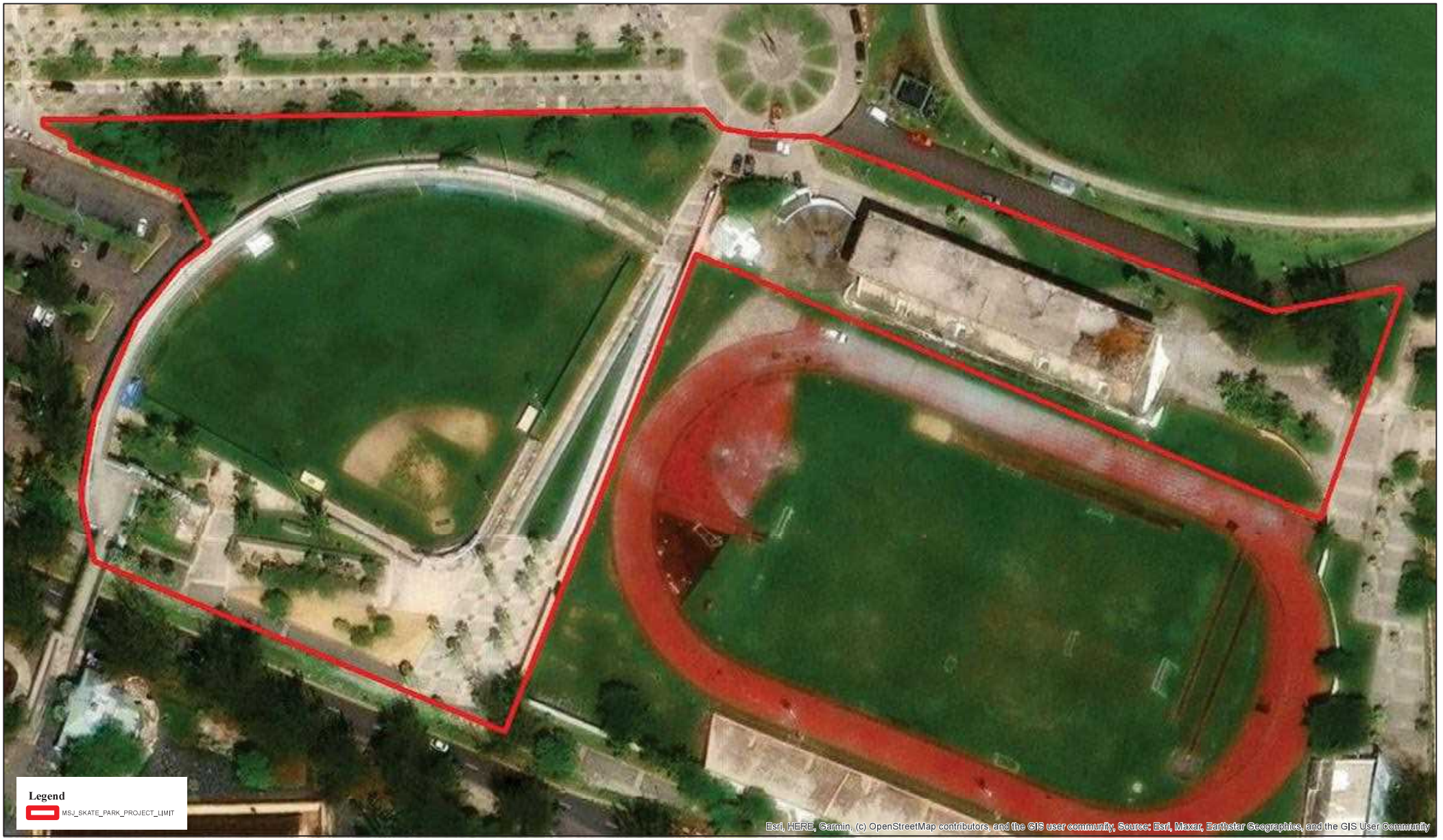
0 10 20 40 60 80 Meters

1:800

ESCAMBRON SKATE PARK
@ PARQUE TERCER MILENIO
SAN JUAN, PUERTO RICO

GBA
Plan. Laredo González
MARCH/2023

ANEJO II: CONDICIONES EXISTENTES



N
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IMAGEN SATELITAL
(ArcGis Basemaps)

0 10 20 40 60 80 Meters

1:800

ESCAMBRON SKATE PARK
@ PARQUE TERCER MILENIO
SAN JUAN, PUERTO RICO

GBA
Plan. Laredo González
MARCH/2023



N
W E
S

LAND COVER MAP
(GIS.PR.GOV)

0 10 20 40 60 80 Meters

1:800

ESCAMBRON SKATE PARK
@ PARQUE TERCER MILENIO
SAN JUAN, PUERTO RICO

GBA
Plan. Laredo González
MARCH/2023

ANEJO III: FLOODING MAP

National Flood Hazard Layer FIRMette

FEMA

66°5'43"W 18°28'13"N



66°5'6"W 18°27'39"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/8/2023 at 10:21 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

ANEJO IV: INVENTARIO NACIONAL DE HUMEDALES POTENCIALES

U.S. Fish and Wildlife Service
National Wetlands Inventory

SKATE PARK @ PARQUE TERCER MILE



March 8, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

ANEJO V: FLORA

FLORA INVENTORY			
ESCAMBRON SKATE PARK, PARQUE DEL TERCER MILENIO, SAN JUAN, PUERTO RICO (MARZO-2023)			
No.	FAMILY	*LATIN NAME*	COMMON NAME
1	ACANTHACEAE	*Ruellia brittoniana*	A LAS 12 ME VOY
2	AIZOACEAE	*Triathema portulacastrum*	VERDOLAGA
3	AMARANTHACEAE	*Achyranthes aspera*	RABO DE GATO
4	AMARANTHACEAE	*Amaranthus spinosus*	BLERO
5	AMARYLLIDACEAE	*Crinum asiaticum*	CRINUM
6	APOCYNACEAE	*Plumeria cujete*	RAMO DE NOVIA
7	ARACEAE	*Epipremnum aureum*	POTHOS
8	ARACEAE	*Syngonium podophyllum*	SYNGONIUM
9	ASPARAGACEAE	*Dracaena fragrans*	MASENGEANA
10	ASTERACEAE	*Cyanthillium cinereum*	RABO DE BUEY
11	ASTERACEAE	*Emilia fosbergii*	YERBA SOCIALISTA
12	ASTERACEAE	*Parthenium hyserophorus*	ESCOBA AMARGA
13	BIGNONIACEAE	*Spathodea campanulata*	TULIPAN AFRICANO
14	BIGNONIACEAE	*Tabebuia argentea*	ROBLE PLATEADO
15	BIGNONIACEAE	*Tabebuia heterophylla*	ROBLE BLANCO
16	BORAGINACEAE	*Cordia sebestena*	VOMITEL COLORADO
17	BROMELIACEAE	*Tillandsia recurvata*	NIDO DE GUNGULEN
18	BURSERACEAE	*Bursera simaruba*	ALMACIGO
19	CASUARINACEAE	*Casuarina equisetifolia*	CASUARINA
20	CHRYSOBALANACEAE	*Chrysobalanus icaco*	HICACO
21	CLEOMACEAE	*Cleome viscosa*	ARANA ASIATICA
22	COMBRETACEAE	*Conocarpus erectus*	MANGLE BOTON
23	COMBRETACEAE	*Terminalia catappa*	ALMENDRA
24	COMMELINACEAE	*Commelina diffusa*	COHITRE AZUL
25	COMMELINACEAE	*Tradescantia zebrina*	COHITRE VERDE-LILA

ESCAMBRON SKATE PARK, PARQUE DEL TERCER MILENIO, SAN JUAN, PUERTO RICO (MARZO-2023)			
26	COMPOSITAE	*Bidens pilosa*	ROMERILLO
27	CONVULVACEAE	*Merremia quinquefolia*	BATATILLA
28	CUCURBITACEAE	*Momordica charantia*	CUNDEAMOR
29	CYPERACEAE	*Cyperus odoratus*	CYPERUS DE OLOR
30	CYPERACEAE	*Cyperus rotundus*	COQUI
31	ERYTHROXYLACEAE	*Erythroxyllum aerolatum*	FALSA COCA
32	EUPHORBIACEAE	*Euphorbia heterophylla*	LECHECILLA
33	EUPHORBIACEAE	*Phyllanthus niruri*	QUININO DE POBRE
34	EUPHORBIACEAE	*Tragia volubilis*	PRINGAMOZA
35	FABACEAE	*Macroptilium lathyroides*	HABICHUELA PARADA
36	GUTTIFERACEAE	*Calophyllum calaba*	MARIA
37	LEGUMINOSAE-MIMOSOIDEAE	*Albizia procera*	ALBIZIA
38	LEGUMINOSAE-MIMOSOIDEAE	*Leucaena leucocephala*	ZARCILLA
39	LEGUMINOSAE-MIMOSOIDEAE	*Mimosa pudica*	MORIVIVI
40	LEGUMINOSAE-PAPILIONOIDEAE	*Crotalaria retusa*	CASCABEL
41	LILIACEAE	*Sansevieria trifasciata*	LENGUA DE VACA
42	MALVACEAE	*Sida acuta*	ESCOBITA DULCE
43	MALVACEAE	*Urena lobata*	CADILLO
44	MORACEAE	*Ficus retusa*	LAUREL DE LA INDIA
45	ONAGRACEAE	*Ludwigia octovalvis*	YERBA DE CLAVO
46	OXALIDACEAE	*Oxalis corniculata*	TREBOL
47	PALMACEAE	*Cariota mitis*	PALMA COLA DE PEZ
48	PALMACEAE	*Cocos nucifera*	PALMA DE COCO NATIVO
49	PALMACEAE	*Livistona rotundifolia*	PALMA DE ABANICO DE FIJI
50	PALMACEAE	*Phoenix roebelenii*	PALMA ROBELINI
51	PALMACEAE	*Roystonea borinquena*	PALMA REAL
52	PALMACEAE	*Veitchia merrillii*	ADONIDIA

ESCAMBRON SKATE PARK, PARQUE DEL TERCER MILENIO, SAN JUAN, PUERTO RICO (MARZO-2023)			
53	PALMACEAE	*Washingtonia filifera*	PALMA WASHINGTONIA
54	PALMACEAE	*Wodyetia bifurcata*	PALMA RABO DE ZORRA
55	PHYTOLACCACEAE	*Petiveria alliacea*	ANAMU
56	POACEAE	*Cenchrus equinatus*	GUISASO
57	POACEAE	*Chloris inflata*	PARAGUITA
58	POACEAE	*Dactyloctenium aegyptium*	YERBA EGIPCIA
59	POACEAE	*Eleusine indica*	PATA DE GALLINA
60	POACEAE	*Paspalum conjugatum*	HORQUETILLA
61	POACEAE	*Sporobolus indicus*	CERRILLO
62	POACEAE	*Sporobolus virginicus*	MATOJO DE PLAYA
63	POACEAE	*Urochloa maxima*	YERBA DE GUINEA
64	POACEAE	*Zoysia matrella*	GRAMA ZOYSIA
65	POLYGONACEAE	*Coccoloba uvifera*	UVA DE PLAYA
66	RUBIACEAE	*Ixora chinensis"nora grant"*	NORA GRANT
67	SOLANACEAE	*Cestrum diurnum*	DAMA DE DIA
68	STERCULIACEAE	*MelochIa pyramidata*	BRETONICA PIRAMIDAL
69	VERBENACEAE	*Citharexylum fruticosum*	PENDULA

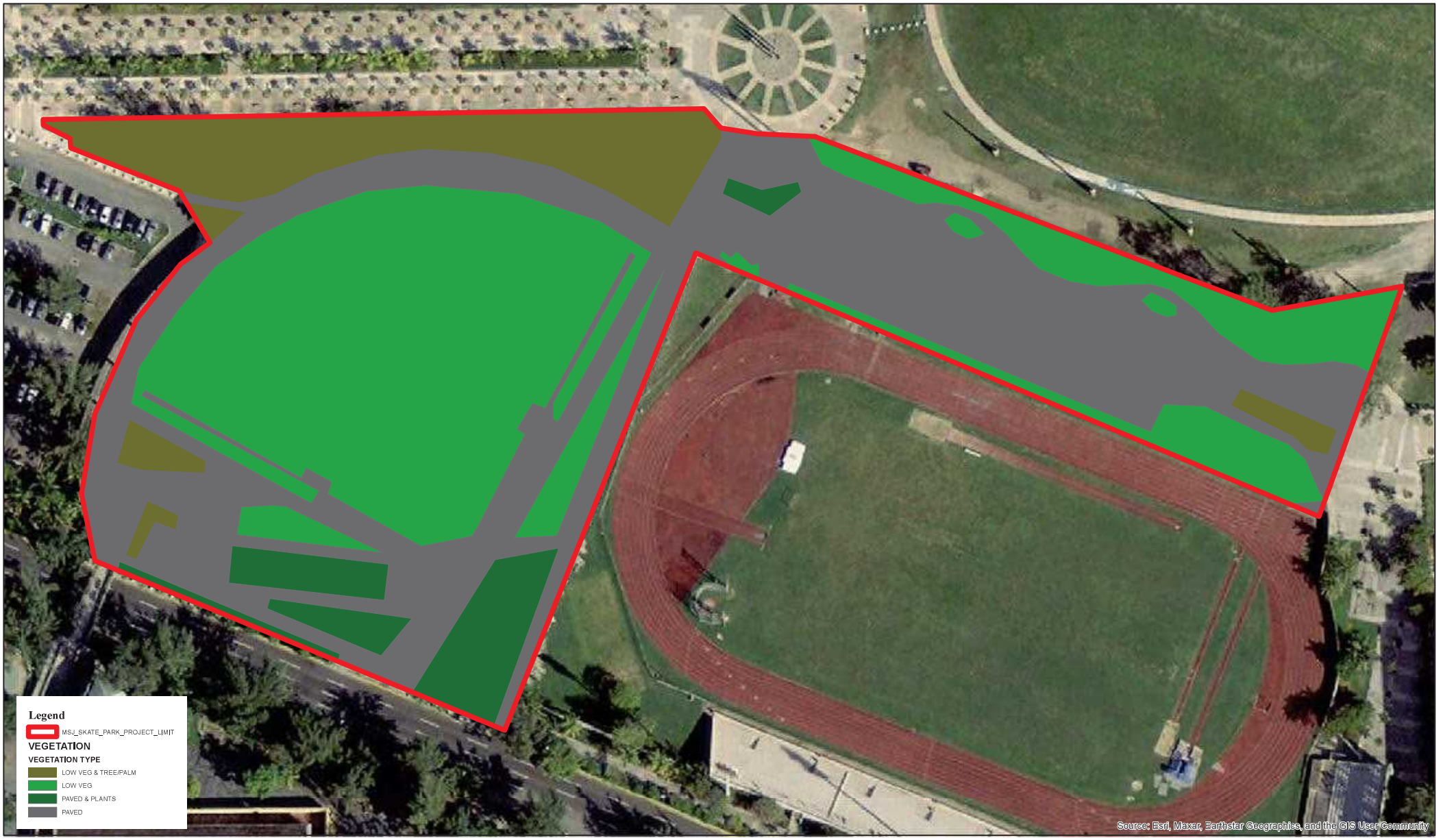
	FAMILY	SPECIES
1	ACANTHACEAE	1
2	AIZOACEAE	1
3	AMARANTHACEAE	2
4	AMARYLLIDACEAE	1
5	APOCYNACEAE	1
6	ARACEAE	2
7	ASPARAGACEAE	1
8	ASTERACEAE	3
9	BIGNONIACEAE	3
10	BORAGINACEAE	1
11	BROMELIACEAE	1
12	BURSERACEAE	1
13	CASUARINACEAE	1
14	CHRYSOBALANACEAE	1
15	CLEOMACEAE	1
16	COMBRETACEAE	2
17	COMMELINACEAE	2
18	COMPOSITAE	1
19	CONVULVACEAE	1
20	CUCURBITACEAE	1
21	CYPERACEAE	2
22	ERYTHROXYLACEAE	1
23	EUPHORBIACEAE	3
24	FABACEAE	1
25	GUTTIFERACEAE	1
26	LEGUMINOSAE-MIMOSOIDEAE	3
27	LEGUMINOSAE-PAPILIONOIDEAE	1
28	LILIACEAE	1
29	MALVACEAE	2
30	MORACEAE	1
31	ONAGRACEAE	1
32	OXALIDACEAE	1
33	PALMACEAE	8
34	PHYTOLACCACEAE	1
35	POACEAE	9
36	POLYGONACEAE	1

37	RUBIACEAE	1
38	SOLANACEAE	1
39	STERCULIACEAE	1
40	VERBENACEAE	1
	TOTAL	69

1	TIPOS VEGETALES	
2	ARBOL	14
3	PALMA	8
4	ARBUSTO	17
5	LIANA	7
6	HERBACEA	22
7	EPIFITA	1
8	HELECHO	0
	TOTAL	69

1	PROPORCION DE TIPOS VEGETALES	
2	HERBACEA	32%
3	ARBOL	20%
4	ARBUSTO	25%
5	LIANA	10%
6	PALMA	12%
7	EPIFITA	1%
8	HELECHO	0%
	TOTAL	100%

ANEJO VI: VEGETACIÓN



N
W E
S

VEGETATION MAP
(GIS.PR.GOV)

0 10 20 40 60 80 Meters

1:800

ESCAMBRON SKATE PARK
@ PARQUE TERCER MILENIO
SAN JUAN, PUERTO RICO

GBA
Plan. Laredo González
MARCH/2023

ANEJO VII: FAUNA

FAUNA INVENTORY

ESCAMBRON SKATE PARK, PARQUE DEL TERCER MILENIO, SAN JUAN, PUERTO RICO (MARZO-2023)

No.	CLASS	ORDER	FAMILY	LATIN NAME	COMMON NAME
1	AMPHIBIA	ANURA	BUFONIDAE	*Bufo marinus*	SAPO COMUN
2	AMPHIBIA	ANURA	LEPTODACTYLIDAE	*Eleutherodactylus coqui*	COQUI
3	AMPHIBIA	ANURA	LEPTODACTYLIDAE	*Leptodactylus albilabris*	RANA DE LABIOS BLANCOS
4	AVES	APODIFORMES	TROCHILIDAE	*Eulampis holosericeus*	ZUMBADOR PECHIAZUL
5	AVES	CHARADRIIFORMES	CHARADRIIDAE	*Charadrius vociferus*	CHORLITO SABANERO
6	AVES	CICONIIFORMES	ARDEIDAE	*Ardea alba egretta*	GARZA REAL
7	AVES	COLUMBIFORMES	COLUMBIDAE	*Columba livia*	PALOMA DOMESTICA
8	AVES	COLUMBIFORMES	COLUMBIDAE	*Columbina passerina*	ROLITA
9	AVES	COLUMBIFORMES	COLUMBIDAE	*Zenaida asiatica*	TORTOLA ALIBLANCA
10	AVES	COLUMBIFORMES	COLUMBIDAE	*Zenaida aurita*	TORTOLA CARDOSANTERA
11	AVES	FALCONIFORMES	ACCIPITRIDAE	*Buteo jamaicensis*	GUARAGUAO COLIRROJO
12	AVES	FALCONIFORMES	ACCIPITRIDAE	*Pandion haliaetus*	AGUILA PESCADORA
13	AVES	FALCONIFORMES	FALCONIDAE	*Falco columbarius*	FALCON MIGRATORIO
14	AVES	PASSERIFORMES	COEREBIDAE	*Coereba flaveola*	REINITA COMUN
15	AVES	PASSERIFORMES	EMBERIZIDAE	*Tiaris bicolor omissus*	GORRION NEGRO
16	AVES	PASSERIFORMES	ESTRILDIDAE	*Lonchura cucullata*	DIABLITO
17	AVES	PASSERIFORMES	ESTRILDIDAE	*Lonchura malacca*	MONJITA TRICOLOR
18	AVES	PASSERIFORMES	ESTRILDIDAE	*Vidua macroura*	VIUDA COLICINTA
19	AVES	PASSERIFORMES	HIRUNDINIDAE	*Petrochelidon fulva*	GOLONDRINA DE CUEVAS
20	AVES	PASSERIFORMES	ICTERIDAE	*Molothrus bonariensis*	TORDO LUSTROSO
21	AVES	PASSERIFORMES	ICTERIDAE	*Quiscalus niger*	MOZAMBIQUE
22	AVES	PASSERIFORMES	MIMIDAE	*Margarops fuscatus*	ZORZAL PARDO/CHUCHO
23	AVES	PASSERIFORMES	MIMIDAE	*Mimus polyglottos*	RUISENOR
24	AVES	PASSERIFORMES	PARULIDAE	*Dendroica adelaidae*	REINITA MARIPOSERA
25	AVES	PASSERIFORMES	PASSERIDAE	*Passer domesticus*	GORRION DOMESTICO
26	AVES	PASSERIFORMES	THRAUPIDAE	*Spindalis portoricensis*	REINA MORA
27	AVES	PASSERIFORMES	TURDIDAE	*Turdus plumbeus*	ZORZAL PATIRROJO

FAUNA INVENTORY

ESCAMBRON SKATE PARK, PARQUE DEL TERCER MILENIO, SAN JUAN, PUERTO RICO (MARZO-2023)

No.	CLASS	ORDER	FAMILY	LATIN NAME	COMMON NAME
28	AVES	PASSERIFORMES	TYRANNIDAE	*Tyrannus dominicensis*	PITIRRE
29	AVES	PELECANIFORMES	FREGATIDAE	*Fregata magnificens*	TIJERILLA
30	AVES	PELECANIFORMES	PELECANIDAE	*Pelecanus occidentalis*	PELICANO PARDO
31	AVES	PICIFORMES	PICIDAE	*Melanerpes portoricensis*	CARPINTERO DE PUERTO RICO
32	AVES	PSITTACIFORMES	PSITTACIDAE	*Myiopsitta monachus*	PERICO MONJE
33	MAMMALIA	CARNIVORA	CANIDAE	*Canis familiaris*	PERRO
34	MAMMALIA	CARNIVORA	FELIDAE	*Felis catus*	GATO DOMESTICO
35	MAMMALIA	RODENTIA	MURIDAE	*Mus musculus*	RAJIERO
36	MAMMALIA	RODENTIA	MURIDAE	*Rattus norvegicus*	RATA PARDA
37	REPTILIA	SQUAMATA	IGUANIDAE	*Anolis cristatellus*	LAGARTIJO COMUN
38	REPTILIA	SQUAMATA	IGUANIDAE	*Anolis pulchellus*	LAGARTIJO JARDINERO
39	REPTILIA	SQUAMATA	IGUANIDAE	*Anolis stratulus*	LAGARTIJO MANCHADO
40	REPTILIA	SQUAMATA	IGUANIDAE	*Iguana iguana*	IGUANA VERDE
41	REPTILIA	SQUAMATA	TEIDAE	*Ameiva exul*	SIGUANA COMUN

	CLASS	SPECIES
1	AMPHIBIA	3
2	AVES	29
3	MAMMALIA	4
4	REPTILIA	5
	TOTAL	41

71%

	ORDER	SPECIES
1	ANURA	3
2	APODIFORMES	1
3	CARNIVORA	2
4	CHARADRIIFORMES	1
5	CICONIIFORMES	1
6	COLUMBIFORMES	4
7	FALCONIFORMES	3
8	PASSERIFORMES	15
9	PELECANIFORMES	2
10	PICIFORMES	1
11	PSITTACIFORMES	1
12	RODENTIA	2
13	SQUAMATA	5
	TOTAL	41

	FAMILY	SPECIES
1	BUFONIDAE	1
2	ACCIPITRIDAE	2
3	ARDEIDAE	1
4	CANIDAE	1
5	CHARADRIIDAE	1
6	COEREBIDAE	1
7	PSITTACIDAE	1
8	COLUMBIDAE	4
9	FREGATIDAE	1
10	EMBERIZIDAE	1
11	ESTRILDIDAE	3
12	FALCONIDAE	1
13	FELIDAE	1
14	HIRUNDINIDAE	1
15	ICTERIDAE	2

	CLASS	SPECIES
16	IGUANIDAE	4
17	LEPTODACTYLIDAE	2
18	MIMIDAE	2
19	MURIDAE	2
20	PARULIDAE	1
21	PASSERIDAE	1
22	PICIDAE	1
23	TEIDAE	1
24	THRAUPIDAE	1
25	TROCHILIDAE	1
26	TURDIDAE	1
27	TYRANNIDAE	1
28	FREGATIDAE	1
	TOTAL	41

ANEJO VIII: PROTOCOLO ESPECIES SENSITIVAS

U.S. FISH AND WILDLIFE SERVICE
CARIBBEAN ECOLOGICAL SERVICES FIELD OFFICE

Conservation Measures for the Puerto Rican boa (*Chilabothrus inornatus*)

Section 7 (a)(1) of the Endangered Species Act (ESA) charges Federal agencies to aid in the conservation of listed species, and section 7 (a)(2) requires the agencies, through consultation with the U.S. Fish and Wildlife Service (Service), to ensure their activities are not likely to jeopardize the continued existence of listed species or adversely modify designated critical habitats. Section 7 applies to the management of Federal lands as well as Federal actions that may affect listed species, such as Federal approval of private activities through the issuance of Federal funding, permits, licenses, or other actions. Any person that injures, captures, or kills a Puerto Rico boa is subject to penalties under the ESA. If Federal funds or permits are needed, the funding or permitting agency should initiate Section 7 consultation with the Service. To initiate a consultation under the Section 7 of the ESA, you must submit a project package with the established minimum requirements. These conservation measures should be incorporated into the project plans to minimize possible impacts to the species.

The endangered Puerto Rican (PR) boa (*Chilabothrus inornatus*, formerly *Epicrates inornatus*) is the largest endemic snake species that inhabits Puerto Rico. The PR boa is non-venomous and does not pose any life threatening danger to humans, but some individuals may try to bite if disturbed or during capture or handling. Its body color ranges from tan to dark brown with irregular diffuse marking on the dorsum, but some individuals lack marking and are uniformly dark. Juveniles may have a reddish color with more pronounced markings. In general, as they mature, their body color tends to darken.



Adult PR boa – *Chilabothrus inornatus*
Photo: Puerto Rico by JP Zegarra

Last Revised: November 2020

The Puerto Rican boa was federally listed in 1970. Currently, the species has an island-wide distribution and occurs in a wide variety of habitat types ranging from wet montane to subtropical dry forest, and can be found from mature forest to areas with different degrees of human disturbance like roadsides or houses, especially if near their habitat in rural areas. This boa is considered mostly nocturnal, remaining less active, concealed or basking under the sun during the day.

The Service has developed the following conservation measures with the purpose of assisting others to avoid or minimize adverse effects to the PR boa and its habitat. These recommendations may be incorporated into new project plans and under certain circumstances into existing projects. Depending on the project, additional conservation measures can be implemented besides the ones presented in this document.

Conservation Measures:

1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site.

2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas.

3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area.

4. The PR boa is considered more active at night. Thus, in order to maximize its detection, the species should be searched at nights prior to habitat disturbance.

5. Once the area has been searched for PR boas, vegetation should first be cleared by hand to the maximum extent possible. Vegetation should be cut about one meter above ground prior to the use of heavy machinery for land clearing. Cutting vegetation by hand will allow boas present on site to move away on their own to adjacent available habitat. Any stone walls or naturally occurring rock piles must be carefully dismantled by hand as these are refuges for the snake. This will allow any boas present to vacate the site without injury.

6. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior.

7. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #6). **Do not capture the boa.** If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #s: ((787) 724-5700, (787) 230-5550, (787) 771-1124). If immediate relocation is not an option, project-related activities at this area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue.

8. If a PR boa is captured by the PRDNER, record the name of the PRDNER staff and information on where the PR boa will be taken. This information should be reported to the Service.

9. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #7). If not possible, the animal should be left alone until it leaves the vehicle on its own.

10. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future.

11. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #6). If the PR boa was accidentally? killed as part of the project actions, please include information on what conservation measures had been implemented and what actions that will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event.

12. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance.

If you have any questions regarding the above conservation measures, please contact the Service:

- Marelisa Rivera, Deputy Field Supervisor
  - Email: marelisa_rivera@fws.gov
  - Office phone (786) 244-0081 or mobile (305) 304-1814
- José Cruz-Burgos, Endangered Species Coordinator
  - Email: jose_cruz-burgos@fws.gov
  - Office phone (786) 244-0081 or mobile (305) 304-1386

Last Revised: November 2020

ANEJO IX: FOTOGRAFIAS DE CAMPO.



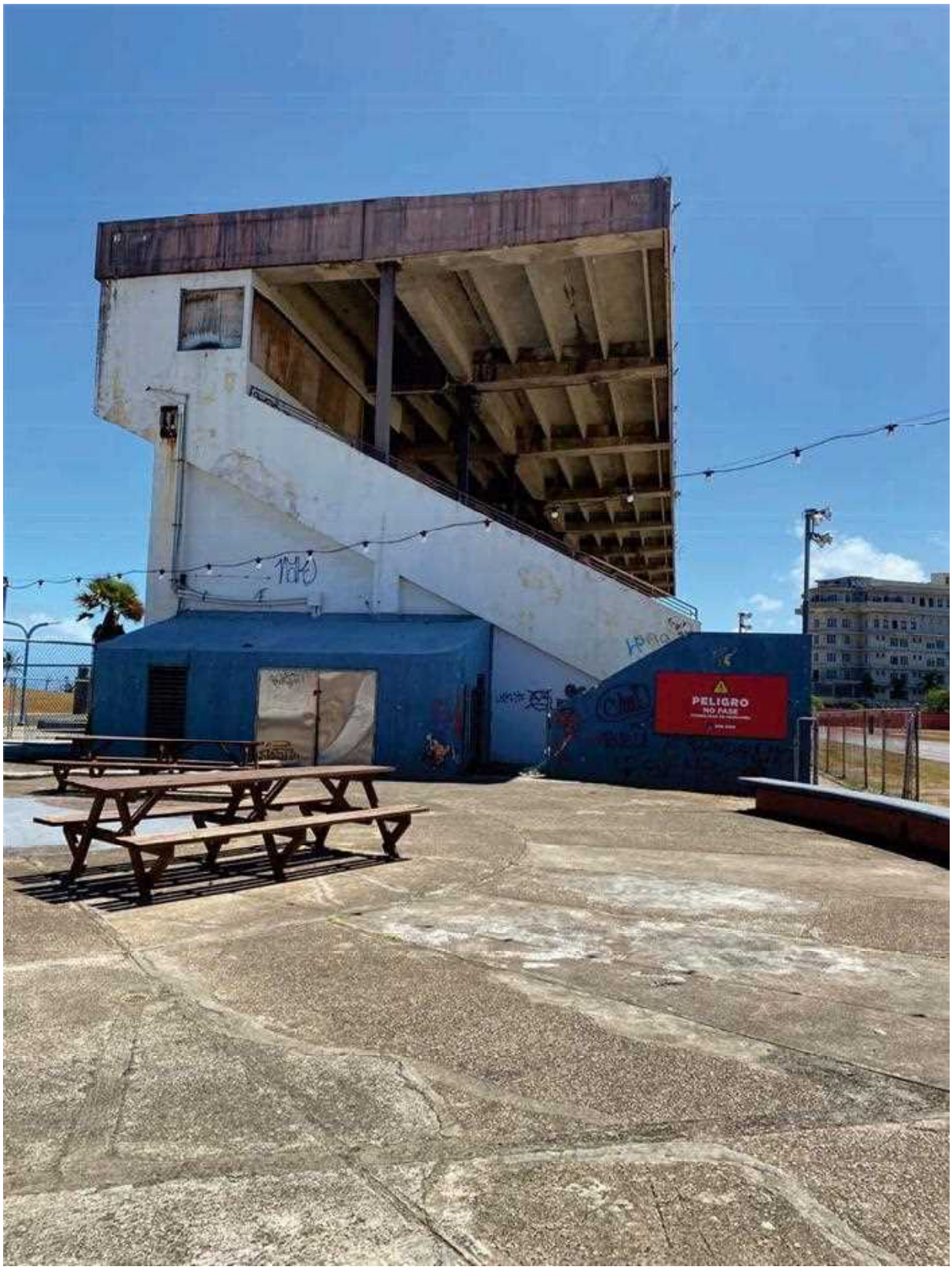








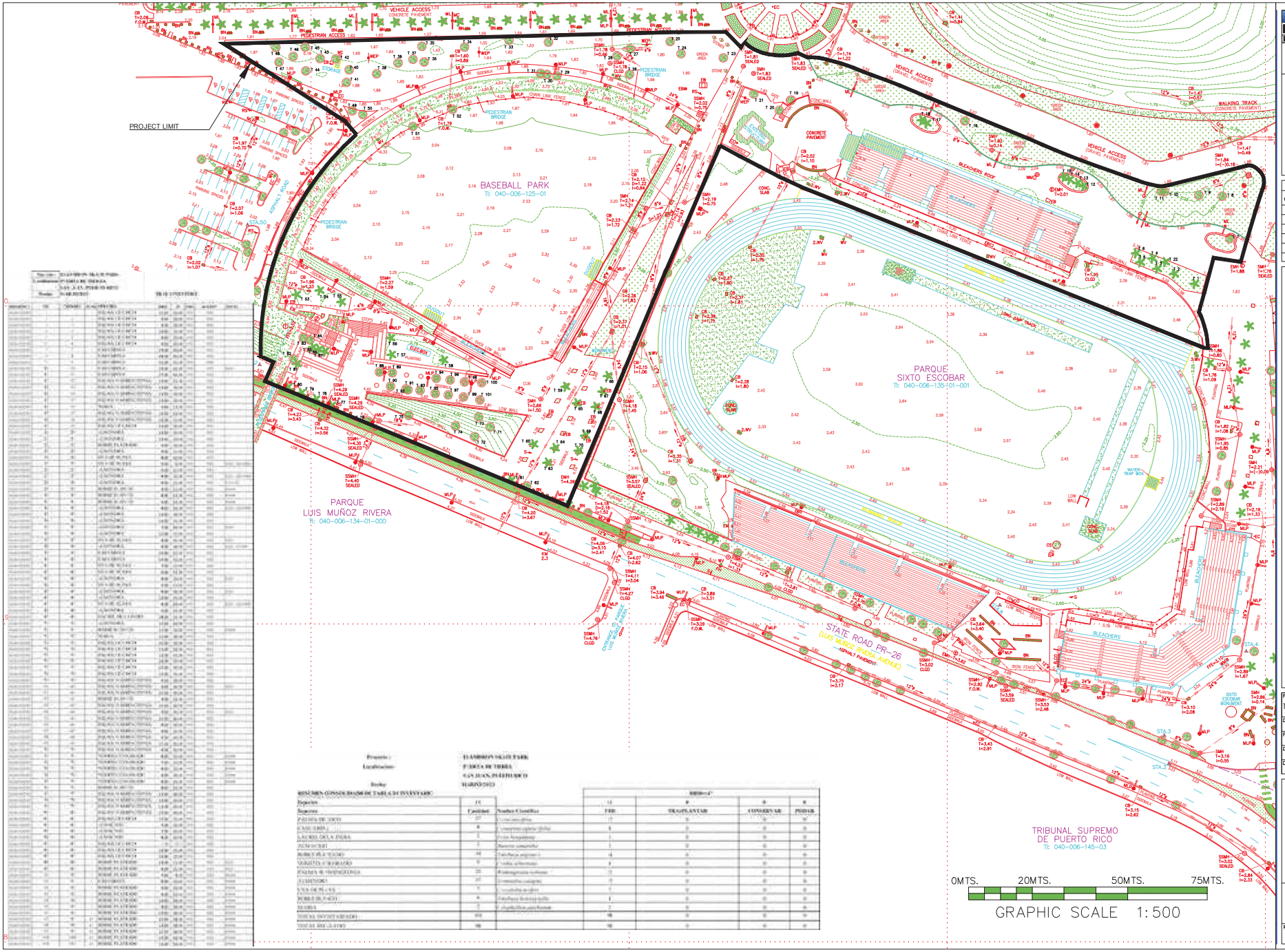



PELIGRO
NO PASE


PELIGRO



H-Tree Inventory Plan



MFORCE
Professional Land Surveyors
161 PONCE DE LEON AVE, SUITE 304,
HATO REY WARD, SAN JUAN PR 00917
TEL: 787-548-1461,
email: INFO@MFORCEGROUP.COM

REVISIONS

NO.	DESCRIPTION	DATE:

TREE INVENTORY PLAN
ESCAMBRON SKATE PARK
TERCER MILENIO PARK
LOCATED AT LUIS MUÑOZ RIVERA AVENUE
OLD SAN JUAN, SAN JUAN, PUERTO RICO

FILE NAME:	TREE INVENTORY LS-2315 Escambron-Skate Park rev
DRAWN BY:	LGS
FIELD DATA BY:	LGS
DRAWING SCALE:	1:500
DATE:	MARCH, 2023

DRAFT

ACP - 1

PAGE NUMBER:	OF:
1	1

I- PRDNER (0-SE-CCH01-SJ-02537-03052023 and 2022-463298-SRM-062003)

GOBIERNO DE PUERTO RICO
DEPARTAMENTO DE RECURSOS NATURALES Y AMBIENTALES

JUL 0 7 2023

ARQ ISTRA HERNANDEZ CABAN
P O BOX 361090
SAN JUAN, PR 00936
istraher@hernandez-bauza.com

Estimada arquitecta Hernández Cabán:

Certificación para Categorización de
Hábitats Naturales para la Vida Silvestre
Escambrón Skate Park
Parque del Tercer Milenio
Ave. Luis Muñoz Rivera Intersección Calle San Agustín
Sector Puerta de Tierra
Bo. Viejo San Juan, San Juan
O-SE-CCH01-SJ-02537-03052023

El Departamento de Recursos Naturales y Ambientales (DRNA) evaluó una Solicitud de Certificación para Categorización de Hábitats Naturales para la Vida Silvestre para el proyecto de epígrafe. La misma fue evaluada de acuerdo con las disposiciones aplicables relacionadas con la fauna, la flora y sus hábitats de la Ley 416 del 2004, según enmendada (*Ley Sobre Política Pública Ambiental*), la Ley 23 del 1972, según enmendada (*Ley Orgánica del Departamento de Recursos Naturales y Ambientales de Puerto Rico*), la Ley 150 de 1988, según enmendada (*Ley del Programa de Patrimonio Natural de Puerto Rico*), la Ley 314 de 1998 (*Ley para Declarar la Política Pública sobre Humedales y Designación de Caño Tiburones como Reserva Natural*), la Ley 292 del 1999 (*Ley para la Protección de la Fisiografía Cársica de Puerto Rico*) y su Reglamento 8486 de 2014 (*Plan y Reglamento del Área de Planificación Especial del Carso*) y la Ley 241 del 1999, según enmendada (*Nueva Ley de vida silvestre de Puerto Rico*) y sus Reglamentos 6765 de 2004 (*Reglamento para regir la conservación y el manejo de la vida silvestre, las especies exóticas y la caza en el Estado Libre Asociado de Puerto Rico*) y 6766 del 2004 (*Reglamento para regir las especies vulnerables y en peligro de extinción en el Estado Libre Asociado de Puerto Rico*), así como de la Orden Administrativa del DRNA 2010-09 y el *Puerto Rico State Wildlife Action Plan* del DRNA, adoptado en Septiembre, 2015. En cuanto al Inventario de flora y fauna incluido en la solicitud, encontramos que cumplió satisfactoriamente con las disposiciones aplicables del Reglamento 6765, *supra*, documentando de forma representativa la flora y la fauna del lugar.

El predio del proyecto tiene una cabida de 7.7 cdas (30,091 metros cuadrados). Es un predio dotacional urbano desarrollo, ocupado por facilidades deportivas y recreativas. Está sito en el Área de Planificación Especial del Carso (APE-ZC). Se propone la demolición de las estructuras existentes y la construcción de

una nueva facilidad recreativa. No hay reportes de especies de flora o fauna Vulnerables o En Peligro de Extinción.

Como resultado de dicha evaluación, hemos categorizado el predio como **Hábitat Natural con Bajo Potencial de Convertirse en Hábitat Esencial, Hábitat de Alto Valor Ecológico o Hábitat de Valor Ecológico (Categoría 6).** El Artículo 2.03 del Reglamento 6765, supra, establece lo siguiente para esta categoría:

"La meta de la mitigación es minimizar el impacto al hábitat. El Departamento deberá actuar para alcanzar las metas de la mitigación de hábitat recomendando o exigiendo acciones que minimicen la pérdida directa de hábitat y que evite impacto a otro hábitat fuera del área a impactarse."

Este documento es una calificación de los hábitats naturales sitos en el predio de epígrafe, requerida por los estatutos legales vigentes. **No constituye un permiso para la construcción u operación del proyecto propuesto.**

Esta certificación es solamente aplicable a la situación de hechos según presentados y evaluados en el caso y la Secretaria se reserva el derecho de evaluar, variar o modificar el mismo en cualquier momento anterior a la emisión del permiso o la acción administrativa correspondiente por parte de la agencia solicitante o proponente, de surgir nueva información oficial especifica estableciendo que el derecho aplicable o las condiciones ambientales en el predio han cambiado sustancialmente o cuando la certificación original se emitió bajo premisas falsas o fraudulentas.

Si tiene alguna pregunta o necesita orientación sobre este asunto, puede escribirnos a la dirección indicada o comunicarse al teléfono 787-999-2200 extension 2846.

Cordialmente,

Mercemar Rodríguez Santiago
Secretaria Auxiliar
Secretaría Auxiliar de Permisos, Endosos y Servicios Especializados

GOBIERNO DE PUERTO RICO
DEPARTAMENTO DE RECURSOS NATURALES Y AMBIENTALES

AUG 15 2023

LCDO FÉLIX RIVERA TORRES
SECRETARIO AUXILIAR INTERINO
OFICINA DE GERENCIA DE PERMISOS
PO BOX 41179
SAN JUAN, PR 00940-1179

Atención: Gerente de Medio Ambiente

Estimado licenciado Rivera:

Escambrón Skatepark
Parque del Tercer Milenio Puerta de Tierra
Luis Muñoz Rivera Ave.
Viejo San Juan, San Juan

2022-463298-SRM-062003
O-NE-EAR08-SJ-01401-10112022

O-SE-CCH01-SJ-02537-03052023

El Departamento de Recursos Naturales y Ambientales (DRNA) recibió por medio electrónico los documentos relacionados a la consulta identificada en el epígrafe. Se propone la remodelación de un área parcial del Parque del Tercer Milenio que incluye el Parque de Pelota existente con una superficie de 62.000 pies cuadrados y el corredor paralelo a la pista de atletismo. En este corredor se incluye el derribo de las gradas de hormigón en el lado norte de la pista de atletismo, que se encuentran en un alto grado de deterioro, y los dos soportes con banquillos en el campo de béisbol. En la parte sur del estadio se desarrollará el *Skatepark*, dejando un campo abierto con césped sobre el lado norte. Se seleccionó esta área porque a medida que avanza hacia el norte, el nivel freático se vuelve más cercano a la superficie. El corredor existente a lo largo de la pista se remodelará para acomodar un lineal infantil y un parque pasivo con elementos de juego. En el resto de los espacios libres se mejorarán los pavimentos y se mantendrá el paisajismo. La única estructura a construir sobre el nivel del terreno serían dos baños para los usuarios del parque.

Se reconoce que el área propuesta para el proyecto se encuentra previamente impactada. A esos efectos, el DRNA no tiene objeción al proyecto propuesto. No obstante, se deberá cumplir con lo siguiente:

- El 7 de julio de 2023, el DRNA emitió una Certificación para Categorización de Hábitats Naturales para la Vida Silvestre número O-SE-CCH01-SJ-02537-03052023. Como resultado de dicha evaluación, se categorizó el área del Proyecto como Hábitat Natural con Bajo Potencial de Convertirse en Hábitat Esencial, Hábitat de Alto Valor Ecológico o Hábitat de Valor Ecológico (Categoría 6). Se deberá reforestar las áreas verdes del proyecto con especies de flora nativas o endémicas.

- En las cercanías de la propiedad se ha detectado anidación de tortugas marinas, por tal razón la iluminación del lugar debe planificarse de forma tal que su efecto en las tortugas marinas sea mínimo. En los estudios realizados, se ha encontrado que las luces de baja presión tienen un efecto mínimo en la orientación de estas tortugas. Además, que se utilicen sistemas de viseras en dichas luces de forma tal que la iluminación se dirija hacia el suelo y no hacia la costa.

- El predio objeto de desarrollo ha sido identificado como Zona Inundable AE y Zona A Costera por los Mapas de Niveles de Inundación Base Recomendados preparados por la Agencia Federal para el Manejo de Emergencias (Hoja C0355J), adoptados por la Junta de Planificación según la Resolución Núm. ABFE-02 del 11 de julio de 2018. La Zona A Costera según definida en el ADDENDUM del Reglamento de Planificación Núm. 13, Reglamento sobre Áreas Especiales de Peligro a Inundación, Octava Revisión (Reglamento Núm. 9238 del 9 de diciembre de 2020), es la porción del área especial de riesgo de inundación recomendado que comienza en la zona VE y se extiende tierra adentro hasta el límite de acción moderada de la ola. La zona A Costera está sujeta a olas con altura de 1.5 y 3 pies, efectos de oleaje, flujos con velocidades, erosión y socavación, o la combinación de estas fuerzas. A esta zona según el ADDENDUM, le aplican las disposiciones establecidas en la Sección 8 del Reglamento Núm. 13 para la Zona VE y cualquier otra sección que establezca política pública en Zona VE. Asimismo, para la Zona AE se deberá cumplir con las disposiciones del Reglamento Núm. 13.

- Se deberá consultar la aplicabilidad de una exclusión categórica para el proyecto, tomando en cuenta la condición de inundabilidad del predio objeto de desarrollo.

- Se deberá cumplir con el Reglamento sobre Normas de Diseño, Criterios y Mantenimiento para Sistemas de Alcantarillados Pluviales en Puerto Rico (Reglamento de Planificación Núm. 40 del 18 de abril de 2023).

- Deberá disponer de todos los materiales y escombros removidos de la demolición del área en un vertedero certificado u otra facilidad aprobada para ese propósito.

- Implementar todo tipo de medidas disponibles (Plan CES, el "Storm Water Pollution Prevention Plan-SWPPP", filtros, pacas de heno, etc.) para el control de sedimentación y escorrentías que puedan afectar la zona costera. Se deberán implantar las mejores prácticas posibles (BMPs, por sus siglas en inglés) a ser ejecutadas durante cada etapa del proyecto. Las BMPs son las técnicas (zonas de amortiguamiento, cortinas de retención de sedimento, estanques de detención, surcos, etc.), programación de actividades, prácticas prohibidas, y procedimientos de mantenimiento para prevenir o reducir las descargas de contaminantes a los cuerpos de agua cercanos que pudieran afectarse durante la construcción. Asimismo, se deberán tomar medidas para evitar que residuos de sustancias orgánicas e inorgánicas tales como: aceite: combustibles y otras sustancias químicas, puedan ser arrastradas por la escorrentía y ganen acceso a la zona costera o se infiltren en el terreno.

- Deberá cumplir con las disposiciones del Reglamento para el Control de Contaminación Atmosférica, el Reglamento para el Control de la Contaminación por Ruido, el Reglamento de Estándares de Calidad de Agua, el Reglamento para el Control y la Prevención de la Contaminación Lumínica y el Reglamento para el Manejo de Desperdicios Sólido No Peligrosos y el Reglamento para el Trámite de Permisos Generales, así como obtener los permisos correspondientes relacionados a dichos reglamentos.

- Deberá cumplir con las disposiciones de la Regla 3.4.1 ("Permiso Único Incidental Operacional"), la Sección 5.1.9.3 ("Manejo de Aguas Pluviales") y la Sección 5.1.9.4 ("Obras Pluviales) del *Reglamento*

Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operación de Negocios (Reglamento Núm. 9473, con vigencia del 16 de junio de 2023, adoptado por la Junta de Planificación mediante la Resolución JP-RP-41, del 16 de junio de 2023).

- Según la página "Information for Planning and Consultation" (IPaC) del Servicio Federal de Pesca y Vida Silvestre (USFWS), el área que cubre este proyecto está situada dentro del alcance de la distribución geográfica de la boa de Puerto Rico (*Chilabothrus inornatus*) especie en peligro de extinción a nivel federal y estatal. Por lo que, de encontrarse individuos de dicha especie dentro de la propiedad los mismos deberán ser removidos y reubicados por los biólogos del DRNA o los miembros del Cuerpo de Vigilantes de Recursos Naturales y Ambientales o por biólogos de vida silvestre bajo contrato con la parte proponente por servicios profesionales que cuenten con un permiso federal del *Fish and Wildlife Service*, y que el DRNA haya designado explícitamente como sus agentes para ese propósito. El proceso para la autorización del biólogo se rige por el Reglamento 6766 de 11 de febrero de 2004 (Reglamento para Regir la Conservación y Manejo de las Especies Vulnerables y en Peligro de Extinción en del Estado Libre Asociado de Puerto Rico). Este proceso se lleva a cabo en el DRNA y no en la OGPe o a través de ésta. La reubicación de los individuos encontrados deberá producirse no más tarde de las 24 horas (o el próximo día laborable) a partir del momento en el que se informa el hallazgo y, hasta donde sea práctico y viable, los mismos serán reubicados en terrenos cercanos a la propiedad.

- Se deberá establecer un programa de reforestación utilizando especies nativas que además de ayudar a minimizar la erosión beneficien la vida silvestre. Esta medida es cónsona con la Ley para Fomentar la Siembra de Árboles Cuyas Frutas y/o Semillas Provean Alimento a Especies de Aves Silvestres de Puerto Rico (Ley Núm. 97 de 24 de junio de 1998), la cual establece lo siguiente: "En todo proyecto de reforestación en que se utilicen fondos públicos o privados, o en una combinación de estos, un 15% en las áreas rurales y un 10% en las áreas urbanas del total de árboles a ser sembrados, serán de especies cuyas frutas y/o semillas sirvan de alimento a las aves silvestres que residan temporal o permanentemente en ésta".

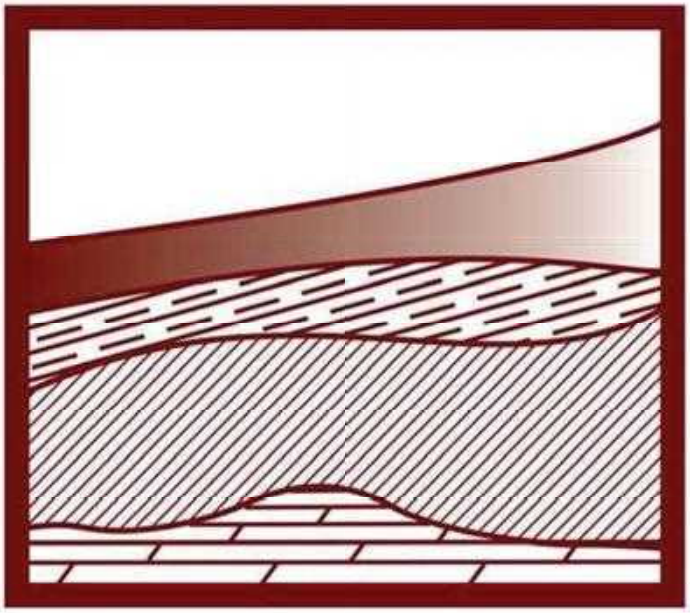
Este endoso es solamente aplicable a la situación de hechos y los datos según presentados y evaluados en el caso y la Secretaria se reserva el derecho de reevaluar, variar o modificar el mismo en cualquier momento anterior a la emisión del permiso o la acción administrativa correspondiente por parte de la agencia solicitante o proponente cuando surja nueva información oficial específica estableciendo que el derecho aplicable o las condiciones ambientales en el predio han cambiado sustancialmente, o cuando el mismo se emitió bajo premisas falsas o fraudulentas.

Cordialmente,

Mercemar Rodríguez Santiago
Secretaria Auxiliar
Secretaría Auxiliar de Permisos,
Endosos y Servicios Especializados

MRS/GFS/ACH

J-Geotechnical analysis



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DESPIAU ASSOCIATES
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Report for the Subsurface Exploration and Geotechnical Services For the Proposed Escambrón Skate Park Facilities at San Juan Antiguo Ward of the Municipality of San Juan, Puerto Rico.

Job No. DA/22S4201

November 10, 2022

Prepared for:

Hernández-Bauza, PSC - Architects
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Práctica de:	Ingeniería
Licencia:	17343
Renglón:	Servicio Profesional
Descripción del Trabajo:	Asesoramiento y Consultoría en Ingeniería
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Número de Serie:	3543-4821-1963-9506
Número de Caso:	DA/22S4201
Proyecto / Unidad:	Proposed Escanbrón Skate Park Facilities - San Juan
Rol del Profesional:	Consultor

Certificación:

El profesional certifica con la emisión de la estampilla digital especial del Colegio de Ingenieros y Agrimensores de Puerto Rico el haber cumplido con las disposiciones de la Sección 11 de la Ley 319 del 15 de mayo de 1938, según enmendada.

La colocación del sello profesional constituye la cancelación de la estampilla digital especial

DESPIAU ASSOCIATES
Consulting Geotechnical Engineers

November 10, 2022

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Attn: Ms. Istra Hernández Cabán, RA, AIA

Subject: Proposed Escambrón Skate Park Facilities at San Juan Antiguo Ward of the Municipality of San Juan, Puerto Rico. Reference No. DA/22S4201

Dear Mrs. Hernández-Cabán:

As requested, we have completed the Subsoil Exploration and Geotechnical Engineering Analyses for the Proposed Escambrón Skate Park Facilities at San Juan Antiguo Ward of the Municipality of San Juan, Puerto Rico.

The work was undertaken at your request and was made in accordance with Proposal No. DA/09-17-22 for the subsurface exploration dated September 16, 2022. The work was made following the acceptance of our service proposal and the order to proceed was received.

This report presents the results of the field exploratory drilling, laboratory tests performed on secured soil samples, engineering analyses, summary of findings, geotechnical assessments and foundation recommendations for the proposed skate park facilities at the site. The geotechnical report is being submitted with this transmittal letter.

It has been a pleasure to have been of your assistance in this project.

Respectfully Submitted,

DESPIAU ASSOCIATES

Jose R. Despiau, PE.
Geotechnical Engineer

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I. INTRODUCTION

This report presents the results of the field exploratory drilling, laboratory tests performed on secured soil samples, engineering analyses, summary of findings, and geotechnical assessments and foundation design recommendations for the Proposed Escambrón Park facilities presently contemplated. This report has been prepared for the exclusive use of the A/E Design Firm involved in the preparation of the site engineering design plans and specifications.

The present test boring program included the advancement of two (2) Standard Penetration Test Borings [Borings 301 & 302] in addition to five (5) previously performed by Despiau Associates Corp. [Borings 201 through 204 and 110] to establish the profile data at the specific explored locations for the present geotechnical engineering review. The Site Location along with the Geological Survey Map and Boring Location Plan of the borings performed are included in Appendix A of this report.

Soil sampling was performed continuously in the upper 10 ft. and thereafter, at approximately five-foot intervals. All soil samples were taken with a 2"-O.D. split barrel sampler following the standard penetration test procedures in ASTM D-1586. Penetration resistance from the standard penetration tests are recorded in the "N" column of the boring logs. The record of the driving process of the string of rods and sampling were also recorded in the boring logs which are included in Appendix 1 of this report.

The procedures used for the laboratory tests, as well as the routine and special laboratory procedures used for the determination of the index soil properties are also contained in the Appendix (1) to this report.

II. PROJECT INFORMATION

2.1 Project Description

ITEM	DESCRIPTION
Site layout	Refer to the Site Location, Geologic Map and Boring Location Plan (Figures 1 through 2 of Appendix A)
Structure	The proposed project entails the construction of a Skate Park Facilities over the existing little league baseball park and several pedestrian trails all throughout the site. In addition, a single-story entrance Arcade with restrooms will also be constructed. ***BY NO MEANS***, should the herein recommendation shall be considered adequate for any other structure or offsite structure not mentioned in this report unless they are reviewed by the undersigned.
Building construction	The proposed structures shall be founded over a mat type of foundation, intermediate foundations, i.e., Rammed Aggregate Piers, Also, considering the proposed grading elevations, which entail raising the existing grade, the new skate Bowls and plaza may be constructed over Expanded Polystyrene Fill (EPS), commonly referred as "Geofoam".
Grading in Building Areas	Based on the grading plans submitted for the present review, the site will be raised some 0.5 to about 5.5 ft., to allow the construction of the proposed skate Bowls. Nevertheless, it is of up most importance that the existing grade nor any structure be lower than 1.5 ft. beneath the existing grade prevailing during the field exploration, otherwise special dewatering techniques during the excavation phase of construction due to high groundwater level of the site. Also considering the subsurface soil conditions of the site, new and/or additional fill sections **SHALL BE AVOIDED** and should be evaluated from the designer's viewpoint for the long-term performance of the surrounding lands, and any existing structures (e.g., pedestrian bridge) or new structures. Therefore, considering the site has to be raised, then the use of EPS lightweight fill block (i.e., Geofoam) are being recommended. Further discussion of the EPS will be discussed in the following sections of this report. ***IN NO CASE*** shall a cut/fill scenario within the footprint of any structure shall be allowed.

Retaining walls	No retaining wall is presently contemplated, moreover considering the site will be raised with EPS Geofoam, the lateral earth pressure is considered negligeable, should any these circumstances arise. Nevertheless, should any wall be proposed the undersigned shall be contacted an allow to provide any recommendations, from the geotechnical standpoint, as he deem necessary.
Cut and fill slopes	Any fill or cut slope shall be constructed to a slope ratio not steeper than 2.0 horizontal to 1.0 vertical (2H:1V) and protected against erosion.

2.2 Site Location and Description

ITEM	DESCRIPTION
Location	The proposed project is located at the existing little league baseball park in the Escambrón Park facilities which lie on State Road PR-26 (Luis Muñoz Rivera Avenue) at San Juan Antiguo Ward of the Municipality of San Juan, Puerto Rico.
Existing topography	Based on the plans submitted for the present review, the Site is a relatively level gently sloping towards the north-northeast towards the Escambrón Beach. Thus, all surface runoffs should drain towards the north-northeast of the site until merging into the Atlantic Ocean.
Existing Conditions	The proposed project is located at the existing little league baseball park in the Escambrón Park facilities to the north of State Road PR-26 (Luis Muñoz Rivera Avenue). The present design scheme entails the demolition of several existing structures. Therefore, although not expected, encountering underground structures (e.g., utilities, foundations, etc..) during the earthwork and/or foundation installation phase of construction cannot be ***discarded***.

III. FIELD SUBSURFACE AND SAMPLING PROGRAM

3.1 Geological Units

Based on the available US Geological Survey Map I-1010, of the San Juan Quadrangle prepared by Messrs. Maurice H. Pease, Jr. and Watson H. Monroe (1977), the units that outcrop at and in the site's, vicinity are the following:



Figure 1 – US Geological Survey Map I-1010 superimposed over an Aereal Photograph courtesy of Google Earth. The complete Geological Survey Map is included in Figure 1A of Appendix A.

- **Beach Deposits (Holocene) (Qb)** - Identified as sand composed of grains of quartz, volcanic rock and shells. It is found to the east at Escambrón Headland.

- **Eolianite (Holocene and Pleistocene) (Qe)** - Identified as calcareous sandstone, well-cemented, crossbedded, composed of fine to coarse grains of shell fragments and quartz.

Refer to the US Geological Survey – Geologic Map is included in Appendix A, Figure 1A.

3.2 Stratigraphic Units

Specific conditions encountered at the boring locations are indicated on the individual boring logs. Stratification boundaries on the boring logs represent the approximate location of changes in soil types; the transition between materials may be gradual. Details for each of the borings can be found on the boring logs included in Appendix 1 of this report. Based on the results of the borings, subsurface conditions of the project site can be generalized as follows:

Table 1 – General Subsurface Profile – Borings 201 – 204 & 301 - 302

Description	Material Encountered	Soil Density and Consistency
Stratum 1 (0 to 10.0 ft.)	Clayey sand, trace clay, sand, sandy clay, and silty sand with variable amount of cemented sand. Few roots at ground surface were found in some of the borings of exploration. Asphalt was encountered in Boring 301 between 2 and 4 ft. in depth.	Loose to V. Dense
Stratum 2 [1] (10.0 to 30.0 ft.)	Silty sand, sand, silty clayey sand, and peat with few shells. Organic content varying between 0.79 to 71.37 percent.	V. Loose to Medium
Stratum 3 (≥ 30.0 ft.)	Deeper into the profile alternating layers of sandy silt, silty clay, and calcareous sandstone fragments.	Loose to Very Dense/Hard

NOTE:

[1] This layer extended up to 20.0 ft. in Boring 201, 203 and up to 15.0 ft. n Boring 302

Laboratory tests were conducted on selected soil samples and the test results are presented in Appendix 3. Soil classification test on random samples show AASHTO Class type A-1-b, and A-2-4 (SM, SP-SC, and SC-SM as per USCS.

3.3 Groundwater

At the borings of exploration, the ground water level was initially found varying from 6.0 to 8.0 ft.; however, upon completion of the borings they were measured at an average depth of 5.57 ft., but as high as 3.0 ft. in Boring 302. Regardless, experience at the site dictate the ground water shall correspond to the adjacent body of water (i.e., Atlantic Ocean). All the depths were established after the boring were completed and were measured from the existing ground surface prevailing during the period of the field work. The following table summarizes the groundwater levels as found during the field exploration.

Table 2 – Summary of Ground Water Levels During and After Drilling Completion

Description	Initial Depth to Ground Water (Ft.)	Depth to Ground Water after Completion (Ft.)
201	8.0	8.0
202	6.0	5.8
203	6.0	6.0
204	8.0	5.0
301	6.0	5.0
302	6.0	3.0
110	6.0	6.0

Groundwater level fluctuations occur due to seasonal variations in the amount of rainfall, runoff, tidal variations, and other factors not evident at the time the borings were drilled. It is logical to expect variation of the groundwater level as they will be influenced by the adjacent bodies of water (i.e., Escambrón Beach and Atlantic Ocean) found north of the site.

Although not presently contemplated, considering the presently design scheme, dewatering might be necessary during the excavation phase of the project depending on the actual groundwater level of the adjacent bodies of water and the final bottom foundation elevation to be established.

Groundwater levels during construction or at other times throughout the lifespan of the structures may be higher or lower than the levels indicated in the boring logs. The possibility of groundwater level fluctuations should be considered when developing the design and construction plans for the project.

Experience at the site revealed the average ground water is at an average depth of 5.50 ft. below the existing grade. ***IT IS HIGHLY RECOMMENDED*** the bottom foundation elevation of the proposed structures, in the Escambrón Skate Park facilities, be ***NOT*** lower than 1.0 meter below the existing grade.

Otherwise, dewatering methods may have to be implemented if there is need for control of water pressures and/or flows. The objectives of lowering the ground water level are to keep the excavations bottom dry, to prevent leakage of water, to avoid sand boiling or upheaval failure, and to prevent the occurrence of floating basements. Therefore, should it be required, the

design of any excavation shall consider these considerations as well as dewatering techniques which may be required.

Regardless, an underdrain beneath the complete footprint of the proposed skate park facilities shall be provided. The underdrain shall have a minimum thickness of 12.0 inches, composed of bluish gray crushed stone with diameters not greater than 1.5 inches. The under drain shall be connected to the project's storm sewer system.

IV. ENGINEERING OBSERVATIONS, ASSESSMENTS AND RECOMMENDATIONS

4.1 Geotechnical Assessment

The underlying soils at the tract of land are capable to sustain the loads of the presently proposed structures planned (e.g., Skate Bowls and Pedestrian Trails etc..). However, the borings of exploration found a very loose to medium fill section, followed by a soft/loose compressible organic deposit with peat inclusions found beneath the upper fill section. The identified compressible layer extends from 8.0 to about 28.0, approximately. The disclosed organic muck layer, varying between 7.0 to 20.0 ft. in thickness, presents a detrimental effect in regard to settlement by any additional load to be imparted upon construction. Of considerations is any additional loading (e.g., fill) which will initiate a new consolidation cycle (primary and secondary compression) of the organic to slightly organic deposits.

Presently, the existing fill section is presently experiencing settlements from its own weight. Thus, residual secondary settlement will allow additional settlements to develop at an ever-diminishing rate all throughout the lifespan of the project due to secondary compression settlement only. Therefore, new or additional fill sections **SHALL BE AVOIDED** at the site and should be evaluated from the designer's viewpoint for the long-term performance of the surrounding lands, and any existing structures (e.g., pedestrian bridge) or new structures (e.g., entrance arcade). Thus, as a primary design consideration ***NO ADDITIONAL FILL*** material shall be allowed. However, the presently design scheme, require raising the existing grade, some 0.5 to about 5.5 ft., to allow the construction of the proposed skate bowls. The following table summarized the general grading requirements based on the proposed Site and preliminary grading plans submitted, which disclosed mostly fill sections will be required for the proposed development presently contemplated.

TABLE 3 – SUMMARY OF GENERAL GRADING DATA AND REQUIREMENTS

Boring No.	Approximate Existing Elevation (mts)	Proposed Elevation (mts)	Cut /Fill (mts)	Difference in Meters
201	2.38	3.15	Fill	0.77
202	2.14	2.14	-	-
203	1.92	1.92	-	-
204	2.15	3.65	Fill	1.50
301	2.03	3.65	Fill	1.62
302	2.25	2.25	-	-
110	2.25	2.25	-	-

The only way to avoid total and differential settlements at the site is to provide a soil improvement technique (e.g., Geopier ®) and/or deep foundation solution (e.g., drilled shafts) for the proposed structure to transmit the loads of the structure to the underlying competent layers and to reduce the liquefaction potential in the event a seismic event occurs.

The presently design scheme, require raising the existing grade, some 1.0 ft. to about 5.5 ft., to allow the construction of the proposed skate bowls. Therefore, considering the type of structure planned (lightweight), the use of Expanded Polystyrene Fill (EPS) can be considered by the A/E design Team as an alternate backfill material in lieu to conventional backfill material (i.e., AASHTO A-2-4 fill material) to construct the proposed embankment, which would essentially eliminate foundation soil settlements. Consolidation of the EPS lightweight fill should be expected to be limited to one percent of the embankment height.

Expanded Polystyrene Fill (EPS) also known as "Geofoam" are low-density cellular plastic blocks to be used as lightweight, stable, inert, environmentally safe fill. It is a lightweight fill used to reduce vertical stresses beneath embankments, or to reduce lateral stresses on retaining walls, abutments or foundations. EPS has been used in highway construction in Europe since the early 1970's and later in the United States. Some of the advantages of using EPS are:

- EPS has a density that is less than 1% of typical soil fills. By using this

extremely lightweight material in an embankment section over a deep, soft organic or clay soil deposit, significant time and cost savings may be achieved as compared to other foundation stabilization and settlement mitigation techniques.

- When properly designed as backfill, EPS blocks exert little to no lateral load on retaining structures.

- A typical block measuring 2.0 ft. x 4.0 ft. x 8.0 ft. at a density of 1.25 ft.^{3}, weighs 80 lbs. On site, EPS blocks may be easily unloaded by two laborers and placed into position.

- The composition of an EPS block allows field cutting and trimming by a hand-held "hot wire" apparatus, hand or power saws to produce desired shapes, which is essential for the proposed skate bowls being proposed.

4.1.1 Liquefaction Assessment

Although the proposed structures planned (i.e., skate bowls, entrance arcade, etc..) do not present life threatening consequences if liquefaction induced settlement are experienced, these shall be provided with liquefaction mitigation techniques to assure their structural integrity throughout its lifespan.

Therefore, due to the presence of loose granular soils below the groundwater level, we have performed an evaluation of their liquefaction potential. "Liquefaction" is more apt to have effect on loose silty sands which are found beneath the groundwater level and near the surface (e.g., less than about 50 feet). When loose silty sand and clayey sandy material are subject to sustained vibrations during an earthquake, these tend to lose their capacity. As the soil grain are separated a "boiling effect", under the progressive buildup of water pressure is produced by the seismic ground shaking. The following screening criteria were used to establish the liquefaction potential areas to be evaluated:

- Fines content and plasticity index. Liquefaction potential in a soil layer increases with decreasing fine content and plasticity of the soil. Cohesionless soils having less than 15 percent (by weight) of particles smaller than 0.005 mm, a liquid limit less than 35 percent,

and an in-situ water content greater than 0.9 times the liquid limit may be susceptible to liquefaction (Seed and Idriss, 1982).

- Saturation. Although low water content soils have been reported to liquefy, at least 80 to 85 percent saturation is generally deemed to be a necessary condition for soil liquefaction. The highest anticipated temporal phreatic surface elevations should be considered when evaluating saturation. Liquefaction is more apt to have effect on loose sands or silty sands which are found beneath the groundwater level.

Our liquefaction analysis considered a 7.5 earthquake (on the Richter scale), with a peak ground acceleration (PGA) of 0.405g, considering a 2% probability of occurrence in a 50-year return period.

Based on the encountered subsurface profile, loose granular deposits that are potentially liquefiable were found on all borings of exploration. In general, the depth which presents the greatest potential to liquefaction were found between 6 to 30 ft. in depth.

Our engineering analysis and evaluations disclosed that the underlying loose sands show a marginal to low safety factor (FS<1), against liquefaction. Moreover, our analyses disclosed the induce settlement due to liquefaction varied between 1.5" to 5.5" where the new Skate Park is being considered. Considering marginal to low safety factor against liquefaction were obtained on our analysis, liquefaction hazard mitigation means should be considered as part of the proposed development.

Among the available engineering options that will help minimize the potential for liquefaction induced problems, which might be considered in this project is the use of Rammed Aggregate Piers (RAP). The installation of a RAP ground improvement solution reduces the potential for liquefaction to occur by:

1. Providing a stiff, non-liquefiable inclusion in the liquefiable soils.

2. Improving the matrix soil between the piers in soils where densification is accomplished during the RAP construction process.

3. Allow dissipation of excess pore water pressure by providing drainage elements (RAP) to relieve excess pore water pressures that may develop during a seismic shaking.

   and

4. By reducing the magnitude of shear stresses in the matrix soil between the piers to preclude liquefaction triggering.

Considering the depth to the potential liquefiable soil (varying between 6 to 30 ft.), the RAP elements will have to transmit the loads of the structures to the underlying deep stiff/dense layers that are considered adequate to support the proposed loads.

Although the use of RAP elements is being recommended for the proposed Entrance Arcade and restrooms, the rest of the proposed skate park shall also be provided with RAP elements in a grid-like pattern, beneath the proposed EPS block [Geofoam] to allow dissipation of excess pore water pressure for rapid drainage which may develop during a seismic event. These shall be connected to an underground drain, at least 1.0 ft. in thickness, beneath the EPS blocks and connected to the project's storm sewer system.

4.1.2 Summary of Foundation Alternatives

In conclusion, based on the prevailing site and subsurface conditions found at the site, the proposed skate park facilities may consider the following foundation alternatives.

Table 4 – Summary of Foundation Alternatives

Proposed Structure	Foundation Type or Improvement to be Considered
Skate Bowls & Pedestrian Trails [1]	Slab on ground over EPS Geofoam [1, 2] Slab on ground over Rammed Aggregate Piers Drilled Shafts with structural slabs[4]
Entrance Arcade	Spread Footings over Rammed Aggregate Piers Mat Foundation [3] Drilled Shafts with structural slabs[4]

NOTE:

[1] A protective cap of concrete (reinforced slab-on-ground or reinforced gunite system), at least 4 inches thick, shall be provided on top to aid in the load distribution of live and dead loads. This protective cap may be considered as the wearing surface of the skate bowls, provided no degradation will occur with its use (i.e., skate grinding, impact, etc…).

[2] A subsurface drainage beneath shall be provided to aid in lowering any underground water and/or to maintain a positive drainage path beneath the EPS fill [geofoam blocks]. The subsurface drainage system shall include the installation of a layer of graded crushed stone (1.5"-inch in diameter, maximum), wrapped around a filter geotextile (e.g., Terratex NO4 or equivalent) placed behind and below the EPS fill, connected to a positive outlet (e.g., projects storm sewer system). The graded crushed stone shall also include a network of perforated drainage pipes. In addition, RAP elements in a grid-like pattern shall be provided to mitigate against liquefaction in case a seismic event occurs, which shall connect with the aforementioned underground drainage system.

[3] Any one-story structures, without additional fill, may be erected over a mat type of foundation. Presently, it is only contemplated slabs on grounds and secondary structures (i.e., benches, sidewalks, proposed Entrance Arcade, etc…). Otherwise, the herein alternate foundation solution (i.e., RAP or drilled piers) shall be considered.

[4] No driven piles (Pre-cast) shall be considered for this project. Considering the other foundation solutions recommended seem more cost-beneficial for the project, this foundation alternative will not be further discussed herein. However, should the A/E design team decides to use this alternative the undersigned shall be contacted and allowed to provide the required foundation design parameters.

The geotechnical engineering recommendations for foundation systems being proposed and other earthwork related construction phases of the project are outlined in the following sections

of this report. The recommendations contained in this report are based upon the results of field and laboratory testing, presented in Appendices 1 and 3, engineering analyses, and our current understanding of the proposed project.

4.2 Foundation Recommendations

4.2.1 Foundation Recommendations

Presently, it is only contemplated slabs on grounds and secondary structures (i.e., benches, sidewalks, etc...) for the proposed Skate Park being contemplated. Thus, any one-story structures at the proposed Skate Park facilities shall be erected over a mat type of foundation following the herein foundation recommendations. Otherwise, the alternate foundation solution (i.e., rammed aggregate piers) previously discussed shall be considered by design. The following Table, No. 5, shall be used for the design of a rigid mat foundation at the specified minimum depth of foundation.

Table 5 – Summary of Foundation Design Parameters

DESCRIPTION	VALUE
Structure(s)	One-Story Structures and Skate Bowls Wearing Surface
Foundation Type	Mat Foundation
Bearing Material	In-Situ soil
Allowable Bearing Pressure	850 psf.
Depth of Foundation (Df)	1.5 feet below existing grade Slab-On-grade on top the EPS Blocks
Modulus of Sub Grade Reaction	65 lbs./sq.-inch/inch
Total Estimated Settlement	1 inch
Estimated Differential Settlement	0.25 inch

The final depth of foundation shall be determined based on the required improvement necessary at the site during the earthwork phase of foundation excavation and the expected

loading conditions of the structures. For the elastic foundation design can consider a Modulus of Subgrade Reaction of 65 lbs./sq.-inch/inch can be considered at the depth of 1.5 ft. -

For uplift considerations the upper 1.0 ft. of foundation shall be discarded, for the total calculation of additional resistance. A factor of safety for uplift equal to 2 (F.S. = 2) shall be considered. Also, deepening of the foundation will depend on the required loading conditions acting on the foundations base.

4.2.2 Additional Consideration for the use of Geofoam

Considering it is required to raise the existing grade for the proposed skate bowls, the use of a lightweight fill such as EPS Blocks "Geofoam" to construct the proposed embankment is being recommended to essentially eliminate foundation soil settlements. As previously indicated, the consolidation of the lightweight fill should be expected to be limited to one percent of the embankment height.

Some important project selection and design considerations:

- A protective cap of concrete (reinforced slab-on-ground or lightly reinforced gunite system), at least 4 inches thick, shall be provided on top to aid in the load distribution of live and dead loads. This protective cap may be considered as the wearing surface of the skate bowls, provided no degradation will occur with its use (i.e., skate grinding, impact, etc...). A protective cap should be included over critical areas of the EPS fill if there is a reasonable possibility of accidental contact with petroleum, although not predicted.

- Vertical load acting on the EPS should not be greater than the compressive strength at 1% strain (typically 5.8 psi ≈ 835 lb/ft.^{2}) to avoid long-term creep deformation.

- The bottom layer of the EPS fill blocks ***SHALL*** be placed at least 1.0 meter above the groundwater. Otherwise, any buoyancy forces will cause the EPS blocks to float. If EPS blocks are placed below groundwater, additional analysis and construction techniques may be employed such as:

- An analysis to balance buoyancy forces with sufficient overburden to achieve a suitable factor of safety against uplift.

- An analysis of the nature and concentration of any contaminants in the groundwater that may affect the durability of the EPS (e.g., salt water).

- Dewatering techniques will be required during installation.

- Installation may require temporary weight down blocks if the area is prone to flooding during storm events.

- Utilities should not interfere with the EPS.

- EPS blocks should be constructed so that blocks fit together tightly and in such a way to avoid continuous vertical discontinuities by offsetting the joints between overlying blocks. Placing blocks in a "running bond" and rotating the pattern by 90 degrees in each successive layer is recommended to accomplish this.

- If irregular shapes are required, the EPS blocks may be trimmed in the field by a method approved by the Engineer. A "hot-wire" cutting device (a NIchrome wire held between insulated handles and connected to a power source by a rheostat) is recommended.

- To avoid damage, only small, rubber-tired equipment should operate directly on the EPS.

The manufactured EPS blocks shall meet the following physical requirements:

MINIMUM PHYSICAL PROPERTIES			
ASTM D 1622	Density		1.25 pcf
ASTM D 1621	Compressive Strength:	at 1% deformation	5.8 psi
		at 10 % deformation	16.0 psi
ASTM C 203	Flexural Strength		30.0 psi
ASTM D 2863	Flammability (Oxygen Index)		24.0 %
APPLICABLE STANDARDS			
ASTM D 6817	Standard Specification for Rigid Cellular Polystyrene Geofoam		

4.2.3 Rammed Aggregate Piers (RAP) – Geopier System

As previously mentioned, to help minimize the potential for liquefaction induced problems the use of Rammed Aggregate Piers (RAP) shall be considered. Although the use of RAP elements is being recommended for the proposed Entrance Arcade and restrooms, the rest of the proposed skate park shall also be provided with RAP elements in a grid-like pattern, spaced at 15.0 ft on center, beneath the proposed EPS block [Geofoam] to allow dissipation of excess pore water pressure for rapid drainage which may develop during a seismic event. These shall be connected to an underground drain, at least 1.0 ft. in thickness, beneath the EPS blocks and connected to the project's storm sewer system.

Considering the Site has been previously developed, it is most probable underground obstruction (e.g., footings, utilities, etc...) be encountered within the proposed RAP element locations, therefore the proposed foundation layout may have to be amended to cope with such obstructions if this is the case. Therefore, additional RAP elements may be required to evade any obstruction.

This foundation solution of using compacted rammed aggregate piers (e.g., Geopier System) is a ground-improvement process, which provide a cost-effective alternative which has been substantially used for the last decades on projects where deep foundations or significant excavation and material replacement would previously have been required.

Although conventional, shallow foundations are often most cost-effective solution; in this project, the weak soil conditions and potential liquefiable soils presents difficulties to cope with settlements.

The presented Geopier alternative, is used to improve the subsurface soil conditions and allow the use of a shallow foundation solution for the proposed structures. This system is an efficient and cost-effective intermediate foundation solution for the support of settlement-sensitive structures and to mitigate against liquefaction.

The presented Geopier System uses a specially designed mandrel and tamper foot driven into the ground using a strong static force augmented by dynamic vertical impact energy. Depths

normally range from about 10 to 55 feet, depending on design requirements. A sacrificial cap prevents soil from entering the tamper foot and mandrel during driving. The process eliminates spoils and displaces soils laterally, densifying and reinforcing the existing soils.

After driving to design depths, the hollow mandrel serves as a conduit for aggregate placement. Aggregate is placed inside the mandrel. Then, the mandrel is lifted approximately three feet and then driven back down two feet, forming a one-foot-thick compacted lift. Compaction is achieved through static down force and dynamic vertical ramming from the hammer. The process densifies aggregate vertically and the patented beveled tamper foot forces aggregate laterally into cavity sidewalls. This results in soil improvement excellent coupling with surrounding soils and reliable settlement control with superior strength and stiffness.

Following installation, the Rammed Aggregate Pier (RAP) elements can support shallow foundations, floor slabs, permanent fill, and reduce liquefaction potential and improve stability support of embankments, shear walls and slabs. The footing stresses are attracted to the stiff RAP elements, resulting in engineered settlement control.

Also, RAP elements with the addition of specially designed structural steel anchors, can resist uplift loads generated by earthquakes and wind. Should soft soils be encountered the RAP elements shall be grouted to cope with the expected loading conditions and project requirements, to enhance their capabilities.

4.2.3.1 Rammed Aggregate Piers Foundation Recommendations

The loads of the proposed structures shall be designed over 24" or 30"-inch diameter rammed aggregate piers. The number of RAP elements shall be a function of the design load required and shall consider the actual backfill thickness to establish the project final grading elevations and the expected loading conditions.

Thus, the proposed structures can be founded over RAP elements, using a mat foundations or over spread footing, braced with a grade beam, should it be necessary, following the herein recommendations.

The plan dimensions footings must be selected to develop full coverage of the RAP elements and to have a RAP area replacement ratio of at least 30%. The top level of the RAP units shall correspond to the bottom level of the foundations. The design of the foundations for the proposed structures shall consider an allowable soil bearing pressures and stiffness modulus given in the following Table 5.

TABLE 6 - SUMMARY OF PRELIMINARY FOUNDATION RECOMMENDATIONS

Boring Numbers	Allowable Soil Bearing Pressure (ksf.)	Stiffness Modulus (pci.)
301, 302, and 201 thoughts 204	3.0 ksf.	175

Note: The above parameters are valid, provided the underlying bearing soils are improved using RAP elements (Geopier) foundation elements, which shall be drilled to a minimum depth indicated in the following section of this report.

Even though Geopier RAP elements are required for the structures planned, the effects of settlements on any ground floor slabs must be considered. Thus, the use of structurally supported ground floor slab shall be considered in the design.

However, in lieu of the structurally designed ground slabs, the same improvement approach of using RAP elements can be considered to support the floor slabs for which additional amount of RAP elements shall be required. RAP slab support is classified as either slab-on-grade or structural and depends on the actual fill thickness and RAP elements. A structural slab design is required when the slab must span the clear distance between RAP elements.

The RAP element length to be considered for the proposed structures is being presented in the following Table No. 7. However, the final length, amount, arrangement and soil improved capacity of the RAP elements shall be determined by the aggregate pier system specialist/designer.

TABLE NO. 7 - SUMMARY OF PREDICTED LENGTH OF RAP ELEMENTS

Boring No.	Structure	Minimum Depth of RAP Foundation (ft.)
301, 302, and 201 through 204	Skate Park Facilities	30 ft.

***NOTE:** Measured from the existing surface elevation prevailing during the field work. Also, the minimum depth of RAP elements has been established preliminarily. However, the final length shall be determined by the RAP designer.

4.2.3.2 Settlement Considerations with Rammed Aggregate Piers

Under the soil improvement scheme using RAP elements, the expected settlements can be tolerated by the proposed structures. The estimated and predictions of differential considering the Geopier support elements do not exceed 0.15 of an inch between adjacent supports of the structure. Nevertheless, settlement calculations should be performed by Geopier Foundation Company, Inc. which shall perform the final geopier foundation design. Based on preliminary settlements evaluations of the aggregate-pier supported footings are estimated to be on the order of 1 inch.

4.2.3.3 Additional Rammed Aggregate Pier Considerations

To examine the performance of the Geopier system and ensure quality control, at least one (1) test Geopier element per structure to be erected, near Boring No. 301, shall be performed. The test pier shall be provided with a replicate of a footing. The modulus load test shall be performed to a stress not less than 150% of the maximum stress top of pier stress to obtain the maximum deflection and yielding at site-specific stiffness of greater than the design stiffness of the RAP element. The deflection at the bottom of the pier shall be recorded as a function of the design stress.

At all loading stages, the total deflection, which shall not exceed a total deflection of 1 inch, shall be recorded. The results of the tests on the installed Geopier system shall fully satisfy the performance requirements.

In accordance with the design, the Full-Time Quality Control (QC) representative shall be provided by the installer who shall report all the RAP foundation construction activities and

details. The installer of the Geopier elements shall certify the units were installed at the at the required subgrade level, at approximately the top of footing elevation. However, as required by the RAP unit's supplier the installation process shall be monitored by inspecting Soils Engineer or approved representative.

The material type (i.e., clean crushed stone (3/4" minus diameter) and procedures used for each Geopier element installation for both the bottom bulb and the shaft shall be recorded by the installer. For the test RAP element, each 1-foot lift shall be tamped with a specialized tamper for approximately 60 seconds. This specialized tamper is flat on the bottom with beveled edges shall be used for compaction in lifts vertically, as well as for pushing the aggregate laterally into the surrounding soil inside the pre-drilled section.

Also, after the foundation soils have been reinforced with RAP elements, adequate protection of the reinforced ground is required. This includes proper drainage to eliminate ponding water and maintaining excavation distance from the installed piers. Prior to foundation installations, the reinforced ground surface should be cleared and cleaned to the satisfaction of the geotechnical engineer.

4.3 Earthquake Design Considerations

The "Site Class" is a designation used by the 2018 International Building Code (IBC) (ICC 2018) to quantify ground motion amplification. As per ASCE 7-16, Section 20.3 and Table 20.3-1 the site's soil shall be classified based on the upper 100 feet of soil of the site's profile. Based on the site's geologic conditions, our exploratory borings performed (up to 85 ft. in depth), and our experience with the geology of the area, it is our opinion that the subsurface characteristics reflect an average soil profile type S_E as described in International Building Code 2018 and the Puerto Rico Building Code 2018.

Due to the marginal to low potential liquefaction of the site, one would think the site should be classified as Site Class *F*. However, considering the herein recommended foundation types and proposed soil improvements (i.e., Rammed Aggregate Piers) the potential to liquefaction occurrence will be significantly mitigated, for which the site should not be considered as "vulnerable to potential failure or collapse under seismic loading", provided the herein

recommended foundation and soil improvement techniques are implemented at the site. Thus, the Site Class to be considered by design shall be Site Class E, as previously mentioned.

Furthermore, the new requirement of ASCE 7-16, Section 11.4.8 requires a site-specific ground motion hazard analysis shall be performed in accordance with Section 21.2 for structures on Site Class E with Ss greater than or equal to 1.0g. However, the Puerto Rico Building Code 2018 (PRBC2018), Table 1613.2.1 – Spectral Response Acceleration for the Municipalities of Puerto Rico, page 144, dictate a MCEr ground motion for 0.2 second period (Ss) is equal to 0.98 which is less than 1.0 (≤ 1.0). Therefore, the requirement established on Section 21.2, as previously mentioned, do not apply for this project.

Moreover, the new site-specific requirements significantly impact the use of practical design methods. Therefore, to minimize these impacts, the new requirements of ASCE 7 include three exceptions permitting the use of conservative values of seismic design parameters in lieu of performing a site-specific ground motion analysis. The three exemptions are the following:

(1) Structures on Site Class E sites with S_s greater than or equal to 1.0, provided the site coefficient *Fa* is taken as equal to that of Site Class C.

(2) Structures on Site Class D sites with S_1 greater than or equal to 0.2, provided the value of the seismic response coefficient *Cs* is determined by Eq. (12.8-2) for values of $T \leq 1.5Ts$ and taken as equal to 1.5 times the value computed in accordance with either Eq. (12.8-3) for $T_L \geq T > 1.5T_s$ or Eq. (12.8-4) for $T > TL$.

(3) Structures on Site Class E sites with S_1 greater than or equal to 0.2, provided that T is less than or equal to T_s [$T \leq T_s$] and the equivalent static force procedure is used for design. This exception recognizes that short-period structures are conservatively designed using the Equivalent Lateral Force (ELF) procedure for values of seismic response coefficient Cs based on the domain of constant acceleration (S_{DS}) which is, in all cases, greater than or equal to response spectral accelerations of the domain of constant velocity.

Thus, the new site-specific design requirements exceptions, specifically number 3, permit ELF design using conservative values of seismic design parameters as is the case of those

considered in this project. Further evaluation revealed, exception 3 can be considered since the project's $T_s = S_{D1}/S_{DS}$ = (0.6344/0.784) = 0.80 which is greater than the fundamental period of the structure (*T*) [$T = C_t \cdot h_n^x$], *as* determined by equation 12.8-7 in section 12.8.2.1. Therefore, considering the structure's *T* is less than the calculated T_s, as previously illustrated, as well as all the previously discussed considerations a site-specific ground motion analysis was not required for this project.

The following Table 8 presents the Seismic Design parameters to be considered for the present project. However, it shall be noted that although Tables 11.4-1 and 11.4-2 of ASCE 7-16 do not provide all values of Site Class E site coefficients required to determine the design parameters, the value of the site coefficient, F_a = 1.2 for Site Class E can be conservatively used based on the Site Class C value of that table in accordance with the first exception of Section 11.4.8; and the values of the site coefficient, F_v = 2.44 , corresponding to S_1 = 0.39 can be obtained from Table 11.4-2 of the National Earthquake Hazard Reduction Program (NEHRP) Seismic Provisions. The NEHRP Provisions are a knowledge-based resource documents intended to translate research results into engineering design practice.

Table 8 - Seismic Design Parameters

Parameter	MCE_R
Site Class	E
Risk Category	II
Spectral Response Acceleration (Short Period), S_s	0.98 g
Spectral Response Acceleration (1-Second Period), S_1	0.39 g
Site Coefficient, Fa	1.2
Site Coefficient, Fv	2.44
Modified Spectral Response Acceleration (Short Period), S_{MS}	1.176
Modified Spectral Response Acceleration (1-Second Period), S_{M1}	0.9516
Spectral Response Acceleration (Short Period), S_{DS}	0.784
Spectral Response Acceleration (1-Second Period), S_{D1}	0.6344

MCE_G peak ground acceleration (PGA)	0.405
Earthquake Magnitude (M)	7.5

4.4 Storm Water Run-off Control

Whenever large topographic changes are made, groundwater flows are usually found, which can be detected during the grading process. Such conditions shall be observed, and any flow be diverted to proper outfall, through adequate drainage facilities (i.e., French Drains).

Groundwater drainage is required to assure long term performance of the new structures and facilities. Water, either from precipitation or groundwater, can cause the undersoil to become eroded, saturated and weaken. Thus, it is recommended to assure adequate drainage facilities, to assure long term performance of fill embankment sections.

4.5 Earthwork

The following recommendations shall be followed for site preparation, excavation, subgrade preparation and placement of engineered fills on the project. The recommendations presented for design and construction of earth supported elements including foundations and slabs are conditioned upon following the recommendations outlined in this section. All grading for the structure should incorporate the limits of the proposed structure plus a minimum pad blow-up of five feet beyond proposed perimeter of the structure.

The earthwork phase of the project should be observed and evaluated by the undersigned or approved representative. The evaluation of earthwork should include observation and testing of engineered fill, subgrade preparation, foundation bearing soils, and other geotechnical conditions exposed during the construction of the project.

4.5.1 Site Preparation

Strip and remove existing vegetation, boulders (if encountered) and other deleterious materials from proposed structure footprint and pavement areas, if any. Exposed surfaces should be free

of mounds and depressions which could prevent uniform compaction.

Stripped materials consisting of vegetation and organic materials should be wasted from the site or used to revegetate landscaped areas after completion of grading operations. If it is necessary to dispose of organic materials on-site, they should be placed in non-structural green areas, solely, and in fill sections not exceeding 5 feet in height.

In general, the site should be initially graded to create a relatively level surface to receive fill, if required by design, to provide for a relatively uniform thickness of fill beneath the proposed structure(s) footprint. In any case, the difference in the total fill thickness beneath any structural unit, as established by the structural designer, shall not exceed 1.0 m.

Although not predicted, underground facilities could be encountered during construction. If unexpected fills or underground facilities are encountered, such features should be removed entirely, and the excavation should be thoroughly cleaned prior to backfill placement or construction.

4.5.2 Excavation

It is anticipated that some excavations for the proposed construction can be accomplished with conventional earthmoving equipment. Hard soils, boulders and cobbles may require heavy duty equipment or additional effort to advance deep excavations, such as underground utilities or finished grades substantially below existing grades.

On-site soils may pump or become unstable or unworkable at high water contents. Workability may be improved by scarifying and drying. Overexcavation of wet zones and replacement with granular materials (i.e., Crushed Stone ¾" max. diameter) may be necessary. Lightweight excavation equipment may be required to reduce subgrade pumping.

4.5.3 Subgrade Preparation

Exposed areas which will receive fill or be constructed upon, once properly cleared and benched, where necessary, should be scarified to a minimum depth of 10 inches, and compacted to a minimum 95 % of its maximum dry density, as per its Modified Proctor Test.

Areas of loose/soft soils may be encountered at the foundation bearing depth after excavation is completed. When such conditions exist beneath proposed foundation areas, the subgrade soils should be surficially compacted prior to placement of any foundation system. If the required compaction effort cannot be achieved in-place, any loose/soft soils should be removed and replaced with compacted engineered fill and/or a crushed-stone layer.

If fill is to be placed in areas where slopes are steeper than 5:1 (horizontal:vertical), the area should be benched to reduce the potential for slippage between existing slopes and fills. Benches should be wide enough to accommodate compaction and earth moving equipment, and to allow placement of horizontal lifts of fill.

Subgrade soils beneath interior slabs, exterior slabs, and pavement should be scarified and compacted to a minimum depth of 10 inches. The moisture content and compaction of subgrade soils should be maintained until slab or pavement construction is completed.

4.5.4 Fill Materials and Placement

Where required, the backfill material shall be inorganic and shall not exhibit swelling characteristics for general earthwork construction phase of the project. Thus, AASHTO Classification A-2-4 or better is required for all fill material. All fill material shall be compacted in layers not to exceeding six (6) inches when compacted (8" to 10-inches loose). Unless otherwise indicated in this report, a minimum compaction effort of 95% of its maximum laboratory Modified Proctor Density, is required. The enclosed fill specifications (Appendix 2) detail our recommended Fill Specifications.

Engineered fill should be placed and compacted in horizontal lifts, using equipment and procedures that will produce recommended moisture contents and densities throughout the fill lift. Fill lifts should **NOT** exceed ten inches loose thickness.

Considering the project's specific requirement of not providing additional fill, in lieu to the conventional backfill material AASHTO A-2-4 or better, EPS Geofoam shall be used whenever, the fill thickness exceeds 1.0 ft. in thickness.

4.5.5 Compaction Requirements

Unless otherwise stated for any project specifics, the recommended compaction and moisture content criteria for engineered fill materials are as follows:

Table 9 - Compaction Requirements

Item	Descriptio
Fill Lift Thickness	8" to 10" inches or less in loose thickness
Minimum Compaction Requirements[1]	95% of the materials maximum modified Proctor dry density (ASTM D 1557)
Moisture Content	Within 3% of optimum moisture content value as determined by the modified Proctor test at the time of placement and compaction.

NOTE:

[1] It is recommended that any engineered fill be tested for moisture content and compaction during its placement. Should the results of the in-place density tests indicate the specified moisture or compaction limits have not been met, the area represented by the test should be reworked and retested as required until the specified moisture and compaction requirements are achieved.

4.5.6 Grading and Drainage

Positive drainage should be provided during construction and maintained throughout the lifespan of the project. Infiltration of water into utility trenches or foundation excavations should be prevented during construction. Planters and other surface features which could retain water in areas adjacent to the structures, should be sealed or eliminated. In areas where sidewalks or paving do not immediately adjoin the structures, we recommend that protective slopes be provided with a minimum grade of approximately five percent for at least 5 feet from perimeter walls. Backfill against footings, exterior walls, and in utility and sprinkler line trenches should be well compacted and free of all construction debris to reduce the possibility of moisture infiltration. Water should not be allowed to pond within 10 feet of the perimeter of the foundations.

Downspouts, roof drains or scuppers should discharge into splash blocks or extensions when

the ground surface beneath such features is not protected by exterior slabs or paving. Landscaped irrigation adjacent to the foundation systems, if any, should be minimized or eliminated.

4.5.7 Slopes

Although not predicted, permanent unprotected slopes in compacted fill areas the recommended maximum configurations for on-site and fill materials are as follows:

Maximum Slopes

Material	Horizontal:Vertical
• In-Situ Soil	5:1
• Engineered Fill	2:1

The face of all slopes should be compacted to the minimum specification for fill embankments. Alternately, fill slopes can be over-built and trimmed to compacted material. If any slope in cut or fill will exceed 10 to 15 feet in height, the grading design should include mid-height benches to intercept surface drainage and divert flow from the face of the embankment. Regardless, erosion protection shall be provided to any daylighted slope surface to remain.

4.5.8 Additional Earthwork Construction Considerations

Upon completion of filling and grading, care should be taken to maintain the subgrade moisture content prior to construction of foundations and floor slabs, especially on clayey soils. Construction traffic over the completed subgrade should be avoided to the extent practical. The site should also be graded to prevent ponding of surface water on the prepared subgrades and/or excavations. If the subgrade should become desiccated, saturated, or disturbed, the affected material should be removed and/or these materials should be scarified, and re-compacted prior to the construction of any foundation and/or floor slabs.

Temporary excavations will most likely be required during grading operations. The grading contractor, by his contract, is usually responsible for designing and constructing stable

temporary excavations and should shore, slope or bench the sides of the excavations as required, to maintain stability of both the excavation sides and bottom. All excavations should comply with applicable local, state, and federal safety regulations, including current OSHA Excavation and Trench Safety Standards.

The geotechnical engineer or approved representative should be retained during the construction phase of the project, to observe earthwork and perform necessary tests and observations during subgrade preparation; re-compaction; placement and compaction of controlled compacted fills; backfilling of excavations into the completed subgrade, and just prior to construction of foundations and floor slabs.

4.6 Nearby Structures

Considering existing adjacent buildings may exist, the earthwork process requires special consideration regarding vibrations during pile and RAP installation and earthwork process.

At this stage, it is difficult to predict the extent of vibrations to be produced by the foundation installation equipment to be used during the construction sequence. Thus, this aspect of construction shall be evaluated with care.

Also, any area where deep excavation (> 5 ft.) are closer than 10 ft. from any existing structure, it is mandatory to provide a temporary retention system to assure the existing adjacent structures are not subject to lateral yielding (differential settlement) while the excavations are completed. Alternate sequence for construction at the sector close to existing structure is one method to minimize effects of lateral yielding.

Also, special consideration shall be allowed for underground facilities (i.e., storm sewers, and others) that may be found at the site. Special attention shall be taken in regard to existing utility pipelines, these shall be redirected or protected to allow them to withstand any new loading conditions. Moreover, flexible joints shall be provided between pile supported and not supported pipelines (e.g., storm sewer, sanitary, etc...).

4.6.1 Additional Considerations for control of Vibrations for Nearby Structures

As a minimum, a vibration survey using the excavation and compaction equipment actually used at the project shall be considered. To minimize vibrations during foundation installation and earthwork process the construction of interception trenches to reduce the horizontal component of the peak particle velocity can be considered.

Regardless of the vibration restrain process provided, the use of photographs prior to the construction sequence is very valuable to establish preexisting conditions of nearby structures. These are very valuable in court. Therefore, it is highly recommended a monitoring process of vibrations shall be in place during the construction sequence, as considered necessary by the contractor.

4.7 Groundwater Considerations

As previously mentioned, the ground water level was initially found varying from 6.0 to 8.0 ft.; however, upon completion of the borings they were measured at an average depth of 5.57 ft., but as high as 3.0 ft. in Boring 302. However, experience at the site dictate the ground water shall correspond to the adjacent body of water (i.e., Atlantic Ocean). Although not presently contemplated, considering the presently design scheme, dewatering might be necessary during the excavation phase of the project depending on the actual groundwater level of the adjacent bodies of water and the final bottom foundation elevation to be established. Dewatering should be expected and implemented during any excavation and foundation procedures during construction, due to the high permeability of the surface soils.

However, dewatering may cause the lowering of groundwater in the area around the excavation, which will result in an increase in effective stress of soil and hence settlement of the ground. Nonetheless, dewatering may have adverse effects of ground settlement near the excavation adjoining sensitive structures, an assessment of the possible adverse effects of the dewatering shall me performed considering the dewatering technique to be selected.

Although not predicted, any underground structure shall consider special dewatering techniques (i.e., well points, among others), if the proposed invert elevation of the proposed excavation is greater (deeper) than the ground water levels. Dewatering can be accomplished by pumping

through a system of well points installed adjacent to the excavation to sump pits near the excavations. The adequacy of the control of the dewatering process should be maintained during the excavation process to prevent the bottom of the excavation to heave or boil. Also, casting of concrete shall be made in dry conditions.

Special care shall be taken not to affect adjacent structures, if any, while dewatering procedures are implemented (i.e., Draw Down). Thus, any dewatering techniques shall be properly designed to cope with these circumstances.

Also, in the case underground structures (i.e., basement(s), Cisterns, etc...) are considered, an effective drainage blanket shall be provided to allow drainage of water continuously beneath the structure. The basis of this solution is to account for the groundwater levels found close or above the foundation level. The aforementioned drainage blanket shall be connected to the projects storm sewer system.

Thus, the final solution requires an estimate to be made of the quantity of water that will be collected for which pumps (permanent) may have to be provided. A final design volume determination will require additional evaluations and possibly a pumping test. Such evaluations are beyond the scope of the present work. Furthermore, during the period of the foundation and construction sequence a temporary dewatering system to maintain the excavation dry shall also be required in this project.

The selection and design of any dewatering system is beyond the scope of the present work. Also, proper control of the surface water is necessary, so that excavations are maintained dry during foundation casting and back filling operations.

4.8 Additional Recommendations

We urge that our firm be retained to review those portions of the plans and specifications that pertain to earthwork and foundations to determine whether they are consistent with our recommendations.

The recommended geotechnical design concepts must be complemented with a structural design, which include and is not limited to the preparation of plans and specifications. Geotechnical reports by themselves are not considered a structural report and do not make any recommendations in relation to any structural problems observed nor any solutions that maybe required. It may be used as an adjunct to a Structural Report/Design, prepared by a suitably qualified registered structural engineer. For such purposes, we urge the structural designer to contact this office to clarify, review the designed process and to provide support in the preparation of the specifications for the required work, to meet the geotechnical requirements herein being presented.

V. LIMITATIONS OF THIS REPORT

The above design parameters and recommendations are based in the information and interpretation of laboratory data of the test boring performed, and existing published correlations. Actual conditions, especially at intermediate locations, may differ from the information contained in this report. The owner, designer and/or contractor are urged to contact this office if different conditions than those herein described are encountered.

The recommendations contained in this report may have to be varied to accommodate recommendations to cope with undisclosed conditions. Furthermore, the monitoring and inspection of earthwork related construction procedures, as well as the supervision of the implementation of the herein given recommendations shall be made by the undersigned or his approved representative. Otherwise, the inspecting engineer shall study this report, perform additional tests as he deems necessary, to submit his own recommendations and assume full responsibility of the herein given recommendations in their entirety.

In the event that any changes in the nature, design, or location of the proposed development planned, the conclusions and recommendations contained in this report should not be considered valid unless the changes are reviewed and the recommendations contain herein are verified and/or modified in writing by the undersigned. The undersigned will not be responsible for any claims, damages, or liability associated with interpretation of subsurface data or reuse of the subsurface data or engineering analysis contained herein without his written consent.

The provision of services by Despiau Associates is specific to only providing documentation in relation to geotechnical recommendations and specifications for this project. All other engineering or non-engineering specifications are not included in the service herein provided. The scheduled fee does not cover the provision of any services beyond the issue of this geotechnical report. All further documentation, certification or inspections will be charged at a separate quoted fee.

Also, if the geotechnical report is used for construction and/or to obtain a Construction Permit, it will be considered an acceptance by the client of all geotechnical specifications and recommendations contained.

