



**U.S. Department of Housing and Urban
Development**

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Washington, DC 20410
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**Form 2-5 Statutory Checklist
Environmental Review for Activity/Project that is
Categorically Excluded Subject to Section 58.5
Pursuant to 24 CFR 58.35(a)**

Project Information

Project Name: Revitalización Plaza Publica Felisa Rincón (PR-CRP-000968)

Responsible Entity: Puerto Rico Department of Housing (PRDOH)

Grant Recipient (if different than Responsible Entity): Municipality of Ceiba

State/Local Identifier: Puerto Rico

Preparer: Annette M. Fernandez Rosario, PE, PA, IPV, LEED AP, NGBS Green Verifier
Environmental Consultant

Certifying Officer Name and Title:

Aldo A. Rivera Vazquez, Director of Program Management,
Juan Carlos Perez-Bofill - Director, Disaster Recovery CDBG-DR
Sally Z. Acevedo-Cosme - Permits and Environmental Compliance Specialist
Pedro de León Rodriguez - Permits and Environmental Compliance Specialist
Maria T. Torres-Bregón - Permits and Environmental Compliance Manager
Angel G. López Guzmán - Deputy Director, Permits and Environmental Compliance
Specialist
Ivelisse Lorenzo Torres - Permits and Environmental Compliance Specialist
Santa Ramírez Lebrón - Permits and Environmental Compliance Specialist
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Limary Vélez Marrero - Permits and Environmental Compliance Specialist
Mónica Machuca Rios - Permits and Environmental Compliance Specialist
Abdul Feliciano-Plaza - Permits and Environmental Compliance Specialist
Javier Mercado-Barrera - Permits and Environmental Compliance Specialist
Priscilla Toro-Rivera - Permits and Environmental Compliance Specialist

Consultant (if applicable): AVA Environmental Consultants, Inc.

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

Project Location: 18.264664, -65.648287; 267 Ave. Lauro Piñero, Ceiba, P.R. Plaza cadaster
number 205-047-016-01. Streets and sidewalks do not have cadaster numbers.

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

The Municipality of Ceiba and the City Revitalization Program (City Rev Program) proposes the revitalization of the Municipal Town Square (Plaza) and strategically recreate it as a safer and adequate pedestrian zone preserving the historic components located in it (Figure 1: Project Drawings CRP-000968 Issue for Bid 2023-10-02)

The project will include improvements to lighting, construction of benches and trash recipients throughout the Plaza, expansion and reconstruction of sidewalks and crossways, new pedestrian crossings within the municipal streets, construction of a new public stage for local events, installation of trellis (open roofs areas), installation of sculptures with typical local themes as focal points, improvements to the green areas and botanical beautification. The improvements to the Plaza area will provide local small business commercial spaces to lease during local events.

The Jose Quiñones Street level will match the sidewalk grade. The sidewalk opposite the Plaza in the Jose Quiñones Street will be expanded, parallel parking spaces will be added on that side of the street, as will pedestrian crossings to the Plaza. Similarly, the eastern side of the sidewalk to the other side of the Plaza in the Fuente Fria Street will be expanded and a pedestrian crossing added on that side and on the western side. Another pedestrian crossing will be incorporated on the Escolastico Lopez Street. The Plaza's footprint will be increased by approximately 6.7%, from 5,479.09 square meter to 5,855.85 square meters.

Demolition works:

Demolition works will include:

- Removal of the existing pavers within the plaza, demolition of existing planters, demolition of the gazebo, concrete stairs, removal of urban mobiliary and bollards, removal of lighting posts and demolition of sidewalks and curbs. The demolition works inside the plaza will be performed using lightweight equipment to prevent damages below ground. Where applicable, precautions must be taken when working on areas identified as environmental, architectural, and archeological sensitive.
- Existing palms and small trees within the plaza and project area will be removed and discarded as non-hazardous waste. (Refer to Figure 2: Civil Drawings for location of the trees). There are two Ceiba trees on the Plaza. According to the Landscape Drawing (Figure 3), one of them will remain in its current location and will be protected during construction per the specifications in Drawing L-200, Detail A of said drawings. The second Ceiba tree will be relocated to another area in the Plaza. The biologist or professional in charge of the preparation and filing of the Tree Cutting, Pruning, Transplanting and Planting Authorization (Autorización de Corte, Poda y Trasplante y Siembra de Arboles) will indicate the contractor the correct procedure to follow for said relocation. The current locations of the trees are depicted in Drawing LD-100 of the Landscape Drawings and D100 of the Civil Drawings. Prior to construction commencement, after the construction permit is obtained, a Tree Cutting, Pruning, Transplanting and Planting Authorization, will

be filed at the OGPe to authorize the landscaping activities of the project. Mitigation activities required by this permit will be included in the application, following the Puerto Rico Department of Natural and Environmental Resources (PRDNER) guidelines, as indicated in the regulation. PRDNER regulations will be followed at all times.

- The existing fence around the San Antonio de Padua church will be removed and its concrete base demolished using small demolition equipment (ie, electric jack hammer), to minimize any disturbance below ground. The fence will be replaced with grass. The historical church will not be impacted by these works.
- Pavers and bollards will be removed from the sidewalk across the Plaza in the Jose T. Quinones Street, handicap ramps, planters, and curbs will be demolished, and palms will be removed.
- Cold milling of bituminous asphalt pavement will be performed on the Fuente Frias Street. Demolition works on the street will occur on a small strip adjacent to the Plaza to the south and on the eastern part adjacent to the sidewalk on the other side of the Plaza to north.
- The eastern part of the sidewalk across the Plaza in the Fuente Frias Street will be demolished, as well as an area in the western sidewalk where a ramp will be constructed.
- A strip adjacent to the Plaza of the Escolastico Lopez Street will be demolished, as well as a small area on the southern part of the sidewalk across the Plaza where a handicap ramp will be constructed.

Construction works:

Construction works include:

- New concrete sidewalks and curbs will be constructed, and surface treatments will be applied to other areas of the Plaza.
- New concrete stairs and ramps will be constructed inside the Plaza, following ADA regulations. Footings for these structural elements will have a depth of approximately 3.0 feet. Small construction equipment will be used to minimize disturbances below grade.
- New trellis structures will be constructed to be used as possible small commercial spaces and to provide shade to visitors. The commercial spaces will have potable and sanitary plumbing connections, electrical connections and grease traps. Footings for these structural elements will have a depth of approximately 3'9". Small construction equipment will be used to minimize disturbances below grade.
- New stage facilities of approximately 90 square meters (968.7ft²) will be constructed in the northeast of the Plaza. Footings for these structural elements will have a depth of

approximately 3.0 feet. Small construction equipment will be used to minimize disturbances below grade.

- Parallel parking areas will be incorporated in the Fuente Frias Street and Lauro Piñero Street sides of the Plaza.
- Urban mobiliary, such as concrete benches with wood material, metal dumpsters, bollards, and concrete planters above the surface of the plaza will be installed to harmonize with the architectural features of its surrounding historic buildings and setting.
- Solar luminaires to provide lighting around the new plaza will be installed. The luminaire's concrete base will have footings with a depth of approximately 3.0 feet.
- New landscape will be incorporate to provide vegetation that complements the new plaza and its elements.
- Jose T Quiñones Street level will match the sidewalk grade and will have a stamped pavement finish.
- The sidewalk opposite the Plaza in the Jose Quiñones Street will be expanded, parallel parking spaces will be added on that side of the street, as will pedestrian crossings to the Plaza.
- An elevated pedestrian crossing will be constructed in the northeastern edge of the Plaza towards the opposite sidewalk of the Frias Street which will be widened. A handicap ramp will be constructed on the western edge of said sidewalk. The Fuente Frias Street will be finished with concrete pavement.
- A pedestrian crossing will be incorporated on the south of the sidewalk across the Plaza on the Escolastico Lopez Street.
- Two kiosks will be constructed on the northwest of the plaza. The construction of these kiosks includes plumbing, sanitary sewer, and electrical works.

The staging area for the construction equipment and materials will be located at Jose T. Quiñones Street. Construction equipment and materials will be stored outside the Plaza area, in the staging area at Jose T. Quinones Street, avoiding possible adverse impacts to the historic buildings (Refer to Drawing C480 of the Civil Drawings in Figure 2).

The project will comply with all applicable environmental regulations. Throughout the project to avoid discharges from reaching the storm sewer system, erosion and sedimentation control measures will be implemented. Measures may include but are not limited to installation of silt socks (or hay bales), silt fence, and entrance stabilization with washout to avoid sediment track

out to the adjacent streets. Staging and storage areas for construction materials will be protected with silt fence, and any other control needed. All sediment control measures will be inspected according to regulations and will be replaced as needed. If additional measures are required, they will be implemented.

Construction works will be performed in compliance with federal and local regulations. A Maintenance of Traffic Plan (MOT) and temporary control devices will be implemented to control vehicular traffic and provide a safe route for pedestrians during the construction works. The MOT will be prepared in accordance with the PRHTA and FHWA standards and regulations. Safety measures will be implemented in compliance with federal and local regulations for pedestrians, cyclists, and vehicular traffic in this area.

The project is located outside the 100-year and 500-year floodplain. The Level of Environmental Review for this project has been identified as a Conditionally Exempt Subject to Part 58, as it complies with section 58.35(a) (1). Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets).

Level of Environmental Review Determination

Categorically Excluded Activities Subject to 58.5 (CEST per 24 CFR 58.35(a)) – 58.35(a) (1). Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets)

Funding Information

Grant Number	HUD Program Funding	Amount Estimated
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

Total HUD Funded Amount: \$3,714,220.87

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$3,714,220.87

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

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

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 & 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No ☐ ☒	The project site is not within 15,000 feet of a military airport or 2,500 feet of a civilian airport. The nearest civilian airport is José Aponte de la Torre Airport, approximately 0.53 miles (2,798 feet) to the east of the Site. The nearest military airport is Luis Munoz Marin Airport, located approximately 26.27 miles (138,705 feet) to the northwest of the site. That means it is not located within a Runway Potential Zone/Clear Zone (RPZ/CZ) or Accident Potential Zone (APZ). Refer to Exhibit No.1 Airports Hazards
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No ☐ ☒	The project location is outside the coastal zone limits and/or is not expected to affect natural resources, land uses, or water uses in the Puerto Rico coastal zone. The Project is not located in a CBRS unit. The closest CBRS Unit is PR-10 Punta Barrancas, located approximately 3.05 mi northeast of the project. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act. There are no anticipated adverse effects due to the project's development. Refer to Exhibit No.2 CBRS
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 ☐ ☒	According to FEMA Panel ID 72000C0820J, effective date November 18, 2009, the selected site is not located in a floodplain. It stands within Zone X defined as an area determined to be outside the 500-year flood by FEMA.

		Flood insurance is not required for public infrastructure. However, all Municipalities of Puerto Rico participate in the National Flood Insurance Program and are currently in good standing with the agency. Floodplan Number: 72000C0820J Date: 11/18/2009 FIRMETTE; 13/April/2018 ABFE's Refer to Exhibit No.3 FEMA Firmette
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes No ☐ ☒	The project location and the Municipality of Ceiba is not currently listed as a nonattainment area. During construction, the contractor must implement measures to prevent dust from becoming a nuisance to neighboring areas. Refer to Exhibit No. 4 Air Quality, Exhibit 4a: EPA Greenbook - Current Nonattainment Counties for All Criteria Pollutants, and Exhibit 4b: Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No ☐ ☒	The project is located outside the area identified as Coastal Zone Line Boundary; thus, it does not affect Coastal Zone Management Plan. The closest Coastal Zone Line Boundary is located approximately 0.50 miles east of the project. There are no anticipated adverse effects to said area due to the project's development. The project is in compliance with the Coastal Zone Management Act. Refer to Exhibit No.5 Coastal Zone Land Boundary
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes No ☒ ☐	The NEPAassist database was reviewed to identify EPA Facilities within 3,000 ft of Site. The following EPA facilities were detected: • One (1) Water Dischargers Sites (NPDES) • Three (3) Hazardous Waste (RCRA) Additional information obtained from the EDR Radius Report and PRDNER 2020 LUST lists: • One (1) Active Leaking Underground • Storage Tanks (LUSTs) • Two (2) Inactive LUSTs

		According to the information available, these facilities do not appear to present an environmental concern for the Site, either because no other significant noncompliance or high priority violation had been identified as of 12/31/2022 for the NPDES facility and as of 06/03/2023 for the RCRA facilities, or because conditions suggest releases at the LUSTs sites are not expected to have had the potential to migrate to affect the subject property. Please refer to Exhibit 6a for detailed information regarding the facilities identified. Lead Based Paint (LBP) and Asbestos Containing Materials (ACM) surveys were performed at the project area. Asbestos was not found. LBP was identified above the regulatory level of 1.0 mg/cm² in some areas of the project, such as concrete curbs and hydrants. Refer to Exhibit 6b for additional details. Mitigation measures will be taken to safely remove the LBP in the areas that will be impacted by the project in compliance with local regulations. Clearance tests will be performed after removal to ensure no lead is left, and lead containing material will be taken to a proper disposal facility. These are detailed in the Mitigation Measures and Conditions [40 CFR 1505.2(c)] section below. Per CPD-23-103 (Departmental Policy for Addressing Radon in the Environmental Review Process), exemptions from having to consider radon in the contamination analysis include projects involving non-residential buildings that will not be occupied for more than 4 hours a day. The project involves the rehabilitation of a plaza; therefore, radon will not be a concern. Refer to No.6: NEPAassist Radius Map and JP GIS UST Map; Exhibit 6a: NEPAassist Identified Facilities within 3,000 ft, Exhibit 6b: Asbestos and Lead Survey.
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes No ☐ ☒	The proposed project presents the revitalization of the public plaza, and its surroundings located in a densely populated, urban landscape. The site is not identified as a critical habitat by the US Fish and Wildlife Services (USFWS). The Critical Habitat Closest to the Site is

		located approximately 1,777 ft (0.34 miles) to the southeast (yellow-shouldered blackbird critical habitat). However, the Endangered Species List Report indicated that one specie, the Puerto Rican Boa, whose habitat has been designated wherever found could be found at the Site. Species on this report will be considered in the analysis and design of the project. The project conforms to Project Criteria No. 1, 2, 8 and 9 of the Blanket Clearance Letter for Federally sponsored projects, Housing and Urban Development dated January 14, 2013. USFWS concurred. The project is in compliance with the Endangered Species Act. USFWS concurred with the determination. (Refer pages 237-254). As stated in the project description, existing palms and small trees within the plaza and project area will be removed and discarded as non -hazardous waste. (Refer to Figure 2: Civil Drawings for location of the trees). Regarding the two Ceiba trees on the Plaza, according to the Landscape Drawing (Figure 3), one of them will remain in its current location and will be protected during construction per the specifications in Drawing L - 200, Detail A, of said drawings. The second Ceiba tree will be relocated to another area in the Plaza. The biologist or professional in charge of the preparation and filing of the Tree Cutting, Pruning, Transplanting and Planting Authorization (Autorización de Corte, Poda y Trasplante y Siembra de Arboles) will indicate the contractor the correct procedure to follow for said relocation. The current locations of the trees are depicted in Drawing LD-100 of the Landscape Drawings and D100 of the Civil Drawings. Prior to construction commencement, after the construction permit is obtained, a Tree Cutting, Pruning, Transplanting and Planting Authorization, will be filed at the OGPe to authorize the landscaping activities of the project. Mitigation activities required by this permit will be included in the application, following the Puerto Rico Department of Natural and Environmental Resources (PRDNER) guidelines, as indicated in the regulation. PRDNER regulations will be followed at all times.
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		Refer to Exhibit 7: USFWS Self-Certification Package
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes No ☐ ☒	Not Applicable. Project does not include a hazardous facility or the development, construction, rehabilitation that will increase residential densities, or conversion. According with this information the project is in compliance with 24 CFR Part 51 Subpart C.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No ☐ ☒	This project does not include any activities that could potentially convert agricultural land to non-agricultural use. Furthermore, the soils in the area are not identified as Farmland of Statewide Importance. The project is in compliance with the Regulation.
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55 EO 13690 and 11988, according to the New Rule (FFRMS)	Yes No ☐ ☒	The proposed project site is not located within a FFRMS floodplain. This determination was performed using the 0.2-Percent-Annual-Chance Flood Approach (0.2 PFA). According to the Advisory Base Flood Elevation (ABFE) map effective April 13, 2018, the project area is classified as Zone X. This zone is designated by FEMA as outside of the 500-year floodplain. The project is located within Zone X in the ABFE map and the effective Flood Insurance Rate Map (FIRM). The proposed project involves non-critical actions that are located outside the 0.2-percent-annual-chance floodplain (500-year flood zone elevation). Therefore, the proposed project is in compliance with the Executive Order 11988, as amended by the Executive Order 11988 and 24 CFR Part 55. Refer to Exhibit No.3 FEMA Firmette, and Exhibit 3a ABFE's Map.

Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes No ☒ ☐	The Section 106 NHPA Effect Determination performed for the project concluded that there would be No Adverse Effect, if the conditions indicated were followed: (a) a Phase IA. (b) an archaeological Supervision/Monitoring with a plan of inadvertent discovery of cultural materials and human remains, (c) a Protection Plan during the construction of the identified historical properties (d) and the execution of controlled demolition in the APE. On June 26, 2023, SHPO concurred with the finding, conditioned to an archeological monitoring during demolition and ground disturbing activities, along with desk-based research and protection of the identified historical properties. They requested the archeological monitoring and protection plan be presented to them for review and concurrence. SHPO approved the archaeological monitoring plan on August 10, 2023. ICP requested changes in scope (elimination of two trellis structures, trellis roof, and the relocation of two trellises on the north side of the plaza). The Scope changes were submitted to SHPO and on May 3, 2024 and they concurred with the finding that the scope change would not have an adverse effect. The project involves excavations to a depth of 3'9" for the construction of the new trellis according to drawings. Project descriptions provided to SHPO by the SOI Qualified Archeologist for evaluation and approval indicated a depth of 3 feet, although for the monitoring, the 3'9" drawings were included. Refer to Exhibit 9: SHPO Concurrence and 106 NHPA Effect Determination, 9a: Archeological Monitoring and Protection Plan and SHPO Letter of Approval and 9b: SHPO Concurrence with Scope Changes
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 ☐ ☒	Not Applicable. Project does not include new construction for residential use or rehabilitation of an existing residential property.

Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No ☐ ☒	Puerto Rico is included in Region II of the USA EPA designated sole-source aquifer regions. There are no sole source aquifers in Puerto Rico. Hence, the project is not served by designated sole source aquifers nor is it located within a sole source aquifer watershed. Refer to Exhibit No.10 Sole Source Aquifers
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No ☐ ☒	The nearest wetland is located 0.07 mi to the north of the Site. The project site is not located on any riparian nor wetlands. Furthermore, a permit will not be required as per Section 404 of the Clean Water Act for the project will not require the discharge of dredger or fill material into wetlands. Refer to Exhibit No.11 National Wetlands Inventory
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No ☐ ☒	Puerto Rico has approximately 5,385 river miles. Only 8.9 miles of three rivers are designated as wild & scenic. There are no surrounding rivers that qualify as wild and scenic rivers. The closest wild and scenic river (Rio Mameyes) is in the Yunque Rainforest, more than 8.15 miles northwest of the project site. The project poses no harm to this river. Refer to Exhibit No.12 Wild and Scenic Rivers
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No ☐ ☒	Since the proposed project is not expected to have significant adverse impacts, and impacts identified will be mitigated, there are no disproportionate adverse impacts anticipated on the surrounding community. Furthermore, the project will positively impact the quality of life of all citizens of Ceiba, which is identified as a minority and low-income population. The project is in compliance with Executive Order 12898.

Field Inspection (Date and completed by): 11/08/22, AVA Environmental Consultants Inc. Personnel

08/08/2024 - Field Inspection by PRDOH and HORNE (Limary Vélez, Ángel López, María Torres, Lauren Poche, and Alberto Mercado).

Summary of Findings and Conclusions:

The proposed project consists of the revitalization of the Plaza area and surrounding streets. The project complies with the statutes, executive orders, and regulations evaluated as part of this assessment, except for the followings:

- Contamination and Toxic Substances - Lead based paint was found in some of the area of the site. Applicable local regulations will be followed prior to demolishing the area to remove them. Mitigation measures are described in the following section.
- Historic Preservation - The following conditions must be complied with: (a) a Phase IA. (b) an archaeological Supervision/Monitoring with a plan of inadvertent discovery of cultural materials and human remains, (c) a Protection Plan during the construction of the identified historical properties (d) and the execution of controlled demolition in the APE. SHPO concurred with the finding, conditioned to an archeological monitoring during demolition and ground disturbing activities, along with desk-based research and protection of the identified historical properties. They requested the archeological monitoring and protection plan be presented to them for review and concurrence. In a letter dated May 3, 2024, SHPO concurred with the determination that the updated scope of work will not have an adverse effect on historic properties conditioned to the implementation of the archaeological monitoring plan approved by SHPO on August 10, 2023.
- PRDRNA Tree Cutting, Pruning, Transplanting and Planting Mitigations - A Tree Cutting, Pruning, Transplanting and Planting Authorization (Autorización de Corte, Poda y Trasplante y Siembra de Árboles), will be filed at the OGPe to authorize the landscaping activities of the project. Mitigation activities required by this permit will be included in the application, following the PRDNER guidelines, as indicated in the regulation. PRDNER regulations will be followed at all times.
- Erosion Control and Sedimentation - Stormwater pollution prevention measures shall be implemented throughout the construction period, until final stabilization of the Site is achieved. These measures include best management practices from the following categories: • Material storage and spill cleanup, • Earth-moving activities and erosion control, • Roadwork and pavement construction, • Vehicle and equipment maintenance, • Paints, solvents, and adhesives, • Concrete, cement, and mortars, and • Waste disposal. Federal and Local regulations will be followed, permits will be obtained, and the required compliance inspections will be performed.

The proposed project is not expected to negatively impact the area, as it is being undertaken in a previously developed area and identified impacts can be mitigated.

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
PR DRNA Lead Regulation	Prior to the demolishing of a structure containing lead-based paint, the contaminated surfaces or substrates must be abated or removed. The waste generated has to be characterized to determine if it is hazardous or nonhazardous. The firm providing the abatement services must be certified by the PR DRNA. Workers conducting the assessment must be trained and certified by a training provider accredited by the PR DRNA. The product manufacturer and/or contractor must warrant abatement methods to last a minimum of 20 years, or these methods must have a design life of at least 20 years. If enclosure or encapsulation is used ad abatement, ongoing lead-based paint maintenance is required, as the lead-based paint remains on the Site.
PRDRNA Tree Cutting, Pruning, Transplanting and Planting Mitigations	A Tree Cutting, Pruning, Transplanting and Planting Authorization (Autorización de Corte, Poda y Trasplante y Siembra de Arboles), will be filed at the OGPe to authorize the landscaping activities of the project. Mitigation activities required by this permit will be included in the application, following the PRDNER guidelines, as indicated in the regulation. PRDNER regulations will be followed at all times
Historic Preservation	The following conditions must be complied with: (a) a Phase IA. (b) an archaeological Supervision/Monitoring with a plan of inadvertent discovery of cultural materials and human remains, (c) a Protection Plan during the construction of the identified historical properties (d) and the execution of controlled demolition in the APE. SHPO concurred with

	the finding on a letter dated June 26, 2023, conditioned to an archeological monitoring during demolition and ground disturbing activities, along with desk-based research and protection of the identified historical properties. The Archeological Monitoring and Protection Plan was approved on August 10, 2023, and a change in scope on May 3, 2024.
Erosion Control and Sedimentation	Stormwater pollution prevention measures shall be implemented throughout the construction period, until final stabilization of the Site is achieved. These measures include best management practices from the following categories: • Material storage and spill cleanup, • Earth-moving activities and erosion control, • Roadwork and pavement construction, • Vehicle and equipment maintenance, • Paints, solvents and adhesives, • Concrete, cement and mortars, and • Waste disposal. Federal and Local regulations will be followed, permits will be obtained, and the required compliance inspections will be performed.
Permits and endorsements	The project will adhere to all applicable regulations, ensuring full compliance with both state and federal requirements. This includes meeting standards set forth by relevant agencies, adhering to environmental, safety, and construction codes, and following established protocols to secure necessary permits and approvals.

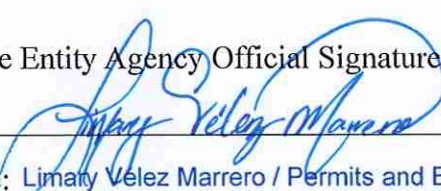
Determination:

- ☐ This categorically excluded activity/project converts to Exempt, per 58.34(a)(12) because there are no circumstances which require compliance with any of the federal laws and authorities cited at §58.5. Funds may be committed and drawn down after certification of this part for this (now) EXEMPT project; OR
- ☒ This categorically excluded activity/project cannot convert to Exempt because there are circumstances which require compliance with one or more federal laws and authorities cited at §58.5. Complete consultation/mitigation protocol requirements, publish NOI/RR OF and obtain "Authority to Use Grant Funds" (HUD 7015.16) per Section 58.70 and 58.71 before committing or drawing down any funds; OR
- ☐ This project is now subject to a full Environmental Assessment according to Part 58 Subpart E due to extraordinary circumstances (Section 58.35(c)).

Preparer Signature:  Date: 11-16-2024

Name/Title/Organization: Annette M. Fernandez Rosario PE, PA, IPV, NGBS Verifier/
President /AVA Environmental Consultants, Inc.

Responsible Entity Agency Official Signature:

 Date: 12/06/2024

Name/Title: Limary Velez Marrero / Permits and Environmental Compliance 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).

List of Figures:

Figure 1: Proposed Project Drawings PR-CRP-000968

Figure 2: Civil Drawings PR-CRP-000968

Figure 3: Landscape Drawings PR-CRP-000968

List of Exhibits:

Exhibit 1: Airport Hazards

Exhibit 2: CBRs

Exhibit 3: FEMA FIRMS

Exhibit 3a: ABFE's Map

Exhibit 3b: FFRMS Map

Exhibit 4: Clean Air Act

Exhibit 4b: EPA Greenbook - Current Nonattainment Counties for All Criteria Pollutants

Exhibit 4b: Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Exhibit 5: Coastal Zone Management

Exhibit 6: NEPA Assist Radius Map and JP GIS UST Map

Exhibit 6a: NEPA Assist Identified Facilities within 3,000 ft

Exhibit 6b: Asbestos and Lead Survey

Exhibit 6c: Memorandum of Justification for the Infeasibility and Impracticability of Radon Testing

Exhibit 7: Endangered Species

Exhibit 8: Farmlands Classification

Exhibit 9: SHPO Concurrence and 106 NHPA Effect Determination

Exhibit 9a: Archeological Monitoring and Protection Plan and SHPO Letter of Approval

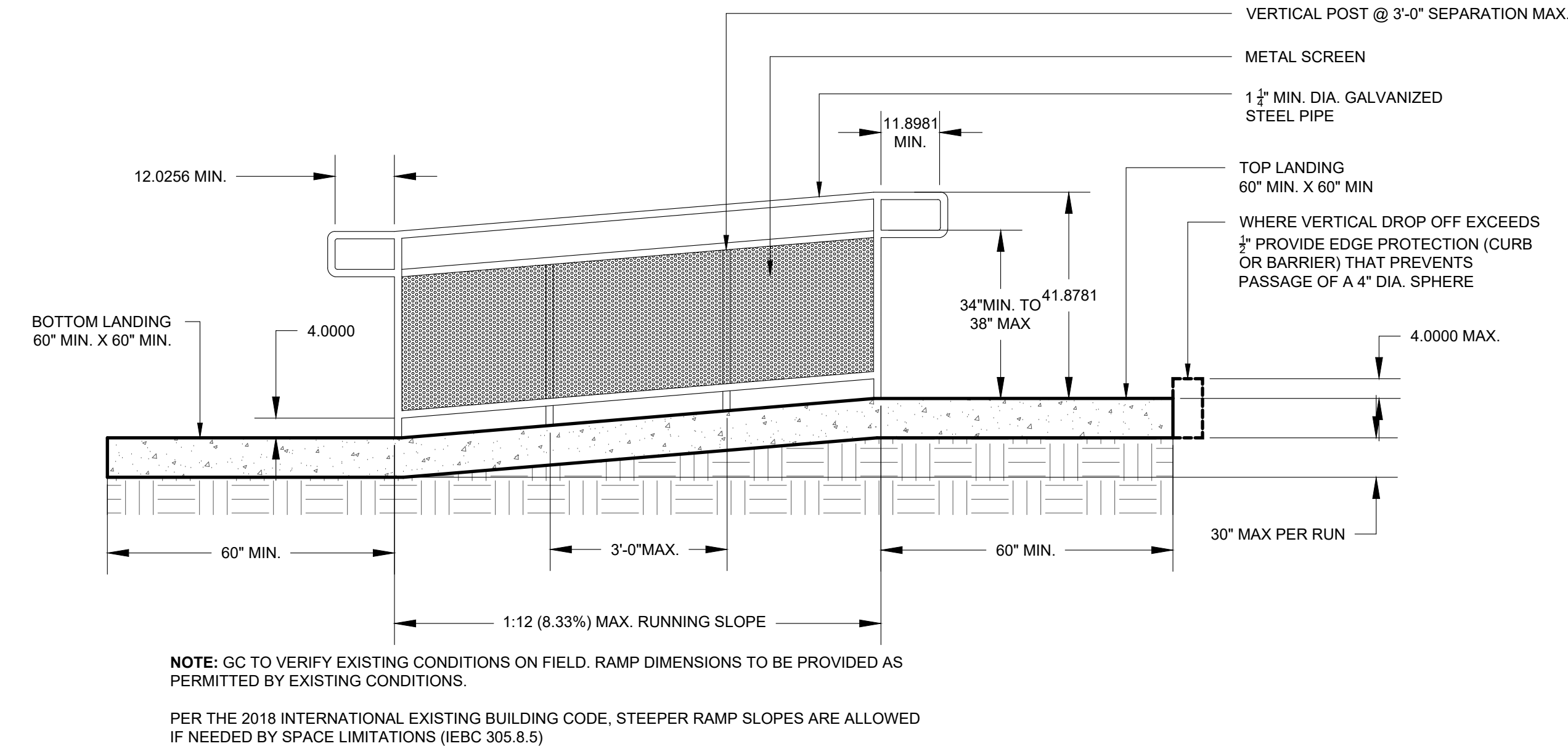
Exhibit 9b: SHPO Concurrence with Scope Changes Exhibit 10: Sole Source Aquifers

Exhibit 11: Wetlands Protection

Exhibit 12: Wild and Scenic Rivers

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\ID\22019-G004.dwg

D
C
B
A



SLOPE	MAX. RISE
1:10-1:8	0'-3"
1:12-1:10	0'-6"

RAMPS - GENERAL NOTES & DETAILS

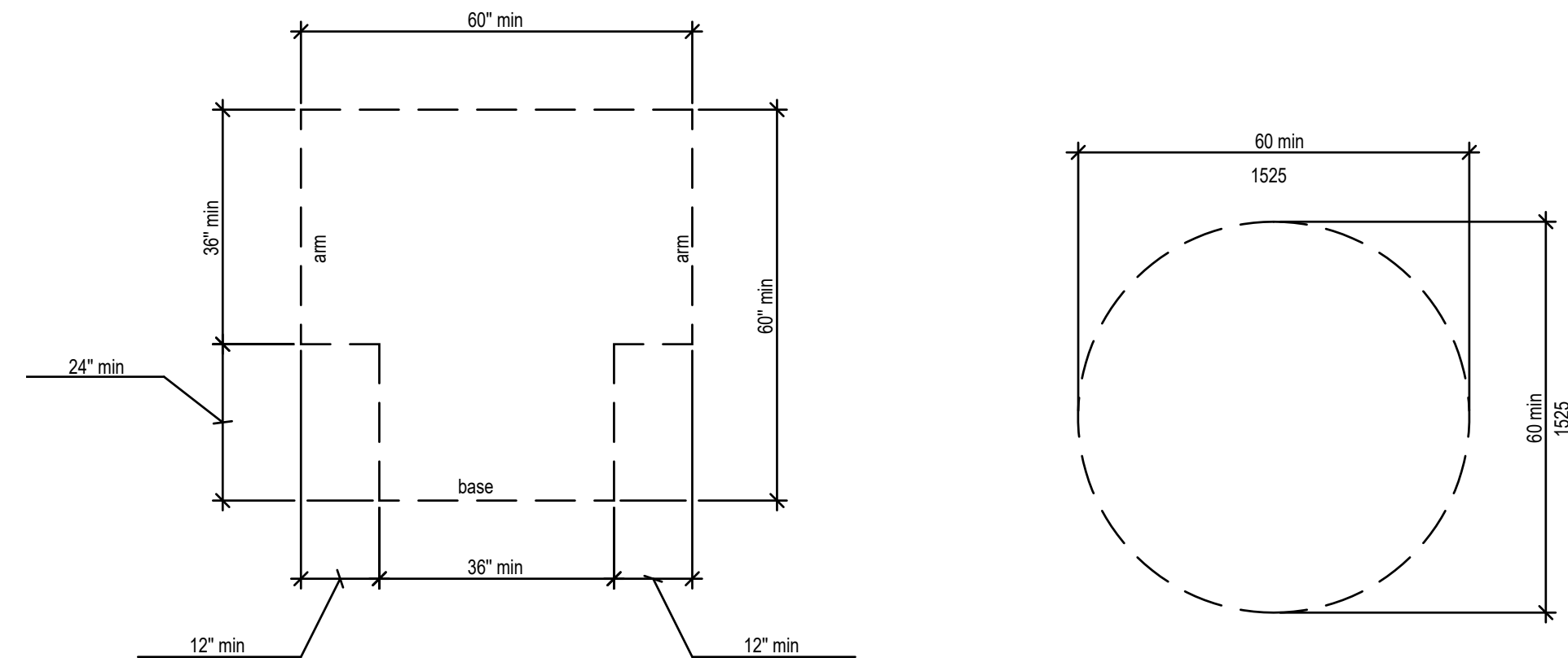
- SLOPE:** RAMP RUNS MUST HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12.
- CROSS SLOPE:** CROSS SLOPE OF RAMP RUNS MUST NOT BE STEEPER THAN 1:48.
- CLEAR WIDTH:** THE CLEAR WIDTH MUST BE 36" MIN BETWEEN HANDRAILS.
- RISE:** THE RISE FOR ANY RAMP RUN MUST BE 30" MAX.
- LANDINGS:** RAMP MUST HAVE LANDINGS AT THE TOP AND BOTTOM OF EACH RAMP RUN. LANDINGS MUST BE STABLE, FIRM, AND SLIP RESISTANT. CHANGES IN LEVEL ARE NOT PERMITTED.
LANDING CLEAR WIDTH: AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING.
LANDING CLEAR LENGTH: 60" MIN.
RAMP THAT CHANGE DIRECTIONS BETWEEN RUNS AT LANDINGS MUST HAVE A CLEAR LANDING OF 60" MIN X 60" MIN. WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES ARE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA. LANDINGS SUBJECT TO WET CONDITIONS MUST BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER.
- HANDRAILS:** RAMP RUNS WITH A RISE GREATER THAN 6" MUST HAVE HANDRAILS. WHERE REQUIRED, GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, INCLUDING MEZZANINES, EQUIPMENT PLATFORMS, AISLES, STAIRS, RAMP AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES (762 MM) MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES (914 HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.8.
- FLOOR OR GROUND SURFACES:** FLOOR OR GROUND SURFACES OF RAMP RUNS MUST BE STABLE, FIRM, AND SLIP RESISTANT. CHANGES IN LEVEL OTHER THAN THE RUNNING SLOPE AND CROSS SLOPE ARE NOT PERMITTED ON RAMP RUNS.
- EDGE PROTECTION:** EDGE PROTECTION MUST BE PROVIDED ON EACH SIDE OF RAMP RUNS AND AT EACH SIDE OF RAMP LANDINGS. THE FLOOR OR GROUND SURFACE OF THE RAMP RUN OR LANDING MUST EXTEND 12" MIN. BEYOND THE INSIDE FACE OF A HANDRAIL. THE EXTEND SURFACE PREVENTS WHEELCHAIR CASTERS AND CRUTCH TIPS FROM SLIPPING OFF THE RAMP SURFACE. A CURB OR BARRIER MUST BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4" DIAMETER SPHERE, WHERE ANY PORTION OF THE SPHERE IS WITHIN 4" OF THE FINISH FLOOR OR GROUND SURFACE.
- DRAINAGE:** EXPOSED EXTERIOR RAMPS SHALL BE CONSTRUCTED TO PREVENT ACCUMULATION OF WATER.