Respectfully Submitted,

DESPIAU ASSOCIATES

Jose R. Despiau, PE
Geotechnical Engineer

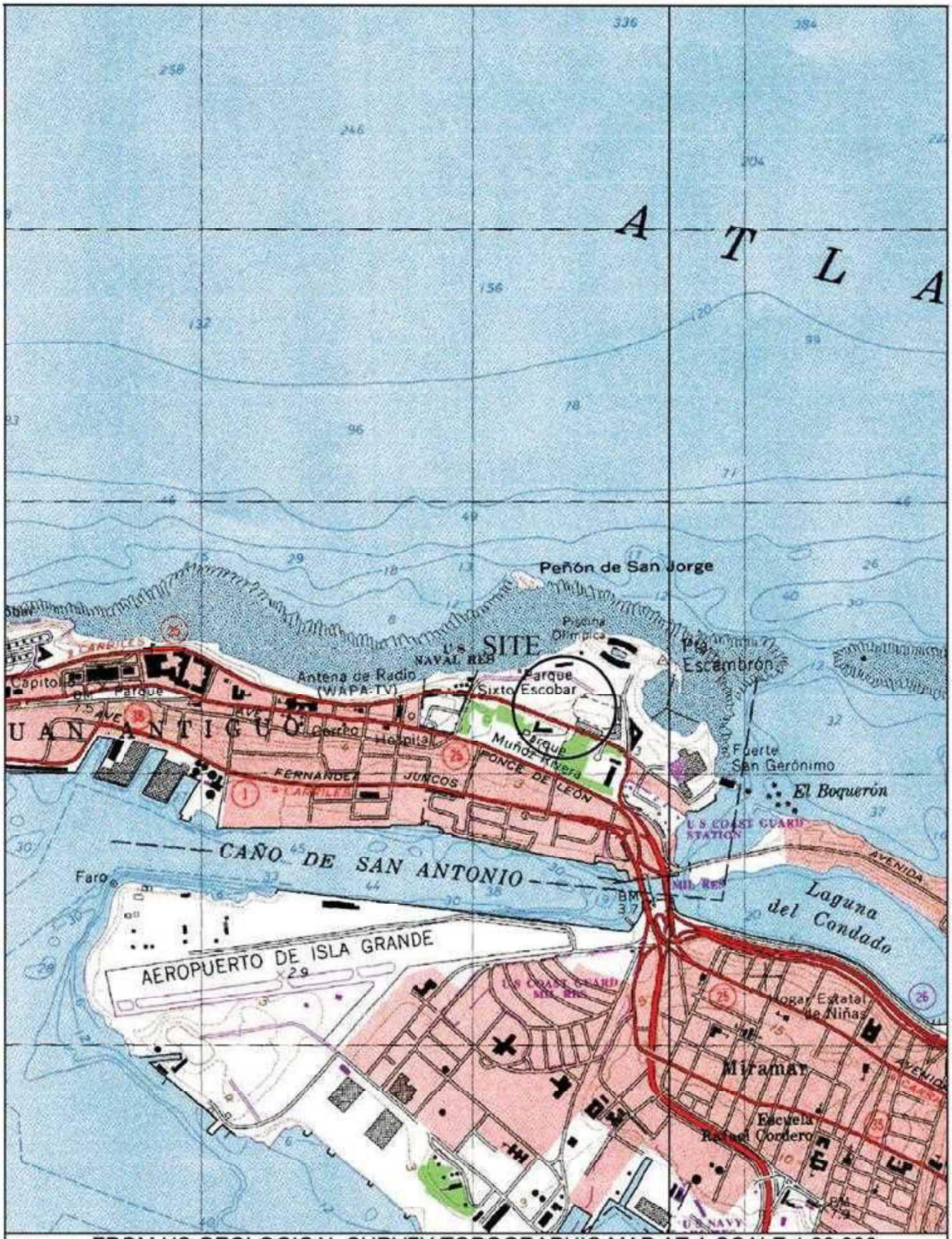
DA/22S4201

Appendix (A) – Figures
1. US Geological Survey Service Topographical plan at a scale 1:20,000
1A. Geological Map
2. Boring Location Plan

Appendix (1) - Boring Logs
Appendix (2) - Fill Specifications
Appendix (3) - Special Laboratory Tests
Appendix (4) – Geofoam Technical Data

APPENDIX (A)

Figures



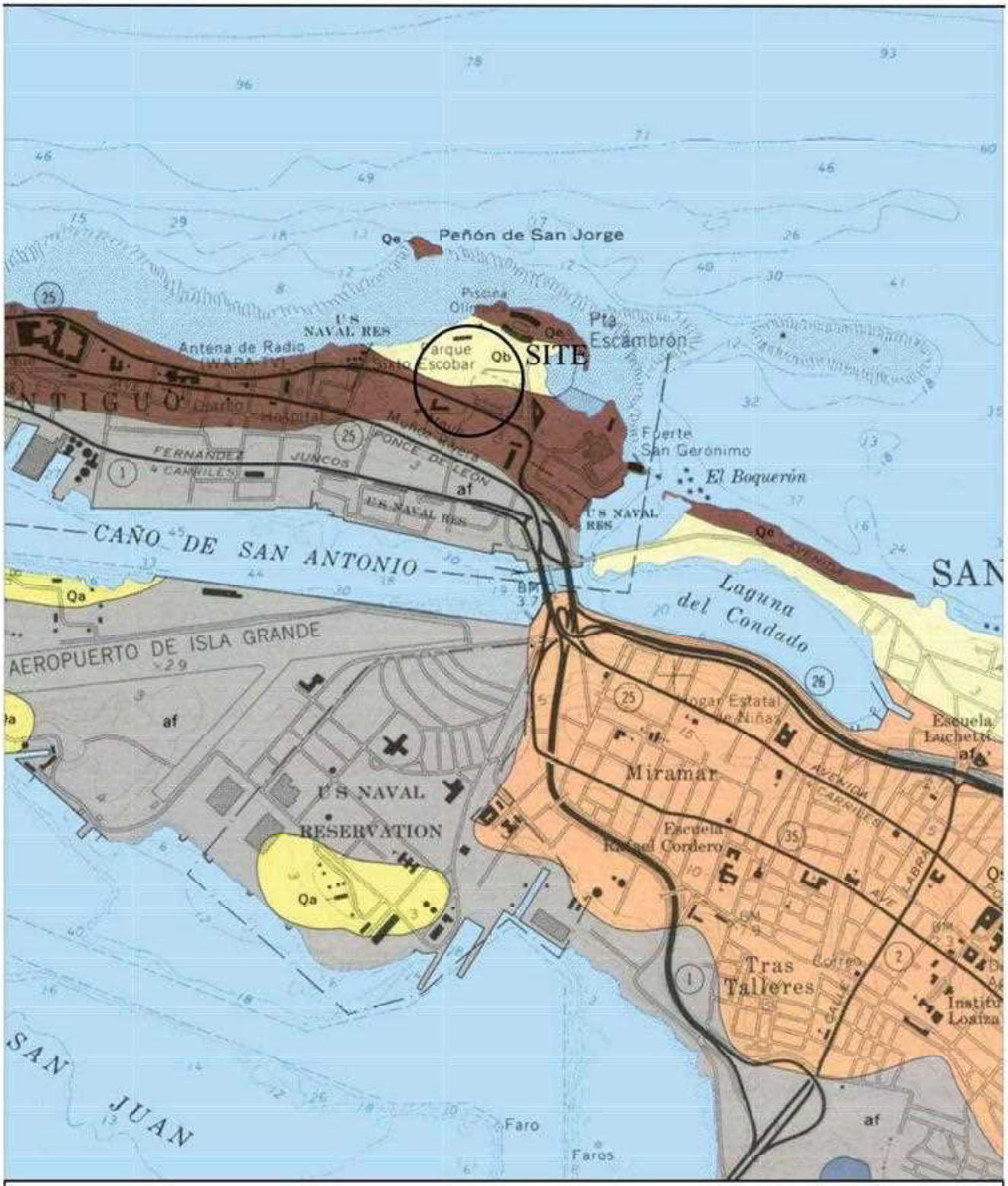
FROM US GEOLOGICAL SURVEY TOPOGRAPHIC MAP AT A SCALE 1:20,000

DESPIAU ASSOCIATES CORP.
SOIL/GEOTECHNICAL ENGINEERING LABORATORIES
P.O. BOX 260370, San Juan, Puerto Rico 00926-2622 / (787) 281-0686

SITE PLAN

GEOTECHNICAL ENGINEERIN & SUBSURFACE EXPLORATORY SERVICE
FOR THE PROPOSED ESCAMBRÓN SKATE PARK FACILITIES
OF THE MUNICIPALITY OF SAN JUAN, PUERTO RICO
REFERENCE NO. DA/2254201

1



NOTE:
THE GEOLOGICAL UNITS IDENTIFIED AT OR IN THE VICINITY OF THE PROJECT ARE INDICATED IN THE US GEOLOGICAL SURVEY MAP OF THE I-1010 OF THE SAN JUAN QUADRANGLE PREPARED BY MAURICE H. PEASE, JR AND WATSON H. MONROE (1977) FOR THE US DEPARTMENT OF INTERIOR.

SCALE: NOT TO SCALE.

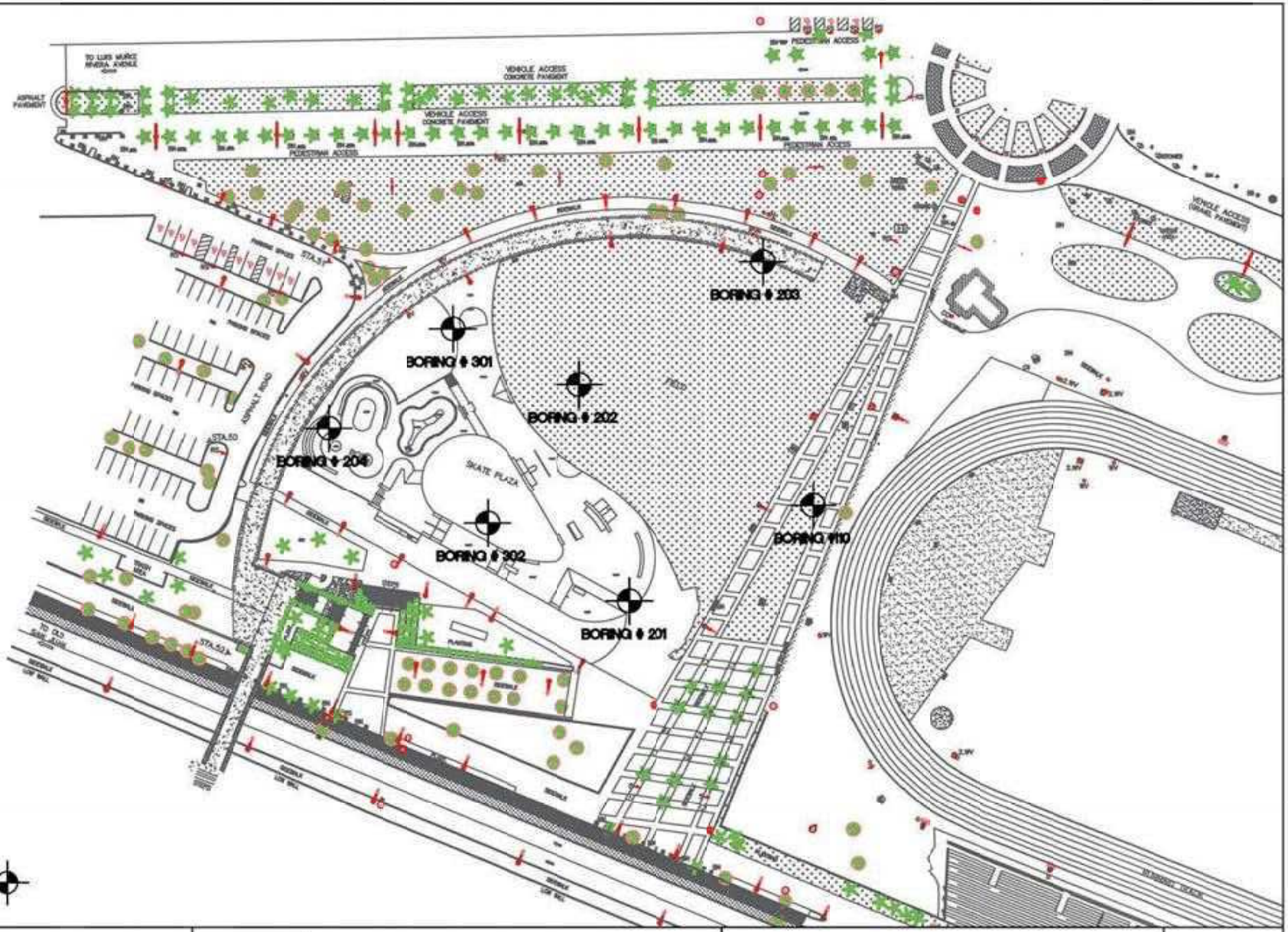
FROM US GEOLOGICAL SURVEY GEOLOGICAL MAP (I-1010)

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SOIL/GEOTECHNICAL ENGINEERING LABORATORIES
P.O. BOX 260370, San Juan, Puerto Rico 00926-2622 / (787) 281-0686

SITE PLAN

GEOTECHNICAL ENGINEERIN & SUBSURFACE EXPLORATORY SERVICE
FOR THE PROPOSED ESCAMBRÓN SKATE PARK FACILITIES
OF THE MUNICIPALITY OF SAN JUAN, PUERTO RICO.
REFERENCE NO. DA/22S4201

1a



NOTE:
THIS DRAWING WAS PROVIDED BY THE CLIENT AND WAS USED TO ILLUSTRATE THE APPROXIMATE BORING LOCATION.

SCALE:
NOT TO SCALE - REDUCE FROM ORIGINAL

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OF THE MUNICIPALITY OF SAN JUAN, PUERTO RICO.
REFERENCE NO. DA/22S4201

APPENDIX (1)

Boring Logs

FIELD EXPLORATION DESCRIPTION

The boring locations were marked by a representative of Despiau Associates Corp. using a measuring wheel and referencing existing site features shown on the site plan provided to us. Boring elevation information was not provided. The locations of the borings should be considered accurate only to the degree implied by the means and methods used to define them.

The soil test borings were performed by a trailer-mounted CME 55 power drilling rig utilizing mud rotary drilling procedures to advance the boreholes. The drilling tools were removed from the borehole and representative soil samples were obtained continuously in the upper 10 ft. and thereafter, at approximately 5 ft. intervals using split-barrel sampling procedures. All soil samples were taken with a 2"-O.D. split barrel sampler following the standard penetration test procedures in ASTM D-1586. The split-barrel sampler was driven into the ground with a 140-pound hammer falling 30" inches. After seating the sampler six inches at the bottom of the borehole to penetrate any loose cuttings, the sampler is driven an additional 12 inches. The number of blows required to advance the sampling spoon the last 12 inches is recorded as the standard penetration resistance value (N-value). These N-values are indicated on the boring logs at the depths of occurrence.

The samples were tagged for identification, sealed to reduce moisture loss, and taken to our laboratory for further examination, testing, and classification. Information provided on the boring logs attached to this report includes soil descriptions, consistency evaluations, boring depths, sampling intervals, and groundwater conditions.

A field log of each boring was prepared by the drill crew. These logs included visual classifications of the materials encountered during drilling as well as the driller's interpretation of the subsurface conditions between samples. Final boring logs included with this report represent the engineer's interpretation of the field logs and include modifications based on laboratory observation and tests of the samples. Additional information provided on the boring logs attached to this report includes soil descriptions, consistency evaluations, boring depths, sampling intervals, and groundwater conditions.

ROUTINE LABORATORY TEST PROCEDURES

Routine laboratory testing was performed under the direction of a geotechnical engineer and included visual classification, moisture content, grain size analysis and Atterberg limits, as appropriate. The results of the special laboratory testing performed are shown on the borings logs and in Appendix C. Procedural standards noted above are for reference to methodology in general. In some cases, variations to methods are applied as a result of local practice or professional judgment. The following routine laboratories were performed on secured samples among others.

Classification

Visual-manual procedures, in accordance with ASTM D-2488 & D-2487, were employed to identify the subsoils at the site. Soils are described as one of the following: boulders, gravel, sand, silt, clay, organic soils and peat. Differentiation between the coarser soils is made by visual appreciation of predominant grain size. Fine grained soils (silt, clay, organic soils and peat) are partly identified using plasticity or dilatancy characteristics and the dry strength of the soil instead of the grain size.

Moisture Contents

The moisture content was determined for all samples obtained, and it is expressed in percentage of the given ratio of the weight of water and a given soil mass to the dry solid particles in it. The procedure used were in accordance to ASTM Designation D-2216.

Atterberg Limits

Designations: D-423 an D-424 establish respectively the standards for the determination of the liquid and plastic limits of the collected clayey samples. They are expressed as water contents and define the boundaries of three states in terms of "limits" as follows: (a) "liquid limit", the boundary between the liquid and the plastic states, and (b) "plastic limit", the boundary between the plastic and semi-solid states.

Volume Changes

Swelling characteristics are obtained in order to permit the expeditious identification of foundation soils which could be potentially troublesome due to excessive volume changes as shrinkage and swelling. The ratio of sample volume to its dry volume is recorded while immerse in distilled water for a period of 24 hours.

Unconfined Compressive Strengths (q-u)

A measure of shear strength was obtained for all cohesive soils sampled, where possible. The shear strength was determined either using a calibrated penetrometer, the unconfined compressive strength tester or the spring.

Free Swell Tests

The free swell tests are made in accordance to the procedures of the US Bureau of Reclamation, which provide percent total volume change from dry to saturated conditions.

DESCRIPTIVE TERMINOLOGY CONSISTENCY OF COHESIVE SOILS AND RELATIVE DENSITY OF GRANULAR SOILS

To approximate the consistency of fine grained soils (soft, medium, stiff, very stiff, hard), a simple test is performed with the hand: a hard fine grain soil is difficult to indent with the thumbnail, a very stiff soil can be indented by the thumbnail, stiff soils are readily indented with the thumb, medium soils can be penetrated by moderate thumb pressure, soft soils are easily penetrated with the thumb, and soft soils run between the fingers when squeezed.

The consistency of cohesive soils has also been correlated to the results of the Standard Penetration Test, as shown below. The correlation, however, is greatly affected by the clay structures and factors as sensitivity.

TABLE 1 - DESCRIPTION OF SOIL DENSITY AND CONSISTENCY

COARSE GRAINED SOILS

Range of Standard Penetration Resistance (BPF)	Relative Density
0 - 4	Very loose
4 - 10	Loose
10 - 30	Medium
30 - 50	Dense
over 50	Very Dense

FINE GRAINED SOIL

Range of Standard Penetration Resistance (BPF)	Unconfined Compressive Strength (TSF)	Consistency
0 - 2	0 – 0.25	very soft
2 - 4	0.25 - 0.50	soft
4 - 8	0.50 - 1.00	medium
8 - 15	1.00 - 2.00	stiff
15 - 30	2.00 - 4.00	very stiff
over 30	over 4.00	hard

These are very approximate correlations which vary with, among other factors, overburden pressure, depth to water and grain size. These correlations are meaningless in soils with a significant amount of gravel or cobbles.

DESPIAU ASSOCIATES CORP.
Soil / Geotechnical Engineering Laboratories

BORING NO.: 301
SHEET: 1 of 3
LOCATION: San Juan, P.R.
NORTHING: -
EASTING: -

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 9/22/2022
GROUND ELEV.: -
DEPTH OF HOLE (ft.): 85
DRILL MACHINE: CME-55
DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

CASING: -
SAMPLER: SS
Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
0						Ground Surface								
	SS	1	3-27-31-20	58		**Silty Sand (Fill)**	75		6					
	SS	2	15-21-19-21	40		Dark grayish brown, grayish brown, pale brown silty sand, trace clay, some subangular gravel, trace cemented sands, trace asphalt.	100		11			18	2	A-1-b(0)/SM
5	SS	3	19-15-17-19	32			100		15					
	SS	4	11-12-13-12	25			100		14					
	SS	5	wh-2-1-2	3		**Sand and Peat**	67		17					
10														
15	SS	6	wh-wh-2	2		Light brownish gray, gray sand and black peat, few shells.	100		84					
	SS	7	2-3-3	6		Organic content: 71%	100		16	0.6				
20														
25	SS	8	3-1-1	2			100		24					
	SS	9	9-26-27	53		**Silty Sand**	83		13					
30														
35	SS	10	19-15-14	30		Brownish yellow, light brownish gray, olive yellow, gray silty sand, some cemented sands.	100		14					
	SS	11	8-5-1	6			83		18					
40														

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

DEPTH OF WATER BEFORE COMPLETION
DEPTH OF WATER AFTER 24 HOURS

DESPIAU ASSOCIATES CORP.
Soil / Geotechnical Engineering Laboratories

BORING NO.: 301
SHEET: 2 of 3
LOCATION: San Juan, P.R.
NORTHING: -
EASTING: -

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 9/22/2022
GROUND ELEV.: -
DEPTH OF HOLE (ft.): 85
DRILL MACHINE: CME-55
DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

CASING: -
SAMPLER: SS
Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
45	SS	12	6-5-9	14		Silty Clay	72		31					
50	SS	13	3-4-5	9		Yellow and white silty clay, some sand, some calcareous sandstone.	67		30					
55	SS	14	1-3-1	4			44		31					
60	SS	15	11-19-7	26			67		23					
65	SS	16	10-12-16	28		Silty Clay	56		27					
70	SS	17	13-12-15	27		Brownish yellow, pale yellow, white silty clay, some sand and calcareous sandstone.	78		24					
75	SS	18	11-13-10	20			89		21					
80	SS	19	13-14-18	32			72		31					

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

▼ DEPTH OF WATER BEFORE COMPLETION
▽ DEPTH OF WATER AFTER 24 HOURS

DESPIAU ASSOCIATES CORP.
Soil / Geotechnical Engineering Laboratories

BORING NO.: 301
SHEET: 3 of 3
LOCATION: San Juan, P.R.
NORTHING: -
EASTING: -

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 9/22/2022
GROUND ELEV.: -
DEPTH OF HOLE (ft.): 85
DRILL MACHINE: CME-55
DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

CASING: -
SAMPLER: SS
Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
85	SS	20	14-18-20	38		Same as Above	83		21					
90														
95														
100														
105														
110														
115														
120														

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

▼ DEPTH OF WATER BEFORE COMPLETION
▽ DEPTH OF WATER AFTER 24 HOURS

DESPIAU ASSOCIATES CORP.
Soil / Geotechnical Engineering Laboratories

BORING NO.: 302
SHEET: 1 of 2
LOCATION: San Juan, P.R.
NORTHING: -
EASTING: -

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 9/22/2022
GROUND ELEV.: -
DEPTH OF HOLE (ft.): 45
DRILL MACHINE: CME-55
DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

CASING: -
SAMPLER: SS
Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
0						Ground Surface								
	SS	1	2-9-19-21	28		**Silty Sand and Silty Clay** Red, brown, very pale brown, grayish brown silty sand, trace clay, trace asphalt. Red, brownish yellow and white mottled silty clay, some sand.	83		10					
	SS	2	10-13-13-12	26			100		16	1.6				
5	SS	3	3-4-7-7	11		**Silty Sand**	50		19			NP	NP	A-1-6(0)SP-SC
	SS	4	3-4-6-6	10		Brown, light brownish gray, olive gray, olive brown, gray silty sand, some clay with peat inclusions.	75		18	1.0				
	SS	5	2-3-4-6	7			100		17					
10						Organic content: 15%								
	SS	6	2-3-2	5			100		22					
15						**Silty Sand**								
	SS	7	36-19-17	36			56		18					
20														
	SS	8	75/3"	-		Very pale brown, pale yellow, dark reddish brown, brownish yellow silty sand, some cemented sands.	100		11					
25														
	SS	9	29-20-12	32			67		30					
30														
	SS	10	8-24-22	46			89		14					
35						**Silty Clay** Strong brown, yellowish brown, white, yellow mottled silty clay, some sand, trace clay, trace calcareous rock.								
	SS	11	44-45-52	98			78		21	3.7				
40														

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

▼ DEPTH OF WATER BEFORE COMPLETION
▽ DEPTH OF WATER AFTER 24 HOURS

DESPIAU ASSOCIATES CORP.
Soil / Geotechnical Engineering Laboratories

BORING NO.: 302
SHEET: 2 of 2
LOCATION: San Juan, P.R.
NORTHING: -
EASTING: -

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 9/22/2022
GROUND ELEV.: -
DEPTH OF HOLE (ft.): 45
DRILL MACHINE: CME-55
DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

CASING: -
SAMPLER: SS
Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
45	SS	12	12-22-30	52		**Same as above** Yellowish brown and white silty clay, trace sand, trace calcareous rock.	100		29	1.4				
50														
55														
60														
65														
70														
75														
80														

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

DEPTH OF WATER BEFORE COMPLETION
DEPTH OF WATER AFTER 24 HOURS

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Soil / Geotechnical Engineering Laboratories

BORING NO.: 201
SHEET: 1 of 1
LOCATION: San Juan, P.R.
NORTHING: 269995.804
EASTING: 236265.136

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 3/8/2022

CASING: -
SAMPLER: SS
GROUND ELEV.: -

Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
DEPTH OF HOLE (ft.): 30

Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.
DRILL MACHINE: CME-55

DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
0						Ground Surface								
	SS	1	10-16-17-12	33		**Sand** Brown sand, some cemented sands.	-		4					
	SS	2	8-8-7-8	15		**Silty Sand** Pale brown and yellowish red silty sand, trace clay, some cemented sands.	-		7					
5	SS	3	11-11-10-8	21		**Sand**	-		15					
	SS	4	4-4-4-7	8		Dark brown and light gray sand.	-		17					
	SS	5	4-6-6-5	12			-		17					
10														
	SS	6	7-3-4	7		**Clayey Sand** Light red and pale yellow clayey sand.	-		19					
15														
	SS	7	3-3-4	7			-		20					
20														
	SS	8	47-25-40	65		**Silty Sand** Pale yellow silty sand and cemented sands.	-		17					
25														
	SS	9	75/4"	-			-		10					
30						NOTE: Sandstone was broken by the sampling device into the described constituents.								
35														
40														

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

▼ DEPTH OF WATER BEFORE COMPLETION
▽ DEPTH OF WATER AFTER 24 HOURS

DESPIAU ASSOCIATES CORP.
Soil / Geotechnical Engineering Laboratories

BORING NO.: 202
SHEET: 1 of 2
LOCATION: San Juan, P.R.
NORTHING: 270035.250
EASTING: 236256.557

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 3/9/2022
GROUND ELEV.: -
DEPTH OF HOLE (ft.): 45
DRILL MACHINE: CME-55
DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

CASING: -
SAMPLER: SS
Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
0						Ground Surface								
	SS	1	10-10-20-24	30		**Sand (Fill)** Brown sand, trace cemented sands.	-		6					
	SS	2	18-15-14-13	29		**Silty Sand (Fill)** Pale brown, grayish brown, reddish brown silty sand,	-		14					
5	SS	3	15-28-31-23	59		trace clay, some cemented sands with debris (e.g., clay bricks).	-		13					
	SS	4	6-6-6-11	12		**Sand**	-		18					
	SS	5	9-6-6-6	12			-		15					
10														
	SS	6	6-9-6	15		Dark grayish, dark gray and brown sand, many black peat inclusions.	-		21					
15														
	SS	7	3-4-3	7			-		17					
20														
	SS	8	2-1-1	2		**Silty, Clayey Sand** Olive gray silty, clayey sand	-		20			18	4	A-2-4(0)/SC-SM
25														
	SS	9	1-12-17	29		**Silty Sand**	-		21					
30														
	SS	10	12-11-9	20		Light olive gray, pale brown, brownish yellow silty sand, trace coral fragments, few shells.	-		18					
35														
	SS	11	12-6-25	31			-		19					
40														

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

DEPTH OF WATER BEFORE COMPLETION
DEPTH OF WATER AFTER 24 HOURS

DESPIAU ASSOCIATES CORP.
Soil / Geotechnical Engineering Laboratories

BORING NO.: 202
SHEET: 2 of 2
LOCATION: San Juan, P.R.
NORTHING: 270035.250
EASTING: 236256.557

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 3/9/2022
GROUND ELEV.: -
DEPTH OF HOLE (ft.): 45
DRILL MACHINE: CME-55
DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

CASING: -
SAMPLER: SS
Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
45	SS	12	13-19-36	55		**Sandy Silty Clay** Brownish yellow and white sandy silty clay and calcareous sandstone.	-		16					
50														
55														
60														
65														
70														
75														
80														

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

▼ DEPTH OF WATER BEFORE COMPLETION
▽ DEPTH OF WATER AFTER 24 HOURS

DESPIAU ASSOCIATES CORP.

Soil / Geotechnical Engineering Laboratories

BORING NO.: 203
SHEET: 1 of 2
LOCATION: San Juan, P.R.
NORTHING: 270062.396
EASTING: 236271.588

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 3/8/2022

CASING: -
SAMPLER: SS
GROUND ELEV.: -

Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
DEPTH OF HOLE (ft.): 45

Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.
DRILL MACHINE: CME-55

DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
0						Ground Surface								
	SS	1	5-12-26-15	38		**Sandy Silt** Dark brown to very dark brown sandy silt, some clay, some subangular gravel.	-		22					
	SS	2	8-13-16-18	29			-		16	0.5				
5	SS	3	15-12-11-14	23		**Silty Sand** Brown silty sand, some cemented sands.	-		19	1.7				
	SS	4	5-8-10-14	18		**Sandy Silty Clay** Dark gray, dark reddish brown, very dark grayish brown sandy silty clay, some subangular gravel.	-		19		▽			
	SS	5	7-7-7-5	14		**Silty Sand** Dark grayish brown and pale brown silty sand, trace cemented sands with peat inclusions.	-		18					
10														
	SS	6	1-1-2	3		**Sand and Peat**	-		337					
15						Dark gray sand and black peat.								
	SS	7	1-6-2	8			-		90					
20						**Clayey Sand**								
	SS	8	2-2-2	4		Light gray clayey sand, trace cemented sands.	-		20					
25						**Silty Sand**								
	SS	9	26-41-26	67		Gray to dark gray, light olive gray silty sand and coral fragments.	-		13					
30														
	SS	10	13-9-15	24			-		18					
35						**Silty Sand**								
	SS	11	15-16-50/4"	-		Yellow silty sand, some cemented sands and calcareous sandstone.	-		15					
40														

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

▽ DEPTH OF WATER BEFORE COMPLETION
▽ DEPTH OF WATER AFTER 24 HOURS

DESPIAU ASSOCIATES CORP.
Soil / Geotechnical Engineering Laboratories

BORING NO.: 203
SHEET: 2 of 2
LOCATION: San Juan, P.R.
NORTHING: 270062.396
EASTING: 236271.588

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 3/8/2022

CASING: -
SAMPLER: SS
GROUND ELEV.: -

Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
DEPTH OF HOLE (ft.): 45

Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.
DRILL MACHINE: CME-55

DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
45	SS	12	18-8-50	58		Silty Sand Yellow silty sand, some cemented sands and calcareous sandstone.	-		14					
						NOTE: Sandstone was broken by the sampling device into the described constituents.								
50														
55														
60														
65														
70														
75														
80														

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

▼ DEPTH OF WATER BEFORE COMPLETION
▽ DEPTH OF WATER AFTER 24 HOURS

DESPIAU ASSOCIATES CORP.
Soil / Geotechnical Engineering Laboratories

BORING NO.: 204
SHEET: 1 of 1
LOCATION: San Juan, P.R.
NORTHING: 270041.107
EASTING: 236221.872

PROJECT: Escambron Skate Park
REFERENCE NO.: DA/22S4201
DATE: 3/8/2022
GROUND ELEV.: -
DEPTH OF HOLE (ft.): 40
DRILL MACHINE: CME-55
DRILLER: A. Ferrer
DRILL METHOD: 5-5/8" Auger

CASING: -
SAMPLER: SS
Hammer Weight (lb.): -
Drop (in.): -
Hammer Weight (lb.): 140
Drop (in.): 30
Type : -
Size : -
Type: Split Spoon Sampler
Size: 1-3/8" I.D.

Depth (ft)	Sampler	Sample No.	Blows/6 in	SPT N-Value	Symbol	Material Description	% Recovery	R.Q.D.	Water Content (%)	qu	Water Level	Liquid Limit	Plasticity Index	Soil Classification
0						Ground Surface								
	SS	1	9-21-27-25	48		**Silty Sand (Fill)**			9					
	SS	2	19-13-11-9	24		Dark grayish brown, grayish brown, dark reddish brown silty sand, some subangular gravel, some concrete debris, few roots (-).			11					
5	SS	3	12-19-23-21	42					13					
	SS	4	9-12-13-7	25		**Sand** Grayish brown sand, trace clay.			17					
	SS	5	7-7-8-9	15					13					
10						**Silty Sand**								
15	SS	6	4-2-1	3					27			18	6	A-2-4(0)/SM
	SS	7	2-2-1	3		Dark grayish brown, dark brown, light olive gray, dark gray silty sand, some clay, few peat, few shells.			18					
20	SS	8	1-2-1	3					16					
25	SS	9	23-20-20	40		**Silty Sand** Brownish yellow silty sand and cemented sands.			15					
30	SS	10	26-35-23	59					13					
35	SS	11	75/2"	-		NOTE: Cemented sand was broken by the sampling device into the described constituents.			-					
40														

q_u (TSF) - UNCONFINED COMPRESSION STRENGTH
wh = WEIGHT OF HAMMER TO DRIVE SAMPLE
W_n = NATURAL WATER CONTENT IN PERCENT OF DRY WEIGHT

▼ DEPTH OF WATER BEFORE COMPLETION
▽ DEPTH OF WATER AFTER 24 HOURS

APPENDIX (2)

Earthwork Specifications

GENERAL EARTHWORK AND GRADING SPECIFICATIONS FOR PREPARATION EXCAVATION, FILLING AND GRADING

1.0 General

1.1 Intent

These General Earthwork and Grading Specifications are for the grading and earthwork shown on the approved grading plan(s) and/or indicated in the geotechnical report(s). These Specifications are a part of the recommendations contained in the geotechnical report(s). In case of conflict, the specific recommendations in the geotechnical report shall supersede these more general Specifications. Observations of the earthwork by the project Geotechnical Consultant during the course of grading may result in new or revised recommendations that could supersede these specifications or the recommendations in the geotechnical report(s).

1.2 The Geotechnical Consultant of Record

Prior to commencement of work, the owner shall employ the Geotechnical Consultant of Record (Geotechnical Consultant). The Geotechnical Consultants shall be responsible for reviewing the approved geotechnical report(s) and accepting the adequacy of the geotechnical findings, conclusions, and recommendations prior to the commencement of the grading.

Prior to commencement of grading, the Geotechnical Consultant shall review the "work plan" prepared by the Earthwork Contractor (Contractor) and schedule sufficient personnel to perform the appropriate level of observation, mapping, and compaction testing.

During the grading and earthwork operations, the Geotechnical Consultant shall observe, map, and document the subsurface exposures to verify the geotechnical design assumptions. If the observed conditions are found to be significantly different than the interpreted assumptions during the design phase, the Geotechnical Consultant shall inform the owner, recommend appropriate changes in design to accommodate the observed conditions, and notify the review agency where required. Subsurface areas to be geotechnically observed, mapped, elevations recorded, and/or tested include natural ground after it has been cleared for receiving fill but before fill is placed, bottoms of all "remedial removal" areas, all key bottoms, and benches made on sloping ground to receive fill.

The Geotechnical Consultant shall observe the moisture-conditioning and processing of the subgrade and fill materials and perform relative compaction testing of fill to determine the attained level of compaction. The Geotechnical Consultant shall provide the test results to the owner and the Contractor on a routine and frequent basis.

1.3 The Earthwork Contractor

The Earthwork Contractor (Contractor) shall be qualified, experienced, and knowledgeable in earthwork logistics, preparation and processing of ground to receive fill, moisture-conditioning and processing of fill, and compacting fill. The Contractor shall review and accept the plans, geotechnical report(s), and these Specifications prior to commencement of grading. The Contractor shall be solely responsible for performing the grading in accordance with the plans and specifications.

The Contractor shall prepare and submit to the owner and the Geotechnical Consultant a work plan that indicates the sequence of earthwork grading, the number of "spreads" of work and the estimated quantities of daily earthwork contemplated for the site prior to commencement of grading. The Contractor shall inform the owner and the Geotechnical Consultant of changes in work schedules and updates to the work plan at least 24 hours in advance of such changes so that appropriate observations and tests can be planned and accomplished. The Contractor shall not assume that the Geotechnical Consultant is aware of all grading operations.

The Contractor shall have the sole responsibility to provide adequate equipment and methods to accomplish the earthwork in accordance with the applicable grading codes and agency ordinances, these Specifications, and the recommendations in the approved geotechnical report(s) and grading plan(s). If, in the opinion of the Geotechnical Consultant, unsatisfactory conditions, such as unsuitable soil, improper moisture condition, inadequate compaction, insufficient buttress key size, adverse weather, etc., are resulting in a quality of work less than required in these specifications, the Geotechnical Consultant shall reject the work and may recommend to the owner that construction be stopped until the conditions are rectified.

2.0 Preparation of Areas to be Filled

2.1 Clearing and Grubbing

Vegetation, such as brush, grass, roots, and other deleterious material shall be sufficiently removed and properly disposed of in a method acceptable to the owner, governing agencies, and the Geotechnical Consultant.

The Geotechnical Consultant shall evaluate the extent of these removals depending on specific site conditions. Earth fill material shall not contain more than 1 percent of organic materials (by volume). No fill lift shall contain more than 5 percent of organic matter. Nesting of the organic materials shall not be allowed.

If potentially hazardous materials are encountered, the Contractor shall stop work in the affected area, and a hazardous material specialist shall be informed immediately for proper evaluation and handling of these materials prior to continuing to work in that area.

As presently defined by the State of California, most refined petroleum products (gasoline, diesel fuel, motor oil, grease, coolant, etc.) have chemical constituents that are considered to be hazardous waste. As such, the indiscriminate dumping or spillage of these fluids onto the ground may constitute a misdemeanor, punishable by fines and/or imprisonment, and shall not be allowed.

2.2 Processing

Existing ground that has been declared satisfactory for support of fill by the Geotechnical Consultant shall be scarified to a minimum depth of 6 inches. Existing ground that is not satisfactory shall be overexcavated as specified in the following section. Scarification shall continue until soils are broken down and free of large clay lumps or clods and the working surface is reasonably uniform, flat, and free of uneven features that would inhibit uniform compaction.

2.3 Overexcavation

In addition to removals and overexcavations recommended in the approved geotechnical report(s) and the grading plan, soft, loose, dry, saturated, spongy, organic-rich, highly fractured or otherwise unsuitable ground shall be overexcavated to competent ground as evaluated by the Geotechnical Consultant during grading.

2.4 Benching

Where fills are to be placed on ground with slopes steeper than 5:1 (horizontal to vertical units), the ground shall be stepped or benched. Please see the Standard Details for a graphic illustration. The lower bench or key shall be a minimum of 15 feet wide and at least 2 feet deep, into competent material as evaluated by the Geotechnical Consultant. Other benches shall be excavated a minimum height of 4 feet into competent material or as otherwise recommended by the Geotechnical Consultant. Fill placed on ground sloping flatter than 5:1 shall also be benched or otherwise overexcavated to provide a flat subgrade for the fill.

2.5 Evaluation/Acceptance of Fill Areas

All areas to receive fill, including removal and processed areas, key bottoms, and benches, shall be observed, mapped, elevations recorded, and/or tested prior to being accepted by the Geotechnical Consultant as suitable to receive fill. The Contractor shall obtain a written acceptance from the Geotechnical Consultant prior to fill placement. A licensed surveyor shall provide the survey control for determining elevations of processed areas, keys, and benches.

3.0 Fill Material

3.1 General

Material to be used as fill shall be essentially free of organic matter and other deleterious substances evaluated and accepted by the Geotechnical Consultant prior to placement. Soils of poor quality, such as those with unacceptable gradation, high expansion potential, or low strength shall be placed in areas acceptable to the Geotechnical Consultant or mixed with other soils to achieve satisfactory fill material.

3.2 Oversize

Oversize material defined as rock, or other irreducible material with a maximum dimension greater than 8 inches, shall not be buried or placed in fill unless location, materials, and placement methods are specifically accepted by the Geotechnical Consultant. Placement operations shall be such that nesting of oversized material does not occur and such that oversize material is completely surrounded by compacted or densified fill. Oversize material shall not be placed within 10 vertical feet of finish grade or within 2 feet of future utilities or underground construction.

3.3 Import

If importing of fill material is required for grading, proposed import material shall meet the requirements of Section 3.1. The potential import source shall be given to the Geotechnical Consultant at least 48 hours (2 working days) before importing begins so that its suitability can be determined, and appropriate tests performed.

4.0 Fill Placement and Compaction

4.1 Fill Layers

Approved fill material shall be placed in areas prepared to receive fill (per Section 3.0) in near-horizontal layers not exceeding 8 inches in loose thickness. Each layer shall be spread evenly and mixed thoroughly to attain relative uniformity of material and moisture throughout.

4.2 Fill Moisture Conditioning

Fill soils shall be watered, dried back, blended, and/or mixed, as necessary to attain a relatively uniform moisture content at or slightly over optimum. Maximum density and optimum soil moisture content tests shall be performed in accordance with the American Society of Testing and Materials (ASTM Test Method D1557). At the time of compaction, the material in each layer of fill shall have moisture content within 2% of optimum moisture content for compaction, as determined by ASTM D-1557 for determining the moisture-density relationship of the fill material

4.3 Compaction of Fill

After each layer has been moisture-conditioned, mixed, and evenly spread, it shall be uniformly compacted to not less than 95 % percent of maximum dry density (ASTM Test Method D1557).

For sectors within non-load-bearing areas shall be uniformly compacted to at least 90% of the modified Proctor Maximum Density for each lift, unless otherwise required in the geotechnical report. Any lift, or portion thereof, which is not compacted in accordance with the specifications, shall be compacted or removed and replaced to the satisfaction of the Geotechnical Engineer. The degree of compaction of each lift shall be checked by the Engineer and each successive lift shall not be placed or compacted until the previous lift is inspected, tested and approved by the Engineer.

Compaction equipment shall be adequately sized and be either specifically designed for soil compaction or of proven reliability to efficiently achieve the specified level of compaction with uniformity. It is the responsibility of the Contractor to select, furnish and properly maintain equipment which will compact the fill uniformly to the required density, however, the Contractor's selection of equipment is subject to approval by the Engineer. No fill shall be placed until approved compaction equipment is on the site and working condition.

4.4 Compaction of Fill Slopes

In addition to normal compaction procedures specified above, compaction of slopes shall be accomplished by back-rolling of slopes with sheepsfoot rollers at increments of 3 to 4 feet in fill elevation, or by other methods producing satisfactory results acceptable to the Geotechnical Consultant. Upon completion of grading, relative compaction of the fill, out to the slope face, shall be at least 95 % percent of maximum density per ASTM Test Method D1557.

Existing ground slope surfaces, to be covered by the fill shall be scarified into steps or benches and the fill progresses in order to provide a bond and avoid any shear failure along the fill/natural ground interface. Slopes shall not be steeper than 2.0 to 1.0 (Horizontal to Vertical units). Drainage other than storm water falling directly to slope shall not be permitted to cut

across slope areas. Protection of slopes by planting of grass and shrubs shall be performed immediately upon their completion. Special sloping requirement may be established in the geotechnical report.

4.5 Erosion Protection

Embankment fills with slopes steeper than 1.5H: 1.0V (Horizontal: Vertical) shall be protected from runoff and erosion by an appropriate type of vegetation cover. This may be performed by hydro mulching in such a way as to cover the soil as fast as possible until evidence of "catch" or uniform stand to prevent erosion is achieved, at which time final acceptance will be given. The Contractor shall properly water, mow, and otherwise maintain all treated areas until final acceptance.

4.6 Benching

When embankment is to be placed and compacted on hillsides or when new embankment is to be compacted against an existing embankment, or when an embankment is built one-half (1/2) width at a time, the slopes that are steeper than four to one (4:1) when measured at right angles shall be continuously benched over these areas as the work is brought up in layers. Benching shall be of enough width to permit operation if placing and compacting equipment. Each horizontal cut shall begin at the intersection of the original ground and the vertical sides of the previous cuts.

4.7 Compaction Testing

Field-tests for moisture content and relative compaction of the fill soils shall be performed by the Geotechnical Consultant. Location and frequency of tests shall be at the Consultant's discretion based on field conditions encountered. Compaction test locations will not necessarily be selected on a random basis. Test locations shall be selected to verify adequacy of compaction levels in areas that are judged to be prone to inadequate compaction (such as close to slope faces and at the fill/bedrock benches).

4.8 Frequency of Compaction Testing

Tests shall be taken at intervals not exceeding 2 feet in vertical rise and/or 1,000 cubic yards of compacted fill soils embankment. In addition, as a guideline, at least one test shall be taken on slope faces for each 5,000 square feet of slope face and/or each 10 feet of vertical height of slope. The Contractor shall assure that fill construction is such that the testing schedule can be accomplished by the Geotechnical Consultant. The Contractor shall stop or slow down the earthwork construction if these minimum standards are not met.

4.9 Compaction Test Locations

The Geotechnical Consultant shall document the approximate elevation and horizontal coordinates of each test location. The Contractor shall coordinate with the project surveyor to assure that sufficient grade stakes are established so that the Geotechnical Consultant can determine the test locations with sufficient accuracy. At a minimum, two grade stakes within a horizontal distance of 100 feet and vertically less than 5 feet apart from potential test locations shall be provided.

5.0 Drain Installation

Subdrain systems shall be installed in accordance with the approved geotechnical report(s), the grading plan, and the Standard Details. The Geotechnical Consultant may recommend additional subdrains and/or changes in subdrain extent, location, grade, or material depending on conditions encountered during grading. All subdrains shall be surveyed by a land surveyor/civil engineer for line and grade after installation and prior to burial. Sufficient time should be allowed by the Contractor for these surveys.

At all times the Contractor shall maintain and operate proper and adequate surface and subsurface drainage methods to the satisfaction of the Engineer in order to keep the construction site dry.

6.0 Excavation

Excavations, as well as over-excavation for remedial purposes, shall be evaluated by the Geotechnical Consultant during grading. Remedial removal depths shown on geotechnical plans are estimates only. The actual extent of removal shall be determined by the Geotechnical Consultant based on the field evaluation of exposed conditions during grading. Where fill-over-cut slopes are to be graded, the cut portion of the slope shall be made, evaluated, and accepted by the Geotechnical Consultant prior to placement of materials for construction of the fill portion of the slope, unless otherwise recommended by the Geotechnical Consultant.

7.0 Trench Backfills

7.1 Safety

The Contractor shall follow all OSHA and Cal/OSHA requirements for safety of trench excavations.

7.2 Bedding and Backfill

All bedding and backfill of utility trenches shall be performed in accordance with the applicable provisions of Standard Specifications of Public Works Construction. The bedding shall be placed to 1 foot over the top of the conduit and densified. Backfill shall be placed and densified to a minimum of 90 percent of relative compaction from 1 foot above the top of the conduit to the surface.

The Geotechnical Consultant shall test the trench backfill for relative compaction. At least one test should be made for every 300 feet of trench and 2 feet of fill.

7.3 Lift Thickness

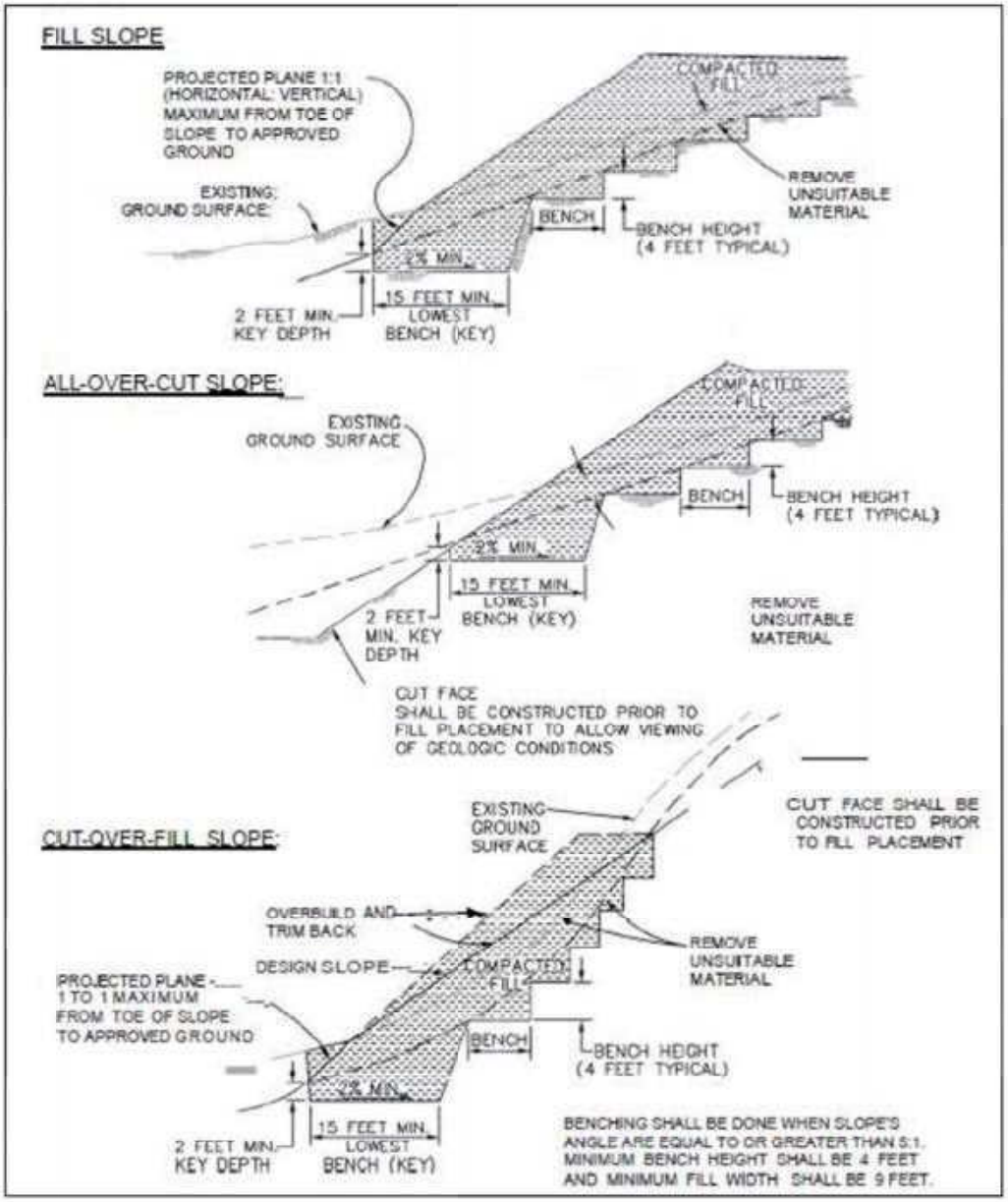
Lift thickness of trench backfill shall not exceed those allowed in the Standard Specifications of Public Works Construction unless the Contractor can demonstrate to the Geotechnical Consultant that the fill lift can be compacted to the minimum relative compaction

by his alternative equipment and method.

7.4 Observation and Testing

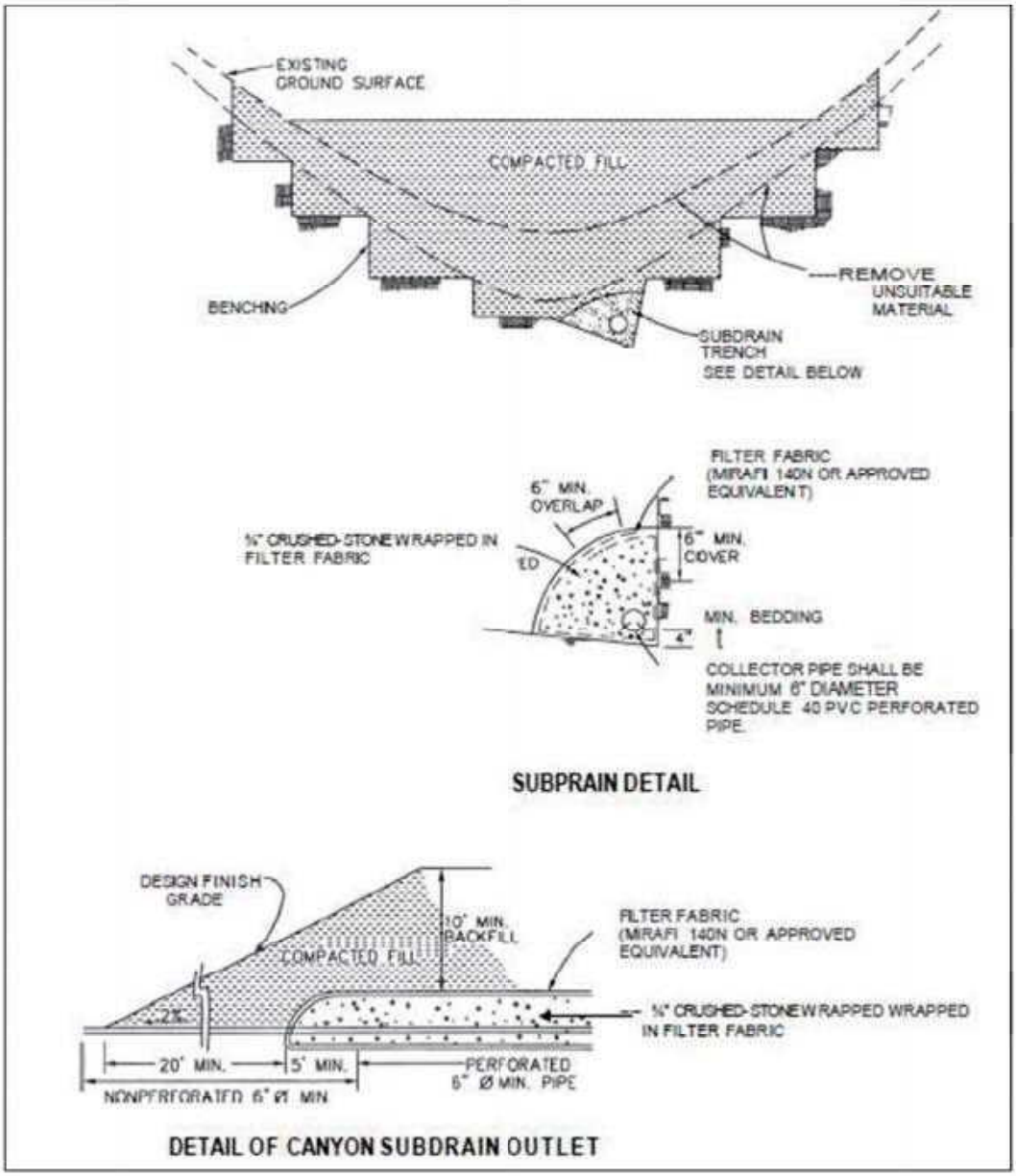
The densification of the bedding around the conduits shall be observed by the Geotechnical Consultant.

KEYING AND BENCHING



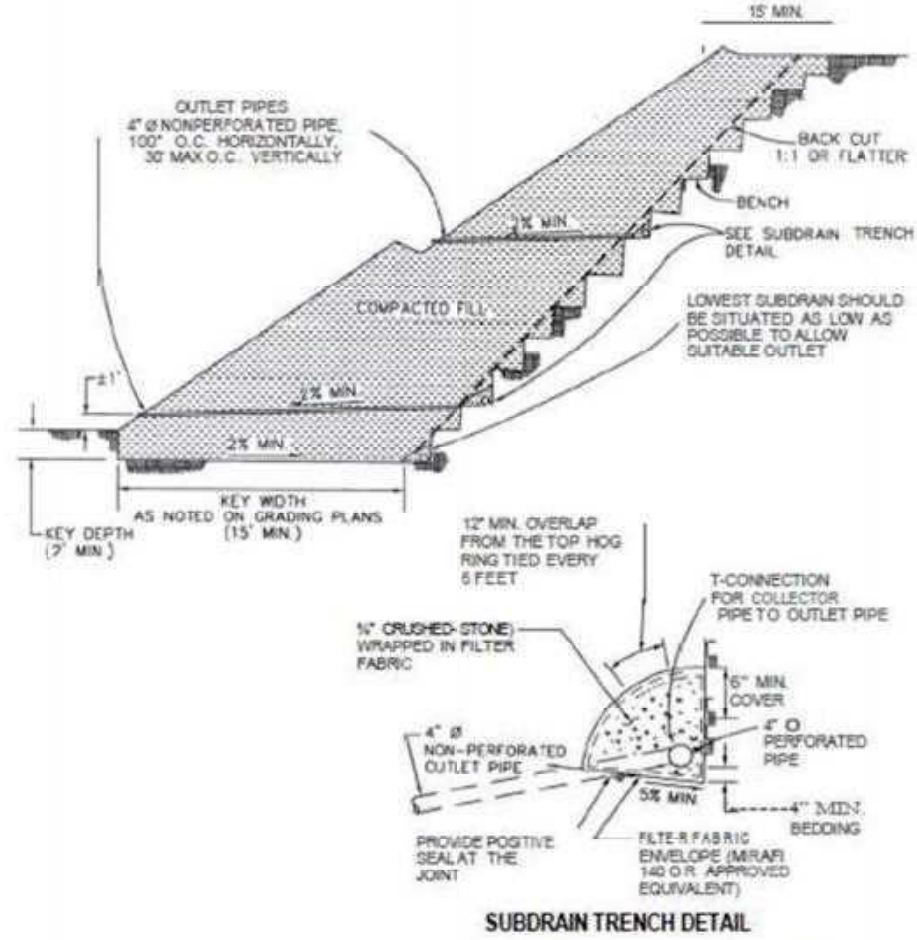
GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAIL "A"

SUBDRAINS



GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAIL " B"

BUTTRESS OR REPLACEMENT FILL SUBDRAINS



SUBDRAIN TRENCH DETAIL

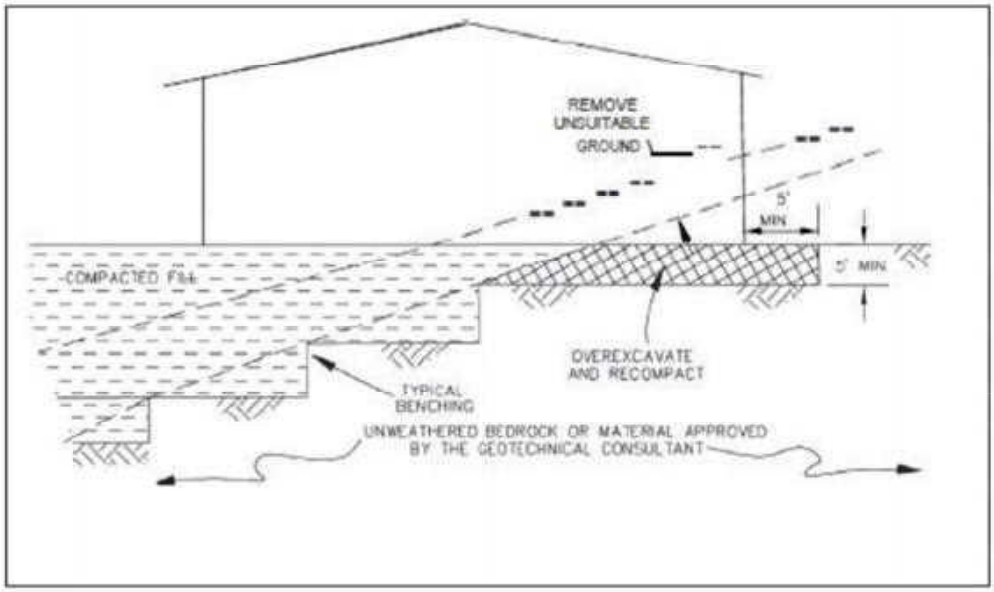
SUBDRAIN INSTALLATION - SUBDRAIN COLLECTOR PIPE SHALL BE INSTALLED WITH PERFORATION DOWN OR, UNLESS OTHERWISE DESIGNATED BY THE GEOTECHNICAL CONSULTANT. OUTLET PIPES SHALL BE NON-PERFORATED PIPE. THE SUBDRAIN PIPE SHALL HAVE AT LEAST 8 PERFORATIONS UNIFORMLY SPACED PER FOOT. PERFORATION SHALL BE 1/4" TO 1/2" IF DRILL HOLES ARE USED. ALL SUBDRAIN PIPES SHALL HAVE A GRADIENT OF AT LEAST 2% TOWARDS THE OUTLET.

SUBDRAIN PIPE - SUBDRAIN PIPE SHALL BE ASTM D2751, SDR 23.5 OR ASTM D1527, SCHEDULE 40, OR ASTM D3034, SDR 23.5, SCHEDULE 40 POLYVINYL CHLORIDE PLASTIC (PVC) PIPE.

ALL OUTLET PIPE SHALL BE PLACED IN O TRENCH NO WIDER THAN TWICE THE SUBDROIN PIPE.

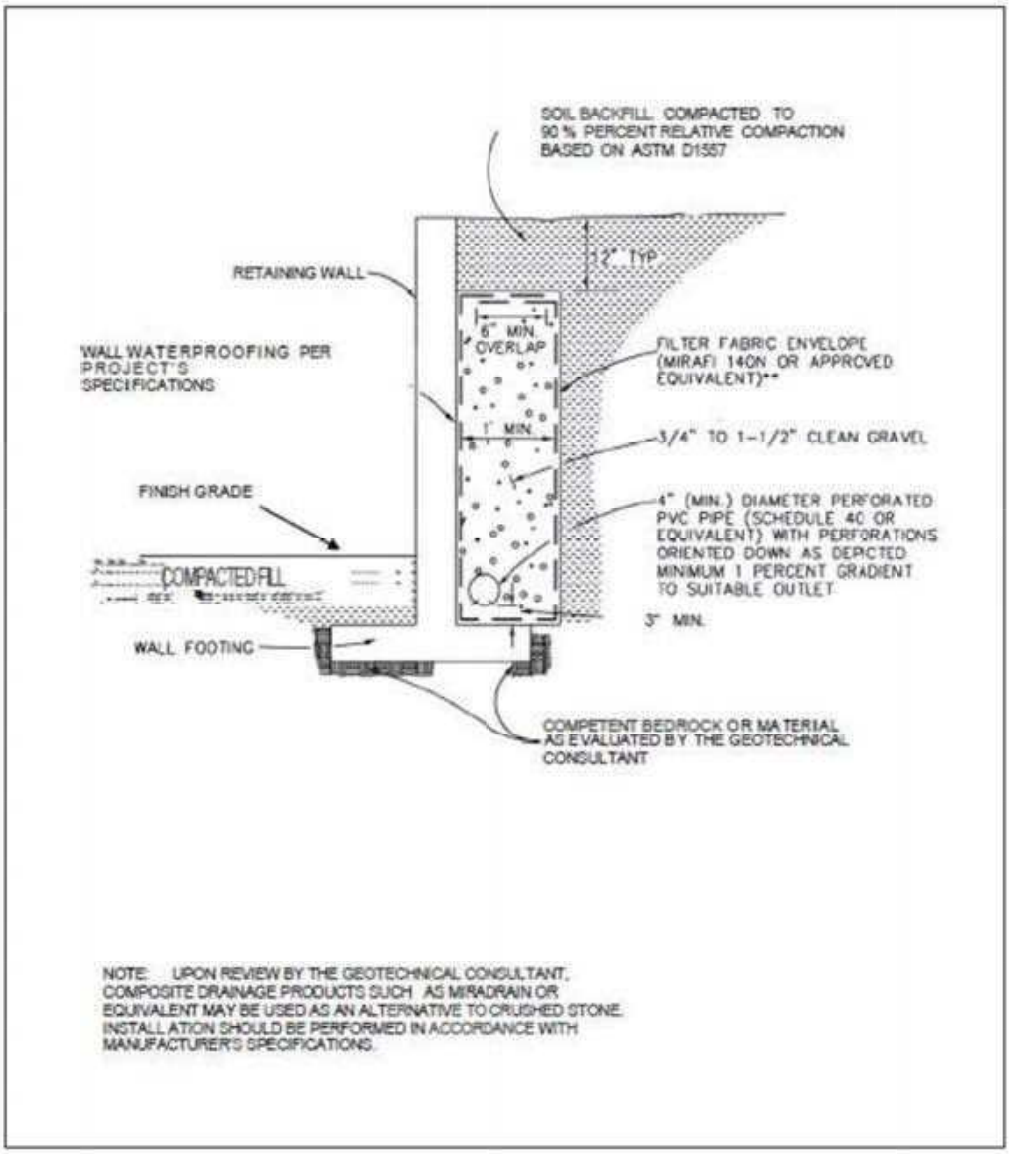
GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAIL " C"

CUT-FILL TRANSITION FILL OVEREXCAVATION



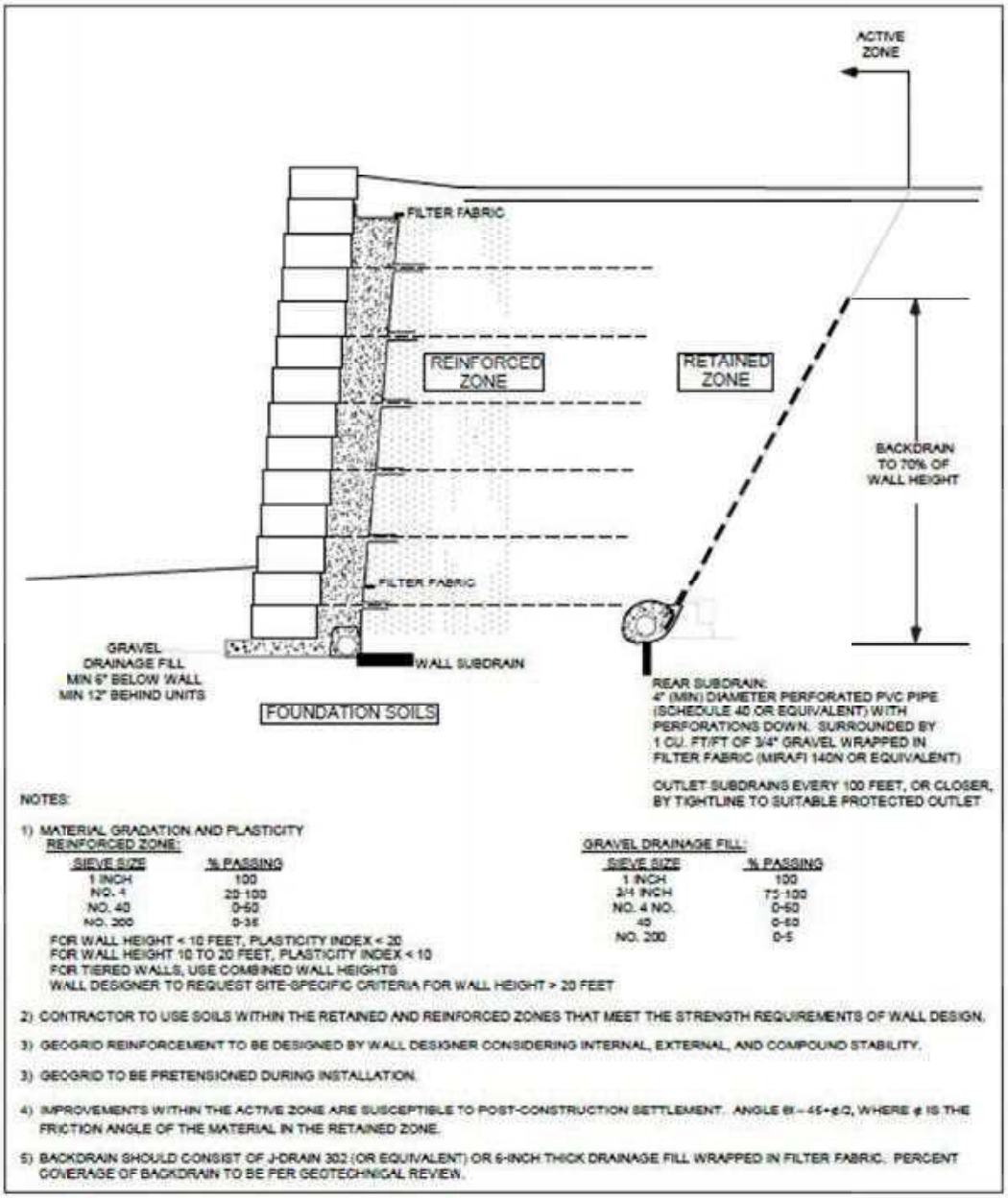
GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAIL " D"

RETAINING WALL DRAINAGE



GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAIL " E"

SEGMETNAL RETAINING WALL



NOTES:

1) MATERIAL GRADATION AND PLASTICITY

REINFORCED ZONE:

SIEVE SIZE	% PASSING
1 INCH	100
NO. 4	20-100
NO. 40	0-60
NO. 200	0-35

GRAVEL DRAINAGE FILL:

SIEVE SIZE	% PASSING
1 INCH	100
3/4 INCH	75-100
NO. 4 NO.	0-60
40	0-50
NO. 200	0-5

FOR WALL HEIGHT < 10 FEET, PLASTICITY INDEX < 20
FOR WALL HEIGHT 10 TO 20 FEET, PLASTICITY INDEX < 10
FOR TIERED WALLS, USE COMBINED WALL HEIGHTS
WALL DESIGNER TO REQUEST SITE-SPECIFIC CRITERIA FOR WALL HEIGHT > 20 FEET

2) CONTRACTOR TO USE SOILS WITHIN THE RETAINED AND REINFORCED ZONES THAT MEET THE STRENGTH REQUIREMENTS OF WALL DESIGN.

3) GEOGRID REINFORCEMENT TO BE DESIGNED BY WALL DESIGNER CONSIDERING INTERNAL, EXTERNAL, AND COMPOUND STABILITY.

3) GEOGRID TO BE PRETENSIONED DURING INSTALLATION.

4) IMPROVEMENTS WITHIN THE ACTIVE ZONE ARE SUSCEPTIBLE TO POST-CONSTRUCTION SETTLEMENT. ANGLE $\theta = 45+\phi/2$, WHERE ϕ IS THE FRICTION ANGLE OF THE MATERIAL IN THE RETAINED ZONE.

5) BACKDRAIN SHOULD CONSIST OF J-DRAIN 302 (OR EQUIVALENT) OR 6-INCH THICK DRAINAGE FILL WRAPPED IN FILTER FABRIC. PERCENT COVERAGE OF BACKDRAIN TO BE PER GEOTECHNICAL REVIEW.

GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAIL " F "

APPENDIX (3)

Special Laboratory Tests

SPECIAL LABORATORY TESTS

As may be required for the geotechnical evaluations, a series of non-routine or special tests were performed to assist in the engineering analyses. The special tests performed are included in this Appendix. The special tests performed for the present project are included in the following list of laboratory tests, among other usually performed. A brief description of some of the special laboratory tests are:

Vane Shear Test

A pocket vane shear test device was used to perform various vane shear tests on samples (i.e. SPT and Undisturbed Shelby Tubes). The results of the vane shear tests are given in tons/ft.^{2}

Mechanical Analysis of Soils

The process of separating the soil into particle-size groups, including both the sieve analysis of the coarser and fine grains was performed. Standard U.S. sieves were used to establish the Percent Finer by Weight of the samples. The percentage of fines was used to classify the samples in both the standard AASHTO and Unified Classification Systems.

Liquid & Plastic Limit Tests

The moisture content above which a soil readily becomes a liquid upon stirring is called the liquid limit. The standard Arthur Casagrande Device was use for such determination, following ASTM Specifications D423.

The plastic limit is defined as the minimum moisture content at which the soil mixture acts as a plastic solid. The standard ASTM specification D424 was followed in performing the tests.

From the above test results the plasticity index can be determined. It is defined as the numerical difference between the liquid limit and the plastic limit of the soil. In the data sheets the tests results given in the corresponding column are the Liquid Limit (LL) and the Plasticity Index (P.I.).

Unit Weight Determination of Soils

The wet unit weight of the samples was obtained by mass per unit volume from the sample, as secured from the field. Dry unit weight determinations were obtained and are specifically mentioned in some of the tables and graphs of the geotechnical report.

Unconfined Compressive Strength Tests (Stress-Strain)

Basically, the unconfined compressive strength test is performed by axially loading a cylinder without lateral confinement. In wet fine-grained soils, the tests are performed quickly. Different from the routine Qu tests, in the special unconfined compressive tests, which are performed in the triaxial compression chamber, the stress-strain at predetermined intervals are recorded. In the routine tests on SPT samples, the unconfined compression tests are performed by the spring tester. Sometimes, the pocket penetrometer device is used to determine the unconfined compressive strength. The test type is indicated in the corresponding column of test results.

Modified Proctor Compaction Tests

The laboratory compaction test consists for determining the maximum dry density and optimum moisture content of representative samples of in-situ or potential borrow fill sources. The Modified Proctor Density Tests are performed in accordance to the ASTM Designation D 1557, Standard Method for Moisture-Density Relations of Soils and Soil-Aggregate Mixtures using a 10-lb. Rammer and 18-in. drop.

Free Swell Tests

The free swell tests are made in accordance to the procedures of the US Bureau of Reclamation, which provide percent total volume change from dry to a saturated condition.

DESPIAU ASSOCIATES
SOIL / GEOTECHNICAL ENGINEERING LABORATORIES

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	Email: istraher@gmail.com
PROJECT:	Proposed Escambrón Skate Park at the Municipality of San Juan, Puerto Rico.
JOB NO.:	DA/22S4201
DATE:	Novemeber 8, 2022

SUMMARY OF SOIL CLASSIFICATION TESTS AND FREE SWELL TESTS

Boring No.	Sample Depth	Liquid Limit %	Plasticity Index %	% Passing US Sieve			Classification		% Free Swell	Clay Type Class.	
				10	40	200	AASHTO	USCS		AC*	CEAC**
301	2'-4'	17.5%	2.2%	86.5	31.9	13.6	A-1-b (0)	SM	5%	0.16	0.18
302	2'-6'	NP	NP	99.8	29.2	7.3	A-1-b (0)	SP-SC	0%	-	-
202	23'-6"-25'	17.7%	4.0%	99.3	66.0	22.3	A-2-4 (0)	SC-SM	10%	0.18	0.23
204	13'-6"-15'	17.9%	5.8%	99.5	60.0	22.3	A-2-4 (0)	SM	15%	0.26	0.35

* Activity Ratio
** Cation Exchange Activity

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PROJECT:	Proposed Escambrón Skate Park at the Municipality of San Juan, Puerto Rico.
JOB NO.:	DA/22S4201
DATE:	Novemebr 8, 2022

ORGANIC CONTENT DETERMINATION

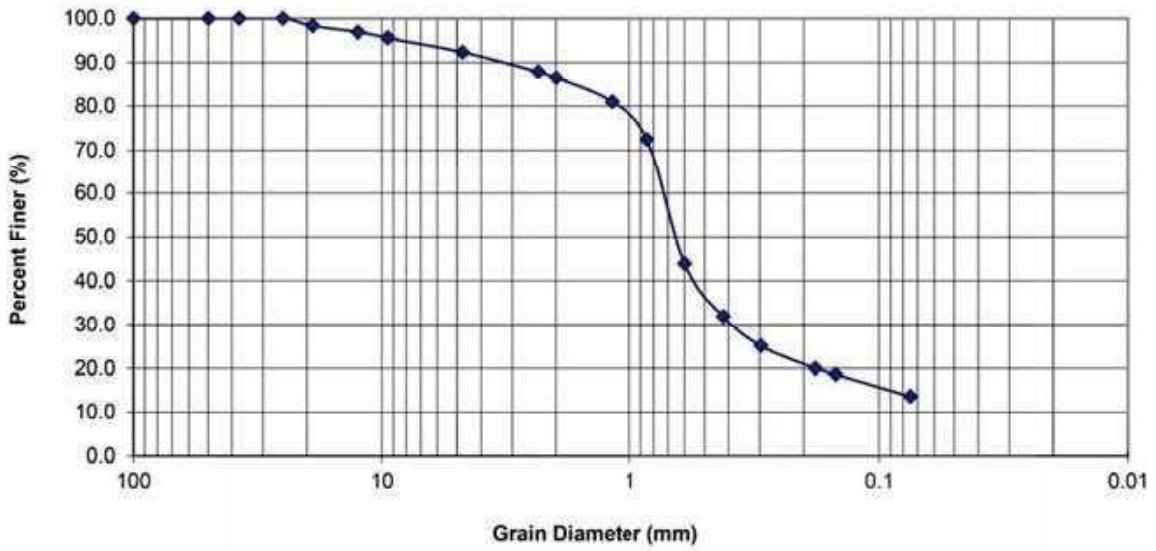
Boring No.	Sample Depth	Description	Organic Content %
301	13'-6"-15'	Black peat in to gray sand.	71.37
302	4'-6'	Gray and black fine sand, few peat.	2.61
302	8'-10'	Olive brown and gray silty sand, some clay with peat inclusions.	1.35
202	13'-6"-15'	Dark gray fine sand, many black peat.	15.21
202	18'-6"-20'	Dark gray fine sand, some clay with peat inclusions.	3.20
203	8'-10'	Dark grayish brown and pale brown silty sand, trace cemented sands with peat inclusions.	2.04
203	13'-6"-15'	Black peat	89.47
203	18'-6"-20'	Dark gray fine sand and black peat	47.84
204	4'-6'	Grayish brown dine sand, some concrete debris, few roots	0.79
204	13'-6"-15'	Dark gray silty sand, some clay, few peat.	4.07

Remarks:

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Project: Proposed Escambrón Skate Park - San Juan, Puerto Rico. **Reference No.:** DA/22S4201
Project No.: -
Location: San Juan **Date:** November 7, 2022
Sample : Bo. 301 - 2'-4'

PARTICLE SIZE DISTRIBUTION



SIEVE SIZE	PERCENT FINER
4-inch	100.0
2-inch	100.0
1-1/2-inch	100.0
1-inch	100.0
3/4-inch	98.3
1/2-inch	96.9
3/8-inch	95.6
No.4	92.4
No.8	87.9
No.10	86.5
No.16	81.0
No.20	72.5
No.30	43.9
No.40	31.9
No.50	25.1
No.80	20.0
No.100	18.6
No.200	13.6
Pan	0.0

Soil Description:

The sample was described (visual-manual) in the laboratory as Pale brown silty, fine sand, some cemented sands, trace asphalt.

Atterberg Limits:
LL = 17.5
PI = 2.2

Free Swell: 5%
Gs: -

Coefficients:
D_{10} = 0.041
D_{16} = 0.1
D_{30} = 0.38
D_{50} = 0.65
D_{60} = 0.72
D_{85} = 1.7

Cu = 17.56
Cc = 4.89

% Gravel = 7.6
% Sand = 78.8
% Fines = 13.6

Classification:
AASHTO = A-1-b (0)
USCS = SM

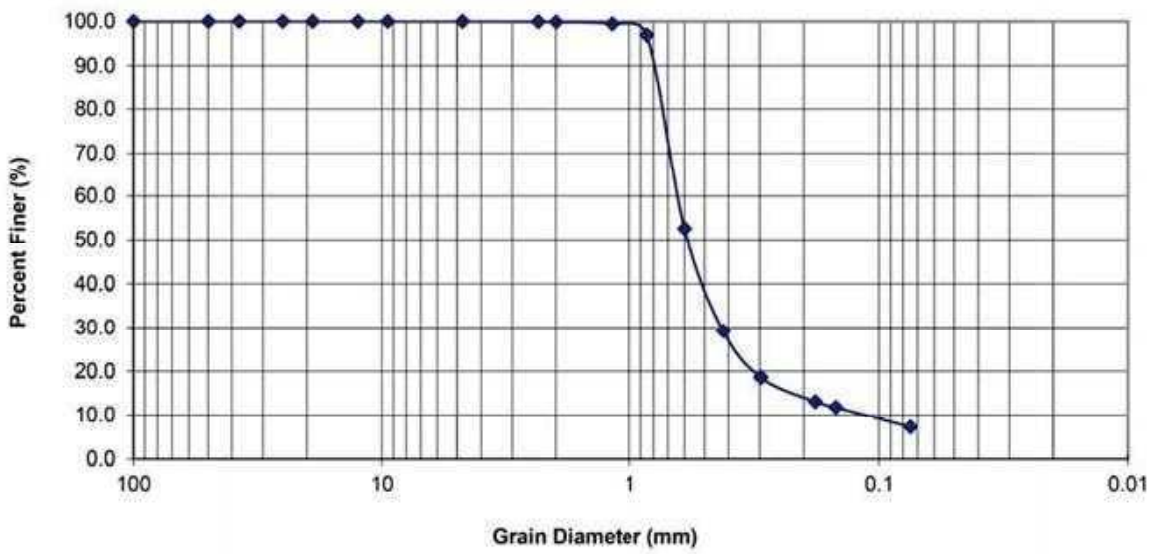
Coordinates: X = --
Y = --
Z = --

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SOIL / GEOTECHNICAL ENGINEERING LABORATORIES

Project: Proposed Escambrón Skate Park - San Juan, Puerto Rico. **Reference No.:** DA/22S4201
Project No.: -
Location: San Juan, PR **Date:** November 7, 2022
Sample : Bo, 302 - 2'-6'

PARTICLE SIZE DISTRIBUTION



SIEVE SIZE	PERCENT FINER
4-inch	100.0
2-inch	100.0
1-1/2-inch	100.0
1-inch	100.0
3/4-inch	100.0
1/2-inch	100.0
3/8-inch	100.0
No.4	100.0
No.8	99.9
No.10	99.8
No.16	99.4
No.20	96.9
No.30	52.5
No.40	29.2
No.50	18.6
No.80	13.1
No.100	11.8
No.200	7.3
Pan	0.0

Soil Description:

The sample was described (visual-manual) in the laboratory as Gray and black fine sand, few peat.

Atterberg Limits:
LL = Non Plastic
PI = Non Plastic

Free Swell: 0%
Gs: -

Coefficients:
D_{10} = 0.12
D_{16} = 0.26
D_{30} = 0.42
D_{50} = 0.58
D_{60} = 0.63
D_{85} = 0.77

Cu = 5.25
Cc = 2.33

% Gravel = 0.0
% Sand = 92.7
% Fines = 7.3

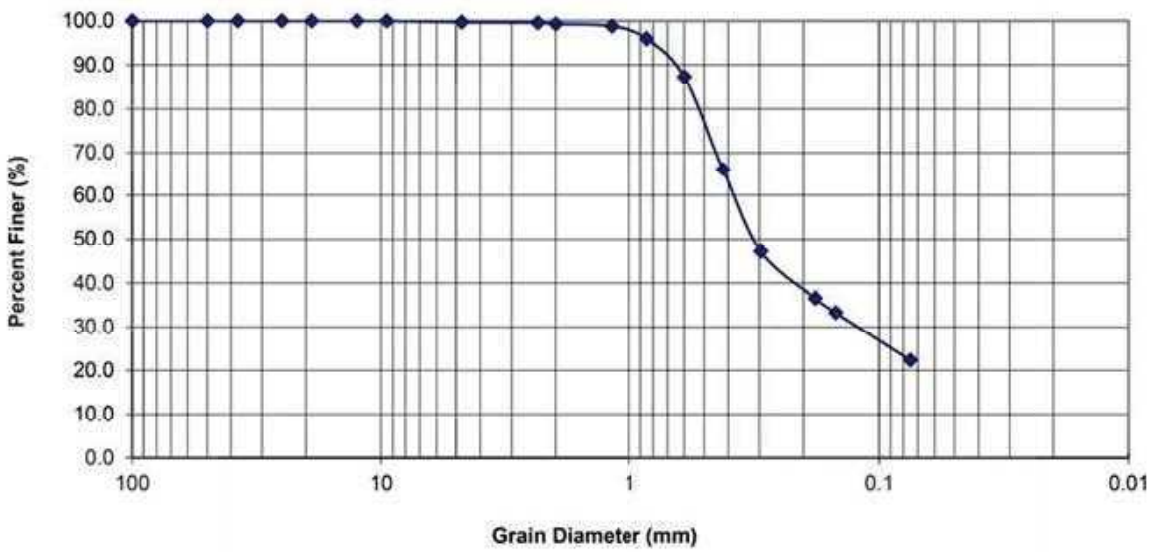
Classification:
AASHTO = A-1-b (0)
USCS = SP-SC

Coordinates: X = --
Y = --
Z = --

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SOIL / GEOTECHNICAL ENGINEERING LABORATORIES

Project: Proposed Escambrón Skate Park - San Juan, Puerto Rico. **Reference No.:** DA/22F4133
Project No.: -
Location: San Juan **Date:** November 7, 2022
Sample : B-202, 23'-6"-25'-0"

PARTICLE SIZE DISTRIBUTION



SIEVE SIZE	PERCENT FINER
4-inch	100.0
2-inch	100.0
1-1/2-inch	100.0
1-inch	100.0
3/4-inch	100.0
1/2-inch	100.0
3/8-inch	100.0
No.4	99.7
No.8	99.6
No.10	99.3
No.16	98.8
No.20	96.0
No.30	87.3
No.40	66.0
No.50	47.3
No.80	36.6
No.100	33.3
No.200	22.3
Pan	0.0

Soil Description:

The sample was described (visual-manual) in the laboratory as:
Olive gray silty sand, some clay.

Atterberg Limits:
LL = 17.7 %
PI = 4.0 %

Free Swell: 10%
Gs: -

Coefficients:
D_{10} = 0.0270
D_{16} = 0.0520
D_{30} = 0.1300
D_{50} = 0.3200
D_{60} = 0.3800
D_{85} = 0.5700

Cu = 14.07
Cc = 1.65

% Gravel = 0.3
% Sand = 77.4
% Fines = 22.3

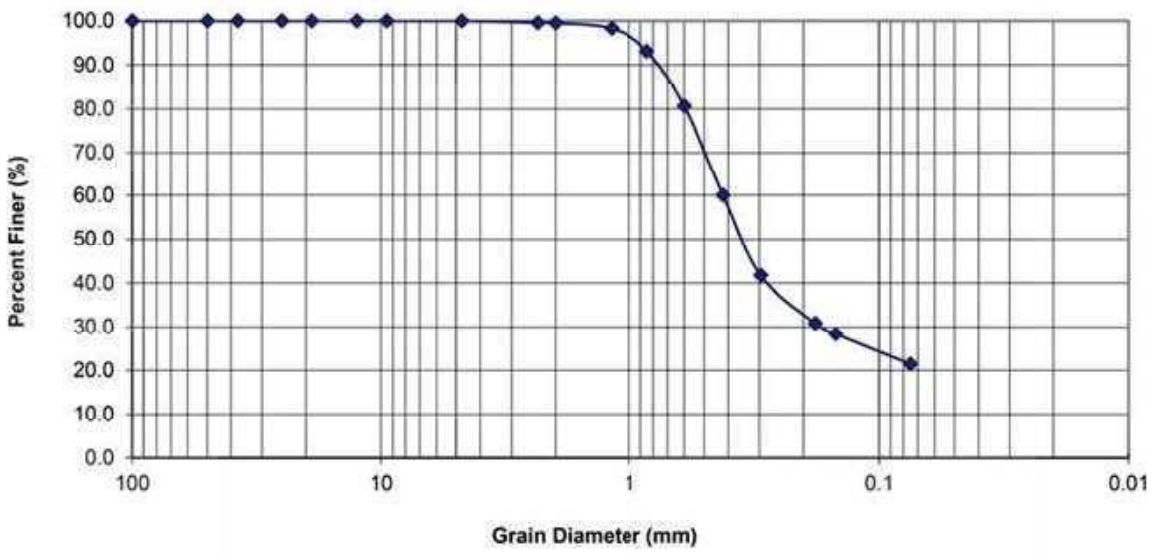
Classification:
AASHTO = A-2-4 (0)
USCS = SC-SM

Coordinates: X = --
Y = --
Z = --

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SOIL / GEOTECHNICAL ENGINEERING LABORATORIES

Project: Proposed Escambrón Skate Park - San Juan, Puerto Rico. **Reference No.:** DA/22F4133
Project No.: -
Location: San Juan **Date:** November 7, 2022
Sample : B-204, 13'-6"-15'-0"

PARTICLE SIZE DISTRIBUTION



SIEVE SIZE	PERCENT FINER
4-inch	100.0
2-inch	100.0
1-1/2-inch	100.0
1-inch	100.0
3/4-inch	100.0
1/2-inch	100.0
3/8-inch	100.0
No.4	100.0
No.8	99.6
No.10	99.5
No.16	98.3
No.20	93.2
No.30	80.6
No.40	60.0
No.50	41.8
No.80	30.9
No.100	28.4
No.200	21.4
Pan	0.0

Soil Description:

The sample was described (visual-manual) in the laboratory as:
Dark brown silty sand, some clay, few peat.

Atterberg Limits:
LL = 17.9 %
PI = 5.8 %

Free Swell: 15%
Gs: -

Coefficients:
D_{10} = 0.0250
D_{16} = 0.0450
D_{30} = 0.1700
D_{50} = 0.3600
D_{60} = 0.4200
D_{85} = 0.6700

Cu = 16.80
Cc = 2.75

% Gravel = 0.0
% Sand = 78.6
% Fines = 21.4

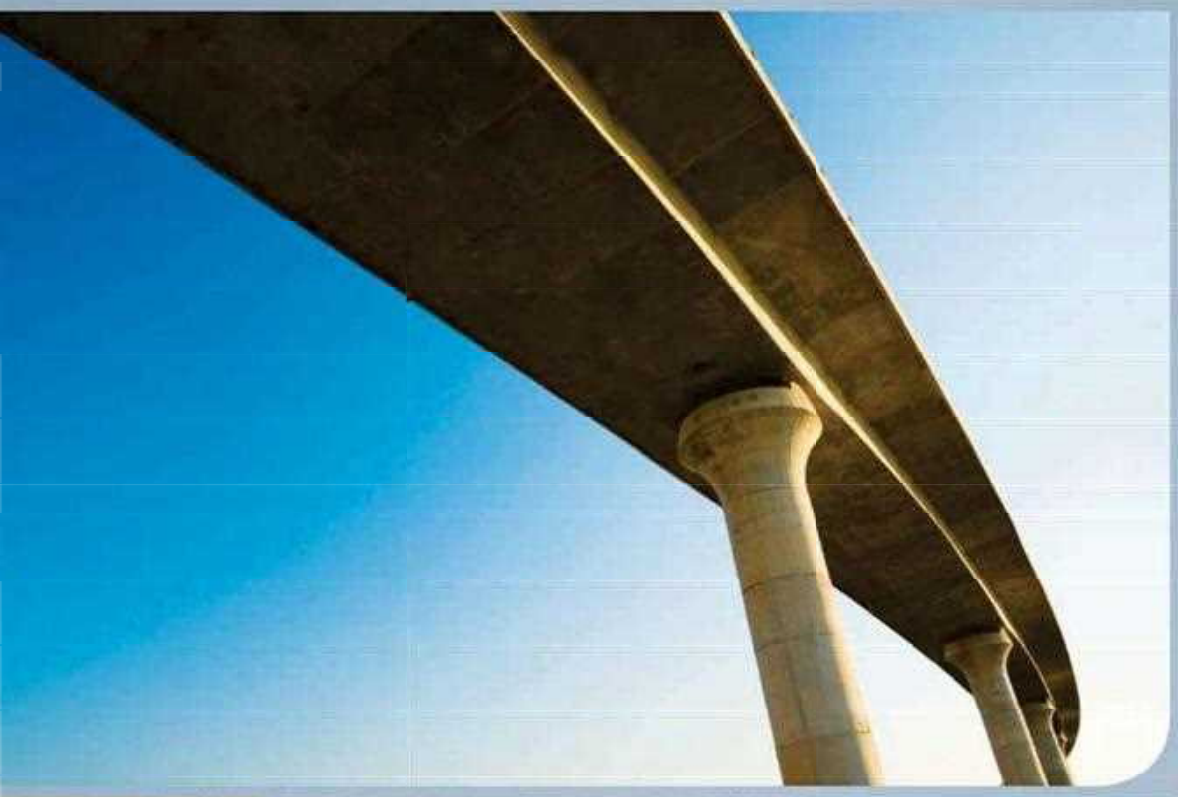
Classification:
AASHTO = A-2-4 (0)
USCS = SM

Coordinates: X = --
Y = --
Z = --

APPENDIX (4)

Geofoam Technical Data

EPS Industry Alliance
Geofoam Civil Engineering



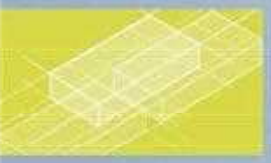
















Expanded Polystyrene (EPS) Geofoam Applications & Technical Data

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Expanded Polystyrene (EPS) Geofoam Applications & Technical Data

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Contribution Members

Photo Credits

About the Authors

Contacts and Resources

01 product overview

1.1 Description

Expanded polystyrene (EPS) geofoam has been used as a geotechnical material since the 1960s. EPS geofoam is approximately 1% the weight of soil and less than 10% the weight of other lightweight fill alternatives. As a lightweight fill, EPS geofoam reduces the loads imposed on adjacent and underlying soils and structures. EPS geofoam is not a general soil fill replacement material but is intended to solve engineering challenges. The use of EPS typically translates into benefits to construction schedules and lowers the overall cost of construction because it is easy to handle during construction, often without the need for special equipment, and is unaffected by occurring weather conditions. In addition, EPS geofoam can be easily cut and shaped on a project site, which further reduces jobsite challenges. EPS geofoam is available in numerous material types that can be chosen by the designer for a specific application. Its service life is comparable to other construction materials and it will retain its physical properties under engineered conditions of use.

There are numerous manufacturers and suppliers of EPS geofoam in North America. Expanded polystyrene is created in a two-stage, molded bead process. EPS geofoam is produced in blocks that can be cut into various shapes and sizes - and a range of compressive resistances - to suit specific project needs. As an engineered product, it can be produced to obtain the required compressive resistance. EPS geofoam density, only about 1% that of soil and rock, is controlled during the manufacturing process, making it a superior, ultra-lightweight fill material that significantly reduces the stress on underlying subgrades. The lighter load can reduce settlements and can improve stability against bearing and slope failures.

ASTM International provides a specification for the minimum properties of EPS geofoam. The relevant ASTM specification for EPS geofoam is **ASTM D6817 Standard Specification for Rigid Cellular Polystyrene Geofoam**. Other ASTM standards are **D7180 Standard Guide for the Use of EPS Geofoam in Geotechnical Projects** and **D7557 Standard Practice for Sampling of EPS Geofoam Specimens**. Thorough knowledge and understanding of the standard being used on a EPS geofoam project is essential.

ASTM D6817 Physical Property Requirements of EPS Geofoam

Type	EPS12	EPS15	EPS19	EPS22	EPS29	EPS39	EPS46
Density, min., kg/m^3(lb/ft^3)	11.2 (0.70)	14.4 (0.90)	18.4 (1.15)	21.6 (1.35)	28.8 (1.80)	38.4 (2.40)	45.7 (2.85)
Compressive Resistance, min., kPa (psi) at 1 %	15 (2.2)	25 (3.6)	40 (5.8)	50 (7.3)	75 (10.9)	103 (15.0)	128 (18.6)
Compressive Resistance, min., kPa (psi) at 5 %	35 (5.1)	55 (8.0)	90 (13.1)	115 (16.7)	170 (24.7)	241 (35.0)	300 (43.5)
Compressive Resistance, min., kPa (psi) at 10 % [A]	40 (5.8)	70 (10.2)	110 (16.0)	135 (19.6)	200 (29.0)	276 (40.0)	345 (50.0)
Flexural Strength, min., kPa (psi)	69 (10.0)	172 (25.0)	207 (30.0)	240 (35.0)	345 (50.0)	414 (60.0)	517 (75.0)
Oxygen index, min., volume %	24.0	24.0	24.0	24.0	24.0	24.0	24.0

The typical design load limit for EPS Geofoam is the compressive resistance at 1%. Please refer to section 4.2 for additional information.

1.2 Applications & use

EPS geofoam is inherently multi-functional, which makes it effective to use in a wide variety of applications. It offers special advantages for construction on soft ground, slope stabilization and retaining walls. EPS geofoam has been used in road and airfield pavements and railway track systems, beneath refrigerated storage buildings, sports arenas and storage tanks to prevent ground freezing and heaving and in below-ground building segments to reduce seasonal heating and cooling requirements. EPS geofoam enables engineers, architects, and builders to design for key geosynthetic functions and select the best combination of products to achieve project goals. With unprecedented strength and flexibility, EPS geofoam also offers innovative solutions to a range of problems, including protection from earthquake shock and noise and vibration dampening.



02

eps geofoam applications

Road construction over poor soils

2.1 The growing need for new roads may, in many cases, require construction over soft or loose soils that are incapable of supporting additional loads. Designers must identify innovative materials and construction techniques to address the problem of building on soft soils or where sensitive existing utilities or wetlands are present while, at the same time, accelerating project schedules. EPS geofoam can be used to replace compressible soils or in place of heavy fill materials to prevent unacceptable loading on underlying soils and adjacent structures. The high compressive resistance of EPS geofoam makes it able to adequately support traffic loadings associated with secondary and interstate highways. Construction with EPS geofoam also saves time because EPS geofoam is easy to handle without the need for special equipment. Because EPS geofoam is an engineered product it arrives on site already having undergone rigorous Q&A testing, unlike other fill materials that require time consuming QA/QC testing.

A description of a typical road construction, from bottom to top, is as follows: compact a layer of sand at the base of the roadway excavation to provide a level and free draining construction surface. Place the EPS geofoam to the desired height, staggering the vertical joints in each course so as not to create continuous vertical seams.



Cross section of road construction using EPS geofoam and overlying pavement system

If required, a separation layer may be placed between the top of the EPS geofoam and the overlying pavement system. A separation layer can have two functions: to enhance the overall performance and life of the pavement system by providing reinforcement, separation and/or filtration and to enhance the durability of the EPS geofoam both during and after construction. Choices for the separation layer include geotextile, hydrocarbon resistant geomembrane, geogrid, geocell with soil fill, soil cement, pozzolanic stabilized materials or a reinforced concrete slab.

For example, if protection against fuel spills is desired, a hydrocarbon resistant geomembrane cover can be placed over the uppermost EPS block course to protect from possible hydrocarbon attack. Alternately, a reinforced concrete load distribution slab can be used to protect the EPS geofoam from hydrocarbon attack and from potential overstressing resulting from heavy traffic loads. Other structural features (i.e., tilt-up panel walls, impact barriers, light and power poles, etc.) can be anchored to the load distribution slab.

The pavement system, which generally consists of select fill, roadbase gravel and an asphalt or concrete pavement driving surface, is subsequently constructed atop the separation layer.

Prevention of differential icing is a consideration when using EPS geofoam in roadway construction in cold climates. Differential icing is defined as the formation of ice on the surface of an insulated pavement, when the adjacent, non-insulated pavement remains ice-free. When constructed next to existing roadways, sections of pavement constructed over EPS geofoam can form ice prior to adjoining areas because EPS geofoam is an excellent insulator, which prevents heat from reaching the pavement from the underlying soil. One way to address this concern is to keep the top level of the EPS geofoam at or below the appropriate frost line for the region. For example, for a frost line of 3 feet (0.9 meters), a minimum separation layer and pavement system material thickness of 3 feet (0.9 meters) should be provided over the EPS geofoam.

The Indiana Department of Transportation specified EPS geofoam for the reconstruction of the Borman Expressway near Gary, Indiana. This area is underlain by extremely soft native soils due to its proximity to Lake Michigan. Thirty-two truckloads of EPS geofoam blocks were used for this project, which is equivalent to 400 dump truck loads of traditional soil fill. Thus, the use of EPS geofoam reduced the loading on the existing soft native soils while saving project time, testing, fuel and cost.

EPS geofoam was used to solve two problems for a planned housing development in the coastal area of Great Yarmouth in the United Kingdom. A flood risk assessment recommended that the ground level be raised above sea level. Another challenge for the developers was that existing soils in the area were soft alluvial clays and peat. EPS geofoam was used for the dual purposes of raising the ground level and addressing the problem of potential settlement, which would have recreated the flood hazard.

▸ Reconstruction of the Borman Expressway using EPS geofoam fill near Gary, Indiana.

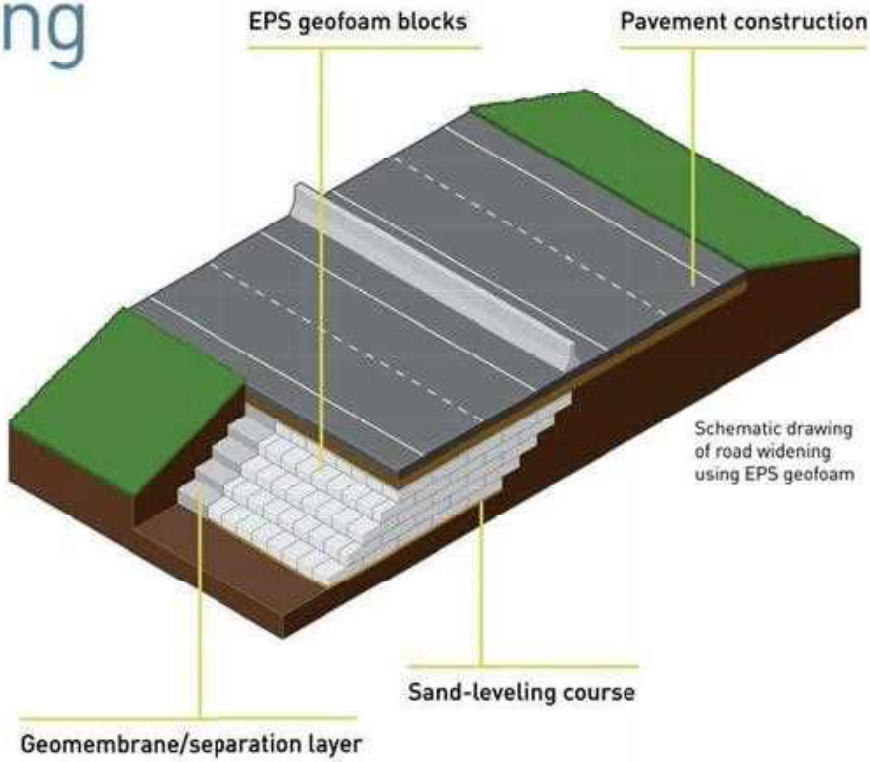


▸ EPS geofoam used over unstable tide flats to stabilize the Alaska Way Viaduct in Seattle, Washington. WSDOT chose EPS geofoam because the weight of fill dirt would cause the surface to sink as much as 8 inches, which would result in de-stabalizing the entire viaduct.



Road widening

2.2 Roadways often have to be widened to reduce congestion. This situation results in additional fill being required for the roadway to be widened. This can be an expensive and time-consuming process if the soils adjacent to the existing roadway are not adequate to support the traffic loads because the resulting settlement can impact the existing roadway. In traditional construction, soil embankments are built in thin lifts, each of which must be compacted before the next lift is placed. Using EPS geofoam eliminates the need for compaction and fill testing, reduces the construction time and minimizes impact to the existing roadway and adjacent structures and/or buried utilities. The high compressive resistance of EPS geofoam makes it able to withstand the induced traffic forces without causing unacceptable loading of the underlying soils or adjacent fill. In addition, it may be possible to build steeper slopes using EPS geofoam than soil, which can reduce the amount of additional right-of-way that needs to be acquired.



Schematic drawing of road widening using EPS geofoam

The largest EPS project in the United States was the widening of I-15 in Salt Lake City, Utah where, from 1997 to 2001, approximately 130,800 cubic yards (100,000 cubic meters) of EPS geofoam was used to reconstruct parts of the interstate to facilitate the 2002 Winter Olympics.

In some locales, numerous pre-existing buried utility lines traversed or paralleled the interstate in the widened areas. These utilities consisted of high pressure gas lines, water mains and communication cables, all of which needed to remain in-service during construction. However, placement of conventional soil for the embankments in the widened areas would have produced as much as 3.3 to 4.9 feet (1 to 1.5 meters) of settlement, thus exceeding the strain tolerances of the buried utilities. The use of EPS geofoam in the utility areas essentially eliminated these large and damaging settlements and allowed construction to proceed rapidly without expensive interruption, replacement or relocation of the utilities.

The I-15 Reconstruction Project received the 2002 American Society of Civil Engineers (ASCE) Outstanding Civil Engineering Achievement Award. In announcing the selection of the I-15 project, the selection jury noted that the project had been completed in just four years, half the time that would have been required using traditional approaches, and the project came in $32 million under budget. The ASCE selection jurors also noted the innovative use of materials, such as lightweight EPS geofoam fill for embankments in making their selection of this project.