GENERAL NOTES

- FOR EXISTING FACILITIES, EACH ALTERED ELEMENT SHALL COMPLY WITH CHAPTER 2 OF THE 2010 ADA. IF COMPLIANCE IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL COMPLY WITH THE REQUIREMENTS TO THE MAXIMUM EXTENT FEASIBLE.
- PER SECTION 202.3 OF THE 2010 ADA, UNLESS ALTERATION AFFECTS A PRIMARY FUNCTION AREA, WHERE ELEMENTS OR SPACES ARE ALTERED AND THE CIRCULATION PATH TO THE ALTERED ELEMENT OR SPACE IS NOT ALTERED, AN ACCESSIBLE ROUTE IS NOT REQUIRED.

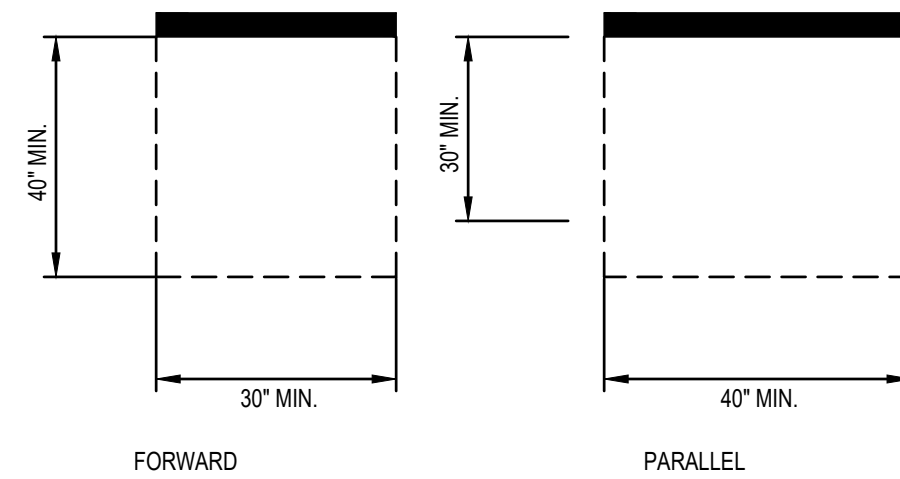
A1 TYPICAL ADA RAMP DESIGN GUIDELINES

SCALE: 1/2"=1'-0"



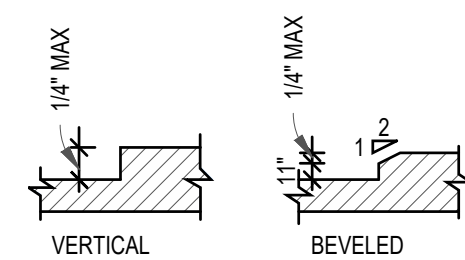
C4 TURNING SPACE

SCALE: 1/2"=1'-0"



B5 CLEAR GROUND SPACE

SCALE: 1/2"=1'-0"



A5 CHANGE LEVEL

SCALE: 1/2"=1'-0"



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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
B	60% DESIGN DEVELOPMENT	09.23.2022
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

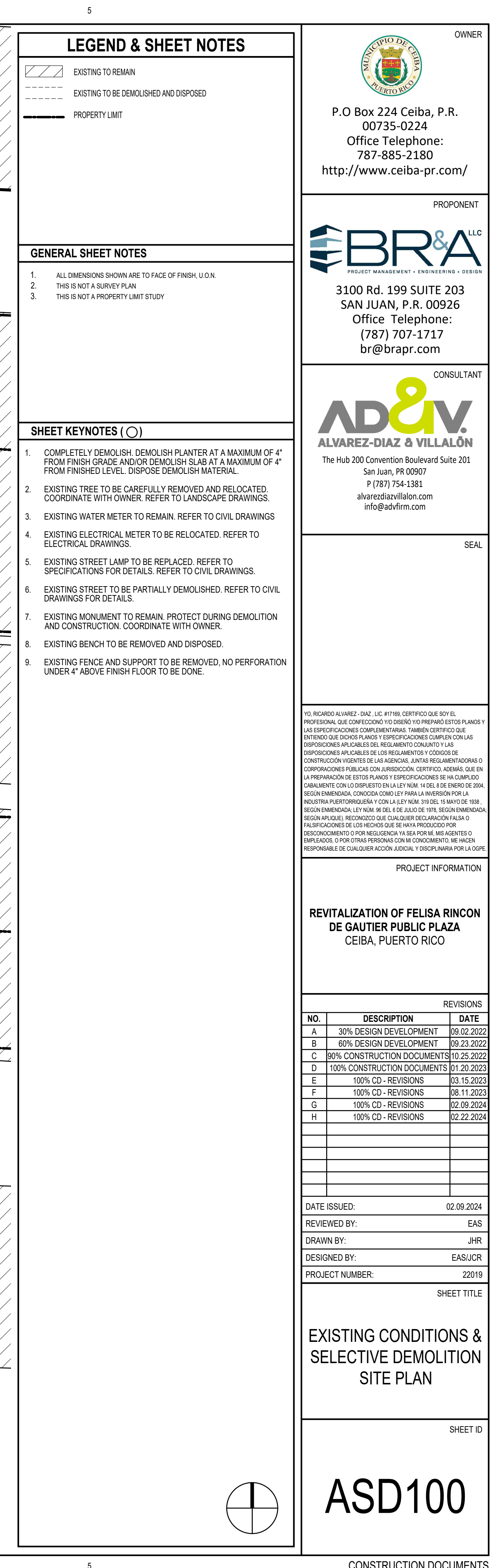
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ADA STANDARDS FOR
ACCESIBILITY

SHEET ID

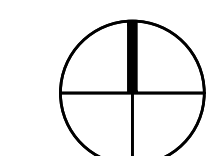
G004

CONSTRUCTION DOCUMENTS





SCALE: 1/16"=1'-0"



CONSTRUCTION DOCUMENT

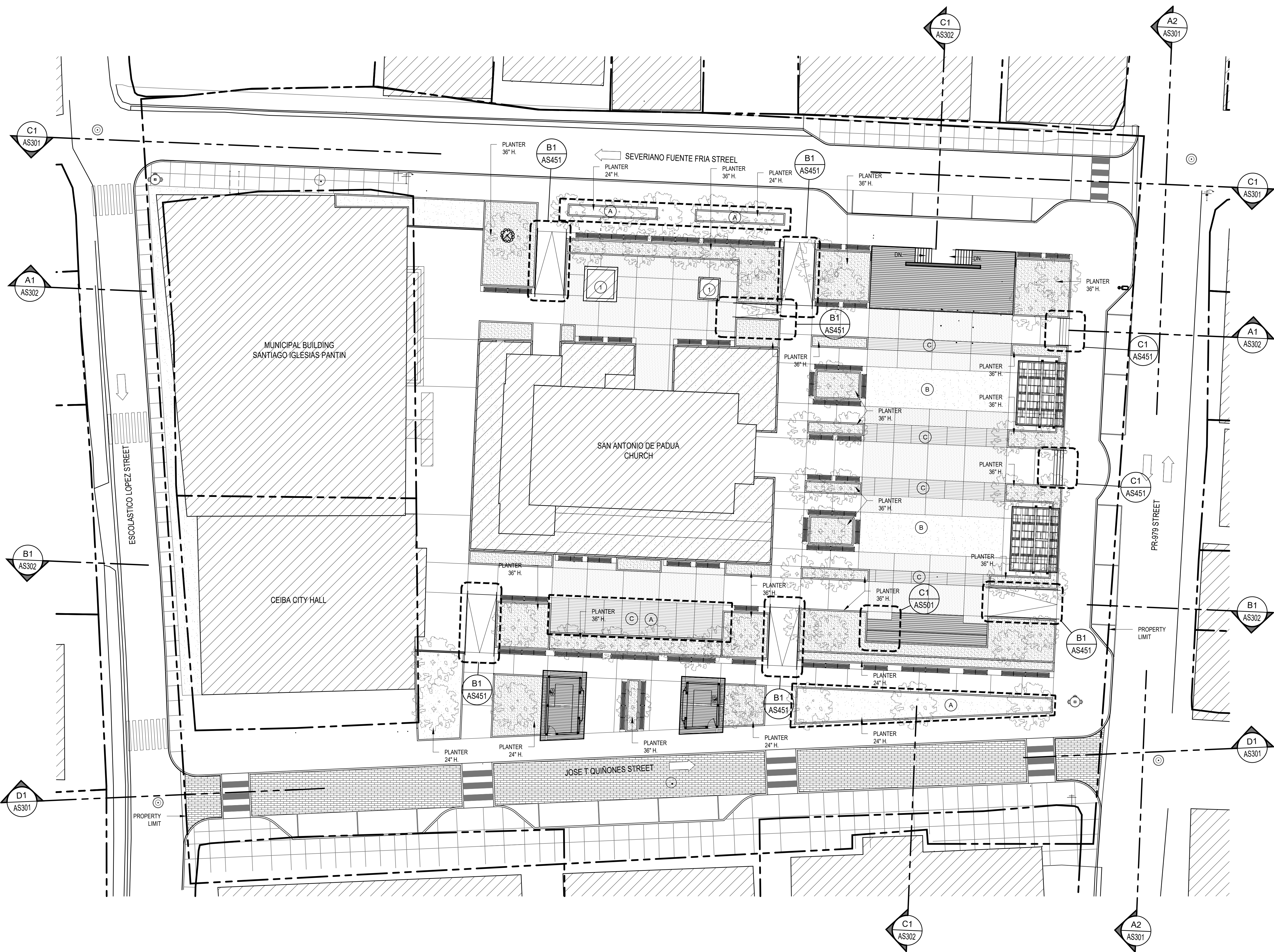
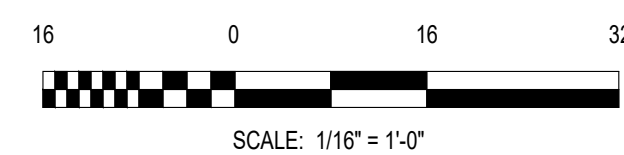
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A1

OVERALL ARCHITECTURAL SITE PLAN - TOP VIEW (ROOF PLAN)

SCALE: 1/16"=1'-0"



LEGEND & SHEET NOTES

- GRASS
- VEGETATION

GENERAL SHEET NOTES

- ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.
- THIS IS NOT A SURVEY PLAN
- THIS IS NOT A PROPERTY LIMIT STUDY
- CG TO VERIFY ALL EXISTING CONDITION DIMENSION IN FIELD
- REFER TO SHEET AS102 FOR HARDSCAPE AND FLOOR FINISHES
- REFER TO SHEET AS103 FOR SITE FURNISHINGS
- REFER TO SHEET AS104 FOR SITE LIGHTING
- REFER TO SHEET AS105 FOR SITE ART INSTALLATIONS
- REFER TO SHEET AS106 FOR TRELLIS, PORTALS AND ELEVATED PLATFORM
- REFER GRADING PLAN TO SHEET C300
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO COMMENCING WORK.

SHEET KEYNOTES ()

- PROPOSED OUTDOOR ART INSTALLATION BY OTHERS
- GRASS
- GRASS PAVERS



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REVIEWED BY: EAS

DRAWN BY: JHR

DESIGNED BY: EAS/UCR

PROJECT NUMBER: 22019

SHEET TITLE

OVERALL
ARCHITECTURAL SITE
PLAN - TOP VIEW
(ROOF PLAN)

SHEET ID

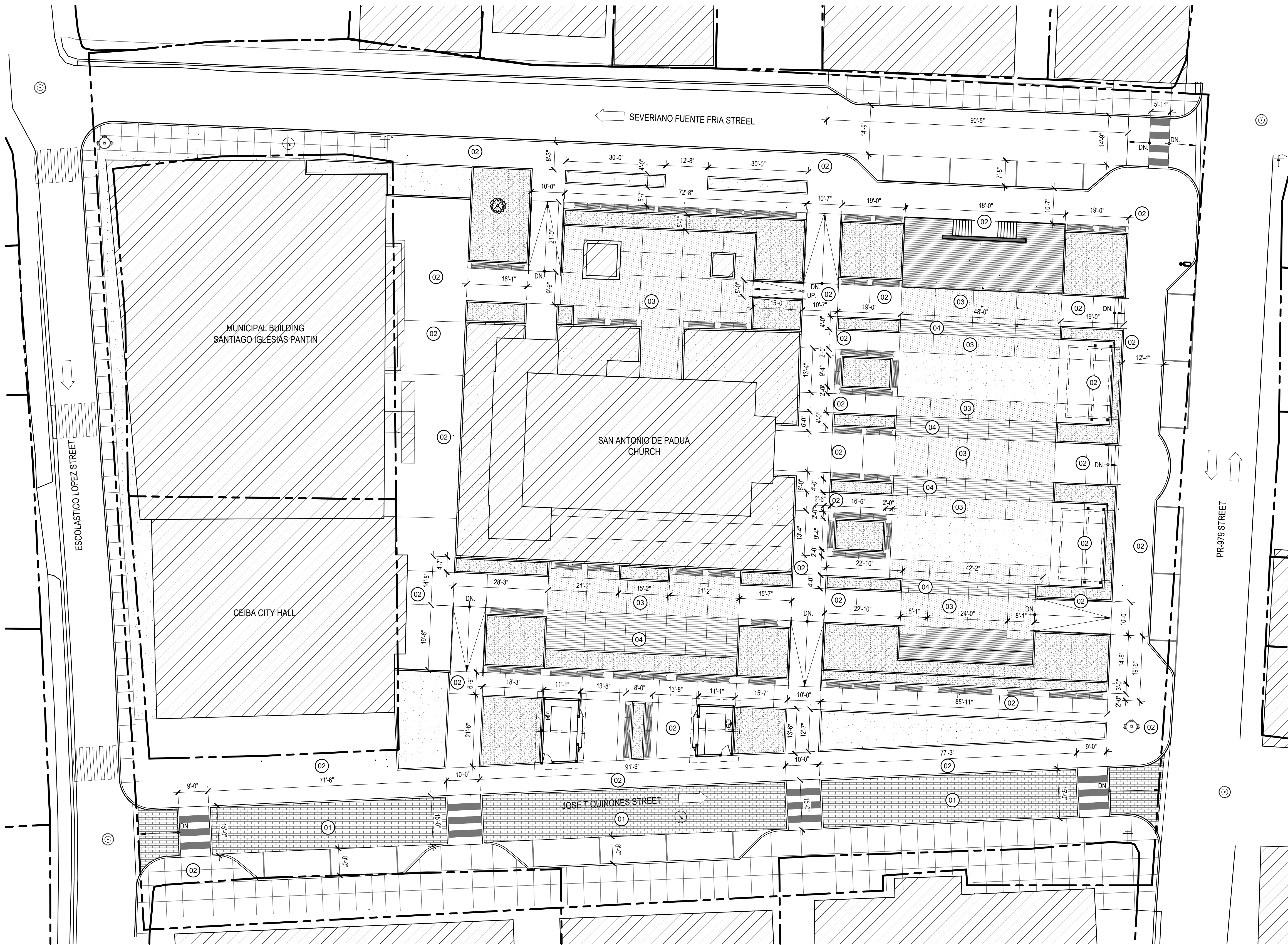
AS101

CONSTRUCTION DOCUMENTS

A1

OVERALL ARCHITECTURAL SITE PLAN - HARDSCAPE FLOOR FINISHES

SCALE: 1/16"=1'-0"



EXTERIOR ELEMENTS - FLOORS					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		PAVING TEXTURE DIMENSIONS: 2'-0" x 4'-0"			MATERIAL: STAMPED CONCRETE COLOR: DARK GREY EQUAL OR SIMILAR
02		BROOM FINISH PAVING TEXTURE			MATERIAL: CONCRETE COLOR: LIGHT GREY GRANITE EQUAL OR SIMILAR
03		BROOM FINISH PAVING TEXTURE			MATERIAL: CONCRETE COLOR: DARK GREY EQUAL OR SIMILAR
04		PAVING TEXTURE 6" X 6'-0"			MATERIAL: STAMPED CONCRETE COLOR: LIGHT GRAY EQUAL OR SIMILAR

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DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

SHEET TITLE

OVERALL
ARCHITECTURAL SITE
PLAN - HARDSCAPE
FLOOR FINISHES

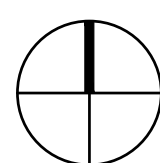
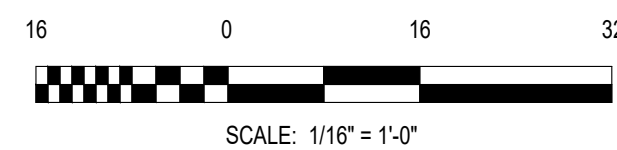
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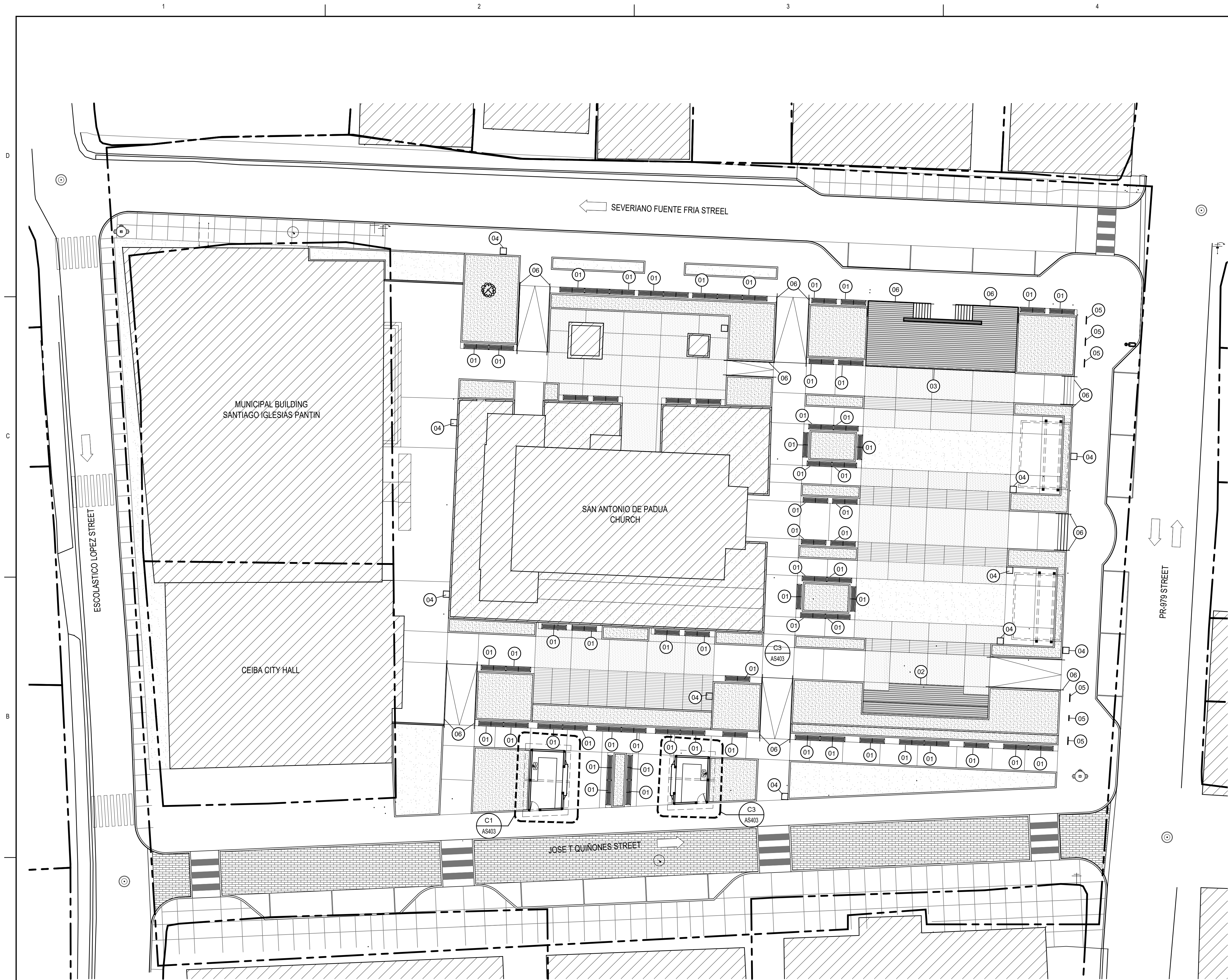
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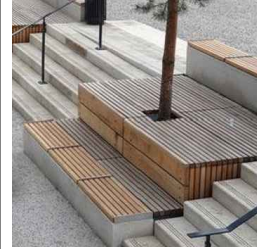
OVERALL ARCHITECTURAL SITE PLAN - SITE FURNISHINGS

SCALE: 1/16"=1'-0"



AS103



EXTERIOR ELEMENTS - FURNISHING					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL / COLOR	MATERIAL
01		CONTINUOUS BACKLESS BENCH	CITY PARK EQUIPMENT	DUMOR MODEL: W623-63PL COLOR: "REDWOOD" RECYCLED PLASTIC TEXTURED CHARCOAL	RECYCLED PLASTIC BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
02		CUSTOM PLATFORM BENCH	N/A	N/A	RECYCLED PLASTIC MATERIAL EQUAL OR SIMILAR TO MODEL W623-63PL METAL BAKED-ON POLYESTER POWDER FINISH COLOR: TEXTURE CHARCOAL EQUAL OR SIMILAR TO MODEL W623-63PL
03		CUSTOM ELEVATED PLATFORM	N/A	N/A	RECYCLED PLASTIC MATERIAL EQUAL OR SIMILAR TO MODEL W623-63PL METAL BAKED-ON POLYESTER POWDER FINISH COLOR: TEXTURE CHARCOAL EQUAL OR SIMILAR TO MODEL W623-63PL
04		TRASH BINS	CITY PARK EQUIPMENT	DUMOR MODEL: 802-32PL-BT COLOR: "REDWOOD" RECYCLED PLASTIC TEXTURED CHARCOAL	INSTALLATION AND ANCHOR AS PER MANUFACTURER SPECS RECYCLED PLASTIC BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
05		LOOP BIKE RACKS	CITY PARK EQUIPMENT	DUMOR MODEL: 83 SERIES COLOR: TEXTURED CHARCOAL	INSTALLATION AND ANCHOR AS PER MANUFACTURER SPECS BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
06		STAINLESS STEEL HANDRAIL	PIN METAL STAIRS	STAINLESS STEEL OUTDOOR HANDRAIL	REFER TO A461 FOR INSTALLATION STAINLESS STEEL BRUSHED EQUAL OR SIMILAR



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REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

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SHEET TITLE

ARCHITECTURAL
SITE PLAN - SITE
FURNISHINGS

SHEET ID

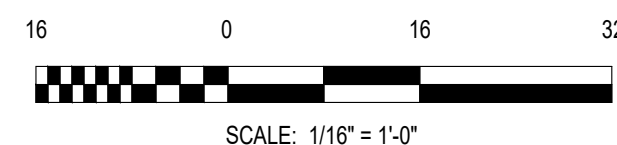
AS103

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\2019-AS104.dwg

A1

OVERALL ARCHITECTURAL SITE PLAN - LIGHTING

SCALE: 1/16"=1'-0"



EXTERIOR ELEMENTS - LIGHTING					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		PEDESTRIAN LIGHTING DIMENSIONS: H: 4.20M	BEGA	84 875	MONOCRYSTALLINE SOLAR MODULE EFFICIENCY: 22% LED- UP TO 80W LED EFFICIENCY: UP TO 200 LM / W POLE HEIGHT: 4.20MLED HEIGHT: 4.10M MATERIAL: MONOCRYSTALLINE COLOR: DARK GREY EQUAL OR SIMILAR
02		BOLLARDS PEDESTRIAN LIGHTING BOLLARDS	BEGA	84 666	BOLLARD LED OUTDOOR STELLA 7W EQ. 80W IP44 MATERIAL: CAST ALUMINUM COLOR: DARK GREY 7W EQUAL OR SIMILAR
03		URANUS OUTDOOR ADVERTISING BILLBOARD DIMENSIONS: H: 2.70M	URANUS	TO BE DETERMINED	SOLAR PERFORMANCE: 315 WP / MONOCRYSTALLINE SOLAR MODULE EFFICIENCY: 22% BATTERY: LIFEPA 96 AH 1152 W MATERIAL: CAST ALUMINUM COLOR: TOASTED SAND OR EQ. EQUAL OR SIMILAR
04		ELECTRIC CAR CHARGER ROUGH IN			*REFER TO ELECTRICAL PLANS
05		STEP LIGHTS RAMP AND STAIRCASE LIGHTING	BEGA	33 064	REFER TO CALLOUT FOR MORE DETAILS DIE-CAST ALUMINUM MARINE GRADE, COPPER FREE (90.3% COPPER CONTENT) A360.0 ALUMINUM ALLOY CLEAR SAFETY GLASS EQUAL OR SIMILAR
06		COVE LIGHTS	TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL
CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS
AND LIGHTING FIXTURE.

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SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024

REVIEWED BY: EAS

DRAWN BY: JHR

DESIGNED BY: EAS/UCR

PROJECT NUMBER: 22019

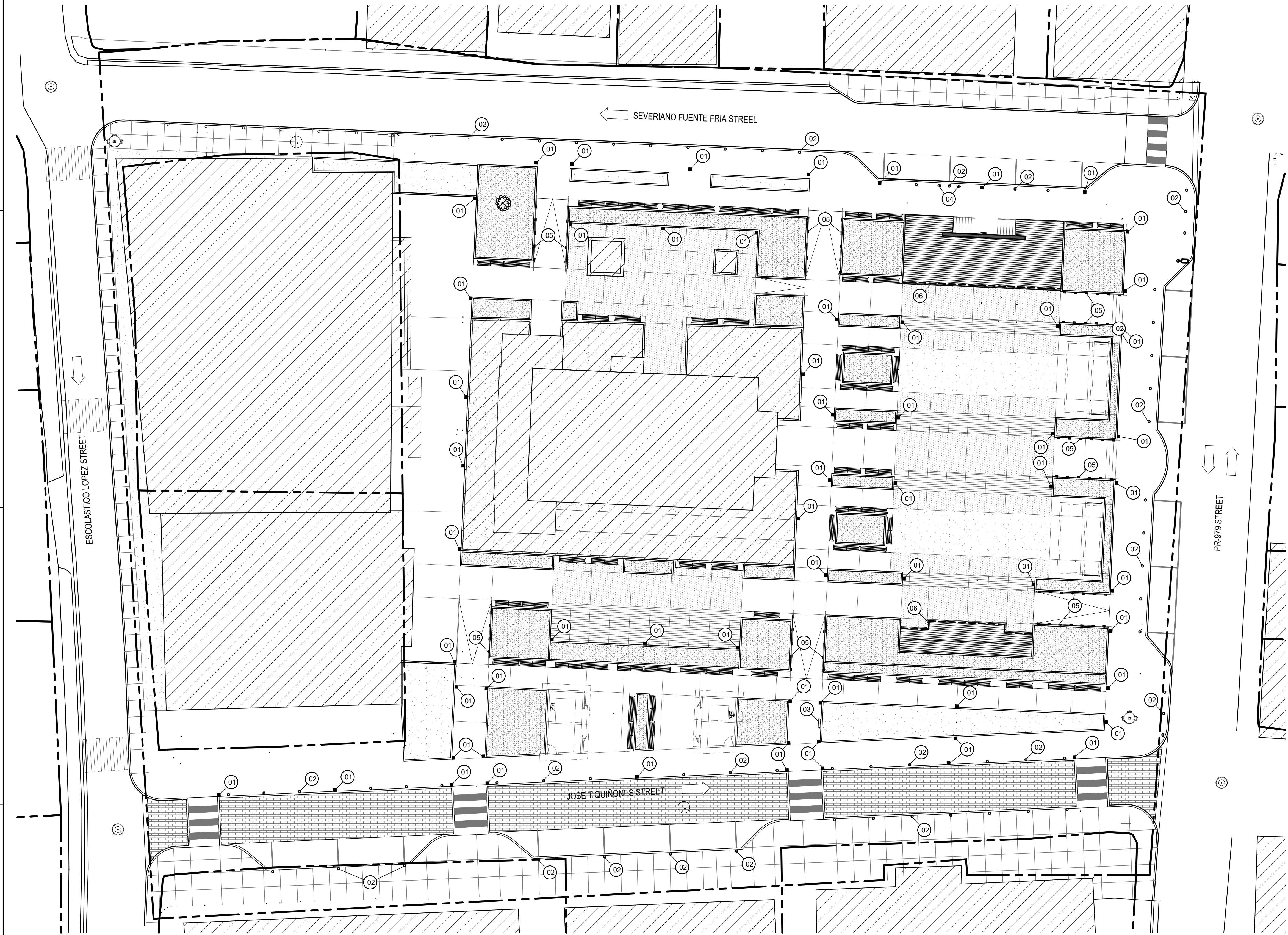
SHEET TITLE

ARCHITECTURAL SITE
PLAN - LIGHTING

SHEET ID

AS104

CONSTRUCTION DOCUMENTS

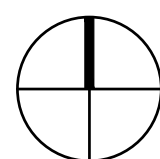
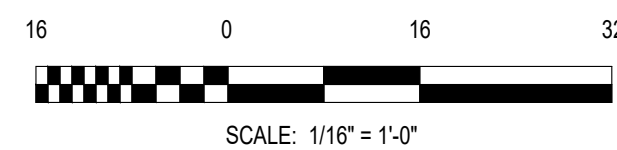


7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS106.dwg

A1

ARCHITECTURAL SITE PLAN - TRELLISES, PORTALS, ELEVATED PLATFORM

SCALE: 1/16"=1'-0"



AS106

CONSTRUCTION DOCUMENTS

EXTERIOR ELEMENTS - TRELLIS					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		CUSTOM KIOSK TRELLIS PORTAL FRAME	N/A	N/A	MATERIAL: COMPOSITE WOOD ROOF METAL COLOR: COMPOSITE WOOD WITH TINT EQUAL OR SIMILAR TO DUMOR RECYCLED PLASTIC "REDWOOD" METAL: TEXTURED CHARCOAL EQUAL OR SIMILAR
02		CUSTOM OPEN AIR ROOF SYSTEM	N/A	N/A	MATERIAL: COMPOSITE WOOD ROOF METAL COLOR: COMPOSITE WOOD WITH TINT EQUAL OR SIMILAR TO DUMOR RECYCLED PLASTIC "REDWOOD" METAL: TEXTURED CHARCOAL EQUAL OR SIMILAR

OWNER

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SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