The Idaho Transportation Department chose EPS geofoam to construct the Topaz Bridge replacement and widening of Highway US 30 located in southeastern Idaho. To widen and elevate the bridge approach, EPS geofoam was used to create a zero net load condition on the underlying soft, alluvial soils. A zero net load condition means the subsurface soils experience no increase in applied pressure due to the widened and elevated approach, which prevents any significant post-construction settlement or bearing capacity problems. It is accomplished by excavating the existing foundation soils and replacing them with EPS geofoam to a depth sufficient to compensate for the new loads added by the overlying pavement section.

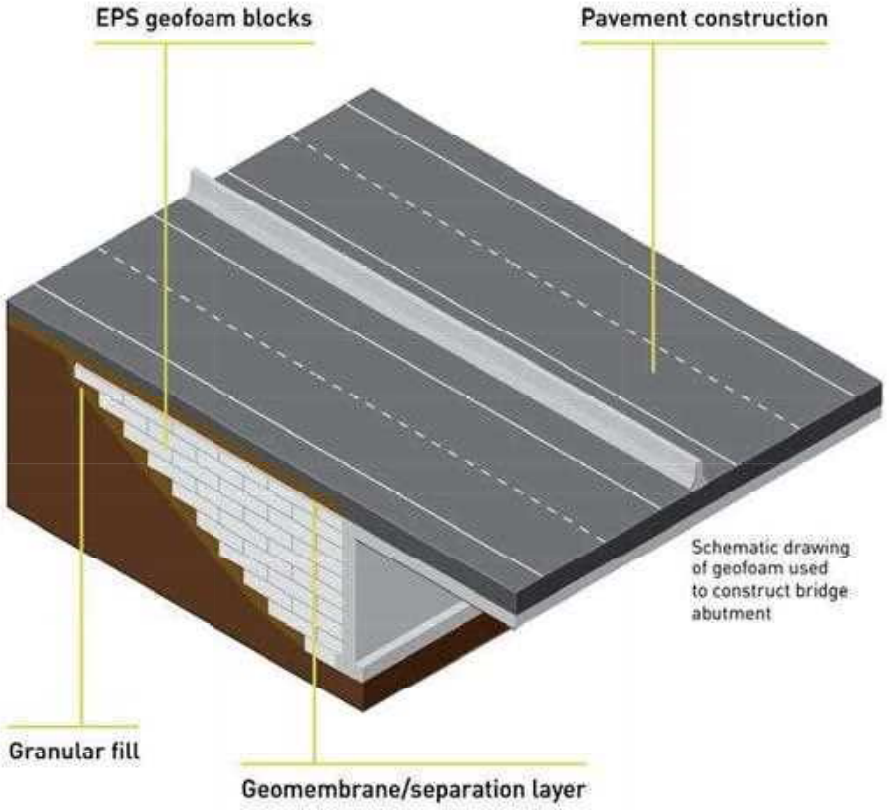
The EPS geofoam embankment has a 34.5-foot (10.5 meter)-high vertical face covered with a 2-inch (5 cm)-thick shotcrete facing.



▶ EPS geofoam used in road widening and bridge replacement project, Gary, Indiana.



Bridge abutment



Schematic drawing of geofoam used to construct bridge abutment

2.3 There are several advantages to using EPS geofoam to construct approach fills for bridge abutments. Because of its high compressive resistance, EPS geofoam can safely support highway loading without over-stressing the underlying soils. This usually results in less differential movement at the bridge/approach fill interface, which reduces the construction cost of the approach slab and its long-term maintenance. In addition, when compared to traditional embankment fills, EPS geofoam imparts significantly reduced lateral forces on abutment walls, foundations and other retaining structures, because the transmitted lateral force is proportional to the weight of the backfill. If this weight is substantially reduced, as with the case of EPS geofoam backfill, this leads to savings in the design of bridge abutment and other walls, which are no longer required to resist large horizontal static and dynamic forces.

The King County Road Services Division in Washington State undertook a project to reconstruct the York Bridge over the Sammamish River. One of the design challenges was the presence of deep, compressible peat and clay soils on the west side of the river. There was also an existing sanitary sewer line running along the west bank of the river. EPS geofoam was chosen as the preferred alternative to construct the west approach to the bridge. The designers were able to achieve a zero net load by replacing existing foundation soils with lightweight EPS geofoam, eliminating potential settlement at the bridge approach as well as potential damage to the existing sewer.

The EPS geofoam blocks were faced with precast concrete panel walls. A 6-inch (15 cm)-thick, reinforced concrete slab was placed on top of the EPS geofoam to distribute the traffic loads, protect against possible fuel spillage and provide lateral support to the exterior concrete panels. Lastly, the overlying roadway subgrade and pavement were constructed atop the load distribution slab.

EPS geofoam was also used in a project in Bellevue, Washington to construct a bridge approach between two existing buildings. At this location, there was a narrow gap of only a few feet between the existing structures and the planned bridge approach. In addition, design calculations suggested that the foundations of the existing structures could not withstand additional loading or settlement caused by placement of conventional fill. After calculating the loads induced by the new roadway, an equivalent amount of existing soil was removed and replaced with EPS geofoam fill, resulting in a zero net loading on the existing building foundations.

Bridge underfill

2.4 EPS geofoam can be used to support bridges when properly designed. EPS geofoam's light weight adds little additional load to the underlying ground. In cases where the existing bridge is no longer structurally capable of carrying the required traffic loads, EPS geofoam infill can help support the span and transfer the traffic load safely to the foundation or underlying soil.

An infill project was completed in St. Louis, Missouri under an active bridge along Tucker Boulevard. About 24,000 cubic yards of EPS geofoam was used to fill the void created when the 80-year-old tunnel used by the Illinois Terminal Railroad was removed. One reason the City of St. Louis used EPS geofoam was the masonry wall of an adjacent building could not support the weight of traditional earth fill.

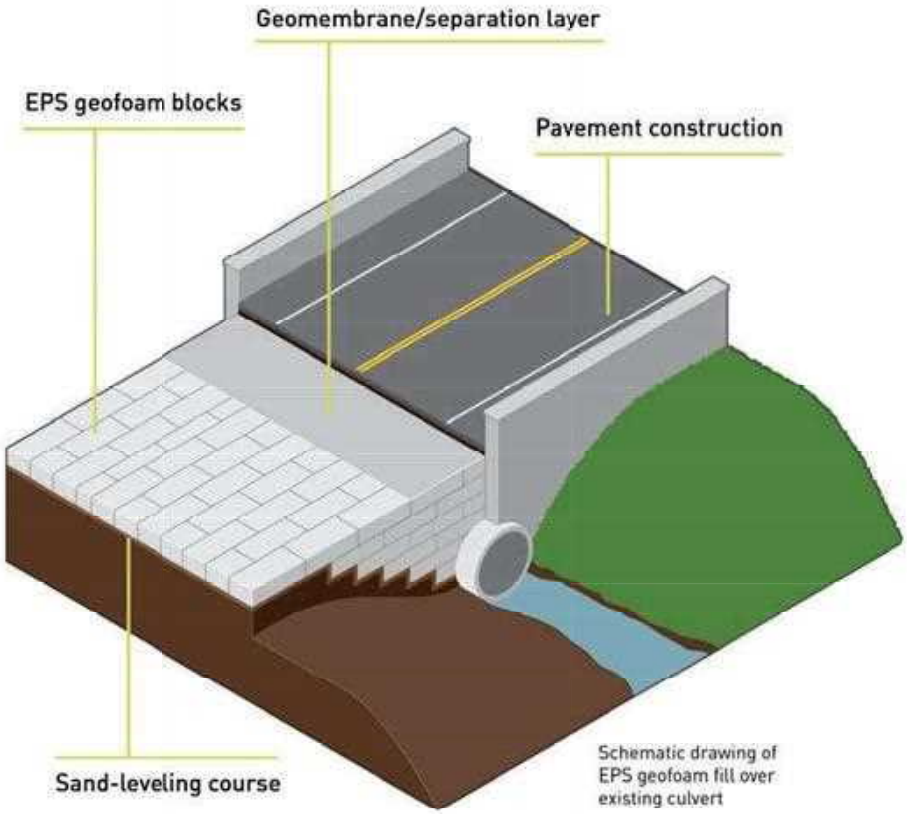


▶ Pitt River Bridge in British Columbia.



Culverts, pipelines & buried structures

2.5 Engineering plans often call for the placement of new fill over existing underground structures that were not designed to support the increased loads. Rather than removing or strengthening the existing underground structures, the new fill load can be reduced to a tolerable level by using EPS geofoam instead of heavier traditional fills.



Schematic drawing of EPS geofoam fill over existing culvert

EPS geofoam placement atop concrete culvert during construction of embankment widening.



Compensating foundation

2.6 EPS geofoam can be used as a compensating foundation to reduce the load on underlying compressible soils and minimize building settlement along with potential bearing capacity problems. Existing soil is excavated to reduce the net applied load to the soil by the new structure. If the amount of soil excavated equals the full weight or stress applied by the new structure, the foundation is called "floating" or "fullycompensating."



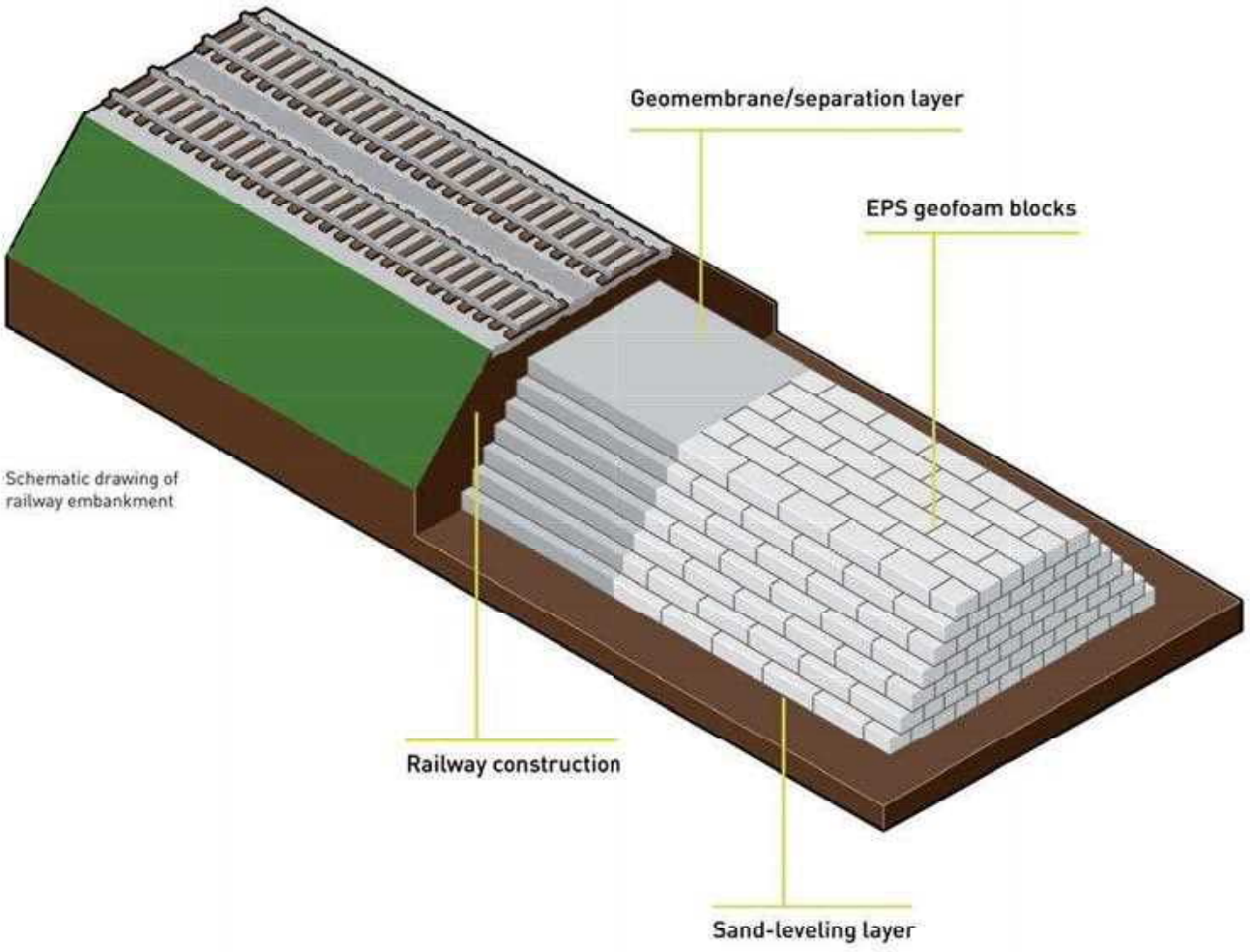
Rail embankment

2.7 The U.S. Federal Highway Administration has urged all states to consider alternate materials when planning fill and embankment projects. EPS geofoam can be used to construct railway embankments that do not overload the existing soils. As a fill material, EPS geofoam is strong enough to support railway loads.

EPS geofoam was used in the expansion of the Utah Transit Authority (UTA) TRAX light-rail system and Frontrunner Commuter rail system in and near Salt Lake City, Utah. The primary design consideration for the TRAX project was to avoid settlement of adjacent bridges and utilities resulting from settlement of underlying lake deposits.

In one area, near the I-15 alignment, the new TRAX approach embankments needed to be as much as 40 feet (12.2 meters) high so the new bridge structures could cross over an existing and operational railroad yard (Roper Yard). Geotechnical reports estimated that settlements in the existing soils could be as large as 5 feet (1.5 meters) if traditionally built embankments were constructed. In addition, conventional techniques used to strengthen the foundation soils and reduce settlements would have added time and cost to the project. EPS geofoam was chosen as the most appropriate fill material based on project time and cost constraints.





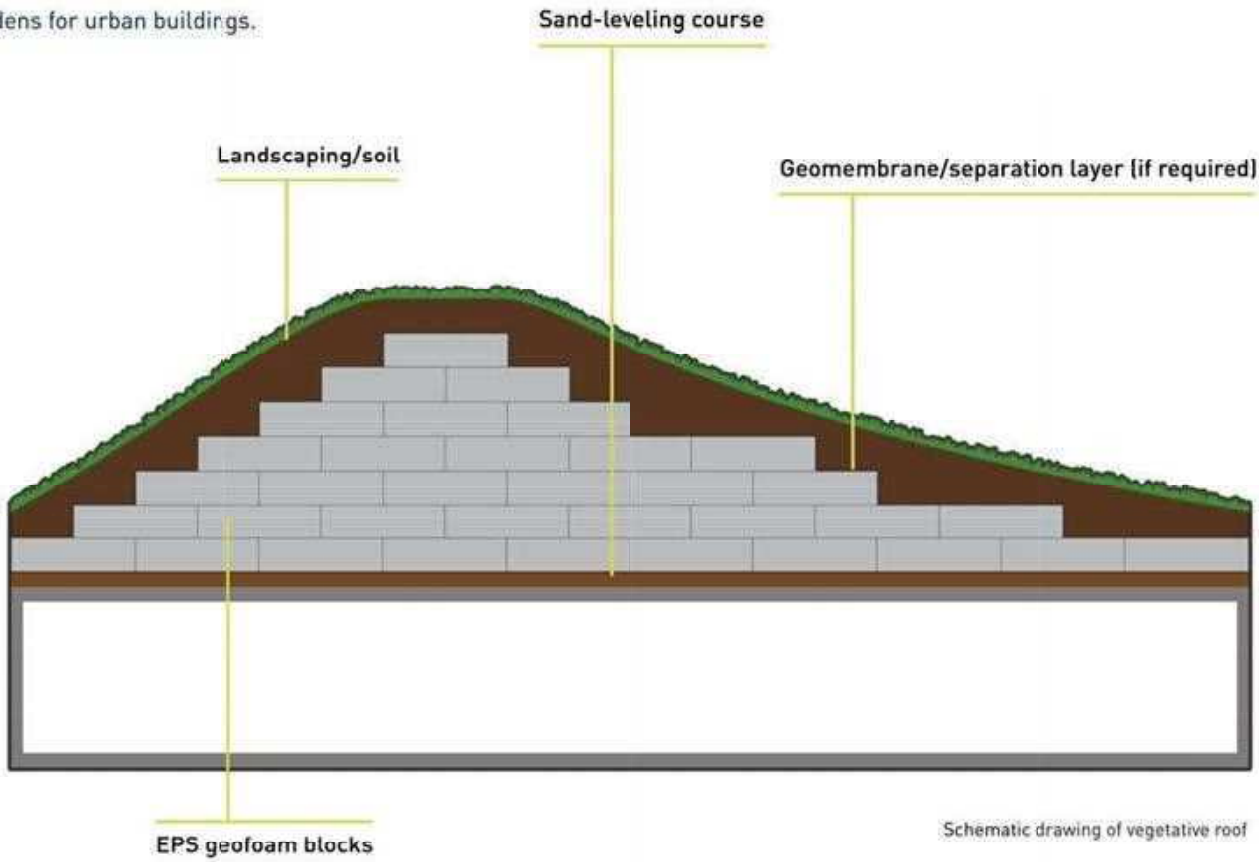
Schematic drawing of railway embankment

▸ EPS geofoam used to construct rail embankment.



Landscaping & vegetative green roofs

2.8 EPS geofoam can be used to create topography without adding significant load to underlying structures and services. Some examples of this application include creating roof gardens for urban buildings.



Schematic drawing of vegetative roof

Vegetative roofs provide many benefits to a building, especially in urban areas. They reduce runoff by managing rainwater, improve air quality and reduce air temperatures. EPS geofoam is ideal for this application because it can be cut or trimmed to fit odd geometries, can be installed on the roof without special equipment and does not add any appreciable load to the roof structure. EPS geofoam can be cut and shaped on site to create interesting architectural and landscape profiles. An added benefit of using EPS geofoam for a vegetative roof is the additional insulation value it provides.

EPS geofoam was used to shape vegetative roof installations at the Scottish Parliament building in Edinburgh, Scotland and the conference center at Temple Square in Salt Lake City, Utah. A series of interesting geometric shapes was created with little additional load added to the underlying structures.

EPS geofoam was used on an underground parking garage as part of the renovation of the Calgary Court of Queens Bench building. The load induced on the underground parking structure due to surface landscaping needed be reduced. A portion of the fill material above the garage was replaced with EPS geofoam lightweight fill material and the landscaping was completed.

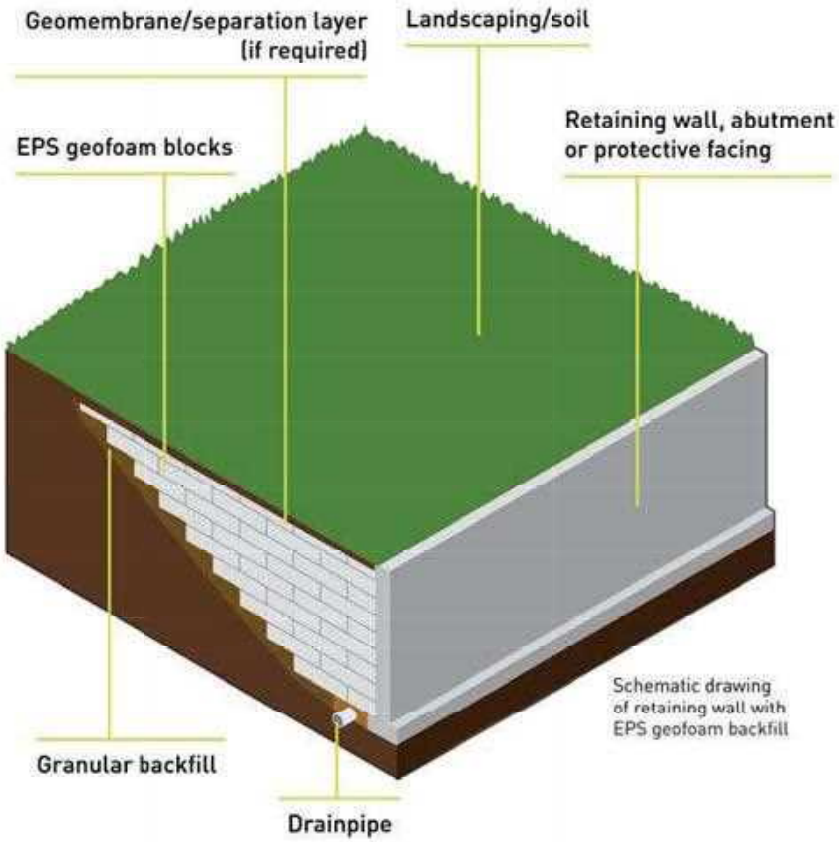








Retaining & buried wall backfill



Schematic drawing of retaining wall with EPS geofoam backfill

2.9 EPS geofoam can be used as backfill behind retaining and buried structures to greatly reduce lateral pressures on the structure. Because the horizontal pressure acting on a retaining wall is proportional to the weight of the backfill, a less robust retaining structure is needed if the backfill soil in the active zone behind the retaining wall is replaced with EPS geofoam.

Likewise, the use of EPS geofoam backfill behind retaining and buried structures also limits the horizontal forces that can develop during earthquakes. In retaining wall applications, adequate drains should be provided to prevent the development of hydrostatic pressure and uplift due to buoyancy for sites with shallow groundwater and loose soils.

EPS geofoam was used as backfill behind a retaining wall for a student housing project at West Virginia University in Morgantown, West Virginia. Shown in the photo below, the wall is 31 feet high. Originally designed to retain soil backfill, the wall was 3 feet wide at the bottom, tapering to 12 inches wide at the top. By replacing the soil backfill with EPS geofoam, engineers redesigned and constructed the wall 12 inches thick from top to bottom, saving a tremendous amount of cost, time and labor.

▶ EPS geofoam retaining wall backfill for West Virginia University student housing project, Morgantown, West Virginia.

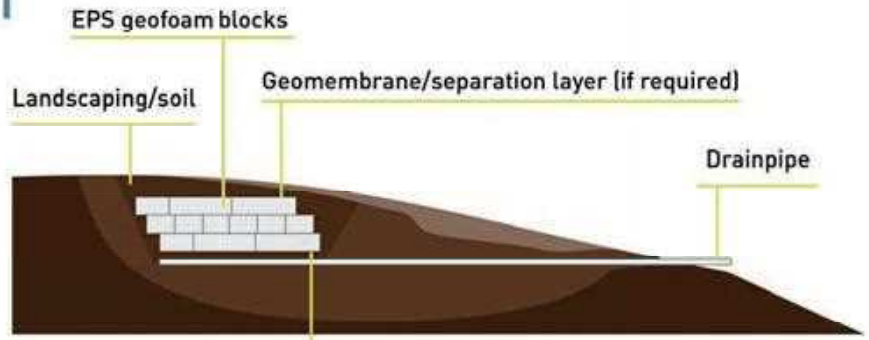


Slope stabilization

2.10 Unstable slopes can be remediated by removing a portion of the existing soil and replacing it with lightweight EPS geofoam, thus unloading the head or top of the landslide and improving its stability. With this method, the entire slide mass may not need to be excavated and replaced to achieve the desired factor of safety against future sliding, which can lead to significant time and cost savings. EPS geofoam can be used for slope stabilization and repair in both soil and rock slopes.

This solution was used to repair unstable slopes along County Highway A in Wisconsin and Highway #1 in Duncan, British Columbia.

A slow moving landslide along a section of County Highway A in northern Wisconsin necessitated continuous patching of the overlying pavement. The sliding surface of the landslide was found to be below the groundwater surface. This meant that the traditional solution of removing the entire slide mass and sliding surface and replacing it with strong compacted fill would require extensive groundwater control and closing the highway, both of which were highly undesirable. Slope stability analyses were performed to determine the volume of EPS geofoam needed to replace the existing soil that would lead to an overall factor of safety against future sliding.



Schematic drawing of EPS geofoam placement in a slide area

The designers were also careful to address differential icing and buoyancy concerns because of the nearby groundwater surface. A stable slope was created without having to close the highway during repair using EPS geofoam.

A section of Highway #1 near Duncan, British Columbia (BC) on Vancouver Island had been subject to periodic side slope failure. This roadway is in close proximity to Dougan Lake, which increased the likelihood of ongoing slope stability problems. The Province of BC, Ministry of Transportation and Highways, Nanaimo Office, sought a long-term performance solution. The corrective measure taken was to excavate the section of road down to hardpan and to replace a portion of the failed soil embankment with lightweight EPS geofoam. This allowed the current grade of the highway to be re-established while reducing the applied load.



The Pennsylvania Department of Transportation selected EPS geofoam to repair a 400-foot section of road prone to recurrent landslides, Pine Township, Pennsylvania.

Stadium & theater seating

2.11 EPS geofoam can be used to form tiered seating in locations such as auditoriums, movie theaters, gymnasiums and churches. The high compressive resistance and light weight of EPS geofoam make it well suited to both new construction and renovation projects.

For these projects, the EPS geofoam blocks are fabricated and then stacked to create the desired profile. Fascia riser screeds are attached to the front of the blocks and provide formwork for the placement of finished concrete treads. Seats, bleachers and other attachments and finishes are then added to complete the project.

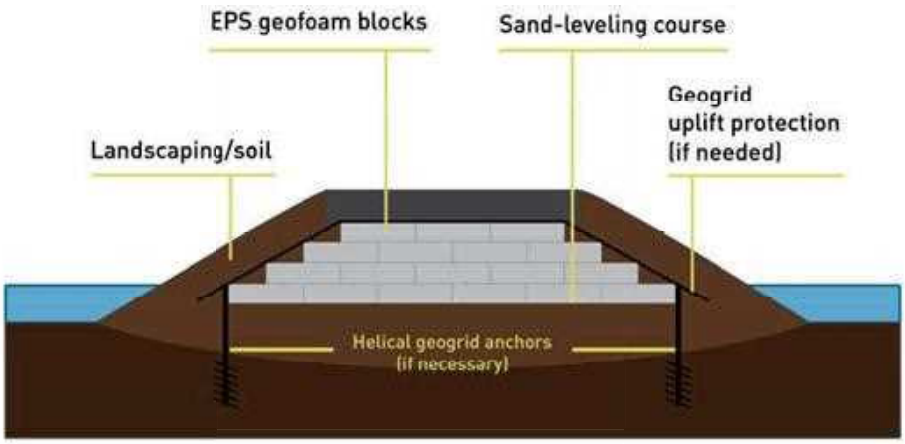


▶ Stacked EPS geofoam blocks used to create tiered seating in a theater.



Levees

2.12 Levees are frequently built on compressible alluvial soils along rivers because of river depositional patterns. These compressible and saturated soils settle over time due to primary and secondary compression. This continued settlement results in the levee having to be repeatedly raised to provide the desired flood protection. Levees are usually raised with conventional soil fill to return the levee to its original level. The extra weight from the levee raising causes additional settlement and the cycle of settlement and raising continues.



Schematic drawing of levee repair using EPS geofoam

EPS geofoam can be easily installed to provide the volume needed to return the levee to its original configuration. And with approximately 1% of the weight of traditional soil fills, the use of EPS as fill reduces/eliminates additional stress and the cycle of settlement and levee raising. Of course, sufficient protective soil cover must be placed above the EPS geofoam. EPS geofoam can be easily handled at sites that have difficult accessibility and, if needed, EPS geofoam can be transported by barge.

To allow placement of the EPS geofoam, a portion of the existing levee is removed and stockpiled for reuse as soil cover for the EPS geofoam. A geotextile is used on the exposed subgrade to provide separation and improved stability.

EPS geofoam blocks are placed on a sand-leveling bed and a geomembrane cover is used to encapsulate the blocks. A geotextile is placed over the geomembrane and the excavated soil is compacted over the EPS geofoam to bring the levee to its design elevation. These same principles can be applied to the construction of a new levee.

▶ EPS geofoam used for North Creek levee, Bothell, Washington.



Airport runway/taxiway

2.13 Similar to road construction, EPS geofoam can be used under airport runways to replace unsuitable soils without overloading the underlying subgrade materials.

The New Orleans Airport East/West runway rehabilitation project included the removal of existing damaged pavement and the construction of new taxiways. EPS geofoam was used under the new pavements to control settlement on the highly compressible and saturated soils and to prevent differential settlements at the intersection of new and existing pavements.



Foundations for lightweight structures

2.14 An innovative use of EPS geofoam is to replace traditional agricultural pile footings on peat soils. The advantages of using EPS geofoam for the footings are light weight, cost savings, ease of construction and transportability for reuse.

In the photo to the right, EPS geofoam footings were designed to impart a net zero load on the underlying and highly compressible peat soils. The total load, which is contributed by the footing and structure self-weights, the lateral wind load and a safety factor, was translated into the volume of soil that had to be removed to produce a net zero load, and the footing was sized to accommodate this removal volume.

EPS geofoam is a viable choice for footings for these types of lightweight structures built on compressible peat or clayey soils since there is little or no settlement of the footings.

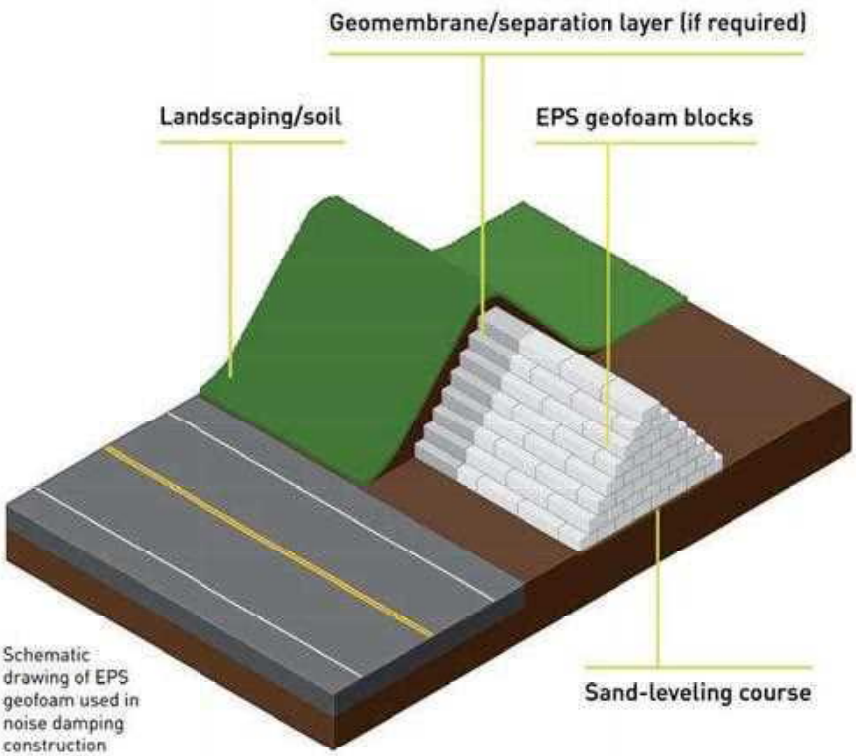


Special applications

2.15 This section describes some of the more unique applications of EPS geofoam in construction activities in North America. Some of these special applications include noise or visual barriers, expansive soils, earthquake mitigation, permafrost and rockfall protection.

2.15.1 Noise and vibration damping

EPS geofoam can be used to build free-standing walls or embankments to reduce noise from highways. They can also be used to reduce the transmission of ground borne vibrations, for example, under railways or pavements, as part of the foundation of adjacent structures or as a cutoff wall between the railways or pavements and the adjacent structures.



Schematic drawing of EPS geofoam used in noise damping construction

2.15.2 Compressible application

EPS geofoam is available in a wide range of compressive resistances. Compressible applications utilize the compressibility of EPS geofoam to accommodate ground movements. In contrast to most applications where EPS geofoam is designed for loading below the compressive resistance at 1% of the EPS geofoam, compressible applications are designed for strains beyond 1%.

When properly designed, EPS geofoam, when in contact with expansive soils, deforms and reduces the stresses transmitted to the relatively stiff structures by allowing the soils to expand, compress the EPS geofoam and not impact the structure. This means that the retaining structure or floor slab, built adjacent to or on expansive soil, only has to be designed for a small percentage of the forces that would be expected due to swelling or heaving of the expansive soil.

2.15.3 Seismic application

EPS has two primary advantages that make it attractive for seismic design: its light weight and its compressibility. The low weight of EPS geofoam provides a significant reduction in the seismic forces imposed on buried structures, retaining walls, pipelines, etc., because the magnitude of the seismic force is proportional to the mass of the system, i.e., force equals mass times

acceleration. Because EPS geofoam is moderately to highly compressible it can deform and act as a "buffer" to reduce the seismic energy imparted to the system. Numerical modeling of these buffer systems suggests that the horizontal seismic forces imparted to retaining walls and other buried structures can be reduced about 20 to 50%, depending on the thickness and compressive resistance of the EPS geofoam.

EPS geofoam embankments are stable during earthquakes based on post-earthquake performance observations from Japanese researchers. Other U.S. studies show that EPS geofoam embankments are inherently stable for small to moderate-size earthquakes.

EPS geofoam has also been used atop and around buried steel pipelines to protect them from potential rupture during fault offset from a seismic event or other types of permanent ground displacement.

2.15.4 Permafrost embankments

Roadways constructed over permafrost are susceptible to thaw settlement, which results in high maintenance costs and poor ride quality. The thaw settlement is caused by the permafrost thawing. The shoulders of the roadway tend to be the most problematic areas because there is less fill over the shoulders, which means less insulating material to prevent the heat from reaching the permafrost and causing thawing. Constructing an EPS geofoam embankment over the permafrost takes advantage of the insulating quality of EPS. The primary purpose of the EPS geofoam is to sufficiently insulate the underlying permafrost to minimize/prevent heat transfer into the frozen ground, which reduces thawing and thaw-consolidation of ice-rich permafrost soils to an acceptable level.

The light weight of EPS geofoam also induces little settlement due to increased stress even if the insulation effect of EPS geofoam does not keep the permafrost frozen. Finally, the ability to construct an embankment quickly and under adverse winter conditions is of great benefit in a climate with a short and unpredictable construction season.

2.15.5 Rockfall/impact protection

Development in mountainous regions sometimes occurs where there is a high probability of rockfall. Structures, roads and railways built in the trajectory of the rock need to be protected. Protection galleries can be a good choice when the area to be protected is relatively narrow and limited, like roads and railways, and safety in the area below the protected area can be neglected. Traditionally, rockfall protection galleries are constructed with a soil layer over their cover, which provides limited energy absorption. Adding a layer of EPS geofoam under the soil cover could greatly improve the performance of the protection gallery due to the high energy absorption capacity shown by EPS geofoam as it strains during impact.

EPS geofoam used for road widening project over seismically active area on I580-US 101, San Rafael, CA.



03 design considerations

Design considerations

There are numerous design considerations for EPS geofoam applications. These considerations include engineering properties and construction factors. This section presents some of the advantages and unique features of building with EPS geofoam, as well as precautions that must be followed.

3.1 Lightweight

EPS geofoam is manufactured in various unit weights that typically range from about 0.7 to 2.85 pounds per cubic foot (11.2 to 45.7 kilograms per cubic meter). As a result, they impart small dead load or stress to underlying soils, structures and utilities. This is especially advantageous where the existing soils are poorly suited to support additional loading (e.g., compressible clay, peats, etc.). In fact, existing loads can be significantly reduced by excavating and replacing native soils, which commonly weigh about 100 pounds per cubic foot (1,602 kilograms per cubic meter), with EPS geofoam. This can eliminate the need for specialized foundations or site preloading to reduce settlement and improve bearing capacity. The use of EPS geofoam over existing utilities can eliminate the need for utility relocation. The use of EPS geofoam behind earth retaining structures, such as bridge abutments, can reduce lateral stresses.

3.2 Strength

EPS geofoam is available in a range of compressive resistances. A project designer can choose the specific type of EPS required to support the design loading while minimizing cost. Several different types of EPS geofoam can be specified on a single project to maximize savings. For example, higher strength EPS geofoam can be used in high applied stress areas while lower strength blocks are used in areas where the applied stresses are lower.

EPS geofoam design loads are recommended to not exceed the compressive resistance at 1% capacity. This limit controls the amount of long-term deflection, or creep, resulting from permanent sustained loads.

Note: Adequate soil cover, or a load distribution slab, may be needed to distribute heavy concentrated loads.

3.3 Ease of handling

No special equipment is required when building with EPS geofoam. Blocks can often be carried and set in place by laborers or easily handled with mechanized equipment. This is an important consideration when the construction site is congested or does not have the clearances required for traditional placement or compaction equipment. EPS geofoam can be field cut using a hot-wire cutter, hand saw or chain saw. The EPS geofoam can be trimmed on site to accommodate the shapes of existing underground utilities and services.



3.4 Construction time

EPS geofoam helps projects maintain extremely tight construction schedules. The ease and speed with which EPS geofoam can be constructed results in shorter construction time because of faster placement rates, reduced utility relocation and less disruption of traffic in urban areas. Additionally, adverse weather conditions typically do not affect placement rates of EPS geofoam.

3.5 Construction cost

In addition to other project costs, using EPS geofoam reduces the loading on adjacent supporting structures. Adjacent structures can be designed to be less robust and therefore less expensive. This is particularly important for underground utilities. Typically the higher cost of some types of lightweight fill materials is usually offset by savings when all of the project costs are considered, such as lower installation costs and lower maintenance. Available in a range of compressive resistances, EPS geofoam allows for economical project design.

3.6 Stability

EPS geofoam is considered a permanent material when correctly specified and installed.

3.7 Insulation

EPS is an efficient thermal insulator. EPS has been used for many years as insulation for various building applications. Although some applications may not directly utilize the insulation value of EPS geofoam, this aspect should be considered in all designs.

3.8 Protection

Chemical Exposure

EPS geofoam can be damaged when exposed to certain hydrocarbon chemical and may need protection.

There are a number of hydrocarbon resistant geomembranes that are suitable for protection of EPS geofoam. Make sure that the geomembranes used are compatible with EPS. For example, polypropylene, polyethylene, chlorosulphonated polythylene (CSPE) and Ethylene Interpolymer Alloys (EIAs) are compatible geomembranes. If using EPS geofoam in a location with contaminated soils, laboratory testing should be performed to determine the nature of the contaminants and their possible effects.

Fire

Like many construction materials, EPS is combustible. EPS geofoam is manufactured with a flame retardant in North America. Appropriate precautions should be implemented at project sites if open flame procedures, such as welding, will be performed. In geotechnical finished applications EPS geofoam is protected from exposure by soil, concrete or other cover materials. When used within buildings, gypsum board or concrete should be used for protection.

- EPS is combustible.
- A flame retardant is part of EPS geofoam. This retardant inhibits the early stages of fire development.

UV Light

EPS is susceptible to ultra violet degradation if exposed to sunlight for long periods of time. Degradation caused by prolonged exposure to sunlight is generally surficial (yellow colored dust) and does not cause detrimental property changes of practical importance. This discoloring can be removed by power washing or a grinder, if desired.

Wind

Wind speeds should be monitored during construction to determine if overburden weight restraints such as sandbags should be placed on top of the EPS geofoam to prevent the blocks from shifting.

3.9 Buoyancy

Because of its closed-cell structure and light weight, EPS geofoam is buoyant. Care must be taken during design, construction and post-construction to ensure that the potential flotation forces are accounted for within the hydrological conditions of the site. Adequate surcharge, i.e., soil or pavement cover, or an alternate means of passive restraint must be provided against uplift. Alternately, the material can be installed above the water table or the water table can be lowered using suitable drains or other dewatering systems.

Drainage (generally a sand or gravel layer) can be provided between the EPS geofoam fill and the natural soils to reduce potential uplift forces. Providing for adequate drainage of groundwater and/or surficial waters below the EPS geofoam prevents water from infiltration and reduces the development of uplift forces.

3.10 Water absorption

EPS has a closed-cell structure that limit water absorption. When used in well-drained conditions, no change in EPS geofoam weight is expected over time. A slight increase in the weight of EPS geofoam can be expected over time due to water absorption if installed in a submerged application.

3.11 Sustainability

EPS geofoam can be reground, recycled and reused in many composite applications such as lightweight concrete, plastic lumber, weather resistant outdoor decks, fencing, drain field aggregate, etc.

Compared with traditional fill materials, fewer trucks with lighter loads are required to deliver EPS geofoam to a project site. This means less pollution from fuel emissions and less wear and tear on the nation's roadways and infrastructure.

Traditional soil fills are constructed in thin lifts with repeated compaction. This requires considerable time, construction equipment, fuel to operate the equipment and testing to ensure adequate compaction. For soft soil conditions, significant waiting time is required after fill placement while the underlying foundation soil consolidates and settles. In contrast, EPS geofoam can be quickly placed with no need for compaction or waiting for consolidation to occur. Because each block is equivalent to the height of several soil lifts, construction proceeds more rapidly. In addition, EPS geofoam is unaffected by the normal range of climate and moisture conditions so construction can proceed without regard to weather. Traditional soil fills have to be constructed and compacted within relatively narrow soil moisture conditions to achieve the desired dry unit weight. In addition, because gravity loads and the lateral forces that develop under static and seismic loads are proportional to backfill material density, i.e., the greater the backfill density, the greater these loads. The use of lightweight EPS geofoam significantly reduces these loads.



04 technical data

Technical data

4.1 EPS geofoam types

EPS geofoam is available in different material types. Thorough knowledge and understanding of the type being used on a EPS geofoam project is essential.

ASTM International has three standards pertaining to EPS geofoam.

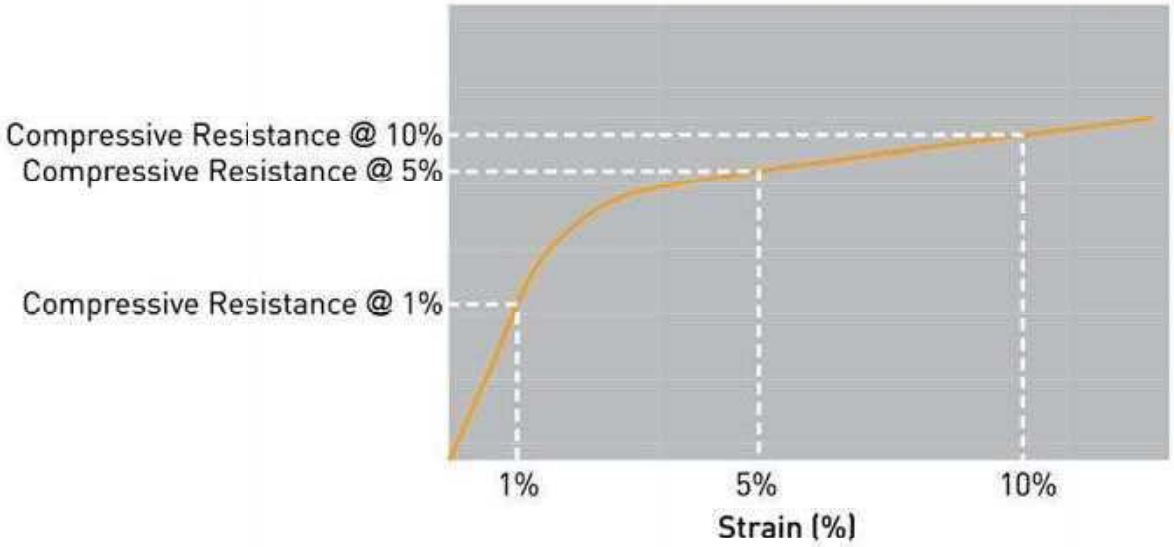
- **ASTM D6817 Standard Specification for Rigid Cellular Polystyrene Geofoam** provides information on the physical properties and dimensions of expanded polystyrene intended for use as geofoam.
- **ASTM D7180 Standard Guide for use of Expanded Polystyrene (EPS) Geofoam in Geotechnical Projects** covers design considerations for the use of EPS in geotechnical applications.
- **ASTM D7557 Standard Practice for Sampling of EPS Geofoam Specimens** can be used for quality assurance.

ASTM D6817 Physical Property Requirements of EPS Geofoam

Type	EPS12	EPS15	EPS19	EPS22	EPS29	EPS39	EPS46
Density, min., kg/m³(lb/ft³)	11.2 (0.70)	14.4 (0.90)	18.4 (1.15)	21.6 (1.35)	28.8 (1.80)	38.4 (2.40)	45.7 (2.85)
Compressive Resistance, min., kPa (psi) at 1 %	15 (2.2)	25 (3.6)	40 (5.8)	50 (7.3)	75 (10.9)	103 (15.0)	128 (18.6)
Compressive Resistance, min., kPa (psi) at 5 %	35 (5.1)	55 (8.0)	90 (13.1)	115 (16.7)	170 (24.7)	241 (35.0)	300 (43.5)
Compressive Resistance, min., kPa (psi) at 10 % ^	40 (5.8)	70 (10.2)	110 (16.0)	135 (19.6)	200 (29.0)	276 (40.0)	345 (50.0)
Flexural Strength, min., kPa (psi)	69 (10.0)	172 (25.0)	207 (30.0)	240 (35.0)	345 (50.0)	414 (60.0)	517 (75.0)
Oxygen index, min., volume %	24.0	24.0	24.0	24.0	24.0	24.0	24.0

The typical design load limit for EPS Geofoam is the compressive resistance at 1%. Please refer to section 4.2 for additional information.

Stress-strain relationship for EPS geofoam



4.2 Compressive resistance

EPS behaves as a linear elastic material up to a strain of about 1% as shown in the figure above that depict the stress-strain response of EPS. As a result, the design recommendation for EPS geofoam is to limit loading to the compressive resistance at 1% strain. The stress at a compressive strain of 1% is called the elastic limit stress and is measured in a standard rapid-loading compression test. Except for special compressible applications, higher compressive strain, e.g., 5 or 10%, is not used to estimate the EPS strength because these strains are past the yield strength of the EPS and this may lead to undesirable permanent strains.

4.3 Creep

Creep behavior of EPS is minimal at strain levels below 1%, which is another reason for using a compressive resistance at 1% strain for design of EPS geofoam. Creep effects increase significantly at higher strains, e.g., 5 and 10%. In summary, a compressive resistance at 1% ensures adequate performance and acceptable creep behavior in EPS geofoam applications.

4.4 Load distribution

Poisson's ratio for EPS is approximately value of 0.12 within the elastic range.

4.5 Coefficient of friction

The coefficient of friction, μ, between EPS geofoam is 0.5 along molded faces. It is higher along cut faces where there is increased roughness. The coefficient of friction for a wire cut face can be assumed to be the same as a molded face or 0.5. If yellowing of the block surface occurs due to UV exposure, the block should be brushed to remove the residue and a coefficient of friction of 0.5 can be used.

4.6 R-value

EPS is an efficient thermal insulator. For construction applications the polystyrene foam industry has developed test data as reported in ASTM C 578 Standard Specification for Rigid Cellular Polystyrene Thermal Insulation. Although some EPS geofoam applications may not directly utilize the insulation value of EPS geofoam, this aspect should be considered in all designs.

4.7 Water absorption

EPS has a closed-cell structure that limits water absorption. An increase in density of EPS geofoam can be expected over time due to water absorption if the blocks are installed in a submerged application.

4.8 Stability

EPS is resistant to fungi and mold and offers no nutritional value to insects. Protection methods for termites include adding a termiticide during the manufacturing process or placing a physical barrier, such as a geomembrane, around the EPS geofoam.

4.9 Chemical resistance

EPS is not soluble in water.

EPS is resistant, at ambient temperature, to:

- alkalis
- dilute inorganic acids
- gypsum plaster
- most alcohols
- portland cement
- silicone oil
- solvent-free bitumen

EPS can be damaged by, and should not come in contact with the materials below. Protect EPS geofoam from contact with these materials both during construction and after project completion using an appropriate hydrocarbon-resistant geomembrane or other physical barrier:

- hydrocarbons
- chlorinated hydrocarbons
- organic solvents
- ketones
- ethers
- esters
- diesel and gasoline
- concentrated acids
- vegetable oils
- animal fats and oils
- paraffin

If using EPS geofoam in a location of contaminated soils, laboratory testing should be performed to determine the nature of the contaminants, e.g. methane, and their possible impact on the EPS geofoam.

Chemical Resistance of EPS Geofoam

EPS is resistant to:	Chemicals that may damage EPS:	
• alkalis	• hydrocarbons	• concentrated acids
• dilute inorganic acids	• chlorinated hydrocarbons	• vegetable oils
• gypsum plaster	• organic solvents	• paraffin
• most alcohols	• ketones	• animal fats and oils
• portland cement	• ethers	
• silicone oil	• esters	
• solvent-free bitumen	• diesel and gasoline	

This table provides general guidance but should not be relied upon solely when EPS geofoam could be exposed to chemicals.

Contributing members

ACH Foam Technologies
www.achfoam.com

AFM Corporation
www.afmcorporation.com

Atlas EPS
www.atlaseps.com

BASF Corporation
iwww.plasticsportal.com/products/styropor.html

Beaver Plastics Ltd.
www.beaverplastics.com

Cellofoam North America Inc
www.cellofoam.com

Drew Foam Companies, Inc.
www.drewfoam.com

Flint Hills Resources, LP
www.fhr.com/chemicals/intermediates/eps.aspx

FMI-EPS, LLC
www.fmi-eps.com

Georgia Foam, Inc. & Mid-Atlantic Foam
www.gafoam.com

Houston Foam Plastics
www.houstonfoam.com

Insulation Corporation of America
www.insulationcorp.com

Insulfoam, a division of Carlisle Construction Materials
www.insulfoam.com

Le Groupe LegerLite, Inc.
www.legerlite.ca

Mansonville Plastics Ltd.
www.mansonvilleplastics.com

NOVA Chemicals, Inc.
www.novachemicals.com/EPS/index.cfm

OPCO, Inc.
www.opcodirect.com

Plasti-Fab Ltd.
www.plastifab.com

Versa Tech Inc.
www.versatechinc.net

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Published January, 2012

Photo credits

Atlas EPS	Cover, 2.1
Insulation Corporation of America	2.10
Insulfoam	Cover, 1.2, 2.1, 2.2, 2.8, 2.9, 2.11, 2.12, 2.15
Mansonville Plastics Ltd.	2.4, 2.6, 3.10
NOVA Chemicals	Cover, 2.10, 3.10
Plasti-Fab Ltd.	2.5, 3.1

All illustrations are for reference only and are not actual representations of EPS geofoam design.

About the authors

STARK CONSULTANTS, Inc.

Stark Consultants, Inc., a woman-owned small business, has been providing geotechnical and structural engineering consulting services since its inception in 1997. Our clients include federal, state and local government agencies, private research agencies, utilities, attorneys, engineers and consultants, among others.

Dr. Timothy D. Stark

Dr. Timothy D. Stark is a professor of civil and environmental engineering at the University of Illinois at Urbana-Champaign with an expertise in geotechnical engineering. Dr. Stark has been conducting research and teaching on geosynthetics and geofoam for over fifteen years. Dr. Stark has received a number of awards for his research and teaching activities including the elected R.S. Ladd Standard Development Award from the ASTM (2011), Fellow, American Society of Civil Engineers (ASCE) (2005), R.M. Quigley Award from the Canadian Geotechnical Society (2003), Standard Development Award from the ASTM (2002), Walter L. Huber Research Prize from the ASCE (1999), University Scholar Award from the University of Illinois (1998) and the Thomas A. Middlebrooks Award from the ASCE (1998). Dr. Stark is also a licensed professional engineer in Illinois. Dr. Stark was the principal investigator for the NCHRP Project 24-11(01) titled "Guidelines for Geofoam Applications in Embankment Projects" and is currently the co-principal investigator for NCHRP Project 24-11(02) titled "Guidelines for Geofoam Applications in Slope Stability Projects." Other current geosynthetics research topics include being the technical director of the industry-sponsored Fabricated Geomembrane Institute (www.fabricatedgeomembrane.com).

Dr. Steven F. Bartlett

Dr. Bartlett has a bachelor of science in geology (1983) and a doctorate in civil engineering (1992) with an emphasis in geotechnical engineering from Brigham Young University. He is a licensed professional engineer and has approximately 25 years of design and construction experience working with Westinghouse, Woodward-Clyde Consultants, Utah Department of Transportation Research Division and the University of Utah. Currently, he is an associate professor of Civil and Environmental Engineering at the University of Utah.

His specialty areas are in geotechnical earthquake engineering, design and construction of lightweight embankments (i.e., geofoam), soil stabilization, geotechnical instrumentation and assessment and mapping of liquefaction-induced ground failure. He has worked on projects that include highways, dams, building foundations, tailings impoundments, pipelines and hazardous and radioactive waste facilities.

Dr. David Arellano

Dr. David Arellano has been an assistant professor of civil engineering at the University of Memphis since August 2005. Previously, he worked in private practice for nearly 10 years for several geotechnical engineering consulting firms. In addition to private practice, he was an officer in the Corps of Engineers in the U.S. Army Reserve for nearly 23 years. He obtained both his undergraduate and graduate degrees from the University of Illinois in Champaign. Dr. Arellano is a licensed Professional Engineer in Wisconsin.

Dr. Arellano was involved with the NCHRP Project 24-11(01) titled "Guidelines for Geofoam Applications in Embankment Projects." He is currently the lead Co-PI for NCHRP Project 24-11(02) titled "Guidelines for Geofoam Applications in Slope Stability Projects." Other current research topics include use of expanded recycled polystyrene in drainage applications and engineering behavior of loess soils.

Contacts & resources

ASTM International
100 Barr Harbor Drive
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www.astm.org

EPS Industry Alliance
1298 Cronson Blvd., Suite 201
Crofton MD 21114
800-607-3772
info@epscentral.org
www.epsmolders.org

U.S. Department of Transportation Federal Highway Administration
1200 New Jersey Ave. SE
Washington, DC 20590
202-366-4000
www.fhwa.dot.gov

Geofoam Research Center
College of Engineering and
Computer Science
237 Hinds Hall
Syracuse University
Syracuse, NY 13244-1240
grc@syr.edu
geofoam.syr.edu

National Cooperative Highway Research Program (NCHRP)
Transportation Research Board
The National Academies
500 Fifth St. NW
Washington, DC 20001
202-334-2934
www.trb.org/NCHRP/Public/NCHRP.aspx

K-Public Safety Fire and Emergency Medical



Legend

CENTROID

- SKATE PARK
- MSJ_SKATE_PARK_PROJECT_LIMIT
- 2008_09_19_PR_EMS (GIS.PR.GOV)
- HOSPITALES_OTROS (GIS.PR.GOV)
- HOSPITALES_CDT (GIS.PR.GOV)

N W E S

PR-CRP-000935 Escambrón Skate Park at Parque Tercer Milenio PUBLIC SAFETY, POLICE,FIRE AND EMERGENCY MEDICAL Source: GIS.PR.GOV, Google Maps, Esri Imagery Basemap

0 110 220 440 660 880 Meters

1:20,000

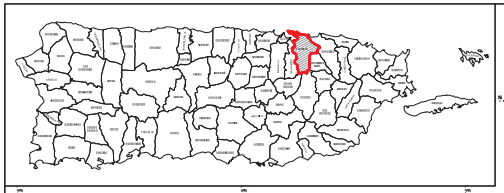
GBA- APR/2025
Plan. Laredo González

PARQUE DEL TERCER MILENIO, LUIS MUÑON MARÍN AVENUE, SAN JUAN ANTIGUO WARD, SAN JUAN, PUERTO RICO.
Parcel ID: 040-006-125-01, 040-006-135-01

Coordinates: 18.465682°, -66.090019°

Spatial Reference: NAD 1983 StatePlane Puerto Rico-Virgin Islands FIPS 5200

L-Survey Map



IMPORTANT NOTES:

1- THIS MAP IS REFEREED TO STATE PLANE COORDINATE SYSTEM (LAMBERT) NAD83 NA 2011 (EPOCH 2010) AND ELEVATIONS TO PRVD02.

2- ALL MEASURES ARE IN METERS, UNLESS OTHERWISE STATED.

3- THIS DRAWING REPRESENTS THE RESULT OF THE DATA TAKEN ON THE SITES AT THE INDICATED DATE AND IT CAN ONLY REPRESENTS THE EXISTING CONDITIONS AT THE WRITTEN DATE.

4- THE INFORMATION PROVIDED ON THIS DRAWING MAY OR MAY NOT SHOW ALL THE STRUCTURES AND UTILITIES THAT ARE ABOVE OR BELOW THE GROUND.

5- ALL ILLUSTRATED SYMBOLS (UTILITIES IN GENERAL, TRAFFIC, ETC) ARE ONLY FOR ILLUSTRATION PURPOSES, THEY ARE NOT NECESSARY AS BIG AS THE SYMBOLS ARE.

6- THE ADJOINERS AND CADASTRE NUMBERS WERE OBTAINED FROM THE CRIM VIRTUAL PAGE.

HORIZONTAL & VERTICAL CONTROL STATIONS

STATION	COORDINATES NORTH (Y)	COORDINATES EAST (X)	ELEVATION	DESCRIPTION
STA. 1	269823. 7310	236582. 4270	3. 1960	PK NAIL
STA. 2	269835. 9870	236469. 6830	3. 3850	PK NAIL
STA. 3	269864. 8015	236468. 2297	3. 2950	PK NAIL
STA. 4	269891. 2927	236493. 9885	2. 9120	PK NAIL
STA. 5	269949. 9673	236525. 5995	2. 3420	PK NAIL
STA. 6	269946. 5845	236558. 1125	2. 3100	PK NAIL
STA. 7	269909. 9164	236571. 0092	2. 8870	PK NAIL
STA. 8	269905. 7280	236416. 5380	3. 4340	PK NAIL
STA. 9	270157. 0890	236369. 7220	8. 9170	NAIL
STA. 10	270119. 2580	236351. 1070	2. 1560	NAIL
STA. 11	270043. 4170	236536. 3510	1. 7400	PK NAIL
STA. 50	270325. 4080	236180. 0710	2. 0790	PK NAIL
STA. 51	270062. 5250	236804. 8540	1. 9270	PK NAIL
STA. 52	269981. 3774	236183. 8252	4. 6480	PK NAIL

LEGEND:

STA-##	HORIZONTAL & VERTICAL CONTROL STATIONS
CN: ###	CRIM NUMBER
	TREE
	VEGETATION
	PROPERTY LIMIT (CRIM VIRTUAL PAGE)
	CONCRETE SWALE
	UNDERGROUND GAS LINE
	UNDERGROUND WATER LINE
	UNDERGROUND ELECTRIC POWER LINE
	UNDERGROUND UNKNOWN LINE
	UNDERGROUND SANITARY PIPES
	UNDERGROUND STORM SEWER PIPES
	IRON FENCE
	CHAIN LINK FENCE
	IRON FENCE OVER LOW WALL
	CHAIN LINK FENCE OVER LOW WALL
G	GATE
	CONTOUR LINE INTERVAL 0.25m
	CONTOUR LINE INTERVAL 1.00m
20.00	SPOT ELEVATION
CS	CONCRETE SLAB
MC	METAL COVER
W.C.M.	COLUMN
EB	ELECTRIC BOX
EM	ELECTRIC METER
TEB	TRANSFORMER ELEC. BOX
TC	TELECOMMUNICATION COVER
RS	ROAD SIGN
BN	CONCRETE BENCH
	ORNAMENTAL LIGHT POLE
MLP	PARK METAL LIGHT POLE
MLP	METAL LIGHT POLE
CLP	CONCRETE LIGHT POLE
CEP	CONCRETE ELECTRIC POLE
	METAL LAMP
	GUY WIRE
B	BOLLARDS
TC	TRASH CAN
	PLANTING & GREEN AREAS
CO	CLEAN OUT
WV	WATER VALVE
WM	WATER METER
FH	FIRE HYDRANT
SSMH	STORM SEWER MANHOLE
SMH	SANITARY MANHOLE
CB	CATCH BASINS
T=21.15 D=20.18 I=18.12 CLGD F.O.W.	TOP ELEVATION DROP ELEVATION INVERT ELEVATION CLOGGED FULL OF WATER
	WAREHOUSE ENTRANCE
	GUARD HOUSE ENTRANCE

0MTS. 20MTS. 50MTS. 75MTS.

GRAPHIC SCALE 1:1,000



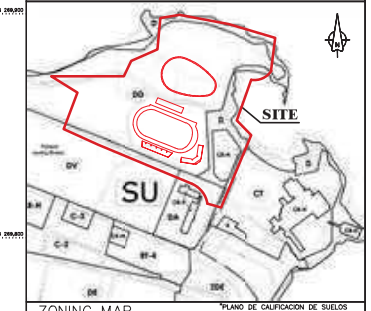
LOCATION MAP
SCALE 1:20,000 SAN JUAN QUADRANGLE
NORTH (Y) = 270086.92
EAST (X) = 236447.85



AERIAL PHOTO
SCALE 1:5,000



FEMA FIRM MAP
SCALE 1:10,000
MAP REVISED: NOVEMBER 18, 2009
MAP NUMBER: 72000C0355J ZONE X, AE



ZONING MAP NOT TO SCALE
"PLANO DE CALIFICACION DE SUELOS MUNICIPIO AUTONOMO DE SAN JUAN"
QUALIFICATION: D, DD, CR-H (SEE NOTE No.7) SHEET No.20, VALIDITY: MARCH 11, 2003

MFORCE
Professional Land Surveyors
161 PONCE DE LEON AVE, SUITE 304,
HATO REY WARD, SAN JUAN PR 00917
TEL: 787-548-1461,
email: INFO@MFORCEGROUP.COM

CARLOS FOURNIER MORALES
AGRIMENSOR COLEGIADO
NUM. 21,174
PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE:

AS-BUILT & TOPOGRAPHY SURVEY PLAN OF ESCAMBRON BEACH, HOTEL NORMANDIE & PORTION OF SIXTO ESCOBAR PARK LOCATED AT LUIS MUÑOZ RIVERA AVENUE OLD SAN JUAN, SAN JAUN, PUERTO RICO

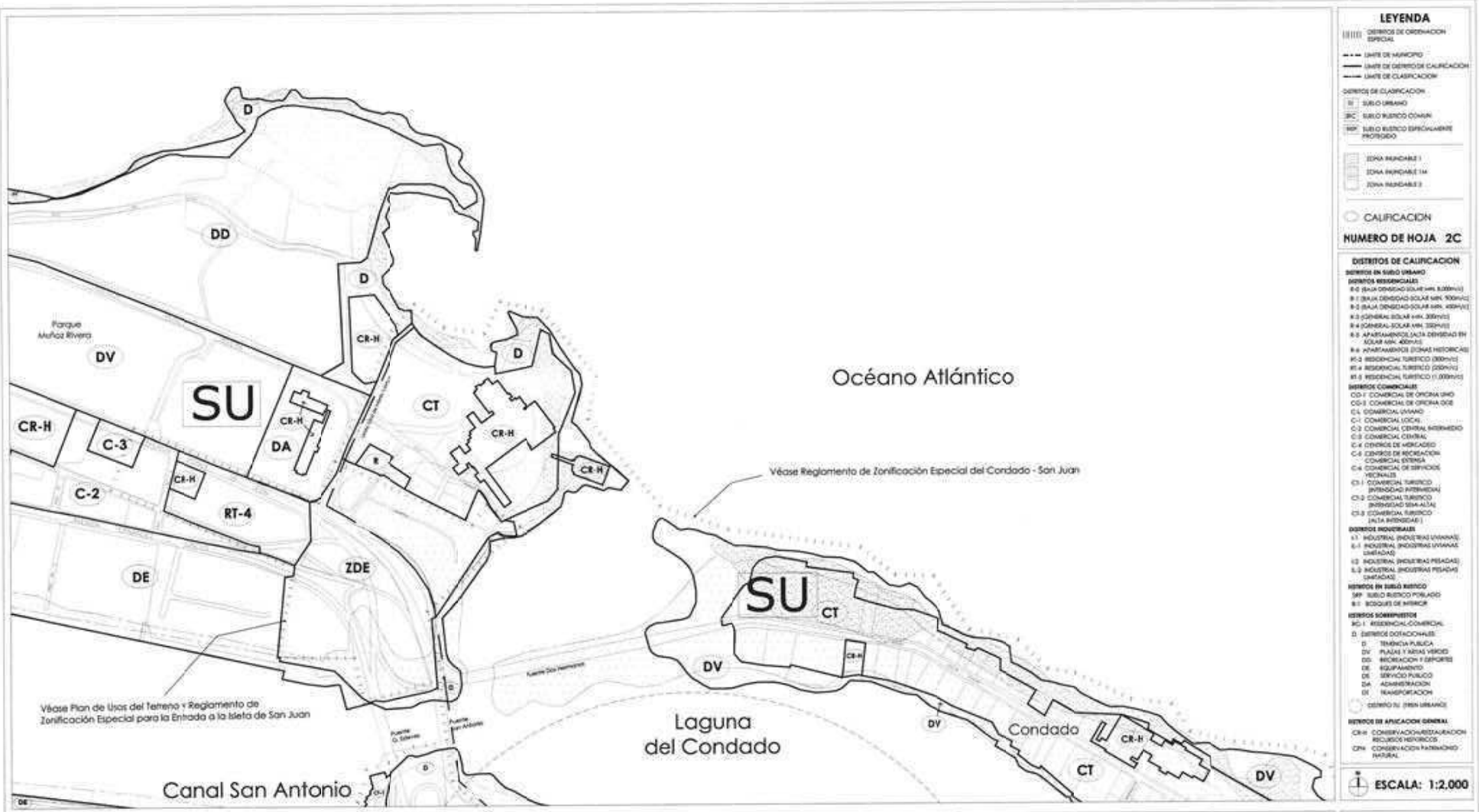
FILE NAME: LS-2315 Escambron Skate Park, San Juan
DRAWN BY: J. NIEVES
FIELD DATA BY: C. FOURNIER
DRAWING SCALE: 1:1,000
DATE: SEPTEMBER 20, 2022

$15

S

PAGE NUMBER: OF:

M-Zoning Map



LEYENDA

- DISTRITOS DE ORDENACION ESPECIAL
- LIMITE DE MUNICIPIO
- LIMITE DE DISTRITO DE CALIFICACION
- LIMITE DE CLASIFICACION

DISTRITOS DE CLASIFICACION

- SU SUELO URBANO
- SRC SUELO RUSTICO COMUN
- SRP SUELO RUSTICO ESPECIALMENTE PROTEGIDO

ZONA INUNDABLE 1
ZONA INUNDABLE 1A
ZONA INUNDABLE 2

CALIFICACION

NUMERO DE HOJA 2C

DISTRITOS DE CALIFICACION

DISTRITOS EN SUELO URBANO

DISTRITOS RESIDENCIALES

- R-0 (BAJA DENSIDAD SOLAR MIN. 8,000m/c)
- R-1 (BAJA DENSIDAD SOLAR MIN. 900m/c)
- R-2 (BAJA DENSIDAD SOLAR MIN. 600m/c)
- R-3 (GENERAL SOLAR MIN. 300m/c)
- R-4 (GENERAL SOLAR MIN. 200m/c)
- R-5 APARTAMENTOS (ALTA DENSIDAD EN SOLAR MIN. 400m/c)
- R-6 APARTAMENTOS (ZONAS HISTORICAS)
- RT-2 RESIDENCIAL TURISTICO (300m/c)
- RT-4 RESIDENCIAL TURISTICO (200m/c)
- RT-5 RESIDENCIAL TURISTICO (1,000m/c)

DISTRITOS COMERCIALES

- CO-I COMERCIAL DE OFICINA UNO
- CO-2 COMERCIAL DE OFICINA DOS
- C-1 COMERCIAL (VIVIANA)
- C-1 COMERCIAL (LOCAL)
- C-2 COMERCIAL CENTRAL INTERMEDIO
- C-3 COMERCIAL CENTRAL
- C-4 CENTROS DE MERCADEO
- C-5 CENTROS DE RECREACION COMERCIAL EXTENSA
- C-6 COMERCIAL DE SERVICIOS VECINALES
- C1-1 COMERCIAL TURISTICO (INTENSIDAD INTERMEDIA)
- C1-2 COMERCIAL TURISTICO (INTENSIDAD SEMI-ALTA)
- C1-3 COMERCIAL TURISTICO (ALTA INTENSIDAD)

DISTRITOS INDUSTRIALES

- I-1 INDUSTRIAL (INDUSTRIAS LIVIANAS)
- I-1 INDUSTRIAL (INDUSTRIAS LIVIANAS LIMITADAS)
- I-2 INDUSTRIAL (INDUSTRIAS PESADAS)
- I-2 INDUSTRIAL (INDUSTRIAS PESADAS LIMITADAS)

DISTRITOS EN SUELO RUSTICO

- SRP SUELO RUSTICO POBLADO
- B-1 BOSQUES DE INTERIOR

DISTRITOS SOBREPUESTOS

- RC-1 RESIDENCIAL-COMERCIAL
- D DISTRITOS DOTACIONALES
  - D TENENCIA PUBLICA
  - DV PLAZAS Y AREAS VERDES
  - DES RECREACION Y DEPORTES
  - DE EQUIPAMIENTO
  - DS SERVICIO PUBLICO
  - DA ADMINISTRACION
  - DT TRANSPORTACION

CENTRO DU (URBAN URBANO)

DISTRITOS DE APLICACION GENERAL

- CR-H CONSERVACION/REST/AURACION RECURSOS HISTORICOS
- CPN CONSERVACION PATRIMONIO NATURAL

ESCALA: 1:2,000

CERTIFICACION

ADOPTADO POR LA JUNTA DE PLANIFICACION DE PUERTO RICO

9 OCT. 2002

CARMEN TORRES
SECRETARIA

13 MAR 2003
VIGENCIA

Mapa de Calificación de Suelo Municipio Autónomo de San Juan

0 50 100 200
METROS

CERTIFICACION DEL MUNICIPIO AUTONOMO DE SAN JUAN

HON. JORGE A. SANTINI
ALCALDE

JUAN ASHRAFI
DIRECTOR ORDENACION TERRITORIAL

ANGELES A. MENDOZA TIO
PRESIDENTA ASAMBLEA MUNICIPAL

13 MAR 2003
VIGENCIA

2B	2C	
3B	3C	3D
4B	4C	4D

Attachment XVIII: SITE PICTURES.

ESCAMBRON SKATE PARK

December 4, 2021



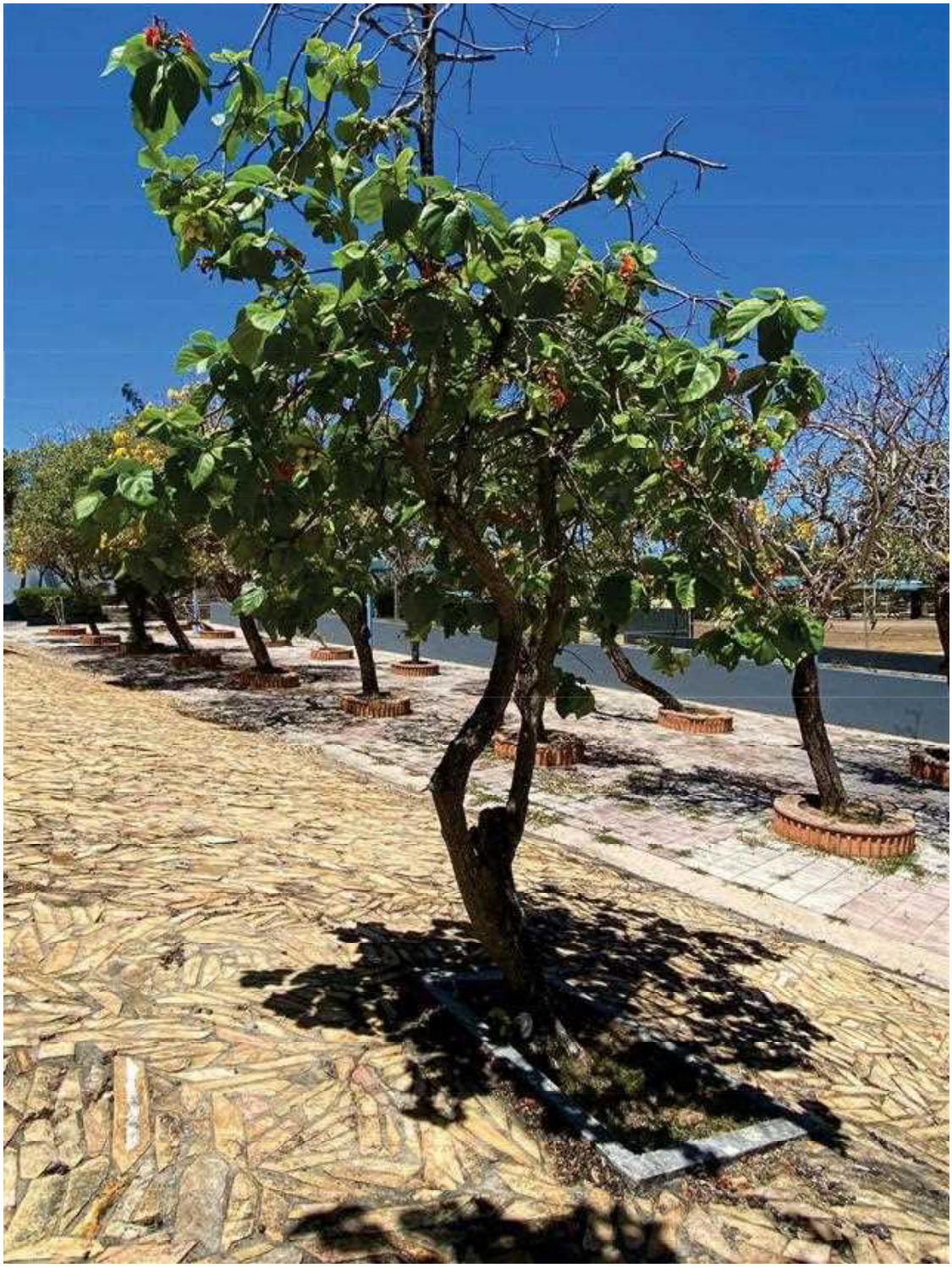
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SAN JUAN
CIUDAD CAPITAL

PICT 1



PICT 2



PICT 3



PICT 4



PICT 5



PICT 6



PICT 7



PICT 8



PICT 9



PICT 10



PICT 11



PICT 12



PICT 13



PICT 14



PICT 15



PICT 16



PICT 17



PICT 18



PICT 19



PICT 20



PICT 21



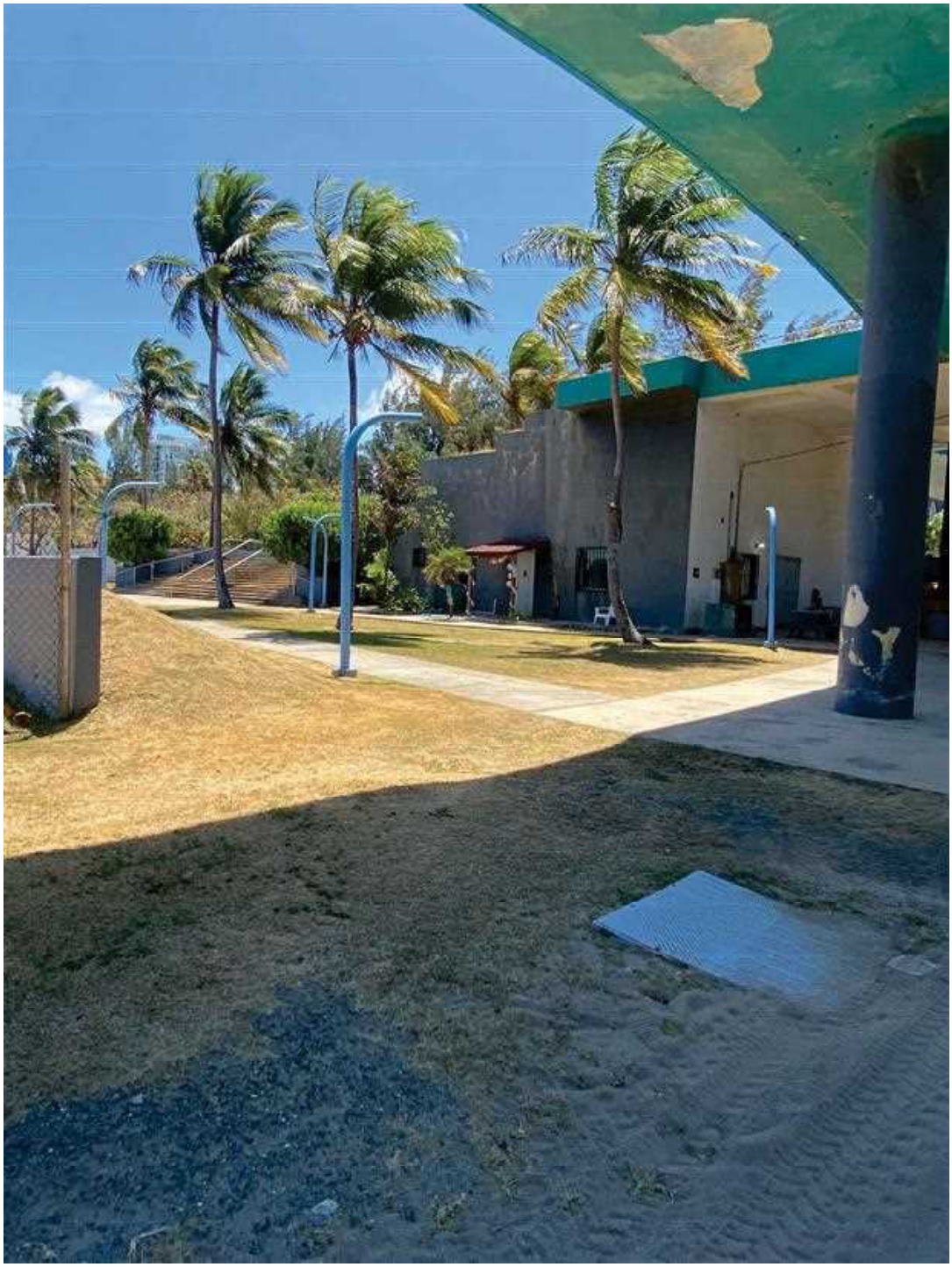
PICT 22



PICT 23



PICT 24



PICT 25



PICT 26



Attachment XIX: PROPOSED PROJECT.

SAN JUAN
CIUDAD CAPITAL

90% Construction Drawings for:
Improvements and New Design of
ESCAMBRON SKATEPARK PR-CRP-000935
Municipio Autónomo de
San Juan, Puerto Rico





HERNANDEZ-BAUZA
PSC, ARCHITECTS

Project Management:
Dept. Urban Design and Project Development, Autonomous Municipality of San Juan, Puerto Rico

Architects:
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Cond. Marimir, Suite 203-204
San Juan, PR 00925

P.O. Box 361090
San Juan, PR 00936-1090
Phone: 787-751-7241
Email: istraher@gmail.com

Site Information

Address: Ave. Luis Muñoz Marín, San Juan, 00901

Catastro: 040-006-125-01
Site Area: 24,070 mc

INDEX OF DRAWINGS

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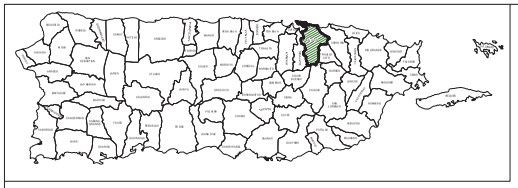
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CALIFICATION MAP



AERIAL MAP / SOW LOCATION MAP





HORIZONTAL & VERTICAL CONTROL STATIONS

STATION	COORDINATES NORTH (Y)	COORDINATES EAST (X)	ELEVATION	DESCRIPTION
STA. 1	269823.7310	236522.4270	3.1960	PK NAIL
STA. 2	269855.9870	236469.6830	3.3850	PK NAIL
STA. 3	269864.8015	236468.2297	3.2950	PK NAIL
STA. 4	269891.2907	236493.9885	2.9120	PK NAIL
STA. 5	269949.9673	236525.5995	2.3480	PK NAIL
STA. 6	269946.5845	236558.1125	2.3100	PK NAIL
STA. 7	269909.9164	236571.0392	2.8870	PK NAIL
STA. 8	269905.7580	236416.5380	3.4340	PK NAIL
STA. 9	270157.0890	236369.7220	8.9170	NAIL
STA. 10	270119.2580	236251.1070	2.1560	NAIL
STA. 11	270043.4170	236536.3510	1.7400	PK NAIL
STA. 50	270025.4080	236180.0710	2.0790	PK NAIL
STA. 51	270062.5250	236204.8540	1.9270	PK NAIL
STA. 52	269981.3774	236183.8252	4.6480	PK NAIL

IMPORTANT NOTES:

1- THIS MAP IS REFEREED TO STATE PLANE COORDINATE SYSTEM (LAMBERT) NAD83 NA 2011 (EPOCH 2010) AND ELEVATIONS TO PRVD02.

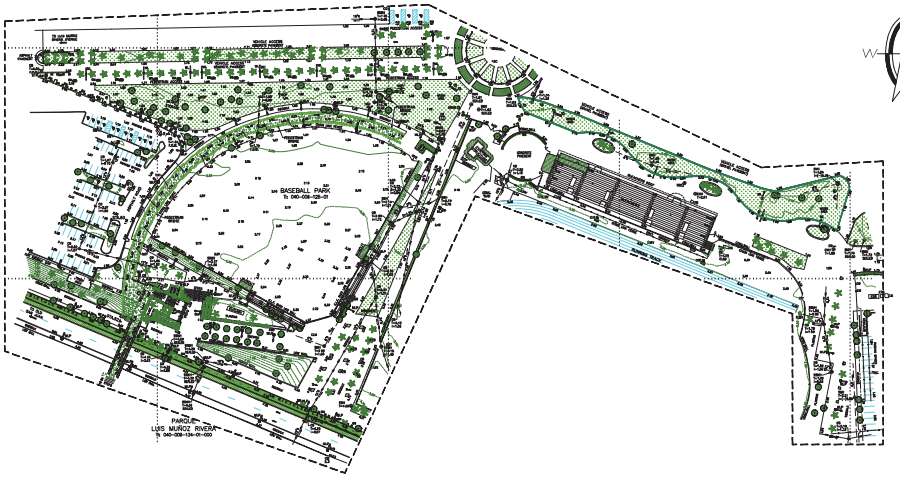
2- ALL MEASURES ARE IN METERS, UNLESS OTHERWISE STATED.

3- THIS DRAWING REPRESENTS THE RESULT OF THE DATA TAKEN ON THE SITES AT THE INDICATED DATE AND IT CAN ONLY REPRESENTS THE EXISTING CONDITIONS AT THE WRITTEN DATE.

4- THE INFORMATION PROVIDED ON THIS DRAWING MAY OR MAY NOT SHOW ALL THE STRUCTURES AND UTILITIES THAT ARE ABOVE OR BELOW THE GROUND.

5- ALL ILLUSTRATED SYMBOLS (UTILITIES IN GENERAL, TRAFFIC, ETC) ARE ONLY FOR ILLUSTRATION PURPOSES, THEY ARE NOT NECESSARY AS BIG AS THE SYMBOLS ARE.

6- THE ADJOINERS AND CADASTRE NUMBERS WERE OBTAINED FROM THE CRIM VIRTUAL PAGE.



0MTS. 20MTS. 50MTS. 75MTS.

GRAPHIC SCALE 1:1,000

LEGEND:

STA-## A	HORIZONTAL & VERTICAL CONTROL STATIONS
CN: ###	CRIM NUMBER
	TREE
	VEGETATION
	PROPERTY LIMIT (CRIM VIRTUAL PAGE)
	CONCRETE SWALE
	UNDERGROUND GAS LINE
	UNDERGROUND WATER LINE
	UNDERGROUND ELECTRIC POWER LINE
	UNDERGROUND UNKNOWN LINE
	UNDERGROUND SANITARY PIPES
	UNDERGROUND STORM SEWER PIPES
	IRON FENCE
	CHAIN LINK FENCE
	IRON FENCE OVER LOW WALL
	CHAIN LINK FENCE OVER LOW WALL
G	GATE
	CONTOUR LINE INTERVAL 0.25m
29.0	CONTOUR LINE INTERVAL 1.00m
29.00	SPOT ELEVATION
CS	CONCRETE SLAB
MC	METAL COVER
CLM	COLUMN
EB	ELECTRIC BOX
EM	ELECTRIC METER
TEB	TRANSFORMER ELEC. BOX
TC	TELECOMMUNICATION COVER
RS	ROAD SIGN
BN	CONCRETE BENCH
	ORNAMENTAL LIGHT POLE
MLP	PARK METAL LIGHT POLE
MLP	METAL LIGHT POLE
CLP	CONCRETE LIGHT POLE
CEP	CONCRETE ELECTRIC POLE
	METAL LAMP
	GUY WIRE
B	BOLLARDS
TC	TRASH CAN
	PLANTING & GREEN AREAS
CO	CLEAN OUT
WV	WATER VALVE
WM	WATER METER
FH	FIRE HYDRANT
SSMH	STORM SEWER MANHOLE
SMH	SANITARY MANHOLE
CB	CATCH BASING
T=21.15 D=20.18 I=19.12 CLOS F.O.W.	TOP ELEVATION DROP ELEVATION INVERT ELEVATION CLOGGED FULL OF WATER
	WAREHOUSE ENTRANCE
	GUARD HOUSE ENTRANCE



LOCATION MAP
SCALE 1:20,000 SAN JUAN QUADRANGLE
NORTH (Y) = 270066.92
EAST (X) = 236447.85



AERIAL PHOTO
SCALE 1:5,000



FEMA FIRM MAP
SCALE 1:10,000
MAP REVISED: NOVEMBER 18, 2009
MAP NUMBER: 72000C0356J
ZONE X, AE



ZONING MAP
NOT TO SCALE
"PLANO DE CALIFICACION DE SUELOS MUNICIPIO AUTONOMO DE SAN JUAN" SHEET No.2C, VALIDITY: MARCH 11, 2003
"CALIFICATIONS: D, DD, CR-H (SEE NOTE No.7)

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TEL: 787-548-1461,
email: INFO@MFORCEGROUP.COM

REVISIONS

NO.	DESCRIPTION	DATE:

AS-BUILT & TOPOGRAPHY SURVEY PLAN FOR ESCAMBRON SKATEPARK PROJECT LOCATED AT LUIS MUÑOZ RIVERA AVENUE OLD SAN JUAN, SAN JAUN, PUERTO RICO

FILE NAME: LS-2315 Escambron Skate Park, San Juan
DRAWN BY: J. NIEVES
FIELD DATA BY: C. FOURNIER
DRAWING SCALE: 1:1,000
DATE: SEPTEMBER 20, 2022

SITE - 1

PAGE NUMBER: 1 OF: 1

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PROJECT
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SURVEY BLOW-UP
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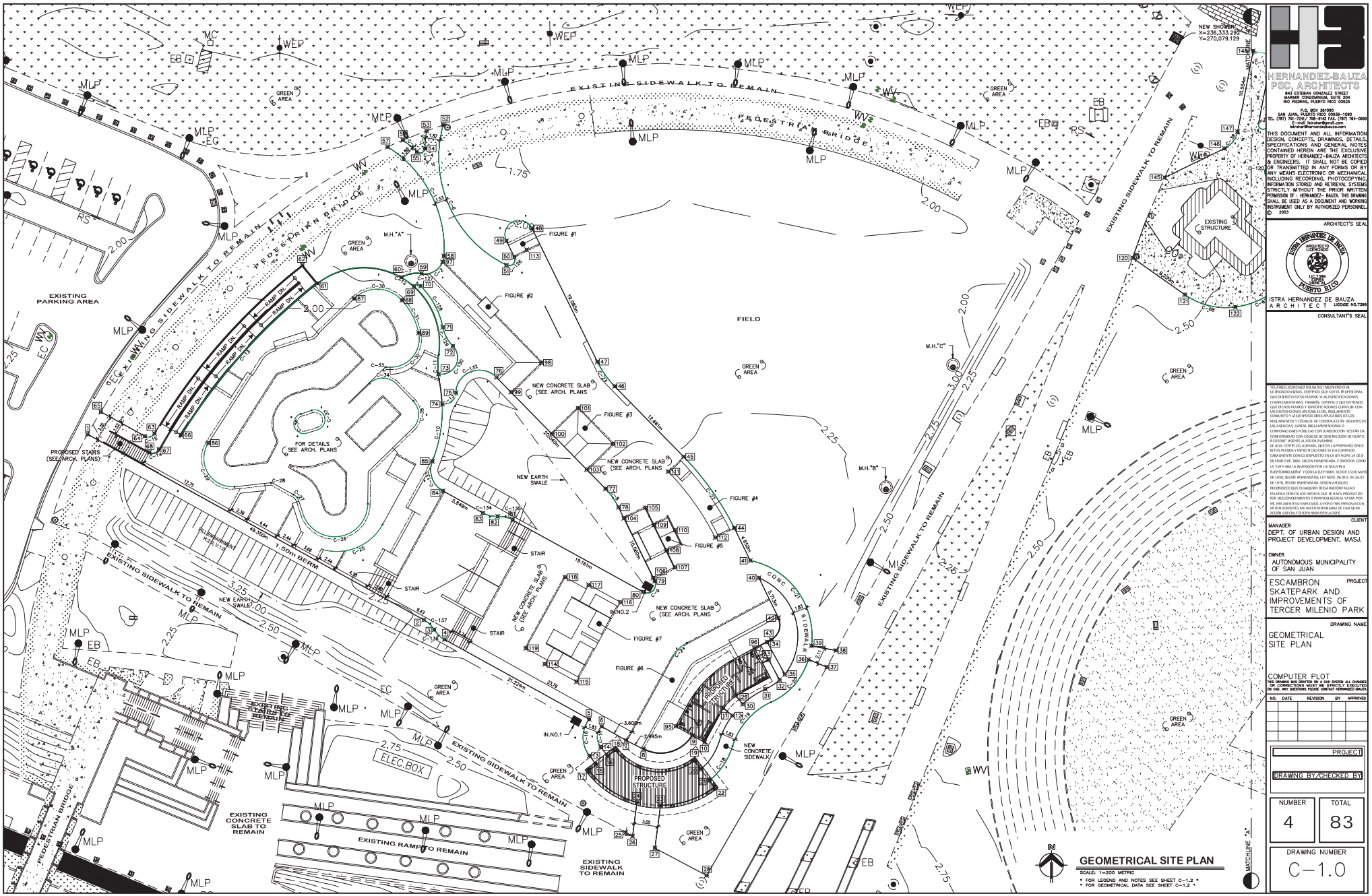
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GEOMETRICAL SITE PLAN

SCALE: 1=200 METRIC

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* FOR GEOMETRICAL DATA SEE SHEET C-1.2 *

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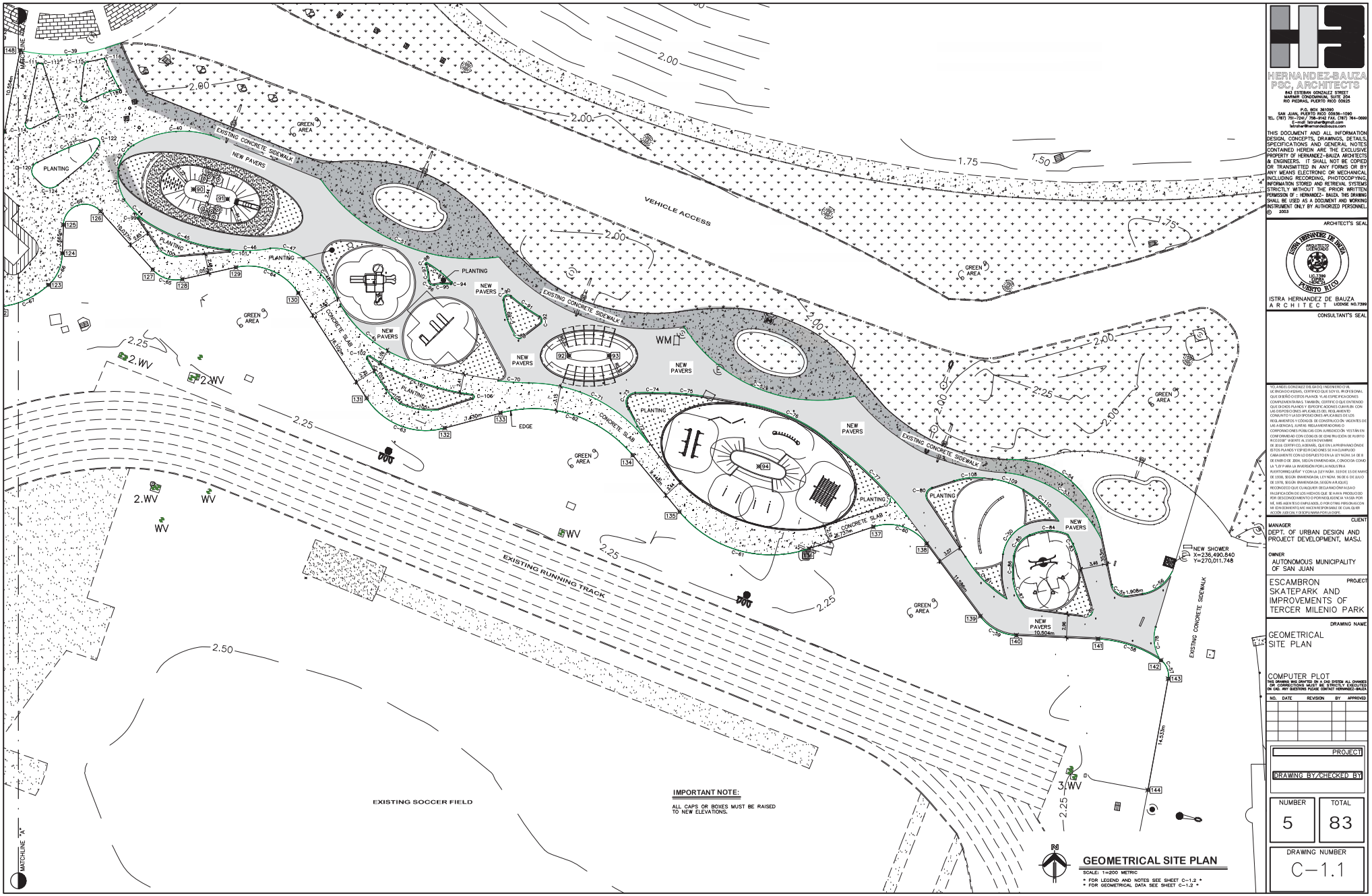
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DRAWING NUMBER
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CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C-1	61°35'24"	15.41	9.18	2.53	16.56	15.78	270052.0604	236223.8189
C-2	96°55'51"	2.44	2.75	1.24	4.13	3.65	270051.2856	236236.7661
C-3	7°45'37"	17.24	1.17	0.04	2.33	2.33	270052.0610	236223.8195
C-4	131°29'57"	0.61	1.35	0.87	1.40	1.11	270064.9765	236236.1355
C-5	7°06'15"	18.25	1.13	0.04	2.26	2.26	270064.2725	236254.9786
C-6	79°43'26"	15.41	12.87	4.67	21.44	19.75	270063.8392	236253.9459
C-7	42°28'14"	3.66	1.42	0.27	2.71	2.65	270045.2890	236235.6698
C-8	18°13'35"	9.14	1.47	0.12	2.91	2.90	270014.8191	236253.4132
C-9	145°00'00"	1.07	3.38	2.48	2.70	2.03	270008.8910	236265.3132
C-10	23°38'29"	18.29	3.83	0.40	7.55	7.49	270031.4811	236220.7091
C-11	18°03'43"	10.06	1.60	0.13	3.17	3.16	270037.0418	236248.5046
C-12	136°00'54"	9.75	24.15	16.29	23.15	18.09	270039.9097	236228.9011
C-13	20°13'02"	74.69	13.32	1.18	26.36	26.22	269988.7694	236268.9223
C-14	89°24'41"	0.91	0.91	0.37	1.43	1.29	270026.7289	236201.7790
C-15	88°18'45"	0.91	0.89	0.36	1.41	1.27	270028.7850	236201.2074
C-16	75°27'40"	3.82	2.96	1.01	5.03	4.68	269989.2715	236260.8897
C-17	82°41'18"	1.99	1.75	0.66	2.88	2.63	269989.2717	236260.8902
C-18	3°59'29"	9.14	2.79	0.42	5.42	5.35	269990.7976	236267.5326
C-19	48°35'01"	9.14	4.13	0.89	7.75	7.52	269985.4723	236285.0280
C-20	49°11'01"	8.76	4.01	0.87	7.52	7.29	270001.7801	236277.6472
C-21	85°48'38"	9.91	9.21	3.62	14.84	13.49	270002.2806	236276.5931
C-22	18°43'32"	36.64	5.39	0.39	10.70	10.66	269999.7486	236243.7524
C-23	18°13'35"	12.19	1.96	0.16	3.88	3.86	270042.9153	236269.8539
C-24	32°56'10"	5.03	1.49	0.22	2.89	2.85	269996.9674	236272.7802
C-25	75°50'08"	6.71	5.22	1.79	8.88	8.24	270019.8582	236225.4352
C-26	161°29'31"	4.27	26.19	22.27	12.03	8.42	270019.3244	236225.1407
C-27	43°22'46"	1.52	0.61	0.12	1.15	1.13	270019.1322	236219.1203
C-28	35°00'00"	0.30	0.10	0.01	0.19	0.18	270021.6888	236217.0039
C-29	126°50'16"	3.66	7.31	4.52	8.10	6.54	270025.1318	236212.0039
C-30	92°18'37"	4.27	4.44	1.89	6.87	6.16	270042.5929	236230.6221
C-31	29°46'13"	9.14	2.43	0.32	4.75	4.70	270039.3282	236226.9993
C-33	43°08'21"	0.30	0.12	0.02	0.23	0.22	270036.5397	236231.7677
C-34	90°00'00"	2.44	2.44	1.01	3.83	3.45	270033.0036	236231.3469
C-35	90°00'00"	2.44	2.44	1.01	3.83	3.45	270030.7871	236233.5124
C-36	180°00'00"	1.30	INFINITY	INFINITY	4.07	2.59	270029.6054	236221.2085
C-37	180°00'00"	1.30	INFINITY	INFINITY	4.07	2.59	270030.0580	236222.6142
C-38	5°30'04"	3.05	1.52	0.36	2.83	2.73	270067.6956	236338.1673
C-39	34°40'18"	21.66	6.76	1.03	13.10	12.91	270098.5743	236348.0582
C-40	55°19'58"	12.02	6.30	1.55	11.61	11.16	270055.0802	236364.0665
C-41	23°26'51"	3.99	0.83	0.09	1.63	1.62	270061.9201	236369.8634
C-42	13°14'11"	8.34	0.97	0.06	1.93	1.92	270059.9974	236363.7833
C-43	31°37'27"	6.94	1.96	0.27	3.83	3.78	270061.6135	236362.6568
C-44	22°08'28"	11.75	2.30	0.22	4.54	4.51	270065.1287	236366.1286
C-45	29°38'34"	24.21	6.41	0.83	12.53	12.39	270076.0081	236372.2327
C-46	17°23'47"	17.17	2.62	0.20	5.21	5.19	270068.9349	236372.2057
C-47	43°57'43"	6.10	2.46	0.48	4.68	4.56	270045.9724	236375.8417

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C-48	25°03'42"	15.52	3.45	0.38	6.79	6.74	270038.4371	236370.1709
C-49	41°41'10"	16.02	6.10	1.12	11.65	11.40	270052.8942	236398.1523
C-50	56°04'02"	4.99	2.66	0.66	4.89	4.69	270011.9705	236474.3831
C-51	62°53'24"	23.94	14.64	4.12	26.28	24.98	270074.6546	236401.3911
C-52	70°40'26"	20.52	14.55	4.63	25.31	23.73	270053.0509	236445.7405
C-53	57°28'16"	15.48	8.48	2.17	15.52	14.88	270007.8392	236468.2137
C-54	79°25'45"	11.67	9.69	3.50	16.17	14.91	270013.2858	236470.6115
C-55	85°51'49"	1.84	1.71	0.67	2.76	2.51	270009.2458	236485.2397
C-56	54°18'59"	5.24	2.69	0.65	4.97	4.79	270012.8694	236486.5022
C-57	62°54'13"	2.44	1.49	0.42	2.68	2.54	269997.2162	236488.2651
C-58	31°55'26"	15.54	4.44	0.62	8.66	8.55	269986.3681	236480.9172
C-59	50°54'03"	6.10	2.90	0.66	5.42	5.24	270008.4489	236471.4305
C-60	72°07'32"	6.10	4.44	1.45	7.67	7.18	270010.5015	236454.7373
C-61	69°04'53"	15.24	10.49	3.26	18.37	17.28	270027.9218	236439.6343
C-62	65°30'52"	16.46	10.59	3.11	18.82	17.81	270015.0080	236409.1828
C-63	72°03'59"	9.14	6.65	2.16	11.50	10.76	270037.7945	236395.3442
C-64	69°18'33"	7.62	5.27	1.64	9.22	8.67	270042.1595	236372.5135
C-65	60°30'17"	3.96	2.31	0.62	4.18	3.99	270051.9687	236363.1507
C-66	48°17'15"	5.43	2.43	0.52	4.57	4.44	270051.3562	236343.1539
C-67	34°37'15"	10.99	3.42	0.52	6.64	6.54	270055.4648	236339.4088
C-68	42°50'29"	9.14	3.59	0.68	6.84	6.68	270053.6382	236339.6567
C-69	136°01'15"	2.74	6.79	4.58	6.51	5.09	270064.9762	236351.4605
C-70	4°23'30"	51.74	1.98	0.04	3.97	3.97	270086.4661	236410.4326
C-71	52°59'45"	19.11	9.53	2.24	17.67	17.05	270015.6479	236408.5384
C-72	7°20'50"	38.25	2.46	0.08	4.91	4.90	270048.5234	236455.5209
C-73	115°07'05"	1.22	1.92	1.05	2.45	2.06	270032.2912	236422.2322
C-74	3°17'20"	77.35	2.22	0.03	4.44	4.44	269956.1852	236424.2165
C-75	7°54'06"	30.63	2.12	0.07	4.22	4.22	270002.8771	236425.8112
C-76	31°06'30"	22.31	6.21	0.85	12.11	11.96	270010.1369	236432.9139
C-77	17°00'42"	47.09	7.04	0.52	13.98	13.93	269988.8999	236419.8731
C-78	46°20'39"	5.03	2.15	0.44	4.07	3.96	270001.9817	236493.8846
C-79	113°18'44"	0.76	1.16	0.62	1.51	1.27	270019.7789	236454.2072
C-80	106°31'29"	1.07	1.43	0.72	1.98	1.71	270020.2798	236460.6358
C-81	27°17'01"	16.03	3.89	0.47	7.64	7.56	270020.6626	236478.3910
C-82	114°01'40"	0.91	1.41	0.77	1.82	1.53	270005.6371	236480.0860
C-83	12°19'51"	12.92	1.40	0.08	2.78	2.78	270008.8068	236466.6268
C-84	48°10'48"	6.01	2.69	0.57	5.05	4.90	270009.8014	236475.4240
C-85	56°56'23"	3.60	1.91	0.48	3.52	3.38	270011.9705	236474.3831
C-86	12°45'26"	13.27	1.48	0.08	2.95	2.95	270010.6763	236483.9620
C-87	36°43'16"	6.37	2.11	0.34	4.08	4.01	270010.1165	236477.0842
C-88	93°47'08"	0.61	0.65	0.28	1.00	0.89	270041.0872	236407.3488
C-89	28°19'02"	10.07	2.54	0.32	4.98	4.93	270046.2490	236415.2784
C-90	134°54'14"	0.61	1.47	0.98	1.44	1.13	270045.4663	236405.8492
C-91	9°10'40"	28.26	2.27	0.09	4.53	4.52	270067.5303	236424.4672
C-92	112°10'15"	0.61	0.91	0.48	1.19	1.01	270042.7792	236409.6067
C-93	13°41'02"	16.91	2.03	0.12	4.04	4.03	270035.7991	236386.6194

CURVE DATA

CURVE ID	Δ	R	T	E	L	C	CENTER NORTHING	CENTER EASTING
C-94	141°24'05"	0.15	0.44	0.31	0.38	0.29	270047.5994	236398.5207
C-95	18°47'50"	6.58	1.09	0.09	2.16	2.15	270040.9151	236397.7223
C-96	101°10'48"	0.61	0.74	0.35	1.08	0.94	270047.9474	236396.2294
C-97	18°34'15"	6.58	1.08	0.09	2.13	2.12	270047.8463	236389.0412
C-98	141°00'41"	0.15	0.43	0.30	0.38	0.29	270050.0797	236395.3916
C-99	159°05'17"	0.15	0.83	0.69	0.42	0.30	270065.9669	236358.3799
C-100	60°36'52"	3.05	1.78	0.48	3.22	3.08	270054.0362	236363.2144
C-101	169°56'25"	0.15	1.73	1.59	0.45	0.30	270051.7383	236370.1051
C-102	154°16'52"	0.30	1.34	1.06	0.82	0.59	270037.9806	236387.9719
C-103	4°23'02"	61.03	2.34	0.04	4.67	4.67	270068.5487	236440.4369
C-104	23°43'36"	6.10	1.28	0.13	2.52	2.51	270037.2085	236395.3225
C-105	30°47'22"	9.40	2.59	0.35	5.05	4.99	270040.6679	236395.8754
C-106	155°16'30"	0.30	1.39	1.12	0.83	0.60	270032.9995	236401.2066
C-107	26°51'33"	30.14	7.20	0.85	14.13	14.00	270063.2033	236405.0196
C-108	24°37'07"	9.30	2.03	0.22	3.99	3.96	270013.3212	236465.9496
C-109	23°43'18"	10.16	2.13	0.22	4.21	4.18	270012.3317	236466.8679
C-110	22°12'32"	15.80	3.10	0.30	6.13	6.09	270007.4142	236464.0963
C-111	79°02'11"	0.30	0.25	0.09	0.42	0.39	270075.5250	236345.5895
C-112	68°54'36"	0.30	0.20	0.06	0.35	0.33	270075.5036	236345.8429
C-113	82°23'09"	0.61	0.53	0.20	0.88	0.80	270069.5202	236347.4993
C-114	128°53'08"	0.61	1.22	0.75	1.35	1.09	270068.0379	236344.4495
C-115	73°14'14"	0.61	0.45	0.15	0.78	0.73	270075.4156	236351.9683
C-116	78°36'13"	0.47	0.38	0.14	0.64	0.59	270075.9361	236353.7514
C-117	5°24'16"	30.02	1.42	0.03	2.83	2.83	270087.5119	236381.9688
C-118	20°01'15"	7.63	1.35	0.12	2.67	2.65	270064.8691	236356.7728
C-119	122°24'28"	0.61	1.11	0.66	1.30	1.07	270071.4746	236351.5203
C-120	110°38'53"	1.22	1.76	0.92	2.35	2.01	270061.9971	236345.8890
C-121	6°29'38"	28.96	1.64	0.05	3.28	3.28	270038.2423	236360.4793
C-122	141°38'05"	0.61	1.75	1.25	1.51	1.15	270065.5863	236352.7971
C-123	18°22'26"	8.23	1.33	0.11	2.64	2.63	270069.2435	236346.0938
C-124	82°50'59"	1.52	1.34	0.51	2.20	2.02	270061.3395	236347.0229
C-125	180°00'00"	1.83	INFINITY	INFINITY	5.75	3.66	270053.8835	236248.8655
C-126	141°57'14"	0.76	2.21	1.58	1.89	1.44	270050.6584	236247.5608
C-127	91°47'27"	0.61	0.63	0.27	0.98	0.88	270046.8315	236235.7735
C-128	33°37'27"	10.36	3.13	0.46	6.08	5.99	270039.9100	236228.9014
C-129	32°47'45"	4.88	1.44	0.21	2.79	2.75	270042.9696	236243.8311
C-130	142°52'38"	2.13	6.35	4.57	5.32	4.05	270038.0667	236238.8204
C-131	98°26'15"	1.52	1.68	0.74	2.54	2.26	270033.6300	236239.2018
C-132	132°57'36"	3.05	7.00	4.59	7.07	5.59	270033.4140	236243.7687
C-133	82°44'30"	3.05	2.68	1.01	4.40	4.03	270023.6147	236240.5421
C-134	31°13'06"	3.66	1.02	0.14	1.99	1.97	270021.3221	236245.9579
C-135	31°13'00"	3.66	1.02	0.14	1.99	1.97	270014.0129	236246.2545
C-136	29°04'37"	3.66	0.95	0.12	1.86	1.84	270005.0538	236241.0404
C-137	29°04'43"	3.66	0.95	0.12	1.86	1.84	270001.1741	236234.8388

COORDINATE POINTS

POINT ID	NORTHING	EASTING
1	270028.2207	236193.3982
2	270004.3765	236236.6059
3	270003.1140	236237.8396
4	270001.8515	236239.2731
5	269991.5965	236257.8553
6	269990.6707	236259.4691
7	269988.8796	236262.5915
8	269987.7523	236264.8358
9	269989.5151	236271.1093
10	269988.6457	236272.6900
11	269993.0300	236275.1016
12	269992.0646	236276.2562
13	269986.9180	236257.8776
14	269988.0402	236259.3217
15	269985.7467	236258.7812
16	269986.8643	236260.2287
17	269985.0137	236257.8324
18	269987.6225	236261.2087
19	269986.2521	236271.3655
20	269985.1597	236272.1920
21	269983.6994	236273.2969
22	269982.8492	236273.9402
23	269980.5319	236267.0138
24	269980.9260	236263.9914
25	269977.0420	236262.5280
26	269976.5665	236263.4236
27	269975.0405	236266.2986
28	269971.5147	236272.9412
29	269994.6150	236276.6968
30	269993.5334	236277.5837
31	269995.4581	236280.4798
32	269996.6589	236282.3201
33	269999.2144	236280.9369
34	270001.5260	236280.7254
35	269997.3412	236282.9905
36	269999.2774	236286.0383
37	269998.3099	236288.3900
38	270000.4258	236289.5641
39	270001.0313	236286.4252
40	270009.7619	236279.6517
41	270011.9952	236278.5572
42	270004.6328	236282.1683
43	270001.8145	236281.2623
44	270016.1730	236276.5099
45	270025.3387	236269.9815
46	270034.3952	236261.1333
47	270037.5503	236258.9060
48	270054.6882	236250.5077
49	270053.0787	236247.2233
50	270050.9937	236248.2450

COORDINATE POINTS

POINT ID	NORTHING	EASTING
51	270049.9726	236247.2285
52	270067.9751	236239.1035
53	270067.2036	236236.9689
54	270064.9540	236236.7450
55	270064.5356	236235.7152
56	270066.0276	236233.9218
57	270065.1515	236231.9471
58	270051.1397	236239.2002
59	270048.8869	236236.3276
60	270048.3871	236233.7256
61	270047.6279	236222.9374
62	270049.9836	236221.0020
63	270028.3198	236201.9946
64	270027.9844	236200.7656
65	270031.1141	236195.0944
66	270028.1102	236205.4303
67	270026.2788	236202.5750
68	270025.9283	236201.3372
69	270047.2473	236235.3277
70	270047.2641	236236.2030
71	270041.9905	236239.0536
72	270039.5589	236240.3454
73	270035.9565	236238.5051
74	270032.1213	236238.9859
75	270033.5580	236240.7241
76	270035.5441	236245.9489
77	270021.2093	236259.9538
78	270018.8430	236261.6243
79	270009.3604	236266.2712
80	270007.9570	236264.7978
81	270017.2152	236248.0217
82	270017.6675	236246.1062
83	270018.1198	236244.1905
84	270020.9461	236239.0693
85	270024.7384	236237.7088
86	270027.0989	236208.9201
87	270045.6455	236227.6403
88	270045.4495	236233.7921
89	270041.2691	236235.9352
90	270059.6334	236365.4269
91	270058.3821	236369.8011
92	270038.2574	236413.7080
93	270038.2642	236418.8020
94	270024.0461	236438.0593
95	269990.6904	236268.9729
96	270000.7274	236279.0782
97	270050.3766	236239.0288
98	270037.4210	236251.6863
99	270033.6365	236247.8126
100	270028.2718	236253.0539

COORDINATE POINTS

POINT ID	NORTHING	EASTING
101	270031.5734	236256.4332
102	270026.9949	236260.9062
103	270023.6934	236257.5269
104	270017.4262	236262.3193
105	270018.7898	236265.1019
106	270009.7636	236266.0736
107	270011.1275	236268.8567
108	270013.3164	236267.7841
109	270016.6018	236266.1766
110	270015.8975	236268.8952
111	270023.4354	236268.0058
112	270014.9484	236274.0537
113	270051.9278	236249.8239
114	269998.6741	236252.1615
115	269996.4282	236256.2311
116	270006.6283	236261.8603
117	270008.8742	236257.7907
118	270009.8523	236254.7566
119	270000.7197	236249.7166
120	270050.8881	236327.6702
121	270046.1581	236334.3973
122	270044.5773	236340.8865
123	270047.3447	236346.8105
124	270051.4166	236348.5815
125	270055.0793	236348.7192
126	270056.8056	236353.5046
127	270049.3263	236360.1980
128	270048.0977	236363.9969
129	270049.6037	236370.8862
130	270046.3120	236378.9026
131	270032.8114	236387.6773
132	270028.9658	236397.7244
133	270030.8998	236404.8983
134	270025.4937	236421.8696
135	270018.2128	236427.8872
136	270013.4825	236444.5091
137	270016.2773	236452.7874
138	270014.1301	236459.6358
139	270004.8204	236466.5320
140	270002.3590	236471.1571
141	270001.8881	236481.6510
142	269999.1527	236489.7468
143	269996.7791	236490.6640
144	269982.4810	236488.0590
145	270061.2181	236331.8129
146	270064.9542	236339.4997
147	270067.1161	236341.1597
148	270077.4779	236343.1664

LEGEND:

- [1] COORDINATE POINT
- V-1 VERTEX LABEL
- PC POINT OF CURVE
- PT POINT OF TANGENT
- PROPERTY LIMIT
- PORTION OF EXISTING FENCE TO BE DEMOLISHED

HATCH LEGEND:

- NEW PAVERS AREA
- NEW CONCRETE SLAB
- EXISTING CONCRETE SLAB

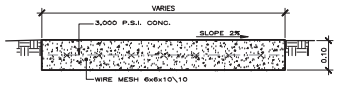
NOTES:

1—DIMENSIONS AND/OR ELEVATIONS ARE SHOWN IN METRIC SYSTEM.

2—THIS PLAN AND OTHER RELATED ONES, HAS BEEN PREPARED CONSIDERING THE INFORMATION INCLUDED IN THE "AS—BUILT & TOPOGRAPHY SURVEY PLAN OF ESCAMBRON BEACH, HOTEL NORMANDIE & PORTION OF SIXTO ESCOBAR PARK" PREPARED BY MFORCE PROFESSIONAL LAND SURVEYORS AND DATED ON SEPTEMBER 20, 2022.

3—CONTRACTOR SHALL REPAIR AND MAINTAIN IN ACCEPTABLE CONDITIONS ANY EXISTING PAVEMENT AND UTILITIES THAT WILL REMAIN IN USE AFTER THE COMPLETION OF THE PROJECT. CONTRACTOR SHALL REPAVE ANY AFFECTED AREA OF PAVEMENT WITH 1" ASPHALT TYPE IV—b.

4—COORDINATES ARE REFEREED TO LAMBERT NAD 83 (NRVS 2007) & ELEVATIONS TO "MEAN SEA LEVEL" DATUM (PRVD 2002).



CONCRETE SIDEWALK DETAIL (1 / C-1.2)

GEOMETRICAL DATA
NOT TO SCALE

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GEOMETRICAL DATA

COMPUTER PLOT
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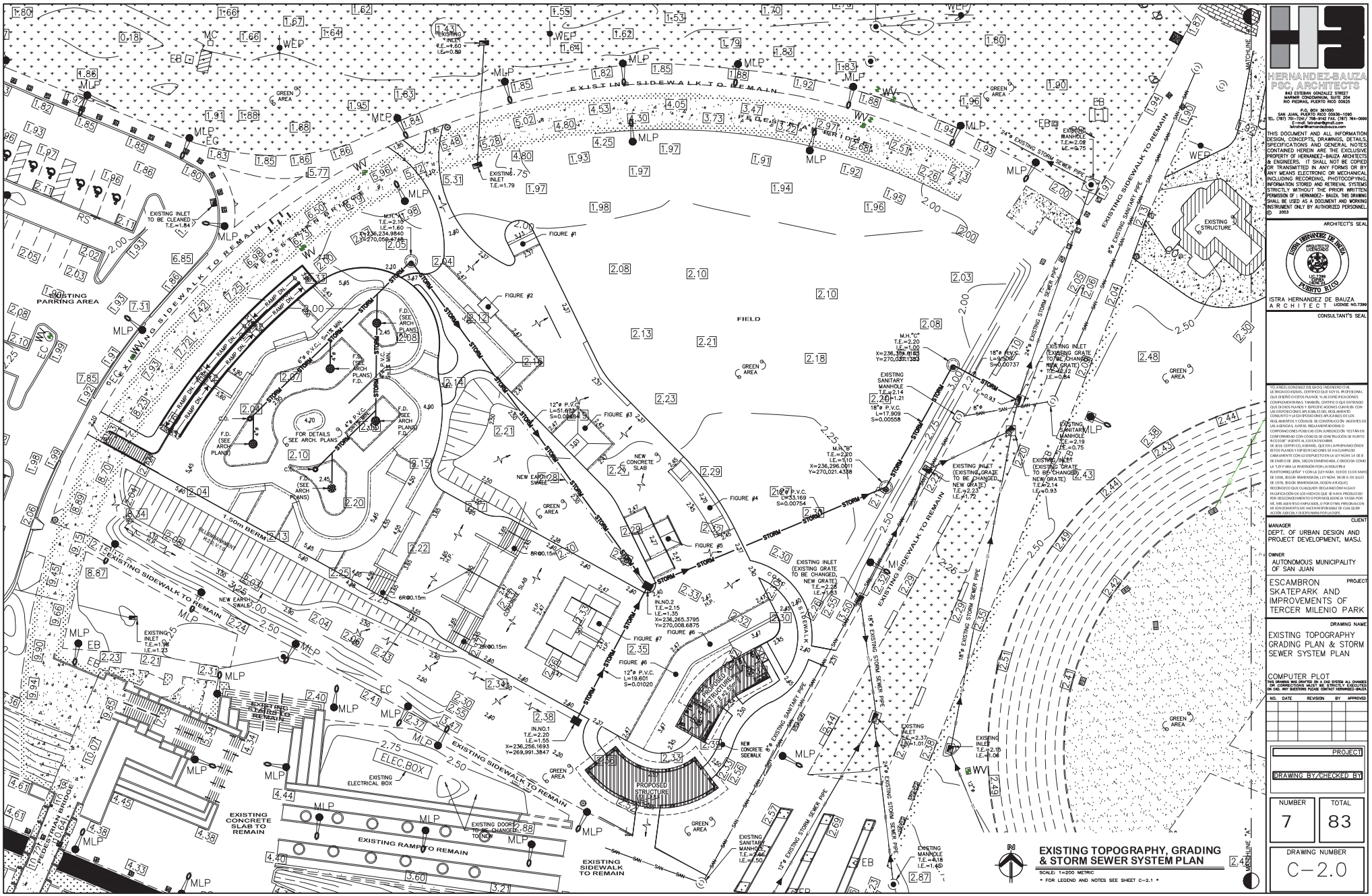
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY

NUMBER	TOTAL
6	83

DRAWING NUMBER
C—1.2



EXISTING TOPOGRAPHY, GRADING & STORM SEWER SYSTEM PLAN

SCALE: 1=200 METRIC

* FOR LEGEND AND NOTES SEE SHEET C-2.1 *

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CLIENT MANAGER
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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
EXISTING TOPOGRAPHY GRADING PLAN & STORM SEWER SYSTEM PLAN

COMPUTER PLOT

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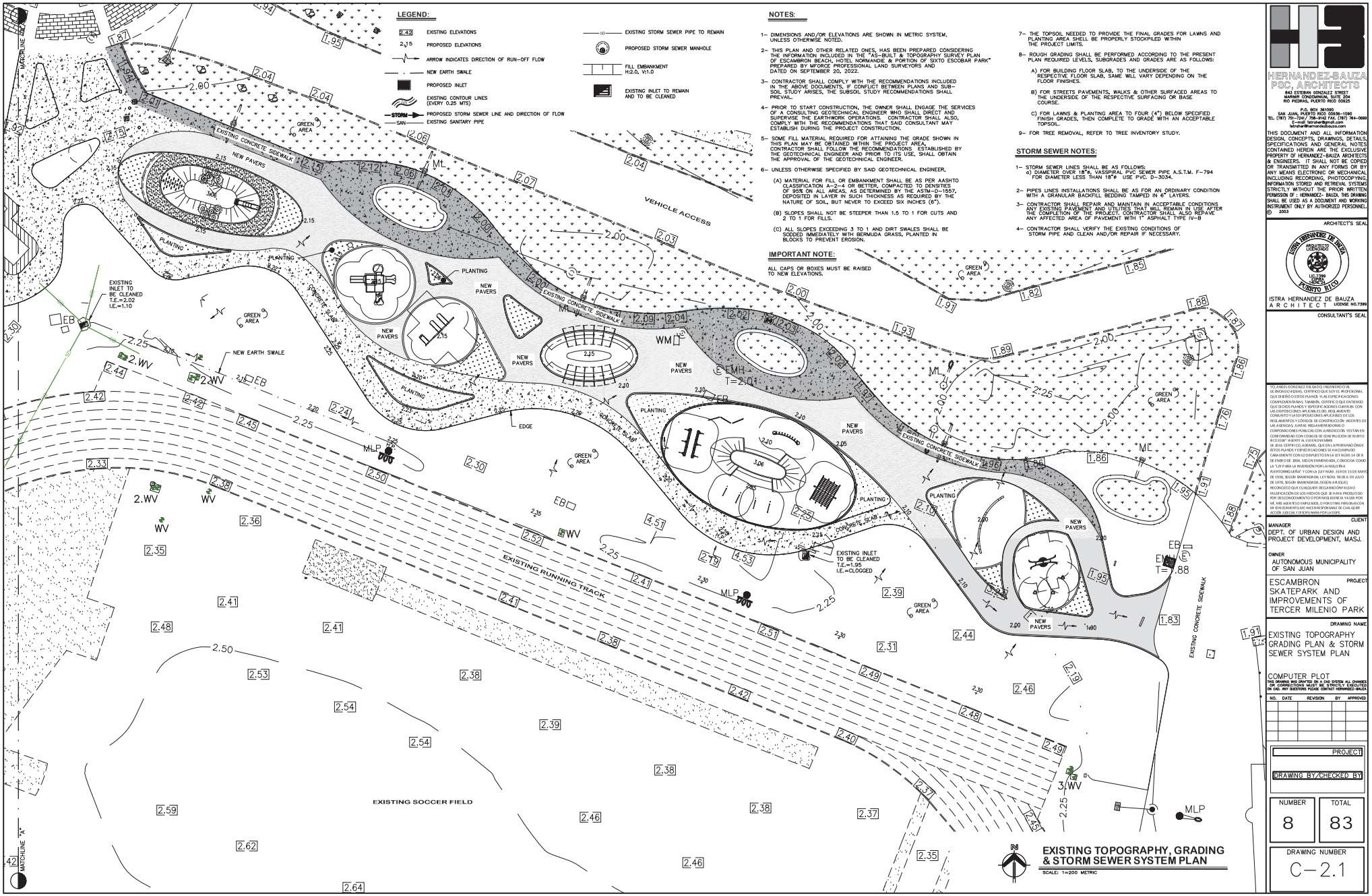
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NUMBER	TOTAL
7	83

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CLIENT

MANAGER
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PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
EXISTING TOPOGRAPHY GRADING PLAN & STORM SEWER SYSTEM PLAN

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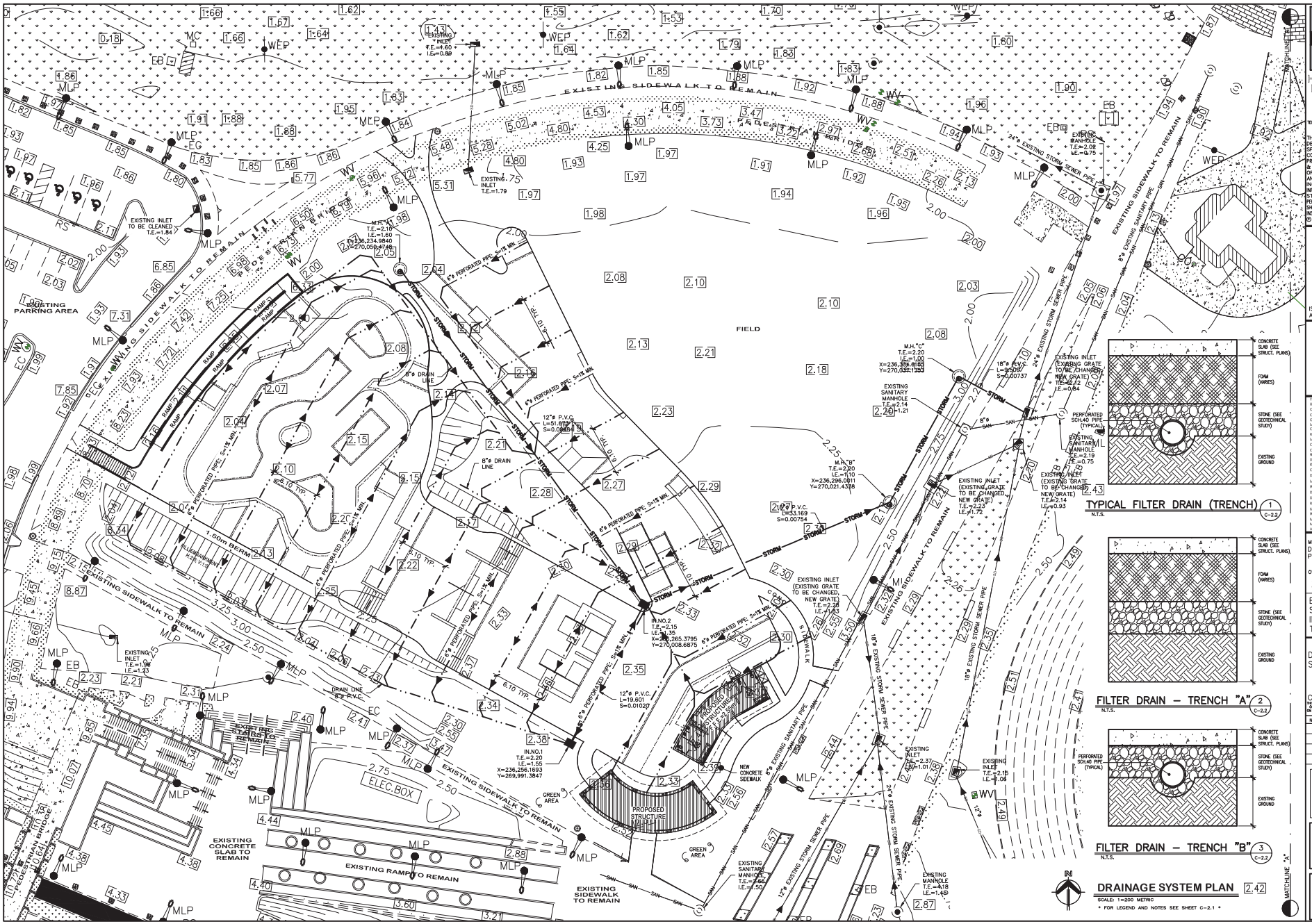
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NUMBER	TOTAL
8	83

DRAWING NUMBER
C-2.1



TYPICAL FILTER DRAIN (TRENCH) 1 C-2.2

N.T.S.

FILTER DRAIN – TRENCH "A" 2 C-2.2

N.T.S.

FILTER DRAIN – TRENCH "B" 3 C-2.2

N.T.S.

DRAINAGE SYSTEM PLAN 2.42

SCALE: 1=200 METRIC

* FOR LEGEND AND NOTES SEE SHEET C-2.1 *

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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
DRAINAGE SYSTEM PLAN

COMPUTER PLOT
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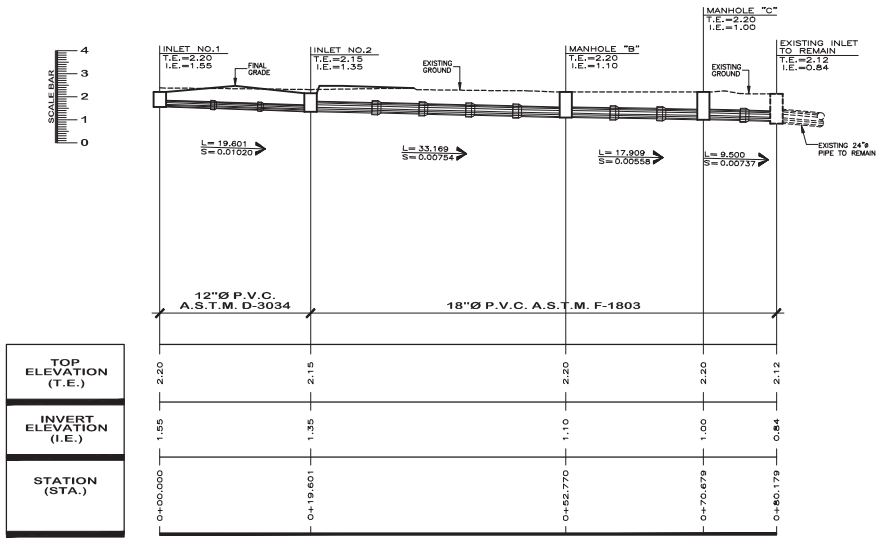
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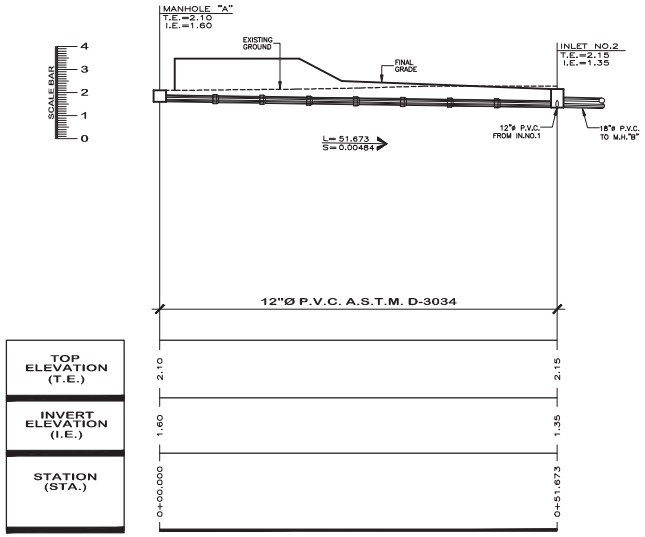
NUMBER	TOTAL
9	83

DRAWING NUMBER
C-2.2



STORM SEWER PROFILE FROM INLET NO.1 TO EXISTING INLET TO REMAIN

SCALE: H: 1:300 V: 1:100



STORM SEWER PROFILE FROM MANHOLE "A" TO INLET NO.2

SCALE: H: 1:300 V: 1:100

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CLIENT

MANAGER
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PROJECT
ESCAMBRON SKATEPARK AND IMPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
STORM SEWER SYSTEM PROFILES

COMPUTER PLOT
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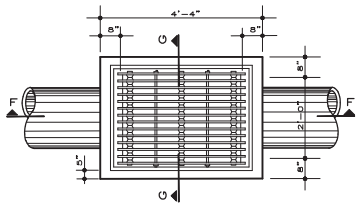
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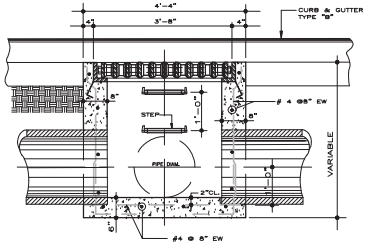
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10	83

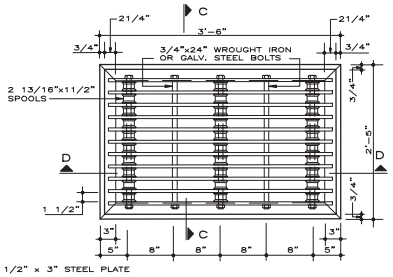
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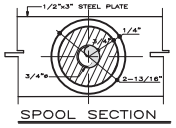
TYP. INLET PLAN AT OPEN AREAS
NTS



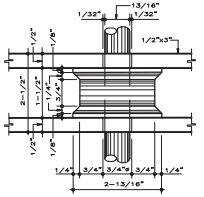
SECTION F–F
NTS



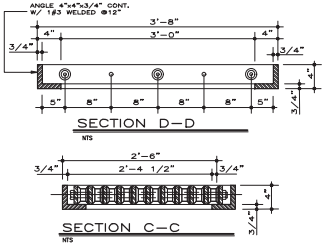
GRATING PLAN



SPOOL SECTION

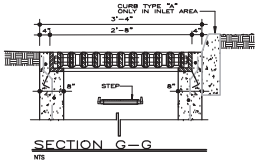


SPOOL DETAIL

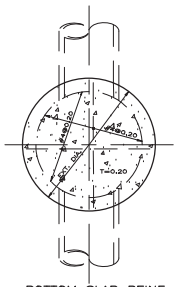


SECTION D–D
NTS

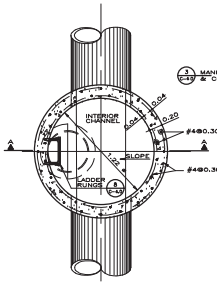
SECTION C–C
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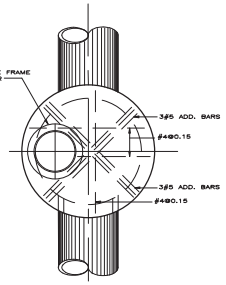
SECTION G–G
NTS



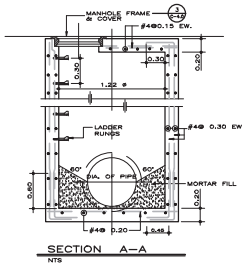
BOTTOM SLAB REINF.
NTS



SECTIONAL PLAN
NTS



TOP SLAB REINF.
NTS



SECTION A–A
NTS

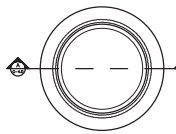
NOTES:
1. THE CONTRACTOR SHALL CONSIDER THE USE OF PRECAST MANHOLE AS AN ALTERNATIVE. IF THIS IS THE OPTION, SHOP DRAWING SHALL BE SUBMITTED TO THE ENGINEER FOR ITS APPROVAL
2. FOR MANHOLES STEPS DETAILS, REFER TO DWG. C–4.0

MANHOLE DIAMETER SCHEDULE

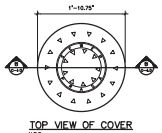
TYPE	MANHOLE DIA. mins	MAX. PIPE DIA. mins
1	1.22	24"
2	1.50	36"
3	1.78	42"
4	2.00	48"
5	2.20	54"
6	2.45	60"
7	2.70	66"
8	2.95	72"

CATCH BASIN FOR 24"ø PIPE DETAILS (1 C–4.0)
NOT TO SCALE

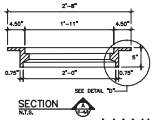
STORM SEWER MANHOLE DETAILS (2 C–4.0)
NOT TO SCALE



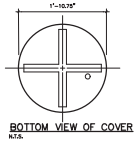
PLAN
N.T.S.



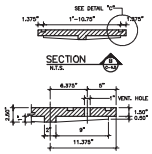
TOP VIEW OF COVER
N.T.S.



SECTION
N.T.S.

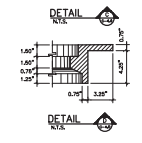


BOTTOM VIEW OF COVER
N.T.S.

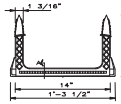


SECTION
N.T.S.

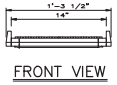
DETAIL
N.T.S.



DETAIL
N.T.S.



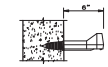
PLAN VIEW



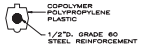
FRONT VIEW



SIDE VIEW



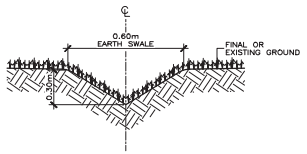
ANCHORAGE DETAIL



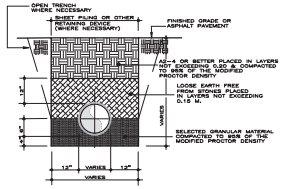
SECTION "A"

MANHOLE FRAME AND COVER DETAILS (3 C–4.0)
N.T.S.

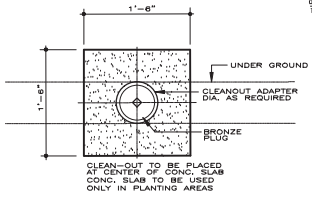
MANHOLE STEP DETAILS (4 C–4.0)
N.T.S.



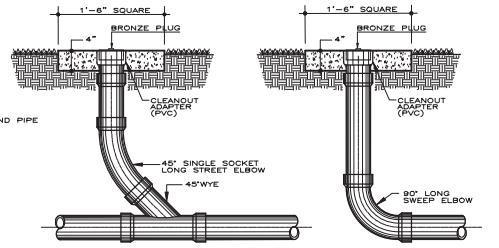
TYPICAL EARTH SWALE DETAIL (5 C–4.0)
N.T.S.



STORM PIPE TRENCH DETAIL (6 C–4.0)
N.T.S.



TOP VIEW



INTERMEDIATE CLEANOUT

END CLEANOUT

CLEANOUT DETAILS (7 C–4.0)
N.T.S.

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E–mail: istruther@hernandezbauza.com

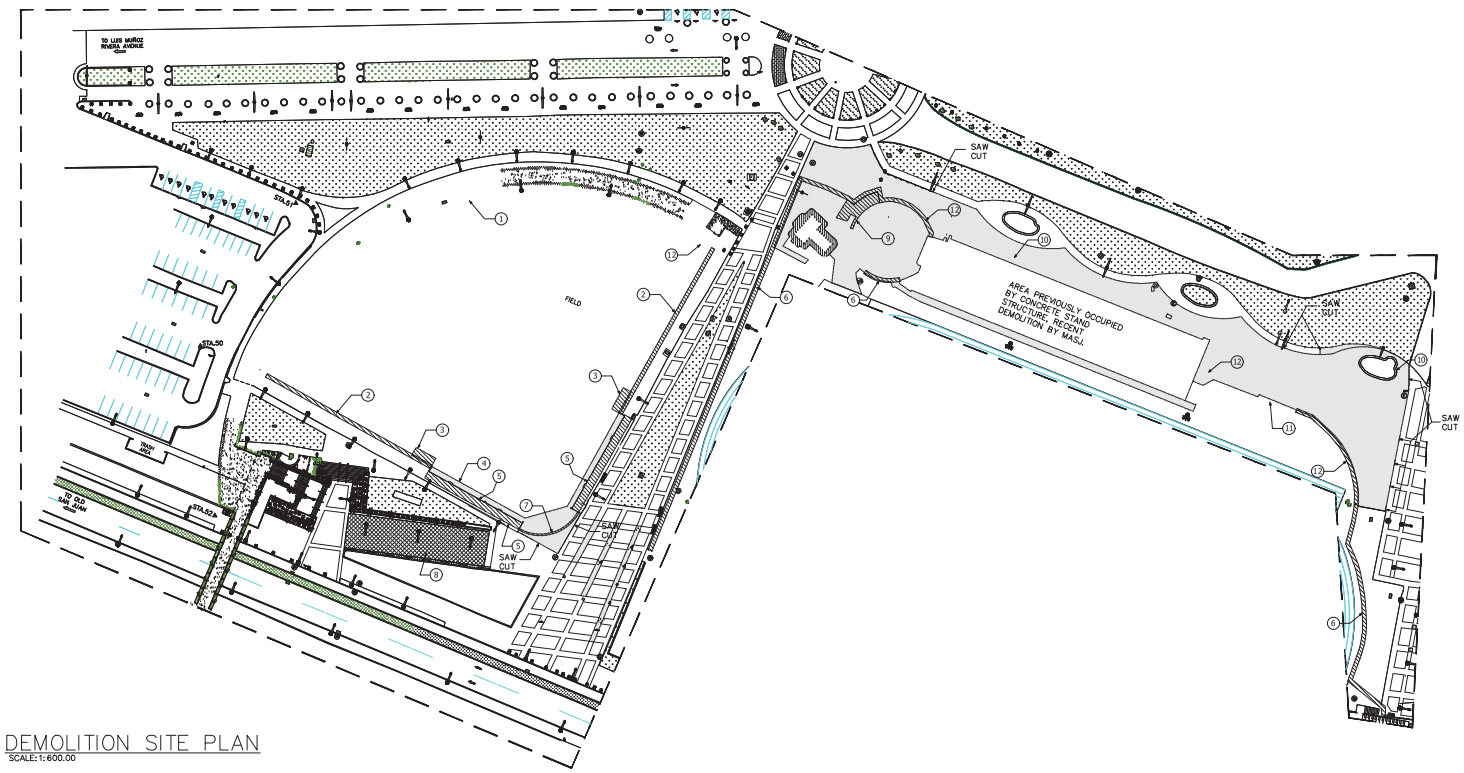
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ARCHITECT LICENSE NO.7390

CONSULTANT'S SEAL

YO, ANGEL GONZALEZ,DEBIDAMENTE JURAMENTADO, INGENIERO O ARQUITECTO LICENCIADO #12361, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ LOS ESTOS PLANOS Y LAS ESPECIFICACIONES Y QUE LOS MISMOS CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO VIGENTE, ASÍ COMO CON LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LA AGENCIA AL JURISDICCIONAL EN LA CUAL SE VAN A CONSTRUIR LAS OBRAS PROPUESTAS EN LOS PLANOS Y ESPECIFICACIONES QUE ACOMPAÑO, ASÍ COMO CON LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LA AGENCIA AL JURISDICCIONAL EN LA CUAL SE VAN A CONSTRUIR LAS OBRAS PROPUESTAS EN LOS PLANOS Y ESPECIFICACIONES QUE ACOMPAÑO, ASÍ COMO CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO VIGENTE



DEMOLITION SITE PLAN

SCALE: 1: 600.00

DEMOLISHED TAG NOTES:



1. BASEBALL FIELD EXITING CYCLONE FENCE

   REMOVE AND PROPERLY DISPOSE CYCLONE FENCE AND CONCRETE FOOTING ON FENCE POLE.



2. RETAINING WALL

   DEMOLISHED EXISTING WALL AND FOOTING AND PROPERLY DISPOSE



3. DUGOUT

   DEMOLISHED EXISTING CONCRETE WALL, FLOOR, ROOF, FOOTING AND BENCH AND PROPERLY DISPOSE

   REMOVE AND PROPERLY DISPOSE EXISTING CYCLONE FENCE WHERE OCCURS



4. BASEBALL FIELD EXISTING CYCLONE FENCE WITH CONCRETE BASE

   REMOVE AND PROPERLY DISPOSE CYCLONE FENCE. CONCRETE BASE AND FOOTING ON FENCE MUST BE DEMOLISHED AND PROPERLY DISPOSED



5. CONCRETE BLEACHERS

   DEMOLISHED CONCRETE BLEACHERS AND PROPERLY DISPOSE



6. CONCRETE WALL

   DEMOLISHED CONCRETE BLOCK WALL AND PROPERLY DISPOSE



7. CONCRETE ARC ENTRANCE

   DEMOLISH CONCRETE ENTRANCE AND PROPERLY DISPOSE



8. CONCRETE PLANTING BASE

   DEMOLISH CONCRETE PLANTING BASE AND PROPERLY DISPOSE



9. CONCRETE STAGE & BENCH

   DEMOLISH CONCRETE STAGE AND BENCH AND PROPERLY DISPOSE



10. CONCRETE SLAB

    DEMOLISH CONCRETE SLAB AROUND LOW WALL AND PROPERLY DISPOSE



11. CYCLONE FENCE & CONCRETE BASE

    REMOVE AND PROPERLY DISPOSE CYCLONE FENCE. CONCRETE BASE AND FOOTING ON FENCE MUST BE DEMOLISHED AND PROPERLY DISPOSED.



12. METAL GATES, CONCRETE AND/OR CYCLONE FENCE GATE

    REMOVE AND PROPERLY DISPOSE METAL GATES.

LEGEND:

- DEMOLISHED EXISTING CONCRETE FLOOR SLAB AND REMOVE EXISTING CONCRETE PAVERS TO PROPERLY DISPOSE.
- EXISTING CONCRETE STRUCTURE TO BE DEMOLISHED
- REMOVE FOR RE-INSTALLMENT THE EXISTING CONCRETE PAVERS ACCORDING TO DETAIL ON DWG AS-3.0

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
DEMOLITION SITE PLAN

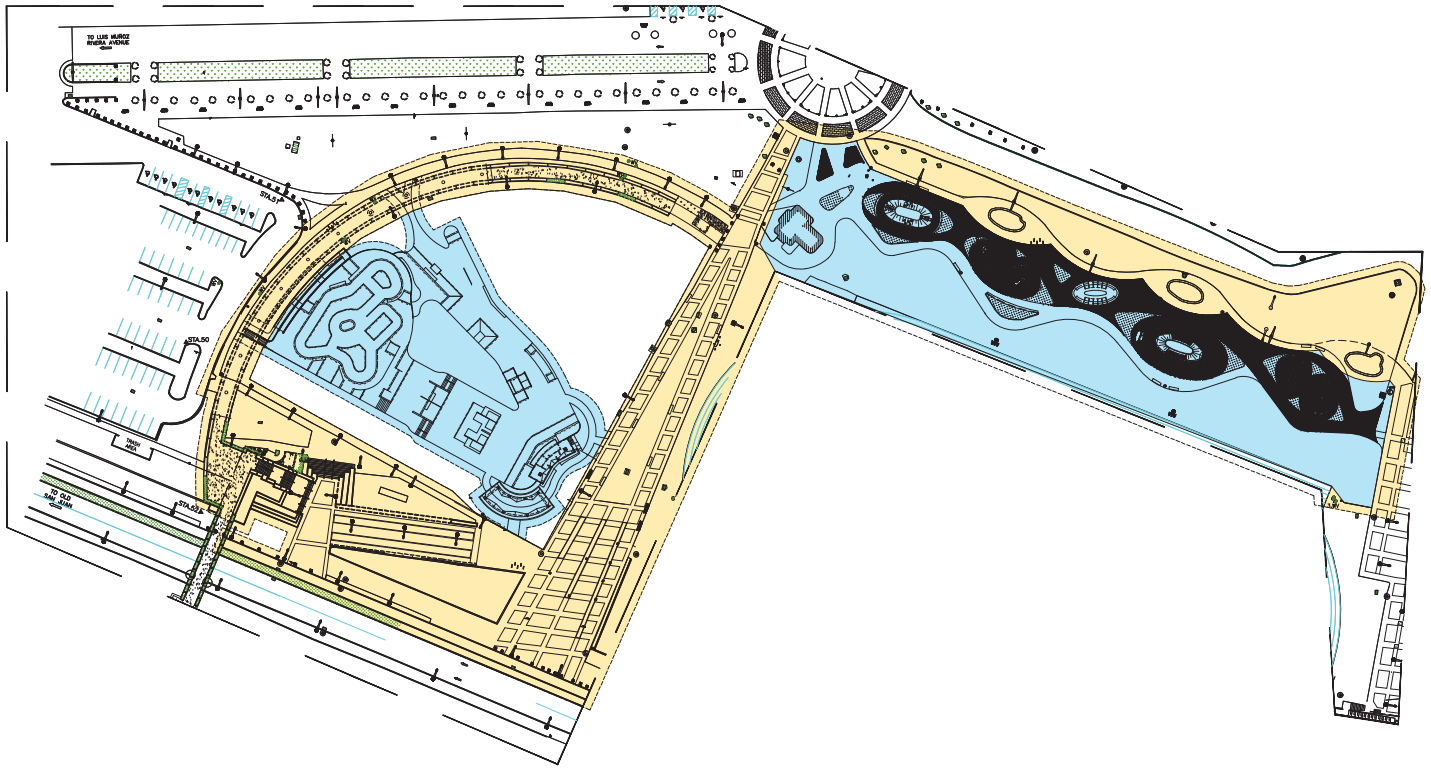
COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED

PROJECT
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DRAWING BY/CHECKED BY
-- E.H.

NUMBER 12 | TOTAL 83

DRAWING NUMBER
DS-1.0



ARCHITECTURAL SITE PLAN
SCALE: 1:600

LEGEND:

EXISTING AREAS TO BE IMPROVED

NEW CONSTRUCTION AREAS

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CLIENT

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ARCHITECTURAL SITE PLAN

COMPUTER PLOT
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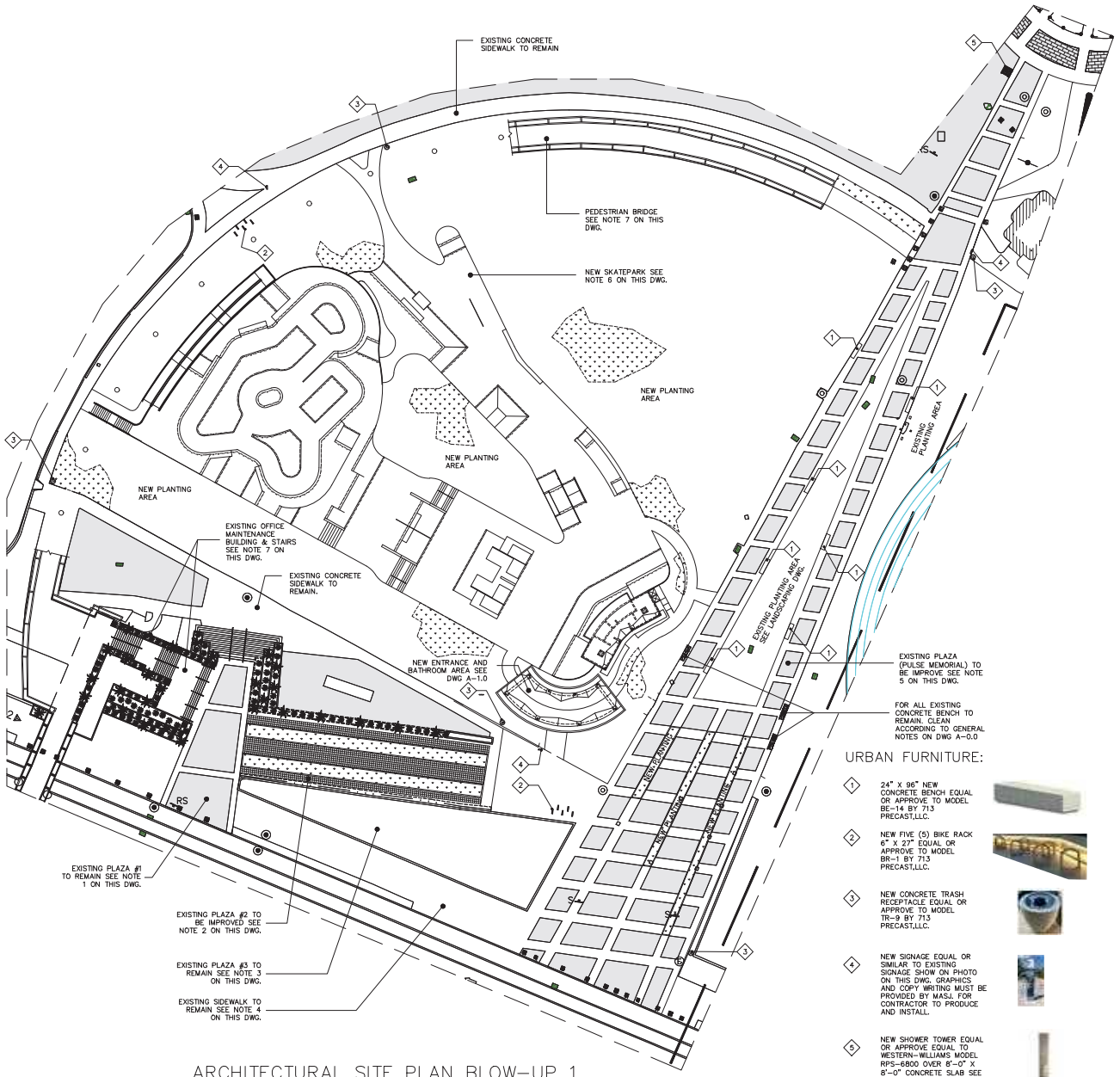
NO.	DATE	REVISION	BY	APPROVED

PROJECT
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DRAWING BY/CHECKED BY
J.D. E.B.

NUMBER 13 | TOTAL 83

DRAWING NUMBER
AS-1.0



ARCHITECTURAL SITE PLAN BLOW-UP 1

SCALE: 1:300

URBAN FURNITURE:

1. 24" X 96" NEW CONCRETE BENCH EQUAL OR APPROVE TO MODEL BE-14 BY 713 PRECAST,LLC.
2. NEW FIVE (5) BIKE RACK 6" X 27" EQUAL OR APPROVE TO MODEL BR-1 BY 713 PRECAST,LLC.
3. NEW CONCRETE TRASH RECEPTACLE EQUAL OR APPROVE TO MODEL TR-9 BY 713 PRECAST,LLC.
4. NEW SIGNAGE EQUAL OR SIMILAR TO EXISTING SIGNAGE SHOW ON PHOTO ON THIS DWG. GRAPHICS AND COPY WRITING MUST BE PROVIDED BY MASJ. FOR CONTRACTOR TO PRODUCE AND INSTALL.
5. NEW SHOWER TOWER EQUAL OR APPROVE EQUAL TO WESTERN-WILLIAMS MODEL RPS-6800 OVER 8'-0" X 8'-0" CONCRETE SLAB SEE DETAIL IN DWG AS-5.3

NOTES:





NOTE #1:

REMOVE AND REPLACE ALL BROKEN PAVERS.

CLEANING:

WATER BLASTING

JOINT SAND:
REPLENISHED WITH DRY SAND, APPLY SEALERS WILL HELP HOLD THE SAND IN THE JOINTS. THESE ARE APPLIED OVER THE ENTIRE PAVER SURFACE AS A LIQUID AND ALLOWED TO SOAK AND CURE IN THE JOINTS.

VEGETATION:
REMOVE (VEGETATION) BY HAND OR WITH HERBICIDES. TAKE CARE IN USING HERBICIDES SO THAT ADJACENT VEGETATED AREAS ARE NOT DAMAGED. USE BIODEGRADABLE PRODUCTS THAT WON'T DAMAGE OTHER VEGETATION OR POLLUTE WATER SUPPLIES WHEN WASHED FROM THE PAVEMENT SURFACE.

NOTE #2:

SEE DWG AS-2.1 FOR BLOW-UP, DETAILS AND NOTES.




NOTE #3:

RESTORED AND CLEANING ACCORDING TO SECTION 049000 "STONE MASONRY RESTORATION & CLEANING" OF TECH. SPECS.



NOTE #4:
Cleaning
WATER BLASTING



NOTE #5:

APPLY NOTE #1

REMOVE EXISTING PAVER TO REINSTALL TO INCREASE PAVER LEVEL TO ACHIEVE CONCRETE CENEFAS ELEVATION

PAINTED PAVERS:
REMOVE AND INSTALL NEW PAVERS EQUAL TO EXISTING PAVERS

PAINTED CENEFAS:
SCARIFY EXISTING CONCRETE CENEFAS AND APPLY BONDING AGENT AND 1/4" CONC. RESURFACE SEE SECTION 03-53-30 OF TECH. SPECS AND DETAILS ON DWG AS-3.0

NOTE #6:
SEE DWG AS-4.0 FOR BLOW-UP, DETAILS AND NOTES.

NOTE #7:
ALL SURFACE (CONCRETE AND /OR METALS) ON EXISTING OFFICE MAINTENANCE BUILDING, STAIRS AND PEDESTRIAN BRIDGE SHALL BE WATER PRESSURE CLEANED, SURFACE PREPARED AND PAINTED.

NOTE #8:
FOR ALL PLANTING AREA (NEW OR EXISTING) SEE LANDSCAPING DWGS.

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ARCHITECT LICENSE NO.7309

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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ARCHITECTURAL SITE PLAN

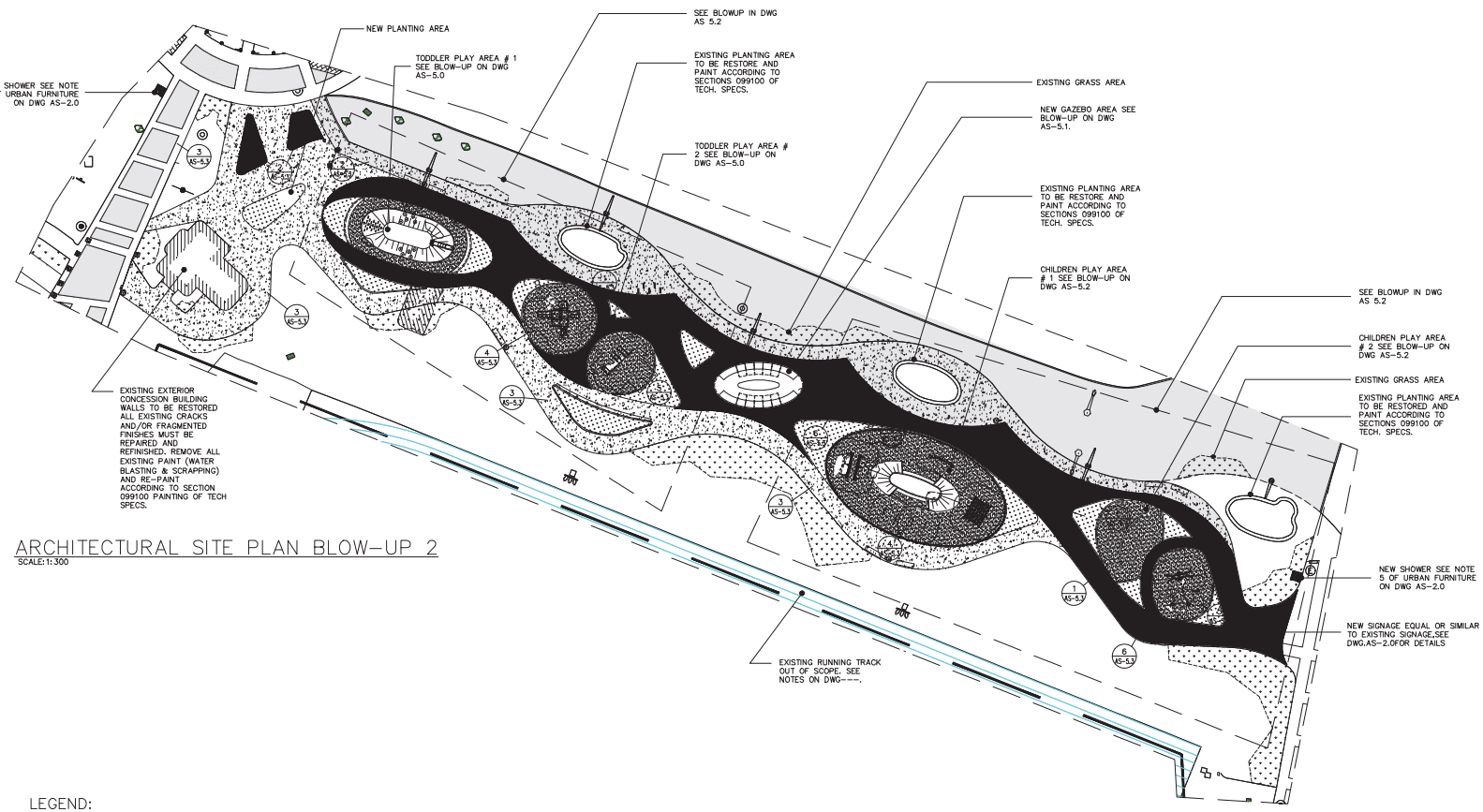
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J.D. E.B.

NUMBER 14 TOTAL 83

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ARCHITECTURAL SITE PLAN BLOW-UP 2

SCALE: 1: 300

LEGEND:

- EXISTING GRASS AREA TO REMAIN.
- NEW GRASS AREA, LANDSCAPING DWG.
- NEW PAVERS AREA, SEE DETAILS 3 ON DWG AS-5.3
- RUBBER POURED IN PLACE SURFACE, SEE DETAILS AND NOTES ON DWG AS-5.3.
- EXISTING PAVER AREA TO REMAIN.
- EXISTING CONCRETE SLAB TO BE REFINISH TO MATCH WITH NEW CONCRETE SLAB
- NEW CONCRETE SLAB SEE STRUCTURAL DWGS.

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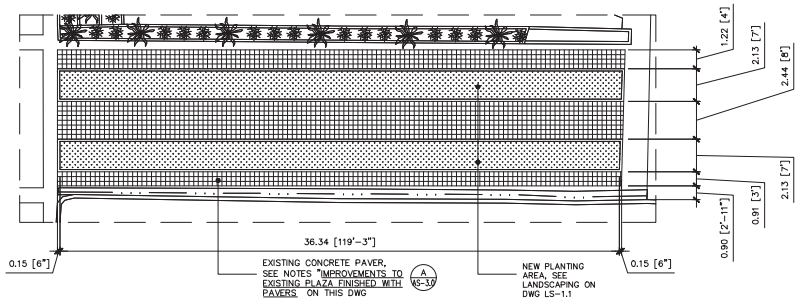
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J.D.	E.B.

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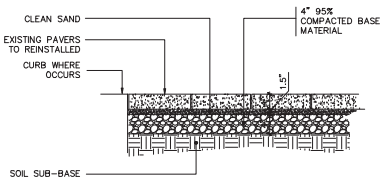


ARCHITECTURAL SITE PLAN BLOW-UP

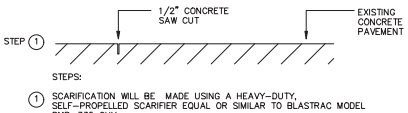
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IMPROVEMENTS TO EXISTING PLAZA FINISHED WITH PAVERS:

1. REMOVE AND SAVE FOR RE-INSTALLATION EXISTING PAVERS AT SELECTED LOCATIONS INDICATED ON DRAWINGS
2. REMOVE AND PROPERLY DISPOSE-OFF EXISTING SUB-BASE MATERIAL TO DEPTH OF 6".
3. AFTER CONSULTATION WITH A LANDSCAPE PROFESSIONAL, SHAVE AND/OR REMOVE TREE ROOTS THAT ARE FOUND TO INTERFERE WITH THE SPACE REQUIRED FOR THE NEW SUB-BASE INSTALLATION. FOR THIS STEP, CONTRACTOR MUST OBTAIN THE SERVICES OF A CERTIFIED ARBORIST TO PERFORM THE WORK.
4. AFTER STEP 3 ELIMINATE ANY DEBRIS OR ROCK AND COMPACT THE GROUND WITH TAMPER AND PROCEED TO PLACE THE 4" SUB-BASE OF THE SELECTED MATERIAL COMPACTED TO 95% COMPACTION TEST RESULTS MUST BE SUBMITTED TO RESIDENT INSPECTOR BEFORE PROCEEDING TO NEXT STEP.
5. AFTER SUB-BASE IS APPROVED AND IN PLACE, DEPOSIT 1.5" OF CLEAN SAND AND LEVEL SURFACE TO RECEIVE PAVERS.
6. INSTALL PAVERS FOLLOWING EXISTING PATTERN. DISCARD BROKEN OR DAMAGED PIECES AND SUBSTITUTE WITH NEW ONES THE SAME SIZE AND COLOR. UNIT-TO-UNIT OFFSET TOLERANCE WILL BE 1/16"FROM FLUSH.
7. FILL JOINTS BETWEEN SET PAVERS WITH CLEAN SAND, POUR WATER TO SEP IN AND ADD MORE SAND UNTIL ALL JOINTS ARE FILLED.
8. A 10' X 10' MOCK-UP WILL BE REQUIRED TO DEMONSTRATE WORKMANSHIP QUALITY OF WORK.

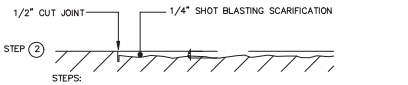


DETAIL
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A AS-3.0



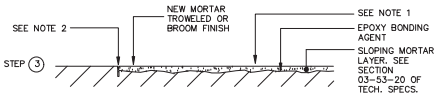
STEPS:

1. SCARIFICATION WILL BE MADE USING A HEAVY-DUTY, SELF-PROPELLED SCARIFIER EQUAL OR SIMILAR TO BLASTRAC MODEL BMP-335 GHY.



STEPS:

2. PRIOR TO PLACING BONDING AGENT, SCARIFIED SURFACE MUST BE CLEANED OF LOOSE PARTICLES AND DUST.



STEPS:

3. APPLY EPOXY BONDING AGENT BONDING AGENT AND MORTAR LAYER REFLECTING AND REPRODUCING ALL CONSTRUCTION JOINTS ON EXISTING SLABS.

STEP BY STEP DETAIL FOR SCARIFICATION OF EXISTING CONCRETE

1 AS-3.0

SCALE: NTS

NOTES:

1- APPLY CONCRETE CURING & SEALING COMPOUND.

2- FILL JOINTS WITH ELASTOMERIC POLYURETHANE SEALANT.

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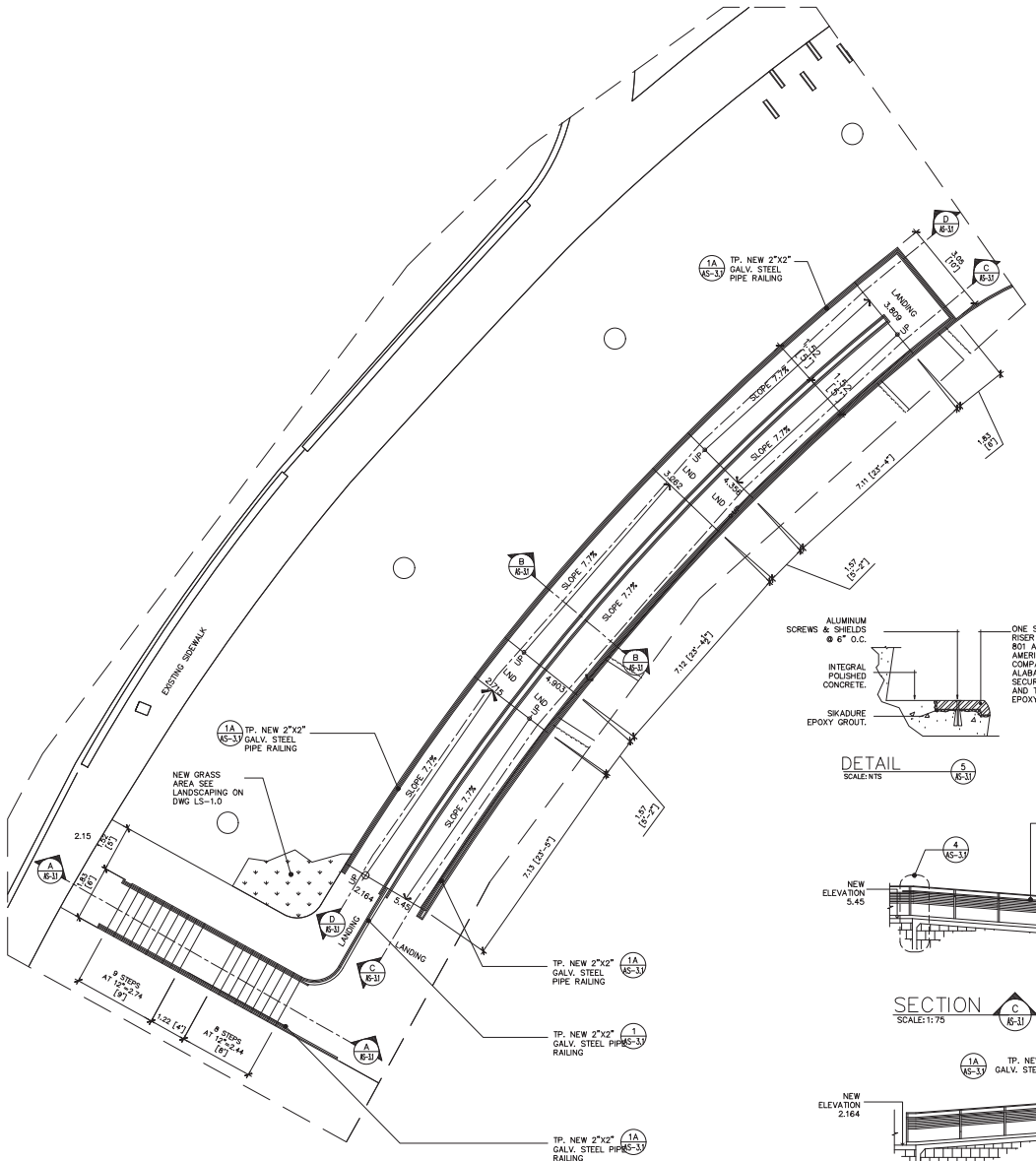
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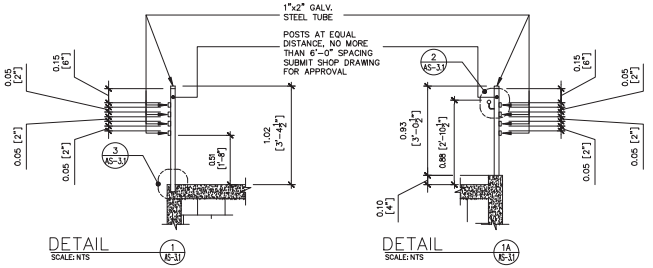
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NUMBER 16
TOTAL 83

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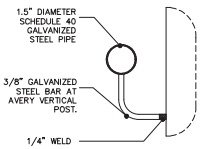


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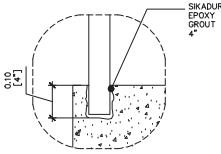


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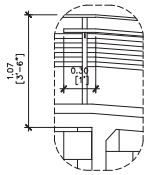
DETAIL 1A AS-3.1 SCALE: NTS



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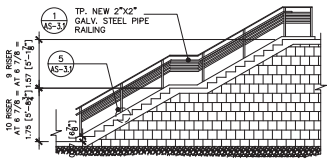


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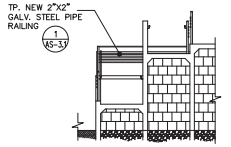


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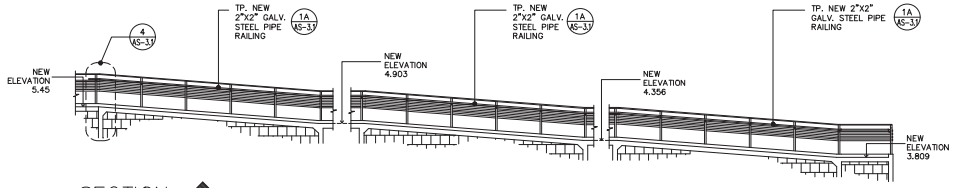
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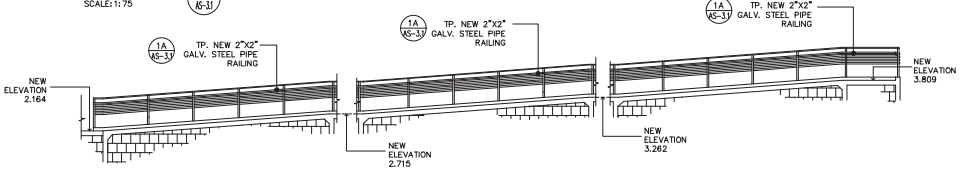
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SECTION B AS-3.1 SCALE: 1: 75



SECTION C AS-3.1 SCALE: 1: 75



SECTION D AS-3.1 SCALE: 1: 75

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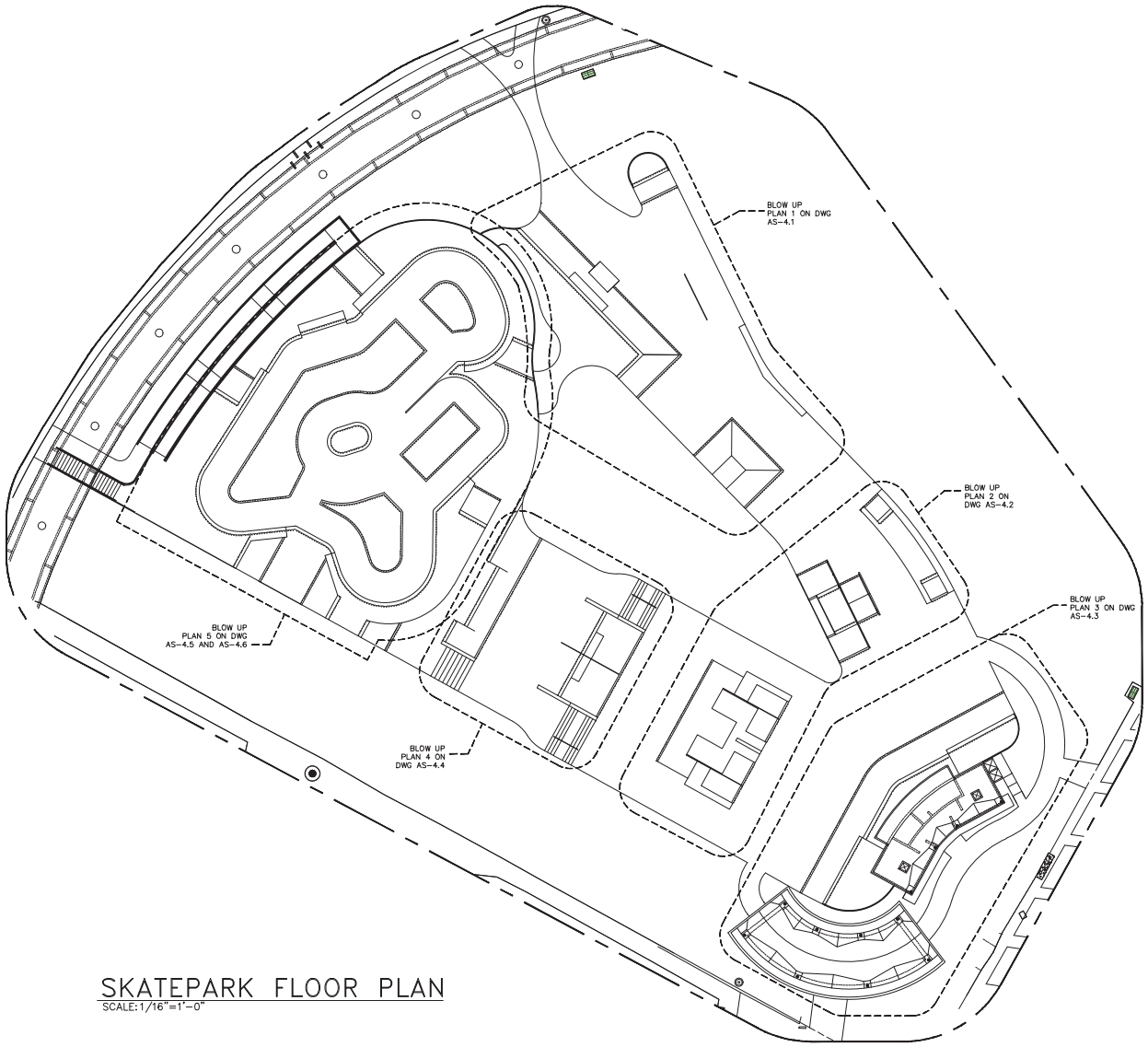
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NUMBER 17 TOTAL 83

DRAWING NUMBER
AS-3.1



SKATEPARK FLOOR PLAN

SCALE: 1/16"=1'-0"

NOTES:

A) CONCRETE FINISHING FOR ALL SKATEPARK SURFACE (SEE SECTION 025210 OF TECH. SPECS)

1. THE FINISHED SURFACE OF ALL CONCRETE SHALL BE HARD TROWELED, SMOOTH FINISH.
2. ALL HORIZONTAL AND VERTICAL EDGES OF CONCRETE SHALL BE HAVE ½" RADII.
3. ALL CONNECTIONS BETWEEN POURS MUST BE ABSOLUTELY FLUSH AND SMOOTH.
4. WETTING OF CONCRETE SURFACE DURING SCREEDING, INITIAL FLOATING, OR FINISHING OPERATION IS PROHIBITED.
5. GRINDING FINISHED CONCRETE TO ACHIEVE THE SPECIFIED FINISHES WILL NOT BE ACCEPTED.

B) SEE SITE GEOMETRY ON DWG C-1

C) SEE ELECTRICAL SITE PLAN ON DWG ES-101.

D) SEE LANDSCAPING ON DWG LS-1.1

E) SEE STRUCTURAL DETAILS ON DWG S-

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK PLAN
ARMAS ELEMENT

COMPUTER PLOT
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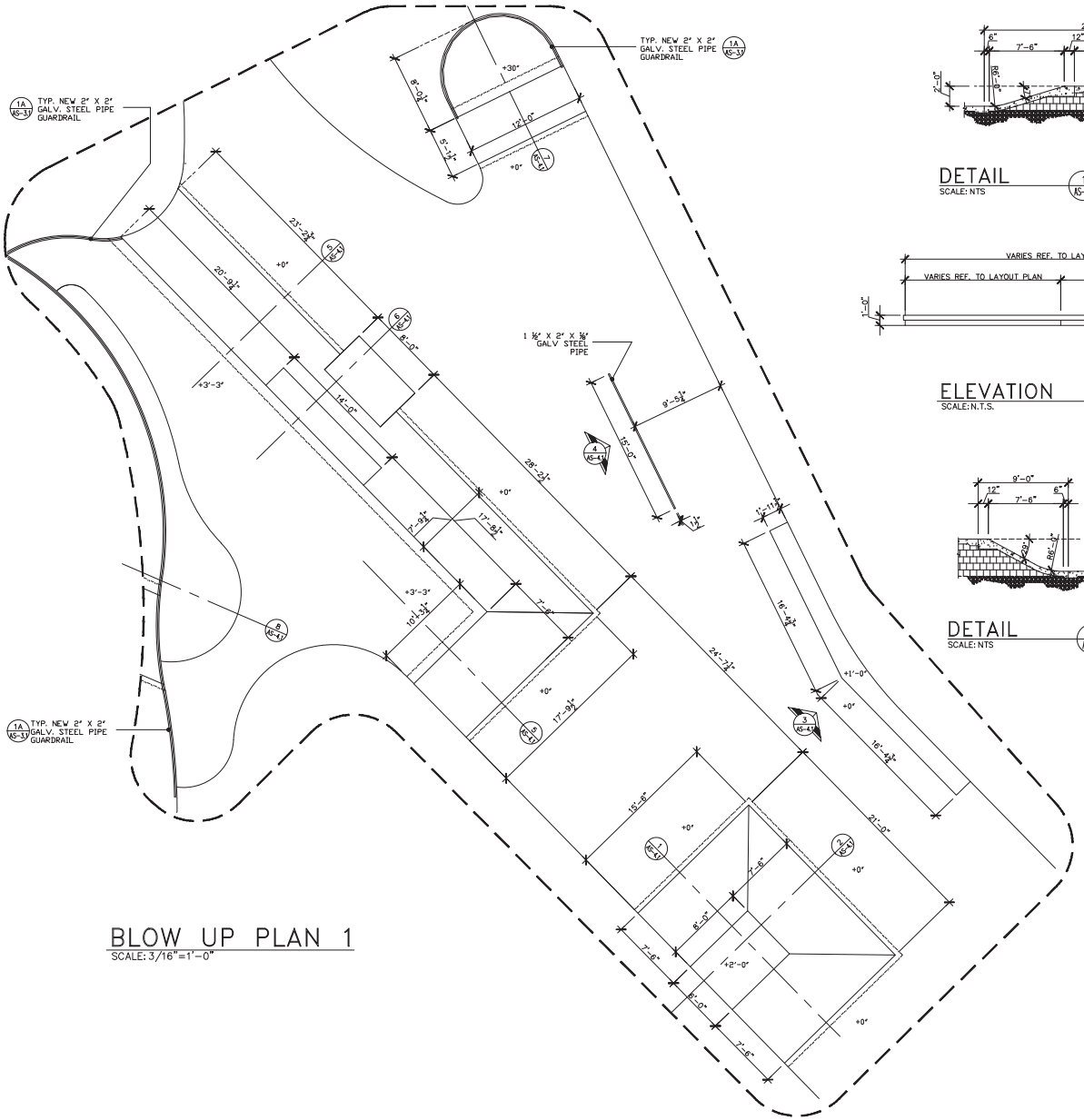
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PROJECT

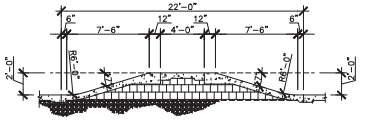
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NUMBER	TOTAL
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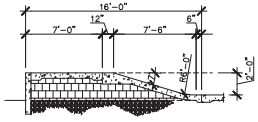
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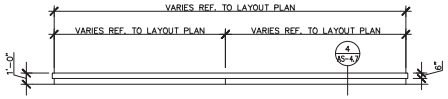
BLOW UP PLAN 1
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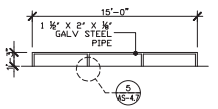
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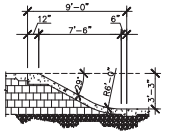
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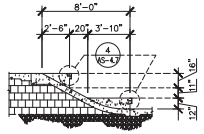
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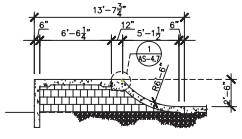
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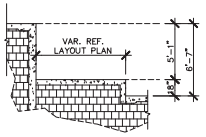
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DETAIL 6
SCALE: NTS



DETAIL 7
SCALE: NTS



DETAIL 8
SCALE: NTS

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PROJECT
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DRAWING NAME
SKATE PARK
BLOW-UP 1

COMPUTER PLOT
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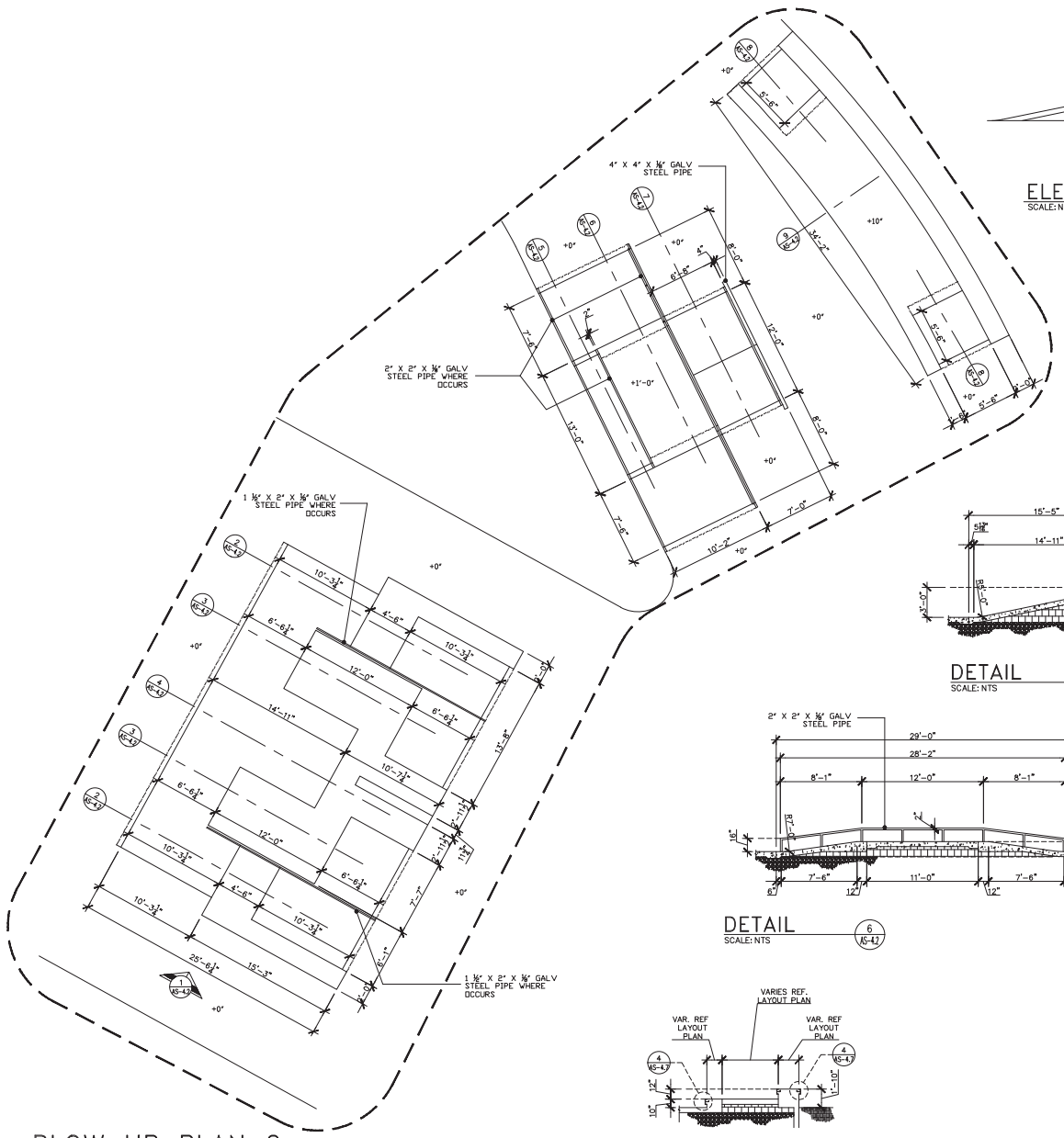
NO.	DATE	REVISION	BY	APPROVED

PROJECT

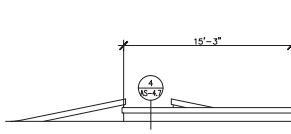
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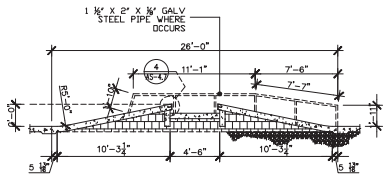
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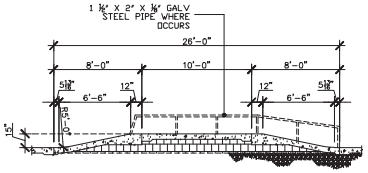
BLOW UP PLAN 2
SCALE: 3/16"=1'-0"



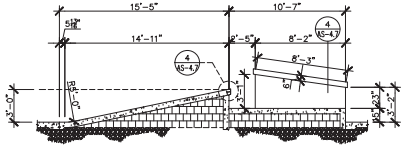
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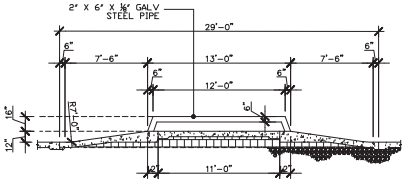
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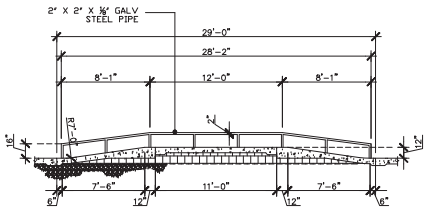
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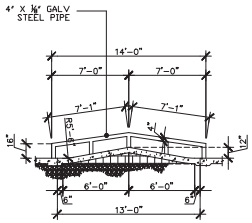
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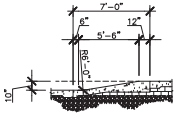
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DRAWING NAME
SKATE PARK
BLOW-UP 2

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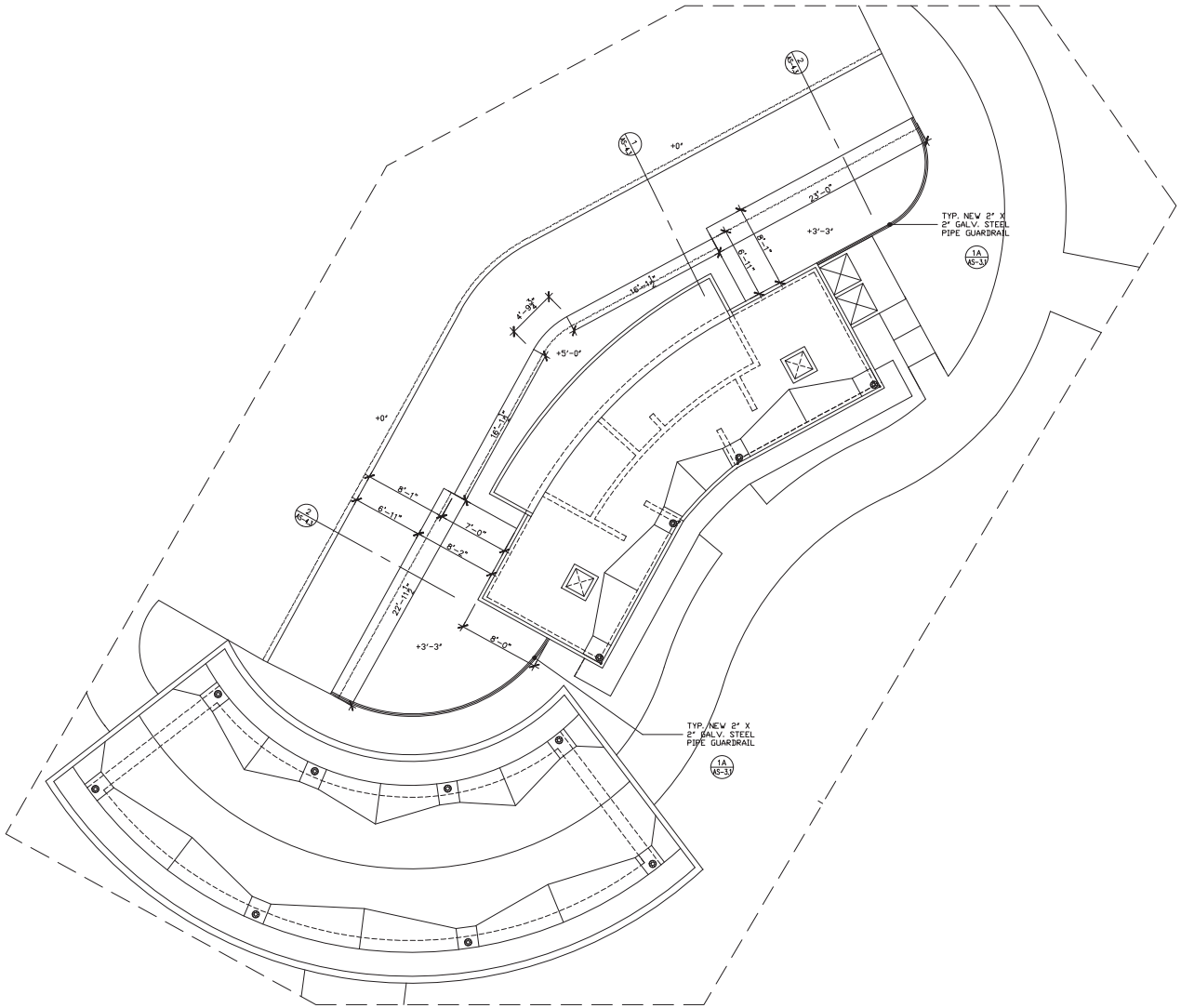
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY	CHECKED BY
jdd	I.H.

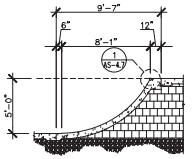
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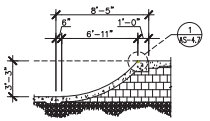
BLOW UP PLAN 3

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DETAIL 1 / AS-4.3

SCALE: NTS



DETAIL 2 / AS-4.3

SCALE: NTS

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DRAWING NAME
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BLOW-UP 3

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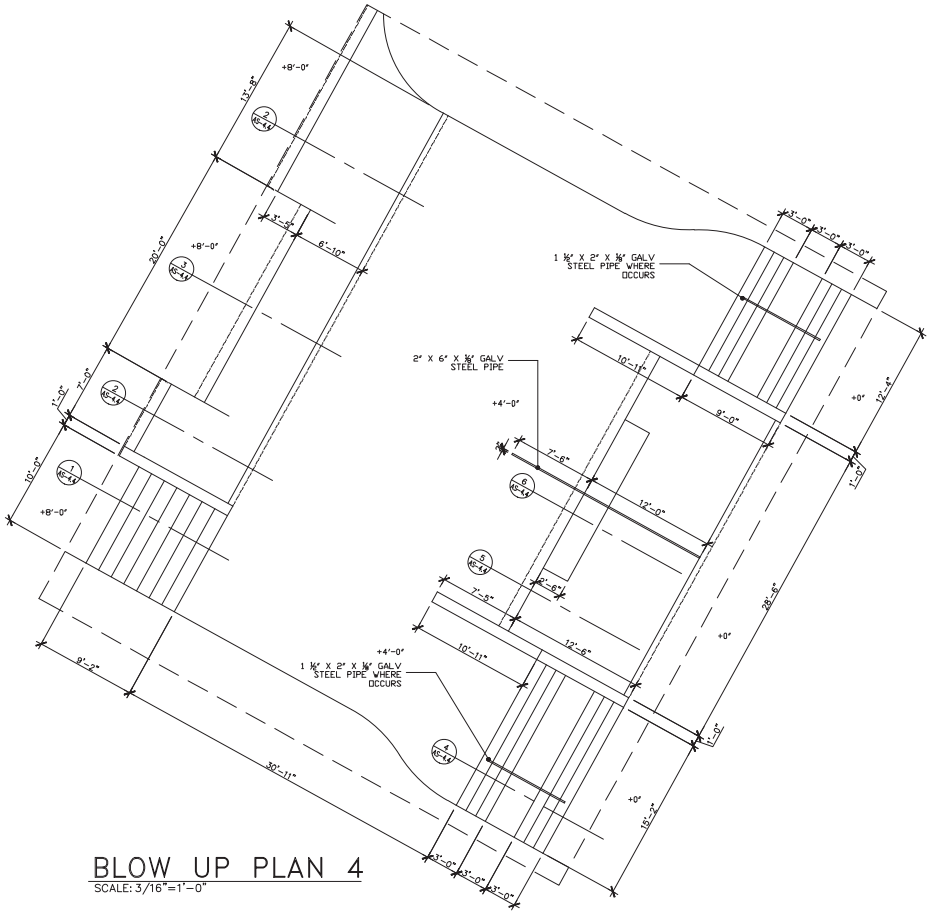
NO.	DATE	REVISION	BY	APPROVED

PROJECT

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jdd I.H.

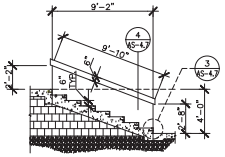
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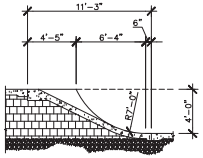


BLOW UP PLAN 4

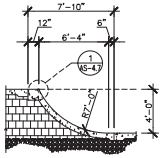
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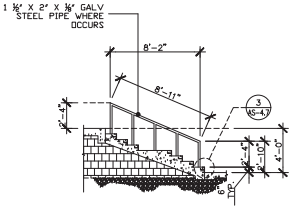
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AS-4.4



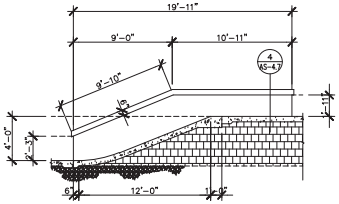
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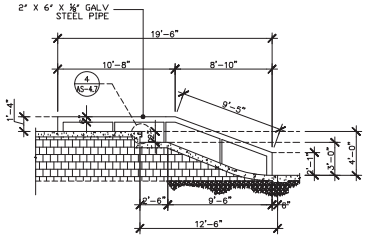
DETAIL
SCALE: NTS
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AS-4.4



DETAIL
SCALE: NTS
4
AS-4.4



DETAIL
SCALE: NTS
5
AS-4.4



DETAIL
SCALE: NTS
6
AS-4.4

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 4

COMPUTER PLOT
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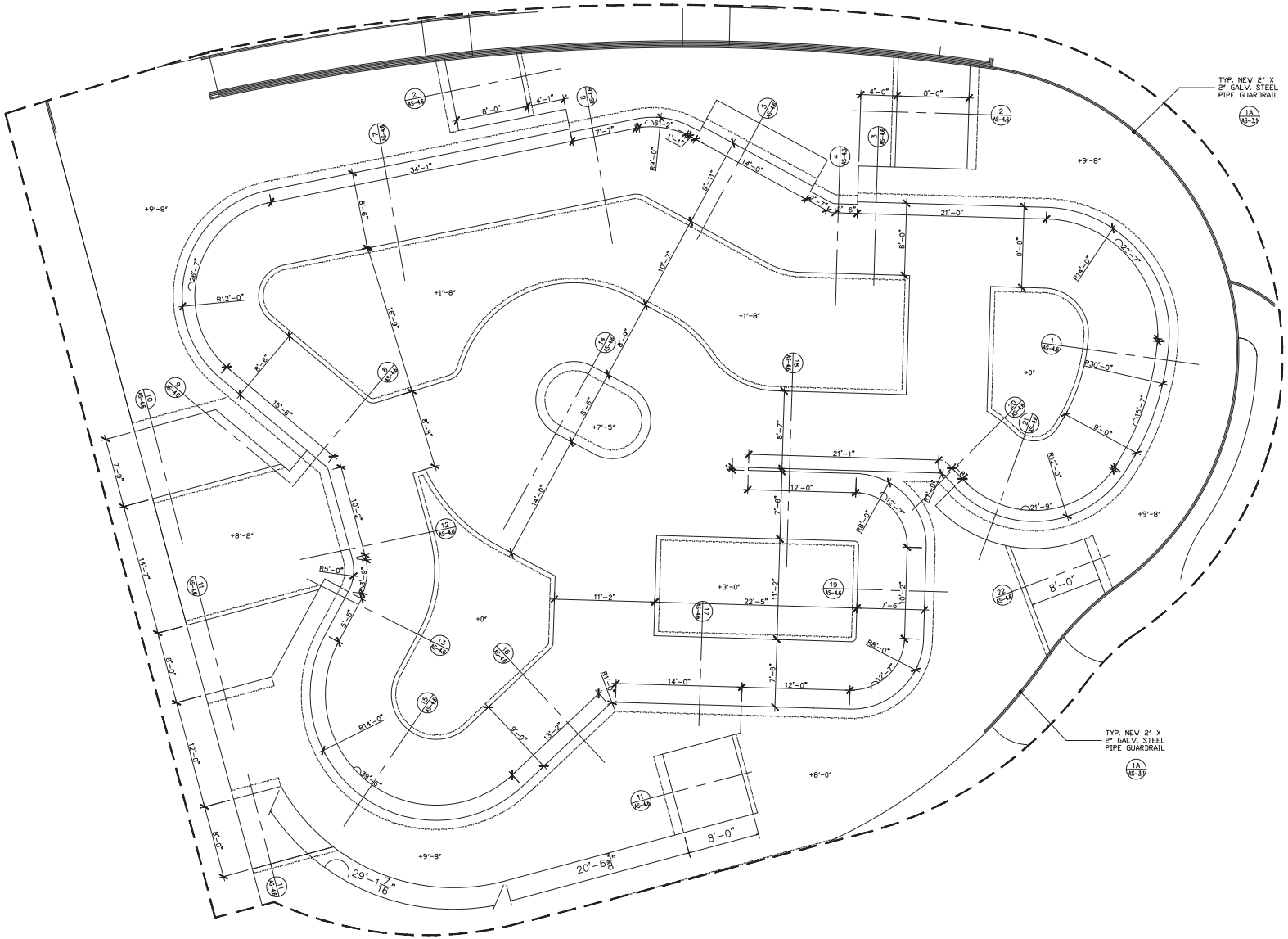
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
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NUMBER	TOTAL
22	83

DRAWING NUMBER
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BLOW UP PLAN 5

SCALE: 3/16"=1'-0"

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 5

COMPUTER PLOT
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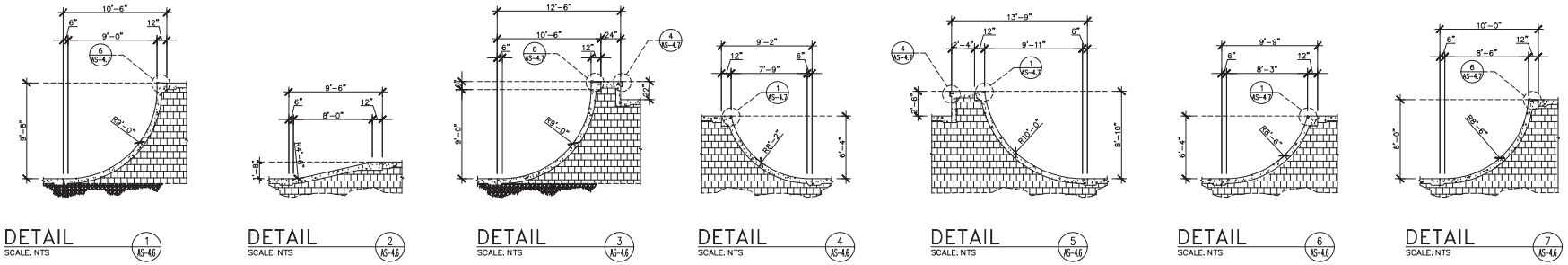
NO.	DATE	REVISION	BY	APPROVED

PROJECT

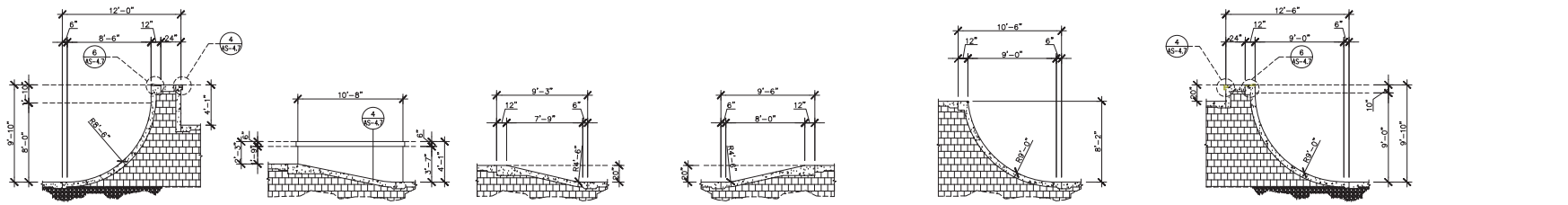
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NUMBER	TOTAL
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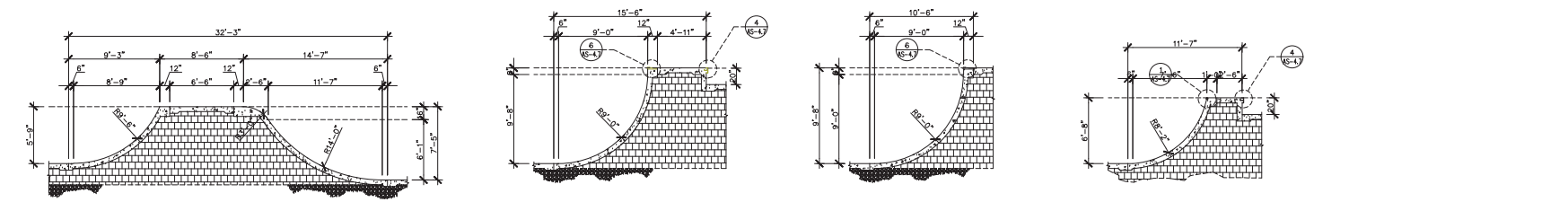
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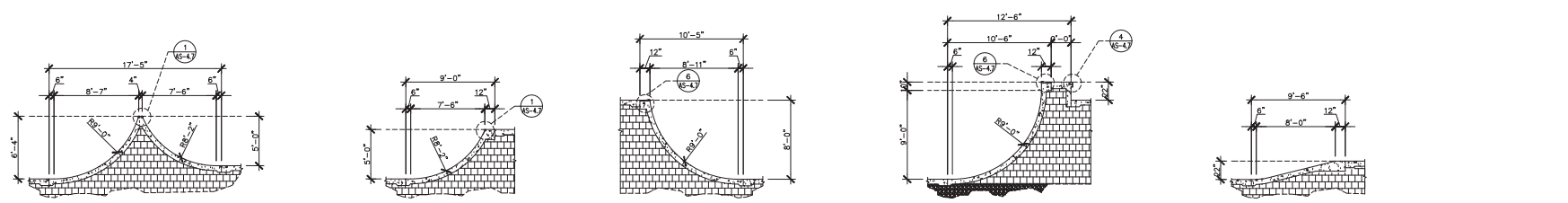
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DETAIL 8 SCALE: NTS (AS-4.6)
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DETAIL 14 SCALE: NTS (AS-4.6)
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DETAIL 18 SCALE: NTS (AS-4.6)

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PROJECT
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DRAWING NAME
SKATE PARK
BLOW-UP 5 SECTION

COMPUTER PLOT
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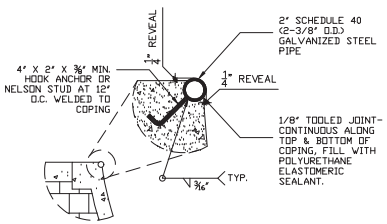
NO.	DATE	REVISION	BY	APPROVED

PROJECT

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NUMBER	TOTAL
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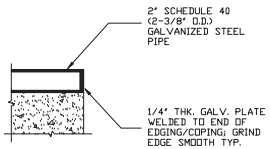
DRAWING NUMBER
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TYP. ROUND COPING DETAIL

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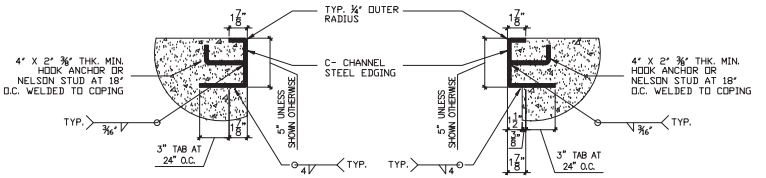


PIPE COPING TERMINATION DETAIL

SCALE: N.T.S.

2 / AS-4.7

NOTE:
WELD & GRIND SMOOTH END CAPS WHERE PIPE ENDS ARE EXPOSED. NO OPEN PIPES, OR CONCRETE FILLED CAPS WILL BE ACCEPTED.



FLUSH C-CHANNEL EDGING DETAIL

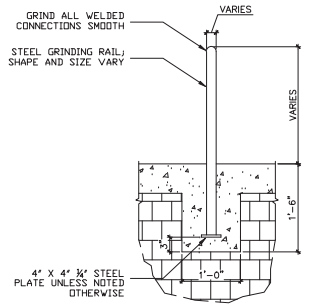
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3 / AS-4.7

CANTILEVER C-CHA EDGING DETAIL

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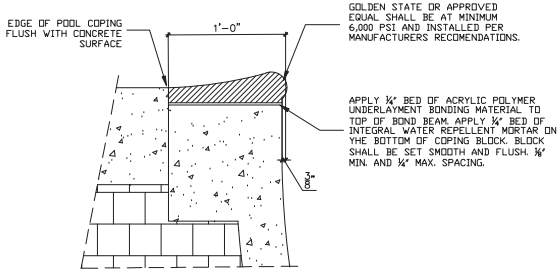
4 / AS-4.7



SKATERAIL/HUBBA FOOTING DETAIL

SCALE: N.T.S.

5 / AS-4.7



POOL COPING DETAIL

SCALE: N.T.S.