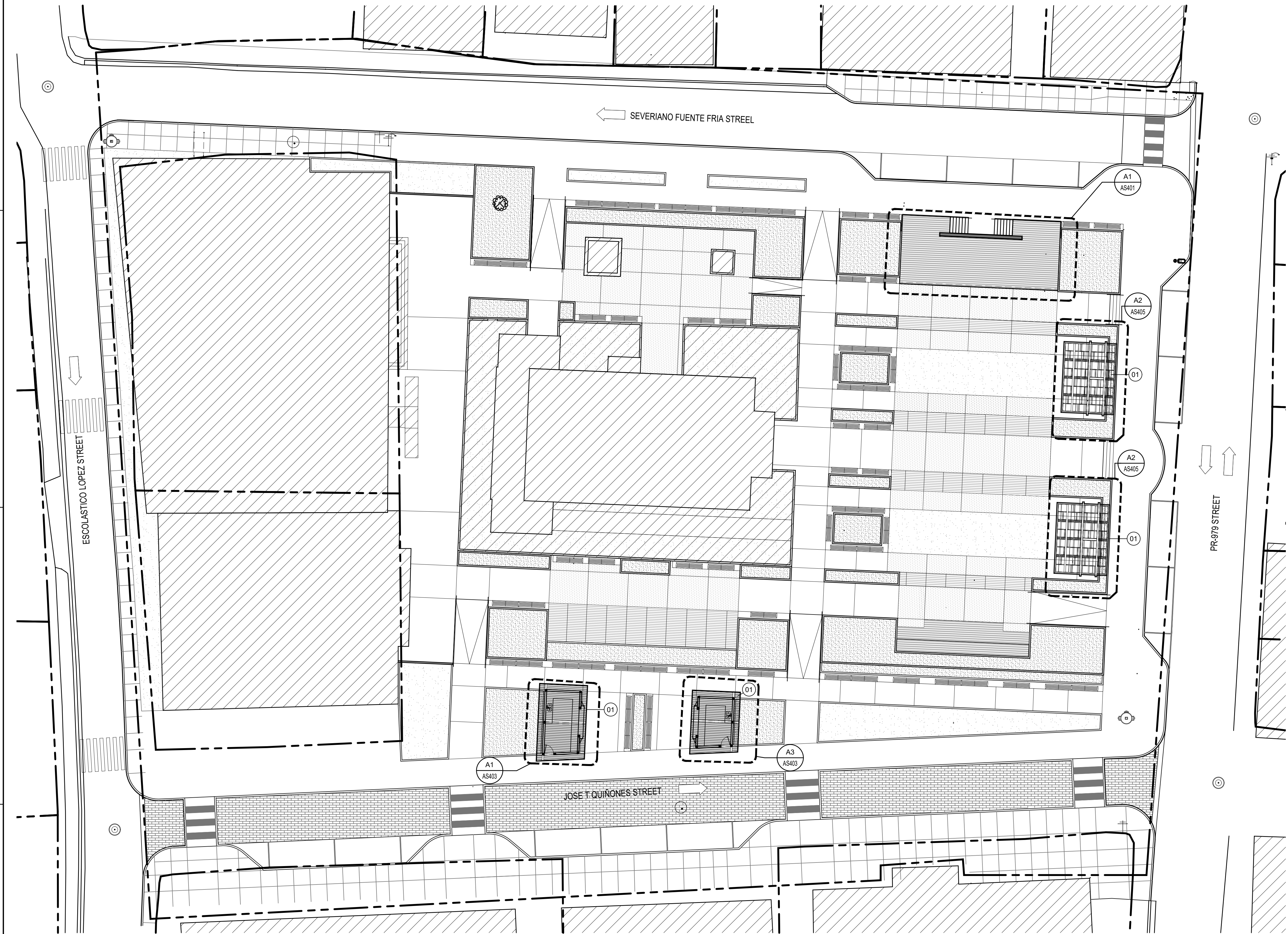
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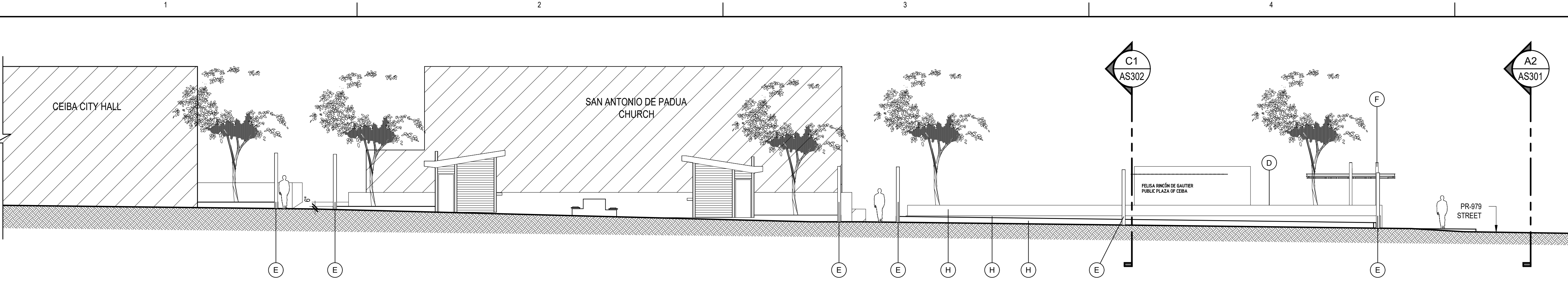
DATE ISSUED: 02.09.2024
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DESIGNED BY: EAS/JCR
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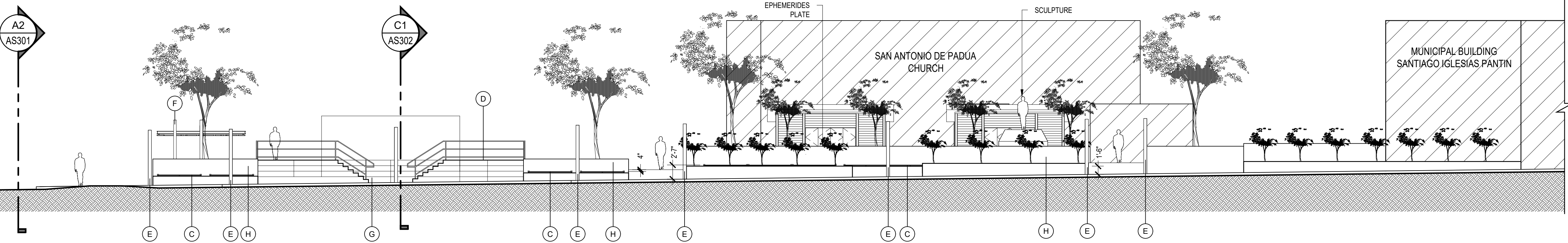
ARCHITECTURAL
SITE PLAN -
TRELLISES,
PORTALS, ELEVATED
PLATFORM

SHEET ID

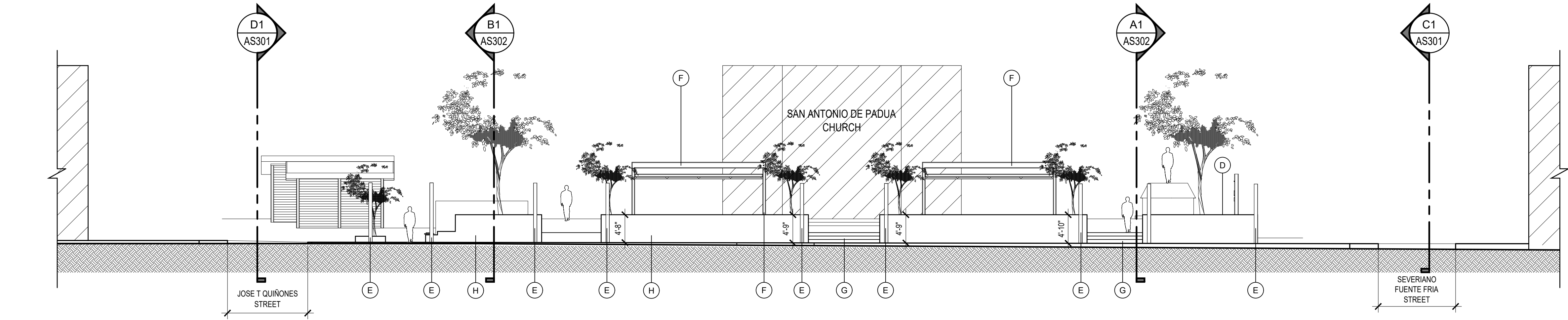




D1 OVERALL SITE ELEVATION - LONGITUDINAL
SCALE: 3/32"=1'-0"



C1 OVERALL SITE ELEVATION - LONGITUDINAL
SCALE: 3/32"=1'-0"



A2 OVERALL SITE ELEVATION - TRANSVERSAL
SCALE: 3/32"=1'-0"

LEGEND & SHEET NOTES

GENERAL SHEET NOTES

1. ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.

SHEET KEYNOTES (○)

- C. SITE FURNISHINGS
D. ELEVATED PLATFORM
E. PEDESTRIAN LIGHT
F. TRELLIS
G. STEPS
H. RAISED PLANTERS
I. NEW FLOOR FINISHED
J. GREEN AREA

OWNER

MUNICIPIO DE CEIBA
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PROPOSANT

BR&A LLC
PROJECT MANAGEMENT • ENGINEERING • DESIGN

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SEAL

YO, RICARDO ALVAREZ, DIAZ, LIC. #17186, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTiendo QUE DICHS PLANOS Y ESPECIFICACIONES CUMPLAN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y Códigos DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTA REGULATORIA DE CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICADO, ADEMÁS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CASALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 30 DEL 15 MAYO DE 1988, SEGÚN ENMIENDADA, LEY NÚM. 96 DEL 6 DE JULIO DE 1976, SEGÚN ENMIENDADA, SEGÚN APLIQUE, RECONOCIENDO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS REGISTROS QUE SE HAYA PRODUCIDO POR DESCUIDADO 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 COPE.

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCÓN
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
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H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

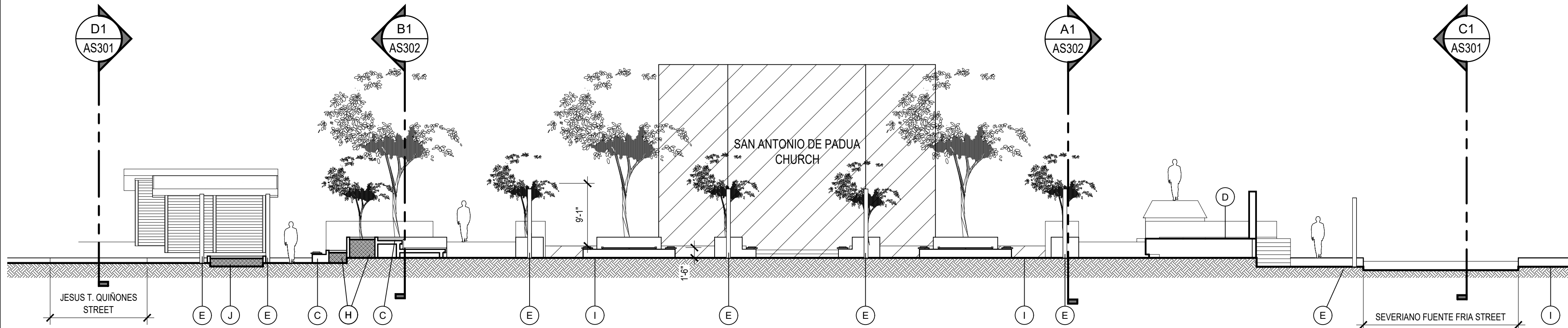
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OVERALL SITE
ELEVATIONS

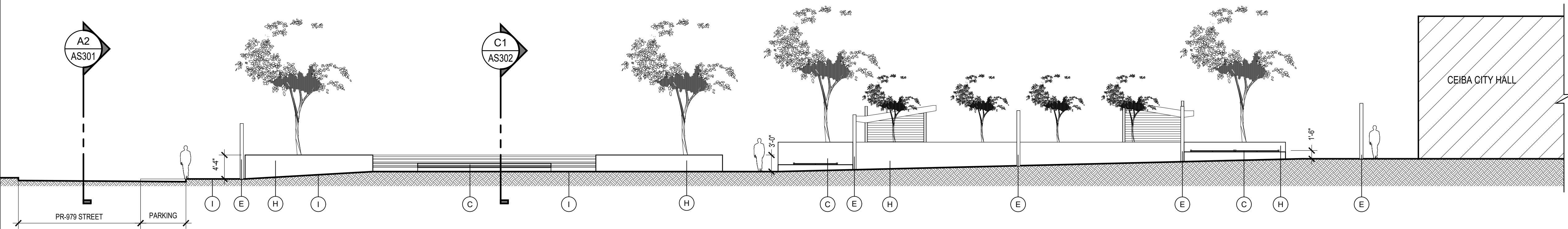
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AS301

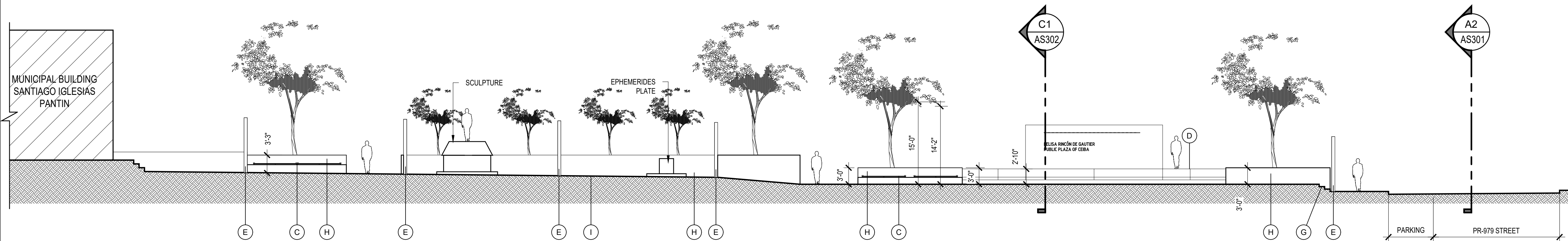
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C1 OVERALL SITE SECTION - TRANSVERSAL
SCALE: 3/32"=1'-0"



B1 OVERALL SITE SECTION - LONGITUDINAL
SCALE: 3/32"=1'-0"



A1 OVERALL SITE SECTION - LONGITUDINAL
SCALE: 3/32"=1'-0"

LEGEND & SHEET NOTES

GENERAL SHEET NOTES

1. ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.

SHEET KEYNOTES ()

- C. SITE FURNISHINGS
- D. ELEVATED PLATFORM
- E. PEDESTRIAN LIGHT
- F. TRELLIS
- G. STEPS
- H. RAISED PLANTERS
- I. NEW FLOOR FINISHED
- J. GREEN AREA



OWNER

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PROPOSER



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SEAL

YO, RICHARDO ALVAREZ, DIAZ, LIC. #17186, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTENDIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLIRAN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CARGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTA REGULATORIA O CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CASUALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DEL 8 DE ENERO DE 2004, SEGUN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NUM. 39 DEL 15 MAYO DE 1988, SEGUN ENMIENDADA, LEY NUM. 96 DEL 6 DE JULIO DE 1976, SEGUN ENMIENDADA, SEGUN APLIQUE, RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS REGISTROS 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 DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA COPE.

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
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F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

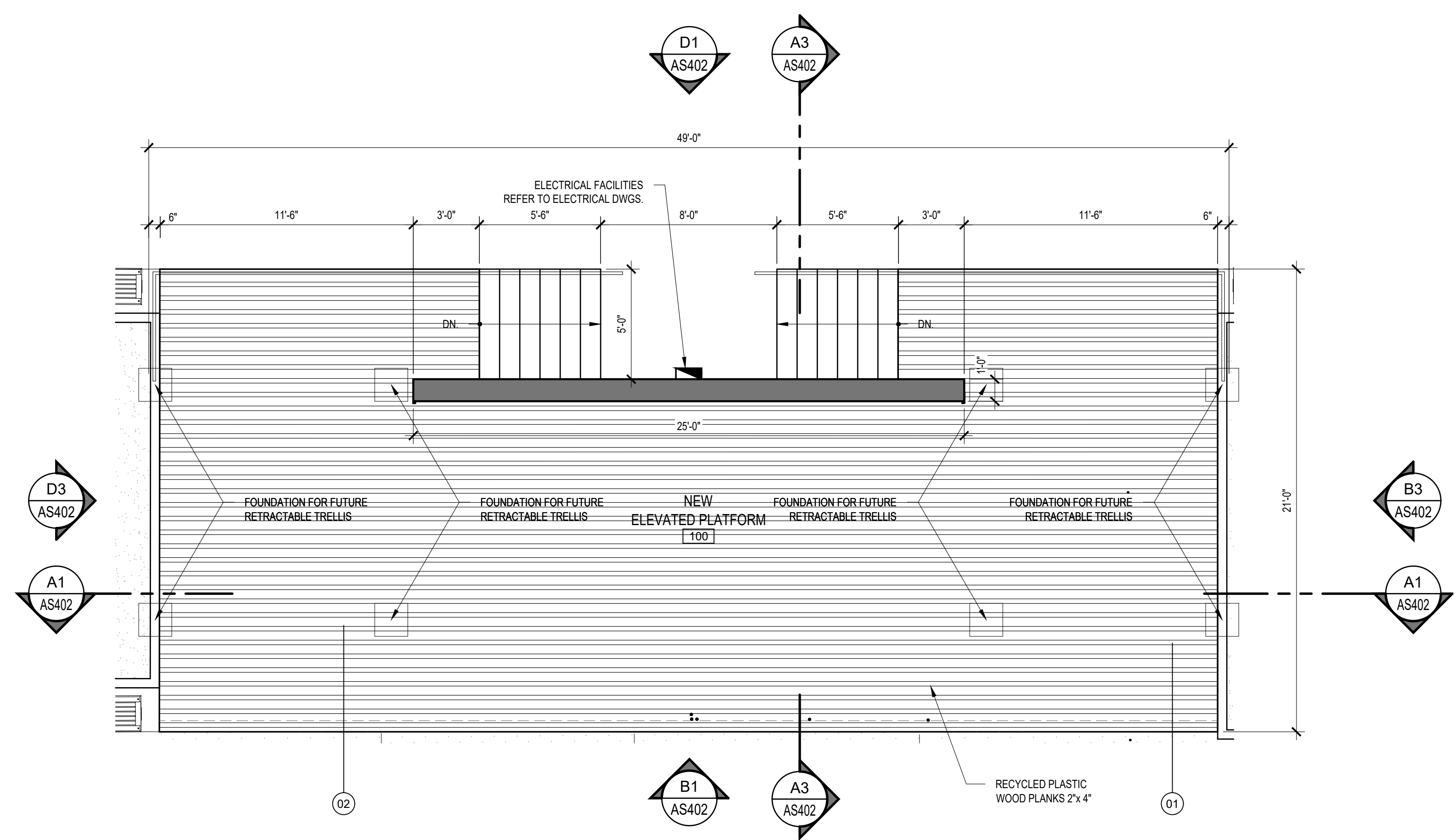
SHEET TITLE

OVERALL SITE
SECTIONS

SHEET ID

AS302

CONSTRUCTION DOCUMENTS



C1 ENLARGED FLOOR PLAN- ELEVATED PLATFORM
SCALE: 1/4"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL

NOTE :
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.



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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
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PROJECT NUMBER: 22019

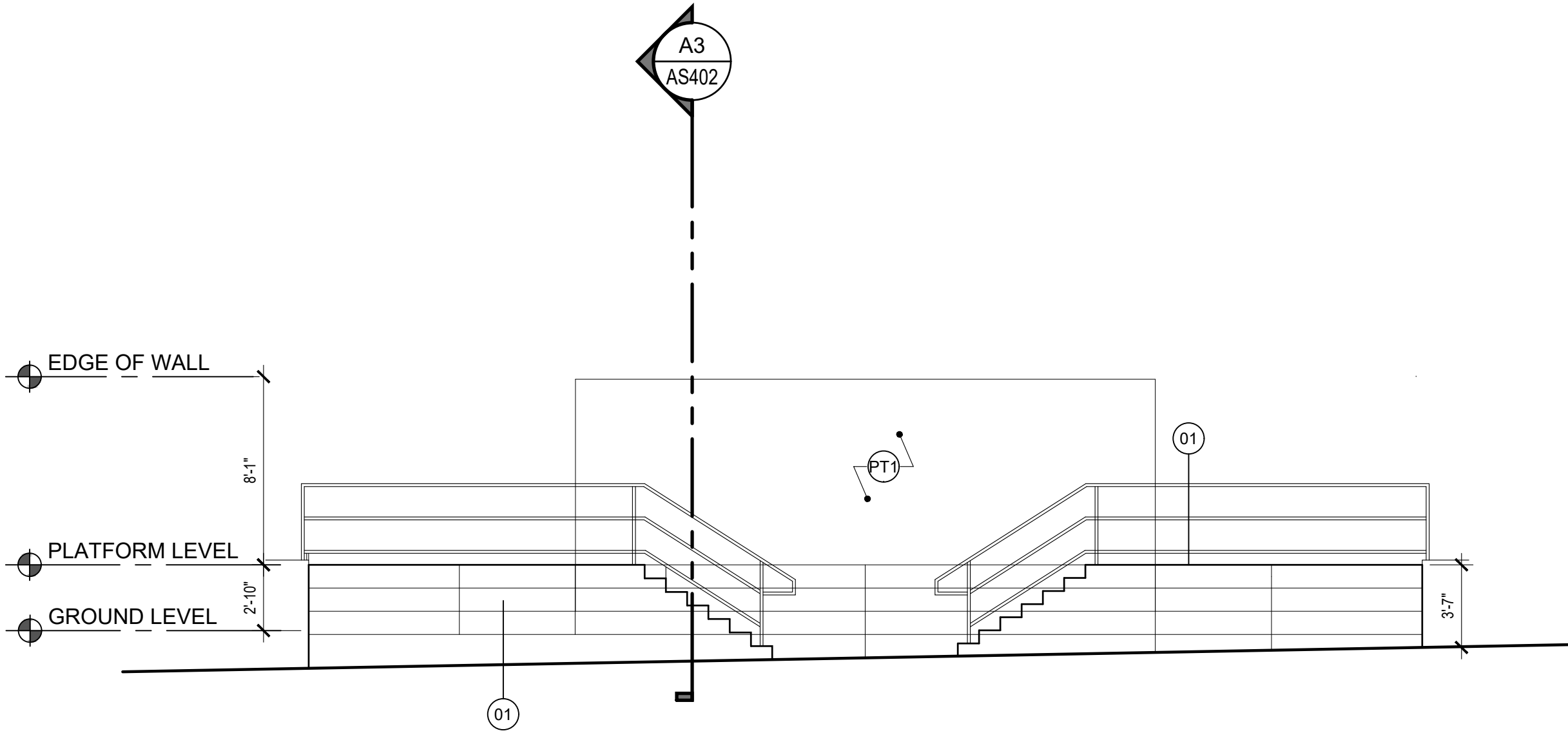
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**ENLARGED PLANS
ELEVATED PLATFORM**

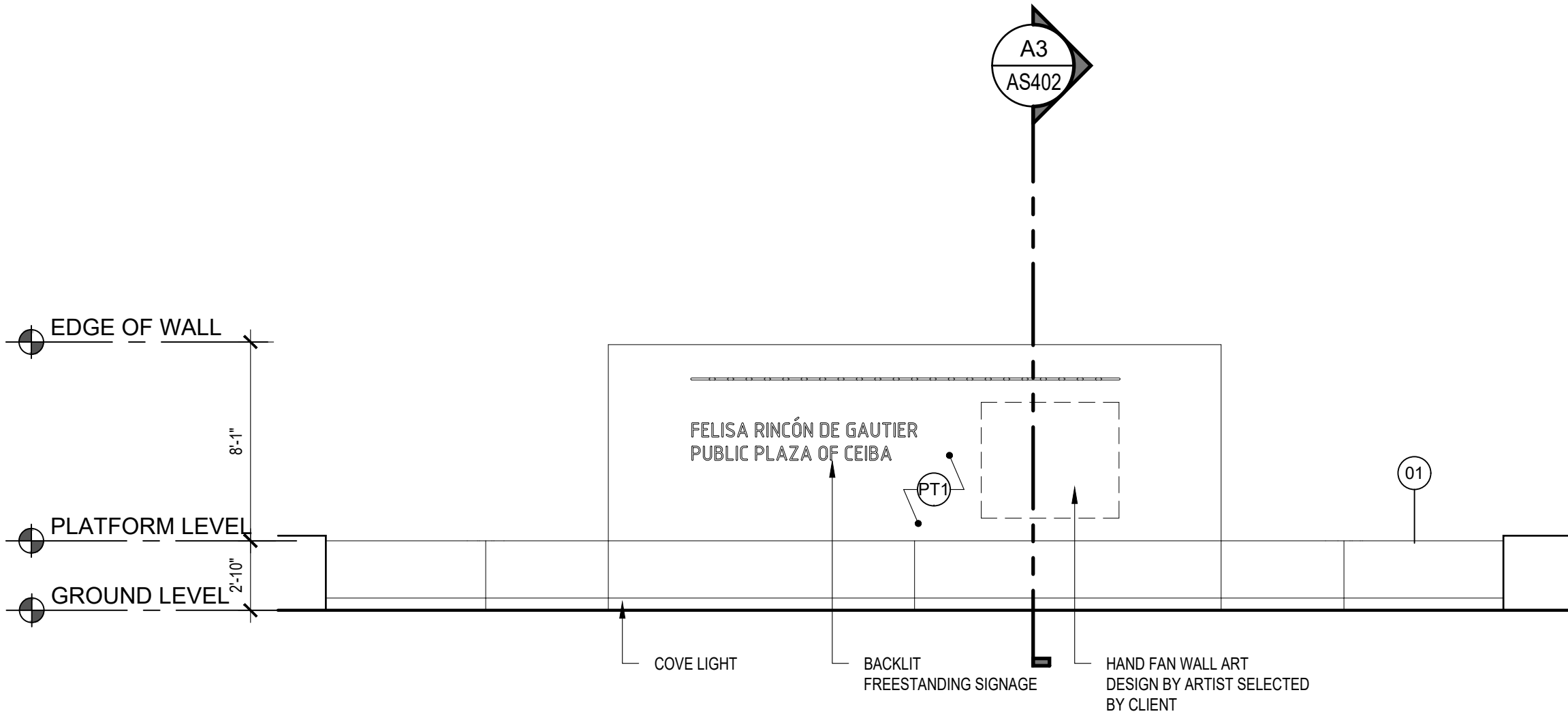
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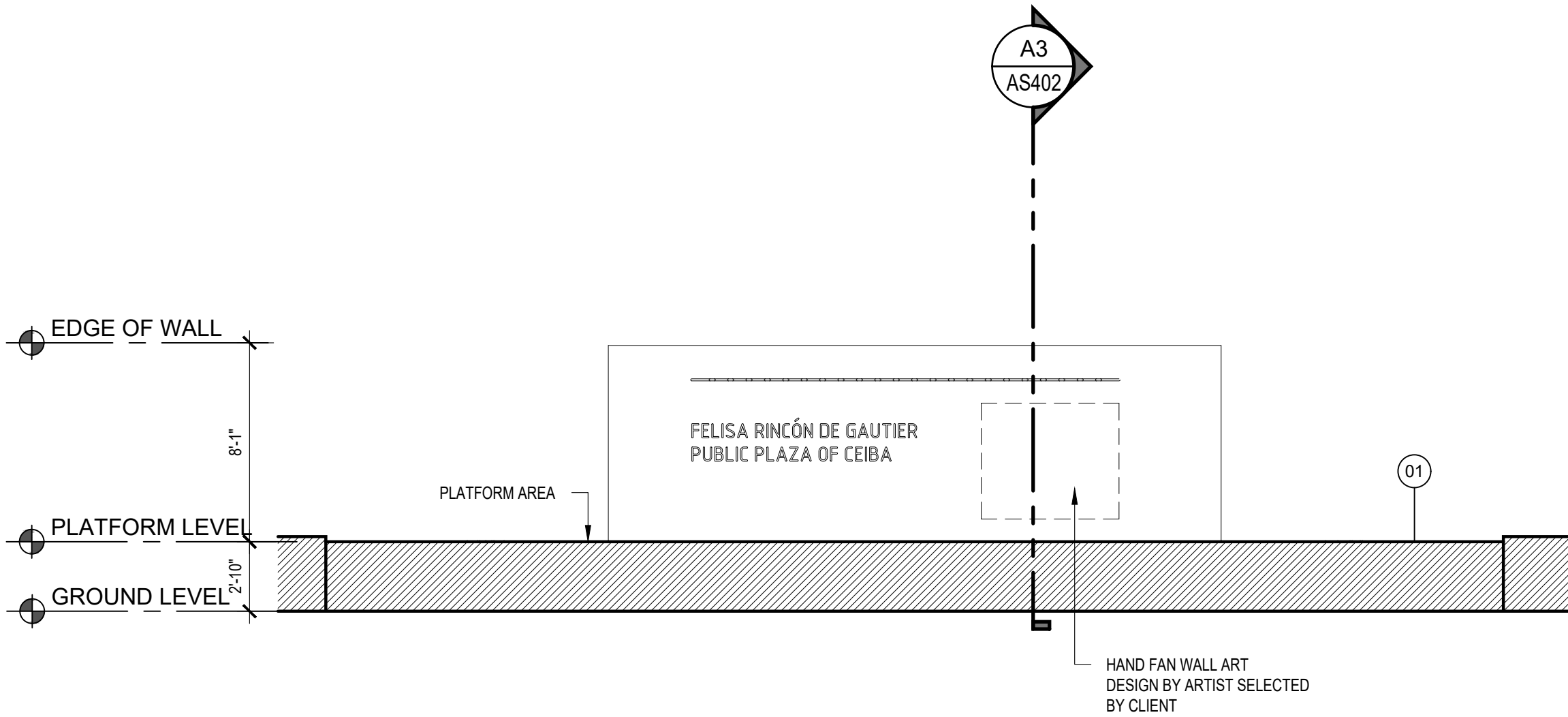
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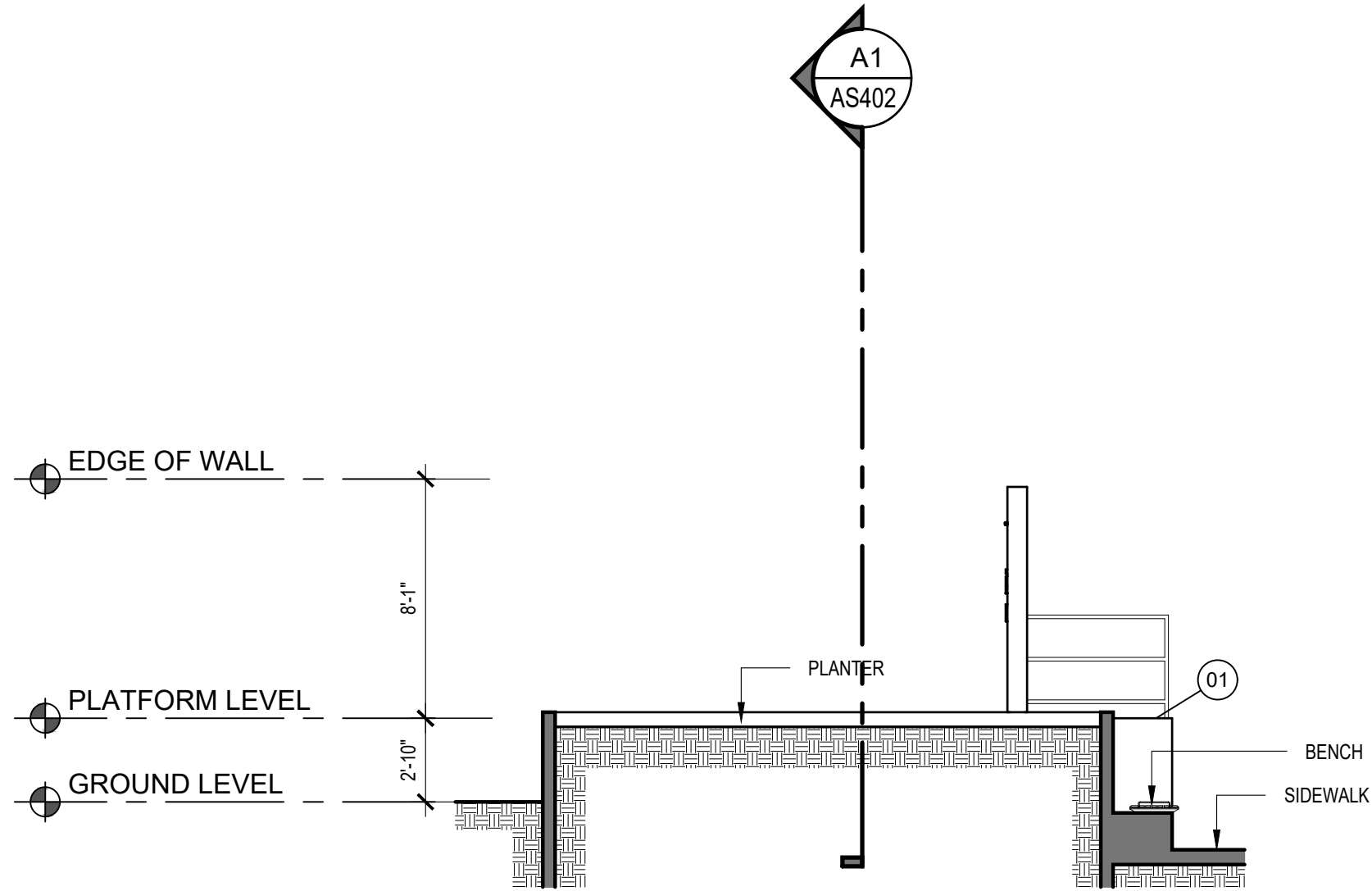
D1 ELEVATED PLATFORM - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



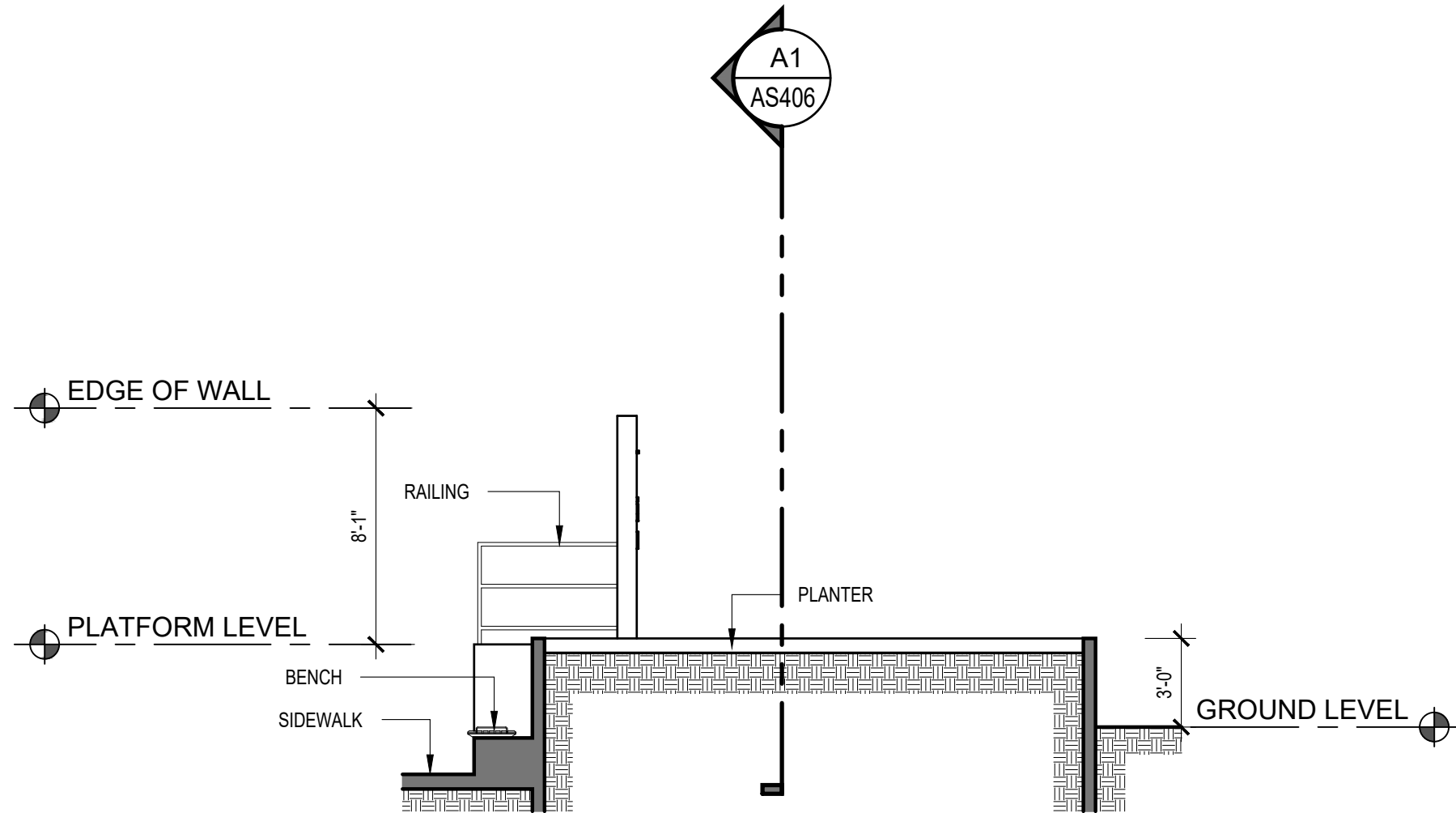
B1 ELEVATED PLATFORM - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



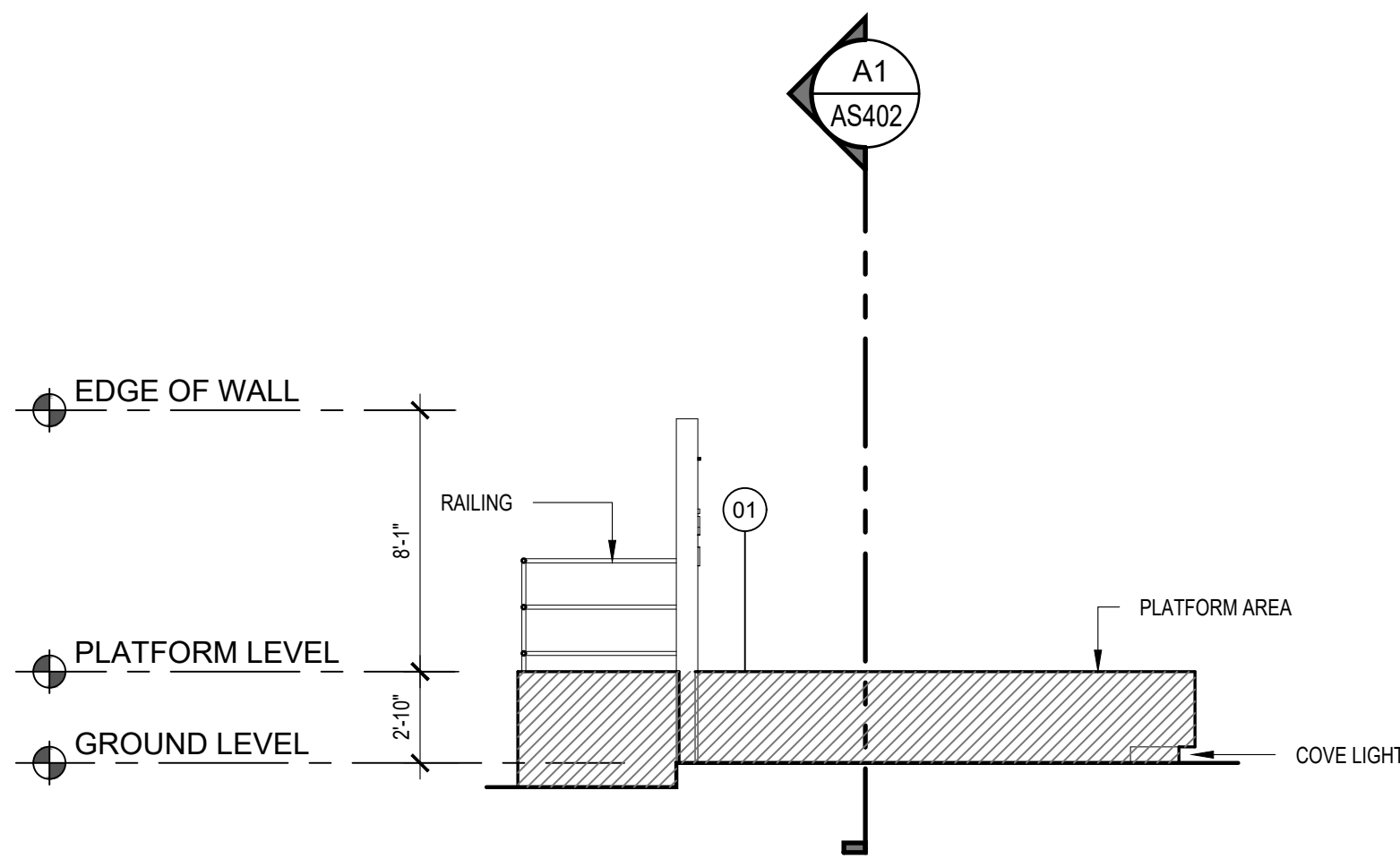
A1 ELEVATED PLATFORM - LONGITUDINAL SECTION
SCALE: 3/16"=1'-0"



D3 ELEVATED PLATFORM - ELEVATION
SCALE: 3/16"=1'-0"



B3 ELEVATED PLATFORM - ELEVATION
SCALE: 3/16"=1'-0"



A3 ELEVATED PLATFORM - TRANSVERSAL SECTION
SCALE: 3/16"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
PT1		PAINT	SHERWIN WILLIAMS	SW 9022 PEWTER TANKARD	EQUAL OR SIMILAR EXTERIOR EGGSHELL FINISH

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.