6 / AS-4.7

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PROJECT
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DRAWING NAME
SKATE PARK DETAILS

COMPUTER PLOT
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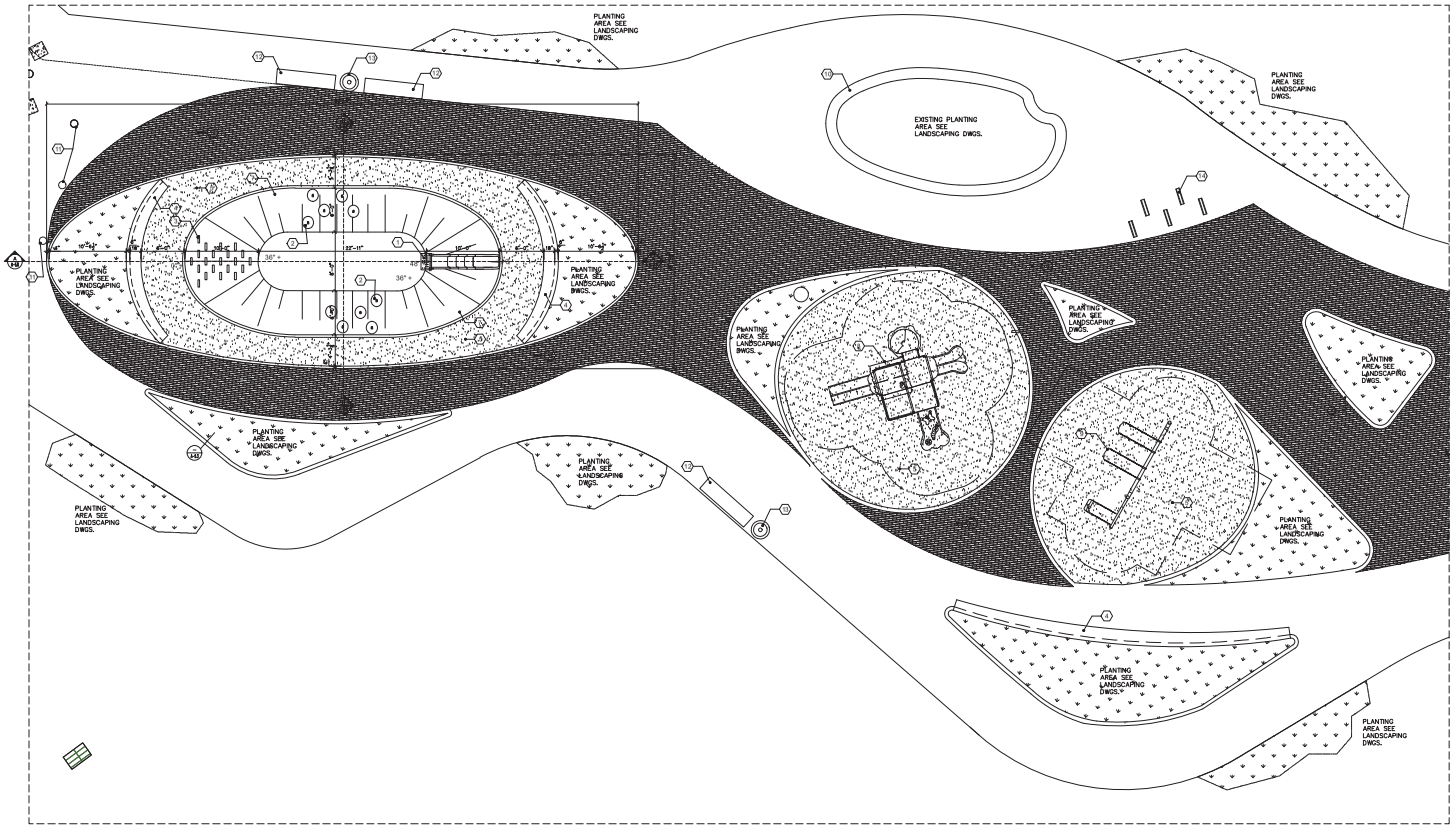
NO.	DATE	REVISION	BY	APPROVED

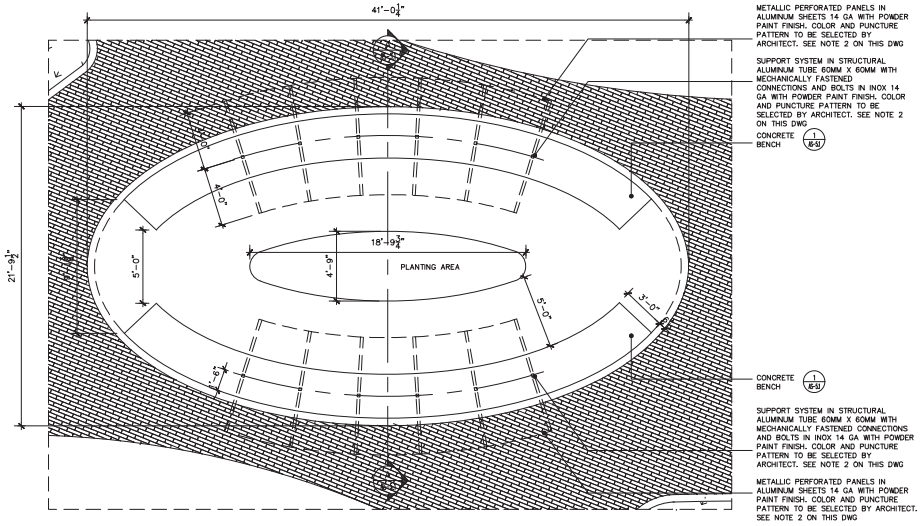
PROJECT

DRAWING BY/CHECKED BY
jdd I.H.

NUMBER	TOTAL
25	83

DRAWING NUMBER
AS-4.7


PLANTING AREA SEE LANDSCAPING DWGS.
EXISTING PLANTING AREA SEE LANDSCAPING DWGS.
PLANTING AREA SEE LANDSCAPING DWGS.
PLANTING AREA SEE LANDSCAPING DWGS.



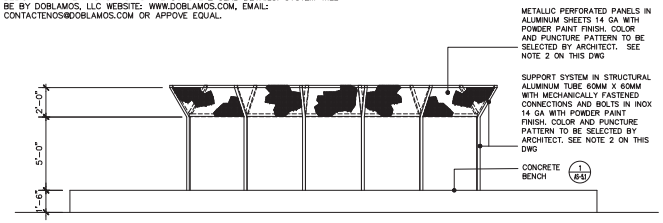
GAZEBOS FLOOR PLAN

1/AS-5.1

SCALE: 1/4"=1'-0"

NOTES:

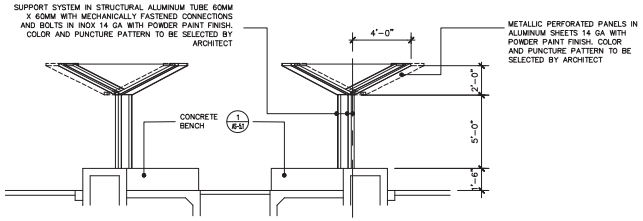
1. SEE LANDSCAPING DWGS.
2. THE PROPOSED SYSTEM WILL BE INCLUDE THE PANEL AND SUPPORT SYSTEM DESIGN WITH THE ANCHORING TO THE CONCRETE SLAB DETAILS. SYSTEM WILL BE BY DOBLAMOS, LLC WEBSITE: WWW.DOBLAMOS.COM, EMAIL: CONTACTENOS@DOBLAMOS.COM OR APPOVE EQUAL.



ELEVATION

1/AS-5.1

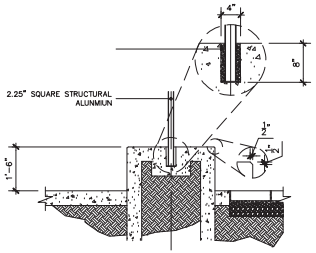
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SECTION

A/AS-5.1

SCALE: 1/4"=1'-0"



DETAIL

1/AS-5.1

SCALE: NTS

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GAZEBOS FLOOR PLAN

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY SKETCHES PLEASE CONTACT HERNANDEZ-BAUZA

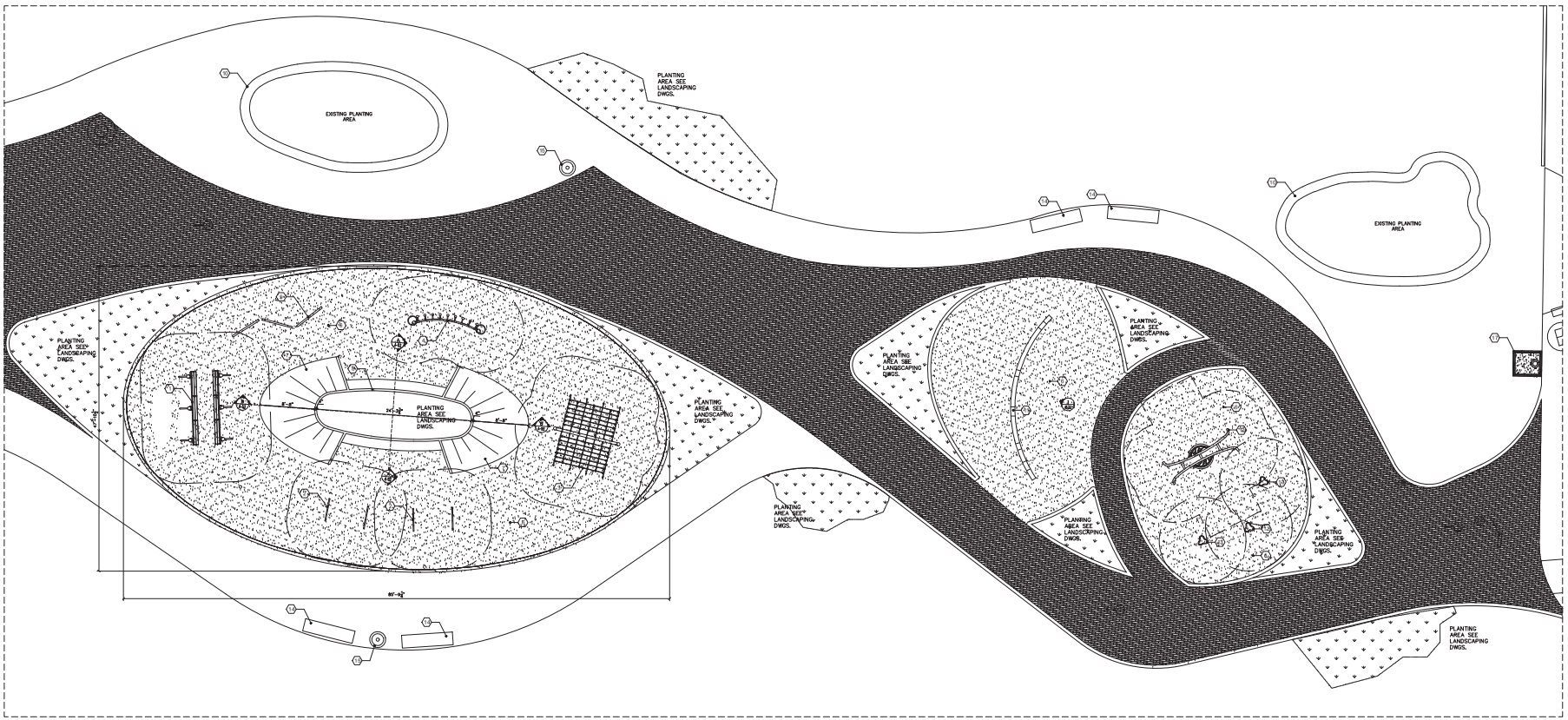
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
27	83

DRAWING NUMBER
AS-5.1



KEY NOTE:

1. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME SPIDERWALK MODEL #244200 BY LANDSCAPE STRUCTURES

2. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME OVER UNDER BARS MODEL #244198 BY LANDSCAPE STRUCTURES

3. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME A-FRAME CARGO NET MODEL #244191 BY LANDSCAPE STRUCTURES

4. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME PEG BRIDGE MODEL #244195 BY LANDSCAPE STRUCTURES

5. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO FITCORE EXTREME BALANCE BEAM MODEL #244196 BY LANDSCAPE STRUCTURES

6. PLAY-SURFACE SEE DETAILS ON DWG AS-5.3

7. PLANTED SLOPE SEE LANSCAPING DWG FOR NOTES

8. NEW CONCRETE PLANTER SEE DETAIL ON DWG AS-5.3

9. NEW 3"X 19" X 3 1/8" CONCRETE PAVER SEE DETAILS ON DWG AS-5.3

10. ALL CONCRETE SURFACE ON EXISTING PLANTER SHALL BE WATER PRESSURE CLEANED, SURFACE PREPARED AND PAINTED.

11. NEW CONCRETE WALL SEE DETAILS ON DWG AS-5.3

12. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO ODDLE SWING HDG MODEL #228069 BY LANDSCAPE STRUCTURES

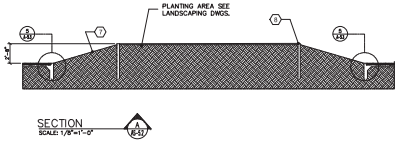
13. 
NEW PLAY-AREA EQUAL OR APPROVE EQUAL TO SADDLE SPINNER MODEL #152179 BY LANDSCAPE STRUCTURES

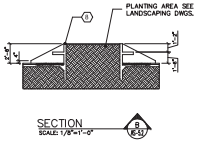
14. NEW CONCRETE BENCH SEE NOTE 1 OF URBAN FURNITURE ON DWG AS-2.0

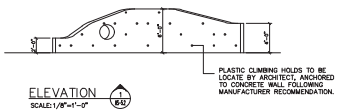
15. NEW CONCRETE TRACH RECEPTACLE SEE NOTE 3 OF URBAN FURNITURE ON DWG AS-2.0

16. NEW SIGNAGE SEE NOTE 4 OF URBAN FURNITURE ON DWG AS-2.0

17. NEW SHOWER SEE NOTE 5 OF URBAN FURNITURE ON DWG AS-2.0







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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLAYGROUNDS BLOW-UPS

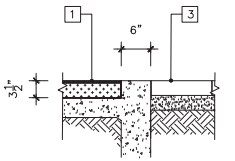
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NO.	DATE	REVISION	BY	APPROVED

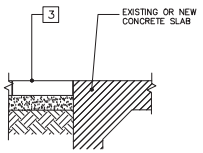
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DRAWING BY/CHECKED BY
-- E.B.

NUMBER	TOTAL
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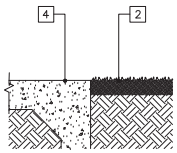
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AS-5.2



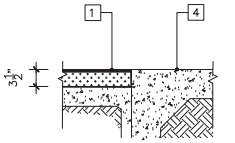
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AS-5.3



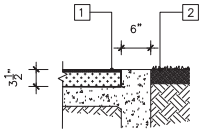
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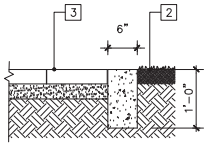
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AS-5.3



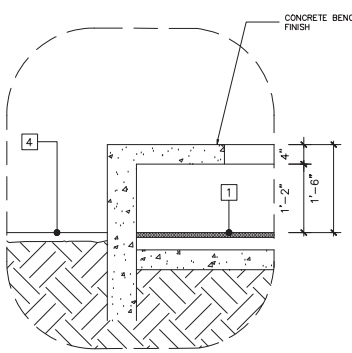
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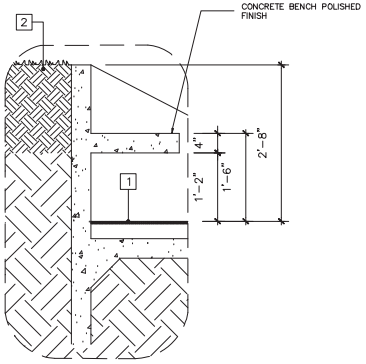
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AS-5.3



DETAIL
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AS-5.3



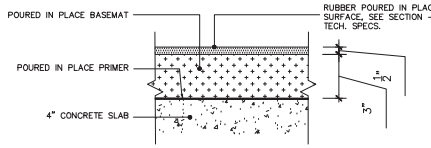
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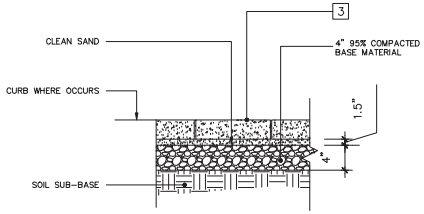
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NOTES/LEGEND

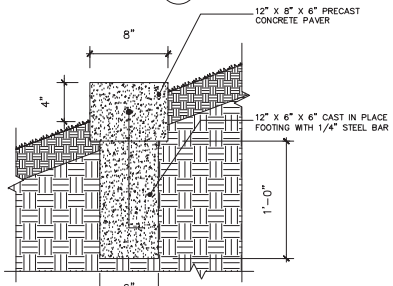
1. RUBBER POURED IN PLACE SURFACE, SEE SECTION –– OF TECH. SPECS AND DETAIL A ON THIS DWG.
2. 3" TOP SOIL SEE LANDSCAPE DWG. FOR NOTES
3. NEW CONCRETE PAVERS EQUAL OR APPROVE EQUAL TO CONCRETE "TABLONCILLO" PAVERS 3"X19"X3½" BY CARMELO,COLOR TO BE SELECTED BY ARCHITECT. SEE SECTION –– OF TECH. SPECS AND DETAIL B ON THIS DWG.
4. CONCRETE SLAB FINISH – TROWELED CONCRETE



DETAIL
SCALE: NTS
A
AS-5.3



DETAIL
SCALE: NTS
B
AS-5.3



DETAIL
SCALE: NTS
C
AS-5.3

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLAYGROUNDS AREA DETAILS

COMPUTER PLOT
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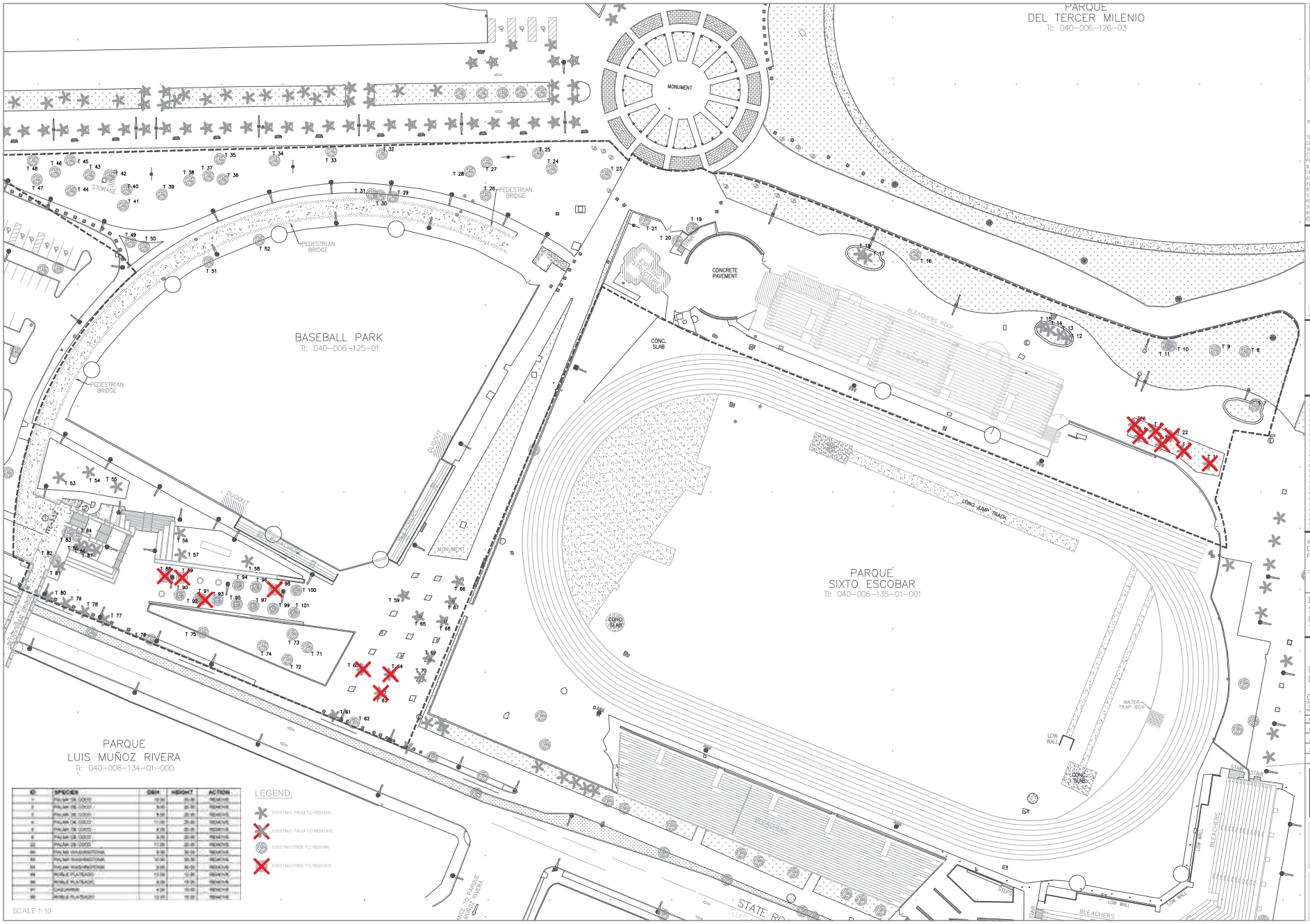
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
29	83

DRAWING NUMBER
AS–5.3



ID	SPECIES	DBH	HEIGHT	ACTION
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2	PALMA DE COCO	9.00	25.00	REMOVE
3	PALMA DE COCO	9.50	25.00	REMOVE
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5	PALMA DE COCO	8.00	25.00	REMOVE
6	PALMA DE COCO	9.00	25.00	REMOVE
7	PALMA DE COCO	10.00	25.00	REMOVE
8	PALMA WASHINGTONIA	9.00	30.00	REMOVE
9	PALMA WASHINGTONIA	10.00	30.00	REMOVE
10	PALMA WASHINGTONIA	9.00	30.00	REMOVE
11	PALMA REAL	10.00	30.00	REMOVE
12	PALMA REAL	8.00	15.00	REMOVE
13	CAUCHERA	4.00	10.00	REMOVE
14	PALMA REAL	10.00	15.00	REMOVE

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
LANDSCAPE DEMOLITION

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES MADE TO THIS DRAWING AFTER PLOTTING MUST BE MADE ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

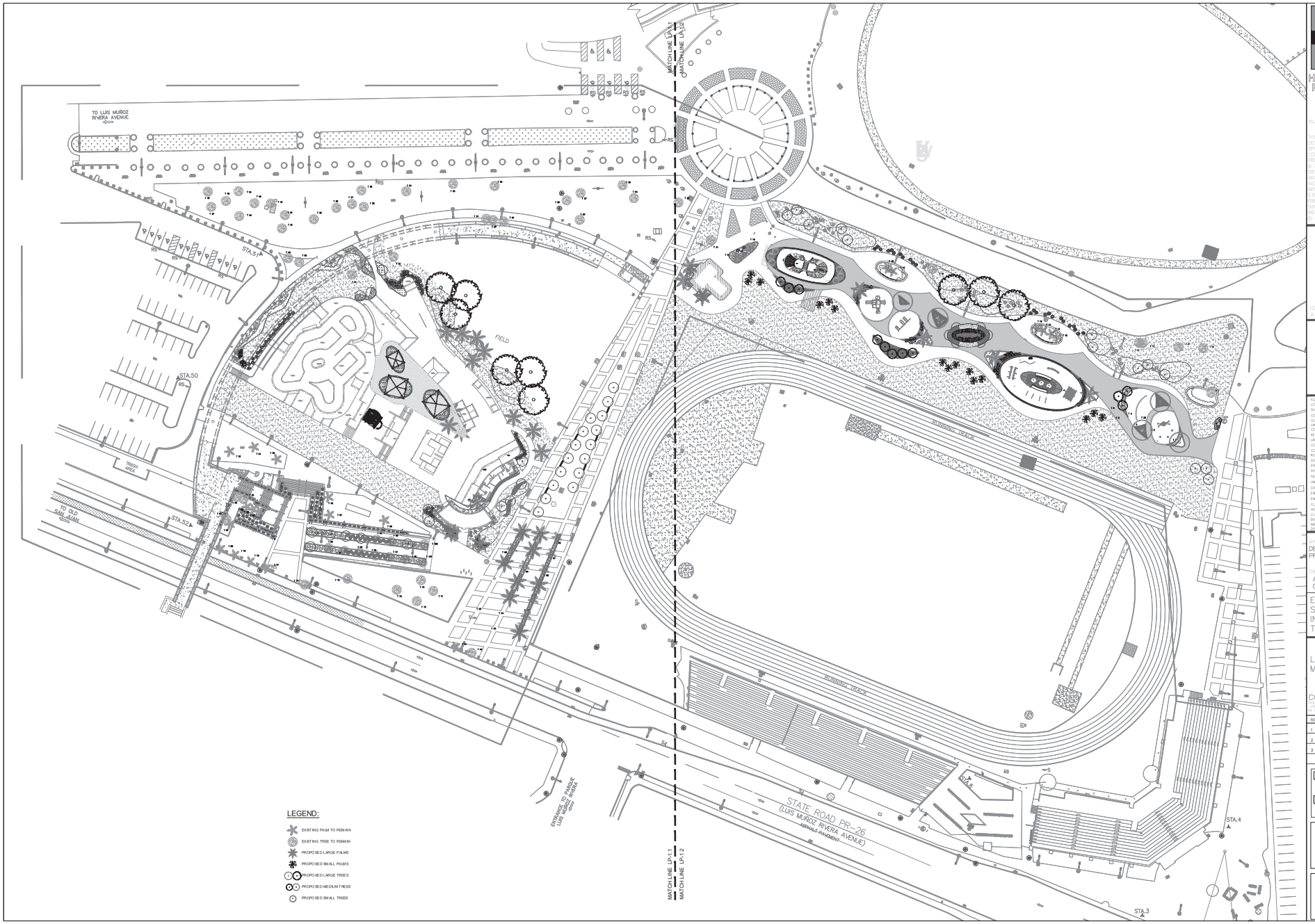
NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FMR	
2	5/12/23	60% DD	FMR	
3	10/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
30	83

DRAWING NUMBER
LD-1.0



HERNANDEZ-BAUZA PSC, ARCHITECTS
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ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO. 7288

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OWNER'S MANAGER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT:
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME:
LANDSCAPE MASTER PLAN

COMPUTER PLOT

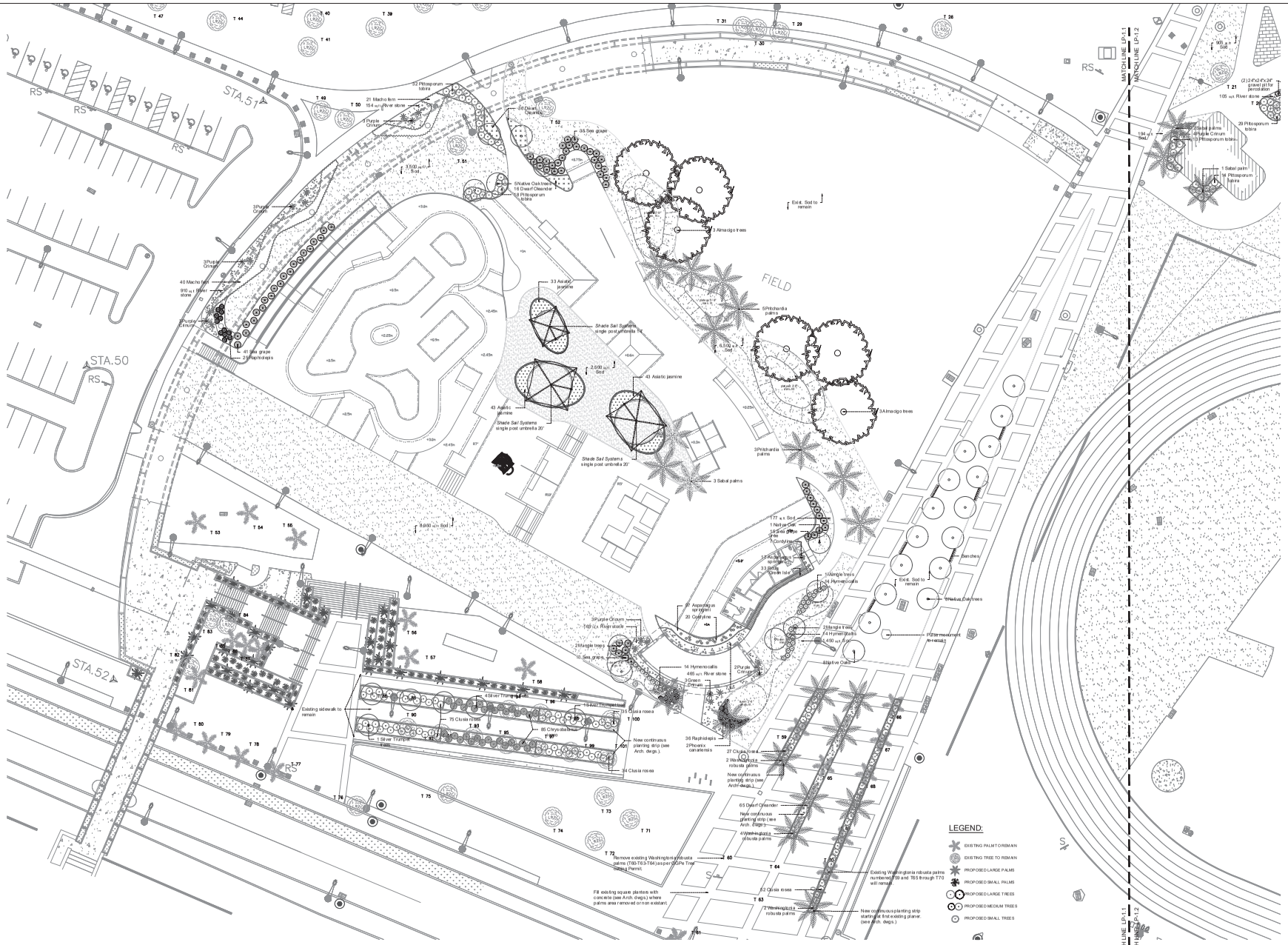
NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FWR	
2	11/12/23	90% DD	FWR	
3	12/26/23	90% DD	FWR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER 31 | TOTAL 83

DRAWING NUMBER
LP-1.0



B
LP-1.1
Landscape Design - Skate park
scale 1"=20'

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ARCHITECT'S SEAL

ISRA HERNANDEZ DE BAUZA
ARCHITECT
LICENSE NO. 17369

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CLIENT

MANAGER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
LANDSCAPE PLAN BLOW UP

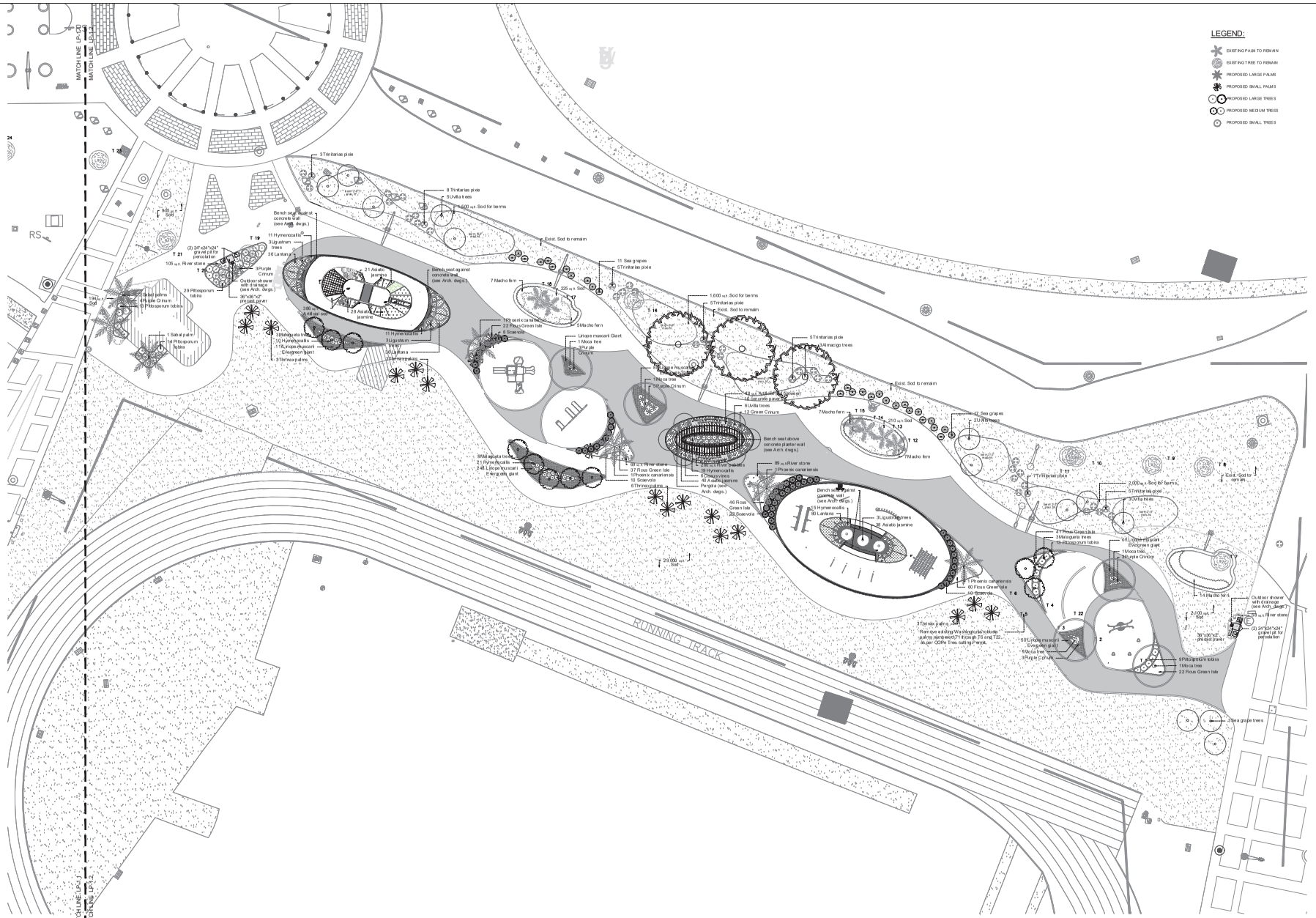
COMPUTER PLOT
ANY CHANGES TO THIS PLOT THAT CAUSE ALL DRAWINGS OR CORRECTIONS MUST BE STRICTLY EXECUTED BY HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FMR	
2	11/12/23	90% DD	FMR	
3	12/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK
DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
32	83

DRAWING NUMBER
LP-1.1



C / LP-1.2 Landscape Design - Children's park
scale 1"=20'

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TEL. (787) 791-7247 / 791-3162 FAX. (787) 764-0666
E-mail: lehcher@hernandez-bauza.com
lehcher@hernandez-bauza.com

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ARCHITECT'S SEAL

ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO. 7398

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OWNER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT:
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME:
LANDSCAPE PLAN BLOW UP

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
1	10/27/22	SCHEMATIC DWGS	FMR	
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PROJECT
ESCAMBRON SKATE PARK
DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER 33 | TOTAL 83

DRAWING NUMBER
LP-1.2

LARGE TREES


Almacigo tree


Moca tree

MEDIUM TREES


Malagueta tree


Mangle tree


Native Oak tree


Sea grape tree


Silver Trumpet tree


Uvilla tree

SMALL TREES


Ligustrum tree

LARGE PALMS


Phoenix canariensis


Pritchardia pacifica


Sabal causiarum


Washingtonia robusta

MEDIUM / SMALL PALMS


Leucothrinax morrisii

MEDIUM / SMALL SHRUBS


Asiatic Jasmine


Asparragus springerii


Chrysobalanus icaco


Cissus vine


Clusia rosea


Coccoloba uvifera


Crinum (green)


Crinum (purple)


Dwarf Oleander


Ficus Green Isle


Hymenocallis


Lantana


Liriope muscarii "Evergreen Giant"


Macho fern


Pittosporum


Raphiolepis indica


Scaevola


Trinitaria 'Pixie'

= Native to PR

HERNANDEZ-BAUZA PSC, ARCHITECTS

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OWNER'S MANAGER:
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER:
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT:
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME:
PLANT PICTURES
COMPUTER PLOT

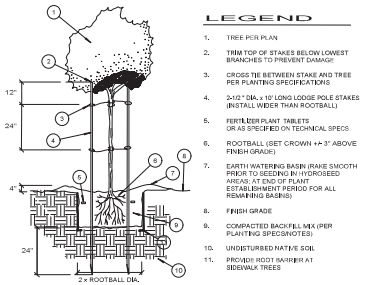
NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FWR	
2	11/12/23	90% DD	FWR	
3	12/26/23	90% DD	FWR	

PROJECT:
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY:
F. DE LA ROSA/LG

NUMBER: 34
TOTAL: 83

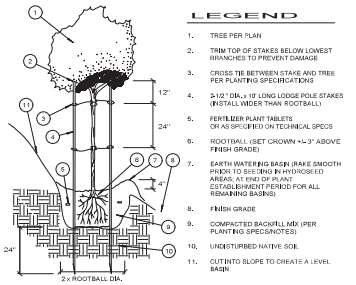
DRAWING NUMBER:
LP-2.0



LEGEND

1. TREE PER PLAN
2. TRIM TOP OF STAKES BELOW LOWEST BRANCHES TO PREVENT DAMAGE
3. CROSS TIE BETWEEN STAKE AND TREE PER PLANTING SPECIFICATIONS
4. 2-1/2" DIA. x 10' LONG LODGE POLE STAKES (INSTALL WIDER THAN ROOTBALL)
5. FERTILIZER PLANT TABLETS OR AS SPECIFIED ON TECHNICAL SPECS
6. ROOTBALL (SET CROWN +/- 3" ABOVE FINISH GRADE)
7. EARTH WATERING BASIN (RAKE SMOOTH PRIOR TO SEEDING IN HYDROSEED AREAS; AT END OF PLANT ESTABLISHMENT PERIOD FOR ALL REMAINING BASINS)
8. FINISH GRADE
9. COMPACTED BACKFILL MIX (PER PLANTING SPECSNOTES)
10. UNDISTURBED NATIVE SOIL
11. PROVIDE ROOT BARRIER AT SIDEWALK TREES

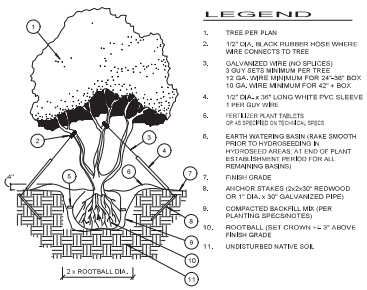
DETAIL A - Tree Planting Detail



LEGEND

1. TREE PER PLAN
2. TRIM TOP OF STAKES BELOW LOWEST BRANCHES TO PREVENT DAMAGE
3. CROSS TIE BETWEEN STAKE AND TREE PER PLANTING SPECIFICATIONS
4. 2-1/2" DIA. x 10' LONG LODGE POLE STAKES (INSTALL WIDER THAN ROOTBALL)
5. FERTILIZER PLANT TABLETS OR AS SPECIFIED ON TECHNICAL SPECS
6. ROOTBALL (SET CROWN +/- 3" ABOVE FINISH GRADE)
7. EARTH WATERING BASIN (RAKE SMOOTH PRIOR TO SEEDING IN HYDROSEED AREAS; AT END OF PLANT ESTABLISHMENT PERIOD FOR ALL REMAINING BASINS)
8. FINISH GRADE
9. COMPACTED BACKFILL MIX (PER PLANTING SPECSNOTES)
10. UNDISTURBED NATIVE SOIL
11. CUT INTO SLOPE TO CREATE A LEVEL BASIN

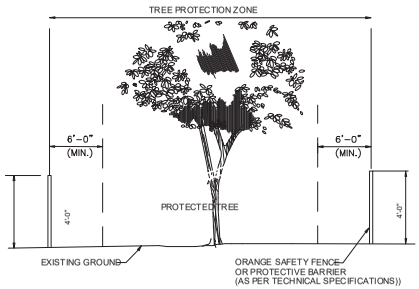
DETAIL B - Tree Planting on Slope Detail



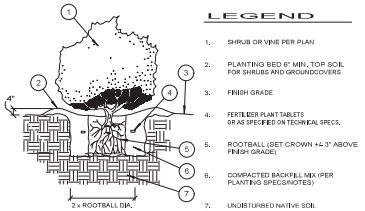
LEGEND

1. TREE PER PLAN
2. 1/2" DIA. BLACK RUBBER HOSE WHERE WIRE CONNECTS TO TREE
3. GALVANIZED WIRE (NO SPLICES) 3 GUY SETS MINIMUM PER TREE 12 GA. WIRE MINIMUM FOR 24"-36" BOX 10 GA. WIRE MINIMUM FOR 42" + BOX
4. 1/2" DIA.x 36" LONG WHITE PVC SLEEVE 1 PER GUY WIRE
5. FERTILIZER PLANT TABLETS OR AS SPECIFIED ON TECHNICAL SPECS
6. EARTH WATERING BASIN (RAKE SMOOTH PRIOR TO HYDROSEEDING IN HYDROSEED AREAS; AT END OF PLANT ESTABLISHMENT PERIOD FOR ALL REMAINING BASINS)
7. FINISH GRADE
8. ANCHOR STAKES (2x2x30" REDWOOD OR 1" DIA. x 30" GALVANIZED PIPE)
9. COMPACTED BACKFILL MIX (PER PLANTING SPECSNOTES)
10. ROOTBALL (SET CROWN +/- 3" ABOVE FINISH GRADE
11. UNDISTURBED NATIVE SOIL

DETAIL C - Large Tree Guying



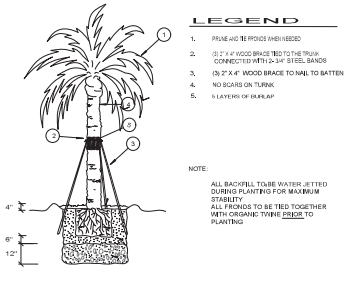
DETAIL G - Existing Tree Protection



LEGEND

1. SHRUB OR VINE PER PLAN
2. PLANTING BED 6" MIN., TOP SOIL FOR SHRUBS AND GROUNDCOVERS
3. FINISH GRADE
4. FERTILIZER PLANT TABLETS OR AS SPECIFIED ON TECHNICAL SPECS.
5. ROOTBALL (SET CROWN +/- 3" ABOVE FINISH GRADE)
6. COMPACTED BACKFILL MIX (PER PLANTING SPECSNOTES)
7. UNDISTURBED NATIVE SOIL

DETAIL D - Shrub Planting Detail



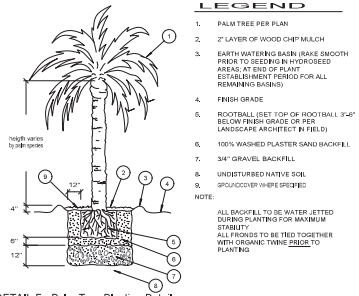
LEGEND

1. PRUNE AND TIE FRONDS WHEN NEEDED
2. (3) 2" X 4" WOOD BRACE TIED TO THE TRUNK CONNECTED WITH (2-3/4" STEEL BANDS
3. (3) 2" X 4" WOOD BRACE TO NAIL TO BATTEN
4. NO SCARS ON TURNK
5. 6 LAYERS OF BURLAP

NOTE:

ALL BACKFILL TO BE WATER JETTED DURING PLANTING FOR MAXIMUM STABILITY
ALL FRONDS TO BE TIED TOGETHER WITH ORGANIC TWINE PRIOR TO PLANTING

DETAIL E - Palm Tree Guying Detail



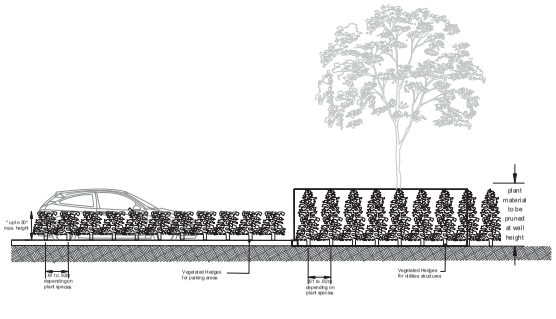
LEGEND

1. PALM TREE PER PLAN
2. 2" LAYER OF WOOD CHIP MULCH
3. EARTH WATERING BASIN (RAKE SMOOTH PRIOR TO SEEDING IN HYDROSEED AREAS; AT END OF PLANT ESTABLISHMENT PERIOD FOR ALL REMAINING BASINS)
4. FINISH GRADE
5. ROOTBALL (SET TOP OF ROOTBALL 3"-6" BELOW FINISH GRADE OR PER LANDSCAPE ARCHITECT IN FIELD)
6. 100% WASHED PLASTER SAND BACKFILL
7. 3/4" GRAVEL BACKFILL
8. UNDISTURBED NATIVE SOIL
9. GROUNDCOVER WHERE SPECIFIED

NOTE:

ALL BACKFILL TO BE WATER JETTED DURING PLANTING FOR MAXIMUM STABILITY
ALL FRONDS TO BE TIED TOGETHER WITH ORGANIC TWINE PRIOR TO PLANTING

DETAIL F - Palm Tree Planting Detail

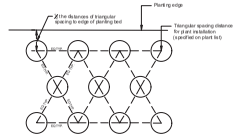


DETAIL H - Typical Hedges less than 30' from road curb

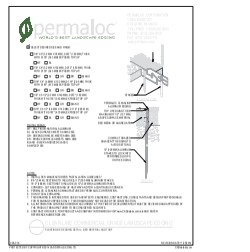
* Any shrub planted at a distance less than 30' from road curb should be maintained at a height no greater than 30".

GENERAL SITE NOTES FOR LANDSCAPE CONSTRUCTION

1. CONTRACTOS SHALL VERIFY ALL BASE SITE INFORMATION PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL ASSURE THAT NO DAMAGE IS MADE TO EXISTING UTILITY LINES WHILE EXCAVATING FOR PLANTING MATERIAL. CONTRACTOR MUST VERIFY ALL UP TO DATE AND "AS BUILT" UTILITY PLANS BEFORE EXCAVATING. IF DAMAGE OCCURS, CONTRACTOR IS RESPONSIBLE FOR INFORMING OWNER AND FOR REPAIRING DAMAGE. REFER TO SURVEY SHEETS.
3. REPORT ALL EXISTING DAMAGE OF EXISTING SITE FEATURES AND ELEMENTS TO THE OWNER PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE OCCURING FROM THE LANDSCAPE INSTALLATION PROCESS MUST BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
4. CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES FOR EMPLOYEES AND PUBLIC AT ALL TIMES DURING THE CONSTRUCTION PROCESS AS PER APPLICABLE LOCAL CODES.
5. CONTRACTOR SHALL COORDINATE ACCESS AND STAGING AREA WITH THE OWNER.
6. CONTRACTOR SHALL LAYOUT ALL CONSTRUCTION LINES AND VERIFY THIS LAYOUT AND ALL PLANT AND MATERIAL QUANTITIES WITH THE OWNER'S REPRESENTATIVE AND/OR LANDSCAPE ARCHITECT PRIOR TO THE BEGINNING OF CONSTRUCTION.
7. ALL EXISTING PLANT MATERIAL TO REMAIN SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE NEW CONSTRUCTION SCHEDULE. ALL EXISTING PLANT MATERIAL THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH THE SAME SIZE, QUALITY, AND TYPE OF PLANT MATERIAL THAT WAS DAMAGED
8. REFER TO PLANTING DETAILS AND WRITTEN TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION, DETAILS, AND NOTES.
9. REFER TO PLANS OF THE DIFFERENT AREAS FOR PLANT LISTING WITH SIZES, QUANTITIES, AND VARIETIES REQUIRED FOR THE CONSTRUCTION OF THE LANDSCAPE DESIGN AS SHOWN IN DRAWINGS. ANY CHANGES OR SUBSTITUTIONS NEEDED SHALL BE CLEARED WITH LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. A PLANT MATERIAL LIST IS PROVIDED. IF DISCREPANCIES OCCUR BETWEEN PLANS AND PLANT LIST, PLAN INFORMATION PREVAILS.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEAN UP OF THE WORKING AREAS AND DAILY REMOVAL OF DEBRIS TO AND OFF SITE LOCATION.
11. PILING SOIL AND TRASH SHALL NOT BE DEPOSITED AROUND EXISTING AND NEW PLANTED TREES.
12. TREES SHALL NOT BE PLANTED IN COMPACTED SOIL AREA. WIDTH OF PLANTING HOLE SHALL BE 3 TIMES ROOT BALL DIAMETER IN HIGHLY COMPACTED SOIL.
13. CONTRACTOR SHALL ASSURE PROPER DRAINAGE AND PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION OF PLANT MATERIAL.
14. TO AVOID ROOT PRUNING ON TREES PLANTED, ROOT CONTROL BARRIERS CAN BE USED.
15. IF A ROOT CONTROL SYSTEM IS USED THE CONTRACTOR SHALL CONSULT WITH THE MANUFACTURER FOR THE SELECTED SYSTEM SPECIFICATIONS.
16. RESTORE ALL DISTURBED SURFACES FOLLOWING COMPLETION OF CONSTRUCTION INCLUDING THE REPLACEMENT OF SOD WERE DISTURBED.
17. IF A REFORESTATION PLAN IS NECESSARY (ACP PERMIT), THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACHIEVING A 100% SURVIVAL RATE AT THE END OF A ONE YEAR PERIOD AFTER PLANTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING MONITORING, MAINTENANCE AND CORRECTIVE MEASURES SUCH AS WATERING,FERTILIZING REPLANTING AND/OR REGARDING THE FORE STATION UNTIL AREAS HAVE BEEN ACCEPTED IN WRITING BY CLIENT.
18. FOR MAINTENANCE REQUIREMENTS SEE THE MAINTENANCE SECTION IN THE WRITTEN TECHNICAL SPECIFICATIONS PROVIDED IN ADDITION TO THE PLAN SET.
19. PLANTING AREAS AND PLANTS SHALL BE PROTECTED AT ALL TIMES AGAINST TRESPASSING AND DAMAGE OF ALL KINDS FOR THE DURATION OF THE INSTALLATION AND MAINTENANCE PERIOD. IF A PLANT BECOMES DAMAGED OR INJURED, IT SHALL BE TREATED OR REPLACED AS DIRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST.
20. ALL TREES AND PALMS TO BE RELOCATED SHALL BE MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD, AS MAY BE REQUIRED, AND UNTIL WORK PROGRESS PERMITS PLANTING TO FINAL PROPOSED LOCATION. SPECIMENS DAMAGED SHALL BE SUBSTITUTED BY AN EQUAL TREE. (If applicable)
21. EXISTING TREES TO REMAIN SHALL BE PROTECTED AND MAINTAINED AS PER PLANTING DETAILS AND TECHNICAL SPECIFICATIONS.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR IRRIGATION DURING LANDSCAPE CONSTRUCTION AND MAINTENANCE PERIODS (if applicable), ESPECIALLY DURING DROUGHT PERIODS.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR 100% TREE SURVIVAL DURING INSTALLATION AND MAINTENANCE PERIOD, AND SHALL REPLACE ANY TREES THAT FAIL TO SUBSIST WITH AN EQUAL TREE DURING THE WARRANTY PERIOD AND IF CORRECT MAINTENANCE PRACTICES HAVE BEEN APPLIED.
24. PROVIDE 6" MIN. TOPSOIL BED FOR ALL AREAS TO RECEIVE SHRUBS AND GROUND COVERS AND 4" MIN. FOR ALL AREAS TO RECEIVE SOD UNLESS OTHERWISE STATED IN THE WRITTEN TECHNICAL SPECIFICATIONS.
25. PROVIDE 2" TO 3" CEDAR OR CYPRESS MULCH ON ALL AREAS OF BEDS NOT COVERED BY SOD OR GROUNDCOVER. SEE WRITTEN TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
26. WHERE SPECIFIED, GROUND AREAS NOT PAVED, PLANTED, MULCHED, OR SODDED WILL BE HARDSCAPED WITH THE INDICATED AGGREGATE MATERIAL. SOD AND AGGREGATE QUANTITIES ARE APPROXIMATE AND WILL BE USED ONLY FOR QUOTING PURPOSES. CONTRACTOR MUST RECALCULATE ALL AREAS.
27. ACP PERMIT PLANS (TREE CUTTING AND REFORESTATION PERMIT) ARE SEPARATE FROM LANDSCAPE PLANS. TREES AND PALMS ON LANDSCAPE PLANS ARE PART OF THE REQUIRED REFORESTATION, BUT ADDITIONAL TREES MAY BE NEEDED TO FULFILL PERMIT REQUIREMENT. FOR TREE INVENTORY, INDIVIDUALS TO REMAIN, REMOVE AND/OR TRANSPLANT, AND REFORESTATION PLANS SEE ACP PERMIT PLAN SET.
28. IF TREES AND PALMS SPECIFIED ON LANDSCAPE PLAN ARE ALSO USED AS PART OF THE MITIGATION PLAN, SIZE ON LANDSCAPE PLANS PREVAILS OVER ACP PERMIT PLANS.
29. TREE MITIGATION TO BE UNDERTAKEN OFF-SITE, OUTSIDE LANDSCAPE CONSTRUCTION LIMIT (IF APPLICABLE), MUST BE QUOTED SEPARATELY AND AS 6' TALL SPECIMENS OR AS INDICATED ON ACP PLANS.
30. SOD INSTALLED AT SLOPES GRATER THAN 2:1 MUST BE STAKED.



DETAIL I - Typical triangular spacing for plant beds



DETAIL J - Landscape Edging to separate sod from other plant material



DETAIL K - Root Barrier for Trees and Palms Surrounded by Pavement

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ARCHITECTS SEAL



ESTRA. HERNANDEZ DE BAUZA
ARCHITECT P.S.C. LICENSE #7369

CONSULTANT'S SEAL

P.O. FINANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO EN EL DISTRITO QUE SOY LA PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN, CERTIFICO QUE CONTIENDO LOS DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 Y AHORA AL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO DILIGENTEMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA. LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA. SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR EL DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA LEGIS.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLANTING DETAILS

COMPUTER PLOT

NO.	DATE	REVISION	BY	APPROVED
1	10/27/22	SCHEMATIC DWGS	FMR	
2	5/12/23	60% DD	FMR	
3	10/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
35	83

DRAWING NUMBER
LP-2.1

ESCAMBRON SKATE PARK

SAN JUAN, PR

LANDSCAPE PLAN SHEET LS-1.1

TYPE	CODE	SCIENTIFIC NAME	COMMON NAME	SPACING	TOTAL	SIZE
TREES						
	Bc	Bucida buceras	ou BRUCIDO / OLIVERO / OLIVO		6	8' x 12 gal / 1.5" cal
	Cb	Coccoloba barbadensis	MAMEDO, BOTIJA / TITTIM, BOTIJO		4	8' x 12 gal / 1.5" cal
	Ta	Tabebuia argentea syn. T. caraiba	ROBLE BLANCO / ou OR, TRUMPET TREE		5	8' x 12 gal / 2.5" cal
	Tc	Tabebuia heterophylla	ROBLE BLANCO / CHERRY, TRUMPET TREE		20	8' / 12 gal / 2.5" cal
PALMS						
	Pm	Phoenix roebelenii ou	DATIL PALM		3	10' cal / 5' grw
	Prg	Roystonea regia	ROYAL PALM		8	25' x x / 10' grw
	Tc	Tabebuia caraiba	ROBLE AMARILLO		5	18', 20', 22' cal
	Wr	Washingtonia robusta	WASHINGTONIA PALM		9	10' cal / 8' grw
SHRUBS						
	Ag	Agapanthus africanus 'Storm Cloud'	AGAPANTO	12" oc	244	3 gal
	Cpe	Clitoria ternatea 'Purple'	CORDON DE MONJO	42" oc	17	1.5 gal
	G	Gardenia jasminoides 'Mini'	JAZMIN MINI / GARDENIA	24" oc	86	3 gal
	Lv	Lantana 'Irene'	LANTANA 'IRENE'	30" oc	223	3 gal
	Ov	Ortosiphon 'Variegata'	COLEUS PLANTA	12" oc	6	1.5 gal
	Of	Ortosiphon stamineus	ORTOSIFON	24" oc	37	3 gal
	Pp	Pennisetum purpureum	CANA PLANTA	36" oc	105	2.5 gal
	Pm	Pilea microphylla	HIERBA PAJARO / HIERBA DE FUEGO	12" oc	91	3 gal
	Pn	Plumeria rubra	FRANGIPANI	15' oc	40	3 gal
	Wm	Washingtonia filifera 'Marsha'	MELOCHO, MALAGACHANDO ESTE	30" oc	40	3 gal
	Yg	Yucca gloriosa 'Gold'	PALO PALMA	4'	117	3 gal
	Fc	Pittosporum crassa	PITOSPORUM	30" oc	69	3 gal
	Ri	Rhaphiolepis indica	RAPHIOLEPIS	24" oc	46	3 gal
	Tcs	Tradescantia pallida 'purpurea'	MORADO, MORADA	12" oc	229	3 gal
MULCH						
	Gm	Gravel, marcella, Marella	GRAVA ZOYA MARELA	1 per sq ft	23877	Canon
GRASS						
SEEDS						
	Ag	Aechis	Aechis	yard	9	5" pot
	Mc	Mulch**	Mulch 3" depth	3" depth	55	m3
	Rsg	River Stone Gray 1" to 3" RANGE	Small River Stone Gray 4" depth	4" depth	10	m3
		Sod**	Sod/Grass		2	500 SF/ft sq
		Top soil	Top soil mixed with plants	per planting pit	6	m3
		Top soil	Top soil which areas 3" depth	3" depth	60	m3
		Top soil *	Top soil with 8 depth	8" depth	118	m3
		Mitigaña *	Mitigaña for open zone	varied sizes	8	m3
		Road control*	Road control	18" depth	8	m3
		Weed fabric	Weed fabric	double layer	1388	sq ft
		Tree guard at corner	Tree guard at corner		88	units
		Shade Sail	Shade sail to form single pool, ornamental	unit	4	units
		Tree walking, rail grazing	Tree walking, rail grazing	LF	26	lot
		Palm, shading, rail grazing	Palm, shading, rail grazing	LF	16	lot
		Tree Removal (12" to 18" in)	Tree Removal	unit	4	unit
		Palm Removal (1' to 3' in)	Palm Removal	unit	3	unit

NOTES:

1. Xeriscape is river stone, if applicable, should be in direct over a double layer of weed control fabric.
2. Top soil, mulch, and fertilizer quantities have been estimated and may vary depending on site conditions and project necessities. Contractor must re-calculate.
3. Root control barrier (as specified on planting details page) must be used wherever trees or palms are enclosed by pavement on all sides. Contractor must identify, estimate, and quote root barrier.

ESCAMBRON SKATE PARK

SAN JUAN, PR

LANDSCAPE PLAN SHEET LS-1.2

TYPE	CODE	SCIENTIFIC NAME	COMMON NAME	SPACING	TOTAL	SIZE
TREES						
	Bc	Bucida buceras	OLIVE, OLIVO, BUCIDO, OLIVERO		5	8' x 12 gal / 1.5" cal
	Cb	Coccoloba barbadensis	MAMEDO, BOTIJA / TITTIM, BOTIJO		3	8' x 12 gal / 1.5" cal
	Ta	Tabebuia argentea syn. T. caraiba	ROBLE BLANCO / ou OR, TRUMPET TREE		15	8' x 12 gal / 2.5" cal
	Tc	Tabebuia heterophylla	ROBLE BLANCO / CHERRY, TRUMPET TREE		8	8' / 12 gal / 2.5" cal
	Ig	Igua pinnata aeschynata	COMBOON PALM		9	8' x 12 gal / 2.5" cal
	Tc	Terminalia catappa	NAHAZA, ALMOND / INDIAN TREE		14	8' x 12 gal / 1.5" cal
PALMS						
	Pm	Phoenix roebelenii	DATIL PALM		4	12' cal / 5' grw
	Tc	Tabebuia caraiba	ROBLE BLANCO		3	18', 20', 22' cal
	Wr	Washingtonia robusta	WASHINGTONIA PALM		13	7' cal / 3' grw
SHRUBS						
	Agp	Agapanthus praecox 'Alba'	AGAPANTO	12" oc	66	3 gal
	Cpe	Clitoria ternatea 'Purple'	CORDON DE MONJO	42" oc	93	1.5 gal
	Lcp	Lantana camara 'Irene'	LANTANA 'IRENE'	30" oc	13	3.5 gal
	o	Ornamental grasses	GRAMINEAS	12" oc	28	1.5 gal
	Pm	Pilea microphylla	HIERBA PAJARO / HIERBA DE FUEGO	18" oc	229	3 gal
	Sc	Strelitzia reginae	STRELITZIA	18" oc	80	3 gal
	Ti	Tabebuia impetiginosa	LAPACHO AMARILLO / ROSADO	18" oc	154	3 gal
	Tm	Tradescantia multiflora 'Purpurea'	LIRIOPE MORADO	12" oc	668	1 gal
	Wm	Washingtonia filifera 'Marsha'	MELOCHO, MALAGACHANDO ESTE	30" oc	40	3 gal
	Yg	Yucca gloriosa 'Gold'	PALO PALMA	30" oc	78	3 gal
	Ti	Tradescantia pallida 'purpurea'	MORADO, MORADA	30" oc	85	3 gal
	Tcs	Tradescantia zebrina 'Quadricolor'	MORADO, MORADA	12" oc	227	3 gal
GROUNDCOVER						
SOD						
	Gm	Gravel, marcella, Marella	GRAVA ZOYA MARELA	1 per sq ft	37818	Canon
GRASS						
	Cn	Cynodon dactylon 'Tifway'	CYNODON	24" oc	6	Hydro
SEEDS						
	Ag	Aechis	Mulch 3" depth	3" depth	50	m3
	Rsg	River Stone Gray 3" -4" RANGE	Small River Stone Gray 4" depth	4" depth	2	m3
	Rsg	River Stone Yellow for walking surface (1/2" TO 1" RANGE)	River stone yellow 3" depth	3" depth	2	m3
	Cp	Grass only for drainage (2 to 3)	Grass only for drainage	3" depth	1	m3
		Sod**	Sod/Grass		2	500 SF/ft sq
		Top soil	Top soil mixed with plants	per planting pit	3	m3
		Top soil	Top soil which areas 4" depth	4" depth	40	m3
		Top soil *	Top soil with 7 depth	7" depth	357	m3
		Mitigaña *	Mitigaña for open zone	varied sizes	6	m3
		Road control*	Road control	18" depth	8	m3
		Weed fabric*	Weed fabric	double layer	674	sq ft
		Tree guard at corner	Tree guard at corner		80	units
		Tree walking, rail grazing	Tree walking, rail grazing	LF	3	units
		Tree walking, rail grazing	Tree walking, rail grazing	LF	40	lot
		Palm, shading, rail grazing	Palm, shading, rail grazing	LF	22	lot
		Palm Removal (12" to 18" in)	Palm Removal	unit	4	unit

NOTES:

1. Xeriscape is river stone, if applicable, should be in direct over a double layer of weed control fabric.
2. Top soil, mulch, and fertilizer quantities have been estimated and may vary depending on site conditions and project necessities. Contractor must re-calculate.
3. Root control barrier (as specified on planting details page) must be used wherever trees or palms are enclosed by pavement on all sides. Contractor must identify, estimate, and quote root barrier.

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ARCHITECT'S SEAL



ISTRA HERNANDEZ DE BAUZA
A R C H I T E C T LICENSE NUMBER

CONSULTANT'S SEAL

YO, FRANCES DE LA ROSA, ARQUITECTO PAISAJISTA LICENCIADO AL DISTRITO QUE SOY LA PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION Y QUE ESTÁN EN CONFORMIDAD CON CODIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 ** ADVG AL 15 DE NOVIEMBRE DE 2018. DISTRITO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 119 DE 15 DE MAYO DE 1958, SEGÚN ENMENDADA; LEY NÚM. 69 DE 6 JULIO DE 1978, SEGÚN ENMENDADAS; SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA CUAL

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PLANT SCHEDULE

COMPUTER PLOT

THIS DRAWING WAS CREATED ON A CAD SYSTEM ALL CHANGES MADE MANUALLY OR ON ANY OTHER CAD SYSTEM WILL NOT BE CAD. ANY ADDITIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
1	10/27/23	SCHEMATIC DWGS	FMR	
2	11/12/23	60% DD	FMR	
3	11/26/23	90% DD	FMR	

PROJECT
ESCAMBRON SKATE PARK

DRAWING BY/CHECKED BY
F. DE LA ROSA/LG

NUMBER	TOTAL
36	83

DRAWING NUMBER
LP-2.2

GENERAL NOTES:

1) CONTRACTOR SHALL DISPOSE PROPERLY OF ALL DEBRIS AND SCRAP MATERIAL FROM DEMOLITION WORK ACCORDING TO MUNICIPAL, STATE & FEDERAL REGULATIONS. SEE AND COMPLY AND COMPLY WITH DIVISION 17 FOR HAZARDOUS MATERIALS ABATEMENT REMOVAL & DISPOSAL.

2) CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INFLICTED TO THE PROJECT PROPERTY OR ADJACENT PROPERTIES OR OTHER PROJECT AREAS TO REMAIN DURING THE DEMOLITION AND CONSTRUCTION PHASES. DAMAGED ITEMS SHALL BE RESTORED TO IT'S ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE AND OWNER'S SATISFACTION. DAMAGE TO SUBSTRATE SURFACES DURING REMOVAL PROCEDURES SHALL BE REPAIRED TO OWNER'S SATISFACTION BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.

3) DEMOLITION AND REMOVAL SHALL BE CONDUCTED IN A MANNER THAT ELIMINATES HAZARDS TO PERSONS, THE ENVIRONMENT AND PROPERTY IN THE SURROUNDING AREA. THE CONTRACTOR SHALL PREVENT THE RELEASE OF DUST INTO THE AIR AND SOIL.

4) CONTRACTOR SHALL PROVIDE METAL CONTAINERS OF SUFFICIENT CAPACITY AS TO MAINTAIN THE PROJECT SITE & BUILDINGS FREE OF WASTE AND SCRAP MATERIALS. EVERY AFTERNOON BEFORE FINISHING THE DAY'S WORK HE SHALL COLLECT ALL WASTE MATERIALS AND PLACE THEM IN THE CONTAINERS. AT NO TIME WASTE MATERIAL SHALL BE LEFT UNCOLLECTED FROM ONE DAY TO ANOTHER. ON A MINIMUM WEEKLY BASIS WASTE MATERIALS STORED IN THE METAL CONTAINERS SHALL BE COLLECTED AND DISPOSED OFF ACCORDING TO MUNICIPAL, STATE & FEDERAL REGULATIONS. SEE APPLICABLE DIVISION 17 HAZARDOUS MATERIALS ABATEMENT REQUIREMENTS.

5) THE CONTRACTOR SHALL MAINTAIN STREETS, PARKINGS, SIDEWALKS AND GROUNDS CLEAN AT ALL TIMES. WASHING WITH WATER IS REQUIRED TO PREVENT DUST CONTAMINATION AND HEALTH HAZARDS. WATER CONSUMPTION FOR CLEANING, CAN NOT BE TAKEN FROM PUBLIC FIRE HYDRANTS OR SCHOOL SERVICE.

6) THE CONTRACTOR SHALL SUBMITT, PROCURE AND OBTAIN THE FOLLOWING DOCUMENTS & PERMITS FROM THE ENVIRONMENTAL QUALITY BOARD OF PUERTO RICO IN ORDER TO PROCEED WITH CONTRACT WORK:

A. CONSOLIDATED PERMIT FROM ENVIRONMENTAL QUALITY BOARD
B. SOLID WASTE DISPOSAL (FORM D.S.–3) OR APPLICABLE PER HAZARDOUS OR NON–HAZARDOUS MATERIALS
C. PREPARE AND SUBMITT CES PLAN
D. OTHER REQUIRED BY LAWS AND REGULATION.
E. ANY OTHER REQUIRED PERMIT FOR THE CONTRACT WORK.

NOTE: CONTRACTOR MUST MANTAIN IN FULL FORCE ALL EXISTING PERMITS OBTAINED BY PREVIOUS CONTRACTOR AND / OR SUBMITT AND OBTAIN NEW PERMITS AT HIS OWN COST.

7) THE CONTRACTOR WILL NOTIFY AND OBTAIN PERMIT FROM THE PUBLIC SERVICE COMMISSION PRIOR TO THE EXCAVATION WORK OF THE PROJECT. PERMIT MUST BE SUBMITTED TO THE OWNER AND TO THE PROJECT INSPECTOR BEFORE PROCEEDING WITH ANY EXCAVATION OR DEMOLITION WORK .

8) PRIOR TO PROCEDING WITH LANDSCAPING WORK, CONTRACTOR MUST REQUEST AND OBTAIN FROM THE MUNICIPALITY OF SAN JUAN A PERMIT FOR CUTTING AND PLANTING OF TREES ACCORDING TO THE PLANNING REGULATION NO.25.

9) THE DEMOLITION DRAWINGS ARE INTENDED TO GIVE THE CONTRACTOR A GENERAL SCOPE OF THE DEMOLITION WORK. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL DEMOLITION'S NECESSARY TO PERFORM THE CONSTRUCTION WORK AS DEMONSTRATED IN CONTRACT DRAWINGS AND WRITTEN SPECIFICATIONS, EVEN IF IT IS NOT SPECIFICALLY SHOWN IN THE DEMOLITION DRAWINGS. NO ADDITIONAL COST TO OWNER WILL BE CHARGED FOR DEMOLITION'S NOT SHOWN IN DWGS.

10) UTILITIES AND OR SERVICES (CONSISTING BUT NOT LIMITED TO WATER, SEWER, ELECTRICITY, GAS, CABLE TV, DATA AND TELEPHONE) CAN NOT BE SUSPENDED TO ANY BUILDING OR PROPERTY WHILE CONTRACT WORK IS PERFORMED IN THIS PROJECT. IN ALL SITUATIONS CONTRACTOR SHALL MAKE NECESSARY TEMPORARY CONNECTIONS TO MAINTAIN SERVICES CONNECTED AND OR UTILITIES AT ALL TIME AND AT HIS OWN EXPENSE. PLANNING AND COORDINATION BETWEEN CONTRACTOR AND THE AGENCIES PROVIDING THE UTILITIES AND OR SERVICES ARE HIS SOLE RESPONSIBILITY AND AT HIS OWN COST.

WORK PLAN

THE WORK WILL BE PERFORMED BY A QUALIFIED CONTRACTOR. CONCRETE RECYCLING CAN BE USED ON THIS WORK, BUT NOT ON SITE TO PERFORM ALL DEMOLITION & CONSTRUCTION WORK THE CONTRACTOR WILL ENSURE THE SAFETY OF ITS WORKERS AND OF THE PUBLIC & SURROUNDING AREAS. SAFETY FENCES AND SIGNS WILL BE PROVIDED AS REQUIRED. ALL PERSONNEL WILL USE THE O.S.H.A. REQUIRED PROTECTIVE EQUIPMENT AS REQUIRED BY THE STATE AND FEDERAL REGULATIONS. THE WORK WILL BE PERFORMED FOLLOWING THE STATE AND FEDERAL LAWS CONCERNED AND IN ACCORDANCE WITH THE WORK PLAN.

1) FINAL DISPOSITION OF DEBRIS AND MATERIAL RESULTING FROM DEMOLITION – ALL METALS WILL BE RECYCLED AT APPROVED RECYCLING CENTERS. THE CONTRACTOR WILL TRANSPORT ALL CONCRETE WASTE MATERIAL IN AUTHORIZED TRUCKS AS APPROVED BY "DOT" & THE PUBLIC SERVICE COMMISSION.

2) SAFETY AND HEALTH PLAN – THE CONTRACTOR SHALL PROVIDE A RISK FREE ENVIRONMENT FOR ALL EMPLOYEES AND THEIR SURROUNDING. HE MUST GUARANTEE THE SAFETY AND HEALTH OF ALL EMPLOYEES, SUBCONTRACTORS AND GENERAL PUBLIC SUBMITTING A COMPREHENSIVE SAFETY & HEALTH PLAN FOR A/E APPROVAL.

3) SAFETY MEASURES AND PRECAUTIONS DURING DEMOLITION OR CONSTRUCTION (ALL O.S.H.A. AND E.P.A. UPDATED COMPLIANCES)

A. GENERAL WORK RELATED TO DEMOLITION MUST BE UNDERTAKEN IN CONFORMITY OF THE APPROVED SAFETY PLAN.
B. SAFETY MEETINGS. THE CONTRACTOR WILL PERFORM JOB SITE INSPECTIONS TO CONFIRM ANY POTENTIAL SAFETY HAZARDS. IF A POTENTIAL HAZARD IS FOUND, THE CONTRACTOR. WILL USE THE APPROPRIATE METHODS, EQUIPMENT, DEVICES AND MATERIAL TO ASSURE A SAFE WORKPLACE. SAFETY TOURS AND MEETINGS WILL BE PERFORMED PRIOR TO THE WORK AND WHENEVER NECESSARY TO MAINTAIN A SAFE AND ACCIDENT FREE JOB.
C. THE CONTRACTOR WILL PROVIDE TRAINED AND EXPERIENCED PERSONNEL TO ASSURE A JOB PROPERLY DONE AND SAFE.

D. THE CONTRACTOR WILL BE RESPONSIBLE FOR FIRE PROTECTION IN WORK AND OPERATIONAL AREAS:
   1. NO AREA WILL BE USE FOR THE STORAGE OF COMBUSTIBLE MATERIAL UNLESS IT IS FIRE PROOF
   2. THE CONTRACTOR WILL PROVIDE FIRE EXTINGUISHERS ENTIRE IN THE DEMOLITION OR CONSTRUCTION AREA
   3. ALL HEAVY EQUIPMENT, WELDING MACHINE OR CUTTING EQUIPMENT SHOULD HAVE ITS OWN FIRE EXTINGUISHERS OR HAVE ONE IN A 100 FEET RADIUS FROM IT.
   4. DURING DEMOLITION OR CONSTRUCTION PERIOD FREE ACCESS TO FIRE HYDRANTS, OR OTHER FIRE EXTINGUISHING EQUIPMENT, WILL BE PROVIDED AND MAINTAINED AT ALL TIMES.

E. CLOTHING:
   1. PERSONNEL FROM THE CONTRACTOR WILL BE REQUIRED TO DRESS PROPERLY WHILE PERFORMING THEIR JOB.
   2. EACH WORKER WILL USE APPROPRIATE WORKING SHOES.
   3. PROPER RESPIRATORY PROTECTION WILL BE USE WHEN REQUIRED.
   4. PROPER HAND PROTECTION WILL BE USE WHEN REQUIRED.
   5. PROPER HEARING PROTECTION WILL BE USED IN AREAS WHERE SOUNDS ARE HIGHER THAN 80 DBS.
   6. THE USE OF SAFETY HELMETS IS MANDATORY FOR ALL PERSONNEL ENTERING THE WORKING AREA.
   7. ALL EMPLOYEES WILL WEAR SAFETY BELTS WHEN WORKING TO FEET OR MORE ABOVE THE GROUND OR WHEN WORKING IN A PRECARIOUS POSITION. SAFETY BELTS WILL BE PROPERLY ANCHORED TO FIXED STRUCTURE TO ASSURE THE WORKER SAFETY.
   8. SAFETY GLASSES WITH SIDE SHIELDS WILL BE USED WHENEVER EXPOSED TO FREE PARTICLES.

F. WELDING AND CUTTING
   1. PROTECTIVE SHIELD – WHEN GAS WELDING OR CUTTING IS DONE, ABOVE OR WITHIN A RADIUS OF TEN FEET OF COMBUSTIBLE MATERIAL ABOVE A PLACE WHERE WORKERS ARE EMPLOYED, OR WHERE PERSONS ARE LIKE TO PASS, NON COMBUSTIBLE SHIELD WILL BE INTERPOSED TO PROTECT SUCH MATERIALS OR PERSONS AGAINST SPARKS AND HOT METAL.
   2. GAS AND FUEL DEPOSITS:
      A. FUEL GAS DEPOSITS WILL NOT BE MOVED FROM ONE PLACE TO ANOTHER,NOR WILL THEY BE STORED UNLESS THE CAPS OF SUCH DEPOSITS ARE IN PLACE.
      B. SUITABLE CRADLES WILL BE USED FOR LIFTING OR LOWERING OXYGEN OR FUEL TANKS TO REDUCE TO MINIMUM THE POSSIBILITY OF DROPPING TANKS. ORDINARY ROPE SLINGS WILL NOT BE USED.
      C. TANKS SUPPLYING GAS FOR WELDING OR CUTTING WILL BE LOCATED AT NO GREATER DISTANCE FROM THE WORK AREA THAN NECESSARY FOR SAFETY. SUCH TANKS WILL BE SECURELY FASTENED IN PLACE AND UNLESS UNAVOIDABLE IN UPRIGHT POSITION.
      D. CLOSED SPACES WILL BE VENTILATED PROPERLY WHILE WELDING OR CUTTING IS BEING THEREIN.

G. SIGNS, SIGNALS, BARRICADES
   1. SIGNS, SIGNALS AND BARRICADES WILL BE VISIBLE AT ALL TIMES WHERE A HAZARD EXITS.
   2. PROTECTIVE BARRICADES WILL PROTECT ALL STREETS, ROADS, HIGHWAYS, AND OTHER PUBLIC THOROUGHFARES, WHICH ARE CLOSED TO TRAFFIC, ON WHICH WILL BE PLACED ACCEPTABLE AND HIGHLY VISIBLE WARNING SIGNS.
   3. BARRICADES AND SIGNS WILL BE USED TO MAINTAIN A PROPER AND SAFE WORKING ENVIRONMENT.
   4. CONTRACTOR WILL PROVIDE SAFETY PERSONNEL IN AREAS WHERE DEMOLITION OR CONSTRUCTION WORK IS BEING DONE.

H. HAND AND POWER TOOLS.
   1. ALL HAND AND POWER TOOLS WHETHER FURNISHED BY THE CONTRACTOR OR BY ITS EMPLOYEES, WILL BE MAINTAINED IN SAFE CONDITION.
   2. THE CONTRACTOR WILL NOT ISSUE NOR PERMIT THE USE OF UNSAFE HAND OR POWER TOOLS.
   3. ELECTRICAL POWER TOOLS WILL BE GROUNDED OR DOUBLE INSULATED.
   4. PNEUMATIC POWER TOOLS WILL BE SECURED TO HOSE OR WHIP BY SOME POSITIVE MEANS.
   5. ONLY PROPERLY TRAINED OR EXPERIENCE EMPLOYEES WILL OPERATE POWER – ACTUATED TOOLS.
   6. CYLINDERS WILL BE LABELED AS TO THE NATURE OF THEIR CONTENTS.

I. COMPRESSED GAS CYLINDERS
   1. COMPRESSED GAS CYLINDERS WILL BE SECURED IN AN UPRIGHT POSITION AT ALL TIMES.
   2. WHEN TRANSPORTING, MOVING OR STORING CYLINDERS VALVE PROTECTION CAPS WILL BE IN PLACE AND SECURED.
   3. CYLINDERS WILL BE KEPT AWAY FROM SPARKS, HOT SLAG AND FLAMES, OR BE ADEQUATELY PROTECTED.
   4. CYLINDERS WILL NOT BE PLACED WHERE THEY CAN BECOME PART OF AN ELECTRIC CIRCUIT.
   5. CYLINDERS WILL BE LABELED AS TO THE NATURE OF THEIR CONTENTS.

J. SCAFFOLDS
   1. SCAFFOLDS WILL BE USED IN PRECARIOUS SITUATIONS AND WHEN WORKING ABOVE 10 FEET FROM THE GROUND.
   2. PROPER ANCHORAGE WILL BE USED TO MAINTAIN THE SCAFFOLD AND WORKERS SAFETY.
   3. WORKERS WILL USED THE APPROPRIATE SAFETY BELTS WHEN WORKING ON SCAFFOLDS.
   4. MOBILE SCAFFOLD CASTERS WILL BE SECURED AND LOCKED PRIOR TO MOUNTING.
   5. NO PERSONNEL WILL BE ON A MOBILE SCAFFOLD WHEN IT IS BEING RELOCATED.

K. CRANES AND DERRICKS
   1. ALL CRANES AND DERRICKS WILL BE CERTIFIED AS BEING IN SAFE OPERATING CONDITION PRIOR TO USING THE CRANE OR DERRICK ON THE JOB SITE.
   2. THE CRANE OR DERRICKS WILL HAVE PROPER SAFETY EQUIPMENT AND CERTIFICATIONS FOR THE PROPER USE OF IT.
   3. TRAINED, EXPERIENCED AND QUALIFIED OPERATORS WILL BE USED DEPENDING OF THE SPECIFIC MAKE AND MODEL OF THE CRANE.
   4. THE MANUFACTURE'S OPERATION MANUAL SHALL BE KEPT WITH THE CRANE WHILE IT IS ONSITE.

L. LADDERS
   1. THE USE OF LADDERS WITH BROKEN OR MISSING RUNGS OR STEPS, BROKEN OR SPLIT RAILS OR OTHER DEFECTIVE CONSTRUCTION IS PROHIBITED.
   2 LADDERS WILL EXTEND NO LESS THAN 36 INCHES ABOVE LANDING AND BE SECURED TO PREVENT DISPLACEMENT.
   3. PORTABLE LADDERS WILL BE EQUIPPED WITH SAFETY SHOES.
   4. WOODEN LADDERS WILL NOT BE PAINTED.

M. EQUIPMENT AND MOTOR VEHICLES
   1. ALL EQUIPMENT WILL BE INSPECTED DAILY BEFORE USE.
   2. DEFECTIVE EQUIPMENT WILL BE REPAIRED OR REMOVED FROM SERVICE.

N. DEMOLITION
   1. PROPER DEMOLITION PROCEDURES WILL BE PERFORMED DEPENDING OF THE ITEM TO BE DEMOLISHED.
   2. A DEMOLITION PLAN WILL BE DONE EXPLAINING THE PROCEDURE TO BE USED PRIOR TO THE BEGINNING OF THE WORK.
   3. THE DEMOLITION PLAN WILL INCLUDE THE PROCEDURE REGARDING DUST CONTROL AND DEBRIS REMOVAL ON JOB SITE.

O. DISPOSAL OF WASTE
   1. WASTE MATERIAL, DEBRIS AND RUBBISH WILL NOT BE STORED NOR ALLOWED TO ACCUMULATE WITHIN THE WORK AREA OR IN THE IMMEDIATE VICINITY BUT WILL BE REMOVED FROM THE PREMISES EACH DAY.
   2. STEEL, ALUMINUM AND COPPER WILL BE RECYCLED.
   3. CONCRETE WILL BE RECYCLED WITHOUT ADDITIONAL COST TO OWNER.
   4. ALL OTHER NON–RECYCLABLE MATERIALS WILL BE SENT TO A LAND FILL YARD APPROVED BY THE LOCAL AND STATE LAWS AND REGULATIONS.

5) FIRST AID AND MEDICAL PROCEDURES
A. FIRST AID (MINOR CUTS, SCRATCHES, BRUISES, ETC.)
   1. EACH OCCUPATIONAL ILLNESS OR INJURY WILL BE REPORTED IMMEDIATELY BY THE EMPLOYEE TO THE FOREMAN.
   2. ALL PERSONAL INJURIES AND ILLNESSES (JOB RELATED) TREATED OR REPORTED (ACTUAL OR ALLEGED) WILL BE RECORDED ON DAILY FIRST AID LOG.
   3. FOREMAN OR FIRST AID ATTENDANT WILL TREAT THE INJURED EMPLOYEE AS OFTEN AS NECESSARY TO ENSURE COMPLETE RECOVERY, OR THE DECISION IS MADE TO SEEK MEDICAL TREATMENT.

B. MEDICAL CASES (NOT REQUIRING AMBULANCE SERVICE)
   1. MEDICAL CASES NORMALLY NOT REQUIRING AMBULANCE SERVICES ARE INJURIES SUCH AS MINOR LACERATIONS, EMBEDDED FOREIGN BODIES IN EYE, MINOR SPRAINS, ETC.
   2. THE CONTRACTOR WILL PROVIDE PROPER EQUIPMENT FOR PROMPT TRANSPORTATION OF THE INJURED PERSON TO A PHYSICIAN OR HOSPITAL.

C. EMERGENCY CASES (REQUIRING AMBULANCE SERVICES)
   1. MEDICAL CASES REQUIRING AMBULANCE SERVICES WILL BE SUCH CASES AS SEVERE HEAD INJURIES, AMPUTATIONS, HEART ATTACKS, ETC.
   2. SHOULD AMBULANCE SERVICES BE NECESSARY THE FOLLOWING PROCEDURES WILL BE TAKEN IMMEDIATELY:
      A. CONTACT EMPLOYEE TRAINED IN FIRST AID.
      B. WHILE FIRST AID IS BEING ADMINISTERED CONTACT NECESSARY AMBULANCE SERVICE.
      C. WHILE THE INJURED EMPLOYEE IS BEING TRANSPORTED, THE CONTRACTOR WILL CONTACT THE MEDICAL FACILITY TO BE UTILIZED.
      D. ONE DESIGNATE REPRESENTATIVE WILL ACCOMPANY THE INJURED EMPLOYEE TO THE MEDICAL FACILITY AND REMAIN AT THE FACILITY UNTIL FINAL DIAGNOSIS AND OTHER RELEVANT INFORMATION IS OBTAINED.

GENERAL PROCEDURES:

1. THE CONTRACTOR SHALL EXECUTE AND CERTIFY A THOROUGH VISIT TO THE PROJECT SITE AND BUILDINGS, AND TO FAMILIARIZE WITH ALL THE CONSTRUCTION WORK BEFORE ATTENDING THE PRE–BID MEETING.

2. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGES INFLICTED TO THE OWNER'S OR NEIGHBOR PROPERTY OR OTHER AREAS DURING THE EXECUTION OF THE WORK. HE SHALL REPAIR ANY DAMAGES AT HIS OWN EXPENSE TO OWNER'S SATISFACTION

3. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT ALL SHOP DRAWINGS, PRODUCT LITERATURE AND SAMPLES FOR APPROVAL PRIOR TO COMMENCEMENT OF THE WORK AND NO LATER THAN 90 CALENDAR DAYS AFTER ORDER TO PROCEED. NO SUBSTITUTIONS REQUEST OF MATERIALS WILL BE CONSIDERED WHEN NON–COMPLIANCE OF SUBMITTAL'S DELIVERY TIME IS CAUSING SUCH SUBSTITUTION REQUEST.

4. DRAWINGS ARE NOT TO BE SCALED: SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.

5. ALL MATERIALS AND CONSTRUCTION METHODS USED MUST COMPLY WITH ALL GOVERNING REGULATIONS AS SET FORTH BY THE PUERTO RICO PLANNING BOARD, AND ALL OTHER CONCERNED REGULATORY AGENCIES AND CODES.

6. NEW CONSTRUCTION INCLUDING CONCRETE, MASONRY WOOD, PLASTER, DOORS, FRAMES, AND MISCELLANEOUS UNFINISHED METALS (OTHER THAN STAINLESS STEEL) SHALL BE PAINTED UNLESS OTHERWISE CLEARLY INDICATED ON DRAWING.

7. ALL WOOD MATERIAL WEATHER SOLID OR PLYWOOD SHALL BE PRESSURE TREATED AND KILN DRIED IN ACCORDANCE WITH SPECIFICATIONS.

8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING FIELD CONDITIONS PRIOR TO ACTUAL CONSTRUCTION OR INSTALLATION. IN CASE OF ANY DISCREPANCY WITH THE CONSTRUCTION DOCUMENTS, OR DOUBTS AS TO THE INTERPRETATION OF SAID DOCUMENTS, THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED AND CONSULTED FOR CLARIFICATION PRIOR TO CONSTRUCTION OR INSTALLATION.

9. WHERE QUANTITY OF MATERIALS ARE SHOWN IN CONSTRUCTION DRAWINGS AND OR WRITTEN SPECIFICATIONS, SUCH NUMBER SHALL NOT BE TAKEN AS THE DETERMINED QUANTITY NEEDED FOR THE CONSTRUCTION CONTRACT. THE CONTRACTOR SHALL PROVIDE AND INSTALL THE AMOUNT OF MATERIALS AND/OR EQUIPMENT'S NEEDED TO COMPLETE AND PLACE IN OPERATION ALL THE WORK SHOWN IN THE CONSTRUCTION DRAWINGS AND WRITTEN SPECIFICATIONS, WITHOUT ADDITIONAL COST TO THE OWNER.

10. BEFORE PAINTING WORK, CLEAN FUNGUS AND DARK SPOTS IN WALLS AND CEILINGS WITH AN INDUSTRIAL CHLORINE SOLUTION. (NO METHYLENE–CHLORIDE CONTAINING)

11. REPAIR ALL CRACKS, SCRAPE, PATCH AND/OR REMOVE EXISTING IMPERFECTIONS IN ALL EXTERIOR CEMENT PLASTER WALLS. USE CONCRETE REHABILITATION PRODUCTS EQUAL OR SIMILAR TO TAMS INDUSTRIES, CO., "TAMS THIN PATCH" (PUERTO RICO WIRE PRODUCTS, INC.). FOR CORRECTION OF UNEVEN FINISHES IN EXITING WALLS.

12. APPLY A HIGH QUALITY SURFACE CONDITIONER AT ALL INTERIOR / EXTERIOR CEMENT PLASTER WALLS & CEILINGS BEFORE PAINTING. REFER TO SPECIFICATIONS.

13. PAINT ALL EXTERIOR CEMENT PLASTER SURFACES, FRAMES, DOORS, WINDOW, ETC. AS SPECIFIED. COLORS TO BE SELECTED BY ARCHITECT AS INDICATED IN TECHNICAL SPECIFICATIONS. (NO LEAD–BASED PAINT SHALL BE UTILIZED IN THIS PROJECT.

14. AFTER CONSTRUCTION WORK IS FINISHED THE WHOLE PROJECT SHALL BE PAINTED ACCORDING TO SPECIFICATIONS.

METAL WORK

1. ALL METAL TUBES SHALL BE ELECTRO GALVANIZED STEEL, WELDED.

2. ALL METALS SHALL BE PAINTED ACCORDING TO SECTION 099600 "HIGH PERFORMANCE COATING" OF TECH. SPECS.

3. CONTRACTOR SHALL SUBMIT SHOP–DRAWINGS OF ALL METAL WORKS PRIOR TO FABRICATION FOR ARCHITECTS APPROVAL.

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ARCHITECT'S SEAL

ISTRA HERNANDEZ DE BAUZA
ARCHITECT LICENSE NO.7389

CONSULTANT'S SEAL

YO, ISTRA HERNANDEZ, ARQUITECTO LICENCIADO #7389, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ LOS ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN EN CONFORMIDAD CON CÓDIGOS DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO DEBIDAMENTE CON LO DISPUESTO EN LA LEY NÚM. 1 A DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INNOVACIÓN EN LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1956, SEGÚN ENMENDADA (SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MI AGENTE O EMPLEADOS, O TAMBIÉN PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA QUE...

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GENARAL NOTES

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED IN CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ–BAUZA

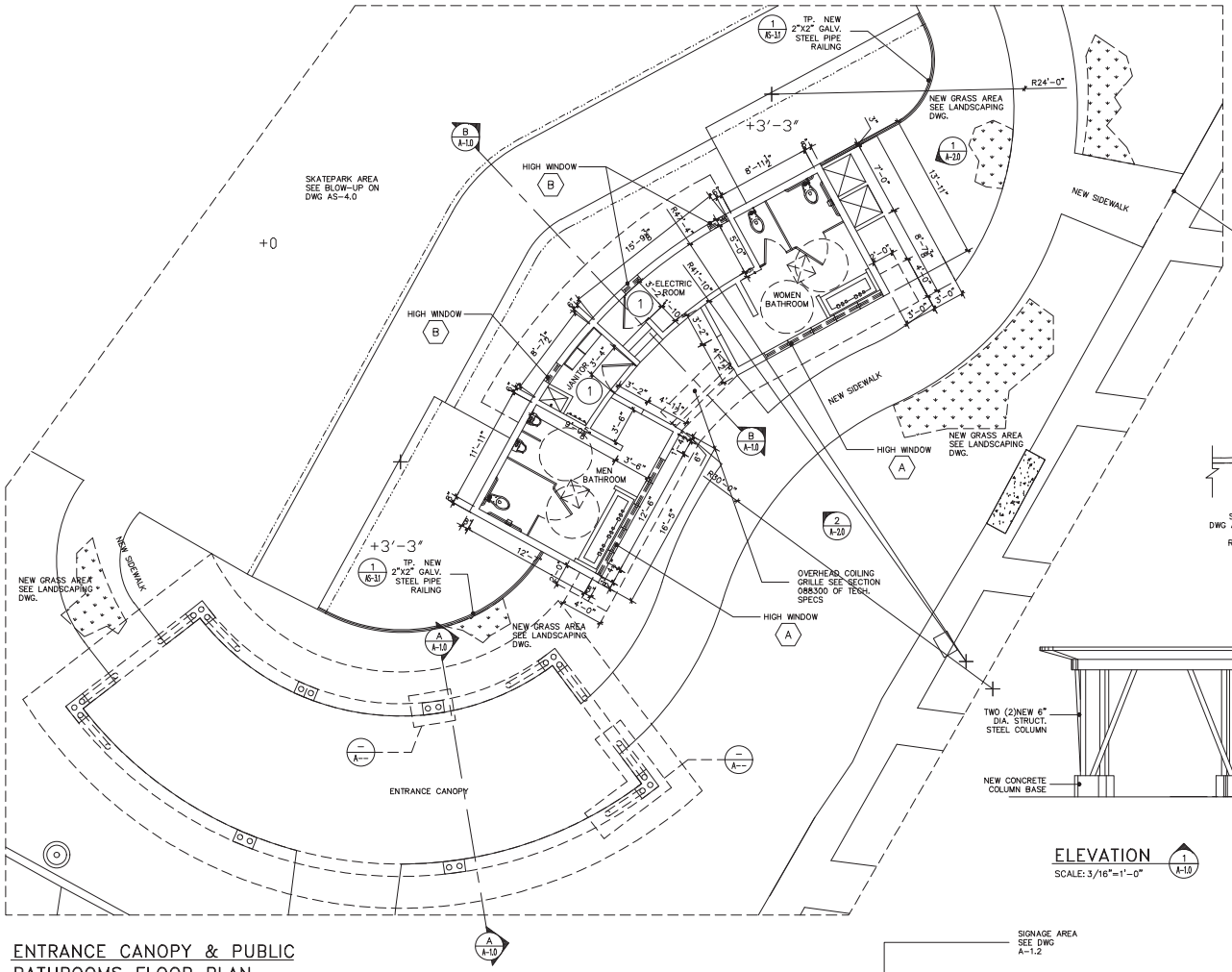
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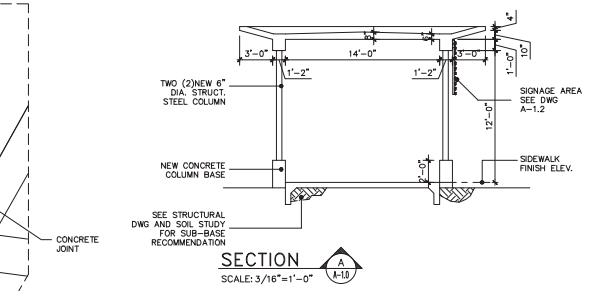
PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

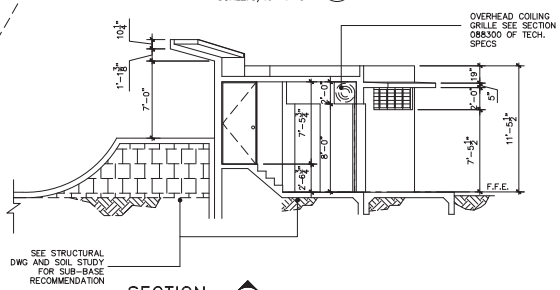
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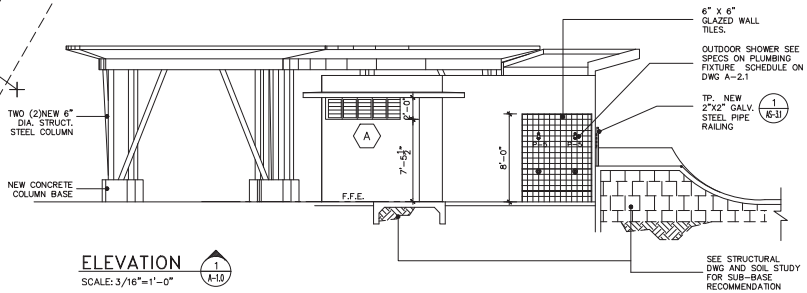




SECTION
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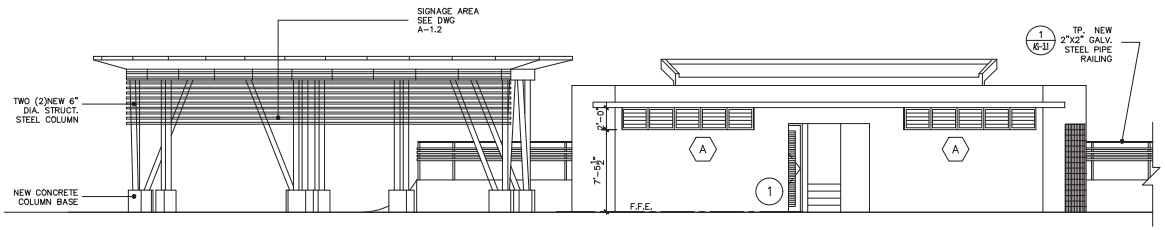
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ELEVATION
SCALE: 3/16"=1'-0"

ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

SCALE: 3/16"=1'-0"



ELEVATION
SCALE: 3/16"=1'-0"

GENERAL NOTES:

1. SEE GENERAL SITE PLAN AND GEOMETRY ON DWG --
2. SEE ROOF PLAN ON DWG A-1.1
3. SEE BATHROOM BLOW-UP ON DWG A-2.0
4. SEE LANDSCAPING ON DWG LS-2.0
5. ALL EXTERIOR BATHROOM FLOOR FINISH SHALL BE TROWELED CONCRETE, LOW WALLS AND/OR CURBS SHALL BE CEMENT PLASTER AND PAINT.

LEGEND:

SYMBOL	DESCRIPTION
	NEW 6" REINF. CONCRETE WALL
	NEW 6" REINF. CONCRETE BLOCK WALL
	NEW DOOR TO BE INSTALLED
	NEW PLUMBING FIXTURES, SEE DWG A--- FOR SCHEDULE
	SECTION ID. SYMBOL
	DETAIL ID. SYMBOL

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

COMPUTER PLOT
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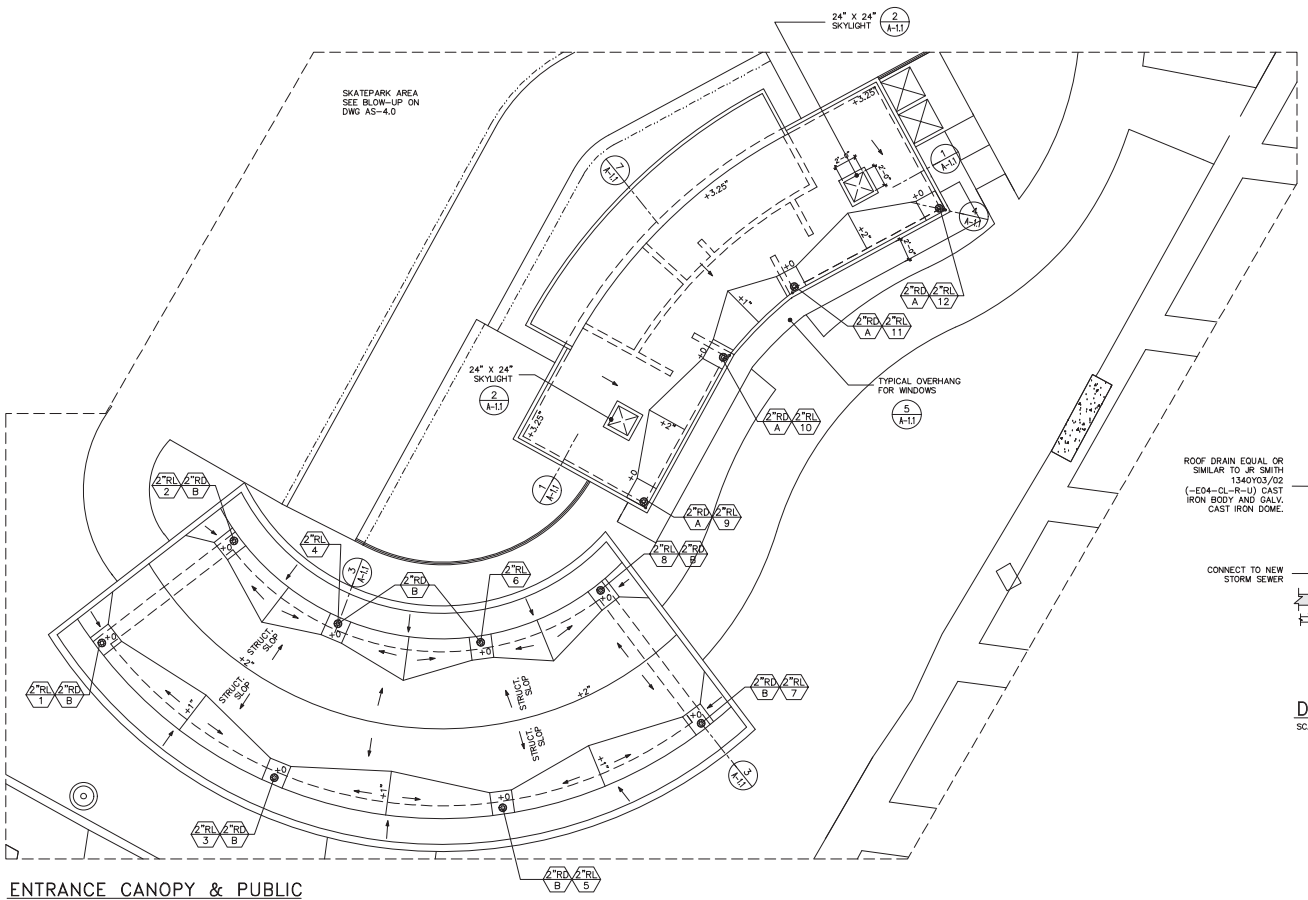
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

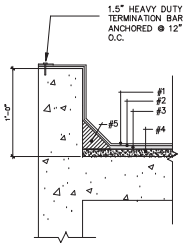
NUMBER 38 TOTAL 83

DRAWING NUMBER
A-1.0



ENTRANCE CANOPY & PUBLIC BATHROOMS ROOF PLAN

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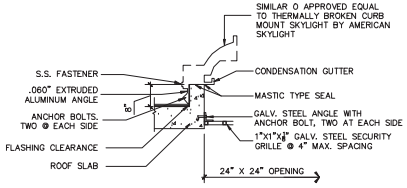


STRUCTURAL STEEL ROOF WATERPROOFING SYSTEM:

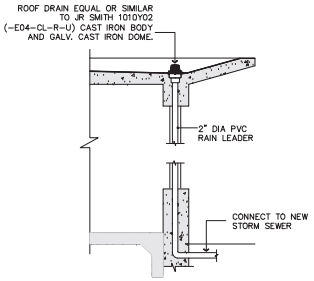
1. SBS MODIFIED BITUMEN FLASHING MEMBRANE W/FIBERGLASS MAT REINFORCEMENT FINISHED W/ALUMINUM CLAD TOP & BURN OFF FILM ON THE BOTTOM SIDE, AND BURN-OFF FILM.
2. SBS MODIFIED BITUMEN MEMBRANE W/POLIESTER MAT REINFORCEMENT.
3. ASPHALT PRIMER COAT
4. LIGHTWEIGHT CONCRETE FOR REQUIRED ROOF SLOPES OF ¼" X FEET
5. TREATED WOOD CANT STRIP 4" X 4".
6. PROVIDE ONE RELIEF VENT EVERY 1000 SF.

SEE SECTION 07-52-00 MODIFIED BITUMINOUS MEMBRANE SYSTEMS OF TECH.SPECS.

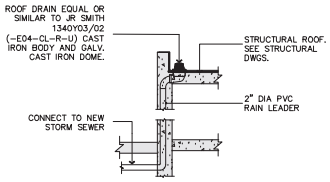
ROOF WATERPROOFING DETAIL 1 A-1.1
SCALE: N.T.S.



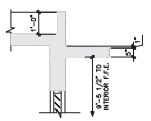
DETAIL 2 A-1.1
SCALE: N.T.S.



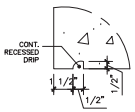
DETAIL 3 A-1.1
SCALE: N.T.S.



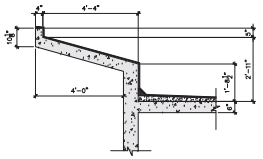
DETAIL 4 A-1.1
SCALE: N.T.S.



DETAIL 5 A-1.1
SCALE: N.T.S.



TYP. RECESSED DRIP DETAIL 6 A-1.1
SCALE: N.T.S.



DETAIL 7 A-1.1
SCALE: N.T.S.

LEGEND:

SYMBOL	DESCRIPTION
RD1 / RL RAIN LEADER	RAIN LEADER ID. SYMBOL
RD1 / RD DRAIN ROOF TYPE	ROOF DRAIN ID. SYMBOL ROOF DRAIN TYPE A: EQUAL OR SIMILAR TO JR SMITH 1340Y03/02 (-E04-CL-R-U). CAST IRON BODY AND GALV. CAST IRON DOME. ROOF DRAIN TYPE B: EQUAL OR SIMILAR TO JR SMITH 1010Y02 (-E04-CL-R-U). CAST IRON BODY AND GALV. CAST IRON DOME.
⊕	DETAIL ID. SYMBOL

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ENTRANCE CANOPY & PUBLIC BATHROOMS FLOOR PLAN

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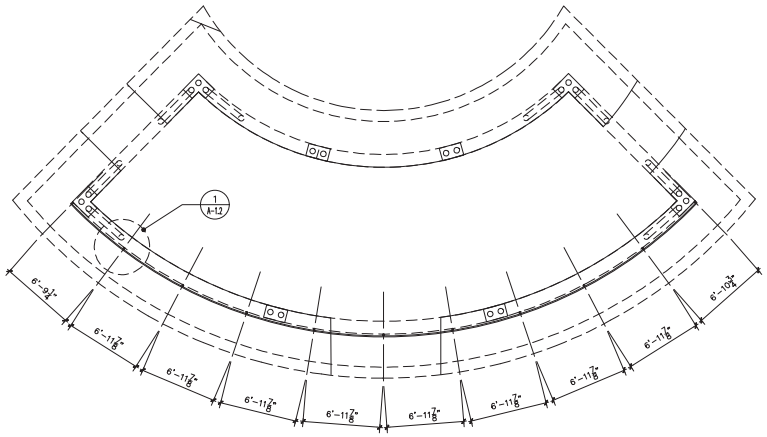
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
39	83

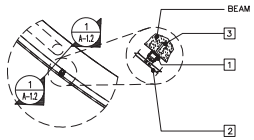
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A-1.1



LETTERING FLOOR PLAN

SCALE: 3/16"=1'-0"

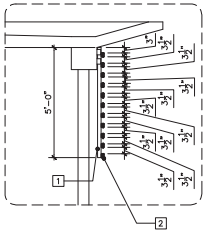
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A-1.2



DETAIL

SCALE: N.T.S.

1
A-1.2



SECTION

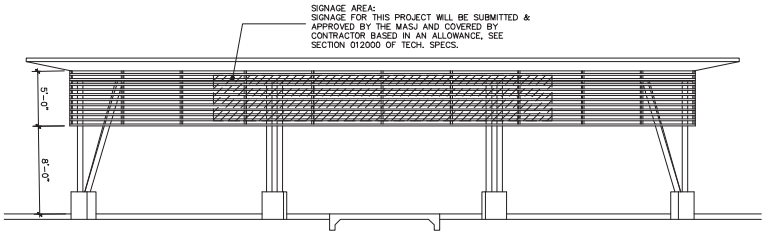
SCALE: 3/16"=1'-0"

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A-1.2

KEY NOTES:

1. STRUCTURAL ALUMINUM TUBES 60.3MM X 60.3MM X 2.4M, SUPPORTS IN INOX SHEET GA 14 WITH INOX SCREWS FINISHED WITH ELECTROSTATIC POLIESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT. COLOR TO BE SELECTED BY ARCHITECT. EQUAL OR APPROVE EQUAL TO DOBLAMOS, S.A., WWW.DOBLAMOS.COM
2. STRUCTURAL ALUMINUM TUBES 15.3MM X 60.3MM X 2.4M, SUPPORTS IN INOX SHEET GA 14 WITH INOX SCREWS FINISHED WITH ELECTROSTATIC POLIESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT. COLOR TO BE SELECTED BY ARCHITECT. EQUAL OR APPROVE EQUAL TO DOBLAMOS, S.A., WWW.DOBLAMOS.COM
3. 4" STAINTESS STEEL ANCHOR BOLTS @ EACH VERTICAL TUBE SUPPORTS
4. LETTERS IN ALUMINUM SHEET GA 14, FINISHED WITH ELECTROSTATIC POLIESTER POWDER PAINT WITH HIGH QUALITY RESIN AND PIGMENT. COLOR TO BE SELECTED BY ARCHITECT. EQUAL OR APPROVE EQUAL TO DOBLAMOS, S.A., WWW.DOBLAMOS.COM

IMPORTANT NOTE: SYSTEM WILL BE 100% MECHANICAL ASSEMBLED. DETAIL SHOP DRAWING AND MATERIAL SAMPLES MUST BE SUBMITTED FOR ARCHITECT'S APPROVAL.



ELEVATION

SCALE: 3/16"=1'-0"

1
A-1.0

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PROJECT
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DRAWING NAME
SIGNAGE AREA AND DETAILS

COMPUTER PLOT
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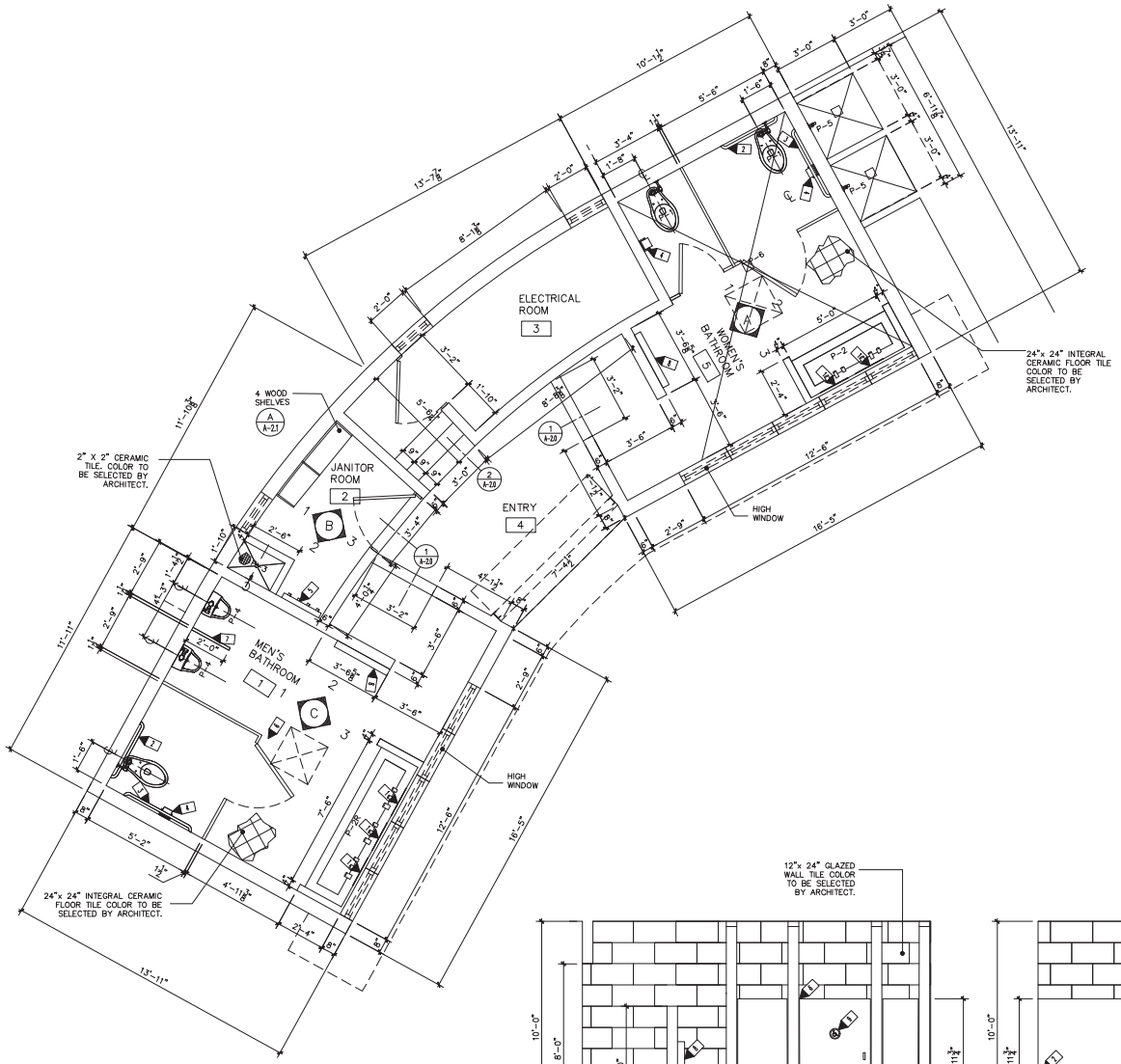
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
40	83

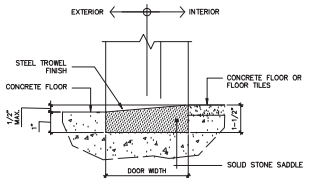
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A-1.2



BATHROOM BLOW-UP

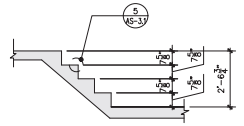
SCALE: 3/8"=1'-0"

BATHROOM FINISHES SCHEDULE								
NO.	LOCATION	WALLS		FLOORS		BASES	CEILING	
		SMOOTH CEM. PLASTER & PAINT	GLAZED CERAMIC TILE	POLISHED CONCRETE WITH SAW CUT JOINT	24"X 24" INTEGRAL PORCELAIN TILES	4" CER. INTEGRAL FLOOR TILE	SMOOTH CEM. PLASTER & PAINT	
1	MEN'S BATHROOM	●	●		●		●	
2	JANITOR ROOM	●	●	●			●	
3	ELECTRIC ROOM	●		●			●	
4	ENTRY	●		●			●	
5	WOMEN'S BATHROOM	●	●		●		●	
							●	



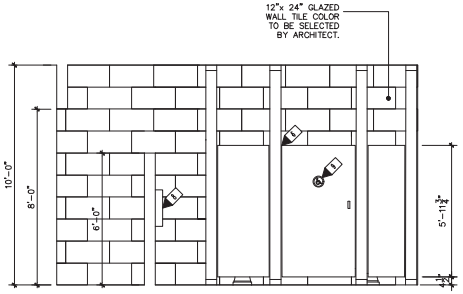
TYP. DOOR SADDLE FOR ENTRANCE DETAIL

SCALE: N.T.S. (1 / A-2.0)



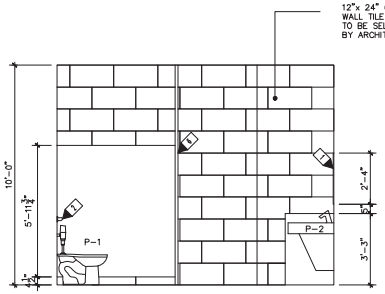
DETAIL (2 / A-2.0)

SCALE: N.T.S.



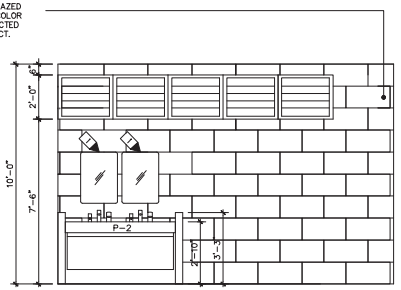
ELEVATION A-1

SCALE: 3/8"=1'-0"



ELEVATION A-2

SCALE: 3/8"=1'-0"



ELEVATION A-3

SCALE: 3/8"=1'-0"

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PROJECT
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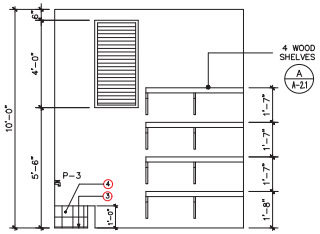
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

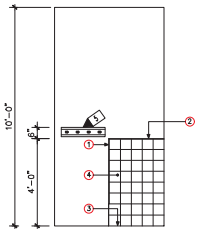
NUMBER	TOTAL
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DRAWING NUMBER
A-2.0



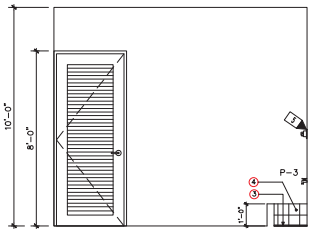
ELEVATION B-1

SCALE: 3/8"=1'-0"



ELEVATION B-2

SCALE: 3/8"=1'-0"

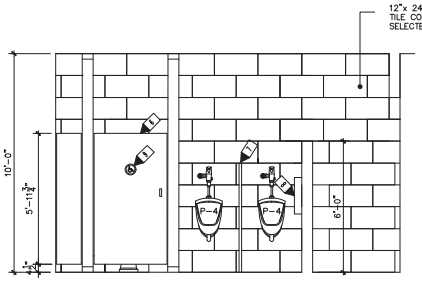


ELEVATION B-3

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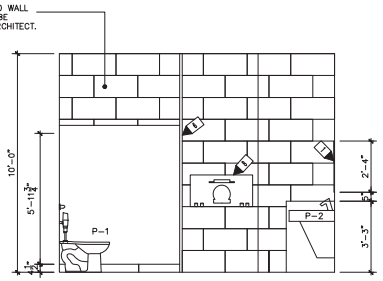
BATHROOM ACCESSORIES		
NUMBER	DESCRIPTION	COMMENTS
1	STAINLESS STEEL MIRROR	NOFER MIRROR CODE 08071.B
2	36" GRAB BAR	BRADLEY GRAB BAR 812 SERIES 001-36
3	42" GRAB BAR	BRADLEY GRAB BAR 812 SERIES 001-42
4	TOILET PAPER DISPENSER	NOFER TOILET PAPER DISPENSER CODE 05004.N
5	MOP AND BROOM HOLDER	BRADLEY HOLDER MODEL 9954
6	BATHROOM CUBICLES	BOBRICK SIERRA SERIES SCRC 1090 MODEL 2096 MAX PRIVACY 71" DOORS & PANELS AND 4 ½" FLOOR CLEARANCE.
7	URINAL PARTITIONS	BRADLEY PRIVACY URINAL PARTITIONS SOLID PHENOLIC CORE
8	BABY CHANGING STATION	NOFER HORIZONTAL BABY CHANGING CODE 09209.W
9	HC SIGN FOR TOILET DOOR	NOFER REDUCED MOBILITY PICTOGRAM CODE 16724.2.S

PLUMBING FIXTURE SCHEDULE		
SYMBOL	FIXTURE	SPECIFICATIONS
P-1	HC TOILET	AMERICAN STANDARD MADERA FLOWISE 16.5" HEIGHT 1.1 GPF FLUSHOMETER TOILET SYSTEM WITH EVERCLEAN SELECTRONIC FLUSH VALVE- MODEL 3461.511 WHITE 10" ROUGH-IN. AMERICAN STANDARD SEAT #5901.100SS HEAVY DUTY OPEN FRONT LESS COVER WITH EVERCLEAN.
P-2	HC LAVATORY	SLOAN AER-DEC INTEGRATED SINK SYSTEM MODEL NO. AD 8200O. PRODUCT TO BE FABRICATED OUT OF CORIAN OR QUARTZ. SUPPLIED WITH SLOAN DECK MOUNTED HAND DRYER EHD-510, SLOAN AUTOMATED SENSOR FAUCET EFX SERIES AND SLOAN SENSOR OPERATED FOAM SOAP DISPENSER ESD-400 OR ESD-500. SINK DESIGN TO BE ADA COMPLIANT. SUPPLIED WITH ENCLOSURE.
P-2R	HC LAVATORY	SLOAN AER-DEC INTEGRATED SINK SYSTEM MODEL NO. AD 8X000. PRODUCT TO BE FABRICATED OUT OF CORIAN OR QUARTZ. SUPPLIED WITH SLOAN DECK MOUNTED HAND DRYER EHD-510, SLOAN AUTOMATED SENSOR FAUCET EFX SERIES AND SLOAN SENSOR OPERATED FOAM SOAP DISPENSER ESD-400 OR ESD-500. SINK DESIGN TO BE ADA COMPLIANT. SUPPLIED WITH ENCLOSURE.
P-3	JANITOR HOSE BIB	ONE (1) BRASS. BALL VALVE HOSE BIB BY CHAMPION ARROWHEAD, 3/4" MIP MODEL 302BV WITH ADA APPROVED S/S VINYL GRIP HANDLES. ZURN LIGHT COMMERCIAL FD2211-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"x 5" WITH S/S VANDAL PROOF SCREWS
P-4	URINAL	AMERICAN STANDARD DECORUM .0125 GPF TOP SPUD HIGH EFFICIENCY WHITE URINAL SYSTEM MODEL 6042.633 WITH SELECTRONIC FLUSH VALVE MODEL 6063.013.002
P-5	OUTDOOR SHOWER	OUTDOOR SHOWER COMPANY WALL MOUNT SINGLE SUPPLY WMFS-442-ADA-SS STAINLESS STEEL ADA METERED PUSH VALVE ZURN LIGHT COMMERCIAL FD2211-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"x 5" WITH S/S VANDAL PROOF SCREWS
P-6	FLOOR DRAIN	ZURN LIGHT COMMERCIAL FD2211-ST, 3 PVC ADJUSTABLE FLOOR DRAIN POLISHED BRASS GRATE 5"x 5" WITH S/S VANDAL PROOF SCREWS



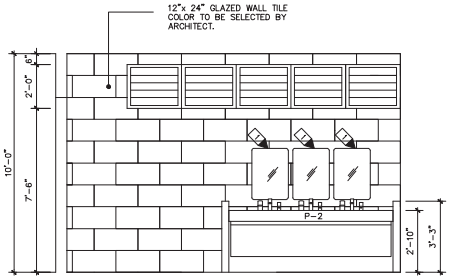
ELEVATION C-1

SCALE: 3/8"=1'-0"



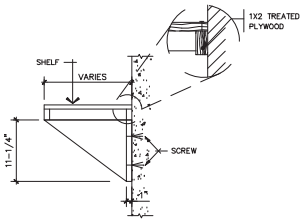
ELEVATION C-2

SCALE: 3/8"=1'-0"



ELEVATION C-3

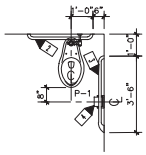
SCALE: 3/8"=1'-0"



TYPICAL SHELF SUPPORT DETAIL

SCALE: 1/4"=1'-0"

A
A-2.1



JANITOR TILE LEGEND

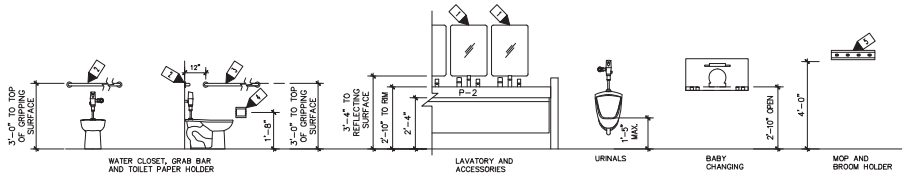
① 6"x 6" GLAZED TILE, DOUBLE BULL-NOSE.

② 6"x 6" GLAZED TILE, SINGLE BULL-NOSE.

③ 6"x 6" GLAZED TILE, SANITARY COVE

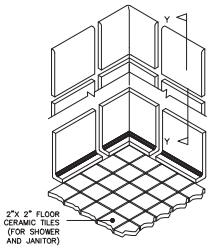
④ 6" X 6" GLAZED WALL TILES.

-SEE SEC. 09 30 00 OF TECH. SPECS. FOR TILE SPECS.



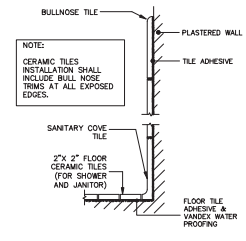
TYPICAL BATHROOM EQUIPMENT – MOUNTING HEIGHT

SCALE: 1/2"=1'-0"



SANITARY BULLNOSE & COVE BOTTOM CORNER INSTALLATION (EXPLODED)

SCALE: N.T.S.



SECTION "Y"

SCALE: N.T.S.

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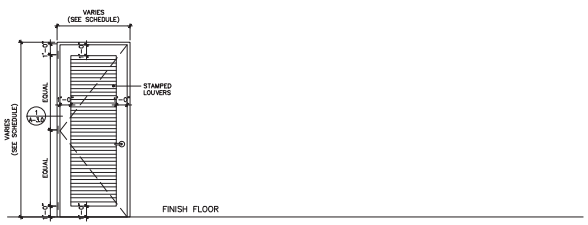
NO.	DATE	REVISION	BY	APPROVED

PROJECT

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JDD I.H.

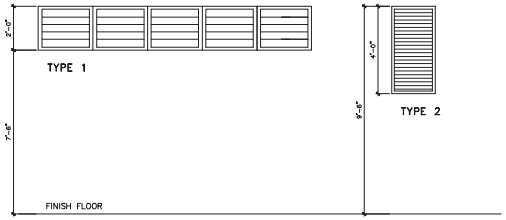
NUMBER 42 TOTAL 83

DRAWING NUMBER
A-2.1



TYPE "A"

STEEL FLUSH DOOR WITH VANDAL PREPARATION. SEE DETAIL.
SPECIAL HARWARE:
DOOR CLOSER.



DOOR SCHEDULE FOR BATHROOM AREA

NUM.	OPENING	TYPE	FRAME	COMMENTS	HARDWARE SET NUM.
				SEE DOOR	
1	3'-4"x 8'-0"	A	2 x 6	TYPE NOTES	1
2	3'-0"x 7'-5 1/2"	A	2 x 6		1

DOOR NOTES:

1– CONTRACTOR SHALL SUBMIT HARDWARE SCHEDULE WITH THE HARDWARE SUBMITTAL FOR ARCHITECT'S APPROVAL.

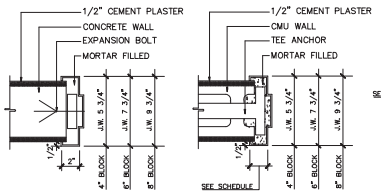
2– FOR HARDWARE TYPE IN ALL BUILDINGS, SEE TECHNICAL SPECIFICATIONS, SECTION 08–71–00

WINDOW SCHEDULE FOR BATHROOM AREA

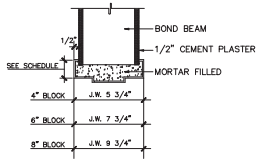
NUM.	OPENING	TYPE	WINDOW TYPE	FINISH	FRAME
A	12'-0"x 2'-0"	1		WHITE ENAMEL	ALUM.
B	2'-0"x 4'-0"	3	LOUVER	WHITE ENAMEL	ALUM.

NOTES:

1. WINDOWS TYPE 1 WILL BE SECURITY WINDOWS WITH INTEGRATED HURRICANE SHUTTERS WITH 3" SLATS, ASSEMBLED WITH STAINLESS STEEL SCREWS. WINDOW POWDER PAINT COLOR TO BE SELECTED BY ARCHITECT. MUST BE COMPLY WITH MIAMI–DALE NOA CERTIFICATION



METAL JAMB DETAIL 1/A-3.0
SCALE: NTS



METAL HEAD DETAIL 2/A-3.0
SCALE: NTS

HERNANDEZ-BAUZA
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DRAWING NAME
PUBLIC BATHROOM DOOR AND WINDOWS SCHEDULE AND DETAILS

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
43	83

DRAWING NUMBER
A–3.0

STRUCTURAL NOTES :

GENERAL:

1- UNLESS OTHERWISE INDICATED, THESE NOTES APPLY TO ALL STRUCTURAL DRAWINGS OF THIS SET OF PLANS.

2- IN CASE OF DISCREPANCY BETWEEN THESE NOTES AND THE CONSTRUCTION DRAWINGS, SPECIFICATIONS OR ANY REFERRED STANDARD, THE MORE RESTRICTIVE PROVISION SHALL APPLY.

3- STRUCTURAL DRAWINGS SHALL BE COORDINATED AND SUPPLEMENTED BY ARCHITECTURAL, ELECTRICAL, MECHANICAL AND ANY OTHER BUILDING DRAWINGS.

4- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND BEFORE ORDERING ANY MATERIAL. DIFFERENCES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF ENGINEER AND NO ACTION SHALL BE TAKEN UNTIL APPROVED BY ENGINEER.

5- CONTRACTOR SHALL SUBMIT FOR APPROVAL ANY DETAIL OR DIMENSION THAT IS OMITTED OR NOT SPECIFICALLY SHOWN ON PLANS.

6- CONTRACTOR SHALL PROTECT ALL PROPERTY FROM DAMAGE. ANY DAMAGED PROPERTY SHALL BE PROMPTLY REPLACED BY EQUAL AND/OR BETTER QUALITY.

7- ALL CONSTRUCTION, DEMOLITION AND / OR EXCAVATION WORK SHALL BE PERFORMED IN SUCH A WAY AS NOT TO IMPAIR THE SAFETY OF ADJOINING EXISTING STRUCTURES.

8- ALL SOIL BELOW NEW FOOTINGS SHALL BE COMPACTED IN 8 INCHES THICK LAYERS AND EACH LAYER SHALL BE COMPACTED TO 95 % OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM SPECIFICATION D-1557.)(IF APPLICABLE FOR THIS PROJECT)

9- QUALITY OF FILL MATERIAL SHALL BE SUBMITTED TO OWNER FOR APPROVAL

REINFORCED CONCRETE:

1- ALL AGGREGATES SHALL COMPLY WITH ASTM SPECIFICATION C-33. CEMENT SHALL COMPLY WITH ASTM SPECIFICATION C-150. MAXIMUM SIZE OF COURSE AGGREGATES SHALL BE 3/4 INCH. MANUFACTURED AGGREGATES FROM WATER SOLUBLE MATERIALS WILL BE PERMITTED.

2- FORM WORKS SHALL BE CONSTRUCTED SO THAT THE CONCRETE SURFACES WILL CONFORM TO THE TOLERANCE LIMITS SET FORTH IN CHAPTER 4 OF THE "SPECIFICATIONS FOR STRUCTURAL MEMBERS FOR BUILDINGS" (ACI 301).

3- ALL DIMENSIONS SHOWN ARE STRUCTURAL AND DO NOT INCLUDE THICKNESS OF PLASTER OR ANY OTHER CONCRETE FINISH.

4- CONSTRUCTION LOADS SHALL NOT BE SUPPORTED ON, OR ANY SHORING REMOVED FROM ANY PART OF THE STRUCTURE UNDER CONSTRUCTION EXCEPT THAT PORTION OF THE STRUCTURE IN COMBINATION WITH THE REMAINING FORMING AND SHORING SYSTEM HAS SUFFICIENT STRENGTH TO SUPPORT SAFELY IT'S WEIGHT AND LOADS PLACED THEREON TIME FOR REMOVING CONCRETE FORMS AND SHORING IN BEAMS, SLABS AND STAIRWAYS SHALL BE TWO WEEKS. FOR WALLS 5 DAYS.

5- PROVIDE A POLYETHYLENE VAPOR BARRIER MEMBRANE UNDER ALL CONCRETE POURED AGAINST THE SOIL. UNLESS OTHERWISE INDICATED ON PLANS, VAPOR BARRIER SHALL BE EQUAL OR SIMILAR TO GRIFFOLYN TYPE-65. (IF APPLICABLE FIR THIS PROJECT)

6- REINFORCING BARS BE GRADE 60 HIGH STRENGTH DEFORMED NEW BILLET STEEL MEETING ASTM SPECIFICATION A-615 (LATEST).

7- UNLESS OTHERWISE SHOWN, MINIMUM REBAR SPLICE BE 24 INCH. FOR #3 BARS, 30 INCH., FOR #4 BARS, 36 INCH. FOR #5 BARS, 45 INCH. FOR #6 BARS, 63 INCH. FOR #7 BARS, 72 INCH. FOR #8 BARS, 80 INCH. FOR #9 BARS.

8- NO REBAR SPICE SHALL BE MADE AT OR NEAR REGIONS OF MAXIMUM STRESS AND NO MORE THAN 50 % OF REBARS SHALL BE SPLICED AT ANY LOCATION.

9- CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-LATEST), INCLUDING SUPPLEMENTS. AND SHALL COMPLY WITH ALL LOCAL LAWS AND ORDINANCES. WHERE CONFLICTING REQUIREMENTS OCCUR, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

10- CONCRETE DESIGN IS BASED ON THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-LATEST), INCLUDING SUPPLEMENT.

11- REFERENCE SPECIFICATION AND CODES:
(A) EARTHWORK SPEC NO. 03000. (IF APPLICABLE FOR THIS PROJECT)
(B) CAST-IN PLACE CONCRETE SPEC NO. 03-300

12- ALL CONCRETE SHALL BE NORMAL WEIGHT, UNLESS NOTED, HAVING A MINIMUM COMPRESSIVE STRENGTH OF F'C = 4,000 PSI AT 28 DAYS, WATER CEMENT RATIO MINIMUM = 0.55. CONCRETE MIX DESIGN SHALL INCLUDE CORROSION INHIBITOR & SHRINKAGE ADMIXTURES. MAXIMUM WATER SOLUBLE CHLORIDE ION CONTENT (CT)=0.15% BY WEIGHT. USE OF SLAG CEMENT IS APPROVED.

13- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 (FY-60 KSI). CONTRACTOR SUPPLY WILL CERTIFICATES OF ALL STEEL MATERIALS. ALL STEEL BARS SHALL BE EPOXY COATED ACCORDING WITH ASTM A775 OR A934.

14- CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS:
- CAST AGAINST AND PERMANETLY EXPOSEDE TO EARTH: 3" (IF APPLICABLE FOT HIS PROJECT)
- #6 BARS AND LARGER: 2"
- #5 BARS AND SMALLER: 2"
- NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND SLAB AND WALLS: 1 1/2"
- BEAMS, GIRDERS, COLUMNS: 2"

15- (IF APPLICABLE FOR THIS PROJECT)
(A) DEPRESSED SLABS SHALL MAINTAIN FULL THICKNESS UNLESS NOTED. SEE TYPICAL DETAILS.
(B) ALL DIMENSIONS AND LOCATIONS OF FLOOR DEPRESSIONS SHALL BE VERIFIED FROM ARCHITECTURAL DRAWINGS BEFORE PLACING SLABS.

16- CONTRACTION AND CONTRACTION JOINTS IN SLABS ON GRADE SHALL BE LOCATED AND CONSTRUCTED AS DETAILED ON THE DRAWINGS.

17- ALL SLEEVES, SLOTS AND OTHER EMBEDDED AND UNDER SLAB ITEMS SHALL BE SET BEFORE CONCRETE IS PLACED, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND VENDOR'S DRAWINGS FOR SIZES AND LOCATIONS

18- ALL TOP BARS AT DISCONTINUOUS ENDS SHALL BE HOOKED.

19- ALL BAR SPLICES SHALL BE CLASS C LAP SPLICES, UNLESS NOTED.

20- ALL BEARING PLATES SHALL BE SET WITH NON-SHRINK GROUT.

21- ALL EXPOSED EXTERNAL CORNERS OF CONCRETE SHALL HAVE A 3/4" x 45 DEGREES CHAMFER, UNLESS NOTED.

22- SHOP DRAWINGS FOR REBARS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.

23- OPENINGS IN CONCRETE WALLS SHALL BE REINFORCED AROUND PERIMETER WITH 2 #5 AND EXTENDING 2'-0" BEYOND CORNERS.

24- ALL WALLS AND PEDESTALS SHALL BE PLACED MONOLITHICALLY.

25- (IF APPLICABLE FOR THIS PROJECT)
(A) BACK FILLING AT FOUNDATION WALLS AND PEDESTALS SHALL BE PLACED SUCH THAT SYMMETRICAL LOADING SHALL BE MAINTAINED ON BOTH SIDES.
(B) WHERE DESIGN CONDITIONS REQUIRE BACK FILLING EACH SIDE TO UNEQUAL HEIGHTS, WALLS SHALL BE FIRMLY SHORED IN POSITION, AND SHORES SHALL REMAIN UNTIL FLOORS ARE PLACED AND PROPERLY SET TO PROVIDE FULL SUPPORT.
(C) BACK FILLING AT CANTILEVER WALLS SHALL NOT BE STARTED UNTIL THE WALLS HAVE ATTAINED THEIR MINIMUM 28-DAY COMPRESSIVE STRENGTH.

26- (IF APPLICABLE FOR THIS PROJECT) CONSTRUCTION JOINTS IN FOUNDATION WALL SHALL BE PLACED AT MID SPAN BETWEEN COLUMNS. BEAMS, OR SLABS, UNLESS NOTED.

27- ALL PIPE PENETRATIONS THROUGH FOUNDATION WALLS SHALL HAVE PIPE SLEEVES PROVIDED, WHICH SHALL BE SET BEFORE CONCRETE IS PLACED. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZES AND LOCATIONS.

28- WALLS, WHERE DOOR OPENINGS OCCUR. BARS SHALL EXTEND 2'-0" BEYOND EDGE OF OPENING. (IF APPLICABLE FOR THIS PROJECT)

29- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ANY REQUIRED NEEDLING, SHORING, OR BRACING OF EXISTING STRUCTURES.

30- ANY CONDITIONS WHICH REQUIRE UNDERPINNING SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, WHO WILL PROVIDE DESIGN/CONS-TRUCTION DIRECTION TO THE CONTRACTOR.

31- FOUNDATION CONCRETE PADS SHALL INCLUDE SETTING OF COLUMN ANCHOR OR EXPANSIONS SUPPLIED BY THE STRUCTURAL STEEL CONTRACTOR.

32- ALL ELEVATIONS ARE GIVEN WITH RESPECT TO FINISH FIRST FLOOR DATUM ELEVATIONS (REF. EL. 0'-0")

33- IF BOTTOM OF ANY FOUNDATION IS NOT AT LEAST 3'-0" BELOW THE EXISTING GROUND ELEVATIONS THE CONTRACTOR SHALL NOTIFY ENGINEER AND / OR SOIL CONSULTANT.

34- FOR STRUCTURAL EXCAVATION AND BACK FILL REQUIREMENTS SEE SOILS REPORT #5089-B DATED ON JANUARY 18 2022 MENTIONED IN NOTE NO. 16. (DOES NOT APPLY FOR THIS PROJECT)

35- SOIL WILL BE TREATED FOR TERMITES & INSECTS PRIOR TO CONCRETE POUR.

36- GENERAL CONTRACTOR SHALL BEWARE TO HAVE AT LEAST 2,000 PSF BEARING CAPACITY. PRESENCE OF A LICENSED GEOTECHNICAL ENGINEER IS RECOMMENDED DURING EARTHWORKS BEFORE TO POUR CONCRETE FOOTING. SOIL STUDY PREPARED BY LAW ENVIRONMENTAL CARIBE PROJECT # 20905-0-0043.

STRUCTURAL STEEL:

1- STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
STEEL TUBES ..... ASTM 500, GRADE B, Fy = 46 KSI
W SHAPES ..... ASTM 572, GRADE 50, Fy = 50 KSI
ANY OTHER MISCELLANEOUS STRUCTURAL STEEL ..... ASTM A36, Fy = 36 KSI

2- CONTRACTOR SHALL SUPPLY, ASSEMBLY AND CONSTRUCT ALL STEEL ELEMENTS CALLED FOR IN THE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL ALSO SUBMIT FOR APPROVAL SHOP DRAWINGS OF ALL STRUCTURAL STEEL, JOINT PLATES, INSERTS AND FITTINGS BEFORE ORDERING IT.

3- THE REVIEW OF SHOP DRAWINGS BY THE ENGINEER SHALL IN NO CASE RELIEVE CONTRACTOR OF RESPONSIBILITIES FOR ERRORS, OMISSIONS, FURNISHINGS OF UNSUITABLE MATERIALS AND TIME DELAYS ARISING DIRECTLY FROM A DIVERTION FROM PLANS AND SPECIFICATIONS BROUGHT BY THE CONTRACTOR IN THE SHOP DRAWINGS.

4- WELDED SPLICES OF STRUCTURAL SECTIONS MAY BE PERMITTED IF APPROVED BY ENGINEER, CONTRACTOR SHALL OBTAIN THE SECTIONS IN LENGTHS THAT WOULD MINIMIZE THE NUMBER OF SPLICES.

5- ALL WELD WORKS SHALL BE PERFORMED BY SKILLED AND PROPERLY CERTIFIED WELDER, BEARING THE PUERTO RICO WELDER BOARD LICENSE.

6- CONNECTIONS, WHEN NOT SHOWN ON PLANS, SHALL BE DESIGNED TO TRANSMIT THE MAXIMUM STRESS ALLOWED FOR THE CONNECTED MEMBERS.

7- THE ERECTION OF STRUCTURAL STEEL ELEMENTS SHALL STRICTLY FOLLOW SECTION 7 OF THE AISC "CODE OF STANDARD PRACTICE".

8- DIMENSIONS OF STRUCTURAL STEEL ELEMENTS SHALL BE WITHIN THE DIMENSIONAL TOLERANCES SET FOR FORTH IN SECTION 6 OF THE CODE OF STANDARD PRACTICE OF THE AISC MANUAL OF STEEL CONSTRUCTION.

9- NO LOADS SHALL BE PLACED OVER ANY STEEL STRUCTURE UNTIL ALL STUDS, PURLINS, BEAMS, STEEL JOIST AND COLUMNS ARE PROPERLY BRACED.

10- ENGINEERED COATING AND PAINTING FOR STEEL TOWERS, SEE PAINT SPECIFICATIONS PREPARED BY ARCHITECT OF RECORD CONSULTANT (FLORIDA PROTECTIVE CONSULTANTS INC.)

11- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION 14th EDITION AND IBC CODE, LATEST.

12- MATERIAL SHALL MEET THE REQUIREMENTS OF THE FOLLOWING (UNO):
ALL STRUCTURAL STEEL SHALL BE U.S. MADE
STRUCTURAL STEEL - STRUCTURAL SHAPES A 572-GRADE 50.
HIGH STRENGTH BOLTS - 3/4" DIA. MIN. ASTM A325N
WELDING - E70XX ELECTRODES PER AWS D1.1 SPECS
STEEL PLATES- ASTM A-36.

13- ALL SHOP CONNECTIONS SHALL BE MADE WITH WELDS OR HIGH STRENGTH BOLTS. ALL FIELD CONNECTIONS SHALL BE BOLTED. STANDARD FRAMED CONNECTIONS SHALL BE USED AS SHOWN IN TABLE II PART 4 OF AISC MANUAL OF STEEL CONSTRUCTION (UNO) ALL BEAMS SHALL RECEIVE MAXIMUM NUMBER OF ROWS OF BOLTS FOR BEAM DEPTH.

14- ALL WELDING SHALL CONFORM TO THE CURRENT SPECIFICATIONS OF THE AMERICAN WELDING SOCIETY, AND SHALL COMPLY WITH ALL LOCAL LAWS AND ORDINANCES. WELDING ELECTRODES SHALL BE E-70 SERIES.

15- CONNECTIONS:
(A) ALL CONNECTIONS SHALL BE FRAMED BEAM CONNECTION CONFORMING TO THE REQUIREMENTS OF PART 4 OF THE AISC MANUAL, TABLE II & III UNLESS OTHERWISE NOTED.
(B) ALL BOLTED CONNECTIONS SHALL BE MADE WITHHIGH STRENGTH BOLTS. UNLESS OTHERWISE NOTED, CONNECTIONS SHALL BE "BEARING TYPE" WITH ALLOWABLE STRESS ON BOLTS BASED ON THREADS INCLUDED IN THE SHEAR PLANE.
(C) ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO PROVIDE AT LEAST THE MINIMUM TENSION SHOWN IN TABLE 3, FASTENER TENSION, OF THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325, UNLESS NOTED.
(D) SEATED CONNECTIONS WILL NOT BE PERMITTED UNLESS SHOWN ON THE DRAWINGS.

16- THE CONTRACTOR SHALL SUPPLY ALL TEMPORARY BRACING REQUIRED TO MAINTAIN PLUMBNESS AND STABILITY DURING ERECTION. BRACING SHALL NOT BE REMOVED UNTIL ALL PERMANENT BRACING HAS BEEN INSTALLED, ALL WELDING HAS BEEN COMPLETED, ALL BOLTS HAVE BEEN PROPERLY TIGHTENED, AND TOP SUPPORTING ROOF DECK AND CONCRETE FLOOR SLAB HAVE BEEN PROPERLY PLACED.

17- NO OPENINGS SHALL BE CUT IN STRUCTURAL MEMBERS UNLESS SHOWN ON THE DRAWINGS, OR APPROVAL IS RECEIVED FORM THE ENGINEER.

18- ALL ELEVATIONS ARE GIVEN WITH RESPECT TO FINISH FIRST FLOOR DATUM ELEVATION: (REF. ELEV. 0'-0")

19- PROVISIONS FOR DETAILS NOT SPECIFICALLY DRAWN SHALL BE MADE BY THE CONTRACTOR IN ACCORDANCE AISC SPECIFICATIONS AND CLARIFIED WITH THE DESIGNER.

20- MINIMUM METAL THICKNESS FOR ALL CONNECTIONS, STIFFENER PLATES ETC., SHALL BE 3/8".

21- WORKING POINTS FOR VERTICAL BRACING SHALL BE AT INTERSECTION OF CENTERLINE OF COLUMN AND CENTERLINE OF BEAMS (U.N.O.) ON DWGS.

22- STAIRWAY AND PLATFORMS SHALL COMPLY WITH THE DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH STANDARDS AND ALL APPLICABLE LOCAL AND STATE CODES.

23- GRATING WHEN APPLICABLE, SHALL BE ALL WELDED OPEN CONSTRUCTION, WITH 1 1/4" x 3/16" BEARING BARS ON 1 3/16" O.C. (U.N.O.). GRATING SHALL BE SECURED TO SUPPORTING MEMBERS WITH SADDLE CLIPS, PROVIDE 2" CLEARANCE AROUND ALL EQUIPMENT, TANKS, ETC., THAT PENETRATE GRATING FLOORS. BAND ALL GRATING OPENINGS 8" AND LARGER WITH 1/4" x 5 1/4" PLATE WELDED TO GRATING AND EXTENDING 4" ABOVE TOP SURFACE OF GRATING.

24- HANDRAILS SHALL BE STAINLESS STEEL UNLESS OTHERWISE SPECIFIED 1 1/2" NOMINAL DIA. STANDARD STAINLESS STEEL PIPE, REFER TO DETAILS IN ARCHITECTURAL DRAWINGS. (DOES NOT APPLY FOR THIS PROJECT)

25- GROUT SHALL BE NON-SHRINK, NON-METALLIC, SIKA GROUT BY SIKA CORP OR APPROVED FOR PURPOSE REQUESTED. A/E SHALL APPROVE TYPE PRIOR TO USE.

26- FLOOR PLATE SHALL BE 3/8" CKD PLATE, PAINTED AND SHALL BE ATTACHED TO SUPPORTING STEEL BY 3/16" FILLET WELDS 1 1/2" AT 12" O.C. GAP BETWEEN PLATES SHALL NOT EXCEED 1/4" ALL JOINTS OUTSIDE STRUCTURAL SUPPORTS SHALL HAVE BACKING PLATES.

27- STEEL STUDS SHALL BE INSTALLED WITH AUTOMATIC STUD WELDING MACHINE.

28- WIND LOAD:
a) BASIC WIND VELOCITY - 159 MPH AS PER PUERTO RICO BUILDING CODE 2018
b) EXPOSURE CATEGORY - "C"
c) RISK CATEGORY II
c) WIND DIRECTIONALITY FACTOR Kd - 0.9
d) TOPOGRAPHIC FACTOR Kzt - 1.0

SEISMIC LOADS:
SHORT PERIOD ACCELERATION COEF (Ss)=0.985(g)
1-SECOND PERIOD ACCELERATION COEF (S1)=0.385(g)
RISK CATEGORY=II
SOIL PROFILE="D"

29- GENERAL CONTRACTOR SHALL SUBMIT WELDORS CERTIFICATIONS FOR STEEL WELDING AND ALUMINUM WELDING WORKS.

30- METAL FABRICATOR CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL. ARCHITECT OF RECORD MAY REQUIRE MUCK-UP OR SAMPLES OF FINAL FINISH OF PLATES ATTACHED TO STEEL TOWERS BEFORE TO START SKIN INSTALLATION.

CODES:

AMERICAN CONCRETE INSTITUTE, ACI 318 - LATEST EDITION
AMERICAN INSTITUTE OF STEEL CONSTRUCTION, LRFD LATEST EDITION.
PUERTO RICO BUILDING CODE - 2018

ABBREVIATIONS:

ADD ..... ADDITIONAL
B ..... BOTTOM
E.W. ..... EACH WAYS
C.C ..... CENTER TO CENTER
CL ..... CLEAR
COL ..... COLUMN
CONC ..... CONCRETE
CONST ... CONSTRUCTION
CONT ..... CONTINUOUS
C.S ..... CARBON STEEL
DTL ..... DETAIL
DWG ..... DRAWING
EA ..... EACH
E.E ..... EACH END
ELEV .... ELEVATION
F.B.E ..... FOOTING BOTTOM ELEVATION
F.F.E ..... FINISH FLOOR ELEVATION
FT ..... FEET
GALV ..... GALVANIZED
LG ..... LONG
L.L ..... LOWER LAYER
MAX ..... MAXIMUM
MECH ..... MECHANICAL
MIN ..... MINIMUM
REINF ..... REINFORCEMENT
SPECS ..... SPECIFICATIONS
S.S ..... STAINLESS STEEL
STD ..... STANDARD
STL ..... STEEL
SUP ..... SUPPLEMENTARY
T ..... TOP
TYP ..... TYPICAL
U.N.O ..... UNLESS NOTED OTHERWISE

OCT-30-2023

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
STRUCTURAL NOTES

COMPUTER PLOT
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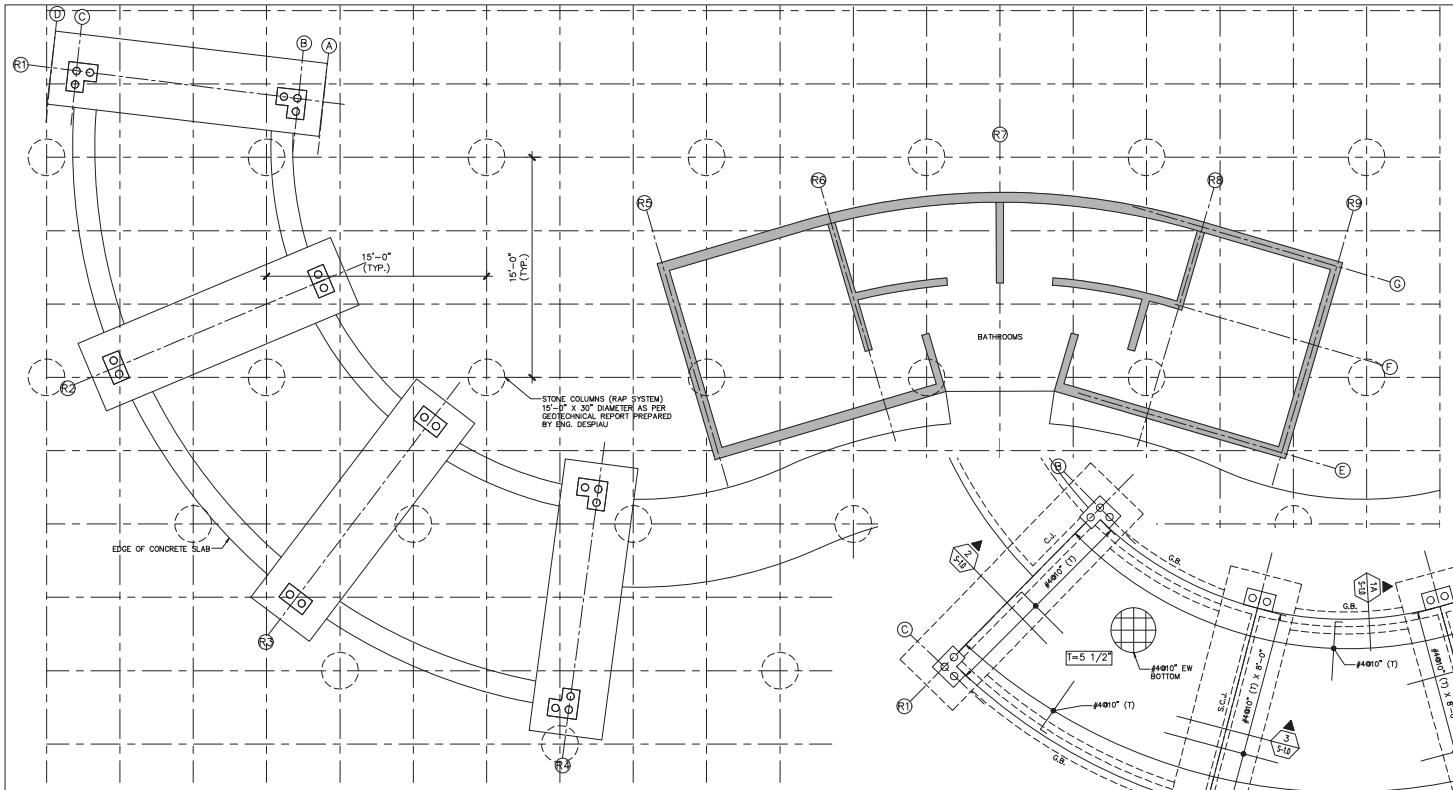
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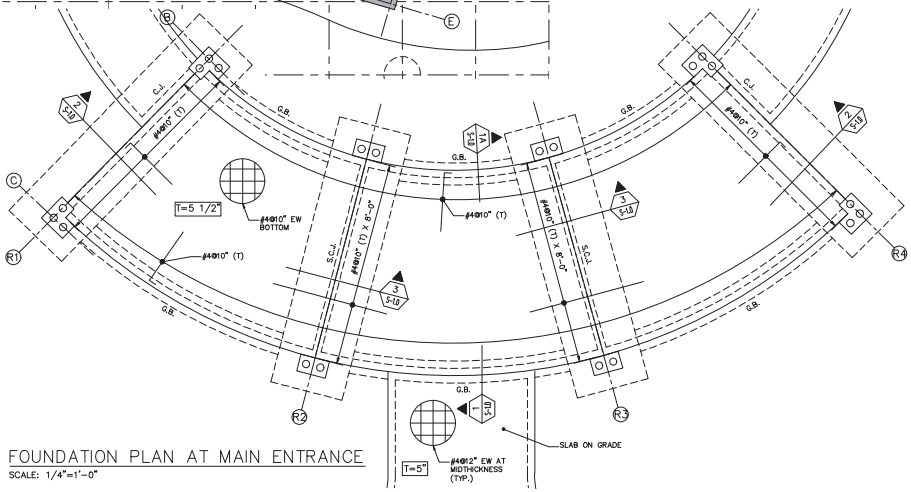
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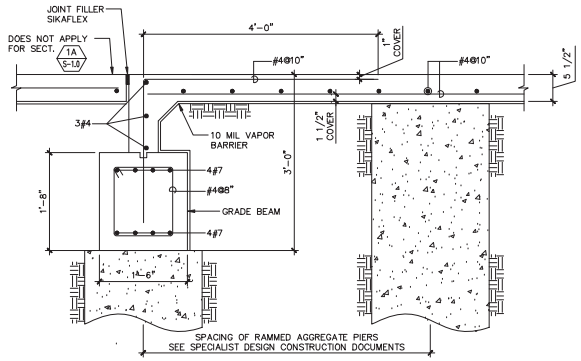
RAMMED AGGREGATE PIERS LAYOUT & PARTIAL FOUNDATION PLAN AT MAIN ENTRANCE AND BATHROOMS

SCALE: 1/4"=1'-0"



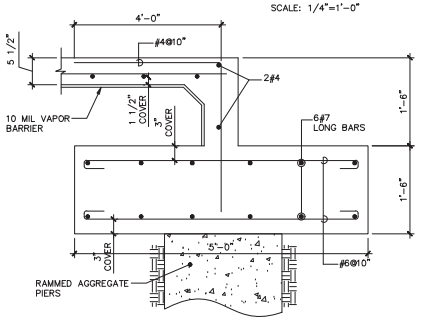
FOUNDATION PLAN AT MAIN ENTRANCE

SCALE: 1/4"=1'-0"



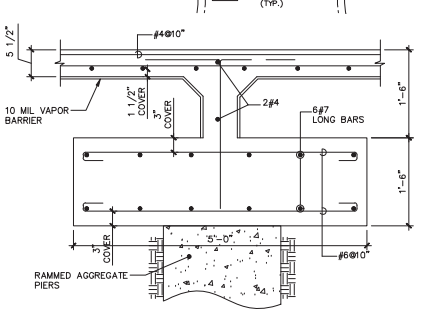
SECTION 1 1A

SCALE: 1"=1'-0"



SECTION 2

SCALE: 1"=1'-0"



SECTION 3

SCALE: 1"=1'-0"

OCT-30-2023

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FOUNDATION PLAN AND DETAILS

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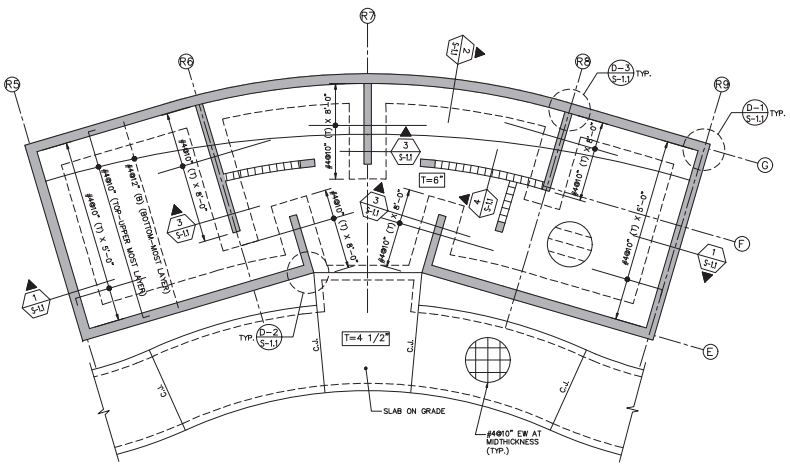
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PROJECT

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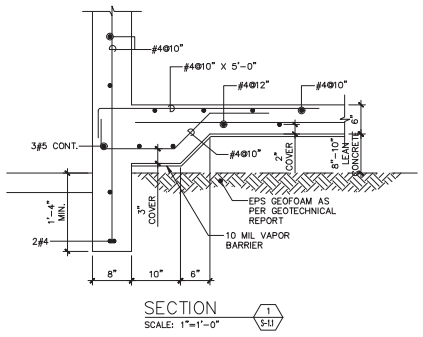
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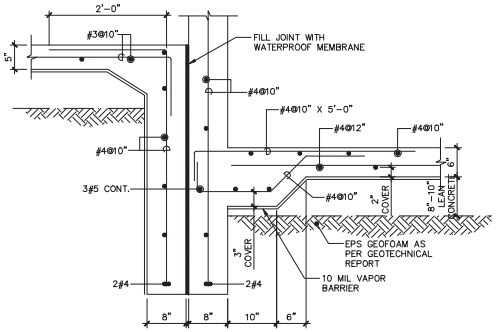
BATHROOMS FOUNDATION PLAN

SCALE: 1/4"=1'-0"



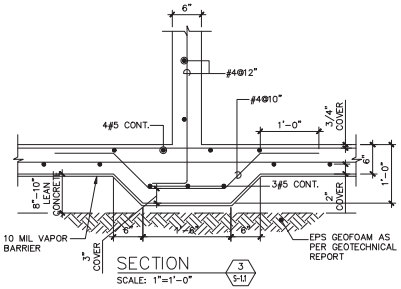
SECTION 1 S-1.1

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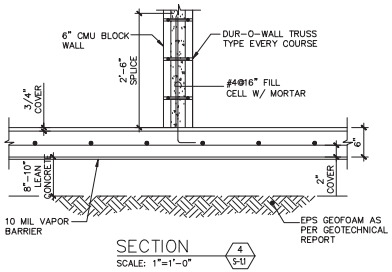
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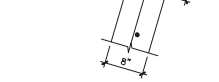
SECTION 3 S-1.1

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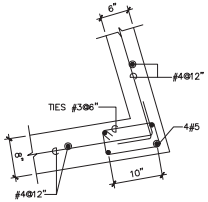
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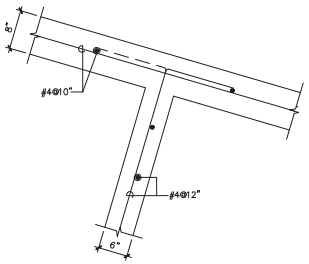
CORNER WALL REINFORCEMENT DETAIL D-1 S-1.1

SCALE: 1"=1'-0"



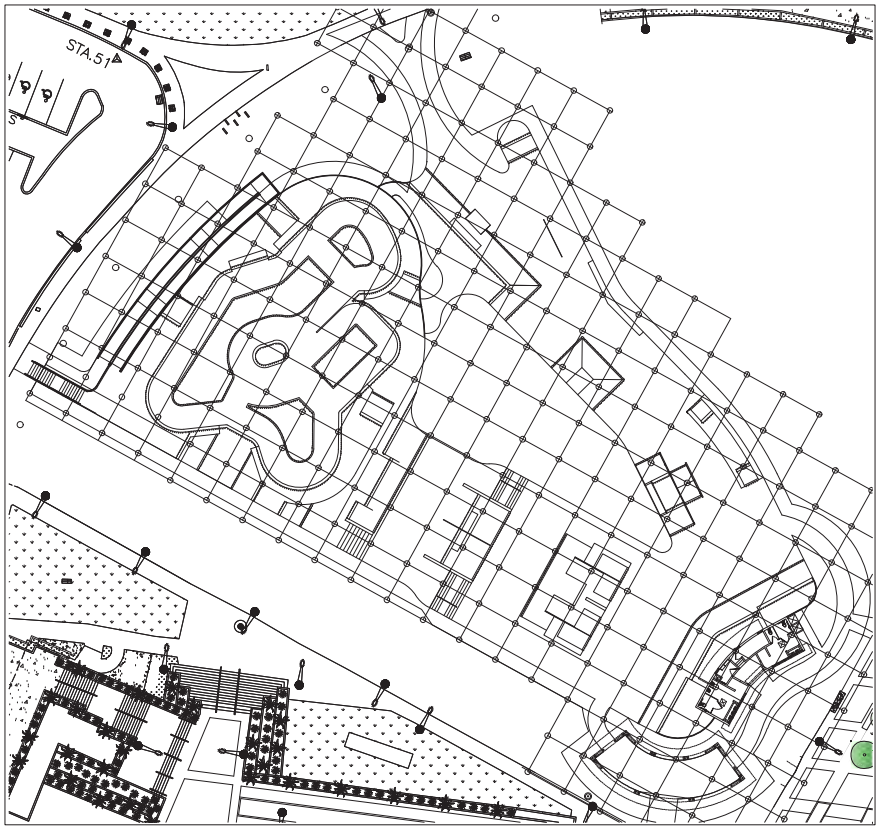
DETAIL D-2 S-1.1

SCALE: 1"=1'-0"



DETAIL D-3 S-1.1

SCALE: 1"=1'-0"



RAMMED AGGREGATE PIERS PLAN

SCALE: 3/64" = 1'-0"

FOR RAMMED AGGREGATE PIERS INFORMATION SEE SECTION 023010 SUBSURFACE & GEOTECHNICAL EXPLORATION , ON TECH SPECS.

OCT-30-2023

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

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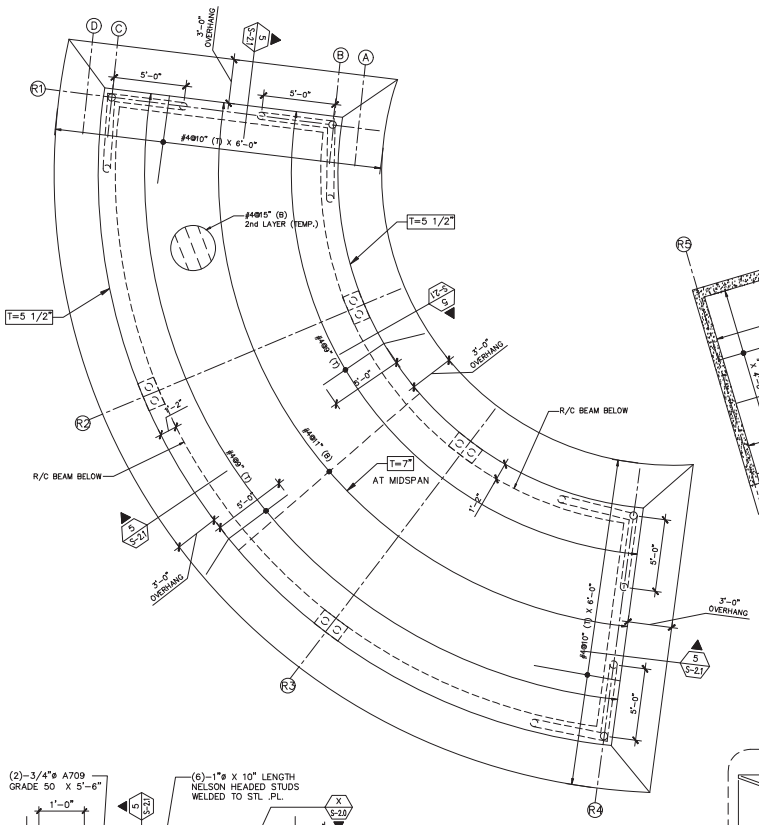
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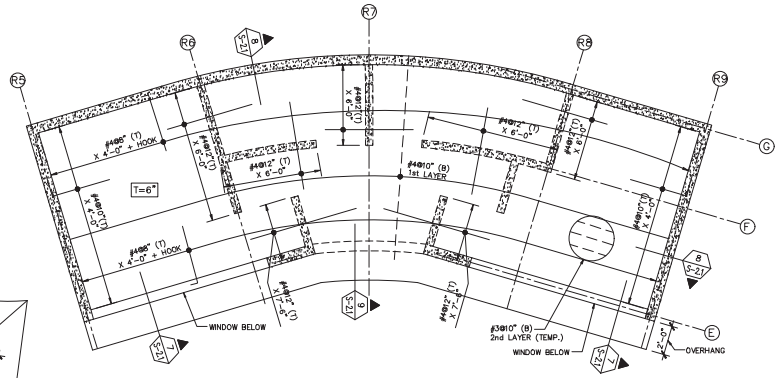
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 46

TOTAL 83

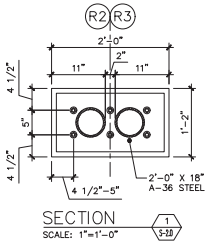
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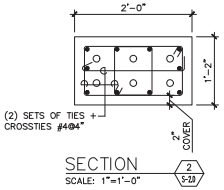
ROOF STRUCTURAL PLAN MAIN ENTRANCE AND BATHROOMS

SCALE: 1/4"=1'-0"



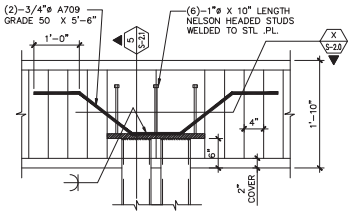
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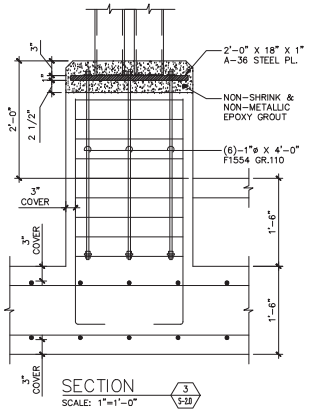
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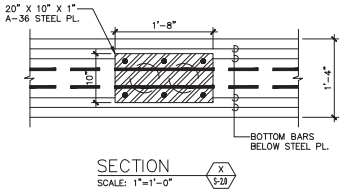
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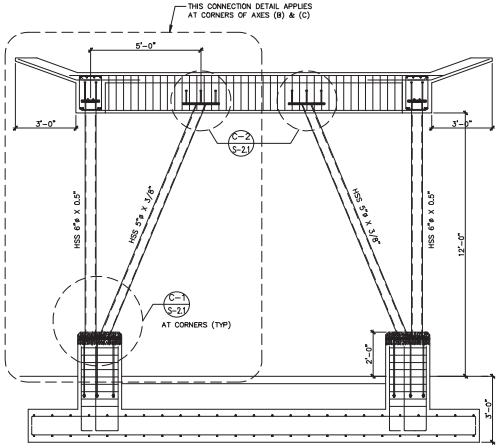
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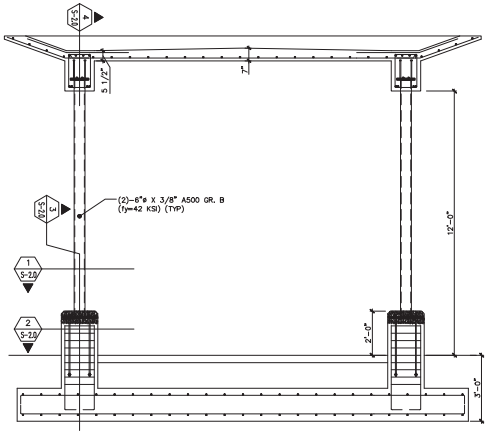
SECTION

SCALE: 1"=1'-0"



FRAME ELEVATION FOR AXES (R1) & (R4)

SCALE: 3/8"=1'-0"



FRAME ELEVATION FOR INTERIOR AXES (R2) & (R3)

SCALE: 3/8"=1'-0"

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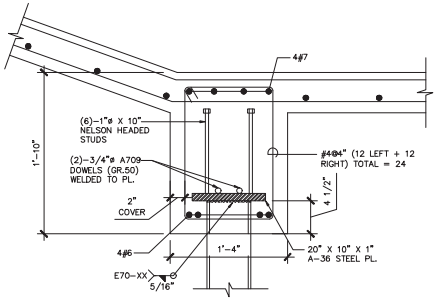
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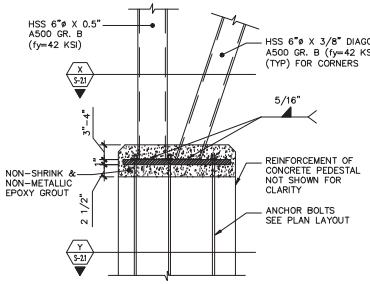
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L.D.D. L.D.D.

NUMBER	TOTAL
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DRAWING NUMBER
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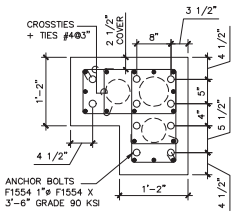


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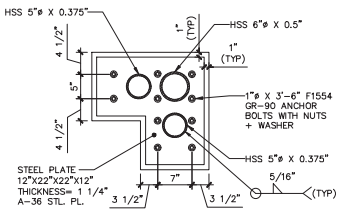
CONNECTION MKD' AS (C–1)

SECTION
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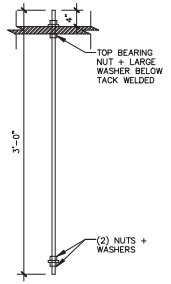
CORNER CONCRETE PEDESTAL

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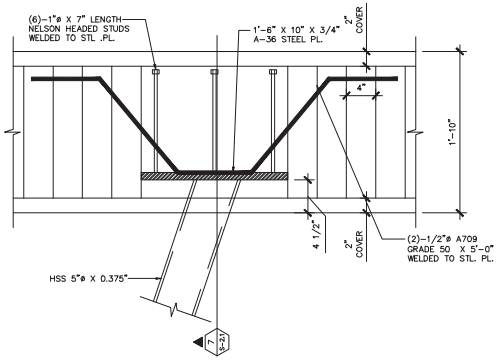


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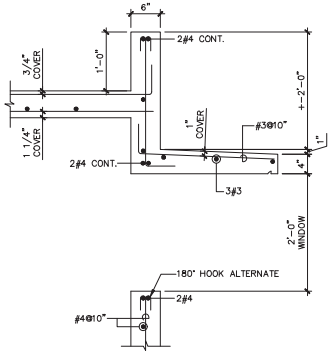
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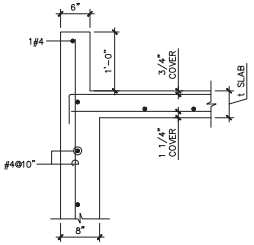
ANCHOR BOLT DETAIL
SCALE: 1 1/2"=1'–0"



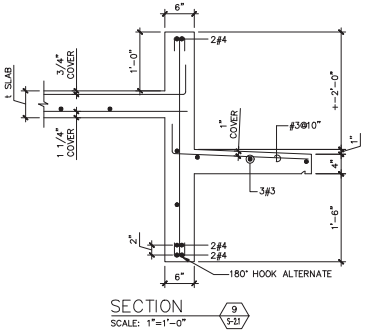
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SCALE: 1 1/2"=1'–0"



SECTION
SCALE: 1"=1'–0"



SECTION
SCALE: 1"=1'–0"



SECTION
SCALE: 1"=1'–0"

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ROOF STRUCTURAL DETAILS

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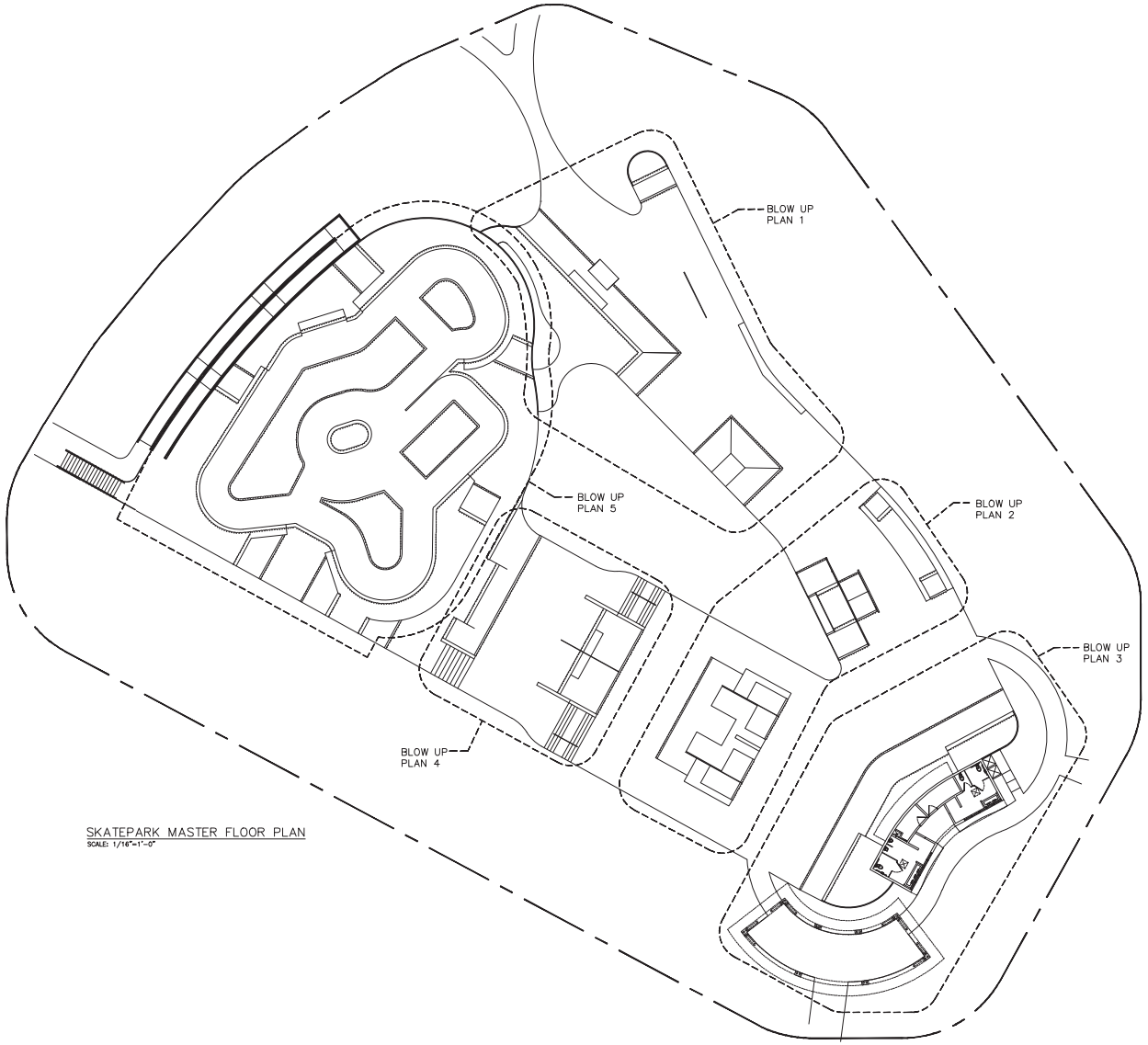
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
48	83

DRAWING NUMBER
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SKATEPARK MASTER FLOOR PLAN
SCALE: 1/16"=1'-0"

OCT-30-2023

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YO, LUIS DAZA DUARTE, LICENCIA #5,870 E CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ O ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS ORDENANZAS APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION Y ESTAN EN CONFORMIDAD CON CODIGO DE CONSTRUCCION DE PUERTO RICO 2018" VIGENTE AL 8 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMAS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA " LEY PARA LA INVERSIÓN EN LA INDUSTRIA FUERTORIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1931, SEGUN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y ADMINISTRATIVA POR LA OGPE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATEPARK MASTER FLOOR PLAN

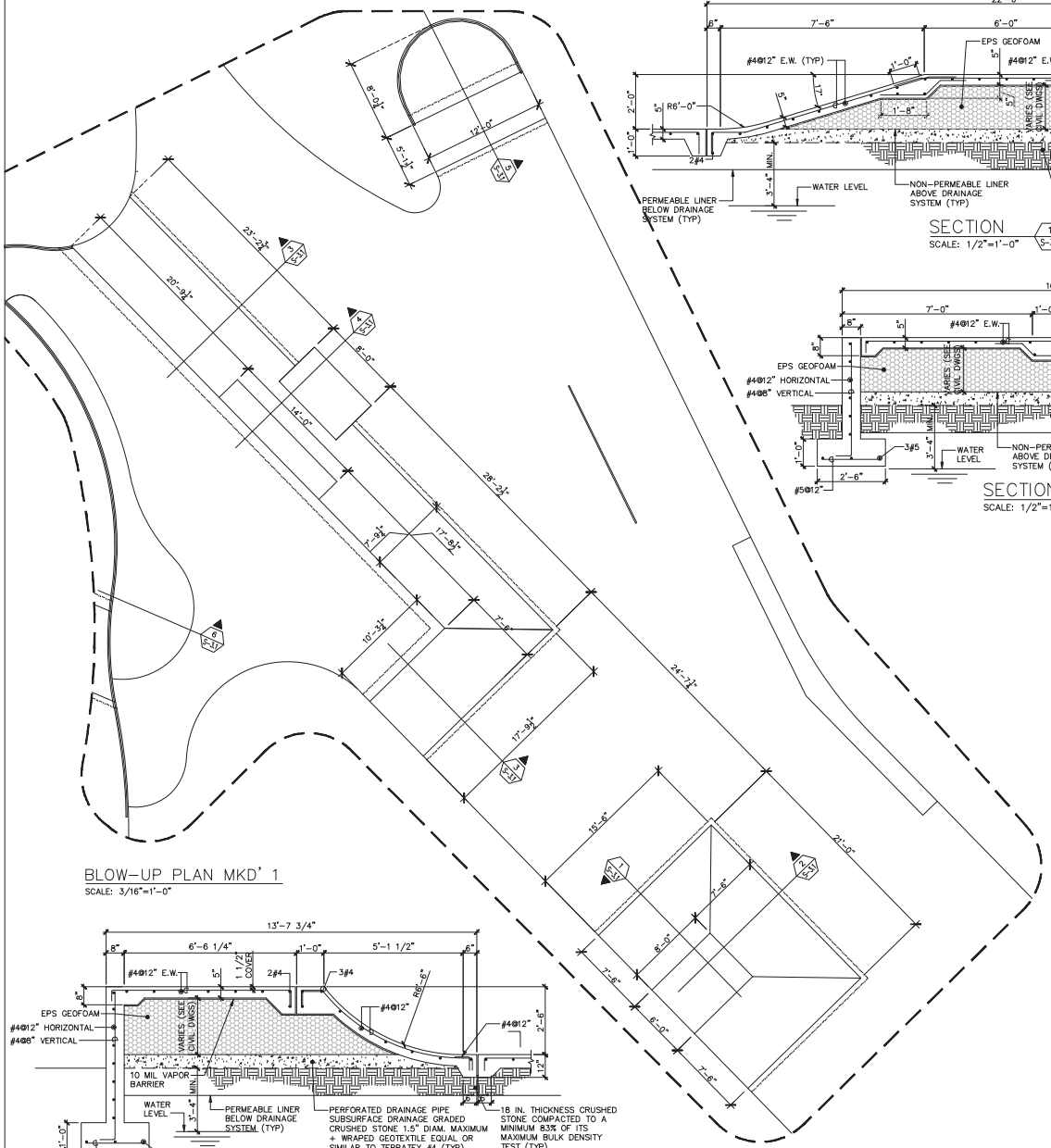
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NO.	DATE	REVISION	BY	APPROVED

PROJECT	
DRAWING BY/CHECKED BY	
L.D.D.	L.D.D.

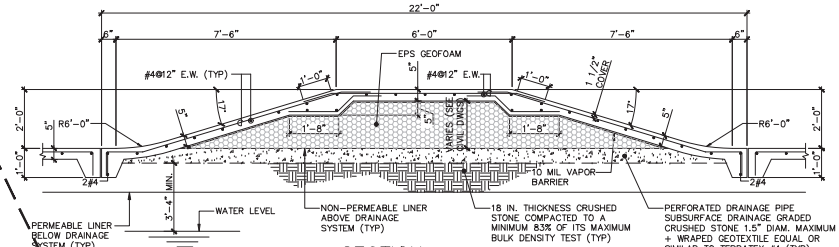
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DRAWING NUMBER
S-3.0



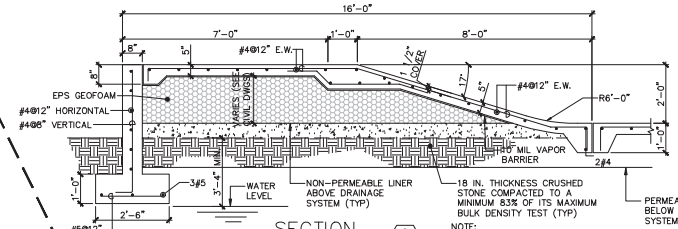
BLOW-UP PLAN MKD' 1

SCALE: 3/16"=1'-0"



SECTION 1 S-3.1

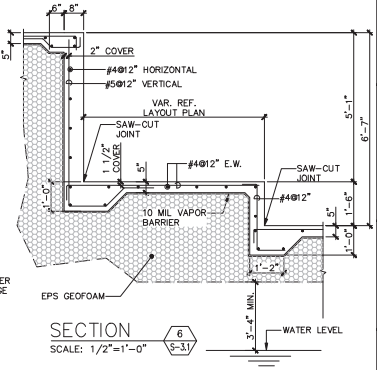
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SECTION 2 S-3.1

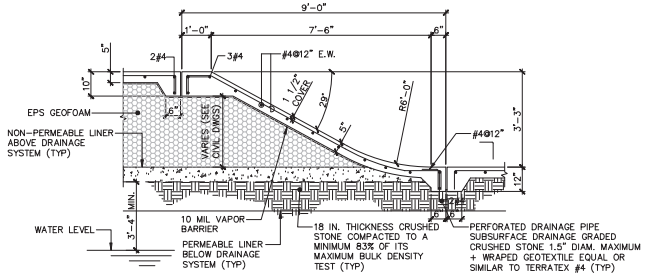
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NOTE:
EPS GEOFOAM FILL SHALL BE INSTALLED ABOVE WATER TABLE LEVEL AT LEAST 1 METER (3'-4") (TYPICAL)



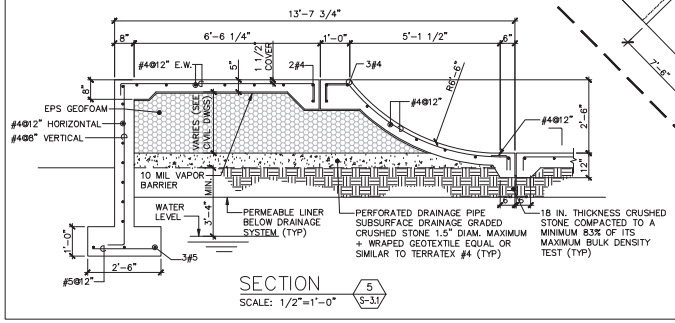
SECTION 6 S-3.1

SCALE: 1/2"=1'-0"



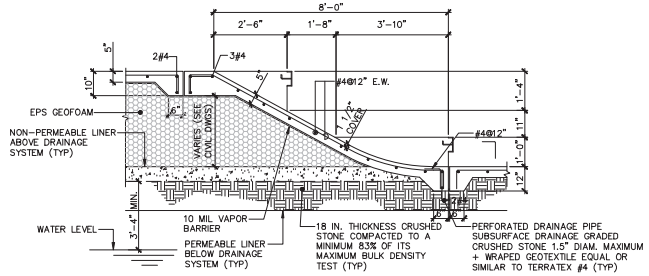
SECTION 3 S-3.1

SCALE: 1/2"=1'-0"



SECTION 5 S-3.1

SCALE: 1/2"=1'-0"



SECTION 4 S-3.1

SCALE: 1/2"=1'-0"

OCT-30-2023

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 1

COMPUTER PLOT
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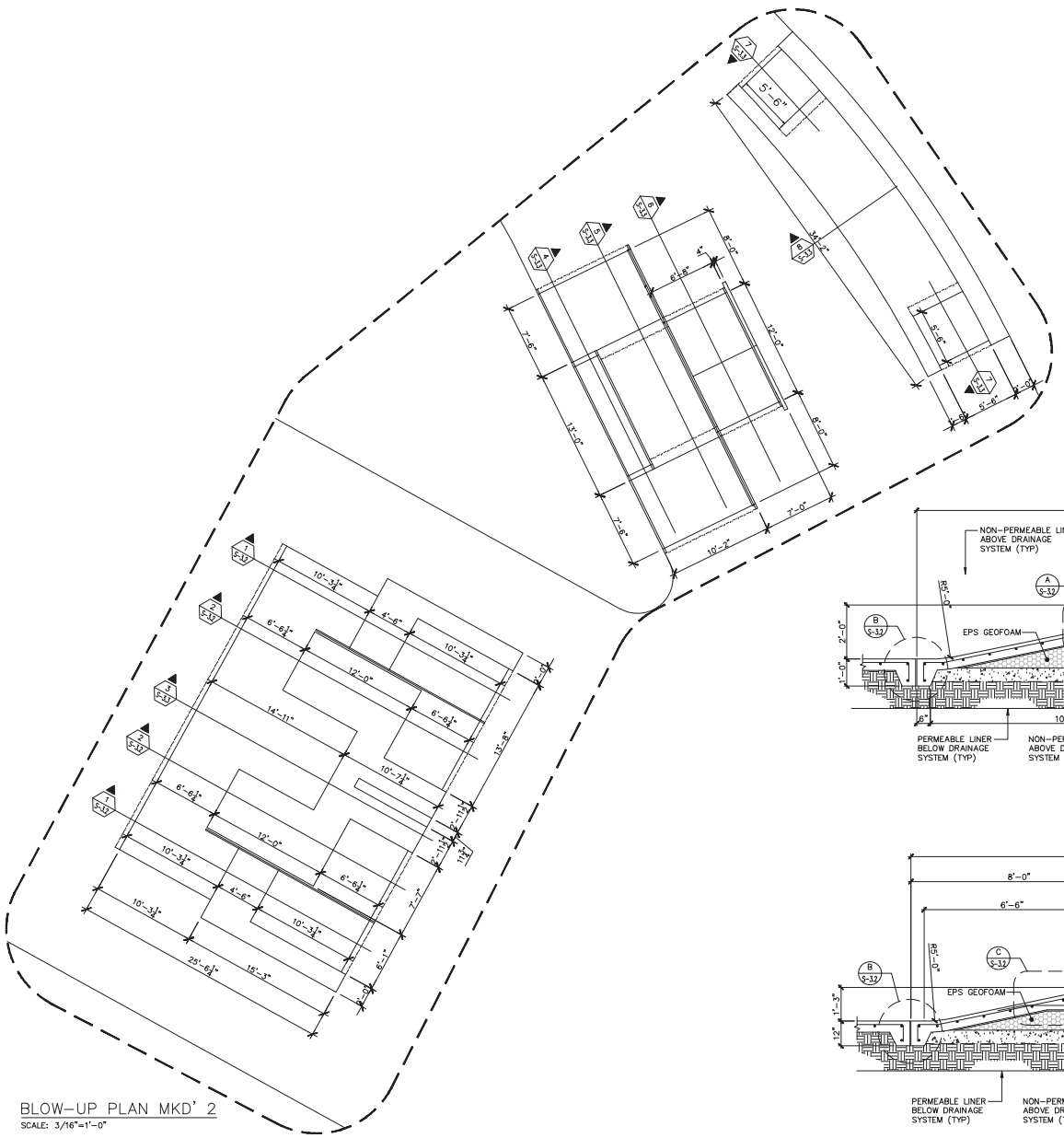
NO.	DATE	REVISION	BY	APPROVED

PROJECT

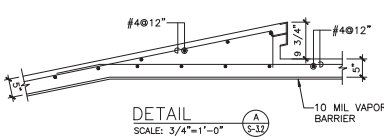
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 50 TOTAL 83

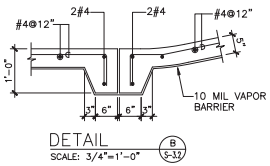
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S-3.1



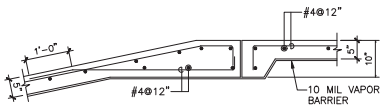
BLOW-UP PLAN MKD' 2
SCALE: 3/16"=1'-0"



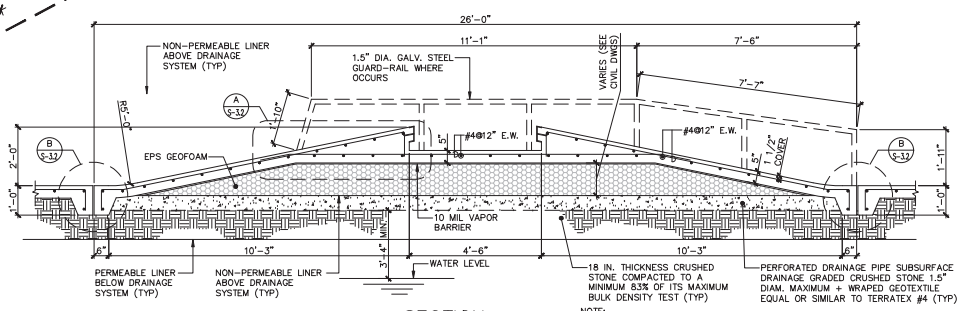
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DETAIL B S-3.2
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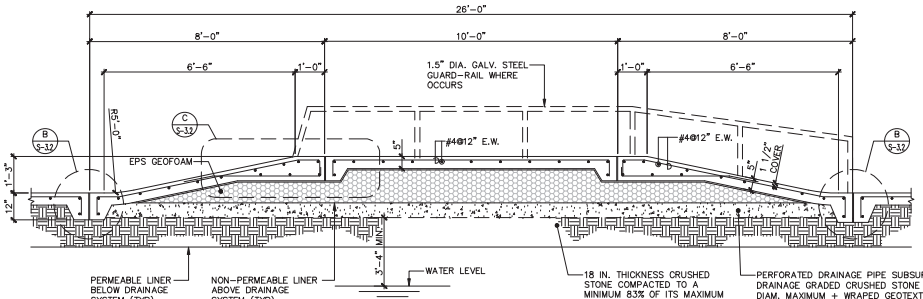


DETAIL C S-3.2
SCALE: 3/4"=1'-0"



SECTION 1 S-3.2
SCALE: 1/2"=1'-0"

NOTE:
EPS GEOFOAM FILL SHALL BE INSTALLED ABOVE WATER TABLE LEVEL AT LEAST 1 METER (3'-4") (TYPICAL)



SECTION 2 S-3.2
SCALE: 1/2"=1'-0"

OCT-30-2023

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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 2

COMPUTER PLOT
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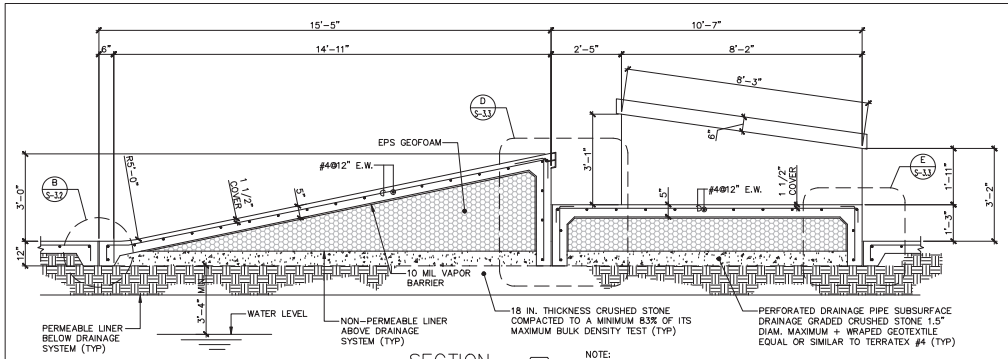
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

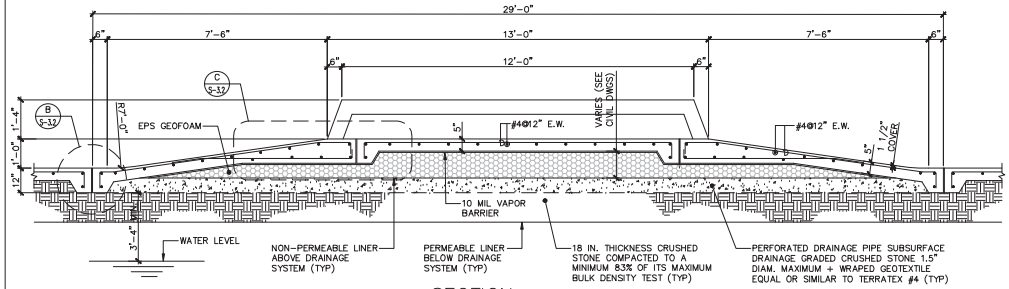
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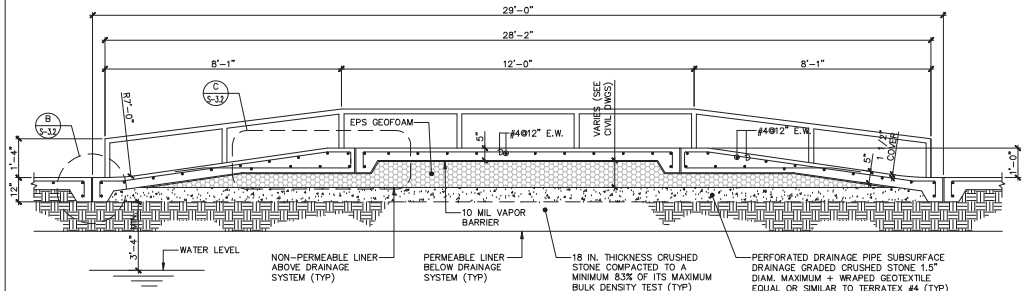


SECTION
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3 S-3.3

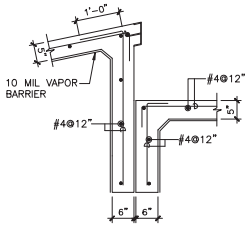
NOTE:
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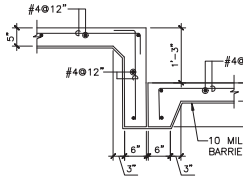
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4 S-3.3



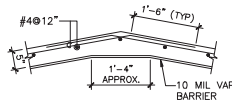
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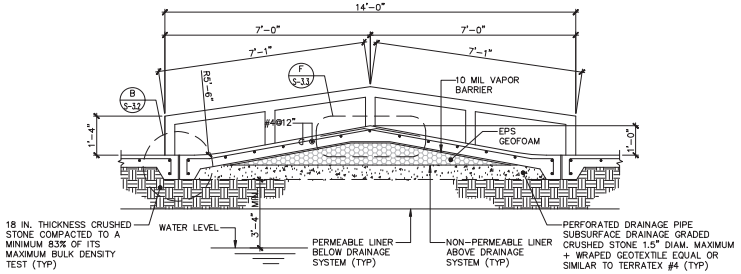
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D S-3.3



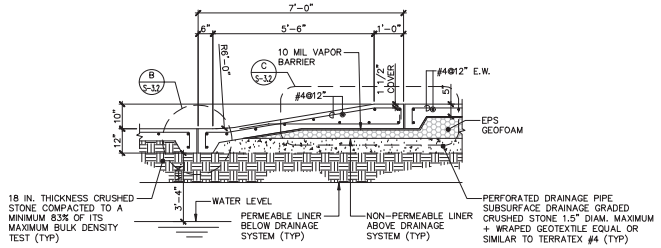
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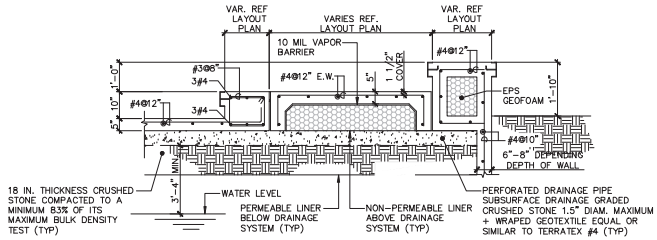
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F S-3.3



SECTION
SCALE: 1/2"=1'-0"
6 S-3.3



SECTION
SCALE: 1/2"=1'-0"
7 S-3.3



SECTION
SCALE: 1/2"=1'-0"
8 S-3.3

OCT-30-2023

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 2

COMPUTER PLOT
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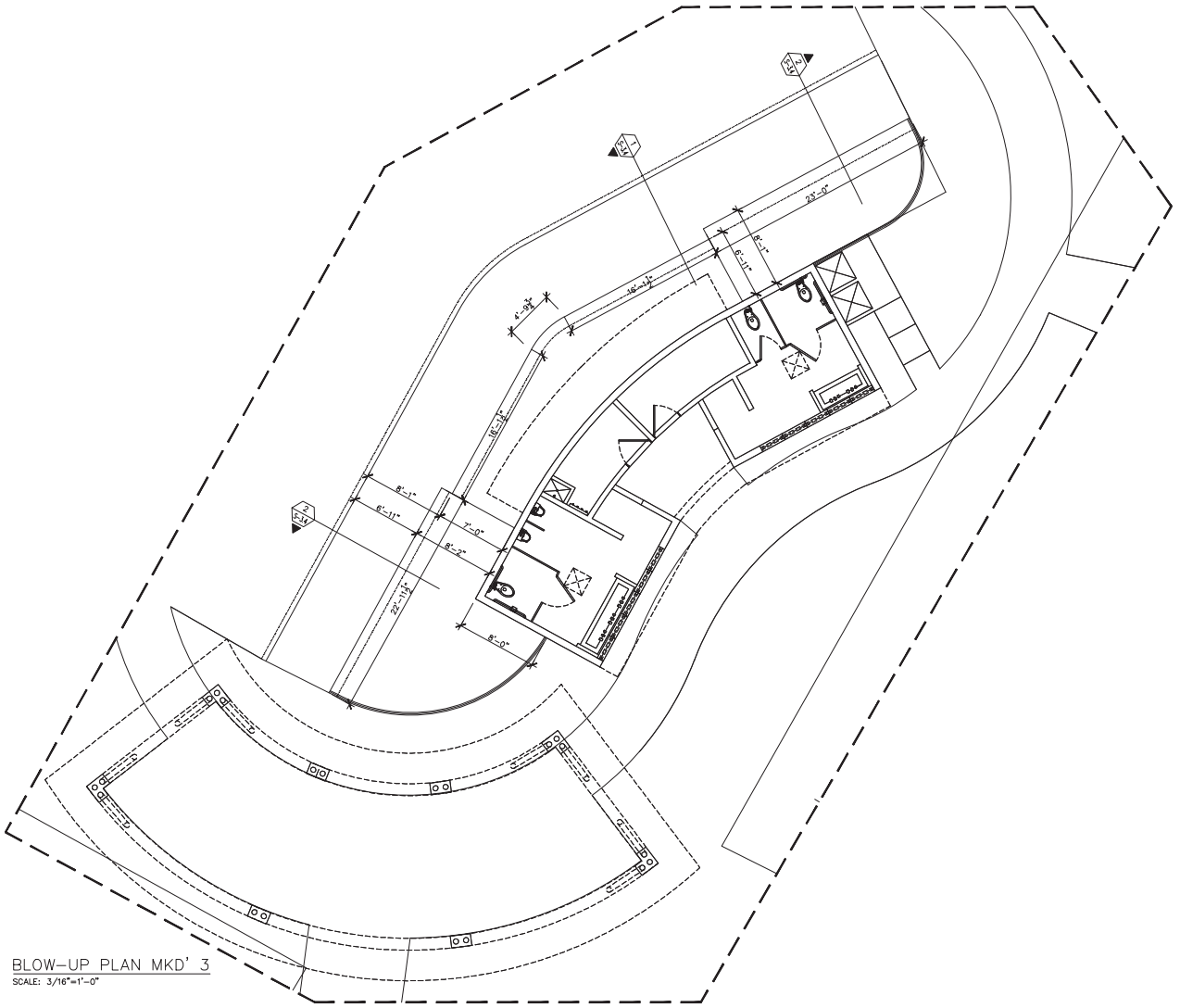
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

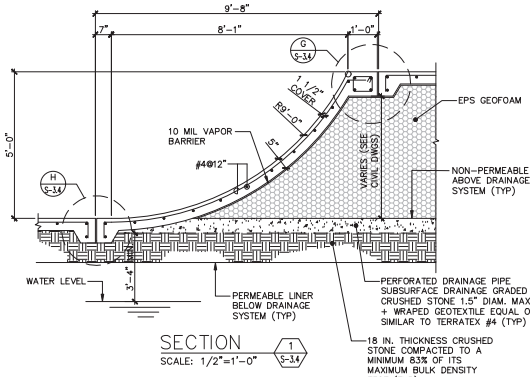
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TOTAL 83

DRAWING NUMBER
S-3.3



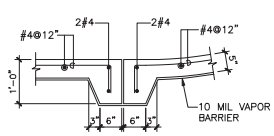
BLOW-UP PLAN MKD' 3

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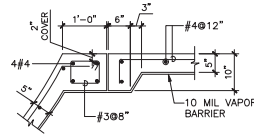
SECTION (1 S-3.4)

SCALE: 1/2"=1'-0"



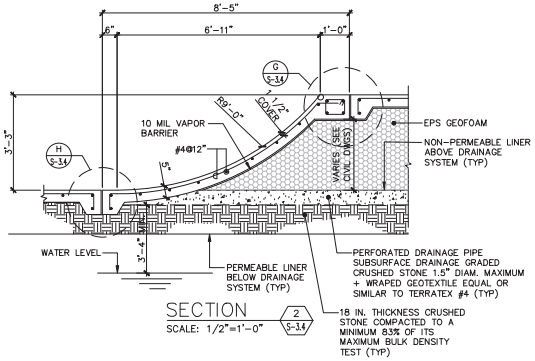
DETAIL (H S-3.4)

SCALE: 3/4"=1'-0"



DETAIL (G S-3.4)

SCALE: 3/4"=1'-0"



SECTION (2 S-3.4)

SCALE: 1/2"=1'-0"

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 3

COMPUTER PLOT
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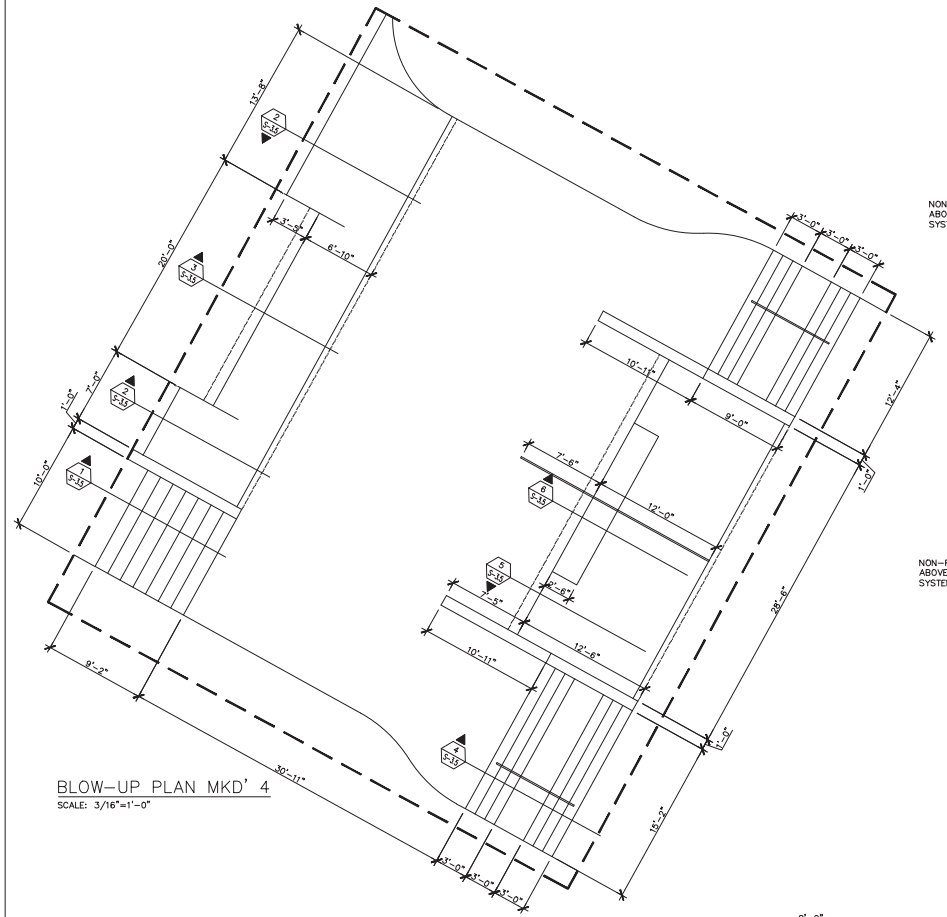
NO.	DATE	REVISION	BY	APPROVED

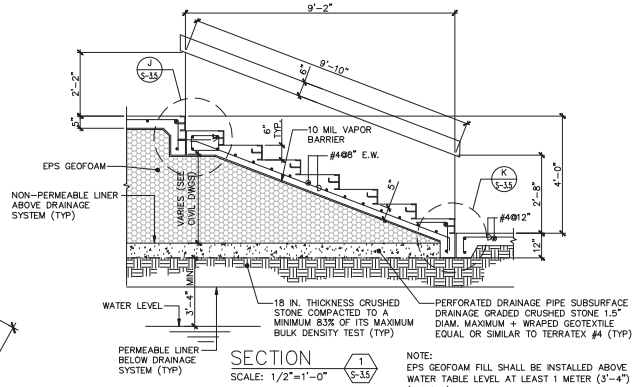
PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

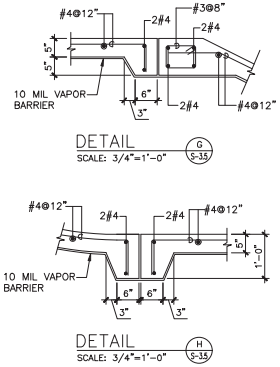
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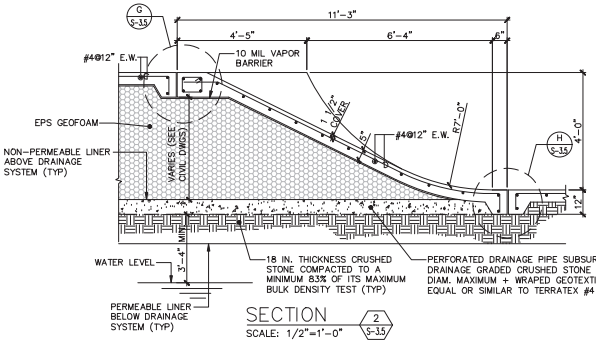
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S-3.4

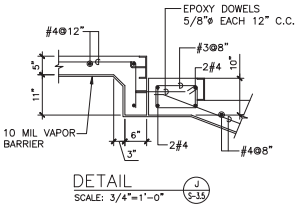


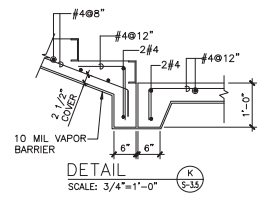


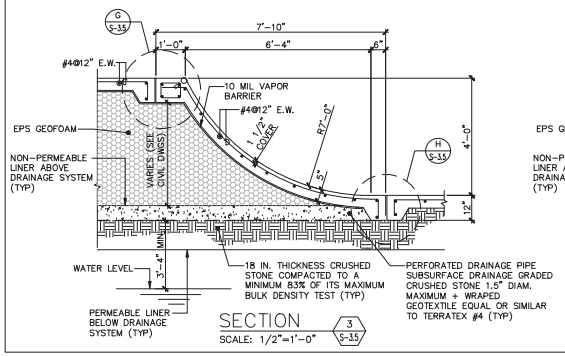
NOTE:
EPS GEOFOAM FILL SHALL BE INSTALLED ABOVE WATER TABLE LEVEL AT LEAST 1 METER (3'-4") (TYPICAL)

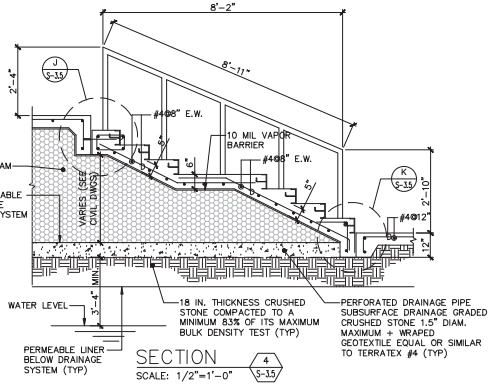


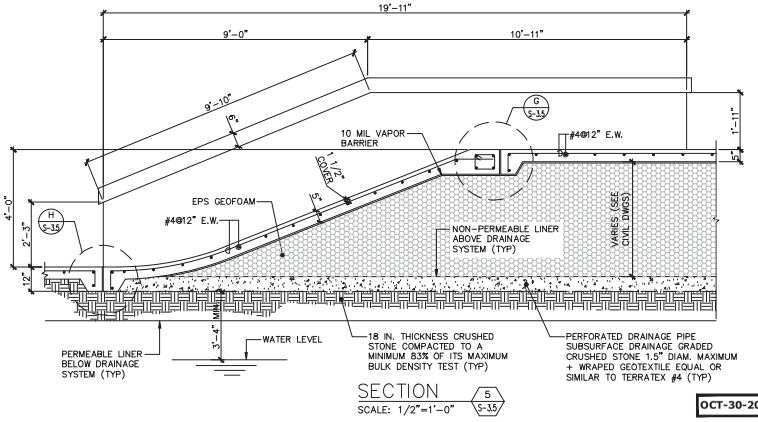












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CLIENT

MANAGER
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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 4

COMPUTER PLOT
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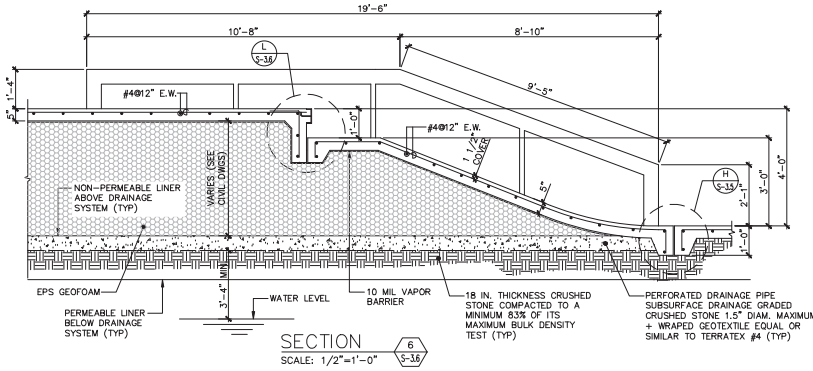
NO.	DATE	REVISION	BY	APPROVED

PROJECT

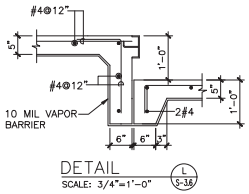
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 54 TOTAL 83

DRAWING NUMBER
S-3.5



SECTION
SCALE: 1/2"=1'-0"
6
S-3.6



DETAIL
SCALE: 3/4"=1'-0"
L
S-3.6

OCT-30-2023

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CLIENT

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OWNER
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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 4

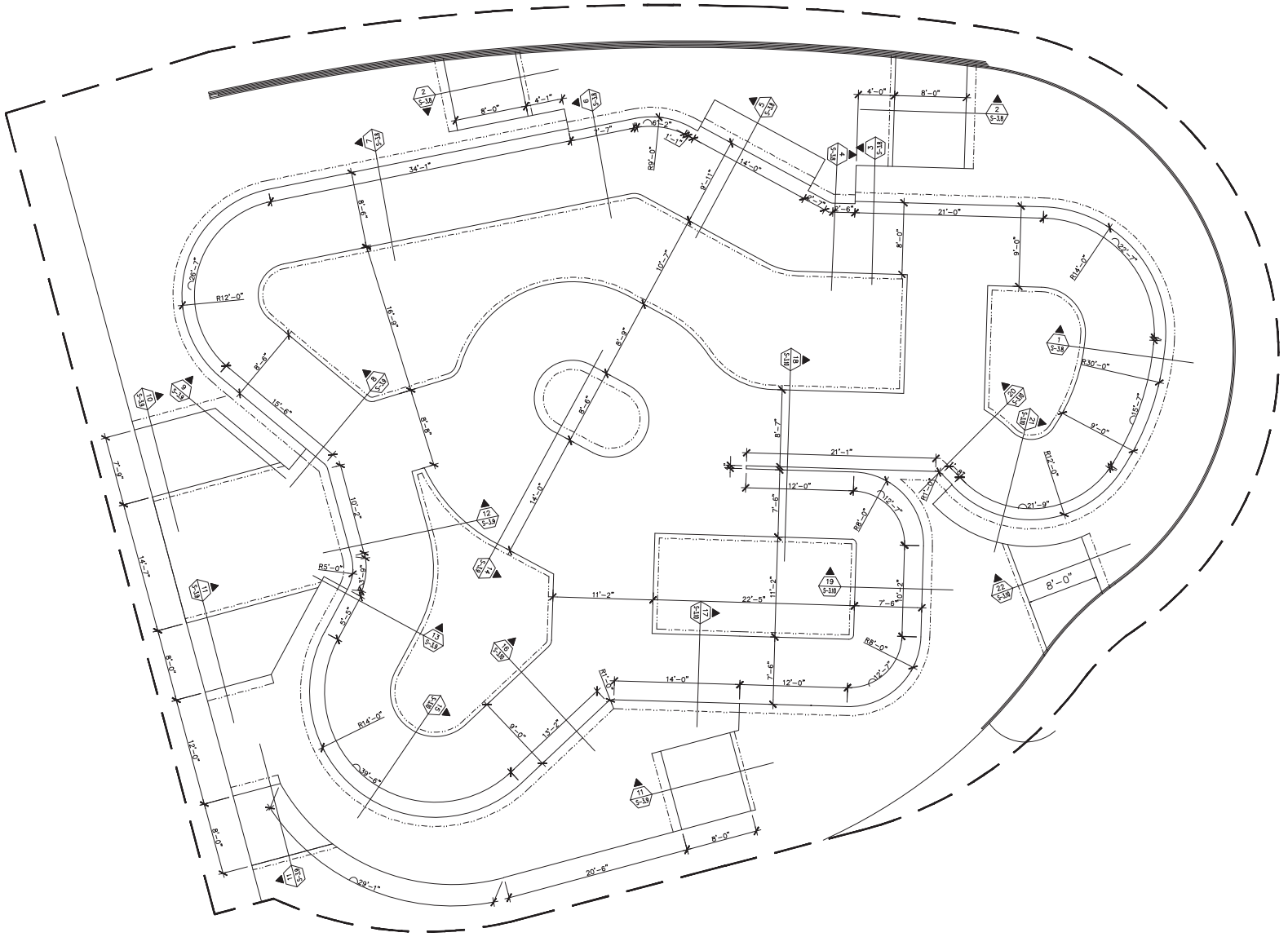
COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED

PROJECT	
DRAWING BY/CHECKED BY	
L.D.D.	L.D.D.