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YO, RICARDO ALVAREZ, DIAZ, L.C. WITHIN CERTIFIED THAT I AM THE PROFESSIONAL WHO CONFECCIONED OR DESIGNED OR PREPARED THESE PLANS AND THE SPECIFICATIONS COMPLEMENTARIES. I ALSO CERTIFY THAT I UNDERSTAND THAT THESE PLANS AND SPECIFICATIONS COMPLY WITH THE DISPOSITIONS APPLICABLE OF THE REGULATORY FRAMEWORK AND THE DISPOSITIONS APPLICABLE OF THE REGULATORY FRAMEWORK AND THE DISPOSITIONS APPLICABLE OF THE REGULATORY FRAMEWORK. I ALSO CERTIFY THAT I UNDERSTAND THAT THESE PLANS AND SPECIFICATIONS COMPLY WITH THE DISPOSITIONS APPLICABLE OF THE REGULATORY FRAMEWORK AND THE DISPOSITIONS APPLICABLE OF THE REGULATORY FRAMEWORK. I ALSO CERTIFY THAT I UNDERSTAND THAT THESE PLANS AND SPECIFICATIONS COMPLY WITH THE DISPOSITIONS APPLICABLE OF THE REGULATORY FRAMEWORK AND THE DISPOSITIONS APPLICABLE OF THE REGULATORY FRAMEWORK.

PROJECT INFORMATION
**REVITALIZATION OF FELISA RINCÓN DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO**

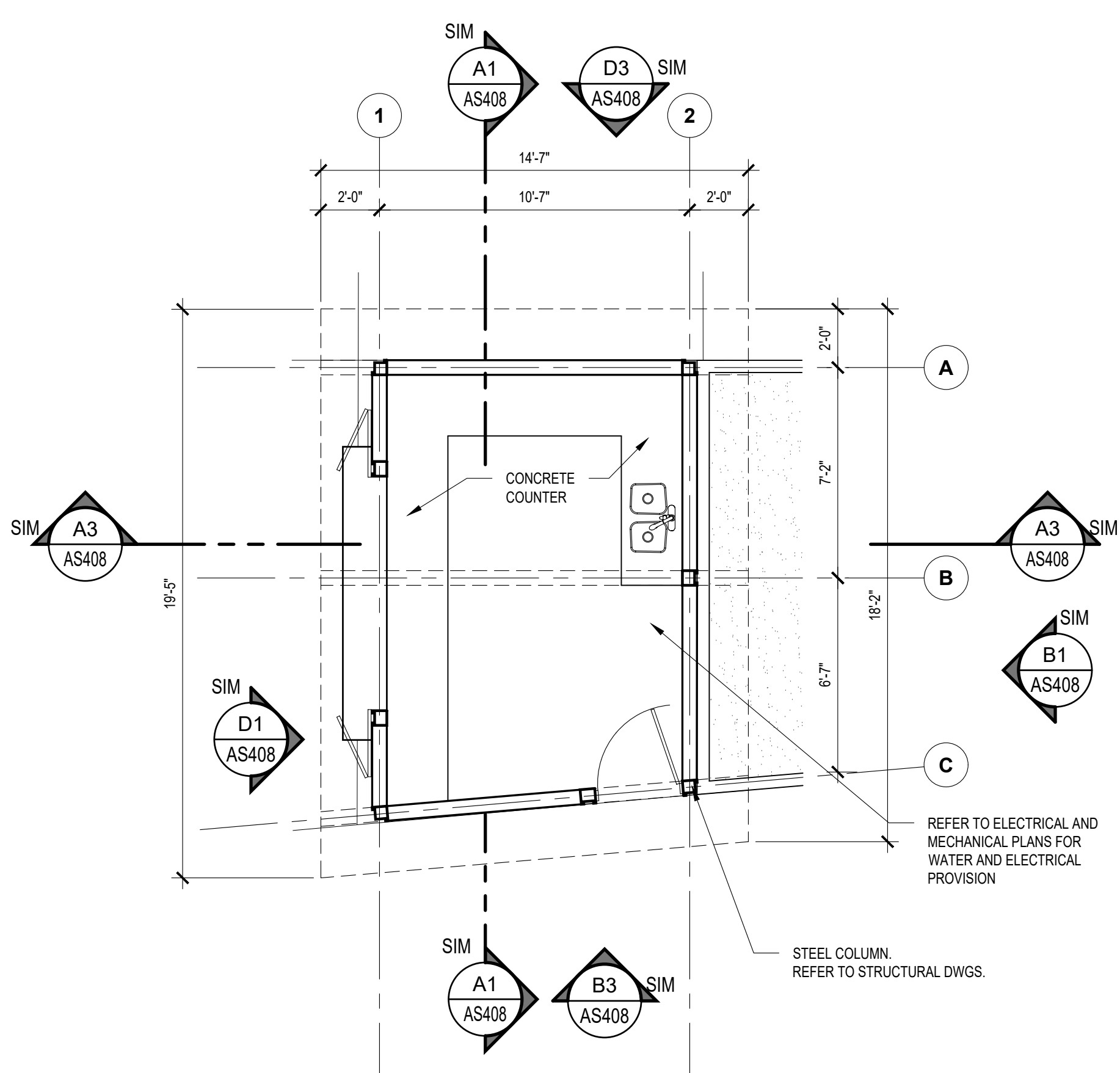
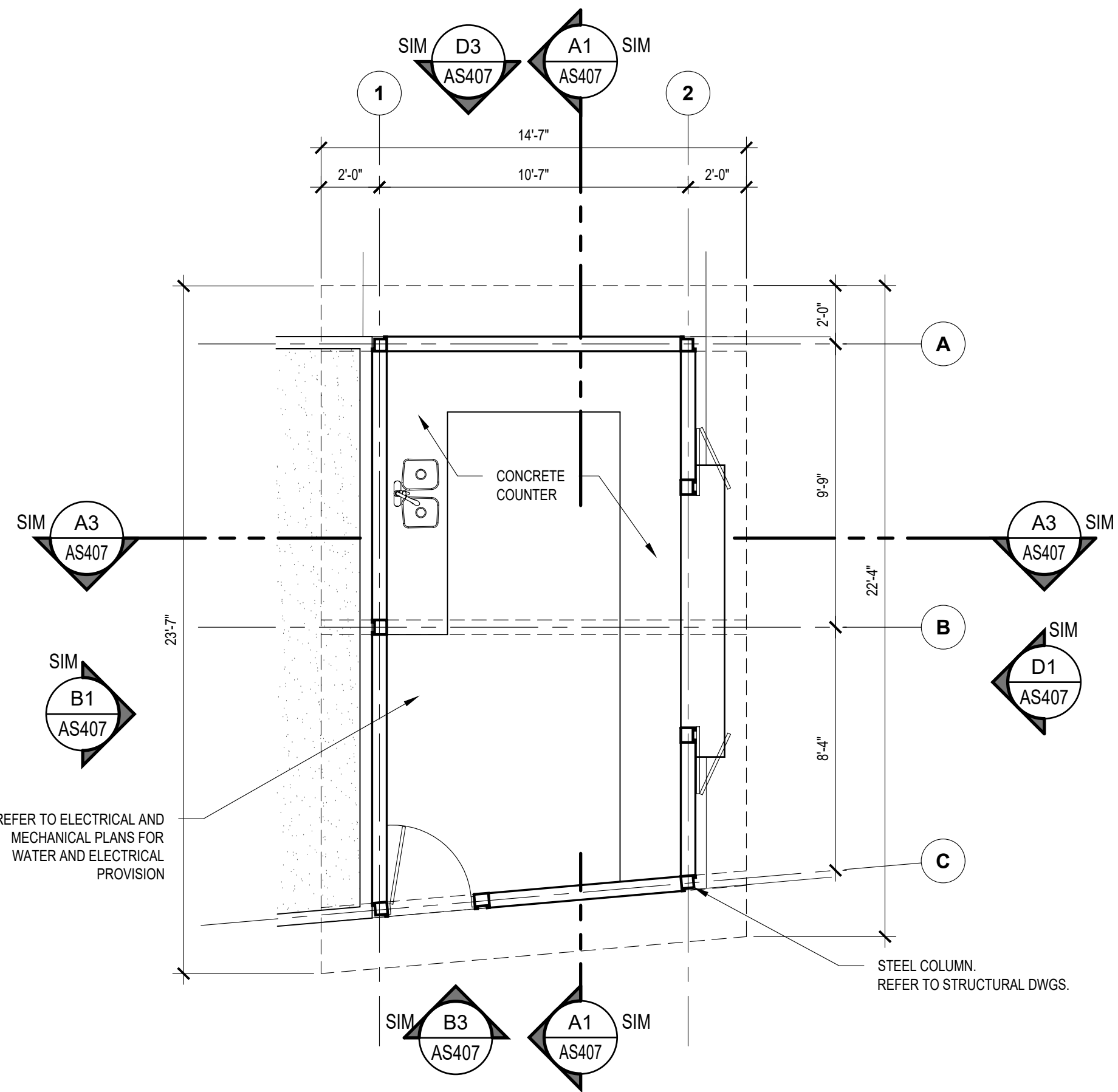
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SHEET TITLE
**ENLARGED SECTIONS &
ELEVATIONS ELEVATED
PLATFORM**

SHEET ID
AS402

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\ID22019-AS403.dwg



EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
07		LINEAR CEILING LIGHTS	BEGA	24313	LED CEILING MOUNTED DOWNLIGHT - VORTEX REFLECTOR - WIDE BEAM DISTRIBUTION MATERIAL: DIE - CAST MARINE GRADE ALUMINUM COLOR: BLACK EQUAL OR SIMILAR

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.

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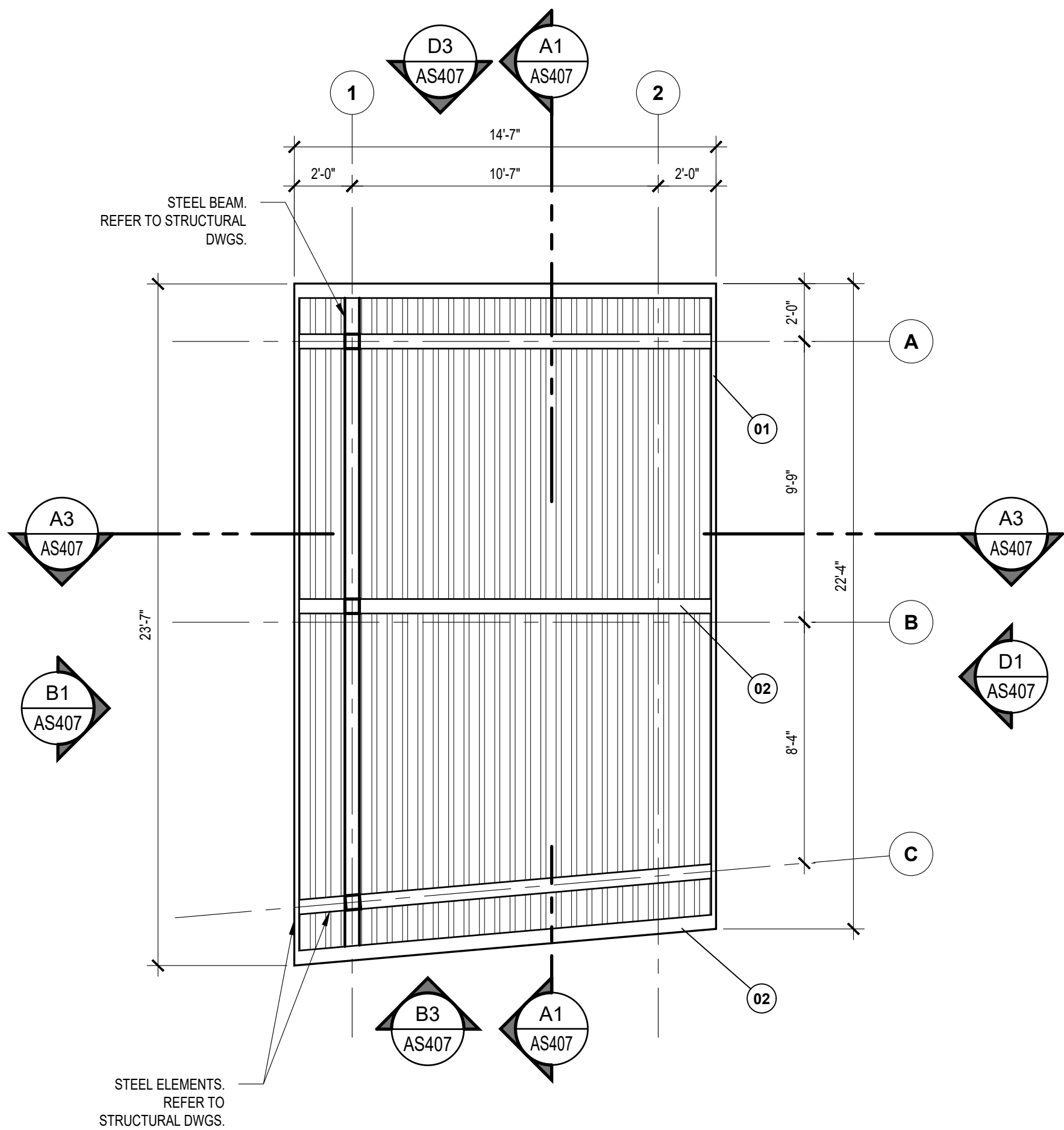
PROPOSANT

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CONSULTANT

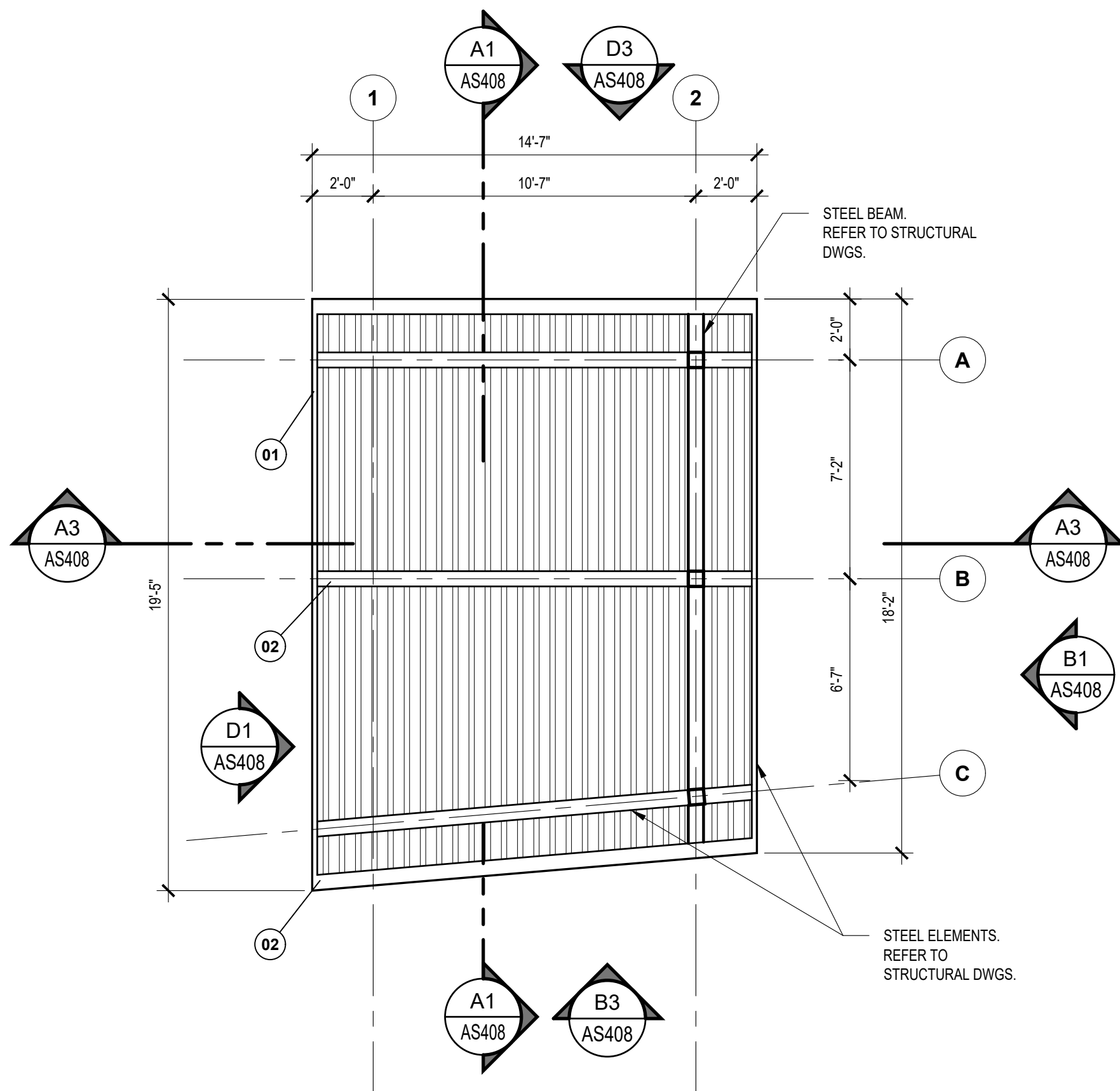
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C1 ENLARGED FLOOR PLAN - KIOSKO
SCALE: 1/4"=1'-0"



A1 ENLARGED ROOF PLAN - KIOSKO
SCALE: 1/4"=1'-0"

C3 ENLARGED FLOOR PLAN - KIOSKO
SCALE: 1/4"=1'-0"



A3 ENLARGED ROOF PLAN - KIOSKO
SCALE: 1/4"=1'-0"

YO, RICHARDO ALVAREZ, DAZ, L.C. #17186, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTENDIENDO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLIRAN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CARGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTA REGULATORIA O CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICO, ADICIONALMENTE, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CASUALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTO RIQUEÑA Y CON LA LEY NÚM. 30 DEL 15 MAYO DE 1988, SEGÚN ENMIENDADA, LEY NÚM. 96 DEL 6 DE JULIO DE 1976, SEGÚN ENMIENDADA, SEGÚN APLICABLES, RECONOCIENDO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS REGISTROS QUE SE HAYA PRODUCIDO POR DESCUIDADO 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 COPE

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

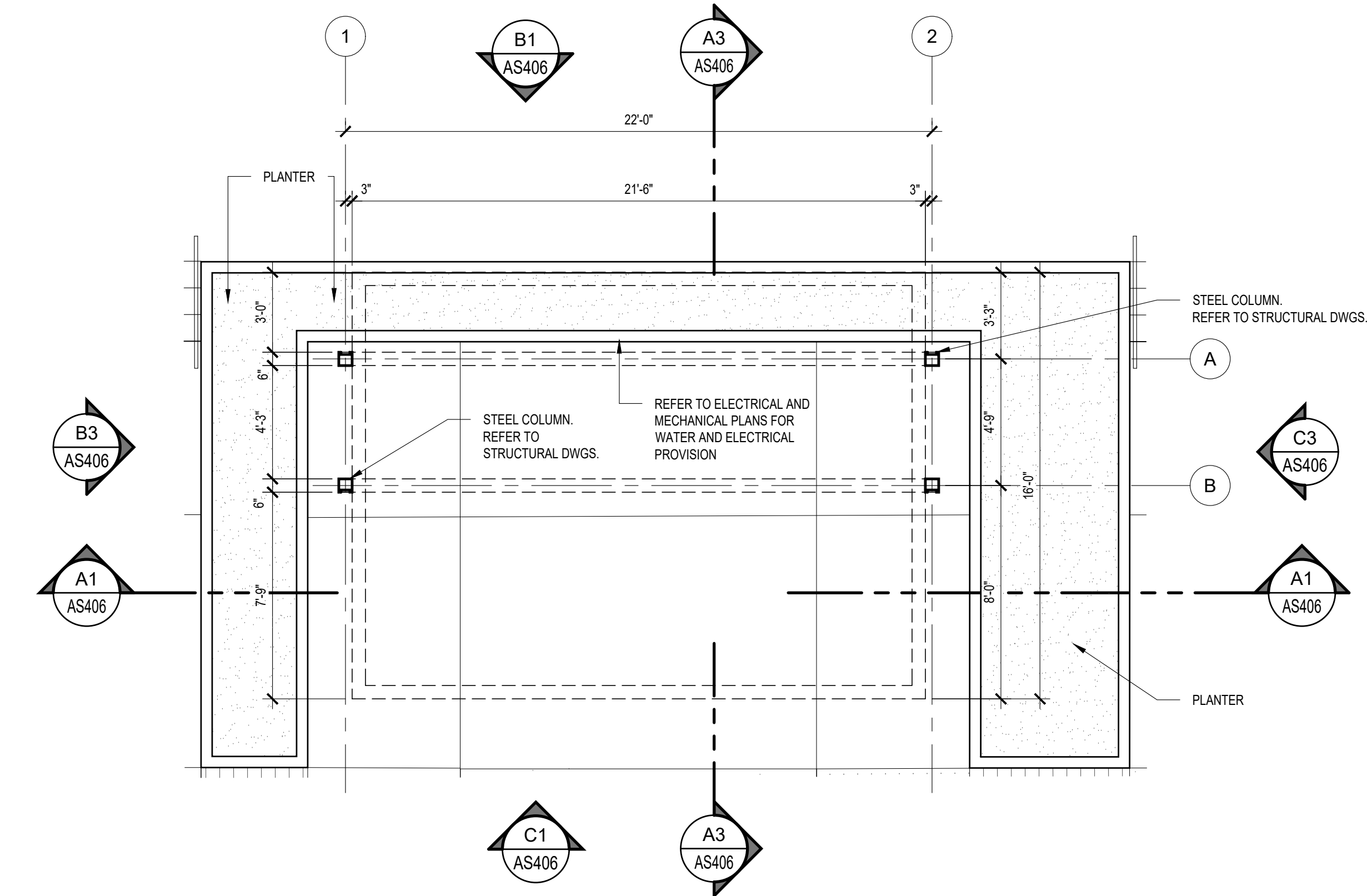
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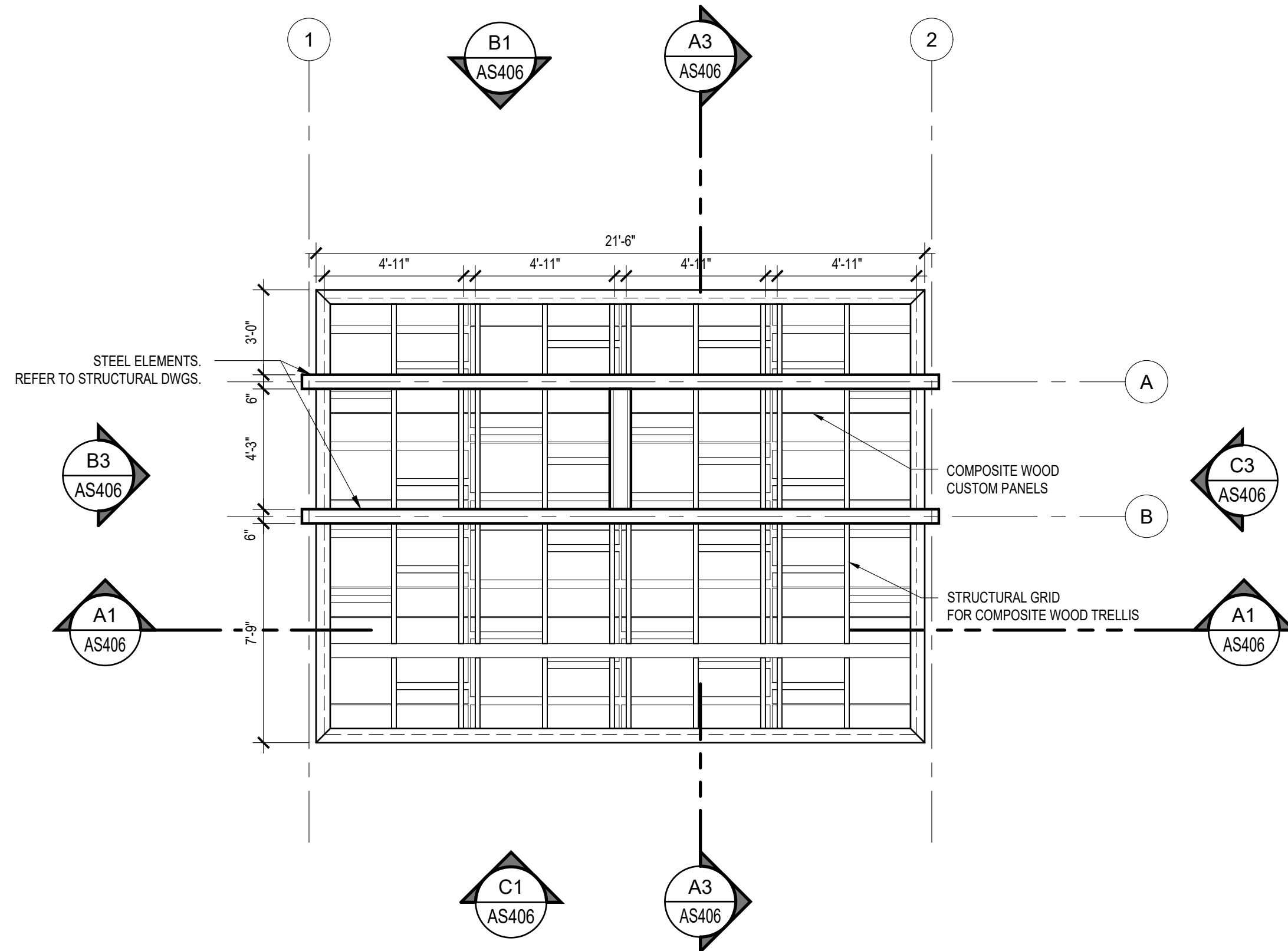
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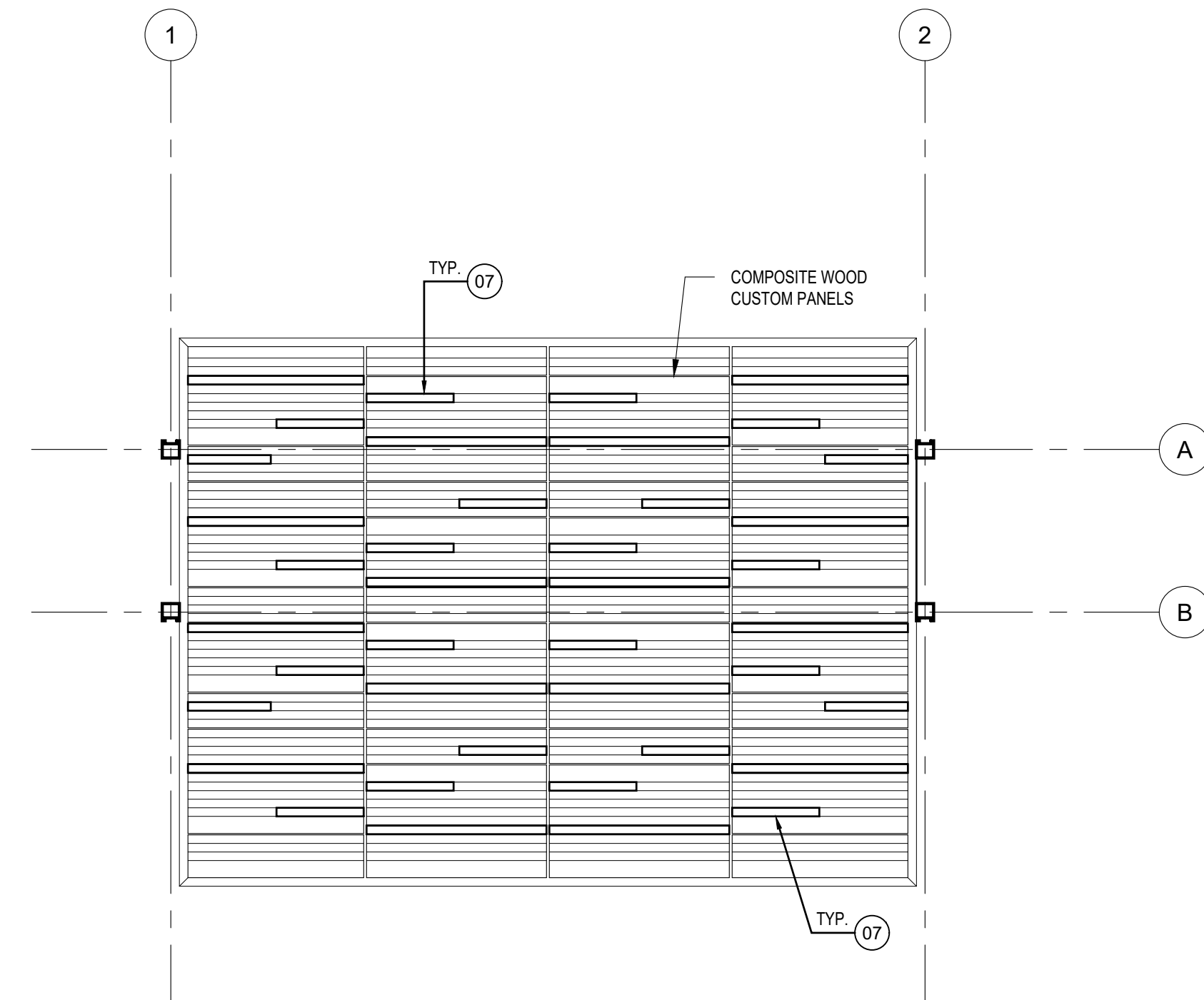
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C2 TRELLIS - ENLARGED PLAN
SCALE: 1/4"=1'-0"



A2 TRELLIS - ENLARGED ROOF PLAN
SCALE: 1/4"=1'-0"



A4 TRELLIS - ENLARGED REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
07		LINEAR CEILING LIGHTS	BEGA	24313	LED CEILING MOUNTED DOWNLIGHT - VORTEX REFLECTOR - WIDE BEAM DISTRIBUTION MATERIAL: DIE - CAST MARINE GRADE ALUMINUM COLOR: BLACK EQUAL OR SIMILAR

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.