NUMBER	TOTAL
55	83

DRAWING NUMBER
S-3.6



BLOW–UP PLAN MKD' 5

SCALE: 3/16"=1'–0"

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW–UP 5

COMPUTER PLOT
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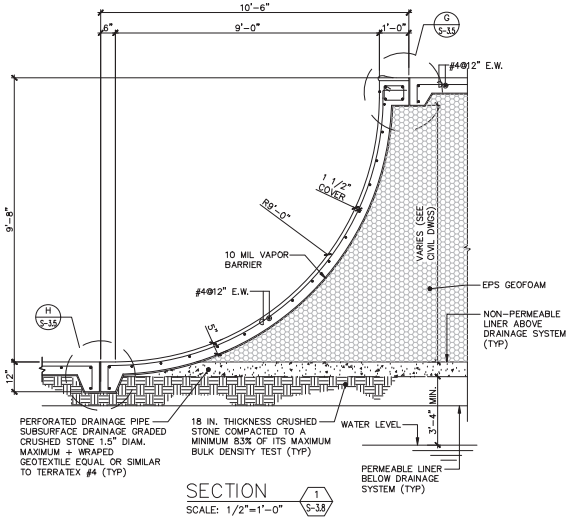
NO.	DATE	REVISION	BY	APPROVED

PROJECT

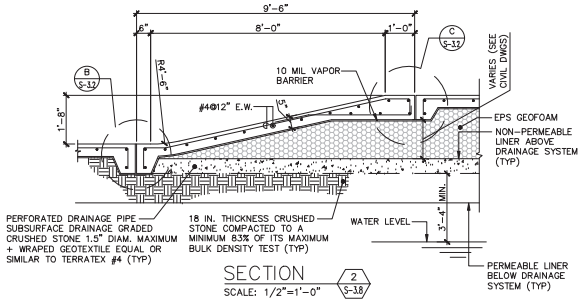
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
56	83

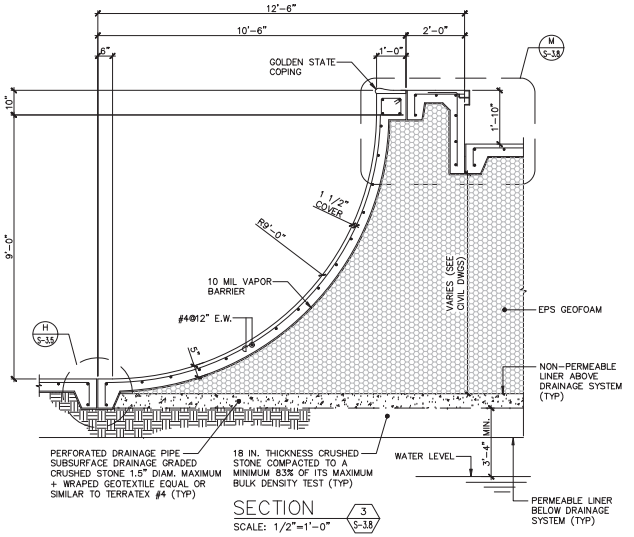
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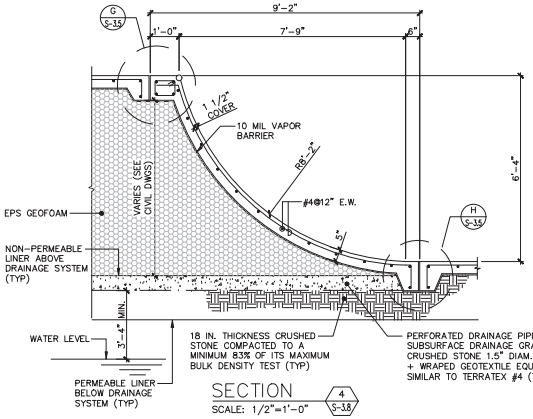
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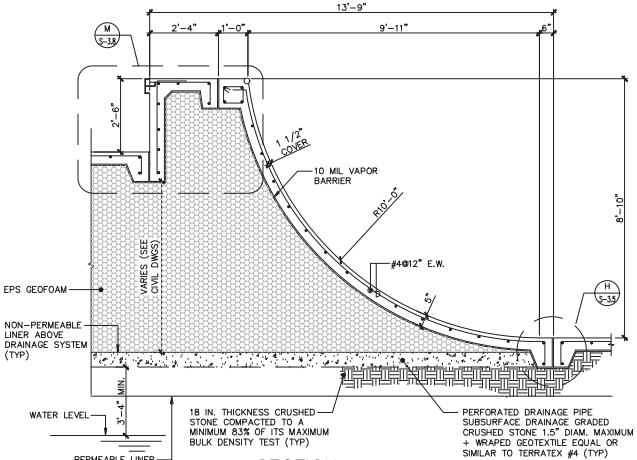
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2 S-3.8



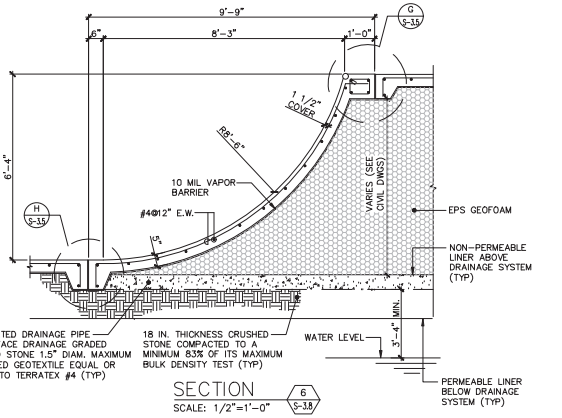
SECTION
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3 S-3.8



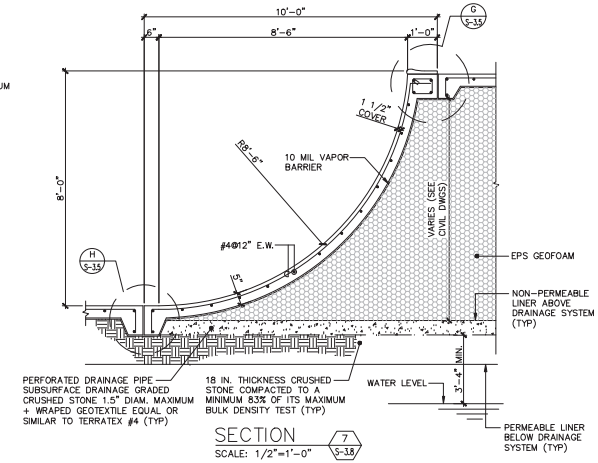
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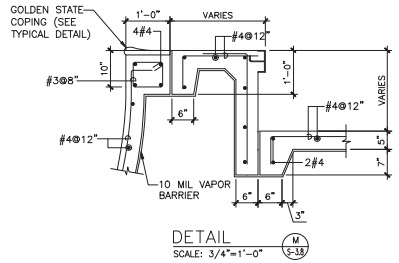
SECTION
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5 S-3.8



SECTION
SCALE: 1/2"=1'-0"
6 S-3.8



SECTION
SCALE: 1/2"=1'-0"
7 S-3.8



DETAIL
SCALE: 3/4"=1'-0"
M S-3.8

OCT-30-2023

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ISTRA HERNANDEZ DE BAUZA
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YO, LUIS DAZA DUARTE LICENCIA #5,870 E CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO O ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION Y ESTAN EN CONFORMIDAD CON CON CODIGO DE CONSTRUCCION DE PUERTO RICO 2018" VIGENTE AL 8 DE NOVIEMBRE DE 2018. CERTIFICO, ADEMAS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA " LEY PARA LA INVERSIÓN EN LA INDUSTRIA FUERTE(QUIEBA)" Y CON LA LEY NUM. 319 DE 15 DE MAYO DE 2018, SEGUN ENMENDADA (LEY NUM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA) SEGUN APLIQUE. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE O CUALQUIER ACCIÓN JUDICIAL Y LO SOPLUMBRA POR LA DOPE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK
BLOW-UP 5

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

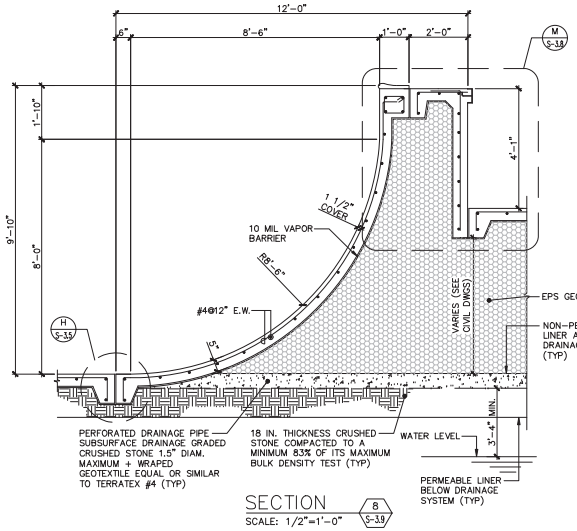
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PROJECT

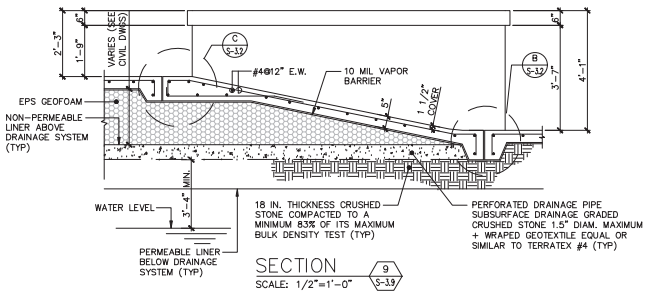
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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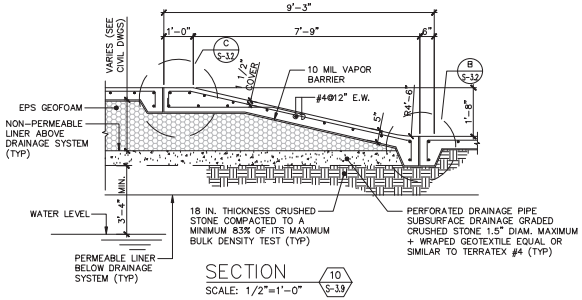
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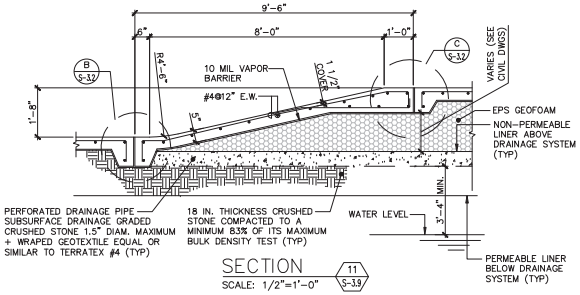
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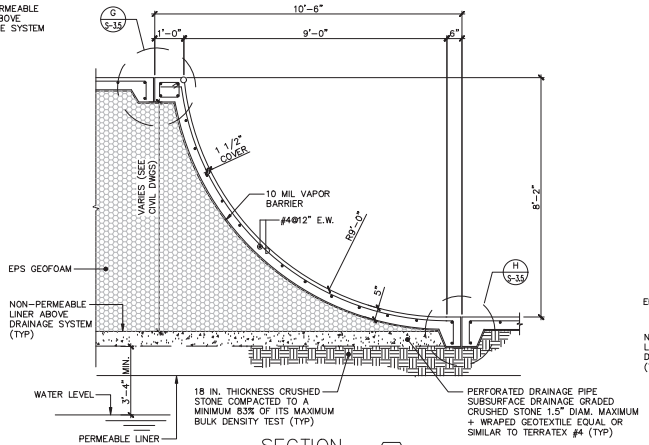
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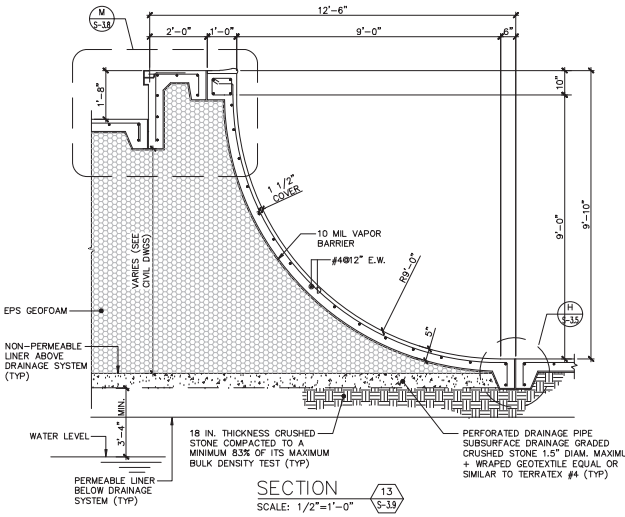
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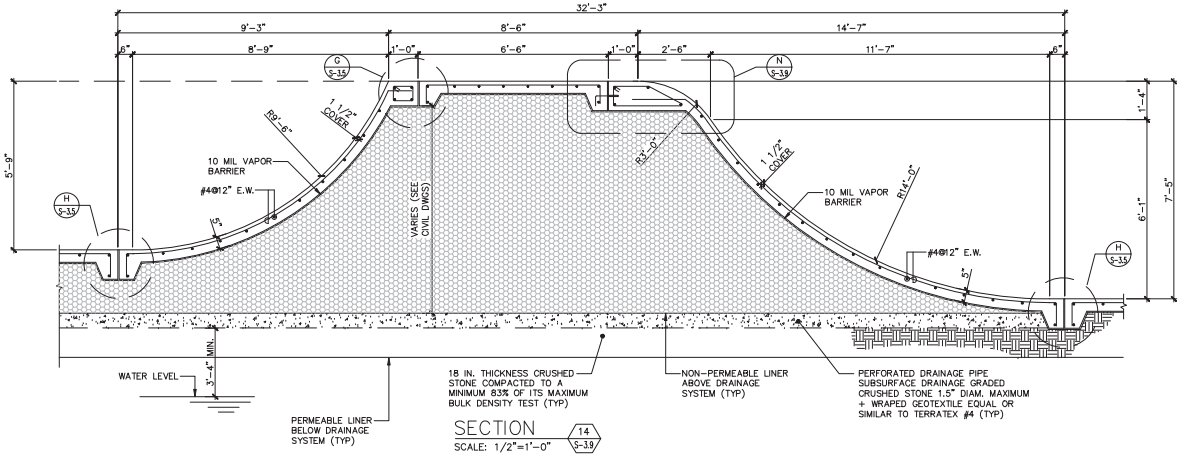
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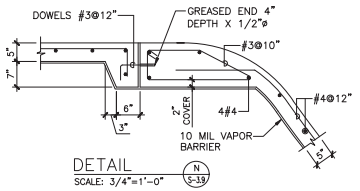
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SECTION
SCALE: 1/2"=1'-0"
13
S-3.9



SECTION
SCALE: 1/2"=1'-0"
14
S-3.9



DETAIL
SCALE: 3/4"=1'-0"
N
S-3.8

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DRAWING NAME
SKATE PARK
BLOW-UP 5

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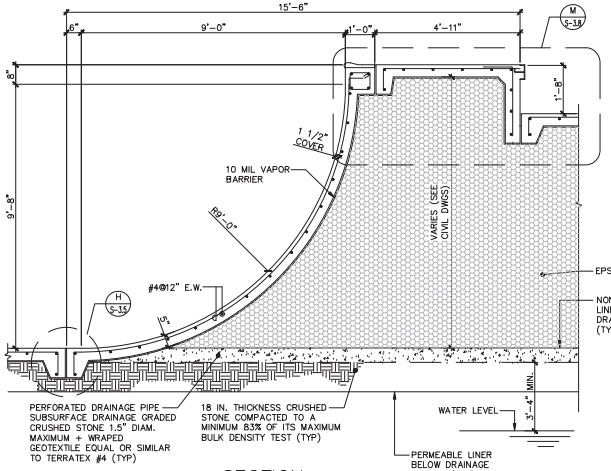
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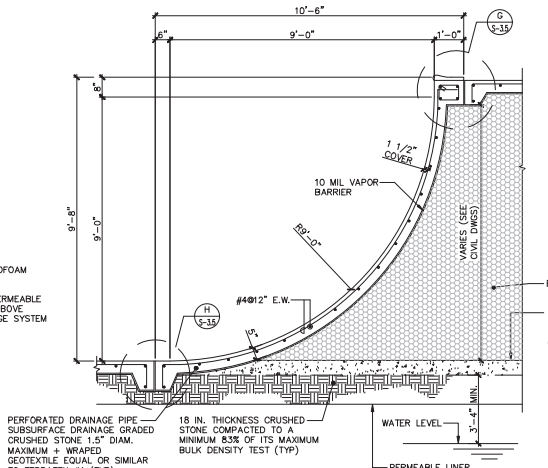
DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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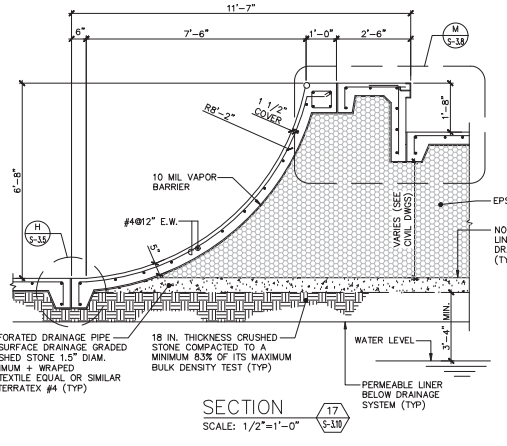
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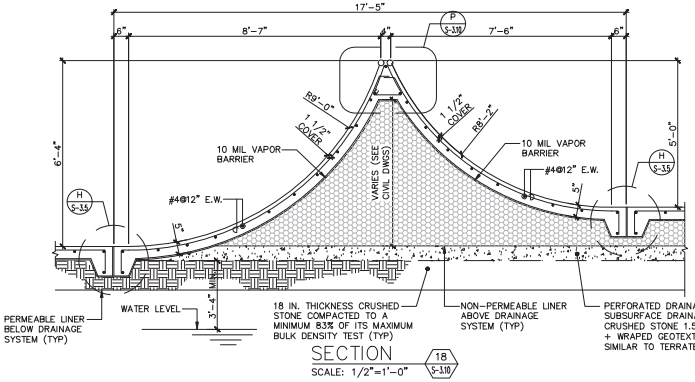
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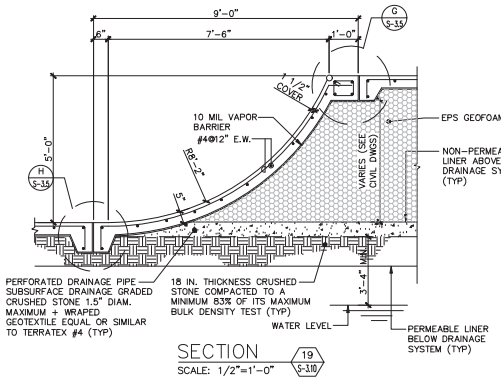
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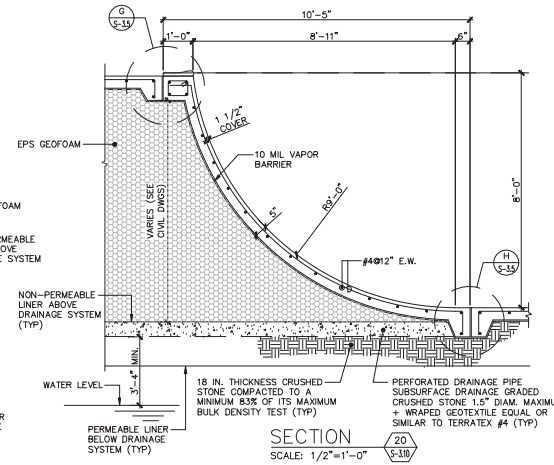
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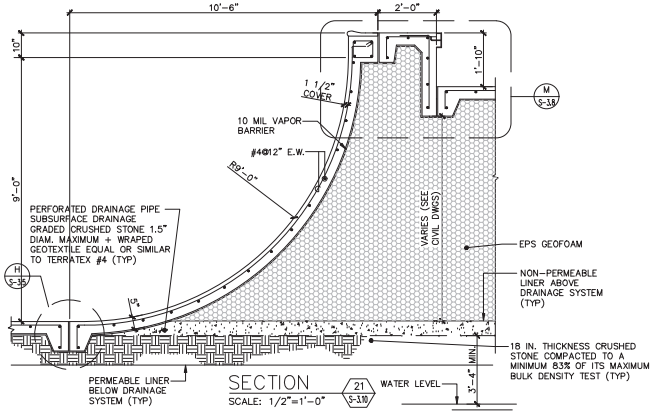
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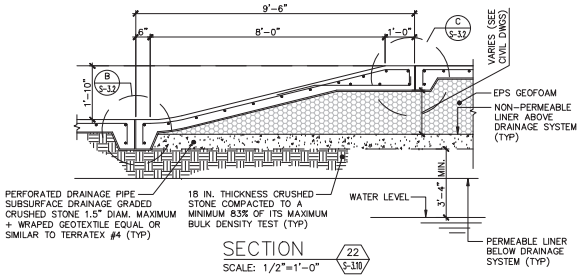
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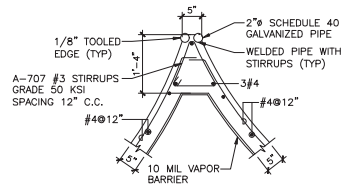
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SECTION 21 S-3.10
SCALE: 1/2"=1'-0"



SECTION 22 S-3.10
SCALE: 1/2"=1'-0"



DETAIL P S-3.10
SCALE: 3/4"=1'-0"

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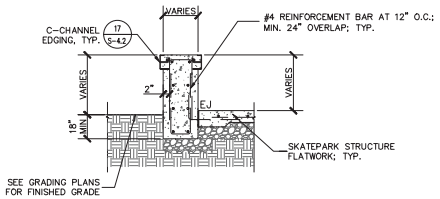
PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
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DRAWING NUMBER
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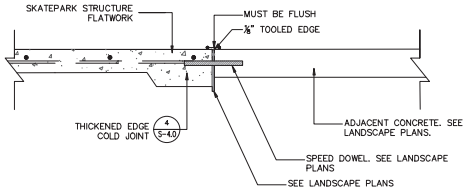
OCT-30-2023



CAST IN PLACE LEDGE W/ C-CHANNEL EDGING

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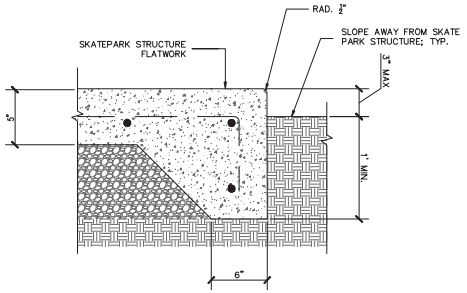
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SKATEPARK EDGE AT CONCRETE PAVEMENT

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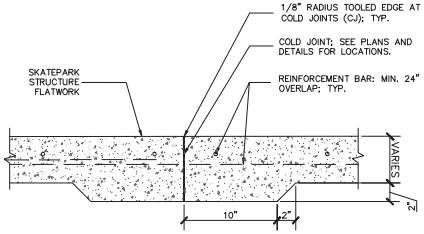
2 S-4.0



SKATEPARK THICKEN EDGE

SCALE: NOT TO SCALE

3 S-4.0

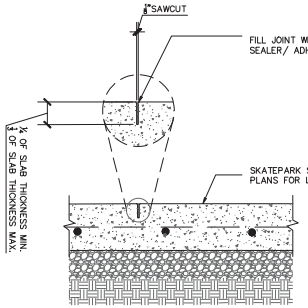


NOTE:
1. ALL REINFORCEMENT BAR SHALL HAVE MIN. 24" OVERLAP.
2. SEE CONSTRUCTION PLAN AND DETAILS FOR COLD JOINT LOCATIONS
3. THICKENED FLATWORK EDGE SHALL BE CONSTRUCTED ON ALL COLD JOINT LOCATIONS

TYP. SKATEPARK FLATWORK COLD JOINT (CJ)

SCALE: NOT TO SCALE

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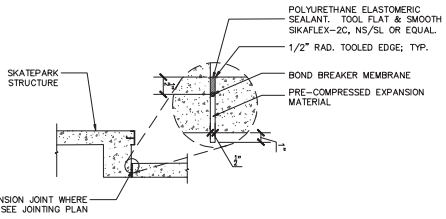


NOTE:
1. CONTRACTOR SHALL LOCATE SAWCUTS APPROXIMATELY EVERY 10' O.C. (100 SF) UNLESS SHOWN OTHERWISE.
2. SEE JOINTING PLAN FOR SAWCUT LOCATIONS.

SAWCUT

SCALE: NOT TO SCALE

5 S-4.0

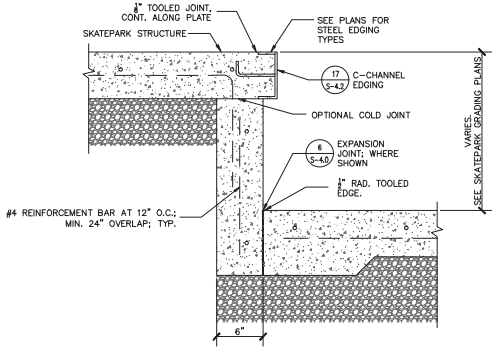


NOTE:
1. MINIMUM CAULKING THICKNESS WITH BGOND BREAKER IN PLACE IS ½".
2. SEE SKATE PARK JOINT PLAN SP7.0 AND DETAILS FOR LOCATIONS.

EXPANSION JOINT (EJ)

SCALE: NOT TO SCALE

6 S-4.0



TURNDOWN WALL

SCALE: NOT TO SCALE

7 S-4.0

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OWNER
AUTONOMUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
STRUCTURAL STANDARDS DETAILS

COMPUTER PLOT
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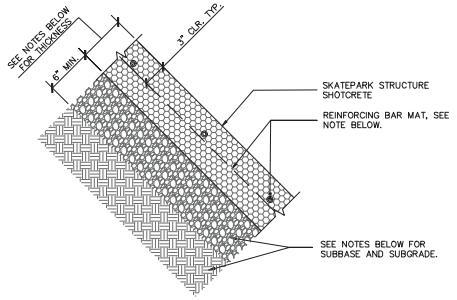
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

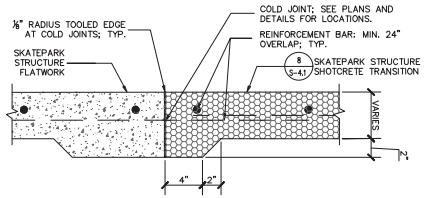
NUMBER	TOTAL
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DRAWING NUMBER
S-4.0



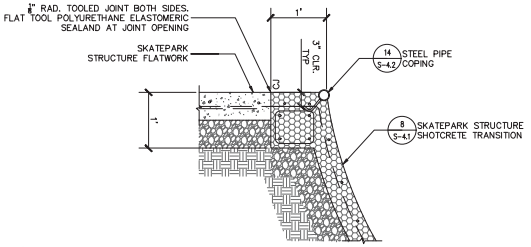
NOTES:
1. SEE SKATEPARK STRUCTURE LEGEND FOR SHOTCRETE THICKNESS AND REINFORCEMENT REQUIREMENTS.
2. SEE TRANSITION SUBBASE APPLICATION DETAIL 13/SP8.1 FOR SUBBASE REQUIREMENTS.
3. ALL SHOTCRETE TO HAVE A HARD TROWEL FINISH UNLESS NOTED OTHERWISE.

SKATEPARK STRUCT. SHOTCRETE TRANSITION (8 / S-4.1)
SCALE: NOT TO SCALE



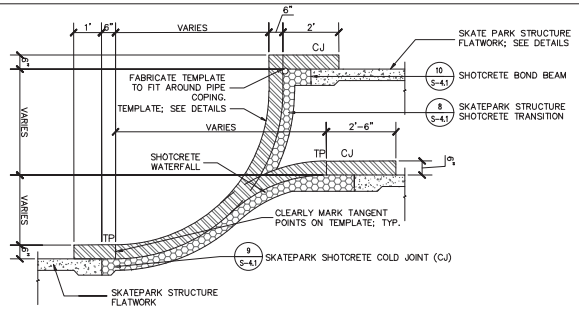
NOTE:
1. ALL REINFORCEMENT BAR SHALL HAVE MIN. 24" OVERLAP.
2. SEE CONSTRUCTION PLAN AND DETAILS FOR COLD JOINT LOCATIONS.
3. THICKENED SHOTCRETE EDGE SHALL BE CONSTRUCTED ON ALL SHOTCRETE TRANSITIONS BOTTOM LOCATIONS

SKATEPARK SHOTCRETE COLD JOINT (9 / S-4.1)
SCALE: NOT TO SCALE



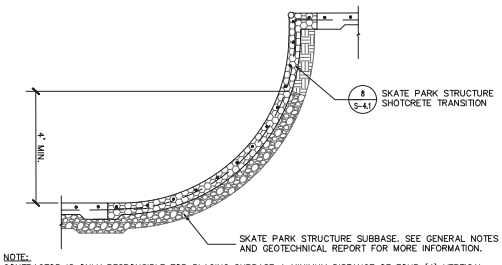
NOTE:
1. BUILD BOND BEAMS AT TOPS OF ALL SHOTCRETE TRANSITIONS UNLESS SPECIFICALLY SHOWN OTHERWISE IN THE SKATEPARK DETAILS.

SHOTCRETE BOND BEAM (10 / S-4.1)
SCALE: NOT TO SCALE



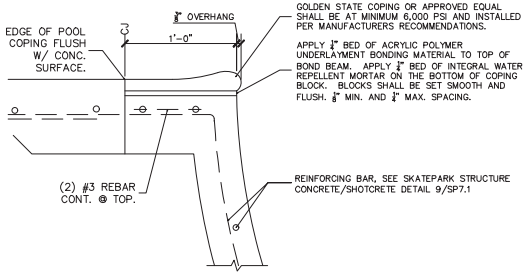
NOTES:
1. USE NON-FLEX PLYWOOD, ALUMINUM, OR METAL FOR TEMPLATES.
2. CONTRACTOR SHALL FABRICATE AND USE TEMPLATES FOR EACH SHOTCRETE DETAIL. TEMPLATES MUST BE REVIEWED AND APPROVED BY OWNER'S REPRESENTATIVE IN ADVANCE OF THE DAY SHOTCRETE WILL BE PLACED. TEMPLATES MUST BE LOCATED IN THE RESPECTIVE AREAS OF USE BEFORE INSPECTION.

SKATEPARK STRUCT. SHOTCRETE TRANSITION (11 / S-4.1)
SCALE: NOT TO SCALE



NOTE:
CONTRACTOR IS ONLY RESPONSIBLE FOR PLACING SUBBASE A MINIMUM DISTANCE OF FOUR (4) VERTICAL FEET UP ALL TRANSITIONS AS MEASURED FROM THE BOTTOM TANGENT POINT (TP) AS SHOWN. THIS VARIANCE ONLY APPLIES TO TRANSITIONS THAT APPROACH NEAR VERTICAL CONDITIONS ABOVE FOUR (4) VERTICAL FEET FROM THE BOTTOM TANGENT POINT (TP) ELEVATION. SHOTCRETE APPLIED IN CONDITIONS WITHOUT THE SUBBASE SHALL BE PER THE SPECIFIED THICKNESS. NO ADDITIONAL SHOTCRETE SHALL BE REQUIRED AS THE SUBGRADES WILL BE GRADED TO THE ELEVATIONS OF THE SUBBASE.

TRANSITION SUB-BASE APPLICATION (12 / S-4.1)
SCALE: NOT TO SCALE



NOTE:
ALTERNATE COPING BLOCKS BETWEEN 'CARBON' AND 'NOPAL'. COPING COLORS MUST BE CONFIRMED BY SKATEPARK DESIGNER BEFORE INSTALLATION.

POOL COPING (13 / S-4.1)
SCALE: NOT TO SCALE

OCT-30-2023

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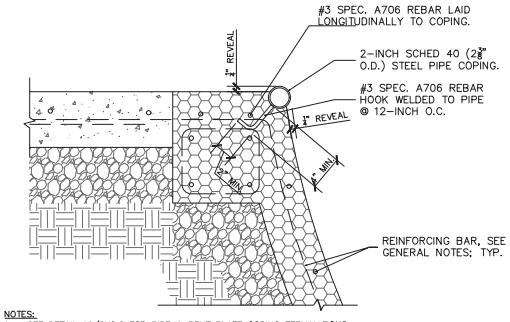
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER	TOTAL
61	83

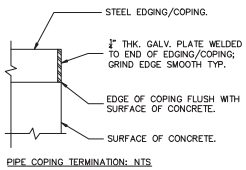
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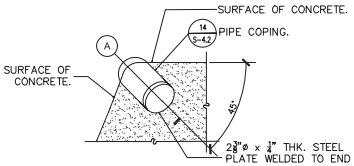
NOTES:
1. SEE DETAIL 16/SK8.2 FOR PIPE & BENT PLATE COPING TERMINATIONS.

STEEL PIPE COPING (14 / S-4.2)

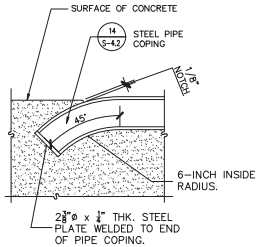
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PIPE COPING TERMINATION: NTS



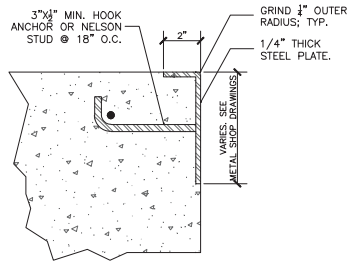
PIPE COPING SIDE ELEVATION



SECTION

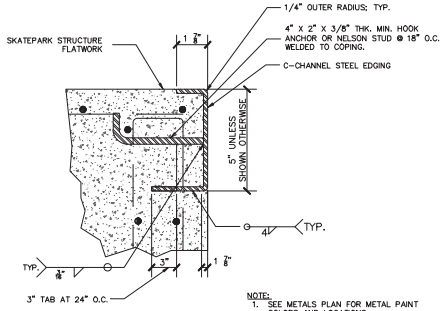
STEEL EDGING & PIPE COPING TERMINATION (15 / S-4.2)

SCALE: NOT TO SCALE



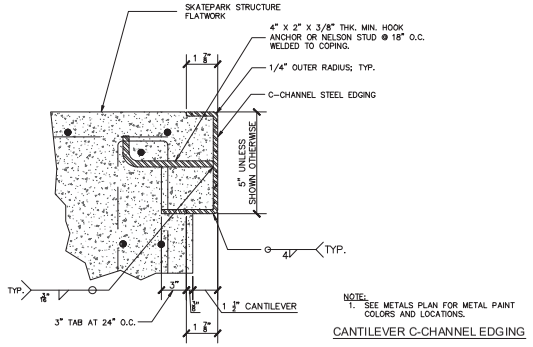
STEEL PLATE (WITH 2" FLANGE) (16 / S-4.2)

SCALE: NOT TO SCALE



NOTE:
1. SEE METALS PLAN FOR METAL PAINT COLORS AND LOCATIONS.

FLUSH C-CHANNEL EDGING

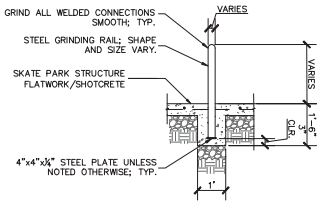


NOTE:
1. SEE METALS PLAN FOR METAL PAINT COLORS AND LOCATIONS.

CANTILEVER C-CHANNEL EDGING

5" C-CHANNEL ENDING (FLUSH AND CANTILEVER) (17 / S-4.2)

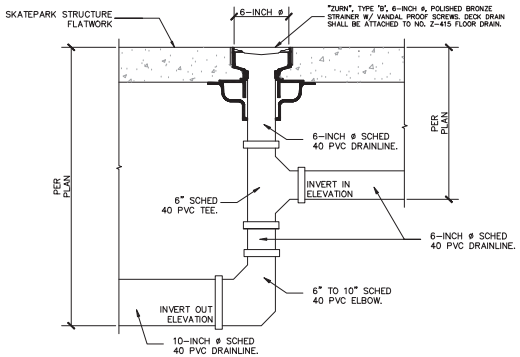
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NOTE:
1. GRIND ALL WELDED CONNECTIONS SMOOTH; TYP.
2. SEE METALS PLAN SP6.0 FOR STEEL PAINTING REQUIREMENTS.

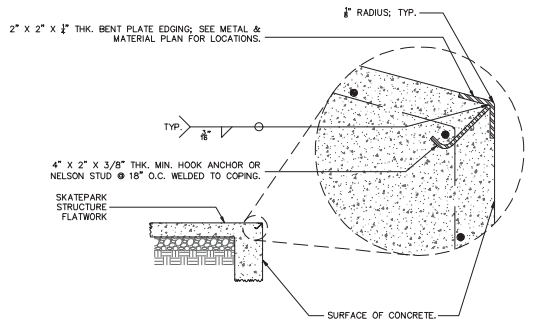
SKATE RAIL HUBBA FOOTING (18 / S-4.2)

SCALE: NOT TO SCALE



DRAIN & DRAIN LINE END CONNECTION (19 / S-4.2)

SCALE: NOT TO SCALE



NOTE:
1. GRIND ALL WELDED CONNECTIONS SMOOTH; TYP.
2. SEE METALS PLAN SP3.0 AND SP11.0 FOR STEEL PAINTING REQUIREMENTS.

BENT PLATE EDGING (20 / S-4.2)

SCALE: NOT TO SCALE

OCT-30-2023

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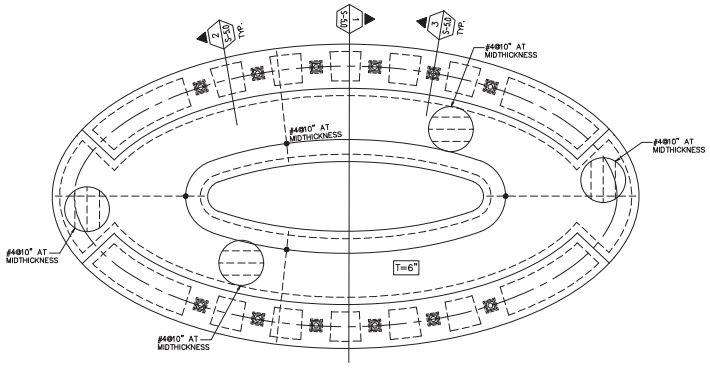
NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

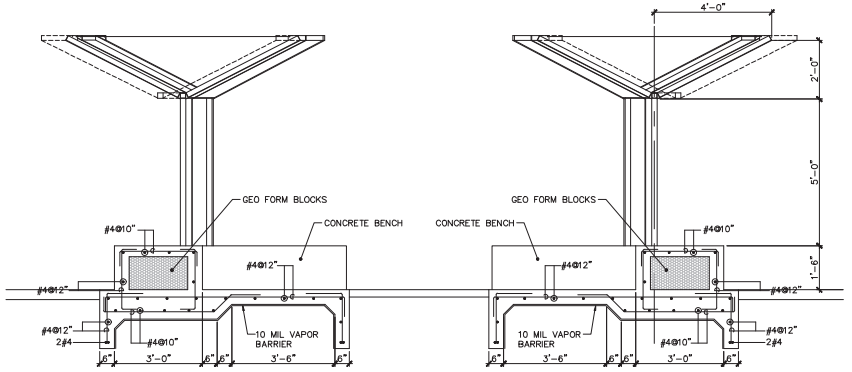
NUMBER	TOTAL
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DRAWING NUMBER
S-4.2



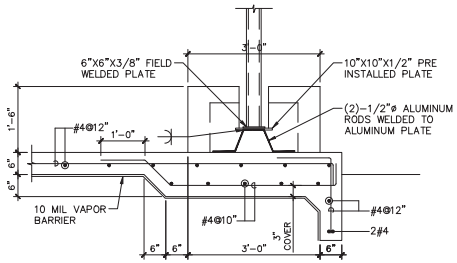
GAZEBOS FOUNDATION PLAN

SCALE: 1/4"=1'-0"



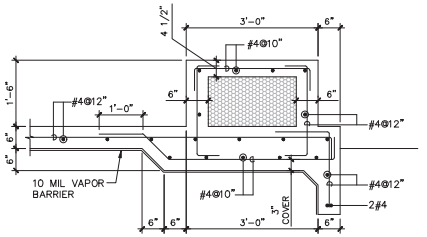
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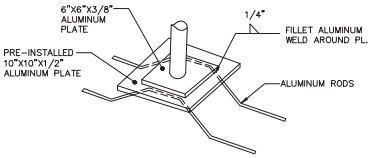
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SCALE: 3/4"=1'-0"



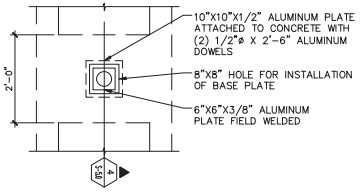
SECTION (3 / S-5.0)

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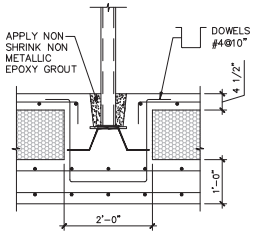
BASE PLATE DETAIL

SCALE: 1"=1'-0"



BASE PLATE (TOP VIEW)

SCALE: 3/4"=1'-0"



SECTION (4 / S-5.0)

SCALE: 3/4"=1'-0"

OCT-30-2023

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"YO, LUIS DAZA DUARTE, LICENCIA #11,077, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CON LAS TEY LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN Y ESTÁN ENCONFORMIDAD CON CÓDIGOS DE CONSTRUCCIÓN EQUIPO EL 2018 VIGENTE AL 110 ENDVIEMBRE DEL CORTE DEL ASIMAS, QUE EN LA PREPARACIÓN DESTOS PLANOS YESPECIFICACIONES SE HA CUMPLIDO DEBIDAMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DEENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 339 DE 15 DE MAYO DE 2006, SEGÚN ENMENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA, SEGÚN APLIQUE. RECONOZCO QUE CUALQUIER ERROR, ABANDONO A SU FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PROCEDIDO POR DESIGNIOCOMETIDO POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR TERCERA PERSONA CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DEUDA PARA POR LA DISPE

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
GAZEBO STRUCTURAL DETAILS

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES MADE TO THIS DRAWING MUST BE MADE ON CAD AND NOTED ON CAD. FOR QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

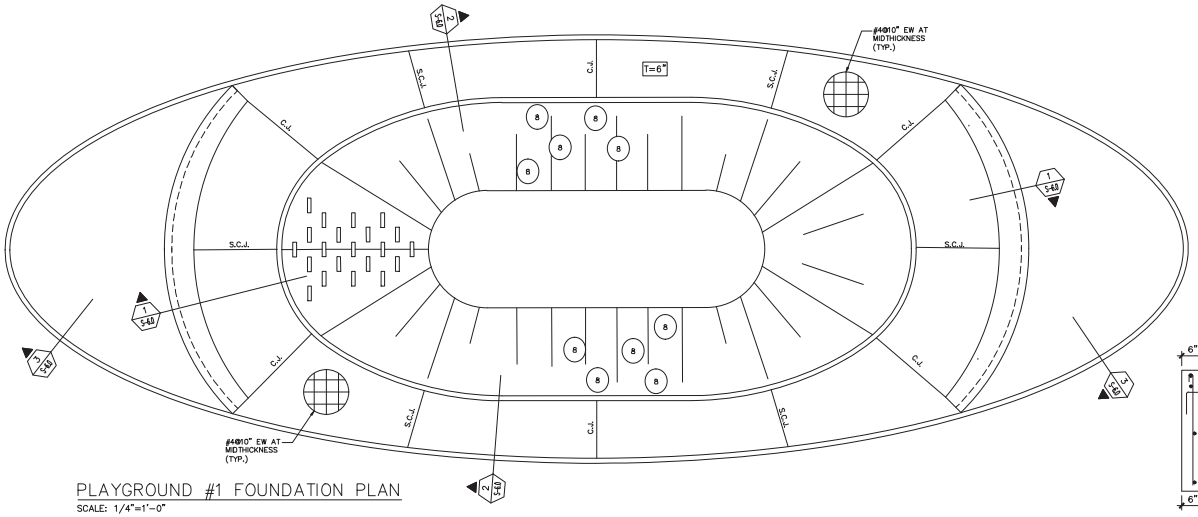
NO.	DATE	REVISION	BY	APPROVED

PROJECT

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L.D.D. L.D.D.

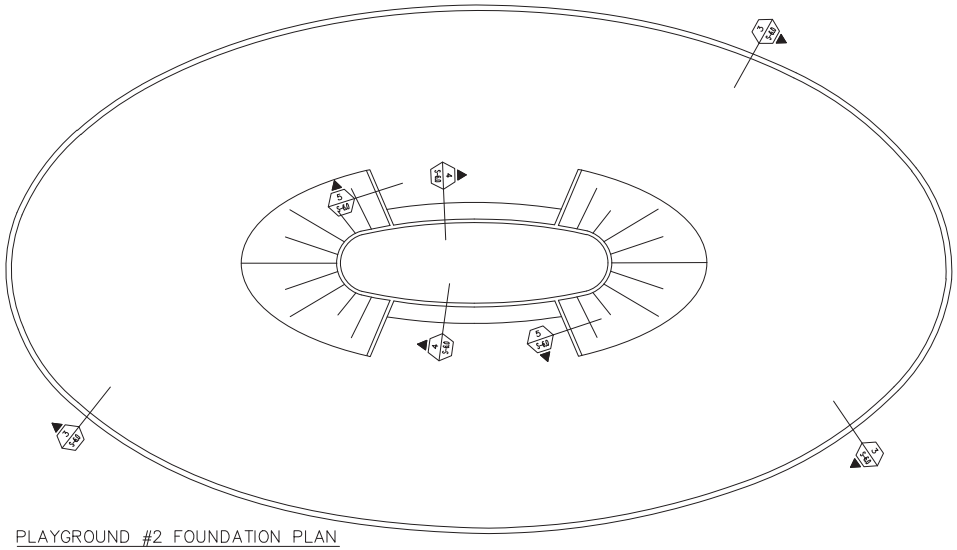
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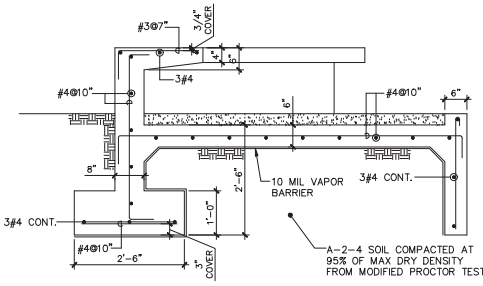
PLAYGROUND #1 FOUNDATION PLAN

SCALE: 1/4"=1'-0"



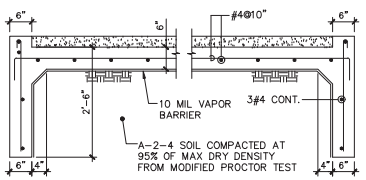
PLAYGROUND #2 FOUNDATION PLAN

SCALE: 3/16"=1'-0"



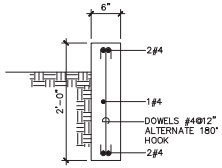
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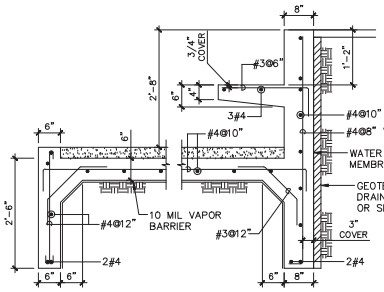
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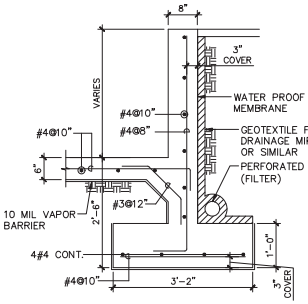
SECTION

SCALE: 1"=1'-0"



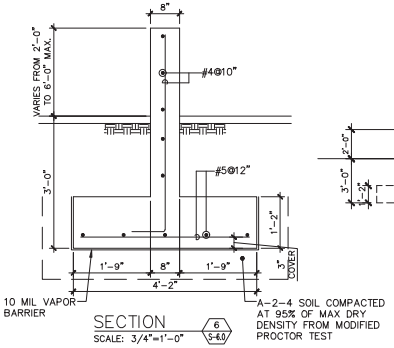
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SCALE: 3/4"=1'-0"



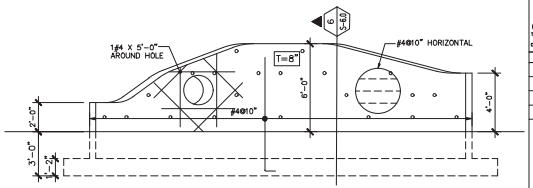
SECTION

SCALE: 3/4"=1'-0"



SECTION

SCALE: 3/4"=1'-0"



CLIMBING WALL DETAIL

SCALE: 1/4"=1'-0"

OCT-30-2023

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NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
L.D.D. L.D.D.

NUMBER 64 | TOTAL 83

DRAWING NUMBER
S-6.0

PIPING/PLUMBING SYMBOLS

GATE VALVE

PLUG VALVE

BALL VALVE

GLOBE VALVE

BUTTERFLY VALVE

CHECK VALVE

THREE-WAY VALVE

PRESSURE SAFETY VALVE

CIRCUIT SETTER

PRESSURE REGULATING VALVE

FLANGED CONNECTIONS

PIPE ENDED WITH BLIND FLANGE

ORIFICE

STRAINER

STEAM TRAP

SLOPE

REDUCER ECCENTRIC

REDUCER CONCENTRIC

FLOW ARROW

PLUG

EXPANSION JOINT/FLEX JOINT

AUTOMATIC AIR VENT

REV FLAG

S — SYSTEM BOUNDARY

PIPE LINE BREAK CONTINUATION MARKER

PIPE END WITH CAP(WELDED OR SCREWED)

FLEXIBLE HOSE OR PLASTIC TUBING

S-16 S-10 DENOTES SPEC. CHANGE

P — PURCHASED PACKAGE BOUNDARY

DRAIN

90° ELBOW DOWN

90° ELBOW UP

FLOOR CLEANOUT

FLOOR DRAIN

TEE UP

TEE DOWN

PIPE OFFSET DOWN AT 45^

PIPE OFFSET UP AT 45^

TRICLOVER FITTING

DRAIN

BACKFLOW PREVENTER
DOUBLE CHECK VALVE (SOFT SEATED)

TP
XX-XXX
CONNECTION TO EXISTING

PIPING/PLUMBING NOTES:

1. LOCATION PLANS ARE BASED UPON NON-CERTIFIED INFORMATION. CONTRACTOR TO COORDINATE INSTALLATION, PER CERTIFIED INFORMATION. CONTRACTOR MUST FIELD VERIFY ALL LOCATION DIMENSIONS BEFORE SETTING EQUIPMENT.

2. PIPING DESIGN IS BASED UPON NON-CERTIFIED INFORMATION. MECHANICAL CONTRACTOR TO CONFIRM FINAL PIT-UP DIMENSIONS OF PIPING IN FIELD, PER CERTIFIED INFORMATION OF DETAILED EQUIPMENT LAYOUT, EQUIPMENT LOCATION AND THE EXACT LOCATION OF SERVICE CONNECTIONS, PRIOR TO FABRICATION.

3. CONTRACTOR WILL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS, AND OTHER INFORMATION KNOWN TO CONTRACTOR AND COMPARE SUCH DATA TO THE DESIGN DOCUMENTS BEFORE COMMENCING ANY WORK ACTIVITIES. ANY DEVIATIONS BETWEEN FIELD CONDITIONS AND DESIGN DOCUMENTS WILL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER IMMEDIATELY IN A FORMAL MANNER. COORDINATION OF WORK ACTIVITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

4. IN THE EVENT OF AN EXPRESS CONFLICT BETWEEN THE DOCUMENTS LISTED OR BETWEEN ANY OTHER DOCUMENTS WHICH ARE A PART OF THE CONTRACT, CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AND ENGINEER IMMEDIATELY AND SHALL COMPLY WITH ENGINEER'S RESOLUTION OF THE CONFLICT.

5. THE CONTRACTOR SHALL BE GUIDED IN HIS WORK BY ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, HVAC, ELECTRICAL AND FIRE PROTECTION DRAWINGS AND BY ALL OF THE OWNER'S EQUIPMENT DRAWINGS ISSUED THROUGH THE CONSTRUCTION MANAGER.

6. THE CONTRACTOR SHALL ADVISE THE CONSTRUCTION MANAGER AND ALL OTHER CONCERNED SUBCONTRACTORS ON THE PROJECT CONCERNING CONFLICTS, REVISIONS, ADDITIONS AND/OR DELETIONS TO ANY PHASE OF THE WORK THAT INVOLVES COORDINATION OR CORRELATION BETWEEN TRADES.

7. ALL PIPING SHALL BE ERECTED AND SUPPORTED IN A MANNER THAT WILL NOT PUT UNDUE STRAIN ON PUMPS, TANKS, FILTERS, EQUIPMENT OR TRI-CLAMP CONNECTIONS IN GENERAL. ANY REQUIRED VARIANCE OF THE SPECIFIED SUPPORTING REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND THE OWNER'S REPRESENTATIVE.

8. THE CONTRACTOR IS REQUIRED TO LOCATE FIELD WELDS FOR ALL PIPING INSTALLATIONS.

9. ALL PIPE HANGERS & SUPPORTS ARE TO BE FABRICATED ACCORDING TO DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR IS TO ADD ADDITIONAL SUPPORTS IN THE FIELD FOR FIELD ROUTED LINES AND AS REQUIRED PER FIELD CONDITIONS.

10. [NOT APPLICABLE]

11. [NOT APPLICABLE]

12. ALL PIPING PENETRATIONS THROUGH WALLS & CEILINGS ARE TO BE SEALED BY THE APPROPRIATE CONTRACTOR PER THE PENETRATION DETAILS SHOWN ON THE ARCHITECTURAL DRAWINGS. FIRE STOPS ARE REQUIRED FOR 4" AND LARGER PIPES PENETRATING THROUGH FIRE RATED WALLS.

13. ALL PIPING ROOF PENETRATIONS SHALL BE LOCATED BY THE MECHANICAL CONTRACTOR AND COORDINATED WITH THE ROOFING CONTRACTOR. THE ROOFING CONTRACTOR SHALL MAKE AND SEAL ALL ROOF PENETRATIONS.

14. MANUFACTURER'S NAMES AND MODEL NUMBERS REFERENCED IN SPECIFICATION ARE TO ESTABLISH QUALITY AND DESIGN. ALTERNATES MAY BE SUBMITTED TO OWNER FOR APPROVAL AS LONG AS THEY ARE EQUAL IN QUALITY AND DESIGN. UNAUTHORIZED SUBSTITUTIONS SHALL NOT BE PERMITTED.

15. CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONAL DIFFERENCES WHERE OPTIONAL MATERIALS (MATERIALS OTHER THAN THOSE USED FOR DESIGN) ARE SELECTED.

16. THE INSULATION CONTRACTOR IS TO FURNISH A PROPERLY DESIGNED INSTALLATION IN ACCORDANCE WITH ACCEPTABLE CONSTRUCTION PRACTICES.

17. [NOT APPLICABLE]

18. CONTRACTOR SHALL INSPECT ALL STRAINER SCREENS AND VERIFY PROPER PERFORATION SIZE BEFORE INSTALLATION.

19. AIR AND/OR WATER, AS WELL AS PIPING, PUMPS, GAUGES, METERS, ETC., REQUIRED FOR TESTING SHALL BE PROVIDED BY THE CONTRACTOR. THE DISPOSITION OF WATER AFTER THE TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DISCHARGED AT A POINT DESIGNATED BY THE CONSTRUCTION MANAGER.

20. ALL EXPOSED CARBON STEEL PIPE SHALL BE PAINTED IN ACCORDANCE WITH SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE FOR TOUCH UP PAINTING OF EQUIPMENT USING PAINT THAT MATCHES FACTORY APPLIED PAINT IN COLOR, TYPE, QUALITY, ETC., SO THAT THE "TOUCH-UP" AREA DUPLICATES THE FACTORY APPLIED SURFACES.

21. ALL PIPE WELDERS TO HAVE CERTIFICATION OF COMPLIANCE WITH ASME SECTION IX AS OUTLINED IN SPECIFICATIONS.

22. THE CONTRACTOR SHALL WARRANT ALL WORK PERFORMED AS SPECIFIED IN THE GENERAL CONDITIONS OF THE CONTRACT. DEFECTIVE EQUIPMENT AND MATERIALS, LEAKS AND FAILURE TO MAINTAIN SPECIFIED CAPACITIES, AS WELL AS IMPROPER AND/OR POOR WORKMANSHIP SHALL BE COVERED.

23. THE CONTRACTOR SHALL REPLACE ALL MATERIALS, APPARATUS OR EQUIPMENT, EITHER IN WHOLE OR IN PART, SO THAT THE ITEMS OPERATE AS ORIGINALLY SPECIFIED OR INTENDED AS IN ACCORDANCE WITH SPECIFICATIONS, THE COST AS WELL AS ANY COST INVOLVING DAMAGES TO OTHER TRADES DURING REPLACEMENT SHALL BE AT THE EXPENSE OF THIS CONTRACTOR.

24. THE CONTRACTOR SHALL:

A) UNLESS OTHERWISE SPECIFIED, COMPLY WITH MANUFACTURER'S LATEST PRINTED INSTRUCTIONS FOR MATERIALS, SUPPLY, STORAGE, AND INSTALLATION METHODS.

B) NOTIFY ENGINEER IN WRITING OF ANY CONFLICT BETWEEN THESE SPECIFICATIONS AND THE MANUFACTURER'S INSTRUCTIONS. ENGINEER WILL DESIGNATE WHICH DOCUMENT IS TO BE FOLLOWED.

25. THE EQUIPMENT AND INSTALLATION SHALL BE IN ACCORDANCE WITH APPLICABLE PORTION OF THE LATEST EDITION OF THE FOLLOWING CODES AND STANDARDS IN EFFECT AT THE TIME OF THE CONTRACT AWARD.

A) FEDERAL OCCUPATION SAFETY AND HEALTH ACT (OSHA).
B) AMERICAN WELDING SOCIETY (AWS).
C) AMERICAN WATER WORKS ASSOCIATION (AWWA).
D) AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME).
E) MANUFACTURER STANDARDIZATION SOCIETY OF THE VALVE AND FITTING INDUSTRY (MSS).
F) MANUFACTURER'S STANDARDS AND RECOMMENDATIONS FOOD AND DRUG ADMINISTRATION (FDA).
G) UNDERWRITER'S LABORATORIES LISTING (UL).
H) APPLICABLE STATE, COUNTY, CITY OR LOCAL CODES.
I) AMERICAN SOCIETY OF TESTING MATERIALS (ASTM).
J) INTERNATIONAL BUILDING CODE.
K) COMPRESSED GAS ASSOCIATION (CGA).

26. [NOT APPLICABLE]

27. [NOT APPLICABLE]

28. ALL PLUMBING SHALL BE IN STRICT ACCORDANCE WITH THE REGULATIONS OF THE DEPARTMENT OF HEALTH OF PUERTO RICO, THE LOCAL BUILDING CODE AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.

29. [NOT APPLICABLE]

30. ALL VALVES NOT EXPOSED SHALL BE MADE ACCESSIBLE FOR MAINTENANCE. ACCESS DOOR SHALL BE AS SPECIFIED OR AS REQUIRED BY THE ARCHITECT.

31. THE PLUMBING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/ OR EQUIPMENT BEING INSTALLED BY OTHER SUBCONTRACTOR.

32. THESE NOTES AS WELL AS THE LEGEND AND DETAILS APPLY TO ALL PLUMBING WORK FOR THE PROJECT.

33. THE CONTRACTOR SHALL FURNISH AND SET IN PLACE BEFORE CONCRETE POURING ALL NECESSARY SLEEVES FOR WASTE OR SOIL, VENTS AND COLD/HOT WATER AND LINES THESE SLEEVES SHALL BE AS SPECIFIED OR REQUIRED BY THE ARCHITECT.

34. CLEANOUTS SHALL BE NOT MORE THAN 50 FEET APART IN HORIZONTAL DRAINAGE LINES OF 4" NOMINAL DIAMETER OR LESS AND NOT MORE THAN 100 FEET APART FOR LARGER PIPES.

35. CLEANOUTS SHALL BE OF THE SAME NOMINAL SIZE AS THE PIPES UP TO 4" AND NOT LESS THAN 4" FOR LARGER PIPING.

36. ALL HORIZONTAL PORTIONS OF SOIL OR WASTE STACKS AND BRANCHES SMALLER THAN 4" SHALL SLOPE 1/4" PER FOOT, ALL OTHERS SHALL SLOPE 1/8" PER FOOT.

37. [NOT APPLICABLE]

38. CONTRACTOR TO MAINTAIN A RECORD SET OF DRAWING REFLECTING ACTUAL "AS-BUILT" CONDITIONS TO BE TURNED-OVER TO THE OWNER AFTER PROJECT COMPLETION.

39. [NOT APPLICABLE]

40. CONTRACTOR TO TIE-IN NEW "CW" "SS" "V" TO EXISTING LINE. RESPECTIVELY AT LOCATION SHOWN. CONTRACTOR TO PROVIDE MATERIAL AND LABOR AS NECESSARY TO ADJUST TO ACTUAL LOCATION, SIZE, MATERIAL OF CONSTRUCTION, ETC.

40. ALL EQUIPMENT AND PIPING SHALL BE PROVIDED WITH HIGHPOINT VENTS AND LOWPOINT DRAINS. VENT AND DRAIN CONNECTIONS SHALL BE FITTED WITH A ISOLATOR BALL VALVE. PROVIDE REMOVABLE PLUG ON LOW POINT DRAIN VALVES TO AVOID ACCIDENTAL SPILL.

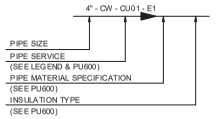
PIPING/PLUMBING ABBREVIATIONS

AHU	AIR HANDLING UNIT
AS	AIR SEPARATOR
CA	COMPRESSED AIR
CC	COLD CONSERVATION
CH	CHILLER
CHP	CHILLED WATER PUMP
CO	CLEAN OUT
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
DPT	DIFFERENTIAL PRESSURE SWITCH
DR	DRAIN
ET	EXPANSION TANK
FD	FLOOR DRAIN
FV	FLOAT VALVE
EJ/FJ	EXPANSION JOINT/FLEX JOINT
HC	HEAT CONSERVATION
GPM	GALLONS PER MINUTE
LG	LEVEL GAGE
NC	NORMALLY CLOSE
NO	NORMALLY OPEN
P	PUMP
PI	PRESSURE INDICATOR
P&ID	PIPING & INSTRUMENTATION DIAGRAM
PP	PERSONNEL PROTECTION
PS	PIPE SUPPORT
PSIG	POUNDS PER SQUARE INCH (GAGE)
PSV	PRESSURE SAFETY VALVE
SD	SUCTION DIFFUSER
TCV	TEMPERATURE CONTROL VALVE
TDV	TRIPLE DUTY VALVE
TI	TEMPERATURE INDICATOR
TW	THERMO WELL
WH	WATER HEATER
WHP	WATER HEATER PUMP
WM	WATER METER
WP	WATER PRESSURE BOOSTER SKID
HTP	HEAT TRANSFER PACKAGE

PIPING/PLUMBING SERVICE ABBREVIATIONS

CW	DOMESTIC COLD WATER
HW	DOMESTIC HOT WATER
CWR	DOMESTIC COLD WATER RISER
HWR	DOMESTIC HOT WATER RISER
RG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
SAN	SANITARY WASTE
SAN	SANITARY WASTE
SS	SANITARY WASTE SOIL STACK
WS	SANITARY WASTE WASTE STACK
CCD	COLD CONDENSATE DRAIN
V	SANITARY VENT
VTR	SANITARY VENT - VENT THRU ROOF
VS	SANITARY VENT - VENT STACK

PIPING/PLUMBING LINE DESIGNATION LEGEND



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CLIENT

MANAGER
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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PIPING/PLUMBING NOTES

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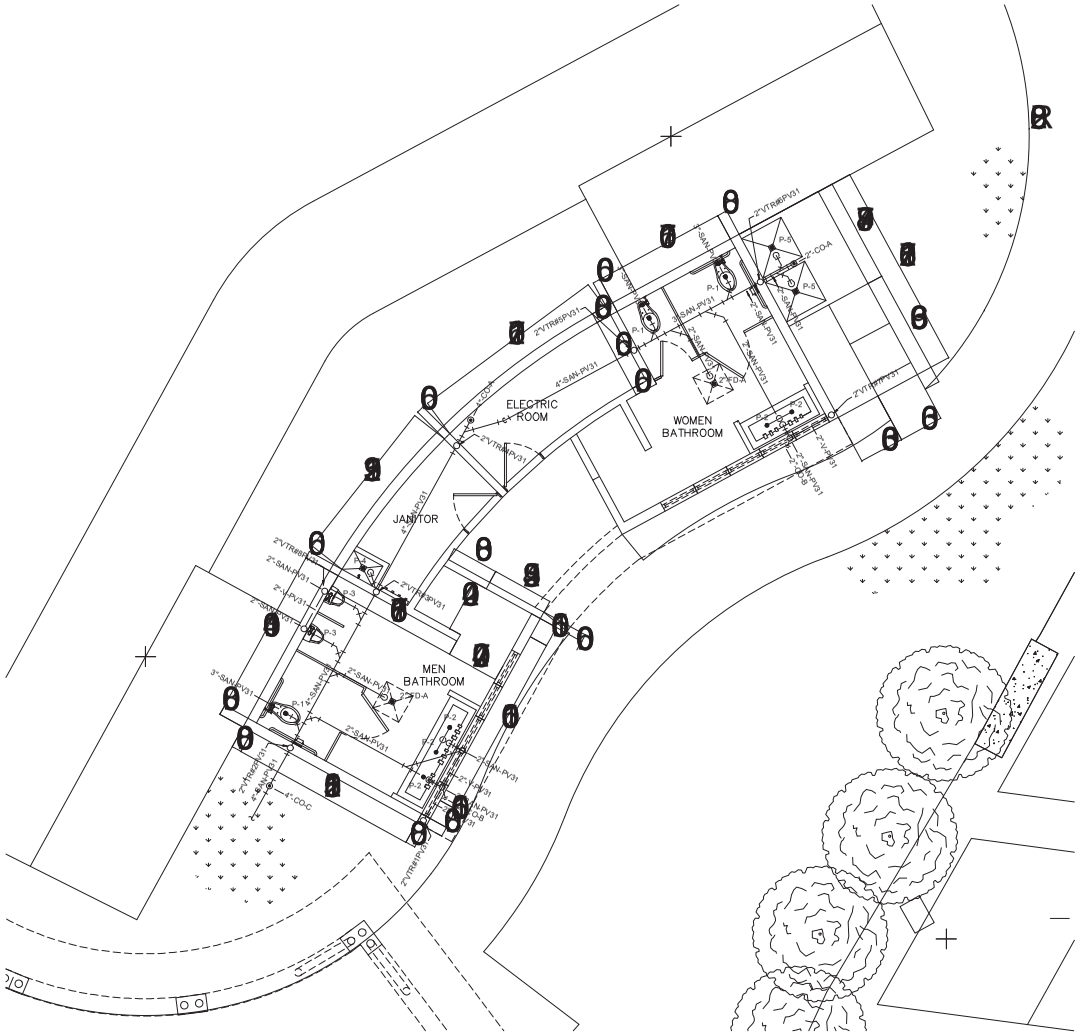
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A	5/25/23	ISSUED FOR REVIEW	AA	AA

PROJECT

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NUMBER	TOTAL
65	83

DRAWING NUMBER
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1 SANITARY SEWER PIPING FLOOR PLAN
SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE ROUGH-IN SCHEDULE

LEGEND	DESCRIPTION	WATER SUPPLY SIZE				TRAP SIZE	VENT SIZE	REMARKS
		BRANCH		FIXTURE				
		COLD	HOT	COLD	HOT			
P-1	FLUSH VALVE WATER CLOSET	1"	-	1"	-	3"	2"	
P-2	LAVATORY	1/2"	-	3/8"	-	1-1/2"	1-1/2"	
P-3	FLUSH VALVE URINAL	3/4"	-	3/4"	-	2"	2"	
P-4	SERVICE SINK	1/2"	-	3/8"	-	1-1/2"	1-1/2"	2
P-5	SHOWER STALL	1/2"	-	1/2"	-	2"	1-1/2"	1
HB-1	HOSE BIBB	1/2"	-	-	-	-	-	

REMARKS

1. PROVIDE STAINLESS STEEL FLOOR DRAIN FD-B
2. PROVIDE STAINLESS STEEL FLOOR DRAIN FD-A WALL HOSE BIBB (1/2" DIAMETER)

PLUMBING ACCESSORIES SCHEDULE

TAG	DESCRIPTION	SPECIFICATION	SIMILAR TO
CO-A	FLOOR CLEANOUT FINISHED FLOOR (TILES)	COATED CAST IRON FLOOR CLEANOUT, INTERNAL ABS CLEANOUT PLUG, ADJUSTABLE CAST IRON HOUSING WITH MEDIUM-DUTY SCORIATED SECURED NIKALOY COVER AND SQUARE FRAME. DIMENSION AS SHOWN IN FLOOR PLAN.	JOSAM SERIES 55000-SQ
CO-B	WALL CLEAN OUT	COATED CAST IRON CLEANOUT TEE AND RECESSED BRONZE N.P.T. THREADED PLUG. DIMENSION AS SHOWN IN FLOOR PLAN. WHERE EXPOSE, PROVIDE ROUND STAINLESS STEEL WALL ACCESS COVER WITH SCREW.	JOSAM SERIES 58910 WITH 58600
CO-C	FLOOR CLEANOUT ON GRADE (NO FLOOR)	PLASTIC PVC, TYPE I FITTING CLEAN OUT ADAPTER AND FLUSH CLEAN OUT PLUG. PROVIDE A 18" X 18" X 6" CONCRETE BLOCK FOR CLEAN OUTS ON GRADE	CHARLOTTE PIPE PVC
FD-A	FLOOR DRAIN	STAINLESS STEEL (304) FLOOR DRAIN,6" X 6" SQUARE TOP, 6" DEEP, NO-HUB OUTLET. DIMENSION AS SHOWN IN FLOOR PLAN. WITH FILTER BASKET. PROVIDE BACKFLOW PREVENTER DIAPHRAGM SIMILAR TO PROVENT TRAP GUARD	JOSAM SERIES 41330 - FB
FD-B	FLOOR DRAIN SHOWERS (P-5)	304 STAINLESS STEEL SHOWER CHANNELS. WITH STANDARD 2" NO-HUB CONNECTION, ANCHOR TABS, LEVELING FEET AND GRATES. PROVIDE BACKFLOW PREVENTER DIAPHRAGM SIMILAR TO PROVENT TRAP GUARD	JOSAM SERIES 46200 46242
WHA-A	WATER HAMMER ARRESTOR	11 FIXTURE UNITS OR LESS. SHOCK ABSORBER/WATER HAMMER ARRESTOR WITH STAINLESS STEEL SHELL, HYDRO-PNEUMATIC CUSHION OF NITROGEN GAS, STAINLESS STEEL BELLOWS AND STAINLESS STEEL MALE THREADED PIPE NIPPLE. PROVIDE SHUT OFF VALVE WHEN INSTALLED ON MAIN PIPE. PROVIDE ACCESS DOOR IF INSTALLED INSIDE A WALL ,OR OVER A GYPSUM BOARD CEILING. PROVIDE 12" X 12" X 6" STAINLESS STEEL RECESSED VALVE BOX SIMILAR TO BEST ACCESS DOORS MODEL BA-ARVB-12-12-6	JOSAM SERIES 75001A
HB-1	HOSE BIBB	1/2" DIAMETER	MULLER 103-003NL
AD-A	STAINLESS STEEL RECESSED VALVE BOX	12" X 12" X 6" STAINLESS STEEL RECESSED VALVE BOX. 16 GAUGE DOOR. SCREWDRIVER OPERATED CAM LATCH. HINGE: CONTINUOUS, CONCEALED	BEST ACCESS DOORS MODEL BA-ARVB-12-12-6

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DRAWING NAME
SANITARY SEWER PIPING FLOOR PLAN AND SCHEDULES

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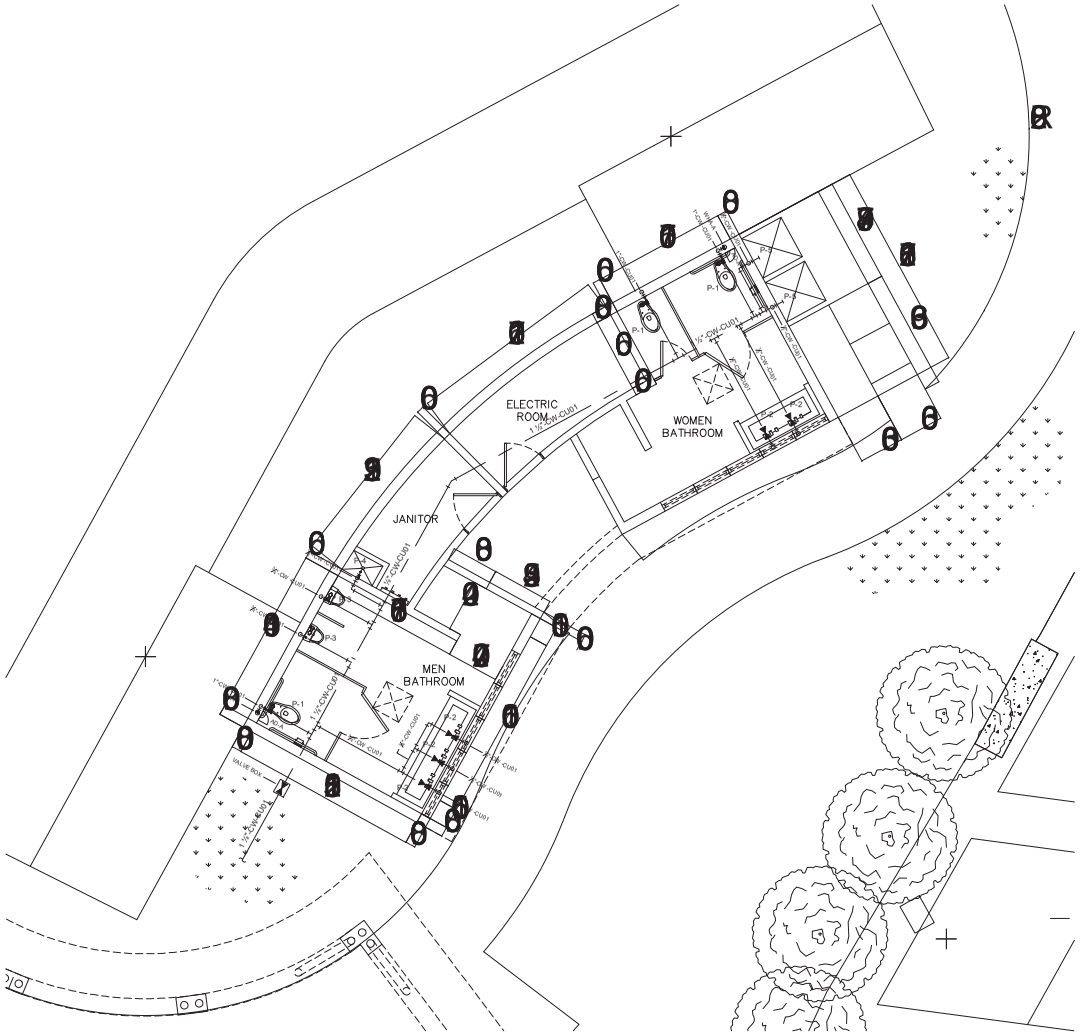
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① POTABLE WATER PIPING FLOOR PLAN
SCALE: 1/4" = 1'-0"

PIPING MATERIAL SCHEDULE

Service		Condition	Piping Material
Tag	Description		SPEC TAG
CW	Domestic Cold Water	All	CU01
SAN	Sanitary Waste	Underground	PV31
SAN	Sanitary Waste	Aboveground	PV31
V	Sanitary Vent	All	PV31
VTR	Sanitary Vent - Vent Thru Roof	All	PV31

PIPING MATERIAL SPEC SCHEDULE

Tag	Material	SPECIFICATION
CU01	Copper Tubing, Type L, General	Copper, ASTM B88, hard drawn, seamless, Type L. Tubing used in potable water systems shall be NSF 61 certified, and lead free (< 0.25% lead by weight on wetted parts.)
PV31	PVC, Polyvinyl Chloride Pipe, Waste System	Polyvinyl Chloride (PVC) pipe, ASTM D1784, cell class 12454, and conforming to NSF standard 14. Pipe shall be iron pipe size (IPS) conforming to ASTM D1785 and D2665.
PV34	CPVC Waste System	Chlorinated Polyvinyl Chloride (CPVC) pipe, ASTM F2618, Type IV, Grade I, cell class 24447, ASTM D1784, and conforming to NSF standard 14. Piping shall bear the mark NSF-cw for use in corrosive waste drainage.

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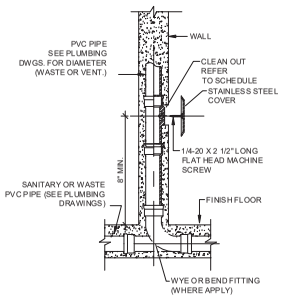
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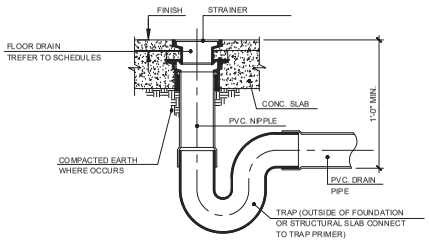
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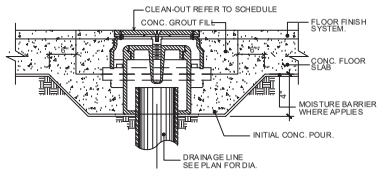
TYPICAL CLEANOUT INSTALLATION AT WALLFLUSH WITH WALL COVER

1 NOT TO SCALE



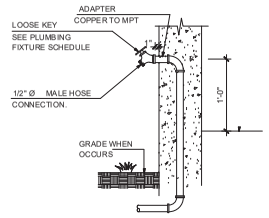
TYP. FLOOR DRAIN DETAIL

2 NOT TO SCALE



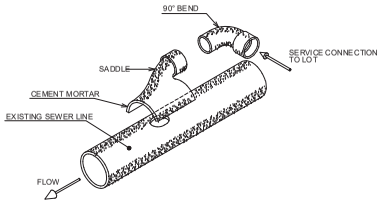
TYPICAL FLUSH WITH FLOOR CLEANOUT DETAIL

3 NOT TO SCALE



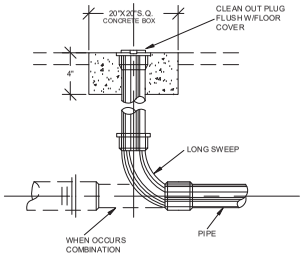
WALL MOUNTED HOSE BIBB DETAIL

4 NOT TO SCALE



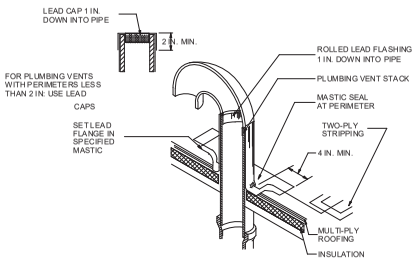
DETAIL OF SADDLE CONNECTION

5 NOT TO SCALE



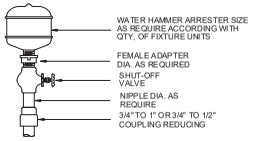
CLEAN OUT DETAIL EXTERIOR

6 NOT TO SCALE



VENT PENETRATION DETAIL

7 NOT TO SCALE

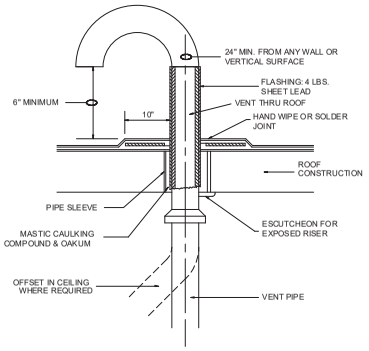


ELEVATION

NOTE: PROVIDE ACCESS PANEL IN WALL HIGHPOINT PIPE

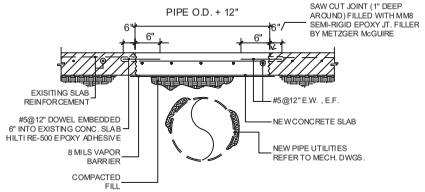
WATER HAMMER ARRESTER DETAIL (WHA)

8 NOT TO SCALE



VENT THRU ROOF DETAIL

9 NOT TO SCALE



CONCRETE SLAB PATCH FOR UNDERGROUND PIPE INSTALLATION

10 NOT TO SCALE

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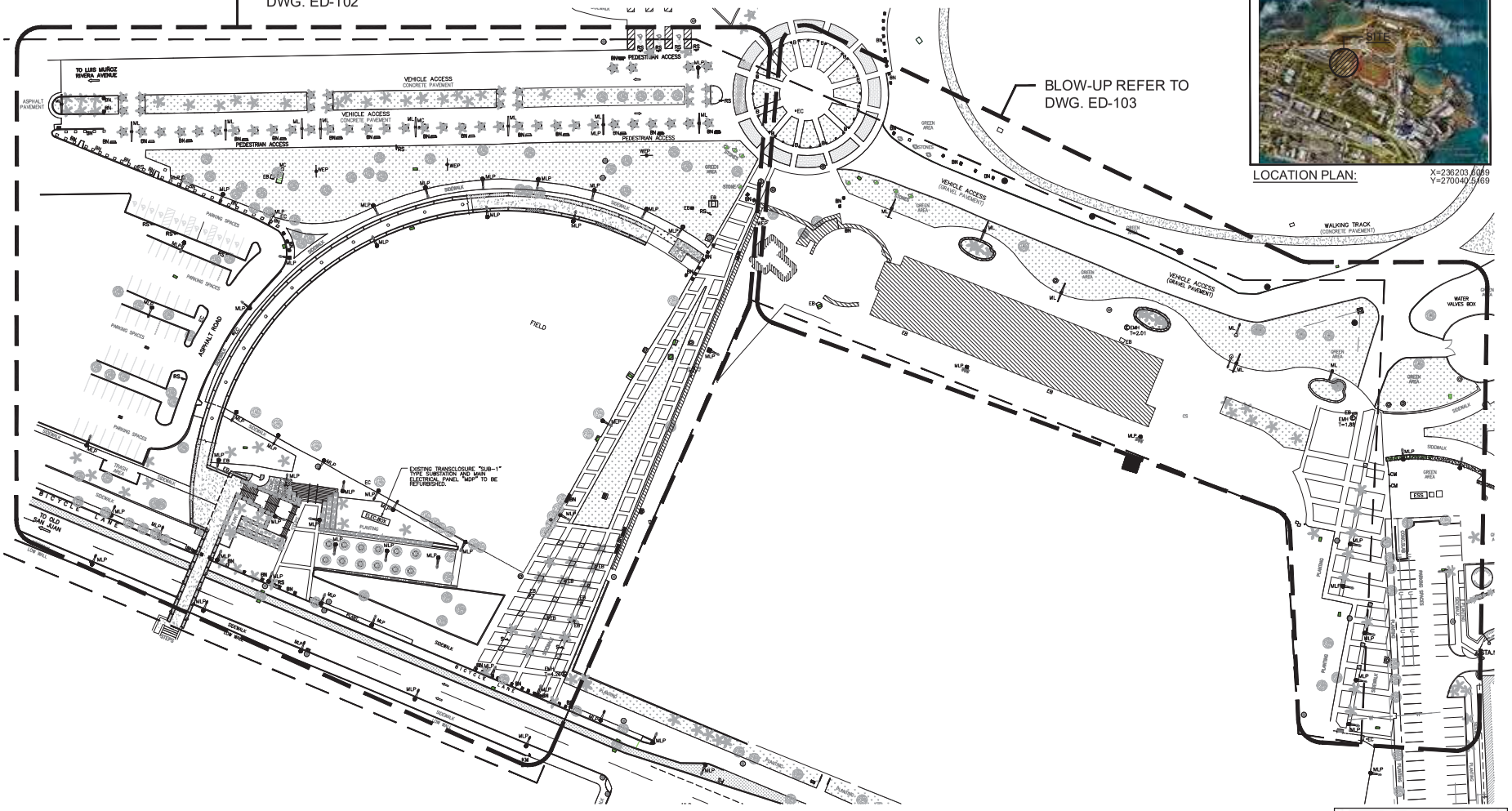
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ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:500



LOCATION PLAN: X=236203.6069 Y=270040.5169

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YO, JORGE SANTORI TRISTANI, INGENIERO LICENCIADO #13812 CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO LOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CONCURRIENTES CON Y ESTABLECIDO CONFORME CON EL CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. EN ESTE CO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2008, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1976, SEGÚN ENMENDADA; SEGÚN APLIQUES. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON LAS CUALES YO NO HAGA RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y SOY RESPONSABLE POR LA MISMA.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT

THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOE DELIVERY	JST	JST

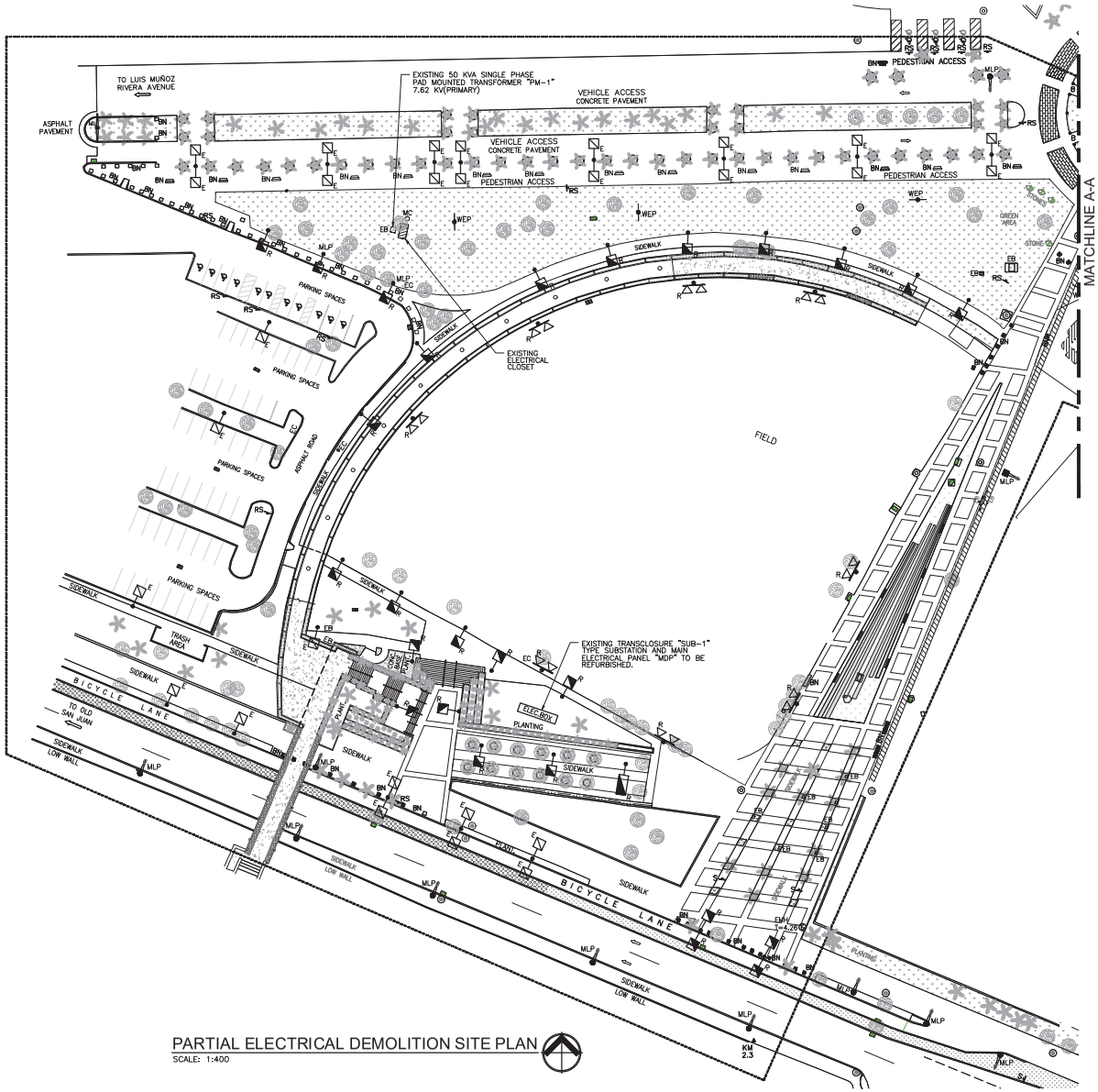
PROJECT
—

DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
69	83

DRAWING NUMBER
ED-101

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PARTIAL ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:400

GENERAL ELECTRICAL DEMOLITION NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND BUILDINGS TO VERIFY THE EXISTING CONDITIONS BEFORE STARTING WORK. EXAMINE THE BUILDING TO DETERMINE ACTUAL CONDITIONS AND EXTENT OF WORK PRIOR TO BIDDING THE PROJECT. REFER ANY UNCLEAR DETAILS OR CONFLICTS TO THE ARCHITECT/ENGINEER FOR CLARIFICATION PRIOR TO BIDDING THE DRAWINGS.
2. VERIFY THAT THE WIRING AND EQUIPMENT INDICATED TO BE DEMOLISHED SERVES ONLY THE ABANDONED FACILITIES.
3. DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATIONS AND EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO ARCHITECT/ ENGINEER BEFORE DISTURBING THE EXISTING INSTALLATION.
4. DEMOLISH AND REMOVE ALL THE ELECTRICAL SYSTEM INDICATED FOR DEMOLITION. NO PORTION OF THESE SYSTEMS MAY BE ABANDONED IN PLACE.
5. REMOVE ABANDONED WIRING AND CONDUITS TO THE SOURCE OF SUPPLY.
6. CONTRACTOR SHALL VERIFY AND CONFIRM THAT THE AREAS TO BE DEMOLISHED ARE DISCONNECTED FROM THE POWER SOURCE BEFORE THE DEMOLITION BEGINS.
7. DISPOSE OF FLUORESCENT LAMPS, BALLAST, AND ANY THEIR HAZARDOUS MATERIALS ACCORDING WITH THE STATE, LOCAL AND FEDERAL REGULATIONS.
8. NO WORK CAN COMMENCE UNTIL EVIDENCE IS SUPPLIED TO THE DEMOLITION CONTRACTOR OF DISCONNECTION OF THE MAIN ELECTRICAL SERVICE TO THE PROJECT SITE AND TO EACH OF THE BUILDINGS AND STRUCTURES OF THE PROJECT. FOR ANY LIVE POWER STILL ON SITE A LIVE POWER DANGER STICKER IS REQUIRED.
9. CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL UTILITY COMPANY (LUMA) ALL THE WORK NEEDED TO DISCONNECT THE PROJECT FROM THE ELECTRICAL UTILITY PRIMARY AND SECONDARY SERVICE LINES BEFORE STARTING ANY WORK.
10. CONTRACTOR SHALL NOT COMMENCE UNTIL IT HAS CONFIRM THAT ALL OF THE SWITCHING UNITS, TRANSFORMERS, METERBANKS, ELECTRICAL PANELS, LIGHTING FIXTURES AND ANY OTHER ELECTRICAL DEVICES IN THE BUILDING AND SITES ARE DISCONNECTED FROM THE MAIN ELECTRICAL SERVICE AND ARE DE-ENERGIZED BEFORE THE REMOVAL.
11. CONTRACTOR SHALL VERIFY TRANSFORMERS WITH PCB ARE DISPOSE AS PER LOCAL AND FEDERAL REGULATIONS.
12. ALL THE UNDERGROUND AND AERIAL ELECTRICAL LINES SPECIFIED AS TO BE REMOVED SHALL BE DISPOSED BY THE CONTRACTOR.
13. CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ALL THE SURPLUS MATERIALS, DEMOLISHED MATERIALS AND DEBRIS GENERATED BY THE ELECTRICAL WORK.
14. LOCATION OF EXISTING ELECTRICAL EQUIPMENT SHALL BE VERIFIED ON FIELD.
15. REMOVE ALL EXPOSED ELECTRICAL INSTALLATIONS.
16. THE DEMOLITION DRAWINGS DO NOT SHOWN NECESSARILY THE SEQUENCE OF THE DEMOLITION WORK. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL THE WORK WITH THE DEMOLITION CONTRACTOR, OWNER AND THE ARCHITECT/ENGINEERS OF THE PROJECT.
17. CONTRACTOR SHALL REMOVE OF ALL THE ELECTRICAL LINES AND CONDUITS CONNECTED TO POLES TO BE DEMOLISHED.
18. CONTRACTOR SHALL REMOVE AND DEMOLISH ALL EQUIPMENTS LOCATED IN ELECTRICAL VAULTS.
19. THE INFORMATION ON THE DRAWINGS AND NOTES INCLUDED ON THE DRAWINGS OR THE INVOLUNTARY OMMISION OF OTHERS DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY OF VISITING THE PROJECT SITE AND MAKE HIMSELF COMPLETELY AWARE OF ALL THE CONDITIONS INVOLVE IN THE PROJECT OF PREPARING HIS OWN EXISTING CONDITION AND DEMOLITION RESEARCH, AND TO INCLUDE THE NECESSARY COST IN HIS BID TO COVER ALL THE DEMOLITION REQUIRED TO COMPLETE THE DEMOLITION WORK REQUIRED ON THE CONTRACT DOCUMENT.
20. BEFORE STARTING ANY WORK THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PUERTO RICO ELECTRICAL AND POWER AUTHORITY (LUMA) AND THE JUNTA REGLAMENTADORA DE TELECOMUNICACIONES DE PUERTO RICO (JRTPR).
21. ELECTRICAL DISCONNECTION SHALL BE PERFORMED BY A LICENSED ELECTRICAL ENGINEER AND ELECTRICIAN.
22. UNDERGROUND LINES SHOWN ON DRAWINGS ARE DIAGRAMATIC. CONTRACTOR IS RESPONSIBLE OF TRACING ALL ELECTRICAL LIGHTING, TELEPHONE, CABLE TV AND TELECOMMUNICATION UNDERGROUND LINES AND REMOVE THEM ACCORDING TO THE REQUIREMENTS SHOWN ON THE DRAWINGS.

ELECTRICAL SITE LEGEND:

- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMOVED.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING BALLPARK LIGHTING POLE AND LUMINAIRES TO BE REMOVED.

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PARTIAL ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT
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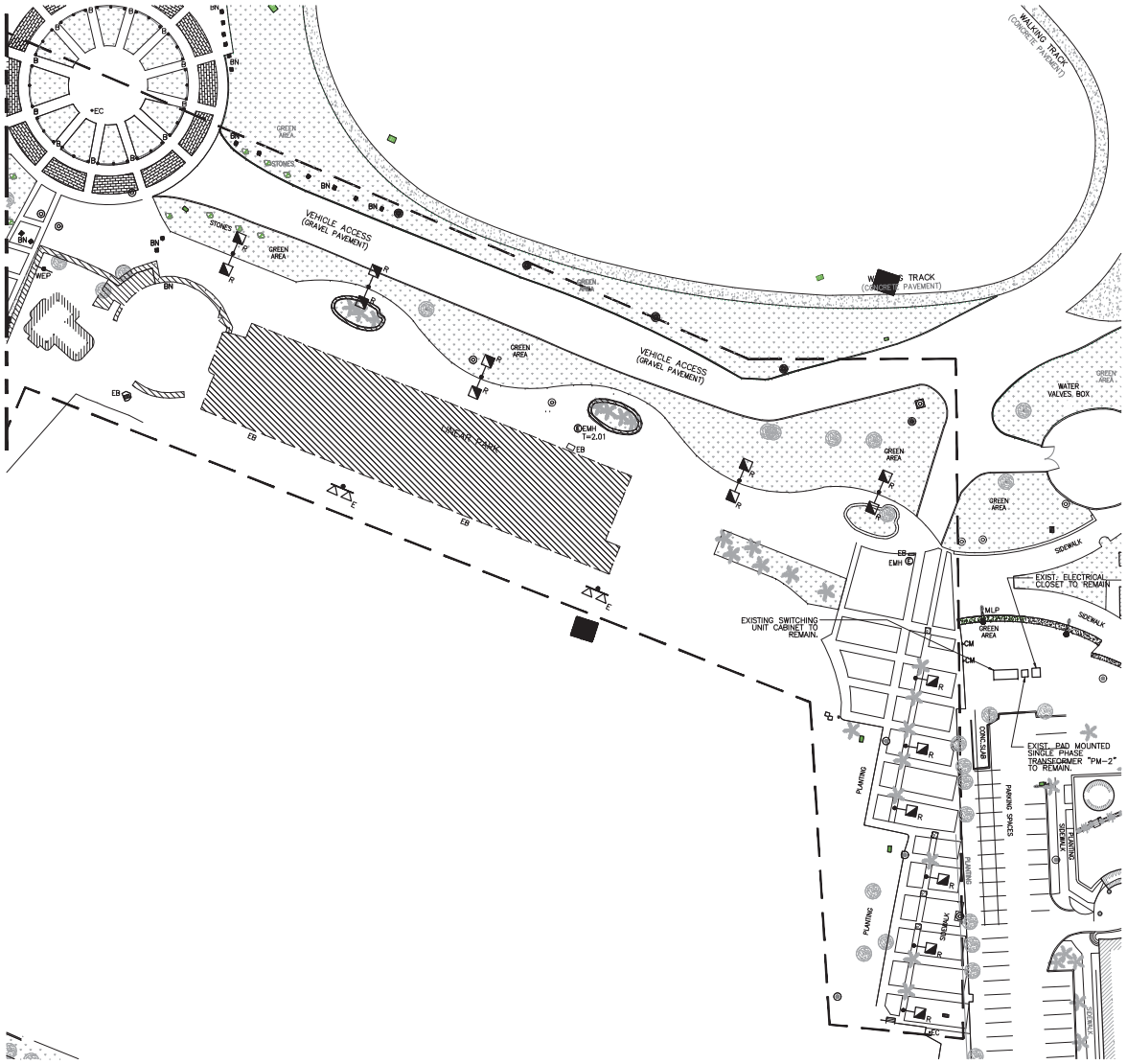
NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BIDS DELIVERY	JST	JST

PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
70	83

DRAWING NUMBER
ED-102

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PARTIAL ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1:400

NOTES:

1. FOR ELECTRICAL DEMOLITION LEGEND AND DEMOLITION NOTES SEE DWG. ED-102.

ELECTRICAL SITE LEGEND:

- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMOVED.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- SAME AS ABOVE, BUT DOUBLE ARM.
- EXISTING BALLPARK LIGHTING POLE AND LUMINAIRES TO BE REMOVED.
- EXISTING TRACK AND FIELD LIGHTING POLE AND LUMINAIRES TO REMAIN.

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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PARTIAL ELECTRICAL DEMOLITION SITE PLAN

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOK DELIVERY	JST	JST

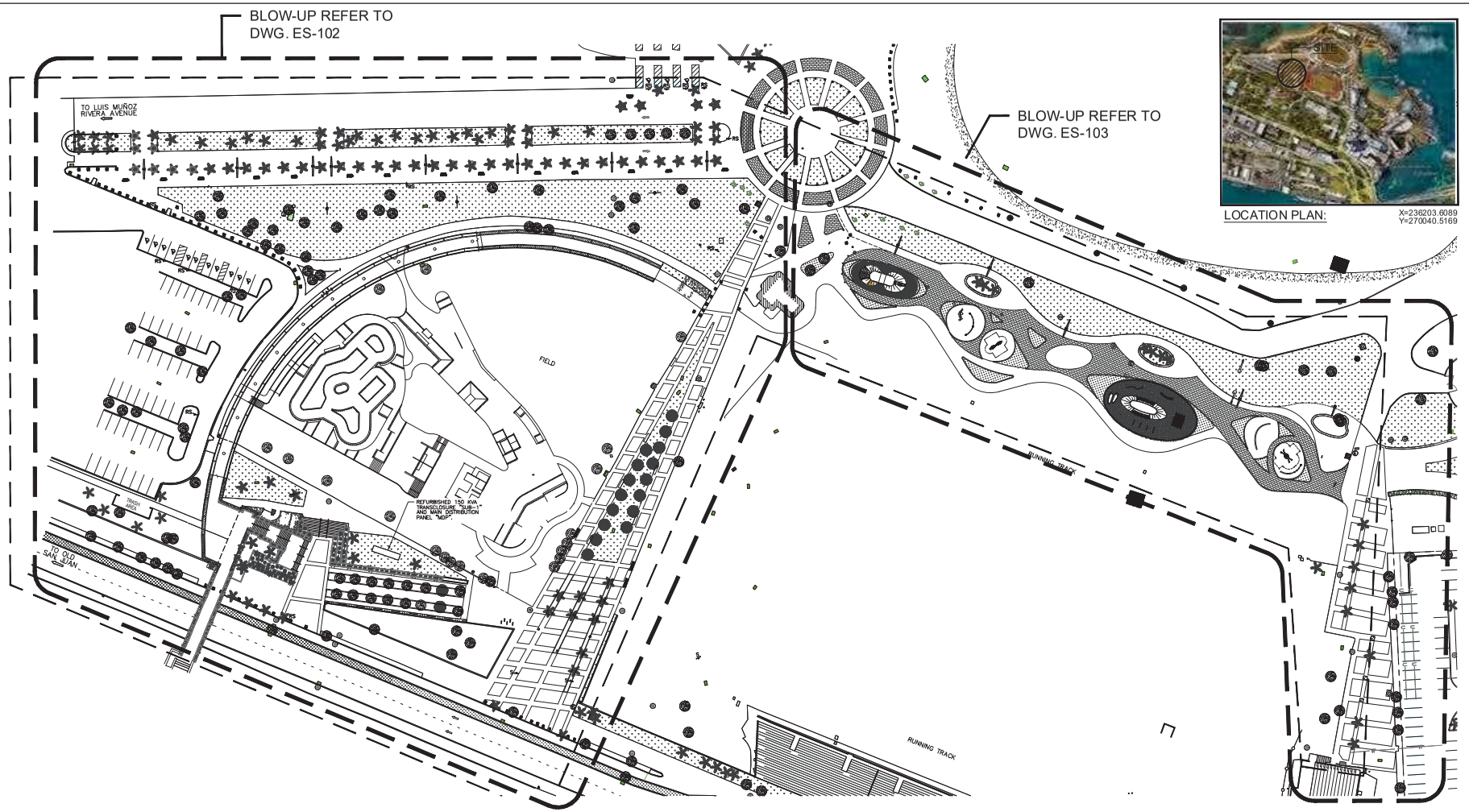
PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
71	83

DRAWING NUMBER
ED-103

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PROPOSED ELECTRICAL AND LIGHTING
SITE PLAN

SCALE: 1:500

LOCATION PLAN:

X=236203.6089
Y=270040.5169

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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY
OF SAN JUAN

PROJECT
ESCAMBROM
SKATEPARK AND
INSPROVEMENTS OF
TERCER MILENIO PARK

DRAWING NAME
PROPOSED ELECTRICAL
AND LIGHTING SITE PLAN

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2020.10.27	90% DELIVERY	JST	JST

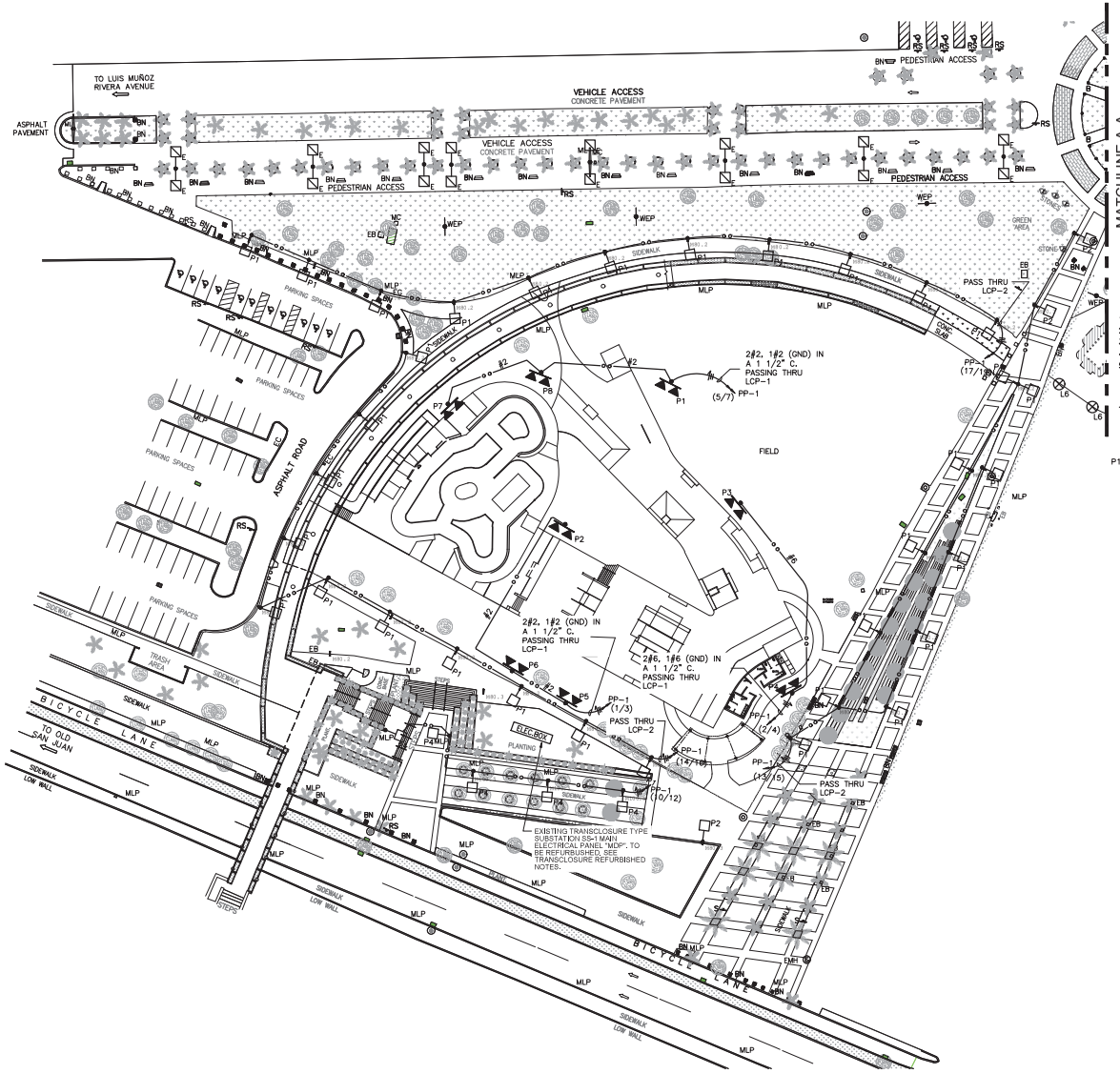
PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
72	83

DRAWING NUMBER
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PROPOSED ELECTRICAL AND LIGHTING
PARTIAL SITE PLAN
SCALE: 1:400



LOCATION PLAN: X=236203.6089 Y=270040.5169

NOTES:

1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001.
2. FOR LIGHTING SITE SCHEDULE SEE DWG. ES-107.
3. REFER TO STRUCTURAL DRAWINGS FOR POLE CONCRETE BASES.
4. FOR LUMA GENERAL NOTES SEE DWG. ES-106.
5. REFER TO DWG. ES-107 FOR THE SKATE PARK LIGHTING POLE SCHEDULE.

LIGHTING SITE LEGEND:

- P1 — NEW SINGLE ARM POLE AND LUMINAIRE. "P1" INDICATES POLE AND LUMINAIRE DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAIL.
- P1 P2 L1 — SAME AS ABOVE, BUT DOUBLE ARM.
- NEW LIGHTING BOLLARD. "L1" INDICATES BOLLARD DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAILS.
- #8 (1) — NEW LIGHTING CIRCUIT, 24" BELOW FINISHED GRADE. DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
- PP (1,2) — HOME RUN TO PANEL, 24" BELOW FINISHED GRADE. "PP" INDICATES DESTINATION PANEL AND THE NUMBERS INDICATES CIRCUIT NUMBERS (IF NUMBERS ARE SEPARATED BY "/ " THIS MEANS THAT IS A MULTIPOLE CIRCUIT)DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
- E — EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
- E E — SAME AS ABOVE, BUT DOUBLE ARM.
- P1 — NEW SKATEPARK LIGHTING POLE AND LUMINAIRES. REFER TO MUSCO POLE SCHEDULE FOR DETAILS.

TRANSCLOSURE REFURBISH NOTES:

THE EXISTING SKATE PARK TRANSCLOSURE SUBSTATION MUST BE REPAIR. THE FOLLOWING JOBS MUST BE DONE AS PART OF THE REPAIR.

1. COORDINATE ALL OF THE WORK WITH LUMA BEFORE PURCHASING ANY EQUIPMENT AND STARTING ANY WORK.
2. CLEAN AND REPAIR THE EXTERIOR AND INTERIOR OF THE SUBSTATION.
3. REPLACE THE PRINARY FEEDER, TERMINALS AND ANY RELATED ITEM FROM THE PRIMARY LOAD BREAK UP TO THE TRANSFORMER SECTION.
4. REPLACE THE EXISTING TRANSFORMERS WITH THE TRANSFORMER SPECIFIED IN THE ELECTRICAL DIAGRAM.
5. PERFORM THE ELECTRICAL CONNECTIONS IN THE TRANSFORMER SECTION WITH THE NECESSARY MATERIALS AND WITH THE GROUNDING REQUIREMENTS FROM LUMA.
6. REMOVE AND REPLACE THE EXISTING SECONDARY FEEDER AND TERMINALS WITH THE SPECIFIED ON THE ELECTRICAL DRAWINGS.
7. REMOVE AND REPLACE THE EXISTING MAIN DISTRIBUTION PANEL AND CIRCUIT BREAKERS WITH THE SPECIFIED ON THE ELECTRICAL DIAGRAM.
8. WORK MUST BE PERFORM FOLLOWING THE NATIONAL ELECTRICAL CODE AND LUMA REQUIREMENTS.
9. WORK MUST BE PERFORM AND CERTIFIED BY AN LICENSED ELECTRICIAN.

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CONSULTANT'S SEAL

YO, JORGE SANTORI TRISTANI, INGENIERO LICENCIADO #18424, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ LOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CONCURRIENTES CON Y ESTABLECEN EL CONTENIDO CON (CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018). (EN EL CASO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LOS REQUISITOS EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2008, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA A PUERTO RRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUES. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HA PROPORCIONADO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, SERÁ MOTIVO SUFICIENTE PARA QUE LA AUTORIDAD NOMINADORA TOME LA ACCIÓN QUE ESTIME PERTINENTE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PROPOSED ELECTRICAL AND LIGHTING PARTIAL SITE PLAN

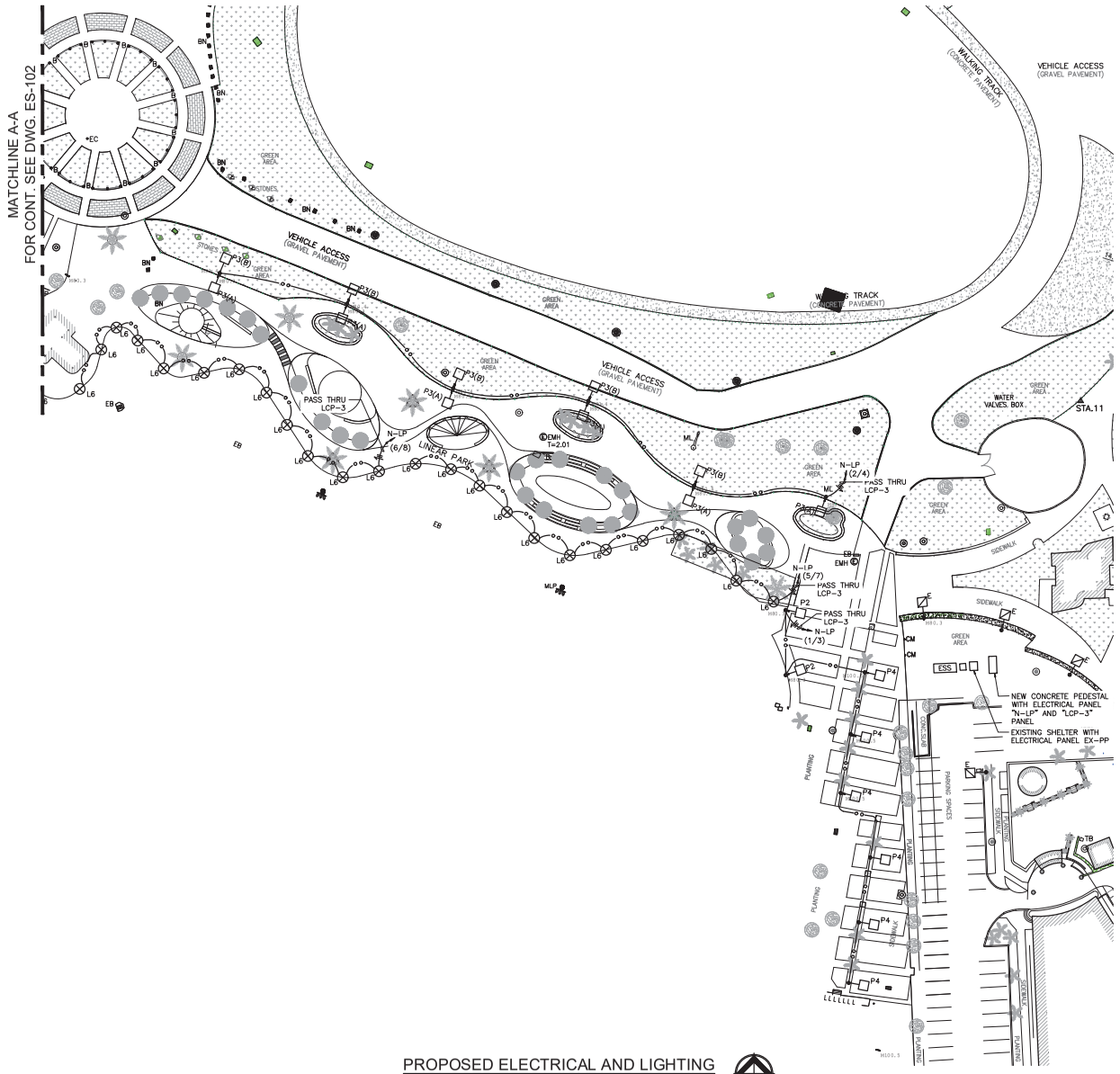
COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOX DELIVERY	JST	JST

PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
73	83

DRAWING NUMBER
ES-102



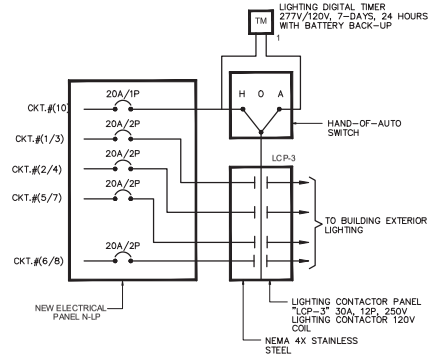
PROPOSED ELECTRICAL AND LIGHTING
PARTIAL SITE PLAN
SCALE: 1:400

NOTES:

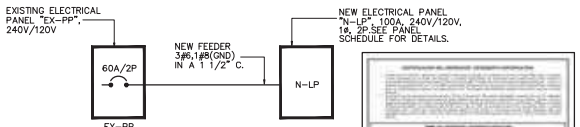
1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001.
2. FOR LIGHTING SITE SCHEDULE SEE DWG. ES-107.
3. REFER TO STRUCTURAL DRAWINGS FOR POLE CONCRETE BASES.
4. FOR LUMA GENERAL NOTES SEE DWG. ES-106.
5. REFER TO DWG. ES-107 FOR THE SKATE PARK LIGHTING POLE SCHEDULE.

LIGHTING SITE LEGEND:

P1	NEW SINGLE ARM POLE AND LUMINAIRE. "P1" INDICATES POLE AND LUMINAIRE DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAIL.
P2	SAME AS ABOVE, BUT DOUBLE ARM.
L1	NEW LIGHTING BOLLARD. "L1" INDICATES BOLLARD DESIGNATION. SEE SITE LIGHTING POLE SCHEDULE FOR DETAILS.
#8 (1)	NEW LIGHTING CIRCUIT, 24" BELOW FINISHED GRADE. DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
PP (1,2)	HOME RUN TO PANEL, 24" BELOW FINISHED GRADE. "PP" INDICATES DESTINATION PANEL AND THE NUMBERS INDICATES CIRCUIT NUMBERS (IF NUMBERS ARE SEPARATED BY "/ " THIS MEANS THAT IS A MULTIPOLE CIRCUIT)DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHOT LINE BEING THE LIVE CONDUCTORS AND /= GROUND CONDUCTOR WITH THE CONDUIT SIZE SPECIFIED IN THE HOME RUN. THE #8 INDICATES THE CONDUCTOR SIZE. IF NO DASHES OR CONDUCTOR SIZE ARE SHOWN USE 2#8, 1#8(GND) IN A 1" CONDUIT. (UON)
E	EXISTING SINGLE ARM POLE AND LUMINAIRE TO BE REMAIN.
E E	SAME AS ABOVE, BUT DOUBLE ARM.
P1	NEW SKATEPARK LIGHTING POLE AND LUMINAIRES. REFER TO MUSCO POLE SCHEDULE FOR DETAILS.



LCP-3 LIGHTING CONTACTOR PANEL DIAGRAM



ELECTRICAL DIAGRAM

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
PROPOSED ELECTRICAL AND LIGHTING PARTIAL SITE PLAN

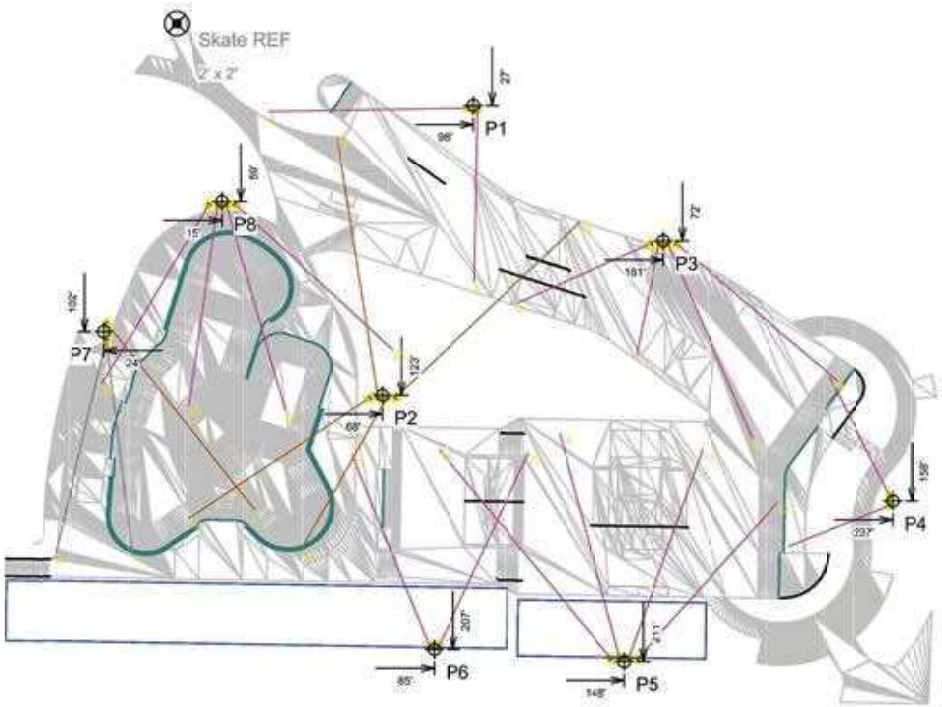
COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2025.10.27	BOK DELIVERY	JST	JST

PROJECT
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DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
74	83

DRAWING NUMBER
ES-103



Escambrón Skate Park

San Juan,PR

DISPOSICIÓN DEL EQUIPO

Incluye:

- Skate REF

Requerimientos del Sistema Electrico:

Referirse a la Tabla de Amperaje o al Resumen del Sistema de Control MUSCO para tamaño del cable.

Requerimientos de Instalación: Resultados asumen ± 3% del voltaje nominal al lado de la linea del conductor y estructuras ubicadas dentro de 1m de ubicación del diseño.

Listado de equipo para área mostrada

	Poste			Luminarias		
Cant.	UBICACIÓN	TAMAÑO	Nivel de Terreno ELEVACIÓN	Altura de Montura	Tipo de Lampara	Cant./ POSTE
2	P1, P4	50'	-	50'	TLC-LED-550	2
1	P2	70'	5.5'	75.5'	TLC-LED-550	4
2	P3, P8	50'	-	50'	TLC-LED-550	4
1	P5	50'	-	60'	TLC-LED-550	4
1	P6	60'	25'	60.25'	TLC-LED-550	2
1	P7	50'	-	50'	TLC-LED-550	3
8	TOTALES					25

TABLA DEL AMPERAJE POR LÁMPARA

Driver (.90 factor de potencia min.)	Linea de amperaje por lámpara (máximo consumo)						
Tensión Monofasico	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-550	3.2	3.0	2.6	2.4	1.9	1.8	1.4

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CLIENT

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OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SKATE PARK PHOTOMETRY AND SCHEDULE

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOE DELIVERY	JST	JST



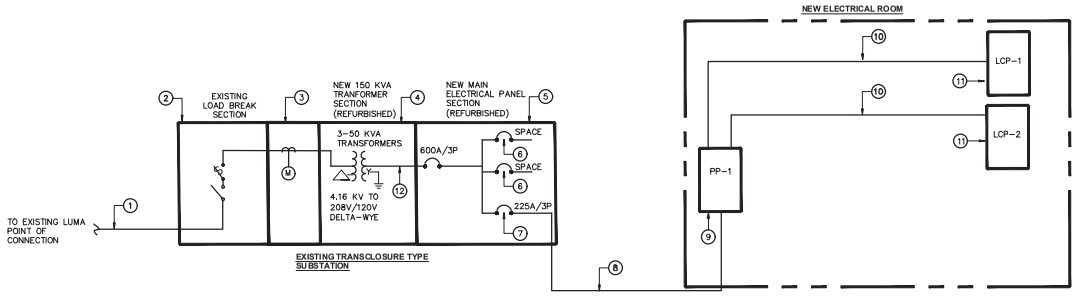
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PROJECT
--

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R.L.R. J.S.T.

NUMBER	TOTAL
75	83

DRAWING NUMBER
ES-104



SKATE PARK ELECTRICAL DIAGRAM

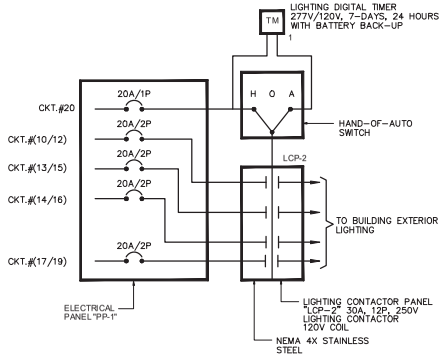
SKATE PARK DIAGRAM LEGEND:

1. EXISTING PRIMARY FEEDER TO REMAIN.
2. EXISTING PRIMARY LOAD BREAK SWITCH SECTION TO REMAIN. FUSE SIZE TO BE CHANGE TO 10E.
3. EXISTING LUMA METER SECTION TO REMAIN.
4. EXISTING TRANSFORMER SECTIONS TO REMAIN AND TO BE REFURBISHED, BUT THE EXISTING TRANSFORMERS AND ALL OF THE RELATED EQUIPMENT TO BE REMOVED. INSTALL 3-50 KVA TRANSFORMERS, ONE PHASE, 4.16 KV DELTA PRIMARY AND 208V/120V WYE SECONDARY, 4-WIRE, SOLID NEUTRAL, WYRE SECONDARY SERVICE WITH 4-2 1/2% TAPS BELOW NORMAL PRIMARY VOLTAGE. TRANSFORMER MUST BE COMPLY WITH THE DEPARTMENT OF ENERGY REGULATIONS AND STANDARDS.
5. EXISTING MAIN DISTRIBUTION PANEL SECTION TO REMAIN AND TO BE REFURBISHED. EXISTING MAIN ELECTRICAL PANEL AND BREAKERS TO BE REMOVED AND REPLACED WITH A NEW MAIN ELECTRICAL PANEL 600A, 208V/120V, 3Φ, 4 WIRE, 42 KAIC. WITH MAIN BREAKER.
6. NEW SPARE SPACE FOR FUTURE BREAKERS.
7. NEW CIRCUIT BREAKER TO BE INSTALLED. AMPERES AND POLES AS INDICATED.
8. NEW FEEDER 4-250 KCMIL, 1#4 (GND) IN A 3 1/2" CONDUIT.
9. NEW ELECTRICAL DISTRIBUTION PANEL. SEE PANEL SCHEDULE FOR DETAILS.
10. NEW VARIOUS LIGHTING CIRCUITS. REFER TO LIGHTING CONTACTORS DIAGRAM FOR DETAILS.
11. NEW LIGHTING CONTACTOR PANEL. SEE LIGHTING CONTACTOR DIAGRAM FOR DETAILS.
12. NEW SECONDARY FEEDER TWO (2) SETS EACH CONSISTING OF 4-350 KCMIL, 1#1/0 (GND).

TRANSCLOSURE REFURBISH NOTES:

THE EXISTING SKATE PARK TRANSCLOSURE SUBSTATION MUST BE REPAIR. THE FOLLOWING JOBS MUST BE DONE AS PART OF THE REPAIR.

1. COORDINATE ALL OF THE WORK WITH LUMA BEFORE PURCHASING ANY EQUIPMENT AND STARTING ANY WORK.
2. CLEAN AND REPAIR THE EXTERIOR AND INTERIOR OF THE SUBSTATION.
3. REPLACE THE PRINARY FEEDER, TERMINALS AND ANY RELATED ITEM FROM THE PRIMARY LOAD BREAK UP TO THE TRANSFORMER SECTION.
4. REPLACE THE EXISTING TRANSFORMERS WITH THE TRANSFORMER SPECIFIED IN THE ELECTRICAL DIAGRAM.
5. PERFORM THE ELECTRICAL CONNECTIONS IN THE TRANSFORMER SECTION WITH THE NECESSARY MATERIALS AND WITH THE GROUNDING REQUIREMENTS FROM LUMA.
6. REMOVE AND REPLACE THE EXISTING SECONDARY FEEDER AND TERMINALS WITH THE SPECIFIED ON THE ELECTRICAL DRAWINGS.
7. REMOVE AND REPLACE THE EXISTING MAIN DISTRIBUTION PANEL AND CIRCUIT BREAKERS WITH THE SPECIFIED ON THE ELECTRICAL DIAGRAM.
8. WORK MUST BE PERFORM FOLLOWING THE NATIONAL ELECTRICAL CODE AND LUMA REQUIREMENTS.
9. WORK MUST BE PERFORM AND CERTIFIED BY AN LICENSED ELECTRICIAN.



LCP-2 LIGHTING CONTACTOR PANEL DIAGRAM



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PROJECT
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DRAWING NAME
ELECTRICAL DIAGRAM

COMPUTER PLOT
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NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOK DELIVERY	JST	JST

PROJECT
--
DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
76	83

DRAWING NUMBER
ES-105

LUMA/P.R.E.P.A. GENERAL NOTES:

1. THIS DRAWINGS ARE AN EXACT COPY OF THE DRAWINGS SUBMITTED TO THE OGPE.
2. BEFORE STARTING DATE OF THE PROJECT THE OWNER IS RESPONSIBLE IN OBTAINING ALL THE NECESSARY ENDORSEMENTS AND PERMITS FROM ALL THE STATE, MUNICIPALITY AND FEDERAL GOVERMENT AGENCIES THAT COULD BE REQUIRED FOR THIS TYPE OF PROJECT.
3. THE OWNER SHALL CONTRACT THE SERVICES OF A LICENSE ENGINEER TO INSPECT ALL THE ELECTRICAL WORKS IN ACCORDANCE WITH THE CERTIFIED LAW (LAW NO. 7, JULY 19, 1995) AND THE P.R.E.P.A. MANUAL "REGLAMENTOS DE CERTIFICACION DE PLANOS DE PROYECTOS DE CONSTRUCCION ELECTRICA" THE OWNER IS RESPONSIBLE OF NOTIFYING THE P.R.E.P.A. THE ASSIGNED PRIVATE INSPECTOR BEFORE STARTING ANY WORKS.
4. ALL CONSTRUCTION SHALL BE DONE IN A THOROUGH AND WORKMANLIKE MANNER, IN ACCORDANCE WITH THE SPECIFICATIONS AND CONSTRUCTION DRAWINGS. THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, NESC, IEEE, NEMA AND ANSI STANDARDS, SHALL BE FOLLOWED, EXCEPT WHERE LOCAL REGULATIONS ARE MORE STRINGENT, IN WHICH CASE LOCAL REGULATIONS SHALL GOVERN.
5. THE CONTRACTOR IS NOT AUTHORIZED TO MAKE CHANGES FROM THE ELECTRICAL DESIGN. IT SHOULD BE RESPONSIBLE TO CONSULT THE ELECTRICAL DESIGNER OR THE PROJECT INSPECTOR ANY DOUBTS OF INTERPRETATIONS OF THE DRAWINGS, EXECUTION OF THE WORK, TECHNICAL SPECIFICATIONS OR ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THE PROPOSED DESIGN.
6. THE OWNER OF ELECTRIC CONTRACTOR WILL NOTIFY THE PREPA THE BEGINNING OF THE WORKS OF THE PROJECT, BY MEANS OF THE DELIVERY A START NOTIFICATION DOCUMENT TO THE CORRESPONDING REGION'S DISTRIBUTION ENGINEERING DEPARTMENT.
7. THE PRIVATE INSPECTOR AND THE CONTRACTOR ARE RESPONSIBLE IN ASSISTING TO A PRE-CONSTRUCTION MEETING TO COORDINATE ALL THE WORKS WITH THE ENGINEERING DISTRIBUTION DEPARTMENT OF THE CORRESPONING REGION.
8. ALL WORKS NEEDED TO BE DONE IN THE EXISTING ENERGIZED P.R.E.P.A. LINES INCLUDING CONNECTING THE PROJECT HAS TO BE DONE BY P.R.E.P.A. THE OWNER WILL BE RESPONSIBLE OF ALL THE EQUIPMENT COST, MATERIALS AND LABOR. THE OWNER SHALL REQUEST TO THE P.R.E.P.A. AN ESTIMATE OF THE NECESSARY WORKS. THE ESTIMATE WILL BE VALID FOR A PERIOD OF THREE (3) MONTHS AFTER BEING EXPEDITED.
9. IT WILL BE PROHIBIT TO DO ANY WORK IN THE EXISTING P.R.E.P.A. RIGHT-OF-WAY WITH OUT A WRITTEN AUTHORIZATION LETTER FROM THE P.R.E.P.A.
10. THE P.R.E.P.A. WILL NOT AUTHORIZE ANY CONNECTION IF THERE IS A RIGHT-OF-WAY INVASION CONDITION OR IF THE LINES DOES NOT COMPLY WITH THE SECURITY CLEARANCES.

SPECIAL LUMA/P.R.E.P.A. NOTES:

1. THE OWNER OF THE PROJECT MUST CONTRIBUTE:
   - ☒ THE AMOUNT OF $825.00 FOR IMPROVEMENTS IN THE EXISTING ELECTRICAL INFRASTRUCTURE.
   - ☒ REQUIRED WORKS SPECIFIED IN THE EVALUATION OF THIS PROJECT DATE ON DECEMBER 12, 2022.

   THIS CONTRIBUTION ARE DONE ACCORDING TO THE PROPOSED AGREEMENT WITH THE "REGLAMENTO PARA DETERMINAR Y COBRAR LAS APORTACIONES DE PERSONAS O INSTITUCIONES EN PROYECTOS DE DESARROLLO VIGENTE".
2. P.R.E.P.A. WILL NOT ENERGIZE THE SYSTEM UNTIL ALL THE CORRESPONDING RIGHTS-OF-WAY, ON THE PROJECT AND/OR OFF-SITE, HAVE BEEN GRANTED AS REQUIRED IN THE "REGLAMENTO DE SERVIDUMBRE PARA LA AUTORIDAD DE ENERGIA ELECTRICA". THIS REQUIREMENT AND NOTES APPLIES TO ALL REQUIRED RIGHT-OF-WAYS, INSIDE OR OUTSIDE OF THE PROJECT LIMITS.
3. THE INSTALLATION OF THE METERING EQUIPMENT MUST BE CONSULTED AND COORDINATED WITH METERING OFFICE OF THE CORRESPONDING REGION. THE DESIGNER OR THE ELECTRICAL CONTRACTOR MUST MAKE SURE TO CONSULT WITH THE METERING OFFICE THE EQUIPMENT AND MATERIALS TO BE USED AND THE LOCATION OF THE PROPOSED EQUIPMENTS.
4. IT IS NOT PERMITTED TO INSTALL TRANSFORMERS, SUBSTATION OR ANY ELECTRICAL EQUIPMENT ABOVE SEWER OR WATER INFRASTRUCTURE.

LUMA/P.R.E.P.A. MATERIAL NOTES:

1. ALL THE EQUIPMENT TO BE USED SHALL COMPLY WITH THE IEEE, ANSI, NEMA AND ASTM STANDARDS.
2. THE CONTRACTOR IS RESPONSIBLE OF VERIFYING THAT ALL THE MATERIALS OR EQUIPMENTS ARE APPROVED BY THE P.R.E.P.A. BEFORE ANY PURCHASE AND INSTALLATION. THE P.R.E.P.A. RESERVES THE RIGHT OF ACEPTING ANY EQUIPMENT.
3. WITHIN (1) MILE OF THE SEASHORE, ALL ENCLOSURES, EQUIPMENT AND MATERIALS SHALL BE STAINLESS STEEL, EXCEPT THE METERING BASES.
4. ALL UNDERGROUND P.R.E.P.A. ELECTRICAL LINES SHALL USE PRIMARY CABLES WITH 15 KV TERMINATIONS FOR DISTRIBUTION SYSTEMS AND 46 KV TERMINATIONS FOR 38 KV ELECTRICAL LINES.
5. AERIAL P.R.E.P.A. ELECTRICAL LINES SHALL USE 15 KV POLYMER INSULATION TERMINALS FOR DISTRIBUTION LINES AND 46 KV TERMINALS FOR 38 KV ELECTRICAL LINES.
6. THE CONTRACTOR IS RESPONSIBLE TO PRINT IN ALL THE TRANSFORMERS THE PROPERTY NUMBER ASSIGNED BY THE CORRESPONDING ENGINEERING DISTRIBUTION DEPARTMENT.

LUMA/P.R.E.P.A. SYSTEM NOTES:

1. THE OWNER IS RESPONSIBLE FOR TESTING ALL THE PRIMARY AND SECONDARY CABLES WITH THEIR CORRESPONDING TERMINATIONS. THE TEST RESULTS SHALL BE IN ACCORDANCE WITH THE PARAMETERS ESTABLISHED BY THE P.R.E.P.A. THIS TEST MUST BE PERFORMED IN COORDINATION WITH A REPRESENTANT FROM P.R.E.P.A. INSPECTION OFFICE OF THE CORRESPONDING REGION.
2. DURING THE CABLE INSTALLATION, THIS MUST BE PROTECTED FROM MOISTURE AND ABRASIONS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE CABLE USING RECOMMENDED PRACTICES TO NOT EXCEED THE TENSIONS SPECIFIED FOR THE CABLE.
3. ALL THE COVERS OF ANY MANHOLE INSTALLED IN THE PLANTING AREA SHALL BE PROTECTED WITH REINFORCED CONCRETE ACCORDING TO THE P.R.E.P.A. STANDARD URD-52.
4. WHERE THE PROJECT IS LOCATED WITHIN ONE (1) MILE OF THE SEASHORE THE RISER SHALL BE PVC SCH. 80 OR FIBERGLASS APPROVED BY THE P.R.E.P.A.
5. ALL UNDERGROUND TRENCHES SHALL BE INSPECTED BY THE P.R.E.P.A. BEFORE IT IS COVERED AND COMPACTED.
6. ALL UNDERGROUND ELECTRICAL LINES UNDER OR EXPOSED VEHICULAR TRAFFIC AREA SHALL BE PROTECTED WITH CONCRETE. WHERE OTHER UTILITIES ARE PRESENT IT MUST MAINTAIN A MINIMUM CLEARANCE OF 13".
7. THE CONTRACTOR SHALL PROVIDE SPARES FUSES EQUAL TO THE AMOUNT USED IN THE SUB-STATION.
8. ALL THE GROUND CONNECTION SHALL BE COMPRESSION OR THERMO-WELD TYPE.
9. THE CONTRACTOR SHALL PROVIDE A FISHWIRE FOR ALL SPARE CONDUITS.
10. MAXIMUM RESISTANCE TO GROUND SHALL BE 10 OHMS OR LESS. A GROUND ROD SHALL BE INSTALLED TO CONNECT THE NEUTRAL EVERY FOUR (4) POLES OR EVERY 1,000 FEET AND IN ALL THE TRANSFORMERS.
11. EACH POLE CONCRETE BASE SHALL INCLUDE TWO (2) SPARE CONDUITS FOR FUTURE USE, AS REQUIRED BY THE P.R.E.P.A.
12. EACH POLE CONCRETE BASE SHALL INSPECTED BY THE P.R.E.P.A. IN THE CONSTRUCTION STAGE.

IMPORTANT NOTES: (FOR PROJECTS LESS THAN ONE (1) MILE FROM SEASHORE)

1. ALL ELECTRICAL EQUIPMENT ENCLOSURES NOT RELATED TO PREPA, LOCATED OUTDOORS SHALL BE RAINTIGHT AND STAINLESS STEEL OR APPROVED UV LIGHT RESISTANT PLASTIC.
2. SUPPORTS CHANNELS UNISTRUTS SHALL BE OF STAINLESS STEEL OR ALUMINUM MATERIALS.
3. CONDUITS STRAPS SHALL BE OF ALUMINUM OR STAINLESS STEEL MATERIAL.
4. DISSIMILAR METALS SHALL BE SEPARATED BY A DIELECTRICS GASKET.
5. EXPOSED CONDUITS SHALL BE PVC SCH. 80 OR PAINTED RGS CONDUITS.
6. SUB-STATION TRANSCLOSURES, TRANSFORMERS AND PREPA EQUIPMENT CABINET SHALL BE STAINLESS STEEL AS PER PREPA SPECIFICATIONS.
7. OUTDOOR HIGH VOLTAGE CABLE TERMINATIONS SHALL BE RATED 27 KV.
8. SUB-STATION LOUVERS WINDOWS SHALL BE STAINLESS STEEL.

IMPORTANT EVALUATION LETTER NOTES:

1. THE CONTRACTOR AND OWNER MUST COORDINATE THE DETAILS AND COST OF THE JOBS WITH THE SAN JUAN ENGINEERING OFFICE TO FORMALIZE THE COST ESTIMATE REQUEST.
2. IT IS REQUIRED TO INCLUDE AS PART OF THE DESIGN THE INSTALLATION OF FUSE CUT-OUTS WITH FUSE PROTECTION AT THE POINT OF CONNECTION OR IN THE FIRST POLE OF THE PROJECT.
3. ONCE THE DESIGN PLANS ARE ENDORSED THE CONTRACTOR AND THE OWNER MUST REQUEST A COST ESTIMATE OF THE WORK DESCRIBED ON PONT # 4. THEN A REQUEST MUST BE MADE FOR THE PAYMENT REFERRAL TO PERFORM THE DESCRIBED IMPROVEMENTS. ONCE THE PAYMENT HAS BEEN MADE, THREE (3) MONTHS BEFORE STARTING ANY WORK A COPY OF THE PAYMENT RECEIPT MUST BE SUBMITTED TO THE PONCE ENGINEERING REGION.
4. THE PROJECT OWNER MUST COORDINATE ALL WORKS WITH THE SAN JUAN DISTRICT MANAGER THE PRIMARY VOLTAGE TO BE USED, PRIOR TO THE PURCHASE OF THE TRANSFORMERS.
5. THE LUMA EVALUATION OF THE POINT OF CONNECTION DOES NOT CONSTITUTE A REVISION OF THE DESIGN PLANS. THE DESIGNER IS RESPONSIBLE FOR COMPLYING WITH CODES, REGULATIONS, MANUALS, STANDARDS, AND APPLICABLE REGULATION ARE IN ACCORDANCE WITH THE ELECTRICAL SYSTEM OF PUERTO RICO. IN ADDITION, THE DESIGN MUST COMPLY WITH THE PLANNING REGULATION NUMBER 22, AS REQUIRED BY OGPE.
6. THE PROJECT OWNER OR HIS REPRESENTATIVE MUST NOTIFY THE SAN JUAN REGION ENGINEERING DISTRIBUTION OFFICE INSPECCIONESSAN.JUAN@LUMAPR.COM THE BEGINNING OF THE WORK AFTER THE THE ENDORSEMENT OF THE PLANS AND PRIOR TO THE ELECTRICAL WORKS OF THE PROJECT BEGINS FOR THE REQUIRED INSPECTION, APPROVAL, AND THE NECESSARY COORDINATION.
7. FOR ALL SERVICES FOR EXCLUSIVE USE, THE PROJECT OWNER WILL PROVIDE ALL THE NECESSARY MATERIALS, INCLUDING THE TRANSFORMERS.
8. "ESTE PROYECTO REQUIRE CONTRATO DE CUENTAS AL POR MAYOR, EL CUAL ES REQUISITO QUE SE FIRME PREVIO A LA ENERGIZACION DEL PROYECTO. EL TIPO DE MEDICIÓN, LOS EQUIPOS A UTILIZARSE Y LA UBICACION DEL EQUIPO DE MEDICION FUE COORDINADA CON EL GERENTE DE ESTANDARES Y PROCEDIMIENTOS."
9. LUMA WILL SELECT THE TYPE OF METERING EQUIPMENT TO BE INSTALLED IN THE PROJECT ACCORDING TO THE SERVICE REQUESTED AND THE EQUIPMENT AVAILABILITY. THE CONTRACTOR MUST COORDINATE WITH TO PROVIDE THE METER BASE SPECIFICATIONS BEFORE STARTING THE CONSTRUCTION WORK.
10. IF THE PROJECT REQUIRES THE INSTALLATION OF SECONDARY OR PRIMARY METERING FOR ONE OR MORE WHOLESALE RATES SERVICES, THE ELECTRICAL DESIGNER HAS TO COORDINATE WITH THE DIRECTOR OF METERING AT CONSULTA.MEDICIONES@LUMAPR.COM, FOR THE TYPE OF METERING EQUIPMENT THAT WILL BE USE IN THE PROJECT AND THE LOCATION OF THE EQUIPMENT. LUMA WILL SELECT THE TYPE OF METERING EQUIPMENT TO BE INSTALLED IN THE PROJECT ACCORDING TO THE REQUESTED SERVICES AND ITS AVAILABILITY.



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CONSULTANT'S SEAL

YO, JORGE SANTORI TRISTANI, INGENIERO LICENCIADO #18824 CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO LOS ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CONCURRIENTES CON ESTAS EN CUMPLIMIENTO CON EL CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. (EN EL CASO, ADEMÁS, QUE ENLA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 1A DE 20 DE ENERO DE 2006, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOSQUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON LAS CUALES NO ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y SOY NAMADA POR LA OGPE.

CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
LUMA NOTES

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	90% DELIVERY	JST	JST

PROJECT
--

DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
77	83

DRAWING NUMBER
ES-106

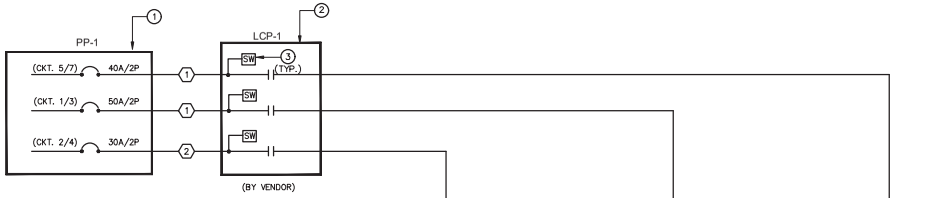
SITE LIGHTING FIXTURE SCHEDULE

ITEM #	EQUIPMENT DESCRIPTION	LAMPS NO. AND TYPE	POLE	VOLTAGE	MANUFACTURER MODEL NUMBER	REMARKS
P1	POLE MOUNTED LUMINAIRE	LED/ 7423 LUMENS/78W/3000K/ TYPE II	15'-0" ALUMINUM 6" ROUND	208V-240V	LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-2-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-STE-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
P2	POLE MOUNTED LUMINAIRE	LED/ 7423 LUMENS/78W/3000K/ TYPE III	15'-0" ALUMINUM 6" ROUND	208V-240V	LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-3-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-STE-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
P3(A) P3(B)	POLE MOUNTED LUMINAIRE	P3(A)-LED/7423 LUMENS/78W/3000K/ TYPE III P3(B)-LED/8019 LUMENS/78W/3000K/ TYPE IV	15'-0" DOUBLE ARM ALUMINUM 6" ROUND	208V-240V	P3(A) LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-3-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE P3(B) LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M80-30K-CRI80-4-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-S2E-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
P4	POLE MOUNTED LUMINAIRE	LED/ 10693 LUMENS/115W/3000K/ TYPE IV SQUARE	15'-0" ALUMINUM 6" ROUND	208V-240V	LUMINAIRE: MODEL BLDM-SD-VOLT-CSL-M100-30K-CRI80-5S-FINISH-DIM-CRC-RPA6M AS MANUFACTURED BY LUMENPULSE POLE: PL-6-AL-R-15-M-FINISH-WO-BLDM-S1E-CRC-AB AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)
L6	3'-0" ALUMINUM BOLLARD	LED/950 LUMENS/11W/3000K/TYPE III	3'-0" ALUMINUM BOLLARD	208V-240V	EQUAL OR APPROVED EQUAL TO MODEL BLDB-TM1-VOLT-3FT-CSL-N10-30K-CRI80-3-FINISH-DIM-CRC AS MANUFACTURED BY LUMENPULSE	(1)(2)(3)

(1) CORROSION RESISTANT

(2) SEE STRUCTURAL DRAWINGS AND THE MANUFACTURER RECOMMENDATIONS FOR THE CONCRETE BASE DETAIL

(3) OBTAIN THE FINAL APPROVAL OF FINISHES WITH THE PROJECT ARCHITECT.



LCP-1 DIAGRAM LEGEND:

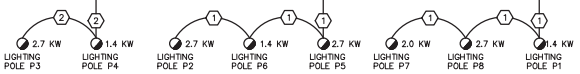
(1) NEW MAIN ELECTRICAL PANEL, 208V/120V, 3ø. SEE PANEL SCHEDULE FOR DETAILS.

(2) NEW LIGHTING CONTACTOR PANEL WITH INTEGRATED ON-AUTO-OFF SELECTOR SWITCH FOR CONTROLLING THE LIGHTING FIXTURE. TO PROVIDED BY MUSCO LIGHTING.

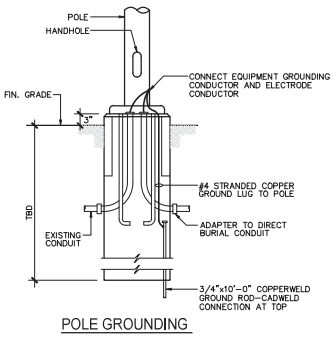
(3) INTEGRATED ON-AUTO-OFF SELECTOR SWITCH FOR LIGHTING CONTROL. TO BE PROVIDED BY MUSCO LIGHTING.

FEEDER SCHEDULE:

(1) 2#2, 1#2(GND) IN A 1 1/2" C.



"LCP-1" SKATE PARK LIGHTING CONTACTOR PANEL DIAGRAM



POLE GROUNDING

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CLIENT

MANAGER
DEPT. OF URBAN DESIGN AND PROJECT DEVELOPMENT, MASJ.

OWNER
AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
SITE SCHEDULE AND LIGHTING DIAGRAM

COMPUTER PLOT

THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED
A	2023.10.27	BOE DELIVERY	JST	JST

PROJECT

DRAWING BY/CHECKED BY
R.L.R. J.S.T.

NUMBER	TOTAL
78	83

DRAWING NUMBER
ES-107

JORGE SANTORI TRISTANI
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SAN JUAN, P.R. 00915
MOBILE (787) 462-0077 santorijorge@gmail.com

GENERAL NOTES: (NOT ALL NOTES APPLY)

1. COMPLY WITH LATEST NATIONAL ELECTRICAL CODE (NEC) AND WITH ALL LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN REQUIREMENTS, CONFORM WITH THE MOST RESTRICTIVE.
2. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE AUTHORITIES.
3. VERIFY ALL ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF EQUIPMENT WITH DRAWINGS AND SPECIFICATIONS. CHECK AND VERIFY ALL DIMENSIONS IN THE FIELD.
4. COORDINATE THE LOCATION OF ALL ELECTRICAL EQUIPMENT, LIGHTING FIXTURES, RACEWAYS, ETC. WITH THE OTHER TRADES, SO AS TO AVOID INTERFERENCES WITH DUCTWORK, PIPING, BUILDING STEEL, ETC.
   A. MAINTAIN ADEQUATE ACCESS TO ALL JUNCTION, TERMINATION AND PULL
   B. MAINTAIN ADEQUATE ACCESS TO ALL EQUIPMENT FOR OPERATION
5. ALL MOUNTING HEIGHTS INDICATED ARE TO CENTERLINE OF DEVICE EXCEPT FOR LIGHTING FIXTURES AND AS OTHERWISE NOTED OR SPECIFIED. MOUNTING HEIGHTS FOR LIGHTING FIXTURES ARE TO BOTTOM OF UNIT.
6. CONDUIT ROUTINGS SHOWN, ARE DIAGRAMATIC. COORDINATE ACTUAL ROUTINGS TO AVOID INTERFERENCES WITH ALL OTHER TRADES, AND TO ADJUST TO EXISTING CONDITIONS.
7. SUPPORT WALL MOUNTED ELECTRICAL EQUIPMENT (I.E. PANELBOARDS, TRANSFORMER, ETC.) BY UNISTRUT CHANNEL SECURED TO FLOOR AND CEILING UNLESS WALL IS MASONRY TYPE WHICH IS SUITABLE CONSTRUCTION TO SUPPORT WEIGHT OF ELECTRICAL EQUIPMENT, OR EXCEPT AS OTHERWISE NOTED OR SPECIFIED.
8. PROVIDE MINIMUM NO. 12 AWG COPPER WIRING FOR POWER AND LIGHTING SYSTEMS, INSTALLED IN 3/4 " CONDUIT MINIMUM, EXCEPT AS OTHERWISE NOTED OR SPECIFIED.
9. PROVIDE BRANCH CIRCUIT WIRING FOR 120 VAC, SINGLE PHASE MOTORS, 1/2 HORSEPOWER AND LESS CONSISTING OF TWO NO. 12 AWG AND ONE NO. 12 AWG GROUND IN 3/4 INCH CONDUIT.
10. WHERE OVERSIZED CONDUCTORS ARE INDICATED ON THE DRAWINGS, WHICH CANNOT BE SAFELY TERMINATED DUE TO DEVICE LUG SIZE AND/OR WIRE BENDING SPACE LIMITATIONS; PROVIDE A JUNCTION BOX AND NEC COMPLYING FEEDER TAP OF SMALLER WIRE SIZE SUITABLE FOR TERMINATION AT THE DEVICE.
11. PROVIDE ELECTRICAL EQUIPMENT, PANELS, DEVICES, BOXES, ETC., LOCATED IN WET AREAS SUITABLE FOR INSTALLATION IN WET LOCATIONS (I.E. WATERPROOF) EXCEPT OTHERWISE NOTED OR SPECIFIED.
12. THE CONTRACTOR SHALL PROVIDE ALL SUPPORTS AND SEISMIC BRACING FOR ALL ELECTRICAL EQUIPMENT AND COMPONENTS INSIDE AND OUTSIDE THE BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF SUCH SUPPORTS AND SEISMIC BRACING IN ACCORDANCE WITH ALL APPLICABLE CODES.
13. MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING EQUIPMENT TO REMAIN IN SERVICE.
14. BROOM CLEAN ALL WORK AREAS UPON COMPLETION OF WORK EACH DAY.
15. ALL EXPOSED SUPPORTS SHALL BE RGS UNLESS OTHERWISE NOTED.
16. ALL CONDUIT INSIDE BUILDING SHALL BE INSTALLED SUPPORTED FROM ROOF STEEL STRUCTURE. NO CONDUIT SHALL RUN 10" LOWER FROM STRUCTURE WHERE IT CAN BE AVOIDED.
17. PROVIDE CONDUIT SEALS IN ALL CONDUITS THAT CROSS CLEAN ROOM AND HAZARDOUS CLASSIFICATION BOUNDARIES.
18. ALL GROUND WIRES SHALL BE STRANDED COPPER AS FOLLOWS:
   A. MAIN GROUNDING CONDUCTOR: #4/0 AWG BARE (FOR UNDERGROUND INSTALLATIONS) OR THWN IN 1" CONDUIT.
   B. BRANCHES TO EQUIPMENT, COLUMNS, ETC: #4/0 AWG BARE (FOR UNDERGROUND INSTALLATIONS) OR THWN IN A 1" CONDUIT.
   C. BOND CONDUIT AND GROUNDING WIRE AT BOTH ENDS OF CONDUIT RUN.
19. COMBINATION STARTER AND DISCONNECT SWITCH RATINGS, BREAKER, FUSE, POLES,STARTER SIZE WILL BE INDICATED AS FOLLOWS:
   A. FOR EQUIPMENT CONNECTED TO THE MOTOR CONTROL CENTERS OR CONTROL PANELS SHALL BE INDICATED: ON THE ONE LINE DIAGRAM BESIDE THE SYMBOL.
   B. FOR EQUIPMENT CONNECTED TO PANELBOARDS: ON THE FLOOR PLANS BESIDE THE SYMBOL.
20. CONDUCTOR INSULATION SHALL BE THWN–2 (90°C). USE XHHW–2 (90°C) TYPE CONDUCTOR FOR UNDERGROUND RUNS. (UON)
21. LIGHTING FIXTURES SHALL BE LOCATED AS SHOWN ON THE LIGHTING DWGS. LOCATIONS SHALL BE CHECKED IN FIELD SO THAT WHEN FIXTURES ARE INSTALLED THEY AVOID CREATING SHADOWS BECAUSE OF INTERFERENCE FROM PIPING, STRUCTURAL MEMBERS OR EQUIPMENT. WHEN LIGHTING FIXTURE LOCATIONS ARE DIMENSIONED, FIXTURES SHALL BE INSTALLED EXACTLY AS SHOWN ON THE DRAWINGS.
22. ALL CONDUIT AND FITTINGS SHALL BE RUN EXPOSED WHERE POSSIBLE, AND TO BE SECURELY SUPPORTED AND EFFECTIVELY GROUNDED.
23. CONDUIT SHALL RUN ABOVE PROCESS LINES WHERE POSSIBLE.
24. CONDUIT SPACE IS ALLOCATED ON THE PIPING DRAWINGS. CONDUIT BANKS SHALL BE CONFINED TO THAT SPACE. EXACT LOCATION OF EACH CONDUIT WITHIN THE CONDUIT SPACE SHALL BE DETERMINED IN THE FIELD BY THE ELECTRICAL CONTRACTOR.
25. EXACT LOCATION OF INDIVIDUAL CONDUIT RUNS OUTSIDE THE ALLOCATED CONDUIT SPACE SHALL BE DETERMINED IN THE FIELD BY THE ELECTRICAL CONTRACTOR UNLESS DIMENSIONED ON THE DRAWINGS.
26. ALL WIRES WITHIN A CONDUIT SHALL BE KEPT SEGREGATED FROM ALL OTHER CIRCUITS IN OTHER CONDUITS FOR THE FULL LENGTH OF THE RUN, EXCEPT AS SHOWN ON CONTRACT ELECTRICAL CONSTRUCTION DRAWINGS. NO COMMON PULL BOXES SHALL BE INSTALLED.
27. IN OUTDOOR LOCATIONS CONDUIT SHALL ENTER EQUIPMENT FROM THE BOTTOM. WHERE SIDE OR TOP ENTRY IS REQUIRED, DRAIN FITTINGS SHALL BE INSTALLED.
28. CONDUIT DRAINS IN APPROPRIATE FITTINGS SHALL BE INSTALLED AT ALL LOW POINTS OF OUTDOOR CONDUIT SYSTEMS & INDOOR WASHDOWN AREAS.
29. SINGLE CONDUIT RUNS SHALL BE SECURE TO STRUCTURAL MEMBERS WITH RIGHT ANGLE OR PARALLEL BEAM CLAMPS OR EQUAL. MULTIPLE CONDUIT RUNS SHALL BE RUN ON CONDUIT SUPPORTS.
30. ALL UNDERGROUND CONDUIT SHALL BE ENCASED IN CONCRETE UNLESS OTHERWISE NOTED.
31. FITTINGS OR BOXES USED FOR SPLICING CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH N.E.C. ARTICLE 314.
32. USE PVC SCH. 40 CONDUIT WHEN CONCEALED IN CONCRETE OR UNDERGROUND. ALL EXPOSED CONDUITS IN
33. USE PVC SCH. 40 CONDUIT WHEN CONCEALED IN CONCRETE OR UNDERGROUND. ALL EXPOSED CONDUITS IN THE EXTERIOR, DAMP LOCATIONS AND CLASSIFIED AREAS SHALL BE RIGID GALVANIZED STEEL AND LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT FOR CONNECTIONS TO THE EQUIPMENT. USE EMT CONDUIT FOR INTERIOR AREAS, BUT EXCLUDING PROCESS AREAS. USE STAINLESS STEEL FOR EXPOSED CONDUITS IN CLEAN ROOMS AREAS
34. WIRING DEVICE BOXES SHALL BE AS PER NATIONAL ELECTRICAL CODE, ARTICLE 314.
35. FINAL LOCATION OF THE ELECTRICAL SERVICE POINT SHALL BE COORDINATED BY THE CONTRACTOR BASED ON THE OUTSIDE ELECTRICAL DISTRIBUTION DRAWINGS. BEFORE COMMENCING ANY CONSTRUCTION WORK.
36. USE CONCRETE – TIGHT CONNECTORS AND COUPLINGS FOR PVC CONDUIT.
37. CONDUITS SHALL BE 3/4" DIAM. (MINIMUM SIZE).
38. BRANCH CIRCUITS SHALL HAVE 100% SIZED INDEPENDENT NEUTRAL (UON).
39. ALL CONDUITS SHALL HAVE A MECHANICAL GROUND, COPPER CONDUCTOR GROUND SCREW WITH A NO. 12 THW COPPER GREEN WIRE JUMPER. (UON)
40. CONTRACTOR SHALL BALANCE ALL LOADS.
41. LEAVE A NO. 12 AWG GALVANIZED FISH WIRE IN ALL SPARE CONDUITS.
42. ALL CONDUIT IN CONTACT WITH GROUND SHALL BE ENCASED IN CONCRETE 4" ALL AROUND UNLESS OTHERWISE SPECIFIED.
43. ALL PANELBOARDS SHALL BE PROVIDED WITH A FACTORY INSTALLED GROUND BUS FOR CONNECTING TO GROUND THE GREEN WIRE IN ALL PVC CONDUITS, SIMILAR TO A NEUTRAL BUS.
44. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THE PROJECT COMPLETE AND READY FOR USE; INCLUDING CONNECTING NEW POWER CIRCUITS TO EXISTING SERVICES TO REMAIN.
45. THE CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE EXISTING ELECTRICAL SYSTEM PRIOR TO BIDDING.
46. CONTRACTOR SHALL COORDINATE THE COIL VOLTAGE OF MOTOR STARTERS FOR MOTORS AND AIR CONDITIONING UNITS.
48. DIMENSIONS OF JUNCTION BOXES OR PULL BOXES SHALL BE REVISED BY THE ELECTRICAL CONTRACTOR ACCORDING TO THE ACTUAL CONDITIONS TO SECURE AT LEAST PERMISSIBLE MINIMUM CABLE BENDING RADIUS.
49. CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR IN ORDER TO PROVIDE ALL CONTROL ROUGH–IN.
50. CONTRACTOR SHALL VERIFY WITH THE MECHANICAL CONTRACTOR THE EXACT LOCATION OF THE MECHANICAL EQUIPMENT AND THE BEST LOCATION TO PROVIDE THE ELECTRICAL SERVICE FEEDER.
51. THE CONTRACTOR SHALL VERIFY THAT ALL WIRING INSIDE THE ELECTRICAL PANELS IS PROPERLY IDENTIFIED WITH CIRCUIT NUMBER TAGS (HOT, NEUTRAL AND GROUND CONDUCTORS). PROVIDE TYPE WRITTEN CIRCUIT BREAKER DIRECTORY.
52. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL CONDUIT ROUTINGS AND COORDINATE WITH THE MECHANICAL AND STRUCTURAL TRADES.
53. ANY CONDUIT STUB–UPS SHALL BE TERMINATED 8"AFF. IN A RGS CONDUIT WITH THE PROJECT ENGINEER PRIOR TO ANY ROUGH–IN WORK.
54. CONDUITS SHALL BE SECURELY FASTENED IN PLACE, HANGERS, SUPPORTS OR FASTENINGS SHALL BE PROVIDED AT EACH ELBOW AND AT THE END OF EACH STRAIGHT RUN TERMINATING AT A BOX OR CABINET.
55. CONDUIT SHALL BE RUN IN A NEAT WORKMANLIKE MANNER AT RIGHT ANGLES AND PARALLEL TO BUILDING LINES; PARALLEL CONDUITS SHALL BE RUN STRAIGHT AND PLUMB WITH UNIFORM AND SYMMETRICAL OFFSETS.
56. MOTOR CONTROLLERS OVERLOADS SHALL BE ADJUSTED AS PER MOTOR NAMEPLATE INFORMATION.
57. THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL THE ELECTRICAL CONTROLS, SAFETY SWITCHES, CONDUITS FOR CONTROLS WIRES AND ACCESSORIES NOT INDICATED ON THE ELECTRICAL DRAWINGS THAT ARE NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN ACCORDANCE WITH THE MECHANICAL, ELECTRICAL AND THE PROCESS EQUIPMENT MANUFACTURERS RECOMMENDATIONS AND STANDARDS FROM THE LOCAL AND FEDERAL REGULATING AGENCIES.
58. THE CONTRACTOR SHALL PERFORM ALL WIRING AND CONNECTIONS (POWER AND CONTROLS) NOT INDICATED IN THE ELECTRICAL DRAWINGS, BUT THAT ARE INCLUDED AS PART OF THE MANUFACTURERS EQUIPMENT INSTALLATION MANUALS AND DRAWINGS, INCLUDING ANY REQUIRED DEVICES NOT SPECIFIED ON THE DRAWINGS BUT ARE NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN STRICT ACCORDANCE WITH THE NEC.
59. ALL PANELBOARDS, BREAKERS AND DISCONNECTIVE MEANS SHALL BE IDENTIFIED ACCORDING TO THE EQUIPMENT THEY SERVE USING THE OWNERS IDENTIFICATION METHOD.
60. ALL PANELBOARDS, DISCONNECTIVE MEANS AND RECEPTACLES SHALL BE IDENTIFIED ACCORDING TO THE RESPECTIVE SERVICE VOLTAGE.
61. LIQUIDTIGHT FEXIBLE CONDUIT SHALL BE INSTALLED AT FINAL CONDUIT CONNECTIONS TO MOTORS AND DEVICES SUBJECT TO VIBRATION OR REQUIRING PERIODIC REMOVAL. LIQUIDTIGHT FLEXIBLE CONDUIT SHALL BE SUITABLE FOR THE ELECTRICAL CLASSIFICATION OF THE AREAS.
62. HARDWARE AND SUPPORTS FOR MOUNTING OF LOCAL CONTROL PANELS (LCP's), UNMOUNTED FIELD PANELS (FP's) AND RECEPTACLES SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR.
63. ALL THE ELECTRICAL EQUIPMENT ENCLOSURES OF THE COMBINATION STARTERS, DISCONNECT SWITCHES, CONTROL PANELS, JUNCTION BOX OR ANY SIMILAR ELECTRICAL DEVICE SHALL BE NEMA 4X IN STAINLESS STEEL, FOR EXTERIOR AND NEMA 1 FOR INTERIOR. UNLESS OTHERWISE NOTED.
64. IT IS IMPORTANT THAT THE ELECTRICAL CONTRACTOR VERIFIES THE SHOP DRAWINGS ELECTRICAL WIRING DIAGRAMS OF ALL THE PACKAGE UNITS BEFORE INSTALLING FEEDERS, BREAKERS AND CONDUITS. THE ELECTRICAL CONTRACTOR SHALL CONFIRM THAT THE ELECTRICAL INFRASTRUCTURE SPECIFIED ON DRAWINGS COMPLIES WITH THE REQUIREMENTS OF THE PACKAGE MANUFACTURER. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
65. ALL COMBINATIONS STARTER MOTOR CONTROLLER STARTER INDIVIDUALLY OR IN MCC'S SHALL PROVIDE HAND–OFF–AUTO SELECTOR SWITCH, START/STOP PUSH BUTTONS AND GREEN PILOT LIGHT INDICATOR FOR RUNNING CONDITION IT SHALL ALSO PROVIDE AUXILIARY CONTACTS TO SEND A SIGNAL TO A REMOTE LOCATION TO INDICATE THE STATUS OF THE MOTOR.
66. ALL RECEPTACLES AND LIGHTING SWITCH COVER PLATES SHALL BE WHITE COLOR.
67. ALL TELECOMMUNICATION AND FIRE ALARM DEVICES SHALL BE MOUNTED USING A 4 11/16" x 2 1/8" SQUARE JUNCTION BOX. (UON)
68. TELEPHONE/DATA CONDUIT RUNS SHALL BE COORDINATED WITH THE SYSTEM PROVIDER.
69. TELEPHONE CONDUIT RUNS SHOULD NOT HAVE MORE THAN TWO 90 DEGREES BENDS.
70. UNLESS OTHERWISE INDICATED ALL OUTLETS SHALL BE FLUSH MOUNTED AND SHALL HAVE THEIR OWN INDEPENDENT OUTLET BOWES. MINIMUM SIZE OF THE OUTLET BOX TO BE 4 11/16" SQUARE AND 2 1/8" DEEP. EXACT SIZE SHALL BE DETERMINED ACCORDING TO THE MAXIMUM NUMBERS OF CONDUCTORS IN THE BOX AS PER N.E.C. ARTICLE 314 SECTION 6.
71. CONTRACTOR SHALL USE NEMA 1 ENCLOSURE FOR INTERIORS AND NEMA 4X STAINLESS STEEL FOR EXTERIOR AND DAMP LOCATION.
72. CONTRACTOR IS RESPONSIBLE TO VERIFY THAT ALL THE NEW ELECTRICAL EQUIPMENTS SUCH AS BREAKERS, STARTERS, ETC. ARE COMPATIBLE WITH THE EXISTING ELECTRICAL INFRASTRUCTURE OF THE FACILITIES.
73. THE ENTIRE ELECTRICAL INSTALLATION SHALL CONFORM TO THE LATEST APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND LOCAL JURISDICTION REQUIREMENTS.
74. ALL ELECTRICAL EQUIPMENT SHALL BEAR THE UNDERWRITER'S LABORATORIES LABEL.
75. ALL ELECTRICAL EQUIPMENT SHALL BE NEW.
76. "PROVIDE" UNDER THIS CONTRACT IS DEFINED AS FURNISH AND INSTALL. "CONCEALED" UNDER THIS CONTRACT IS DEFINED AS HIDDEN BY ARCHITECTURAL WALLS AND CEILINGS. "EXPOSED" UNDER THIS CONTRACT IS DEFINED AS VISIBLE TO VIEW. "INDICATED" UNDER THIS CONTRACT IS DEFINED AS SHOWN IN THE CONTRACT DOCUMENTS.
77. SWITCHES
   A. THE LOCATIONS OF SWITCH OUTLETS SHALL BE VERIFIED BEFORE INSTALLATION BY THE CONTRACTOR WITH THE OWNER.
   B. WHERE TWO OR MORE DEVICES OF THE SAME VOLTAGE ARE SHOWN TOGETHER ON THE PLANS, A GANGED PLATE SHALL BE USED. DEVICES OF DIFFERENT VOLTAGES SHALL BE SEPARATED HORIZONTALLY BY 6" BUT SHALL BE HORIZONTALLY OR VERTICALLY ALIGNED.
   C. ALL SWITCH AND ACCESS CONTROL OUTLETS SHOWN ON A WALL BACK TO BACK SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY.
   D. COORDINATE LIGHT SWITCHES ON DRAWINGS WITH DOOR SWINGS. LOCATE LIGHT SWITCH ON LOCK SIDE OF DOOR.
   E. ALL WIRING DEVICES SHALL BE SPECIFIED GRADE, COLOR TO MATCH EXISTING. MANUFACTURED BY P&S, LEVITON OR HUBBELL. PROVIDE STAINLESS STEEL DEVICE PLATES.
78. LIGHTING FIXTURES
   A. COORDINATE RECESSED LIGHTING FIXTURES WITH SPRINKLERS, MECHANICAL EQUIPMENT AND ARCHITECTURAL CEILING PLAN. GRID LAYOUT ON PLANS IS APPROXIMATE, ADJUST AND COORDINATE LIGHTING FIXTURES IN FIELD.
   B. PROVIDE FINISHED FRAMES FOR ALL RECESSED LIGHTING FIXTURES, TYPE SHALL BE COMPATIBLE WITH CEILING. COORDINATE ALL FIXTURE TYPES WITH CEILING SYSTEM BEFORE ORDERING FIXTURES. PROVIDE ALL MOUNTING ATTACHMENTS FOR A COMPLETE INSTALLATION. LIGHTING FIXTURES SHALL BE SUPPORTED FROM BUILDING STRUCTURE INDEPENDENTLY FROM CEILING SYSTEM. FOR STEM MOUNTED FIXTURE CONTRACTOR SHALL PROVIDE TWO STEMS PER FIXTURE.
   C. ALL LIGHTING FIXTURES SHALL BE INSTALLED COMPLETE WITH LAMPS. SEE PLANS FOR SPECIFIC REQUIREMENTS.
79. BRANCH CIRCUITS & FEEDERS
   A. ALL CONDUCTORS SHALL BE COPPER.
   B. CONDUCTOR INSULATION SHALL BE THWN–2 (90°C). USE XHHW–2 (90°C) TYPE CONDUCTOR FOR UNDERGROUND RUNS. (UON)
   C. ALL CIRCUITRY SHALL BE RUN CONCEALED IN FINISHED AREAS. CIRCUITRY SHALL NOT BE PERMITTED TO BE RUN EXPOSED EXCEPT FOR DIRECT VERTICAL DROPS TO ITS RESPECTIVE SURFACE MOUNTED PANELBOARD.
   D. ALL CIRCUITRY RUNS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL DETERMINE IN FIELD THE MOST SUITABLE ROUTES.
   E. MINIMUM SIZE CONDUIT SHALL BE 3/4"Ø.
   F. ALL WIRING SHALL BE COLOR CODED THROUGHOUT.
   G. FINAL CONNECTIONS TO ALL MOTORS OR VIBRATING EQUIPMENT SHALL BE WITH LFMC CONDUIT.
   H. EXPOSED AND CONCEALED CIRCUITRY SHALL BE RUN TIGHT TO CEILING SLAB IN A NEAT WORKMANLIKE MANNER. ALL RUNS SHALL BE PARALLEL OR PERPENDICULAR TO BUILDING WALLS & SECURED TO BUILDING STRUCTURE AND WALL ONLY.
   I. ALL WIRES AND CABLES SHALL BE #12 AWG, EXCEPT WHEN OTHERWISE INDICATED ON DWG'S OR AS INDICATED BELOW FOR AMPS. CIRCUITS WIRE SIZING. ALL 20 AMPS, 120 VOLTS CIRCUITS RUNS SHALL BE AS FOLLOWS:
      5' TO 50' LENGTH, #12 AWG. 100' TO 150' LENGTH, #8 AWG.
      50' TO 100' LENGTH, #10 AWG. 150' TO 200' LENGTH, #6 AWG.
   J. ALL BRANCH CIRCUITS AND FEEDERS SHALL BE EQUIPPED WITH SEPARATE INSULATED GROUND WIRE PER N.E.C. 250–95.
   K. ALL CIRCUITS SHALL BE TAGGED AND IDENTIFIED IN PANELBOARDS AND PULLBOXES.
   L. CONNECTORS FOR EMT CONDUIT SHALL BE OF THE COMPRESSION TYPE.
80. GROUNDING
   A. ALL RECEPTACLES, LIGHTING FIXTURES, MOTORS, ETC., SHALL BE GROUNDED PER N.E.C. REQUIREMENTS. ALL ALL CIRCUITS SHALL CONTAIN FULL SIZE INSULATED GROUND CONDUCTOR.
   B. ALL SYSTEMS SHALL BE GROUNDED AND BONDED PER N.E.C.
   C. MAXIMUM POINT TO POINT RESISTANCE TO GROUND SHALL NOT EXCEED 0.5 OHMS.
   D. CONNECTION TO STRUCTURAL STEEL SHALL BE DONE USING CADWELD.
81. EXISTING CONDITIONS AND DEMOLITION WORK
   A. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL THE EXISTING CONDITIONS THAT MAY AFFECT HIS WORK.
   B. THE CONTRACTOR SHALL COORDINATE WITH OWNER/ REPRESENTATIVE ALL DEMOLITION WORK. REMOVE, PACKAGE AND STORE ALL EXISTING ELECTRICAL EQUIPMENT NOTED TO BE RE–USED, REFURBISH ALL OF THIS EQUIPMENT PRIOR TO INSTALLATION PER NEW WORK.
   C. THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF ALL EXISTING ELECTRICAL WORK AFFECTED BY THIS CONTRACT. RESTORE CIRCUITS SERVING EXISTING EQUIPMENT TO REMAIN WHICH ARE INTERRUPTED DURING THE COURSE OF THIS WORK. ANY REQUIRED ELECTRICAL OUTAGE SHALL BE AFTER REGULAR HOURS AND REQUESTED IN WRITING FOR APPROVAL BY THE BUILDING OWNER/REPRESENTATIVE.
   D. CONTRACTOR SHALL REFER TO THE CONTRACT DOCUMENTS FOR EXTENT OF DEMOLITION WORK.
   E. OBTAIN ADVANCE APPROVAL FROM BUILDING OWNER/ REPRESENTATIVE BEFORE SLEEVING EXISTING SLABS.

      SHALL PROVIDE FOR AN OPEN TOP DUMPSTER TO BE PLACED ON SITE AT AN APPROVED LOCATION.
   G. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING DEVICES ON A CIRCUIT WHEN THE DRAWINGS CALL FOR REMOVAL AND/ OR DISPOSAL OF A DEVICE ON THAT CIRCUIT.
82. MISCELLANEOUS
   A. ALL EMPTY RACEWAY SHALL CONTAIN A PULL WIRE.
   B. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEBRIS GENERATED BY THIS WORK. CONTRACTOR WORK AREA SHALL BE CLEAN OF DEBRIS AFTER COMPLETION OF WORK.
   C. NO PENETRATIONS INTO ASBESTOS CONTAINING MATERIALS (ACM) SHALL BE PERFORMED BY THE CONTRACTOR. NOTIFY THE OWNER PRIOR TO ANY CUTTING OR DRILLING. THE MAJOR CONTRACTOR WILL BE RESPONSIBLE FOR ABATEMENT OF AREAS REQUIRING CUTTING OR DRILLING IN ACM.
83. TESTING
   A. AT THE TIME OF FINAL INSPECTION AND TEST, ALL CONNECTIONS AT PANELBOARDS, DEVICES AND EQUIPMENT, AND ALL SPLICES MUST BE COMPLETED. EACH CIRCUIT AND ITS RESPECTIVE CONNECTED EQUIPMENT MUST TEST FREE OF SHORT CIRCUITS AND GROUNDS.
   B. PROVIDE TESTING OF ALL ELECTRICAL COMPONENTS PER NETA TEST PROCEDURES.
84. SHOP DRAWINGS
   A. SUBMIT FOUR (4) SETS OF SHOP DRAWINGS OF ELECTRICAL EQUIPMENT TO BUILDING OWNER/ REPRESENTATIVE FOR APPROVAL BEFORE ORDERING.
85. ALL WORKMANSHIP, MATERIALS AND EQUIPMENT SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF AREA BY OWNER.
86. IN CASE OF CONFLICTS BETWEEN DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR SHALL NOT PROCEED WITH THAT PART OF THE WORK UNTIL SUCH DIFFERENCES HAVE BEEN BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION.
87. ALL WIRES AND CABLES SHALL BE #12 AWG, EXCEPT WHEN OTHERWISE INDICATED ON DWG'S OR AS INDICATED BELOW FOR AMPS. CIRCUITS WIRE SIZING. ALL 20 AMPS, 125 VOLTS CIRCUITS RUNS SHALL BE AS FOLLOWS:
   5' TO 50' LENGTH, #12 AWG. 100' TO 150' LENGTH, #8 AWG.
   50' TO 100' LENGTH, #10 AWG. 150' TO 200' LENGTH, #6 AWG.
88. IN CASE THE CONTRACTOR BELIEVES HE HAS DISCOVERED DISCREPANCIES, ERRORS, OMISSIONS, ECT. IN THE DRAWINGS AND/OR SPECIFICATIONS, HE SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. IF THE CONTRACTOR FAILS TO GIVE SUCH NOTICE AND OBTAIN ADEQUATE CLARIFICATION, AND HE WILL BE HELD RESPONSIBLE FOR THE RESULT OF SUCH ERRORS OR OMISSIONS, AND HE WILL BE HELD RESPONSIBLE FOR THE COST OF RECTIFYING SUCH ERRORS.
89. BEFORE COMMENCING WORK, CONTRACTOR SHALL VERIFY MEASUREMENTS AT SITE AND THE EXISTING STRUCTURES (IF ANY). ANY DIFFERENCES BETWEEN ACTUAL MEASUREMENTS AND THOSE SHOWN ON PLANS, SHALL BE SUBMITTED TO THE ENGINEER FOR CONSIDERATIONS AND DECISIONS BEFORE PROCEEDING WITH THE WORK.
90. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE THE CONSTRUCTION BEGINS.
92. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL THE POWER AND CONTROL INTERCONNECTIONS AMOUNG ALL THE DIFFERENT PARTS OF THE OF THE AIR CONDITIONING SYSTEM (FAN COILS/AHU'S, CONDENSING UNITS, THERMOSTATS, ECT.). THE CONTRACTOR SHALL ALSO PROVIDE ALL THE STARTING AND DISCONNECT EQUIPMENT FOR SAID SYSTEMS.
93. IT IS THE INTENT OF THE CONTRACT DRAWINGS TO CALL FOR A COMPLETE, TESTED AND OPERATIONAL ELECTRICAL SYSTEM. ANY MINOR DETAILS NOT SHOWN BUT REQUIRED FOR THE PROPER FUNCTION AND OPERATION OF THE SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR AT NOT ADDITIONAL COST.
94. MAKE ALL PROVISIONS NECESSARY TO PREVENT CORROSION RESULTING FROM CONTACT BETWEEN DISSIMILAR METALS.
95. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME ACQUAINTED WITH THE EXISTING FIELD CONDITIONS. IT SHALL BE THE DIRECT RESPONSIBILITY OF THE CONTRACTOR TO BRING PROMPTLY TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THOSE THAT WERE USED FOR DESIGN PURPOSES. THIS SHALL BE DONE BEFORE THE CONTRACTOR SUBMITS HIS BID, SO THAT THE ENGINEER CAN RENDER A DECISION ON THE MATTER BEFORE THE BIDS ARE RECEIVED. THE SUBMITTAL OF THE BID BY THE CONTRACTOR WILL BE HELD AS PROOF THAT THE CONTRACTOR UNDERSTAND THOROUGHLY AND COMPLETELY THE SCOPE OF THE WORK INVOLVED, HAS FAMILIARIZED HIMSELF WITH THE EXISTING FIELD CONDITIONS, AND HAS INCLUDED IN HIS BID ALL THE ITEMS NECESSARY TO PERFORM THE ELECTRICAL WORK. NO ALLOWANCE WILL BE PERMITTED ON THIS MATTER AFTER THE BIDS ARE RECEIVED.

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CONSULTANT'S SEAL

YO, JORGE SANTORI TRISTANI, INGENIERO LICENCIADO #18424, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑÓ LOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CONCURRIDOS CON Y ESTABLECIDOS CONFORME A DICHO CÓDIGO DE CONSTRUCCIÓN DE PUERTO RICO 2018 VIGENTE AL 15 DE NOVIEMBRE DE 2018. (EN EL CASO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON CUALQUIER DISPUESTO EN LA LEY NÚM. 1A DE 8 DE ENERO DE 2008, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA A PUERTO RICO" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1985, SEGÚN ENMENDADA; O SEGÚN APLIQUEN). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FABRICACIÓN DE LOS HECHOS QUE SE HA PROPUESTO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON

PANEL NAME			PANEL LOCATION	PANEL SCHEDULE							CIRCUIT BREAKER REMARKS			
A-LP			ELECTRICAL ROOM	BUS RATING	100 A		VOLTAGES				ARC= ARC FAULT TYPE H = HACR G = GFCI L = C/B LOCK TC = TIME CLK			
FEED	MOUNTING/ NEMA TYPE		MAIN C/B OR MAIN LUG RATING & TYPE	AIC RATING	22,000		L-L	240			NB = NEW CIRCUIT BREAKER Sw = SWITCH CONTROL			
TOP	SURFACE/NEMA 1R STAINLESS STEEL		100A MAIN BREAKER	BUS MATERIAL	COPPER		L-N	120			CX = CONTACTOR CONTROL			
	BREAKER			LOAD		PHASING		LOAD			EX = EXISTING LOAD TO REMAIN NL = NEW LOAD ON EXISTING			
CKT NO.	(REMARKS)		LOAD DESCRIPTION	TYPE	LOAD VA	L1	L2	VA	TYPE	LOAD DESCRIPTION	BREAKER (REMARKS)		CKT NO	
1	20/2	-	KIOS AREA POLES	-	480			468	-	KIOS AREA POLES	20/2	-	2	
3					468			468					4	
5	20/2	-	KIOS AREA BOLLARDS	-	72			72	-	KIOS AREA POLES	20/2	-	6	
7					72			72					8	
9	-	-	SPACE	-	-			180	-	TIMER	20/1	-	10	
11	-	-	SPACE	-	-			-	-	SPACE	-	-	12	
13	-	-	SPACE	-	-			-	-	SPACE	-	-	14	
15	-	-	SPACE	-	-			-	-	SPACE	-	-	16	
17	-	-	SPACE	-	-			-	-	SPACE	-	-	18	
19	-	-	SPACE	-	-			-	-	SPACE	-	-	20	
21	-	-	SPACE	-	-			-	-	SPACE	-	-	22	
23	-	-	SPACE	-	-			-	-	SPACE	-	-	24	
								1,353		TOTAL CONNECTED LOAD IN VA - PHASE A				
								1,072		TOTAL CONNECTED LOAD IN VA - PHASE B				
								2,324		TOTAL CONNECTED LOAD IN KVA - ALL PHASES				
			125% REC DEMAND AMPERES LOAD		12.1			10		TOTAL CONNECTED LOAD IN AMPERES - ALL PHASES				

PANEL NAME			PANEL LOCATION	PANEL SCHEDULE							CIRCUIT BREAKER REMARKS			
RP-1			ELECTRICAL ROOM	BUS RATING	225 A		VOLTAGES				ARC= ARC FAULT TYPE H = HACR G = GFCI L = C/B LOCK TC = TIME CLK			
FEED	MOUNTING/ NEMA TYPE		MAIN C/B OR MAIN LUG RATING & TYPE	AIC RATING	10,000		L-L	208			NB = NEW CIRCUIT BREAKER Sw = SWITCH CONTROL			
TOP	SURFACE/NEMA 3R STAINLESS STEEL		225A MAIN BREAKER	BUS MATERIAL	COPPER		L-N	120			CX = CONTACTOR CONTROL			
	BREAKER			LOAD		PHASING		LOAD			EX = EXISTING LOAD TO REMAIN NL = NEW LOAD ON EXISTING			
CKT NO.	(REMARKS)		LOAD DESCRIPTION	TYPE	LOAD VA	L1	L2	L3	VA	TYPE	LOAD DESCRIPTION	BREAKER (REMARKS)		CKT NO
1	50/2	-	POLES P2/P6/P5	-	3,600				2,039	-	POLES P5/P6	80/2	-	2
3					3,600				2,039					4
5	40/2	-	POLES P1/P7/P8	-	3,050				580	-	RECEPTACLES	20/1	-	6
7					3,050				580		RECEPTACLES	20/1	-	8
9	20/2	-	LIGHTING	-	335				288	-	WALKWAYS LIGHTING POLES	20/2	-	10
11	20/1	-	LIGHTING	-	178				288					12
13	20/2	-	WALKWAYS LIGHTING POLES	-	507				429	-	WALKWAYS LIGHTING POLES	20/2	-	14
15					507				429					16
17	20/2	-	WALKWAYS LIGHTING POLES	-	626				180	-	MUSCO CONTROL PANEL	20/1	-	18
19					629				180		TIMER	20/1	-	20
21	20/1	-	CANOPY LIGHTING	-	112				80	-	EMERGENCY LIGHTS	20/1	-	22
23	-	-	SPACE	-	-				-	-	SPACE	-	-	24
25	-	-	SPACE	-	-				-	-	SPACE	-	-	26
27	-	-	SPACE	-	-				-	-	SPACE	-	-	28
29	-	-	SPACE	-	-				-	-	SPACE	-	-	30
31	-	-	SPACE	-	-				-	-	SPACE	-	-	32
33	-	-	SPACE	-	-				-	-	SPACE	-	-	34
35	-	-	SPACE	-	-				-	-	SPACE	-	-	36
37	-	-	SPACE	-	-				-	-	SPACE	-	-	38
39	-	-	SPACE	-	-				-	-	SPACE	-	-	40
41	-	-	SPACE	-	-				-	-	SPACE	-	-	42
									10,574		TOTAL CONNECTED LOAD IN VA - PHASE A			
									7,198		TOTAL CONNECTED LOAD IN VA - PHASE B			
									4,845		TOTAL CONNECTED LOAD IN VA - PHASE C			
									22,619		TOTAL CONNECTED LOAD IN KVA - ALL PHASES			
			125% REC DEMAND AMPERES LOAD		77.8				62		TOTAL CONNECTED LOAD IN AMPERES - ALL PHASES			

ELECTRICAL LEGEND:

PP — POWER DISTRIBUTION PANEL "PP". SEE PANEL SCHEDULE FOR DETAILS.

DUPLEX WALL RECEPTACLE, 20A, 125V, 1P, TAMPER RESISTANT 5-20R GROUNDING TYPE. SPECIFICATION COMMERCIAL GRADE, FLUSH MOUNTED, 18" AFF., 24" AFF. IN KITCHEN AREAS. REFER TO KITCHEN EQUIPMENT SCHEDULE FOR HEIGHTS OF RECEPTACLES SERVING THE KITCHEN EQUIPMENT. (UON)
WP= WEATHER PROOF.
G= GROUND FAULT TYPE.

LOP — LIGHTING CONTROL PANEL, 5'-0" AFF. SEE ELECTRICAL DIAGRAM FOR DETAILS.

TM — DIGITAL TIMER. SEE ELECTRICAL DIAGRAM FOR DETAILS.

(12) — CONDUIT RUN ABOVE REFLECTED CEILING OR EMBEDDED IN WALL. DASHES INDICATES AMOUNT OF CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHORT LINE BEING THE LIVE CONDUCTORS AND / = GROUND CONDUCTOR. NUMBER INDICATES CIRCUIT DESIGNATION. CONDUCTOR AND CONDUIT SIZE SHALL BE AS INDICATED ON THE HOME RUN OF THE CIRCUIT. IF NO DASHES ARE NOT SHOWN USE 2#12 CONDUCTOR AND 1#12 GROUND IN A 3/4" CONDUIT. (UON)

(12) — SAME AS ABOVE BUT EMBEDDED IN FLOOR OR WALL (UON)

PP (1,2) — HOME RUN TO PANEL. "PP" INDICATES DESTINATION PANEL AND THE NUMBERS INDICATES CIRCUIT NUMBERS (IF NUMBERS ARE SEPARATED BY "/ " THIS MEANS THAT IS A MULTIPOLE CIRCUIT). DASHES INDICATES AMOUNT OF LIVE CONDUCTORS IN THE CONDUIT, THE LONGER LINE BEING THE NEUTRAL, THE SHORT LINE BEING THE LIVE CONDUCTOR AND "/ " = GROUND CONDUCTOR. IF NO DASHES ARE SHOWN USE 2#12 CONDUCTORS AND 1#12 GROUND IN A 3/4" CONDUIT.

J — WALL MOUNTED 4 11/16" x 2 1/8" JUNCTION BOX, 18" AFF. (UON)

J — FLOOR MOUNTED 4 11/16" x 2 1/8" JUNCTION BOX, FLUSH MOUNTED. ADA COMPLAINT WITH RECESED COVER PLATE.

Sa — GENERAL PURPOSE LIGHTING SWITCH, 20A, 1P, 125V/277V, 48" AFF. SMALL LETTER INDICATES FIXTURE THAT IS BEING CONTROLLED. (UON)
3w = THREE WAY LIGHTING SWITCH.

Sa Sb — SAME AS ABOVE BUT GANG TOGETHER

A a — SURFACE OR RECESSED CEILING MOUNTED LIGHTING FIXTURE, (CAPITAL LETTER INDICATES FIXTURE TYPE, SMALL LETTER INDICATES SWITCH THAT CONTROLS THE FIXTURE) SEE LIGHTING SCHEDULE.

A a — SAME AS ABOVE BUT WALL MOUNTED, 8'-0" AFF. (UON)

a — LIGHTING FIXTURE, CEILING MOUNTED (CAPITAL LETTER INDICATES FIXTURE TYPE, NUMBER INDICATES CIRCUIT NUMBER, SMALL LETTER INDICATES SWITCH THAT CONTROLS THE FIXTURE) IF NO SMALL LETTER IS SHOWN, CONNECT THE LIGHTING FIXTURE TO THE LIGHTING SWITCH SHOWN ON DWG'S. SEE LIGHTING SCHEDULE FOR DETAILS.

EMERGENCY LED EXIT LIGHT 7W, 120V/277V WITH 90 MINUTES BATTERY BACK-UP, WALL MOUNTED, 7'-6" AFF. EQUAL TO MODEL SEL-50 AS MANUFACTURED BY COOPER.

ABBREVIATIONS:

A	AMPERES
ACT	ABOVE COUNTER TOP
AFF	ABOVE FINISHED FLOOR
AIC/KAIC	AMPERES INTERRUPTING CAPACITY
C	CONDUIT
CKT	CIRCUIT
DWG	DRAWING
EMT	ELECTRICAL METALLIC TUBING
E	EXISTING
F	FUSIBLE
G	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
FMC	FLEXIBLE METALLIC CONDUIT
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
MNF	MANUFACTURED
N/A	NOT APPLY OR NOT AVAILABLE
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
N.E.C.	NATIONAL ELECTRIC CODE
NF	NON-FUSIBLE
P	POLES
P.R.E.P.A.	PUERTO RICO ELECTRIC AND POWER AUTHORITY
RL	RELOCATED
RGS	RIGID GALVANIZED STEEL
SS	STAINLESS STEEL
TV	TELEVISION
TYP.	TYPICAL
UON	UNLESS OTHERWISE NOTED
U	CONNECTED TO PANEL FEED FROM UPS, ORANGE COLOR DEVICE AND COVER PLATE.
WP	WATERPROOF
W	WIRES
V	VOLTAGE
ϕ	PHASE

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PROJECT
ESCAMBRON SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ELETRICAL LEGEND AND NOTES

COMPUTER PLOT
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A	2023.10.27	90% DELIVERY	JST	JST

PROJECT
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R.L.R. J.S.T.

NUMBER 80 | TOTAL 83

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E-002

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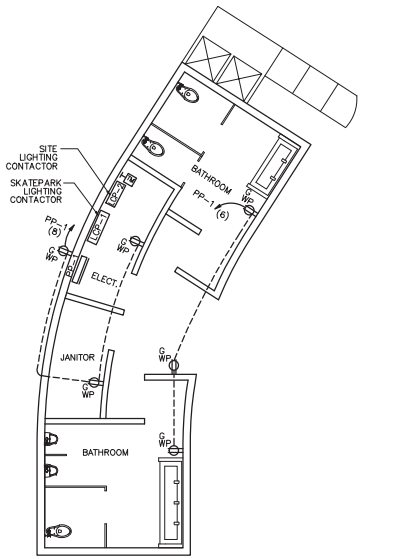
LIGHTING FIXTURE SCHEDULE

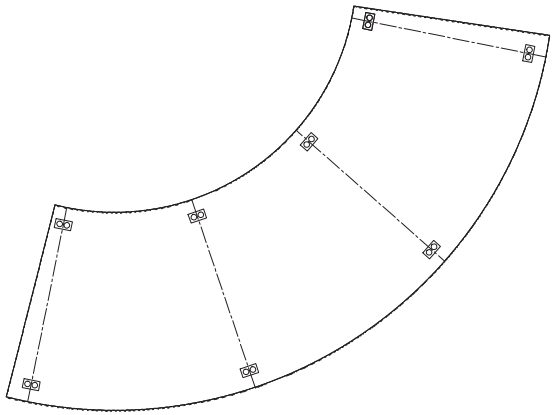
ITEM #	EQUIPMENT DESCRIPTION	LAMPS NO. AND TYPE	DRIVER	VOLTAGE	MANUFACTURER MODEL NUMBER	REMARKS
L1	LED ROUND SURFACE MOUNTED	LED/2619 LUMENS/32W/3000K	LED DIM TO 1% (0-10V)	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL FCW3800-UNV-3K-CRI85-26L-WHE AS MANUFACTURED FC LIGHTING	(1)
L2	7"X48" SURFACE MOUNTED	LED/6944 LUMENS/50W/3000K	LED DRIVER	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL BS100LED-4-HT-MO-WT30-120-277V-SS AS MANUFACTURED BY BEGHELLI	(1)
L3	EXTERIOR SQUARE WALL MOUNTED	LED/2000 LUMENS/25W3000K/TYPE III	LED DIM TO 1% (0-10V)	120V-277V	EQUAL OR APPROVED EQUAL TO MODEL BLDN-WM-VOLT-CSL-XS20-30K-CRI80-3-FINISH-DIM-CRC MANUFACTURED BY LUMENPULSE	(1)
L4	CEILING MOUNTED LED FIXTURE	LED/782LUMENS/16W/3000K	LED DIM TO 1% (0-10V)	120V	EQUAL OR APPROVED EQUAL TO MODEL BLRD5-16C3-30KS-25-S-WH-120V-D19 AS MANUFACTURED BY USAI	(1)

(1) COORDINATE LUMINARIES MODEL WITH THE MODELS SPECIFIED IN THE ARCHITECTURAL DRAWINGS. OBTAIN APPROVAL FROM THE ARCHITECT.

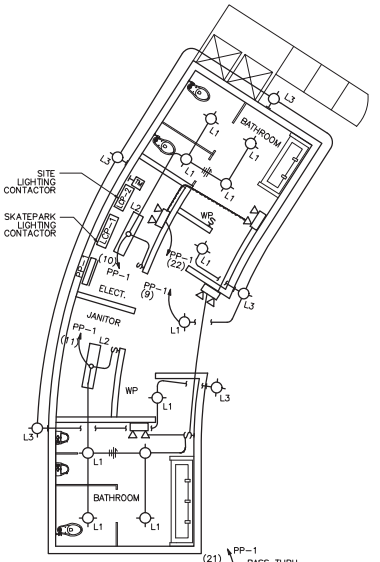
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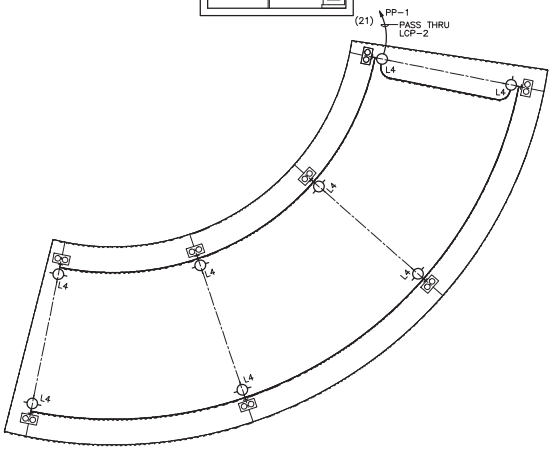
1. FOR ELECTRICAL GENERAL NOTES SEE DWG. E-001.
2. FOR ELECTRICAL LEGEND SEE DWG. E.002.





ENTRANCE CANOPY AND PUBLIC BATHROOM PROPOSED ELECTRICAL PLAN
SCALE: 3/16"=1'-0"





ENTRANCE CANOPY AND PUBLIC BATHROOM PROPOSED LIGHTING PLAN
SCALE: 3/16"=1'-0"

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PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
ENTRANCE CANOPY AND PUBLIC BATHROOM
PROPOSED LIGHTING PLAN

COMPUTER PLOT
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NUMBER	TOTAL
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DRAWING NAME
RENDERS

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JDD I.H.

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AUTONOMOUS MUNICIPALITY OF SAN JUAN

PROJECT
ESCAMBROM SKATEPARK AND INSPROVEMENTS OF TERCER MILENIO PARK

DRAWING NAME
RENDERS

COMPUTER PLOT
THIS DRAWING WAS DRAFTED ON A CAD SYSTEM ALL CHANGES OR CORRECTIONS MUST BE STRICTLY EXECUTED ON CAD. ANY QUESTIONS PLEASE CONTACT HERNANDEZ-BAUZA

NO.	DATE	REVISION	BY	APPROVED

PROJECT

DRAWING BY/CHECKED BY
JDD I.H.

NUMBER	TOTAL
83	83

DRAWING NUMBER
RE-2