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SEAL

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

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H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
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DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

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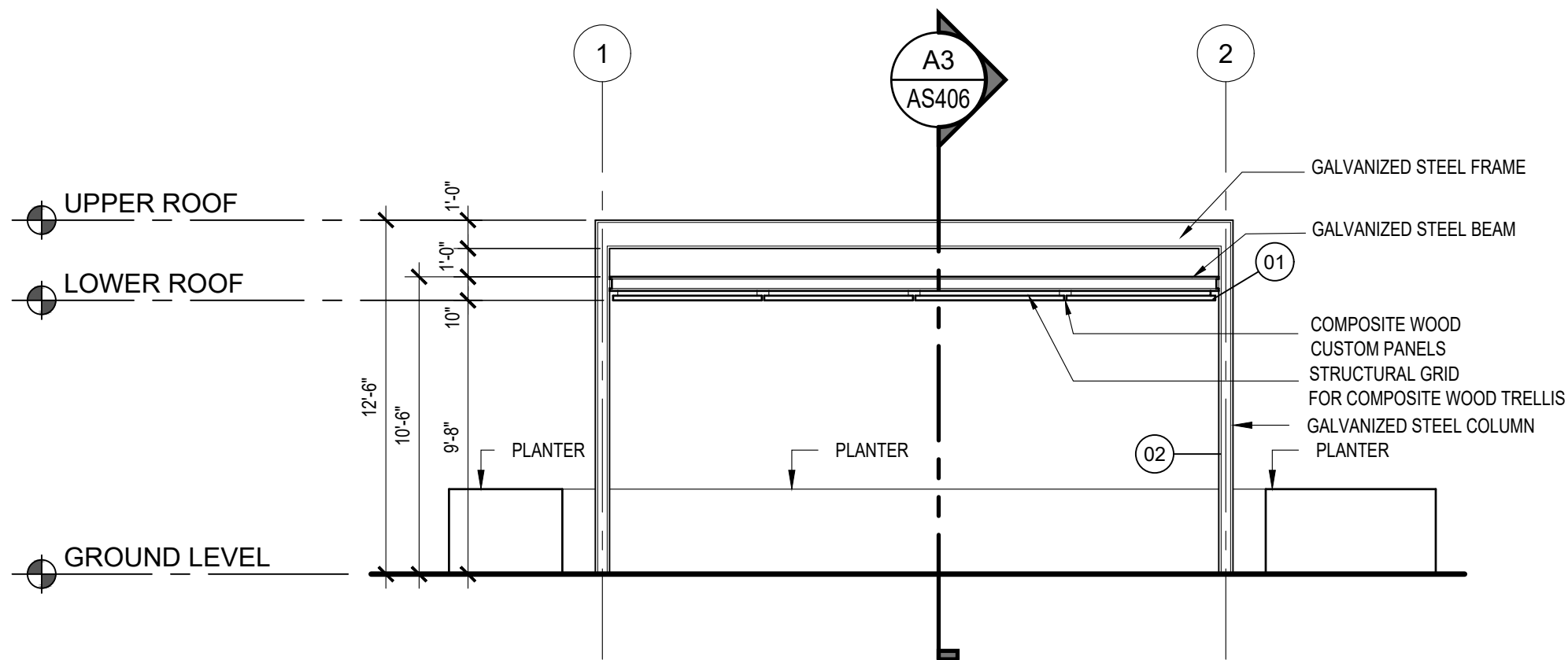
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SHEET ID

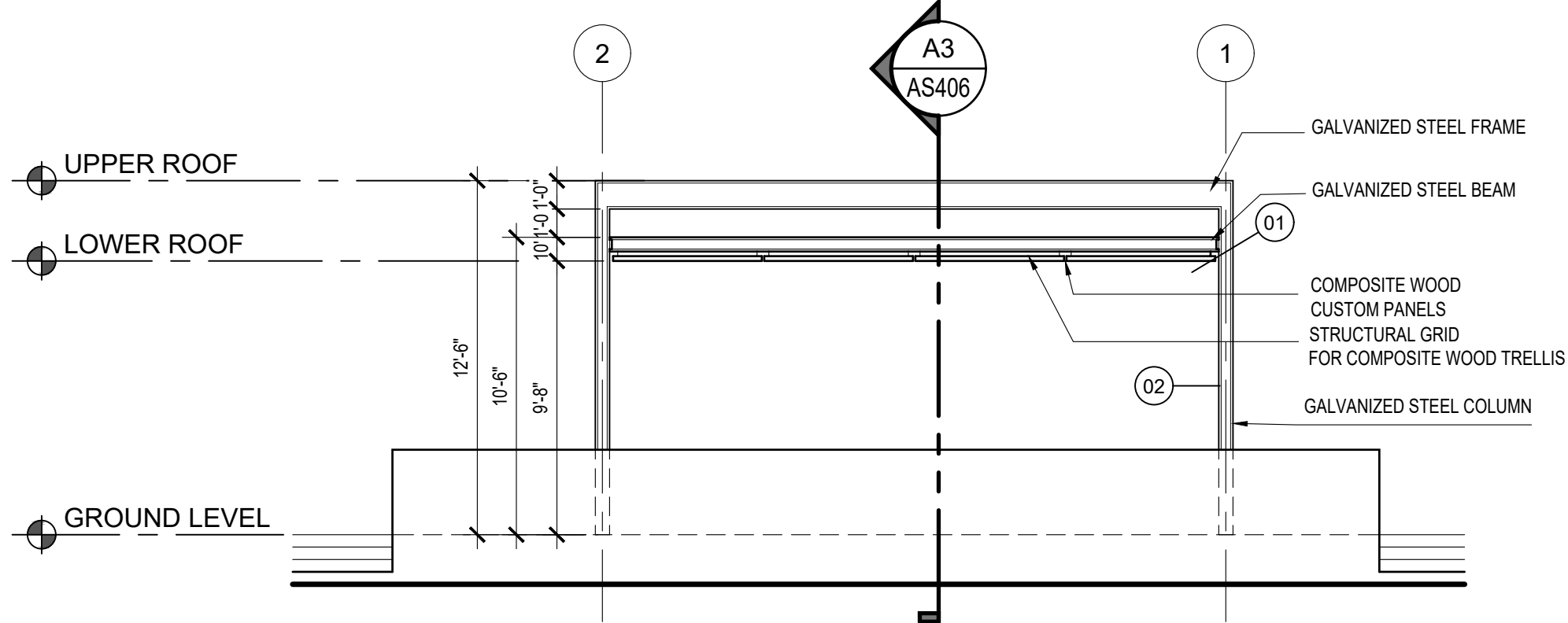
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CONSTRUCTION DOCUMENTS

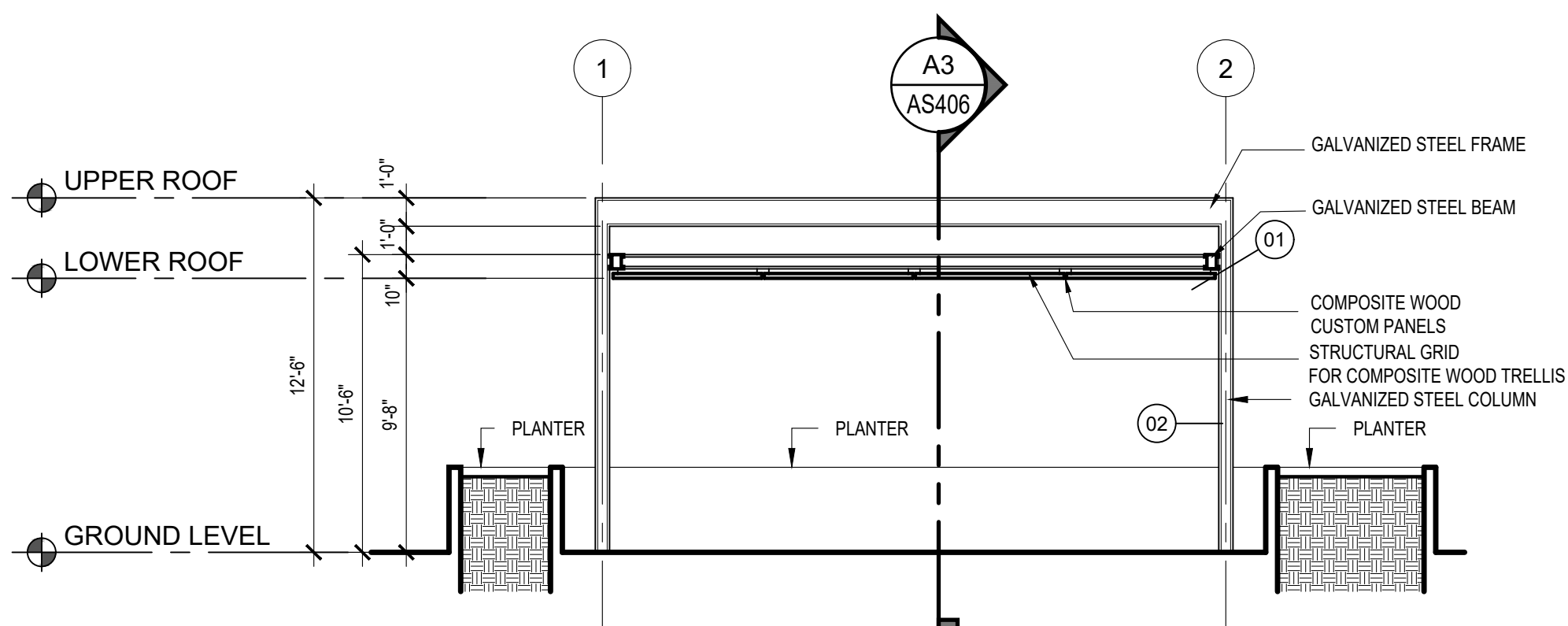
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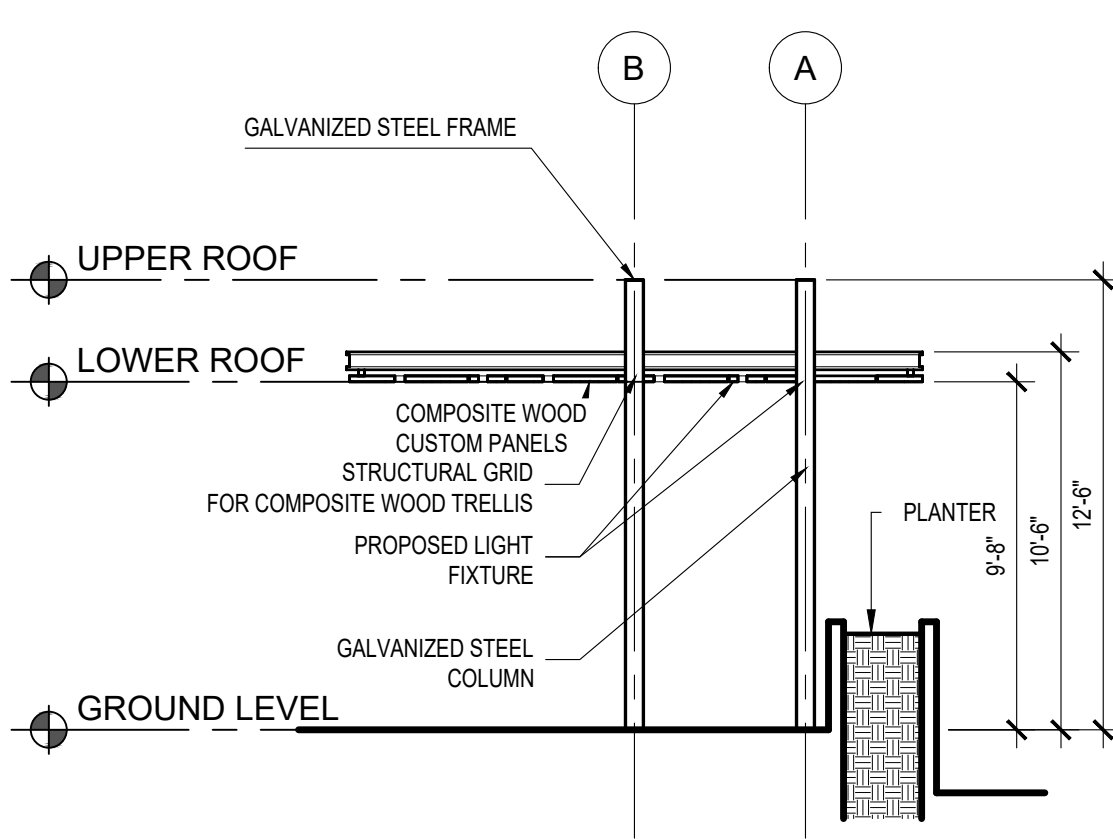
C1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



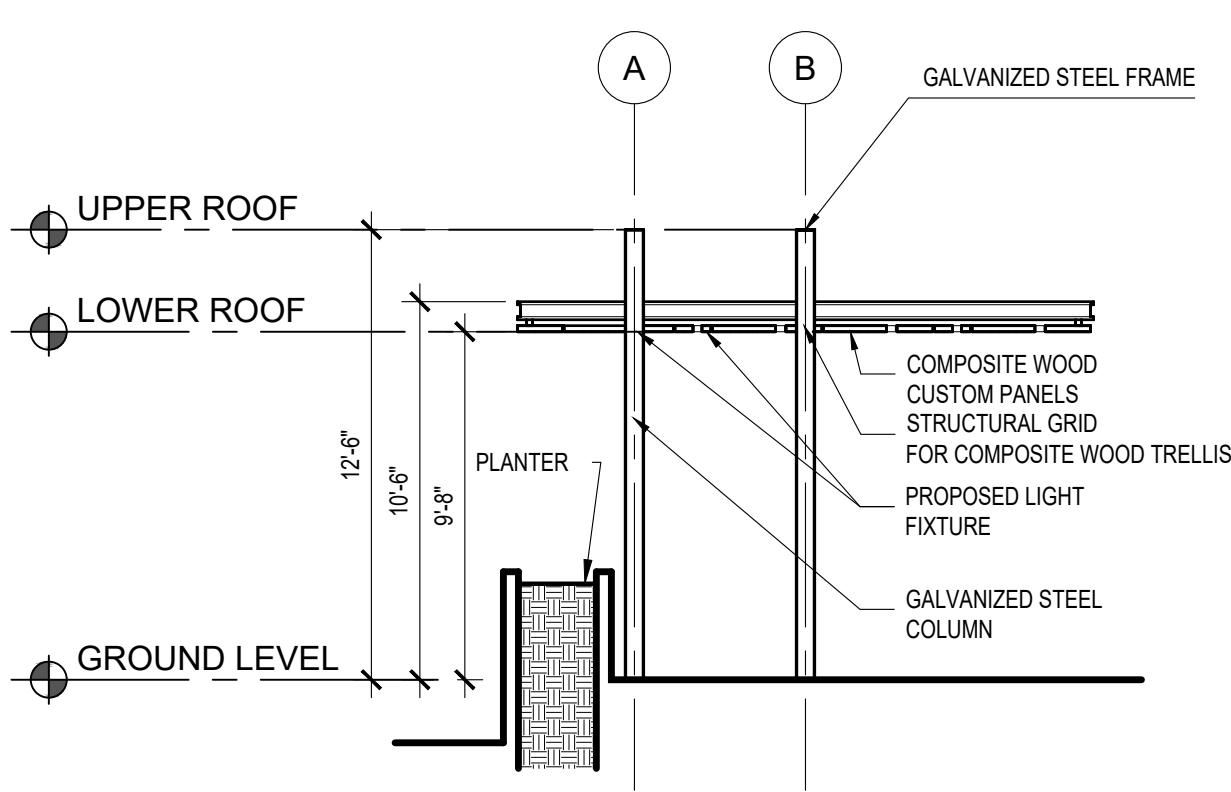
B1 TRELLIS - ENLARGED ELEVATION
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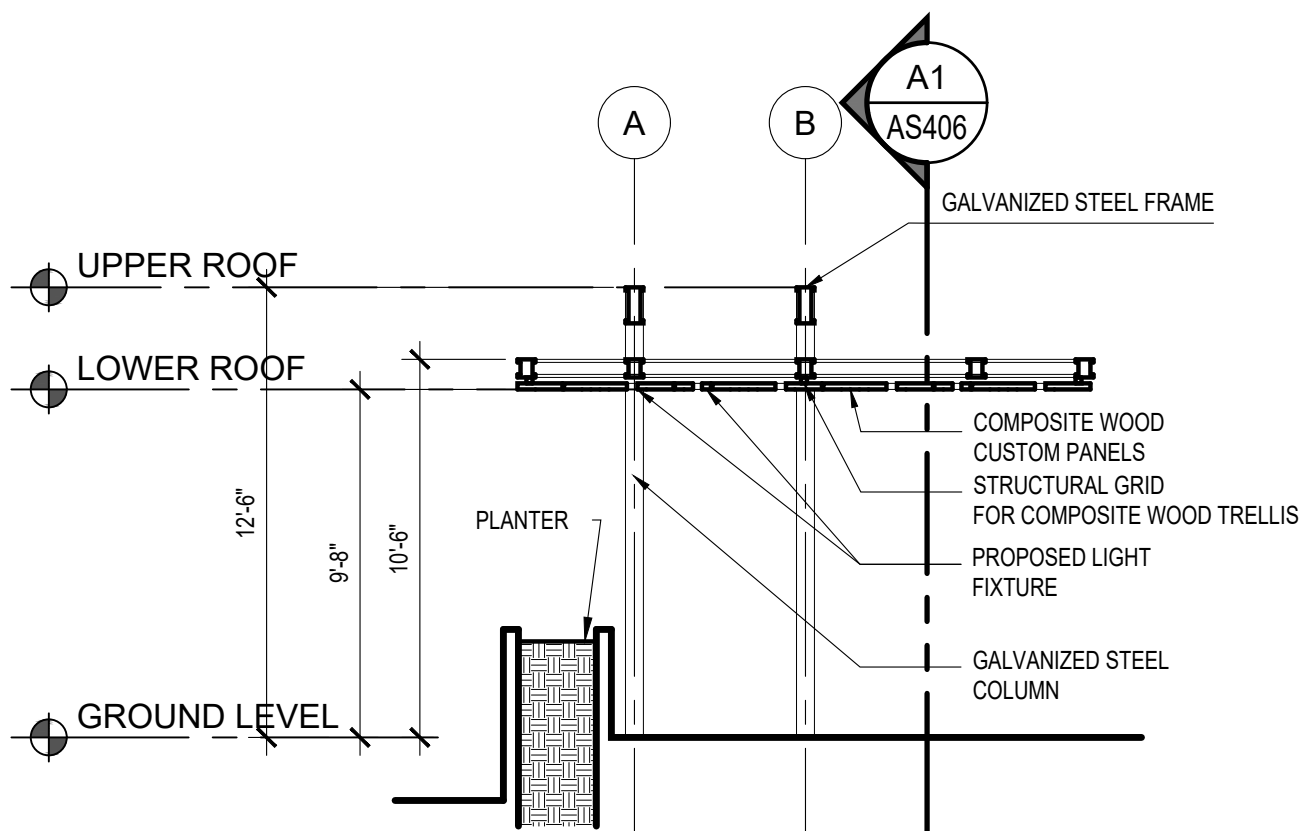
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SCALE: 3/16"=1'-0"



C3 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



B3 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



A3 TRELLIS - TRANSVERSAL SECTION
SCALE: 3/16"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL



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SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

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DATE ISSUED: 02.09.2024

REVIEWED BY: EAS

DRAWN BY: JHR

DESIGNED BY: EAS/JCR

PROJECT NUMBER: 22019

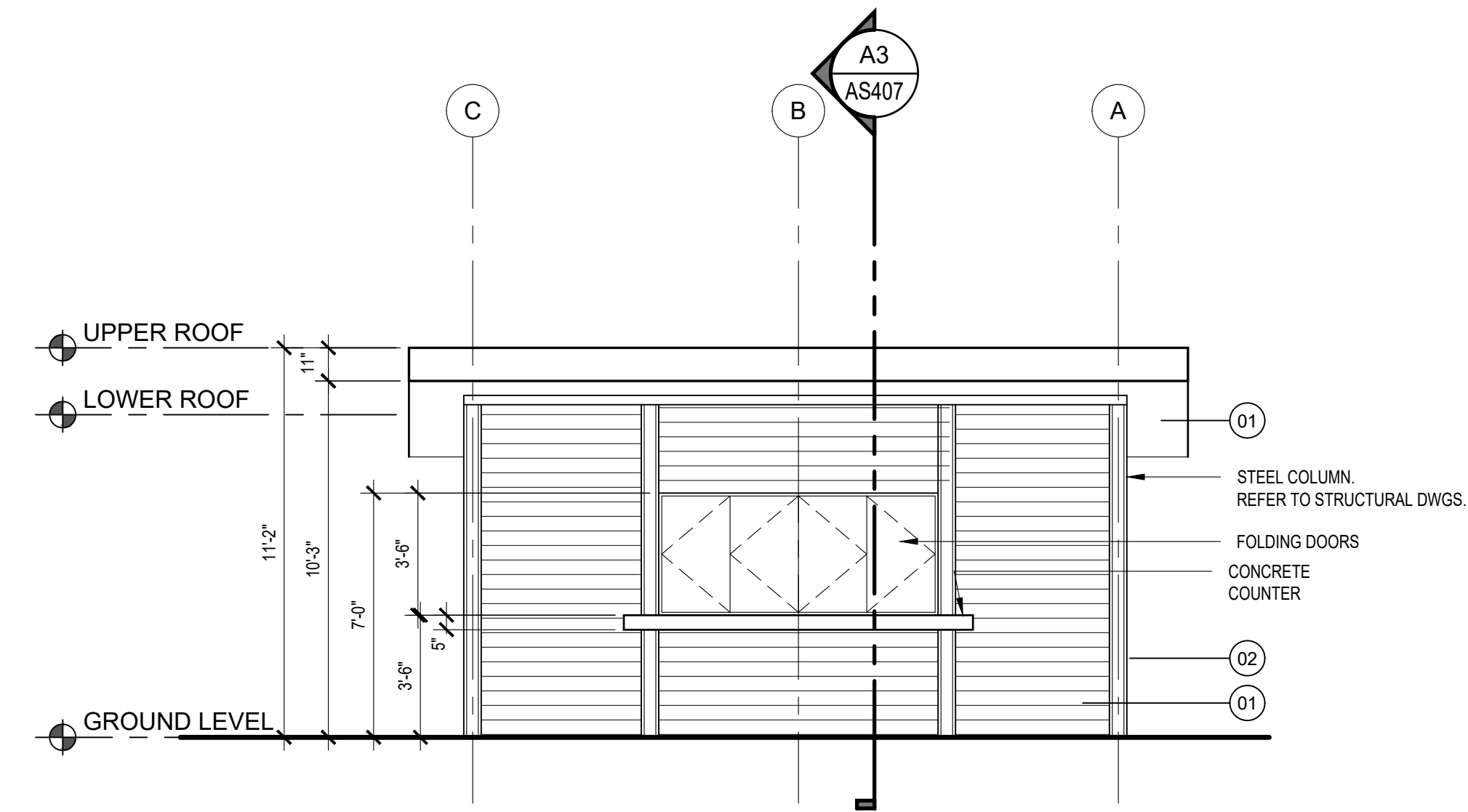
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ENLARGED TRELLIS
ELEVATIONS & SECTIONS

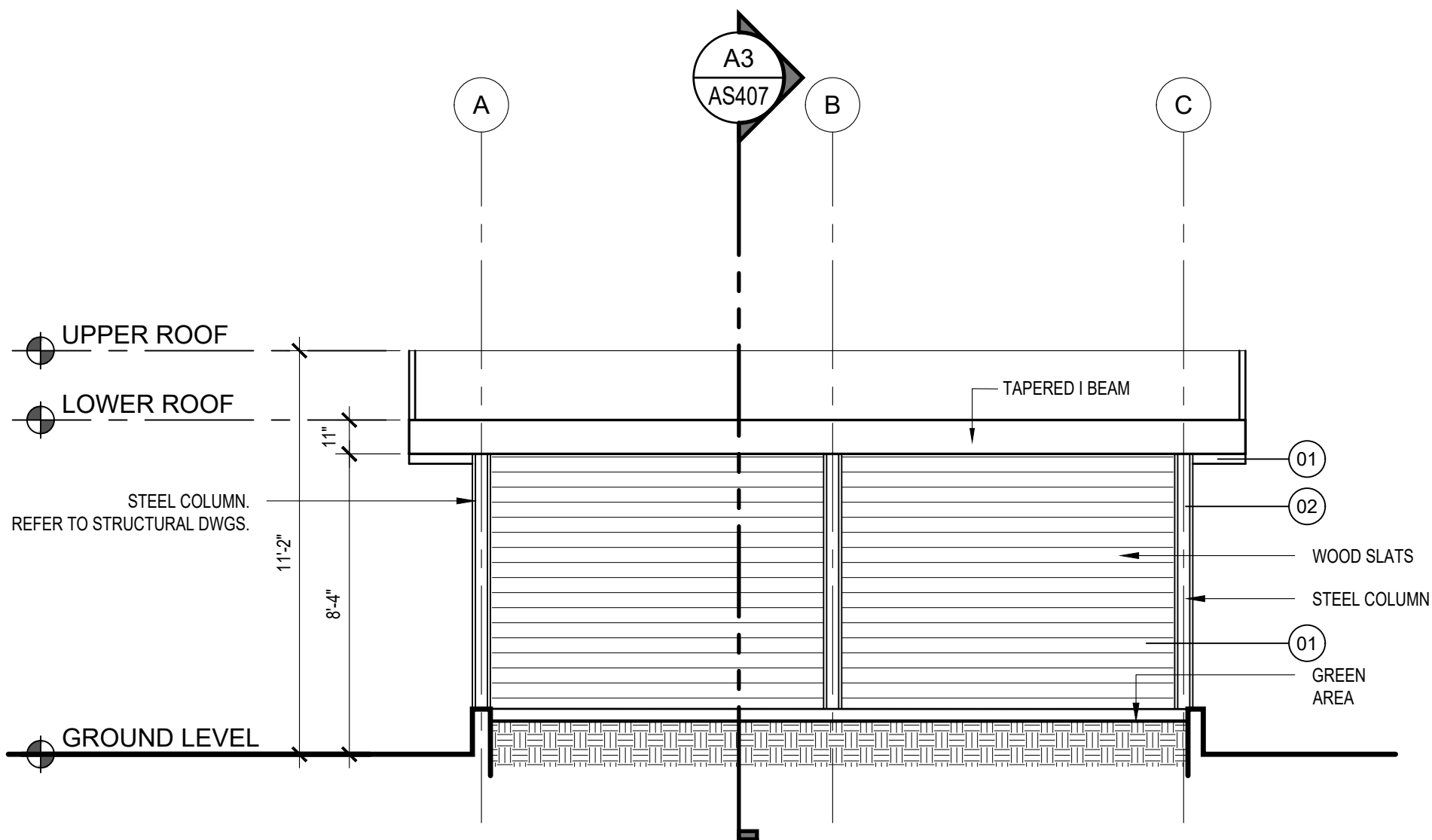
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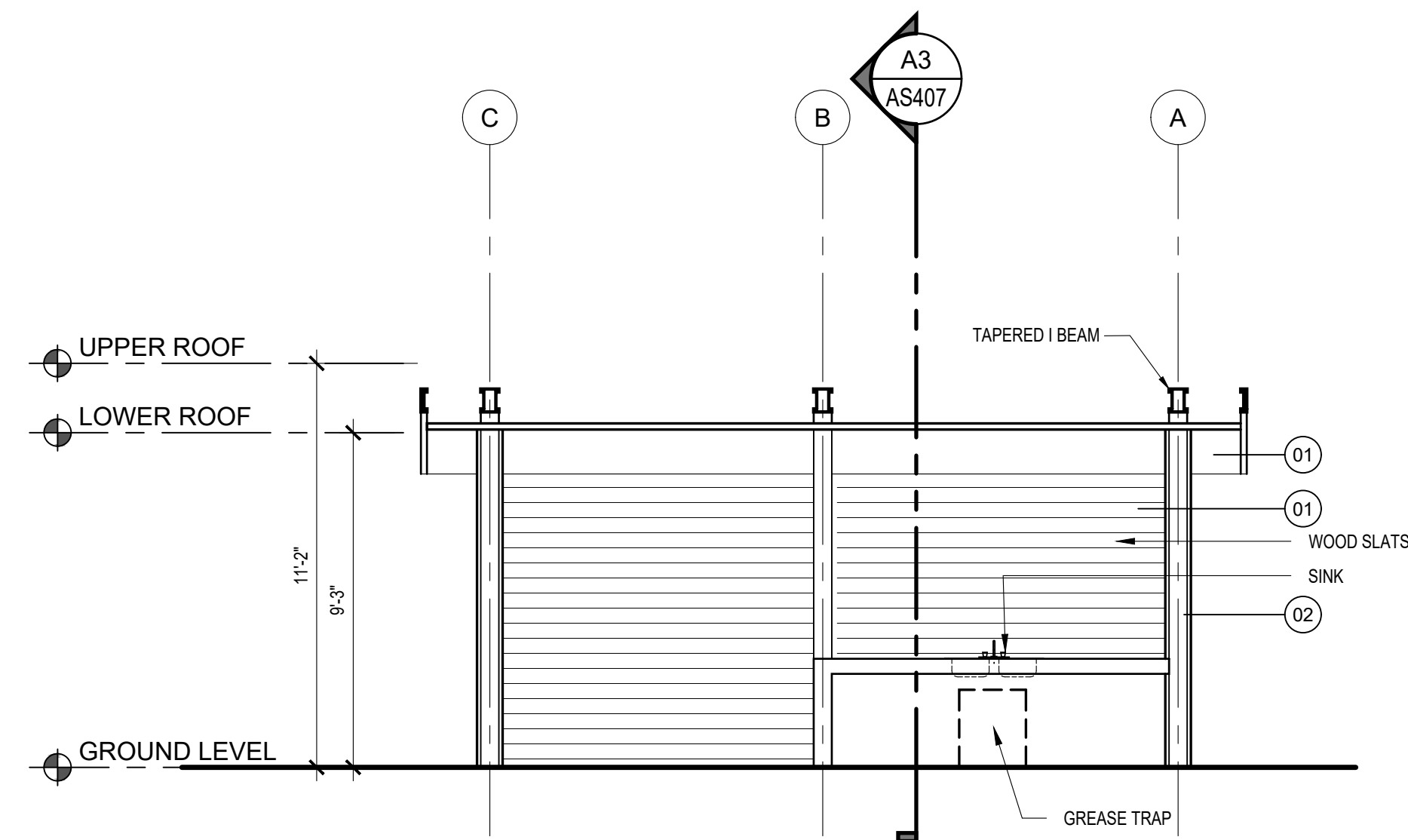
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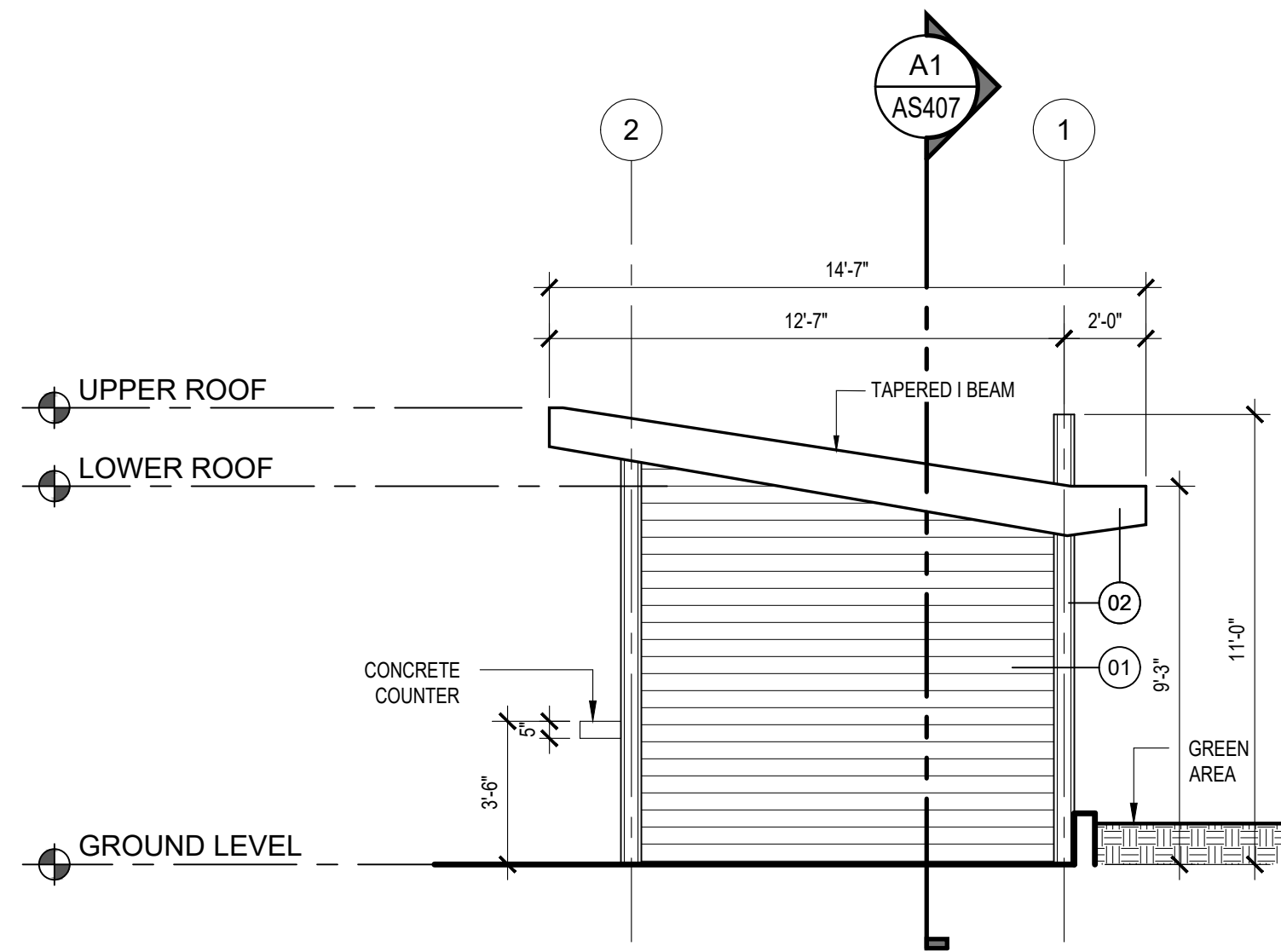
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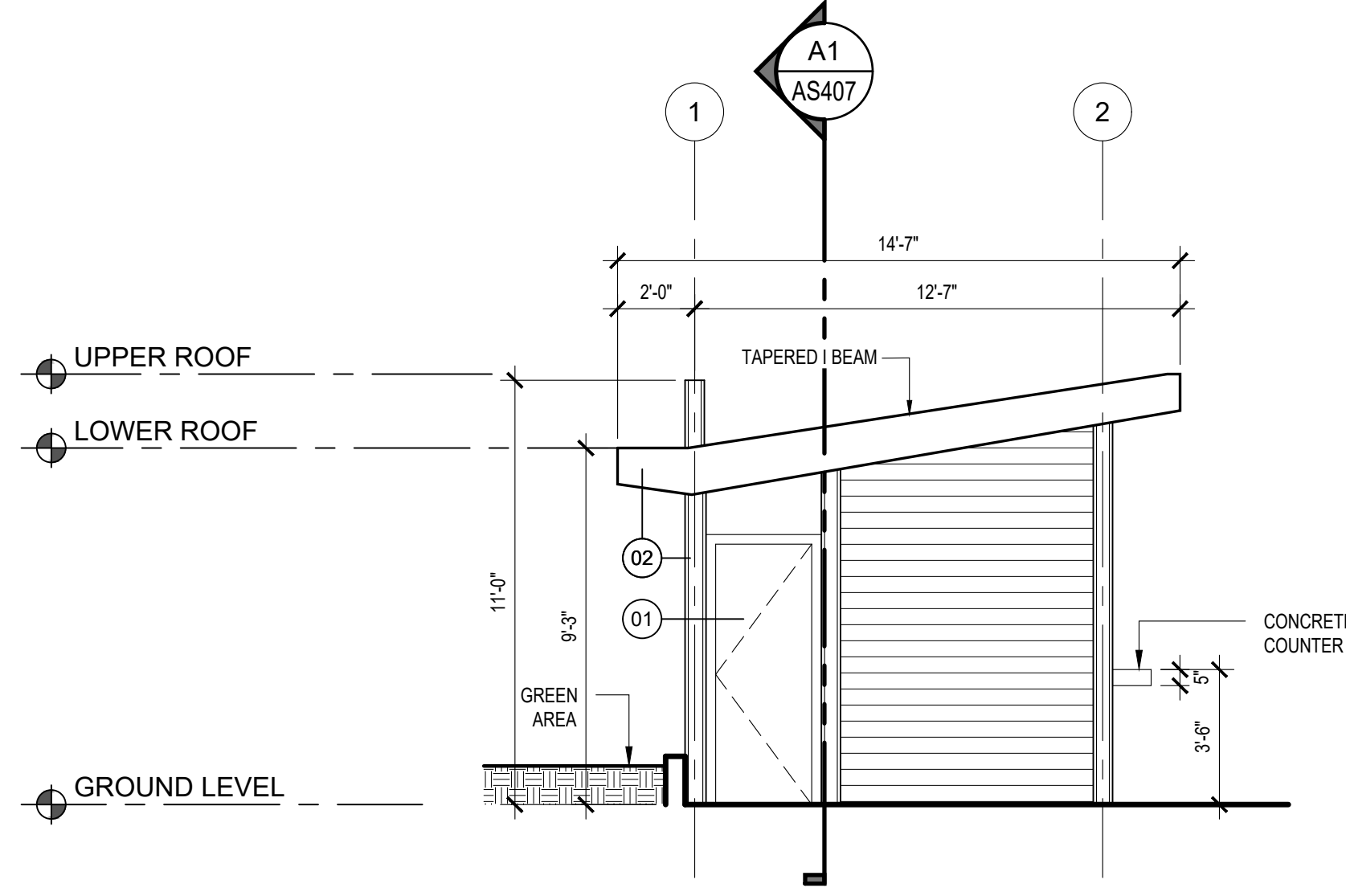
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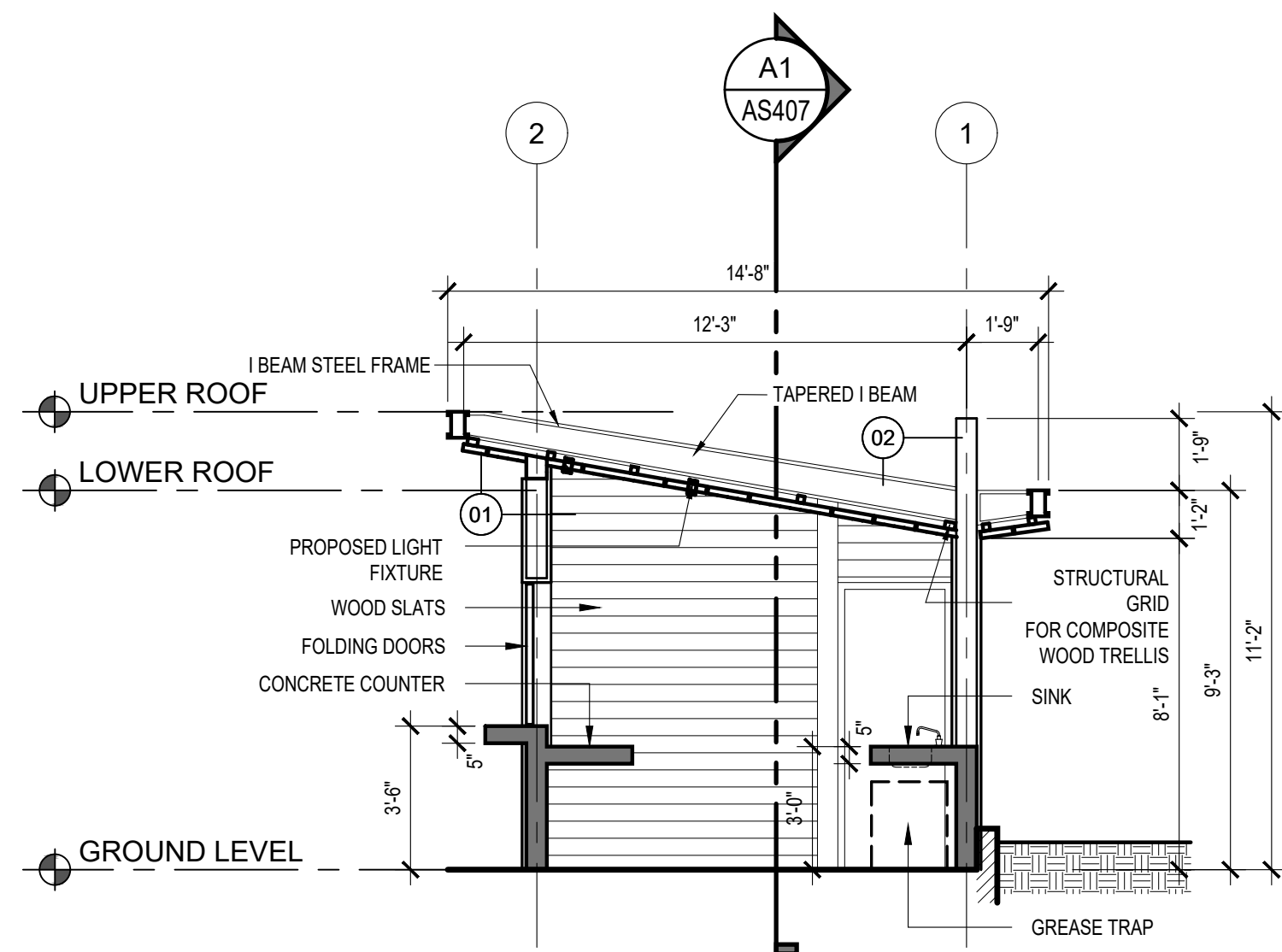
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D3 KIOSKO - ELEVATION
SCALE: 1/4"=1'-0"



B3 KIOSKO - ELEVATION
SCALE: 1/4"=1'-0"



A3 KIOSKO - TRANSVERSAL SECTION
SCALE: 1/4"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL

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SEAL

YO, RICARDO ALVAREZ, DIAZ, LIC. #1718, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTENDIENDO QUE DICHS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTA REGULATORIA O CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICO, ADICIONAL, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CASUALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTO RIQUEÑA Y CON LA LEY NÚM. 30 DEL 15 MAYO DE 1988, SEGÚN ENMIENDADA, LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, SEGÚN APLIQUE RECONOCIENDO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS REGISTROS 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 COPIE

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	100% CD - REVISIONS	08.11.2023
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H	100% CD - REVISIONS	02.22.2024

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DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

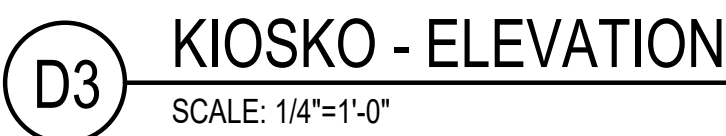
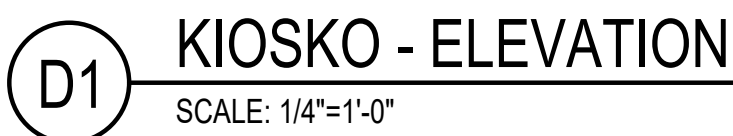
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ENLARGED KIOSKO
ELEVATIONS & SECTIONS

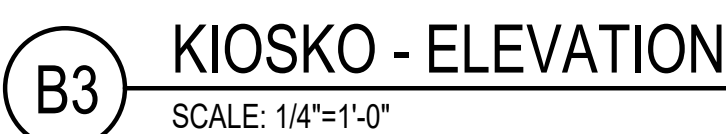
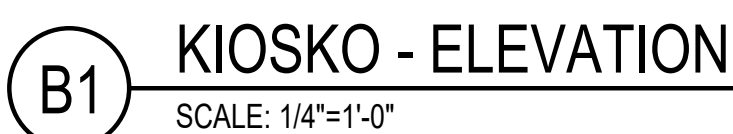
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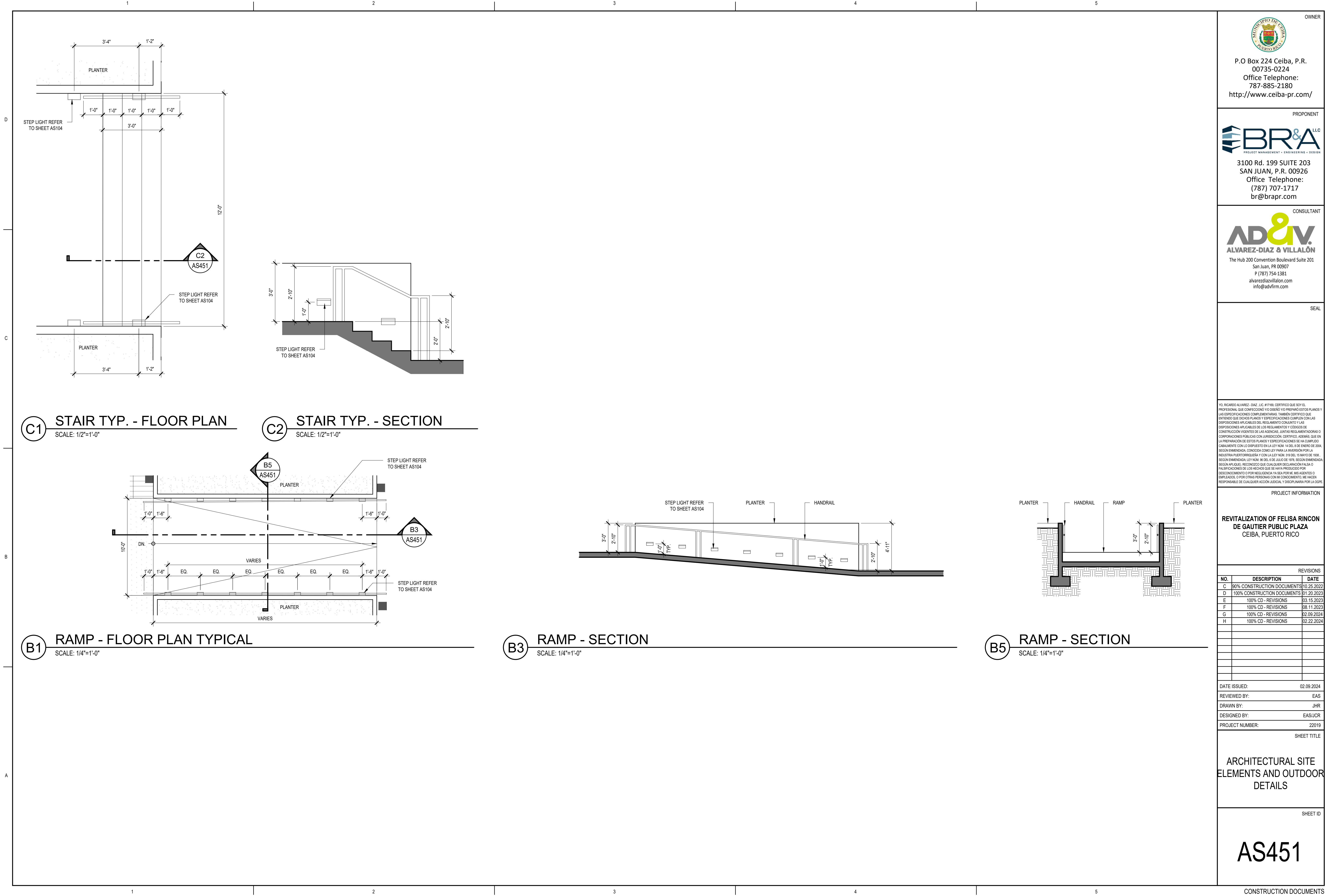
CONSTRUCTION DOCUMENTS



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 BRA LLC PROJECT MANAGEMENT • ENGINEERING • DESIGN 3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926 Office Telephone: (787) 707-1717 br@brapr.com	PROPOSITOR
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SEAL

YO, RICARDO ALVAREZ, DIAZ, LIC. #17186, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTENDIENDO QUE DICHS PLANOS Y ESPECIFICACIONES CUMPLIRAN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CARGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTA REGULATORIA O CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CASUALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DEL 8 DE ENERO DE 2004, SEGUN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSION POR LA INDUSTRIA PUERTO RIQUEÑA Y CON LA LEY NUM. 310 DEL 15 MAYO DE 1988, SEGUN ENMIENDADA, LEY NUM. 96 DEL 6 DE JULIO DE 1978, SEGUN ENMIENDADA, SEGUN APLIQUE, RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS REGISTROS 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 DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA COPIE

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

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H	100% CD - REVISIONS	02.22.2024

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REVIEWED BY:	EAS
DRAWN BY:	JHR
DESIGNED BY:	EAS/JCR
PROJECT NUMBER:	22019

SHEET TITLE

ARCHITECTURAL SITE
ELEMENTS AND OUTDOOR
DETAILS

SHEET ID

AS451

CONSTRUCTION DOCUMENTS



YO, RICARDO ALVAREZ - DIAZ, CUI. #17189, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECIONE Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTENDI QUE CUALQUIER FALSA O FALSIFICACION DE ESTOS PLANOS, CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONYUGO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AUTORIDADES, JUNTAS REGULADORAS O CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICADO, ADIEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES HE CUMPLIDO CABAMENTE CON LO DISPUESTO EN LA LEY PARA LA INVERSIÓN EN LA INDUSTRIA PETROLQUEROMICA Y EN LA LEY NUM. 319 DEL 15 DE MAYO DE 1958, SEGUN ENMIENDA; LEY NUM. 96 DEL 6 DE JULIO DE 1971, SEGUN ENMIENDA (SEGUN APLICHE) RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, POR OTRAS PERSONAS O CON CONCUPISCO, HE JACERES RESPONSABLE E INCLUIR CUALQUIER VIOLACION A LA LEY PARA LA

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
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CEIBA, PUERTO RICO

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DATE ISSUED: 02.09.2024

REVIEWED BY: EAS

DRAWN BY: JHR

DESIGNED BY: EAS/JCR

PROJECT NUMBER:	22019
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SHEET TITLE

ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS

SHEET ID

AS501

CONSTRUCTION DOCUMENTS

Figure 2:

PR-CRP-000968

REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

267 LAURO PIÑERO AVE.

CEIBA, PR 00735

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INDEX

SHEET	DESCRIPTION:
GENERAL PLANS	
T000	TITLE SHEET INDEX, LOCATION MAP, FLOOD MAP & CALIFICATION
LANDSCAPE PLANS	
LD100	LANDSCAPE SELECTIVE DEMOLITION SITE PLAN
L000	GENERAL NOTES
L100	KEY PLAN
L101	TREE AND SHRUBS PLANTING LAYOUT
L102	GROUND COVER PLANNING LAYOUT
L103	SOIL TYPE LAYOUT
L200	PLANTING DETAILS
CIVIL PLANS	
D100	EXISTING CONDITIONS AND DEMOLITION PLAN
C200	LAYOUT PLAN
C201	TYPICAL SECTIONS
C202	VERTEX DATA LAYOUT PLAN
C210	COORDINATES TABLE AND VERTEX DATA
C300-C303	GRADING PLAN
C480	EROSION AND SEDIMENTATION CONTROL PLAN
C490	EROSION AND SEDIMENTATION CONTROL DETAILS
C500	SANITARY SEWER SYSTEM PLAN
C520	SANITARY SEWER SYSTEM DETAILS
C600	POTABLE WATER SYSTEM PLAN
C640	POTABLE WATER SYSTEM DETAILS
C700	MISCELLANEOUS DETAILS
C701	MISCELLANEOUS DETAILS
C800	TRAFFIC SIGNING AND PAVEMENT MARKING PLAN
C801	TRAFFIC SIGNING AND PAVEMENT MARKING DETAILS
M0T1	MAINTENANCE OF TRAFFIC LEGEND AND NOTES
M0T2	MAINTENANCE OF TRAFFIC TYPICAL APPLICATIONS
M0T3	MAINTENANCE OF TRAFFIC CONSTRUCTION SIGN TABLE
ARCHITECTURAL PLANS	
G003	GENERAL NOTES SYMBOLS AND ABBREVIATIONS
G004	ADA STANDARDS FOR ACCESSIBILITY
ASD100	EXISTING CONDITIONS & SELECTIVE DEMOLITION SITE PLAN
AS100	OVERALL ARCHITECTURAL SITE PLAN - SITE SPOT ELEVATIONS
AS101	OVERALL ARCHITECTURAL SITE PLAN - SITE SPOT ELEVATIONS
AS102	OVERALL ARCHITECTURAL SITE PLAN- TOP VIEW (ROOF PLAN)

ARCHITECTURAL PLANS

AS103	ARCHITECTURAL SITE PLAN – SITE FURNISHINGS
AS104	ARCHITECTURAL SITE PLAN – LIGHTING
AS106	ARCHITECTURAL SITE PLAN – TRELLISES, PORTALS, STAGE
AS301	OVERALL SITE ELEVATIONS
AS302	OVERALL SITE SECTIONS
AS401	ENLARGED PLANS STAGE
AS402	ENLARGED SECTIONS & ELEVATIONS STAGE
AS403	ENLARGED PLANS TRELLIS
AS405	ENLARGED PLAN TRELLIS
AS406	ENLARGED TRELLIS ELEVATIONS & SECTIONS
AS407	ENLARGED KIOSK ELEVATIONS AND SECTIONS
AS408	ENLARGED KIOSK ELEVATIONS AND SECTIONS
AS451	ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS
AS501	ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS

STRUCTURAL PLANS

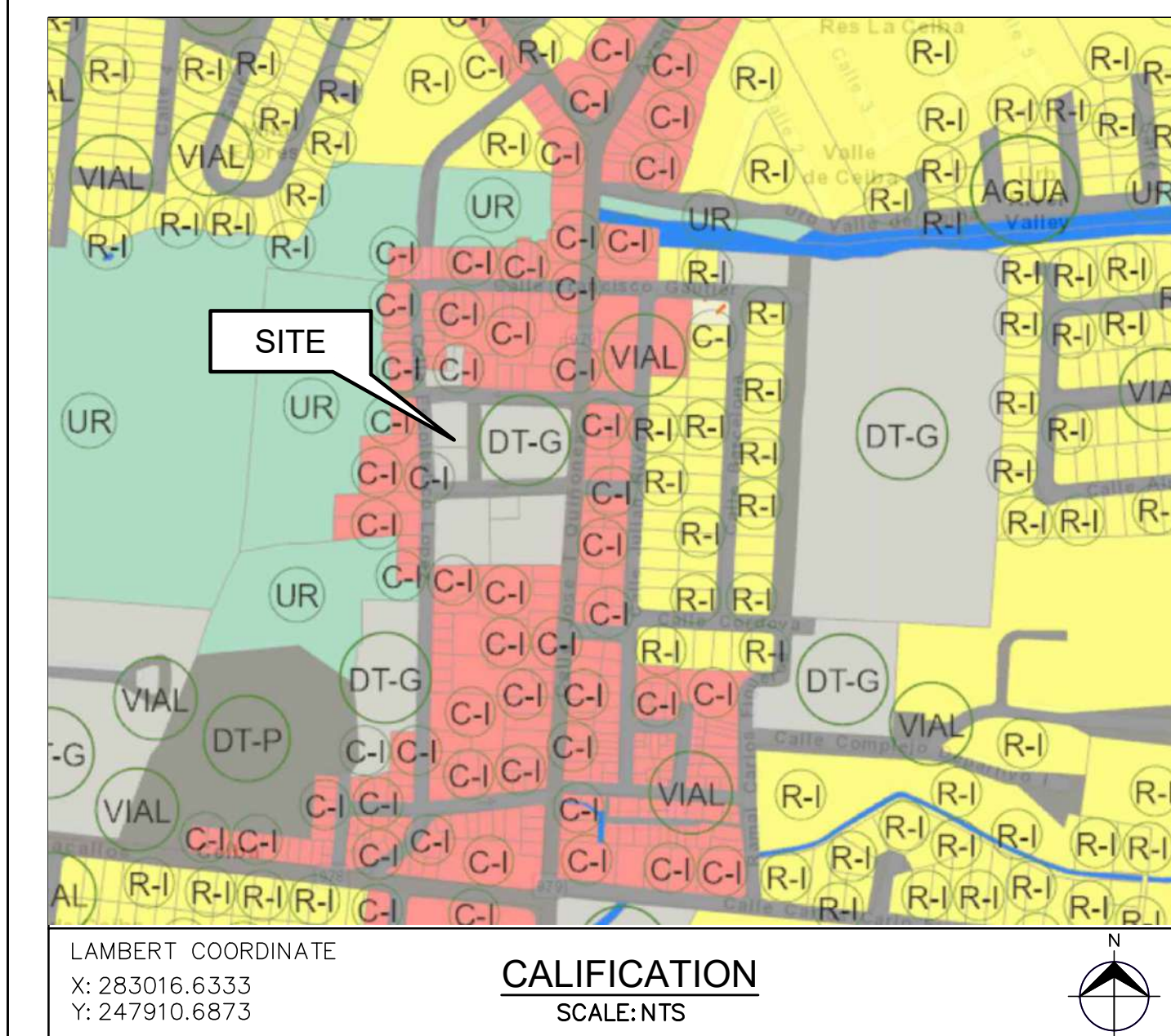
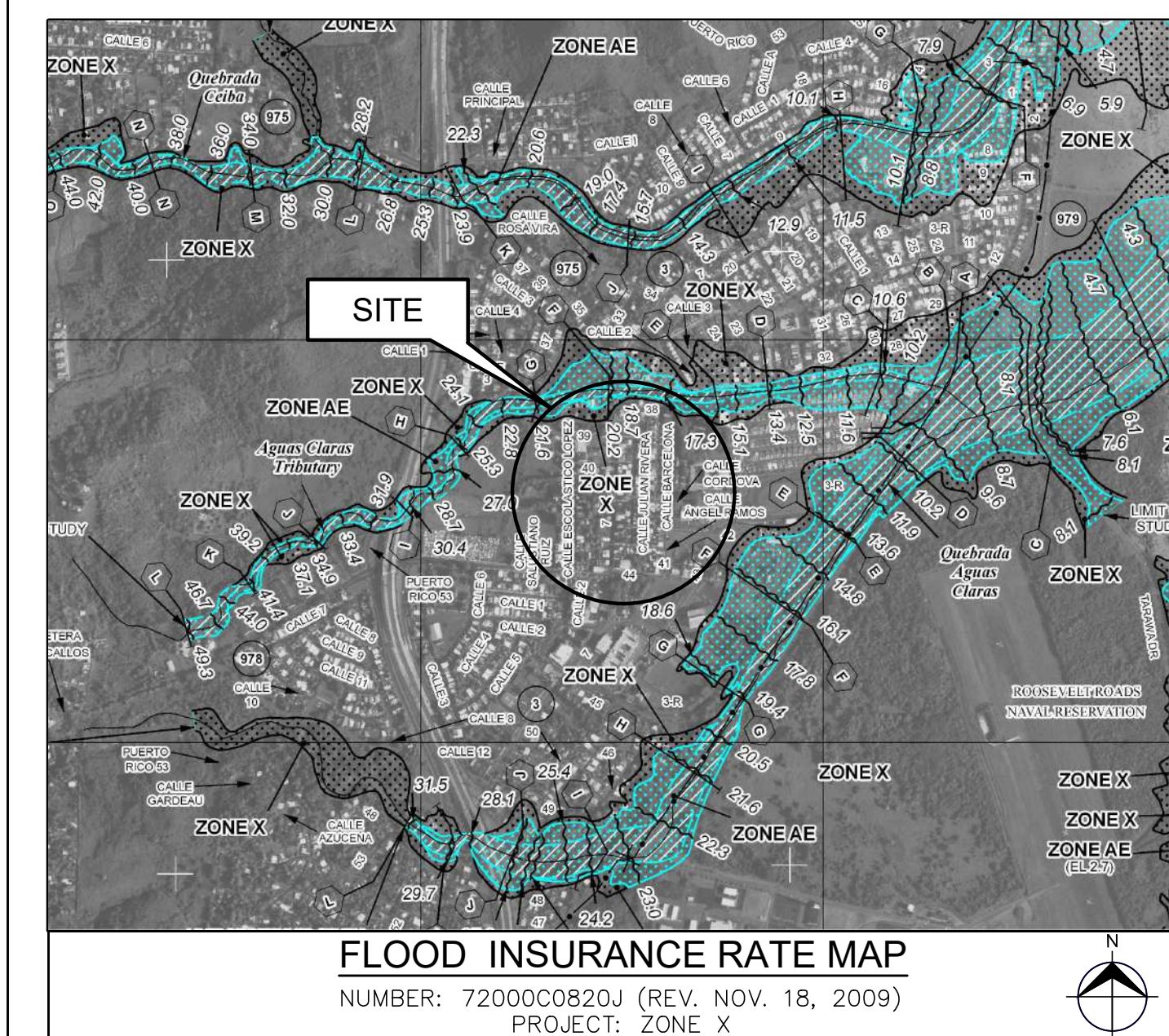
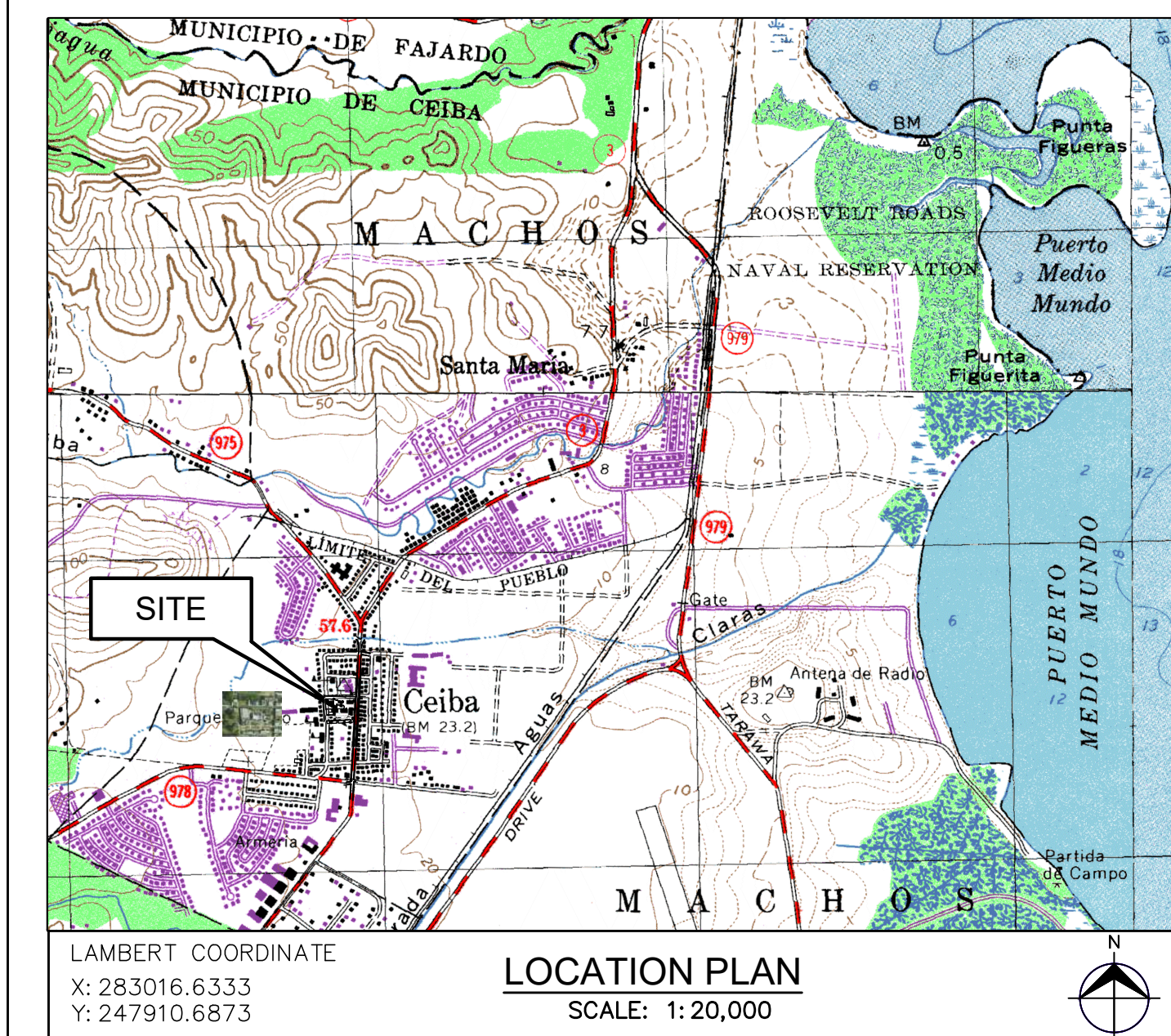
S100	GENERAL STRUCTURAL NOTES AND DETAILS
S101	OVERALL STRUCTURAL SITE PLAN
S102	STRUCTURAL SITE SECTIONS
S103	STRUCTURAL SITE SECTIONS
S104	STRUCTURAL SITE SECTIONS
S201	SHORT TRELLIS FOUNDATION PLAN AND DETAILS
S202	SHORT TRELLIS STRUCTURAL PLANS, SECTIONS AND DETAILS
S211	KIOSK FOUNDATION PLAN AND DETAILS
S212	KIOSK STRUCTURAL PLAN AND CONNECTION DETAILS
S213	KIOSK STRUCTURAL SECTION

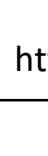
ELECTRICAL PLANS

E100	NOTES, LEGEND AND SCHEDULE
E200	EXISTING ELECTRICAL PLAN
E300	PROPOSED ELECTRICAL PLAN
E400	NOTES, LEGEND AND SCHEDULE

MECHANICAL PLANS

PL01	PLUMBING LEGEND, ABBREVIATIONS AND GENERAL NOTES
PL02	KIOSK—ENLARGED PLUMBING FLOOR PLAN
PL03	PLUMBING DETAILS AND GENERAL NOTES



OWNER	
P.O. Box 224 Ceiba, P.R. 00735-0224 Office Telephone: (787) 885-2180 http://www.ceiba-pr.com/	CONSULTANT
	
3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926 Office Telephone: (787) 707-1717 br@brapr.com	PROJECT MANAGEMENT • ENGINEERING • DESIGN

	CONSULTANT
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SEAL

YO, LIZ M. RODRIGUEZ TORRES, CL 17504, CERTIFICO QUE SOY EL PROFESIONAL, QUE CONFECIONEVO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TANTAS COMO SE NECESITEN PARA LA EJECUCION DE LA OBRA, DE ACORDO A LAS ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCION VIGENTES EN LAS ENTIDADES DE LA REPUBLICA, Y QUE SOY EMPLEADO DE LAS CORPORACIONES PÚBLICAS CON JURISDICCION CERTIFICADO. ADICIONALMENTE, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES NO HE INCURRIDO EN FALTAS, NI HE SIDO DISCIPLINADO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA, PUEBLERQUERÍA Y CON LA LEY NÚM. 319 DEL 30 DE SEPTIEMBRE DE 2004, SEGÚN ENMIENDADA, Y EN EL MES DE JULIO DE 1978, SEGÚN ENMIENDADA. (SEGUIN APLIQUE) RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE ESTOS PLANOS Y ESPECIFICACIONES CONLLEVA A SU DESEMPOCAMIENTO O POR NEGUEGANCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION LEGAL QUE SE DERIVE DE LA FALTA DE VERDAD DE ESTOS PLANOS Y ESPECIFICACIONES.

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

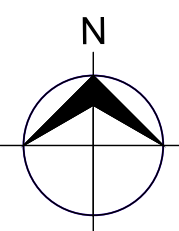
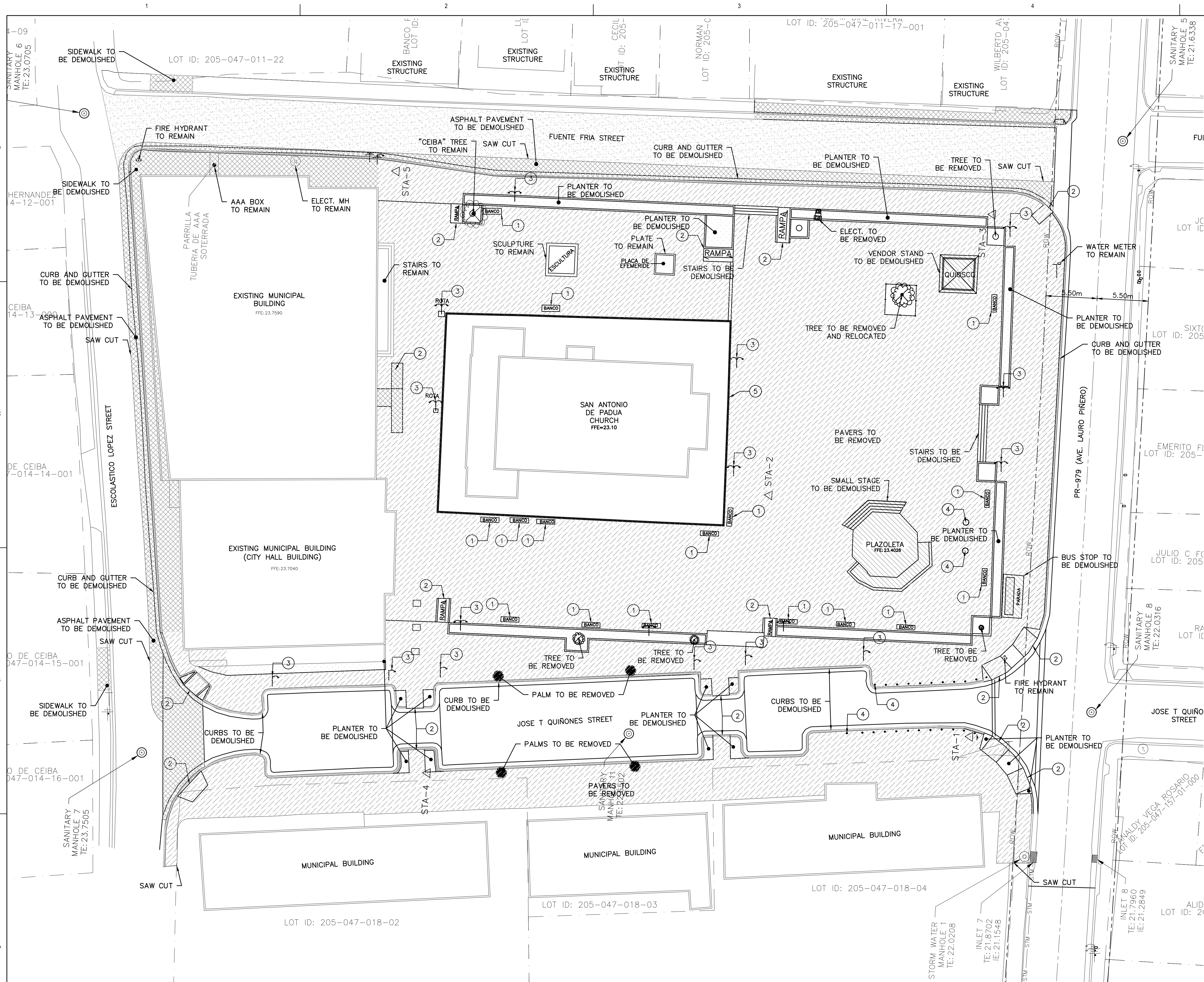
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DATE ISSUED:	08/05/22
REVIEWED BY:	LMR
DRAWN BY:	AMC
DESIGNED BY:	LMR
BRA PROJECT NUMBER:	22010

TITLE SHEET,
INDEX, LOCATION
PLAN, FLOOD
MAP &
CALIFICATION

SHEET ID

T000



EXISTING CONDITIONS AND DEMOLITION PLAN
SCALE: 1:200

LEGEND:

- STA-X CONTROL POINTS (SEE TABLE OF COORDINATES ON THIS PLAN)
- 0.05m(2in) COLD MILLING OF BITUMINOUS ASPHALT PAVEMENT
 - PAVERS TO BE REMOVED
 - STRUCTURE TO BE DEMOLISHED
 - SIDEWALKS TO BE DEMOLISHED
 - LUMINAIRES TO BE REMOVED (REFER TO ELECTRICAL PLANS)
 - BOLLARDS TO BE REMOVED
 - EXISTING SMALL TREE OR PALM TO BE REMOVED
 - EXISTING TREE ("CEIBA") TO BE REMAIN OR TO REMOVED AND RELOCATED (TREE RELOCATION PROCESS TO COMPLY WITH DNER REGULATIONS)

SHEET KEYNOTES:

- EXISTING BENCHES TO BE REMOVED AND DISPOSED
- EXISTING HC RAMPS TO BE DEMOLISHED
- EXISTING LUMINAIRES TO BE REMOVED (SEE NOTES)
- EXISTING BOLLARDS TO BE REMOVED AND DISPOSED
- EXISTING FENCE TO BE REMOVED

NOTES:

- ALL DIMENSIONS AND ELEVATIONS ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
- TOPOGRAPHIC SURVEY FOR THIS PROJECT WAS PREPARED FOR THIS PROJECT BY THE LICENSED SURVEYOR RAFAEL POZO MONTAS, LIC #10028, DATED AUGUST 4, 2022.
- REMOVAL OF EXISTING LUMINAIRES TO BE COORDINATED WITH THE OWNER.
- EXISTING SIGNS TO BE REMOVED, STORED AND REINSTALLED AS INDICATED BY OWNER.
- REFER TO ELECTRICAL DWGS. FOR REMOVAL OF LIGHTING POLES AND ELECTRICAL ELEMENTS.
- REFER TO ASBESTOS AND LEAD BASE PAINT REPORT TO IDENTIFY THE ELEMENTS WITH POSITIVE RESULTS. MITIGATION MEASURES MUST BE CONDUCTED PRIOR TO COMMENCE THE DEMOLITION AND CONSTRUCTION WORKS. ALL PROCESS SHALL BE IN COMPLIANCE WITH ENVIRONMENTAL REGULATIONS.

CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
STA-1	247,884.7536	283,038.1924	22.1285	NAIL
STA-2	247,910.6873	283,016.6333	22.7378	NAIL
STA-3	247,940.8377	283,040.6309	22.0409	NAIL
STA-4	247,880.8546	282,979.9106	23.1214	NAIL
STA-5	247,945.4809	282,976.5921	22.6554	NAIL
STA-4205	247,795.2372	283,038.9806	22.6017	NAIL
STA-4208	247,684.2605	283,031.4634	22.8891	NAIL



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CONSULTANT

SEAL

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

NO.	DESCRIPTION	DATE
A	ISSUED FOR BID	05/16/24
B	100% CD	10/02/24

DATE ISSUED: 08/05/22
REVIEWED BY: LMR
DRAWN BY: AMC
DESIGNED BY: LMR
BRA PROJECT NUMBER: 22010

EXISTING
CONDITIONS AND
DEMOLITION
PLAN

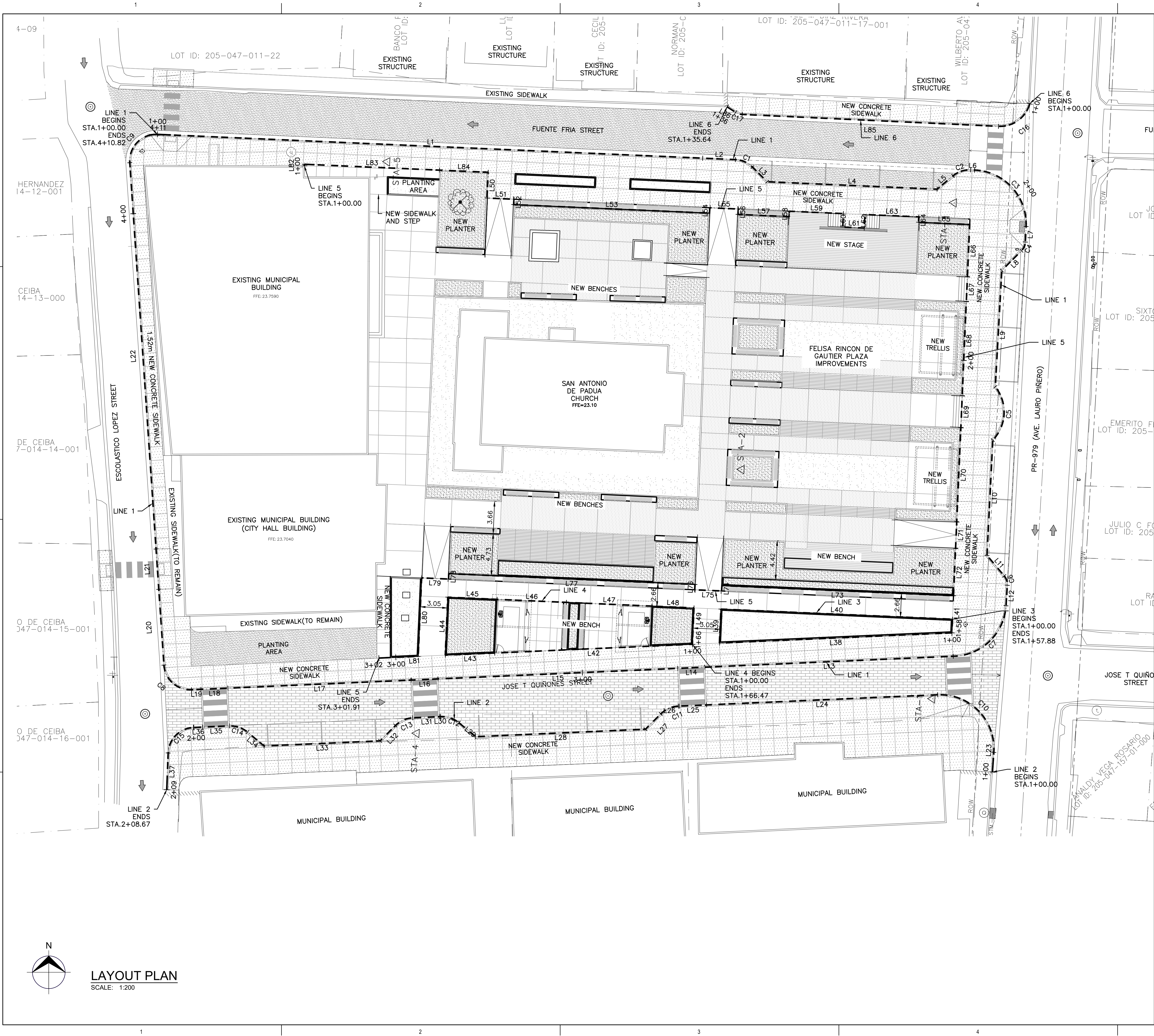
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SCALE: 1:200



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LEGEND:

- 0.05m(2in) HOT-PLANT MIX BITUMINOUS ASPHALT PAVEMENT (SURFACE)
- NEW CONCRETE SIDEWALK (SEE DETAIL ON DWG. C700)
- NEW PLANTING AREAS (SEE NOTES 2 AND 3)
- NEW STAMPED PAVEMENT SURFACE (REFER TO ARCH. PLANS FOR PATTERN)
- NODE ID (SEE TABLE OF COORDINATES ON THIS PLAN)
- TRAFFIC DIRECTION
- TYPICAL SECTIONS (SEE SECTIONS ON DWG. C201)

NOTE:

- ALL DIMENSIONS AND ELEVATIONS ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
- FOR VERTEX DATA TABLE, SEE DWG. C210-C211.



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YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTENDIENDO QUE DICHO 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, CERTIFICO, ADemás, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 DE MAYO DE 1998, SEGÚN ENMIENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, SEGÚN APLICABLE; RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA, 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 CONCONCIEMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA DIFE.

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

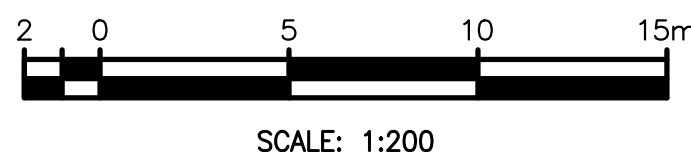
CEIBA		PUERTO RICO	
		REVISIONS	
NO.	DESCRIPTION	DATE	
A	ISSUED FOR BID	05/16/24	
B	100% CD	10/02/24	

DATE ISSUED: 08/05/22
REVIEWED BY: LMR
DRAWN BY: AMC
DESIGNED BY: LMR
BRA PROJECT NUMBER: 22010

VERTEX DATA
LAYOUT PLAN

SHEET ID

C202



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LINE-3 VERTEX DATA										
LABEL	VERTEX	DIST.	A	R	T	E	L	COORDINATES N	COORDINATES E	BEARING
L38	STA. 1+00.00	26.29						247,892.2190	283,040.3904	S87°28'47"W
	STA. 1+26.29							247,891.0628	283,014.1213	
L39	STA. 1+26.29	3.84						247,891.0628	283,014.1213	N2°28'26"E
	STA. 1+30.14							247,894.9026	283,014.2872	
L40	STA. 1+30.14	26.20						247,894.9026	283,014.2872	S87°29'59"E
	STA. 1+56.33							247,893.7598	283,040.4577	
L41	STA. 1+56.33	1.54						247,893.7598	283,040.4577	S2°30'01"W
	STA. 1+57.88							247,892.2190	283,040.3904	

LINE-4 VERTEX DATA										
LABEL	VERTEX	DIST.	A	R	T	E	L	COORDINATES N	COORDINATES E	BEARING
L42	STA. 1+00.00	22.36						247,890.9282	283,011.0646	S87°27'52"W
	STA. 1+22.36							247,889.9389	282,988.7222	
L43	STA. 1+22.36	5.59						247,889.9389	282,988.7222	S87°32'26"W
	STA. 1+27.95							247,889.6990	282,983.1369	
L44	STA. 1+27.95	6.56						247,889.6990	282,983.1369	N2°30'03"E
	STA. 1+34.51							247,896.2511	282,983.4231	
L45	STA. 1+34.51	5.57						247,896.2511	282,983.4231	S87°29'36"E
	STA. 1+40.08							247,896.0075	282,988.9873	
L46	STA. 1+40.08	7.84						247,896.0075	282,988.9873	S87°29'57"E
	STA. 1+47.93							247,895.6653	282,996.8225	
L47	STA. 1+47.93	9.67						247,895.6653	282,996.8225	S87°29'59"E
	STA. 1+57.60							247,895.2434	283,006.4846	
L48	STA. 1+57.60	4.76						247,895.2434	283,006.4846	S87°29'55"E
	STA. 1+62.36							247,895.0356	283,011.2421	
L49	STA. 1+62.36	4.11						247,895.0356	283,011.2421	S2°28'26"W
	STA. 1+66.47							247,890.9282	283,011.0646	

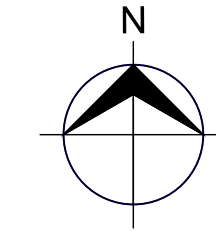
LINE-5 VERTEX DATA										
LABEL	VERTEX	DIST.	A	R	T	E	L	COORDINATES N	COORDINATES E	BEARING
L82	STA. 1+00.00	0.19						247,945.0128	282,967.2187	N1°21'55"W
	STA. 1+00.19							247,945.2008	282,967.2142	
L83	STA. 1+00.19	15.29						247,945.2008	282,967.2142	S87°29'56"E
	STA. 1+15.48							247,944.5336	282,982.4872	
L84	STA. 1+15.48	5.50						247,944.5336	282,982.4872	S87°30'09"E
	STA. 1+20.98							247,944.2938	282,987.9862	
L50	STA. 1+20.98	2.92						247,944.2938	282,987.9862	S2°29'49"W
	STA. 1+23.90							247,941.3797	282,987.8591	
L51	STA. 1+23.90	3.05						247,941.3797	282,987.8591	S87°29'32"E
	STA. 1+26.94							247,941.2463	282,990.9042	
L52	STA. 1+26.94	0.61						247,941.2463	282,990.9042	S2°30'01"W
	STA. 1+27.55							247,940.6373	282,990.8776	
L53	STA. 1+27.55	22.14						247,940.6373	282,990.8776	S87°30'03"E
	STA. 1+49.70							247,939.6717	283,013.0009	
L54	STA. 1+49.70	0.61						247,939.6717	283,013.0009	N2°29'28"E
	STA. 1+50.31							247,940.2779	283,013.0273	
L55	STA. 1+50.31	3.22						247,940.2779	283,013.0273	S87°32'32"E
	STA. 1+53.53							247,940.1396	283,016.2493	
L56	STA. 1+53.53	0.61						247,940.1396	283,016.2493	S2°30'01"W
	STA. 1+54.14							247,939.5306	283,016.2227	
L57	STA. 1+54.14	5.79						247,939.5306	283,016.2227	S87°29'37"E
	STA. 1+59.93							247,939.2774	283,022.0062	
L58	STA. 1+59.93	0.61						247,939.2774	283,022.0062	N2°30'01"E
	STA. 1+60.54							247,939.8864	283,022.0328	
L59	STA. 1+60.54	6.10						247,939.8864	283,022.0328	S87°30'19"E
	STA. 1+66.64							247,939.6211	283,028.1234	
L60	STA. 1+66.64	1.52						247,939.6211	283,028.1234	S2°30'01"W
	STA. 1+68.16							247,938.0992	283,028.0569	
L61	STA. 1+68.16	2.44						247,938.0992	283,028.0569	S87°29'59"E
	STA. 1+70.60							247,937.9928	283,030.4930	
L62	STA. 1+70.60	1.52						247,937.9928	283,030.4930	N2°30'01"E
	STA. 1+72.12							247,939.5147	283,030.5594	
L63	STA. 1+72.12	6.10						247,939.5147	283,030.5594	S87°29'59"E
	STA. 1+78.22							247,939.2488	283,036.6496	
L64	STA. 1+78.22	0.61						247,939.2488	283,036.6496	S2°30'00"W
	STA. 1+78.83							247,938.6398	283,036.6230	
L65	STA. 1+78.83	5.79						247,938.6398	283,036.6230	S87°29'59"E
	STA. 1+84.61							247,938.3872	283,042.4064	
L66	STA. 1+84.61	5.89						247,938.3872	283,042.4064	S2°30'01"W
	STA. 1+90.51							247,932.5014	283,042.1494	

LINE—6 VERTEX DATA										
LABEL	VERTEX	DIST.	A	R	T	E	L	COORDINATES N	COORDINATES E	BEARING
C16	PC STA. 1+00.00		77°15'16"	3.50	2.80	0.98	4.72	247,952.0576	283,049.1961	
	PI VERTEX							247,949.3610	283,048.4546	
	PT STA. 1+04.72							247,949.4893	283,045.6608	
L85	STA. 1+04.72	29.00						247,949.4893	283,045.6608	N87°20'36"W
	STA. 1+33.71							247,950.8333	283,016.6964	
C17	PC STA. 1+33.71		29°50'25"	1.50	0.40	0.05	0.78	247,950.8333	283,016.6964	
	PI VERTEX							247,950.8519	283,016.2972	
	PT STA. 1+34.50							247,951.0666	283,015.9601	
L86	STA. 1+34.50	1.14						247,951.0666	283,015.9601	N57°29'59"W
	STA. 1+35.64							247,951.6798	283,014.9977	

LINE-5 VERTEX DATA										
LABEL	VERTEX	DIST.	A	R	T	E	L	COORDINATES N	COORDINATES E	BEARING
L67	STA. 1+90.51	2.85						247,932.5014	283,042.1494	S2°36'57"W
	STA. 1+93.35							247,929.6581	283,042.0195	
L68	STA. 1+93.35	10.62						247,929.6581	283,042.0195	S2°28'26"W
	STA. 2+03.97							247,919.0508	283,041.5612	
L69	STA. 2+03.97	3.65						247,919.0508	283,041.5612	S2°29'13"W
	STA. 2+07.62							247,915.4040	283,041.4028	
L70	STA. 2+07.62	10.62						247,915.4040	283,041.4028	S2°30'01"W
	STA. 2+18.24							247,904.7969	283,040.9397	
L71	STA. 2+18.24	3.05						247,904.7969	283,040.9397	S2°30'01"W
	STA. 2+21.29							247,901.7488	283,040.8066	
L72	STA. 2+21.29	5.33						247,901.7488	283,040.8066	S2°30'01"W
	STA. 2+26.62							247,896.4199	283,040.5739	
L73	STA. 2+26.62	26.20						247,896.4199	283,040.5739	N87°29'59"W
	STA. 2+52.82							247,897.5627	283,014.4021	
L74	STA. 2+52.82	0.61						247,897.5627	283,014.4021	S2°28'26"W
	STA. 2+53.43							247,896.9537	283,014.3758	
L75	STA. 2+53.43	3.05						247,896.9537	283,014.3758	N87°29'58"W
	STA. 2+56.48							247,897.0867	283,011.3304	
L76	STA. 2+56.48	0.61						247,897.0867	283,011.3304	N2°30'01"E
	STA. 2+57.09							247,897.6951	283,011.3570	
L77	STA. 2+57.09	27.84						247,897.6951	283,011.3570	N87°29'55"W
	STA. 2+84.93							247,898.9104	282,983.5391	
L78	STA. 2+84.93	0.61						247,898.9104	282,983.5391	S2°30'05"W
	STA. 2+85.54							247,898.3014	282,983.5125	
L79	STA. 2+85.54	3.05						247,898.3014	282,983.5125	N87°29'59"W
	STA. 2+88.59							247,898.4343	282,980.4674	
L80	STA. 2+88.59	8.88						247,898.4343	282,980.4674	S2°30'01"W
	STA. 2+97.47							247,889.5645	282,980.0801	
L81	STA. 2+97.47	4.44						247,889.5645	282,980.0801	S87°28'47"W
	STA. 3+01.91							247,889.3692	282,975.6427	

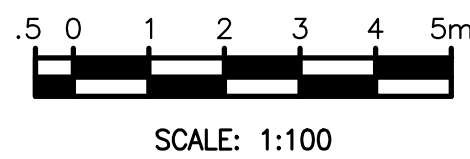
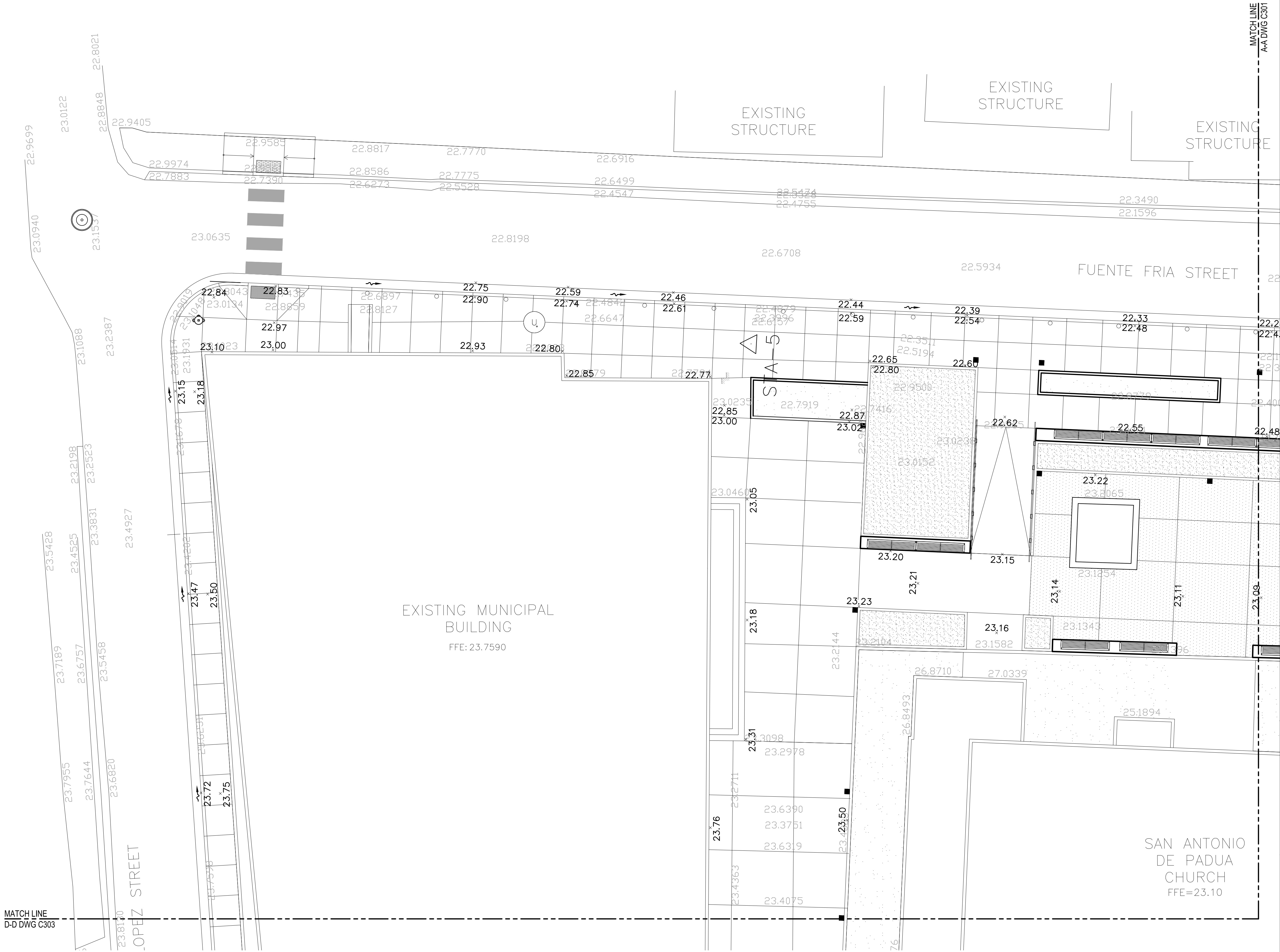
LINE-2 VERTEX DATA										
LABEL	VERTEX	DIST.	A	R	T	E	L	COORDINATES N	COORDINATES E	BEARING
L23	STA. 1+00.00 STA. 1+02.23	2.23						247,876.4816 247,878.7109	283,044.9725 283,045.1291	N4°01'03"E
C10	PC STA. 1+02.23 PI VERTEX PT STA. 1+12.50		96°32'16"	6.09	6.83	3.06	10.26	247,878.7109 247,885.5219 247,885.2217	283,045.1291 283,045.6075 283,038.7863	
L24	STA. 1+12.50 STA. 1+38.64	26.15						247,885.2217 247,884.0719	283,038.7863 283,012.6636	S87°28'47"W
L25	STA. 1+38.64 STA. 1+41.71	3.07						247,884.0719 247,883.9371	283,012.6636 283,009.5999	S87°28'47"W
L26	STA. 1+41.71 STA. 1+41.83	0.12						247,883.9371 247,883.9320	283,009.5999 283,009.4844	S87°28'47"W
C11	PC STA. 1+41.83 PI VERTEX PT STA. 1+44.05		42°29'21"	3.00	1.17	0.22	2.22	247,883.9320 247,883.8807 247,883.0559	283,009.4844 283,008.3192 283,007.4946	
L27	STA. 1+44.05 STA. 1+46.50	2.45						247,883.0559 247,881.3259	283,007.4946 283,005.7652	S44°59'27"W
L28	STA. 1+46.50 STA. 1+65.72	19.23						247,881.3259 247,880.4805	283,005.7652 282,986.5563	S87°28'47"W
L29	STA. 1+65.72 STA. 1+68.17	2.45						247,880.4805 247,882.0518	282,986.5563 282,984.6816	N50°01'52"W
C12	PC STA. 1+68.17 PI VERTEX PT STA. 1+70.40		42°29'19"	3.00	1.17	0.22	2.22	247,882.0518 247,882.8010 247,882.7497	282,984.6816 282,983.7878 282,982.6226	
L30	STA. 1+70.40 STA. 1+70.51	0.12						247,882.7497 247,882.7444	282,982.6226 282,982.5036	S87°28'47"W
L31	STA. 1+70.51 STA. 1+73.56	3.04						247,882.7444 247,882.6104	282,982.5036 282,979.4622	S87°28'34"W
C13	PC STA. 1+73.56 PI VERTEX PT STA. 1+75.75		41°50'28"	3.00	1.15	0.21	2.19	247,882.6104 247,882.5470 247,881.7359	282,979.4622 282,978.3171 282,977.5063	
L32	STA. 1+75.75 STA. 1+78.20	2.45						247,881.7359 247,880.0060	282,977.5063 282,975.7769	S44°59'27"W
L33	STA. 1+78.20 STA. 1+91.32	13.13						247,880.0060 247,879.4288	282,975.7769 282,962.6621	S87°28'47"W
L34	STA. 1+91.32 STA. 1+93.77	2.45						247,879.4288 247,881.0001	282,962.6621 282,960.7874	N50°01'52"W
C14	PC STA. 1+93.77 PI VERTEX PT STA. 1+95.96		41°51'07"	3.00	1.15	0.21	2.19	247,881.0001 247,881.7370 247,881.6993	282,960.7874 282,959.9083 282,958.7617	
L35	STA. 1+95.96 STA. 1+99.00	3.04						247,881.6993 247,881.5656	282,958.7617 282,955.7215	S87°29'00"W
L36	STA. 1+99.00 STA. 2+00.04	1.04						247,881.5656 247,881.5201	282,955.7215 282,954.6873	S87°28'47"W
C15	PC STA. 2+00.04 PI VERTEX PT STA. 2+04.51		85°17'45"	3.00	2.76	1.08	4.47	247,881.5201 247,881.3986 247,878.6374	282,954.6873 282,951.9267 282,951.8214	
L37	STA. 2+04.51 STA. 2+08.67	4.16						247,878.6374 247,874.4800	282,951.8214 282,951.6629	S21°1'02"W

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			CONSULTANT
			SEAL
YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTiendo QUE DICHO(S) PLANO(S) 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 CERTIFICADO. ADICIONALMENTE, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DEL 6 DE ENERO DE 2004, SEGUN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUENA Y CON LA LEY NUM. 310 DEL 15 DE MAYO DE 1998, SEGUN ENMIENDADA, LEY NUM. 96 DEL 6 DE JULIO DE 1978, SEGUN ENMIENDADA; SEGUN APRUQUE RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACIONES 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 DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGRF.			
PROJECT INFORMATION			
PR-CRP-000968 REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA			
CEIBA		PUERTO RICO	
REVISONS			
NO.	DESCRIPTION	DATE	
A	ISSUED FOR BID	05/16/24	
B	100% CD	10/02/24	
4	ISSUE FOR PRHTA	06/29/23	
DATE ISSUED:		08/05/22	
REVIEWED BY:		LMR	
DRAWN BY:		AMC	
DESIGNED BY:		LMR	
BRA PROJECT NUMBER:		222011	
		SHEET TOTAL	



GRADING PLAN
SCALE: 1:100

MATCH LINE
D-D DWG C303



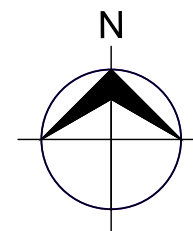
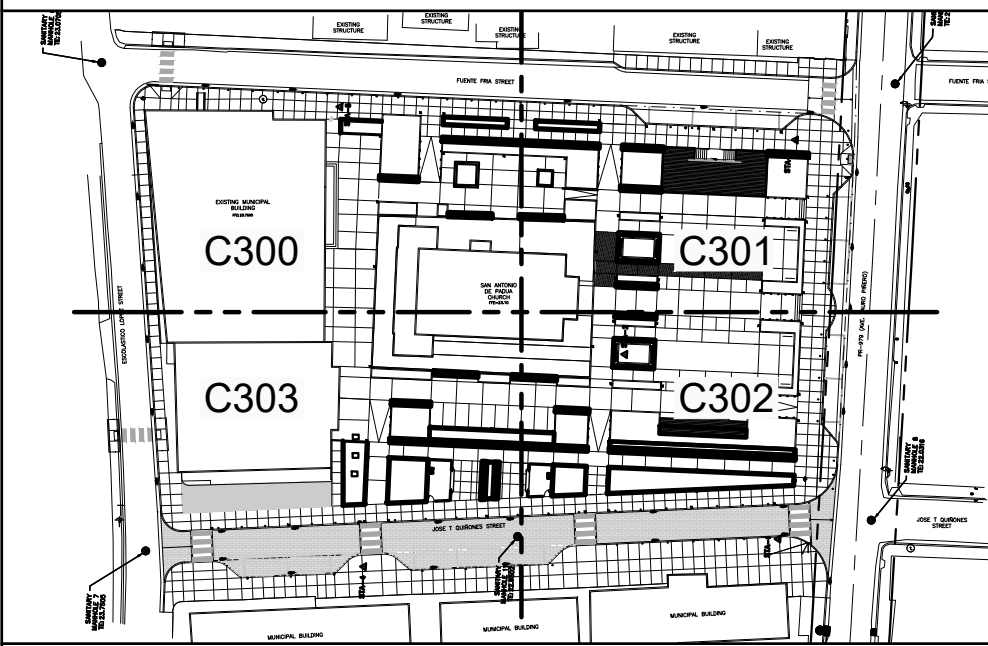
SCALE: 1:100

LEGEND:

- PROPERTY LIMIT
- - - SWALE
- 23.2104 EXISTING SPOT ELEVATION
- 12.2 PROPOSED SPOT ELEVATION
- ~ FLOW DIRECTION

NOTE:

- ALL DIMENSIONS AND ELEVATIONS ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.



KEY PLAN
SCALE: N.T.S.



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SEAL

YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTENDIENDO QUE DICHO 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, REGLAMENTARIAS O CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DEL 8 DE ENERO DE 2004, SEGUN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUENA Y CON LA LEY NUM. 319 DEL 15 DE MAYO DE 1988, SEGUN ENMIENDADA; LEY NUM. 96 DEL 6 DE JULIO DE 1978, SEGUN ENMIENDADA; SEGUN APLICUEN, RECONOZCO QUE CUALQUIER DECLARACION FALSA, FALSIFICACIONES 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 CONDOMINIO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA DOPF.

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	ISSUED FOR BID	05/16/24
B	100% CD	10/02/24

DATE ISSUED: 08/05/22

REVIEWED BY: LMR

DRAWN BY: AMC

DESIGNED BY: LMR

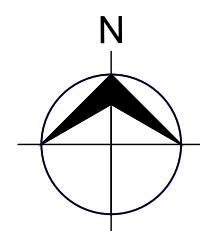
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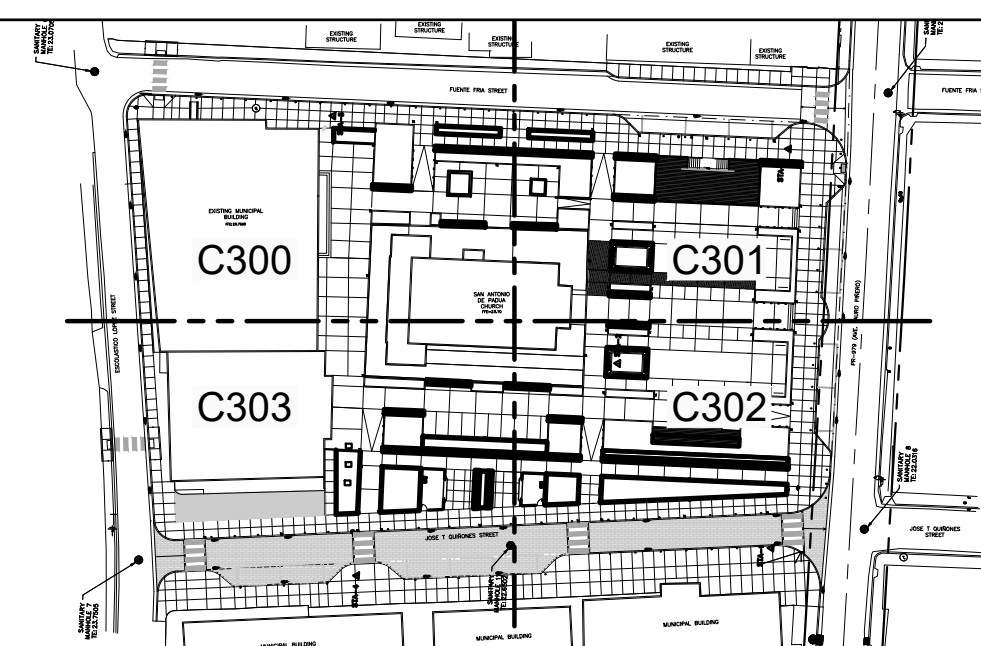
GRADING AND
DRAINAGE PLAN

SHEET ID

C300



C303



SHEET ID

[illegible]

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

[illegible]

DATE ISSUED:	08/05/22
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REVIEWED BY: LMR

DRAWN BY: AMC

DESIGNED BY: LMB

BBA PROJECT NUMBER: 22010

SHEET TITLE



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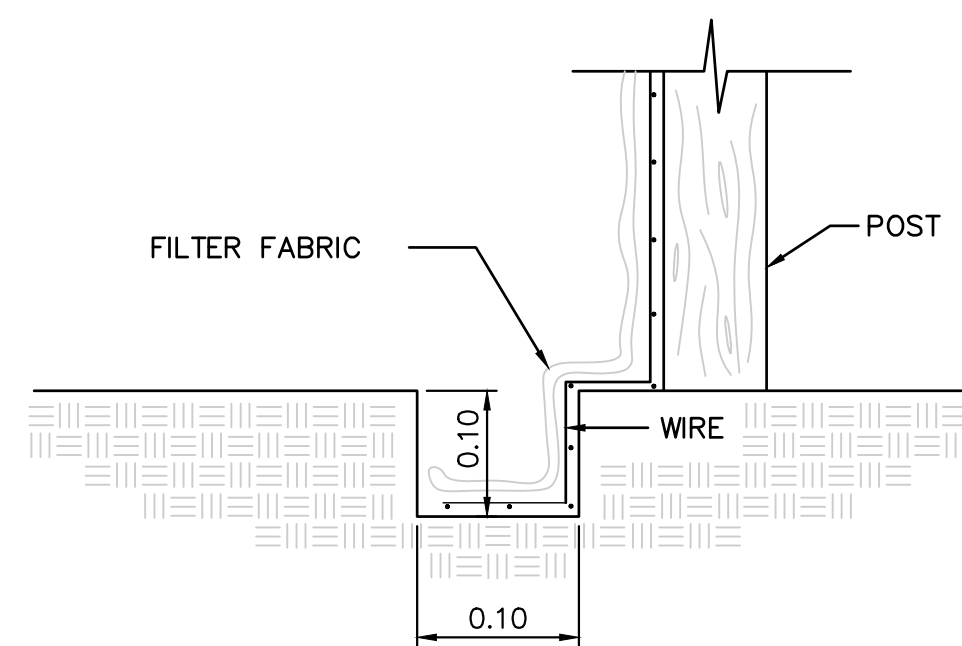
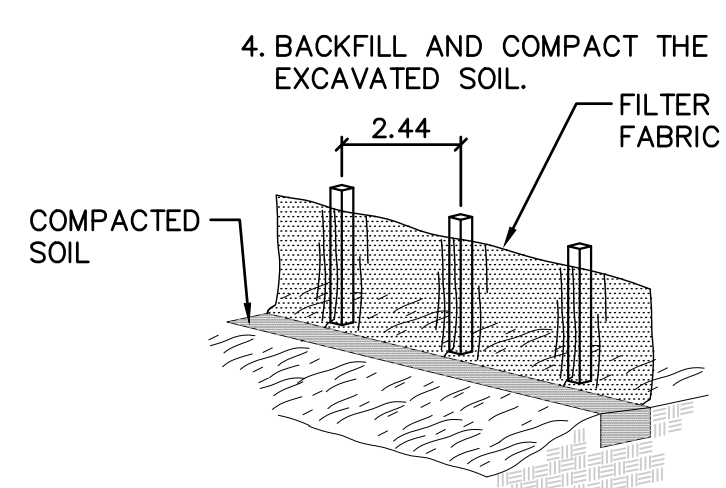
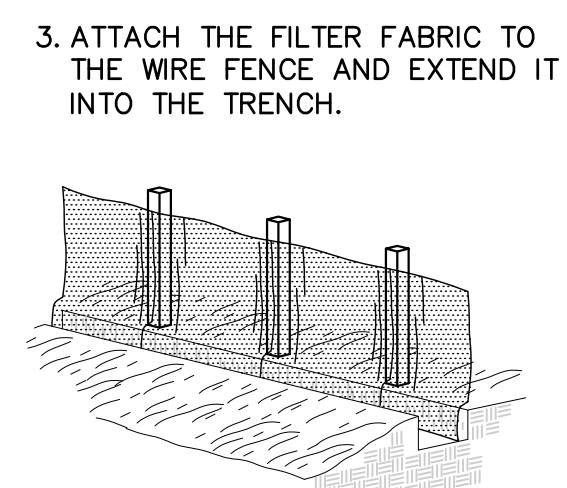
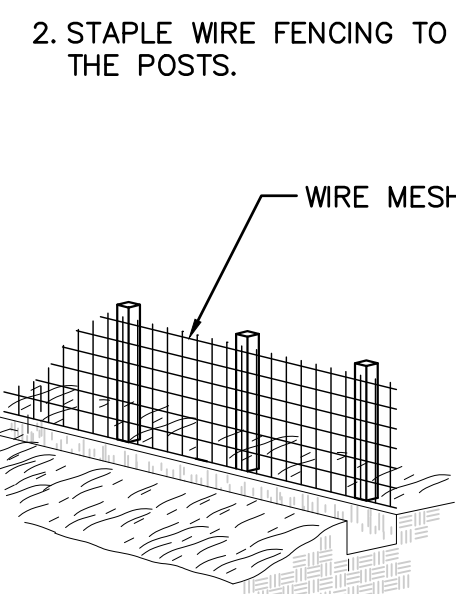
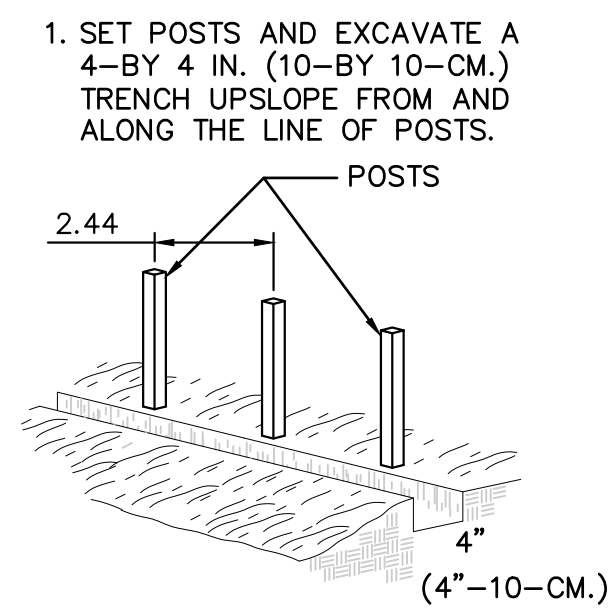


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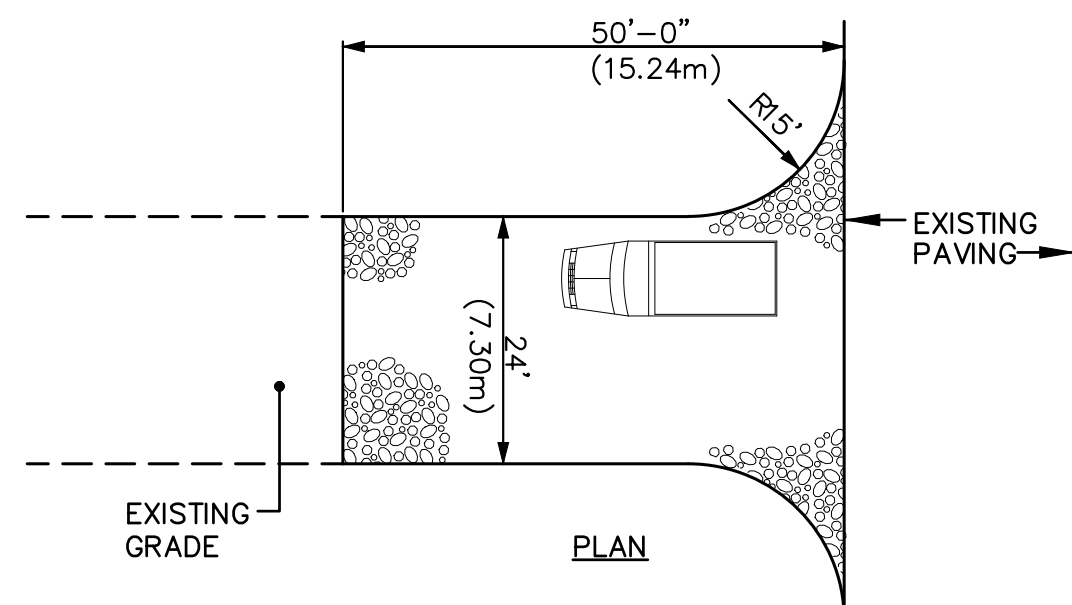
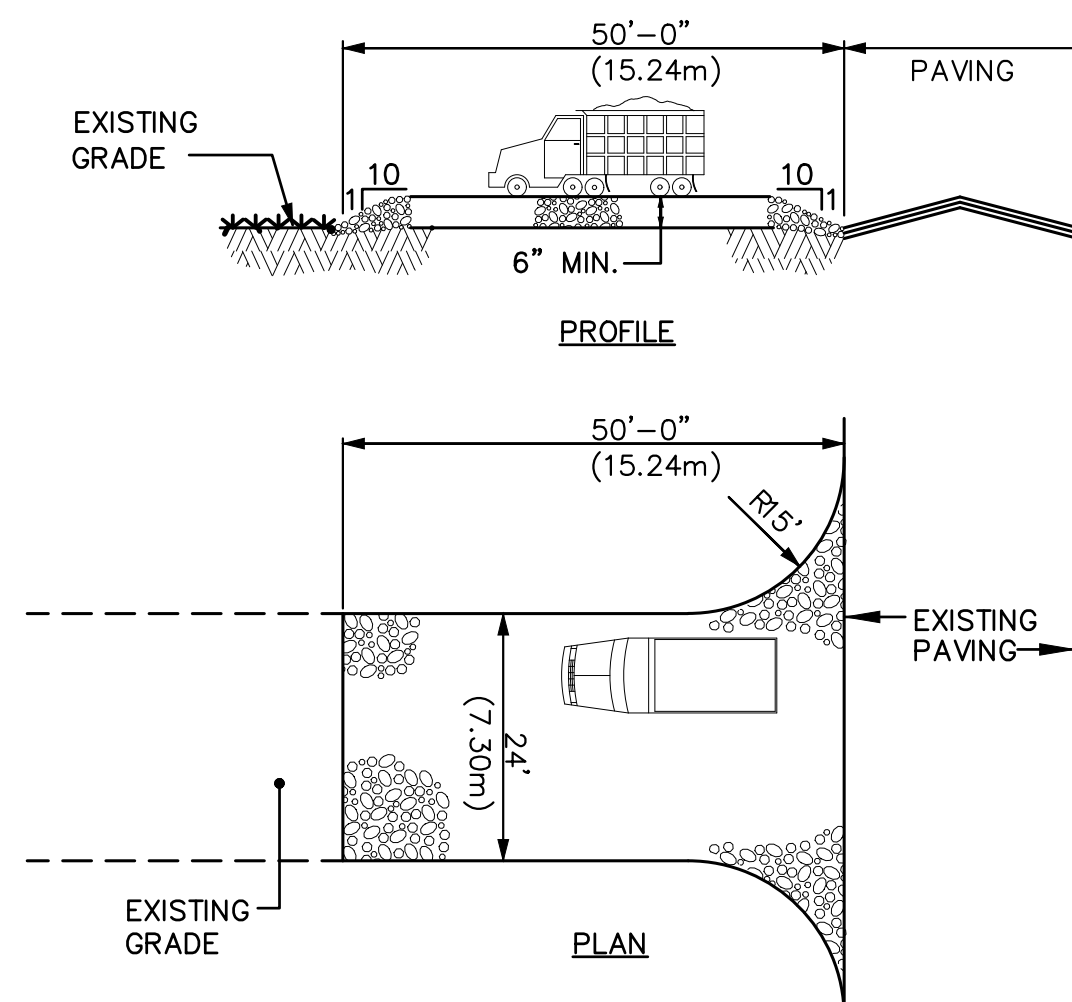
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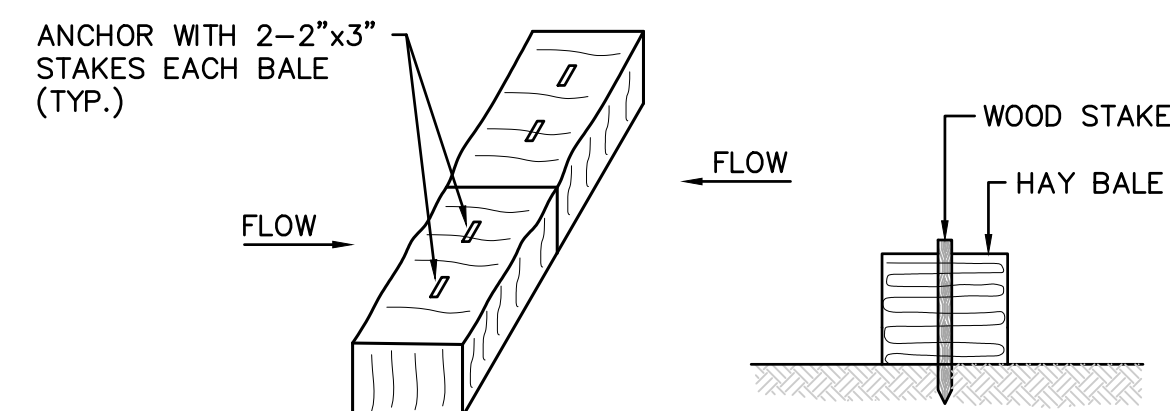
1. FOR LEGEND AND NOTES SEE DWG. C300.



SILT FENCE CONSTRUCTION DETAIL
SCALE: NTS



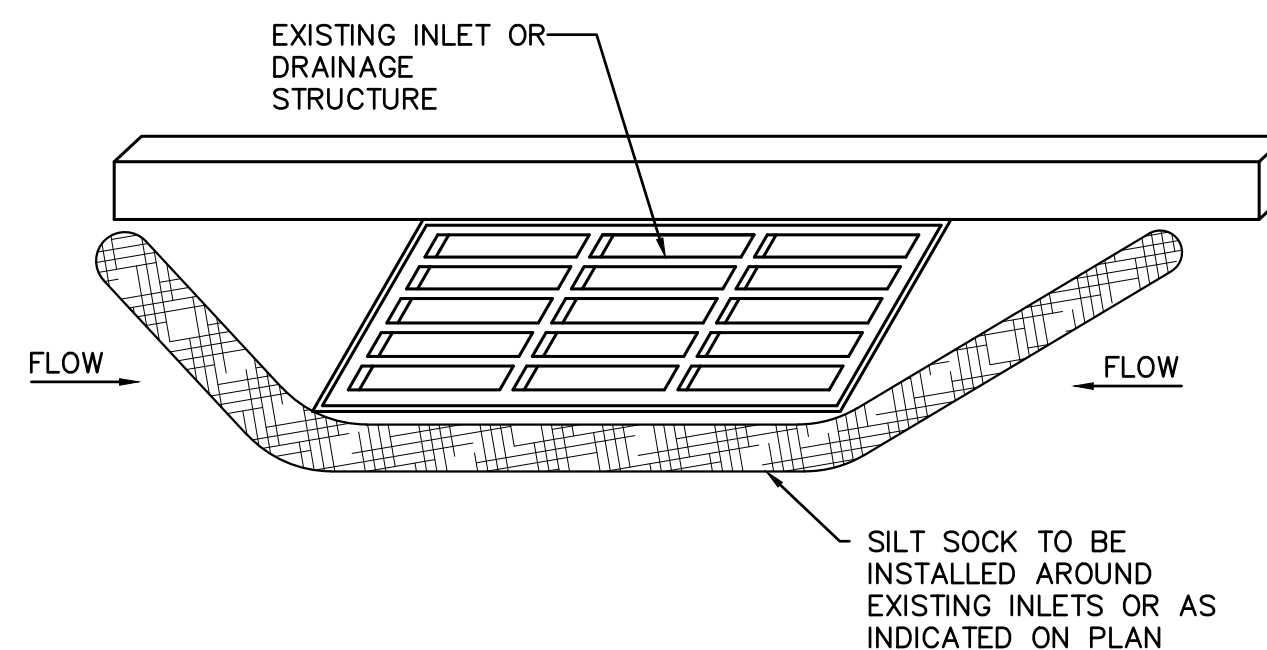
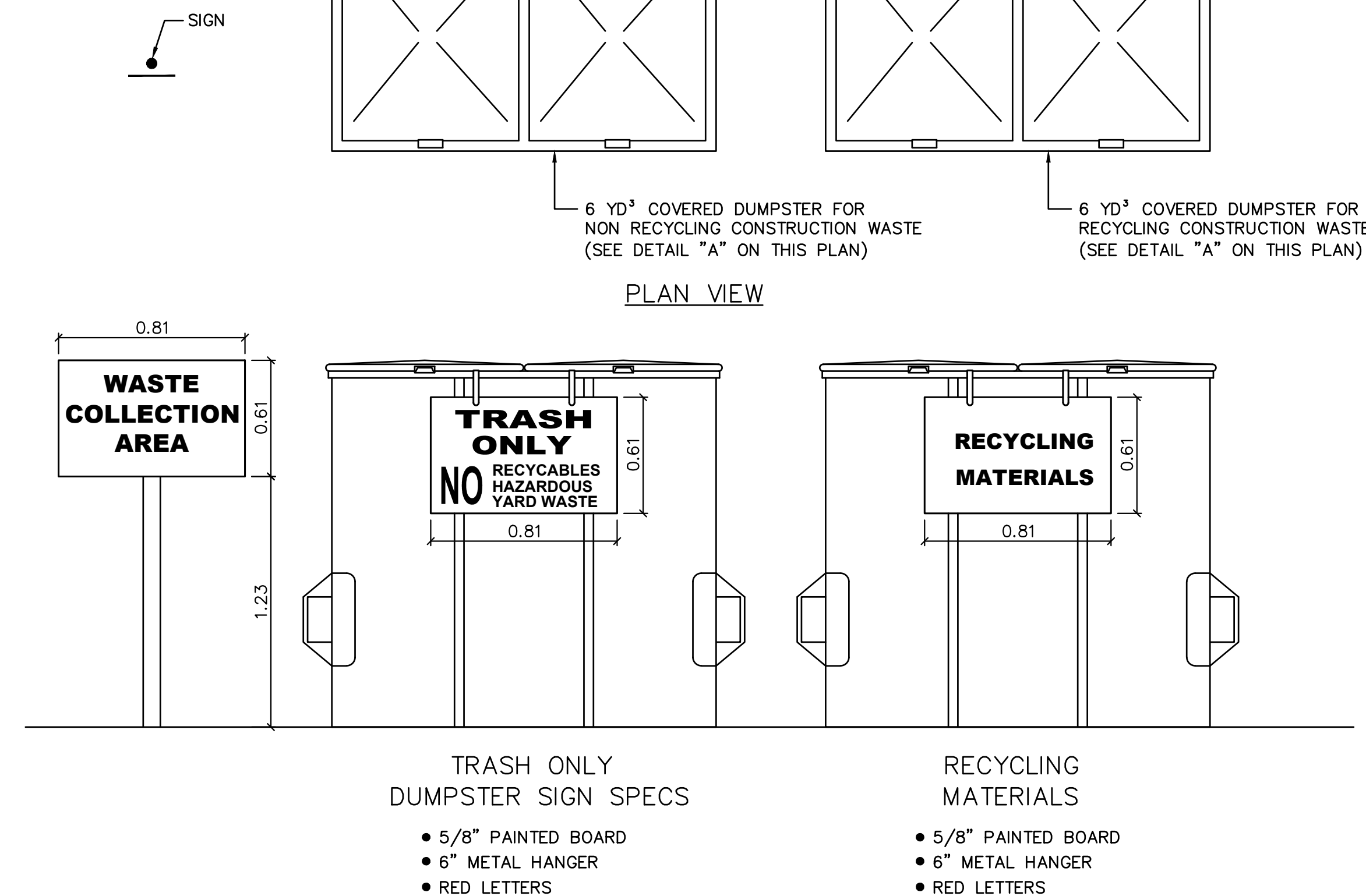
SILT FENCE INSTALLATION DETAILS
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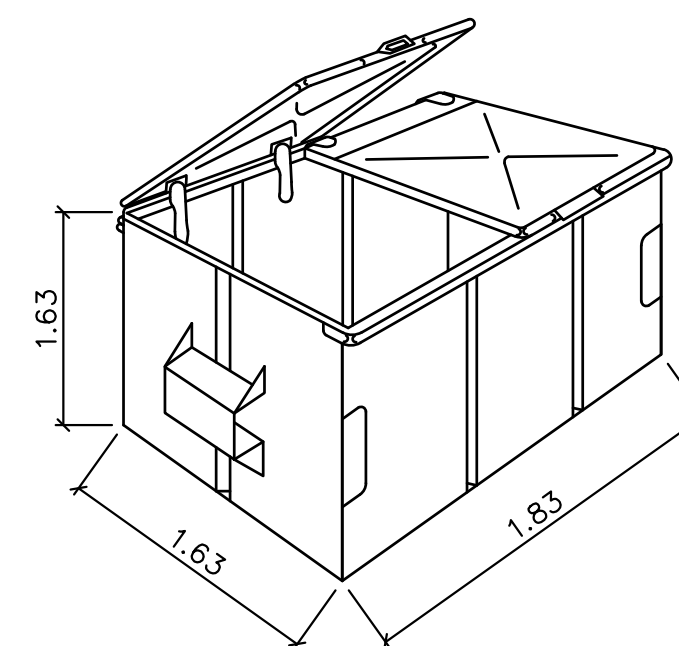
HAY BALE INSTALLATION



PROJECT SIGN DETAILS
SCALE: NTS



INLET PROTECTION DETAIL
SCALE: NTS



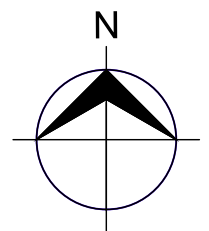
DUMPSTER AND RECYCLING AREA DETAILS
SCALE: NTS

- ## CES PLAN NOTES

1. THE CONTRACTOR SHALL PROTECT ALL CATCH BASINS, SWALES AND CHANNELS NEAR THE PROJECT AREA THAT COULD BE POTENTIALLY IMPACTED, PRIOR TO START ANY EXCAVATION. ALL MEASURES CAN BE REMOVED WHEN THE LOCAL CONSTRUCTION BE COMPLETED.
2. CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES IN THE PROJECT AREAS THAT COULD BE POTENTIALLY IMPACTED PRIOR TO START ANY CONSTRUCTION ACTIVITIES IN THAT AREA. THE CONTRACTOR COULD REMOVE THE CONTROL MEASURES WHEN THE AREA IS FULLY STABILIZED AS DETERMINED BY THE CES PLAN INSPECTOR.
3. CONTRACTOR SHALL INSPECT SEDIMENT BARRIERS AFTER EACH RAIN EVENT.REPAIRS SHALL BE DONE AS SOON AS POSSIBLE.SEDIMENT SHALL BE REMOVED FROM THE BARRIERS WHEN THEY REACH HALF THE HEIGHT OF THE BARRIER.
4. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE STABILIZED CONSTRUCTION ENTRANCE AS DETAILED ON THIS PLAN.
5. THE CONTRACTOR SHALL MAINTAIN A WATER TANK TRUCK TO SPRAY IT AROUND THE WORKING AREAS WHEN NEEDED OR WHEN THE PROJECT INSPECTOR REQUIRES IT. A WATER HOSE WILL BE INSTALLED NEAR STABILIZED CONSTRUCTION ENTRANCE TO WASH THE CONSTRUCTION VEHICLES WHEELS.
6. THE CONTRACTOR SHALL STRICTLY FOLLOW THE GUIDELINES STATED AT THE CES PLAN APPROVED BY THE ENVIRONMENTAL QUALITY BOARD.
7. THE CONTRACTOR SHALL DISPOSE ALL WASTE MATERIALS AT AN APPROVED LANDFILL.
8. THE CONTRACTOR SHALL RESTORE PAVED AREAS AND RE-SEED GRASS AREAS AS SOON AS POSSIBLE OR AS INSTRUCTED BY THE PROJECT INSPECTOR.
9. ANY MODIFICATION PROPOSAL TO THE CES PLAN SHALL BE CONSULTED WITH THE DESIGNER IN ORDER TO AMEND THE APPROVED PLAN.
10. A SIGN SHALL BE INSTALLED AT EACH PROJECT ENTRANCE AS PER CONSOLIDATED GENERAL PERMIT CONDITION NUMBER 2.
11. CONTRACTOR CAN CHOOSE TO INSTALL DIFFERENT METHODS TO ACHIEVE THE REQUIRED PERFORMANCE.



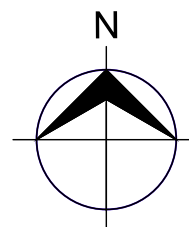
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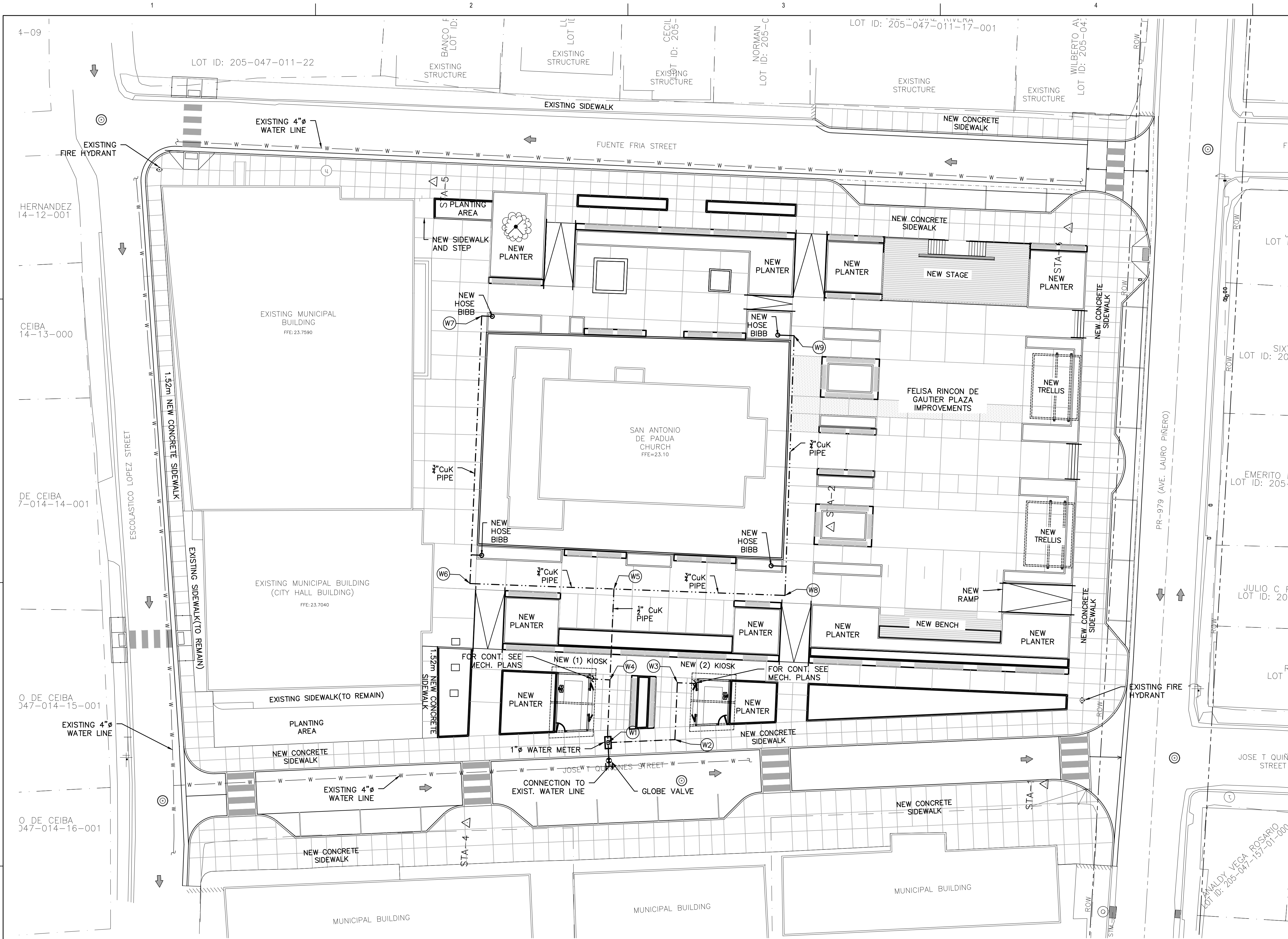
SCALE: 1:200

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		CONSULTANT
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CONSULTANT		
SEAL		
U. LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICADO QUE SOY EL PROFESIONAL QUE CONECTECONO Y/O DISEÑO Y/O PREPARO DICHOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICADO QUE ENTENDIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LAS AGENCIAS, ENTES REGULAMENTARIOS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN, CERTIFICO, ADICIONALMENTE, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 310 DEL 15 DE MAYO DE 1988, SEGÚN ENMIENDADA, LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, SEGÚN APLÚDASE RECONOCIMIENTO DE LOS HECHOS QUE SE HAYA PRODUCIDO POR RECONOCIMIENTO O POR NEGUENCIA YA SEA POR MÍ, MIS GENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, MI HACIEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OSGE.		
PROJECT INFORMATION		
PR-CRP-000968 REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA		
CEIBA		PUERTO RICO
REVISIONS		
NO.	DESCRIPTION	DATE
A	ISSUED FOR BID	05/16/74
B	100% CD	10/02/74
DATE ISSUED:		08/05/22
REVIEWED BY:		LMR
DRAWN BY:		LMR
DESIGNED BY:		LMR
SRA PROJECT NUMBER:		22010
SHEET TITLE		
SANITARY SEWER SYSTEM PLAZA		
SHEET ID		
C500		

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POTABLE WATER SYSTEM PLAN
SCALE: 1:200



LEGEND:

- W EXISTING WATER LINE
- NEW 1/2" CuK WATER LINE
- NEW 3/4" CuK WATER LINE
- PROPERTY LIMIT
- NEW GLOBE VALVE
- WATER METER BOX (DIAMETER AS SPECIFIED ON PLAN) (SEE DETAILS ON DWG. C640)
- EXISTING FIRE HYDRANT
- EXISTING WATER METER

NOTES:

- ALL DIMENSIONS AND ELEVATIONS ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
- LOCATION OF EXISTING UTILITIES IS APPROXIMATED. CONTRACTOR SHALL VERIFY THE EXACT LOCATION WATER, SANITARY SEWER AND OTHER UTILITIES WITHIN THE PROJECT AREA PRIOR TO COMMENCE THE DEMOLITION WORKS.
- FOR WATER SYSTEM DETAILS REFER TO DWG. C640.
- REFER TO MECHANICAL DWGS. FOR KIOSK CONNECTION DETAILS.

POTABLE WATER LINE TABLE OF COORDINATES		
NODE ID	X	Y
W1	282994.1223	247888.9313
W2	283000.8614	247894.9585
W3	283001.1114	247894.9585
W4	282994.3145	247895.2430
W5	282994.7148	247904.4071
W6	282980.1979	247904.9561
W7	282981.3839	247931.9265
W8	283011.9595	247903.7549
W9	283012.8805	247929.9401

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BR&A LLC
PROJECT MANAGEMENT • ENGINEERING • DESIGN

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CONSULTANT

SEAL

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

REVISIONS	
NO.	DESCRIPTION
A	ISSUED FOR BID
B	100% CD

DATE	DATE
05/16/24	10/02/24

DATE ISSUED: 08/05/22
REVIEWED BY: LMR
DRAWN BY: AMC
DESIGNED BY: LMR
BRA PROJECT NUMBER: 22010

SHEET TITLE

POTABLE WATER
SYSTEM PLAN

SHEET ID

AAA-RE-22-19-0003
OGPE 2022-462205-SRI-075893

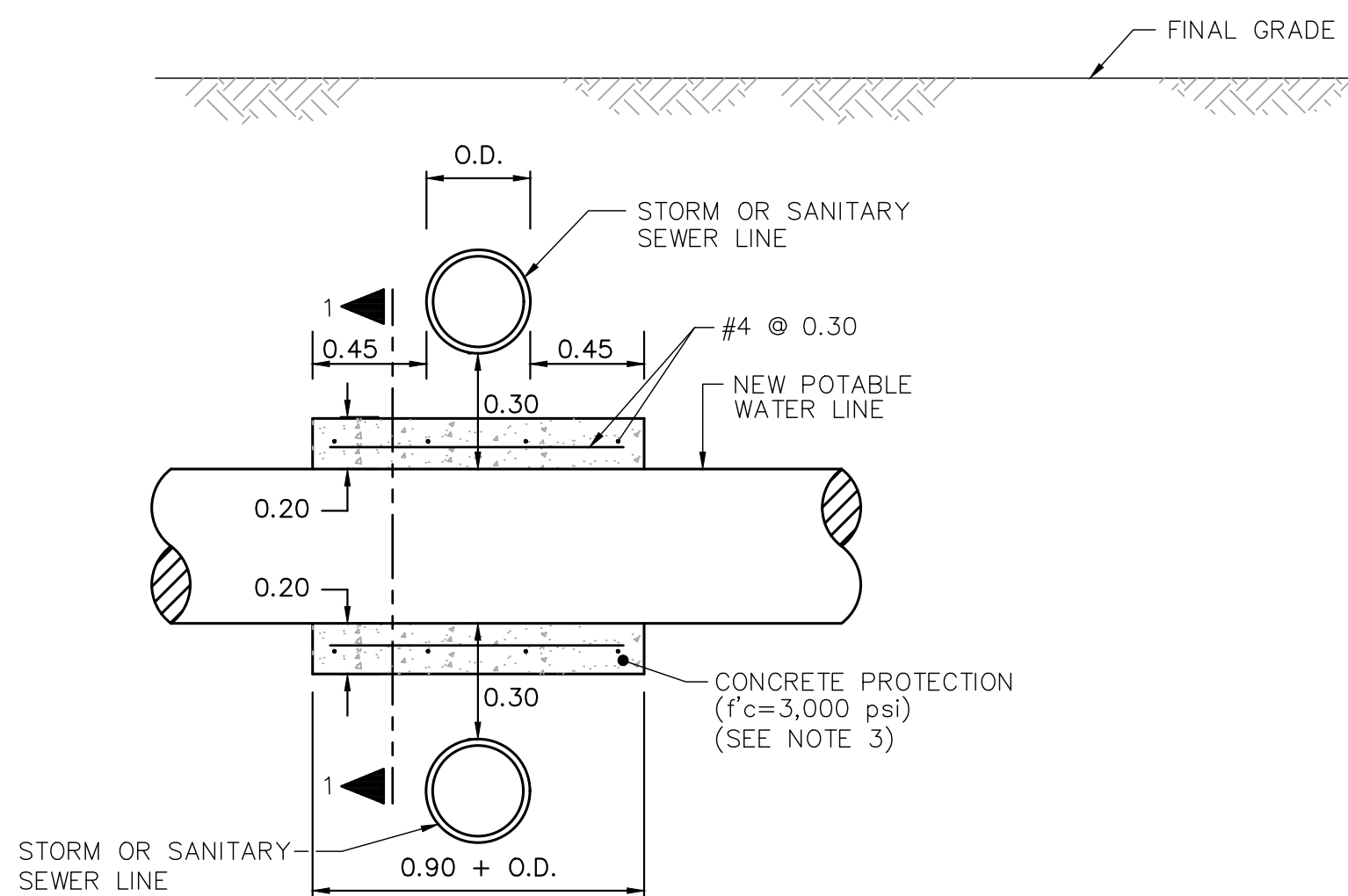
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C600

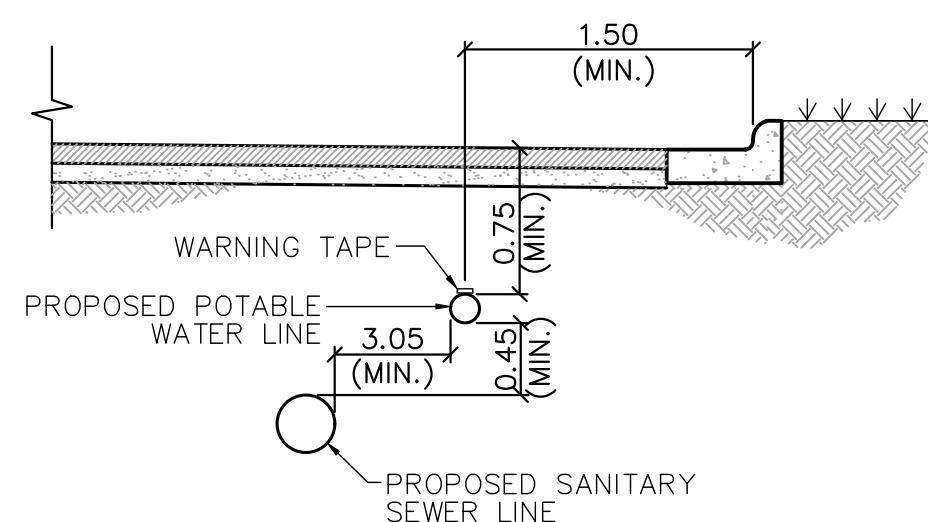
DETAIL A

— DETAIL A

GATE VALVE DETAIL
SCALE: NTS

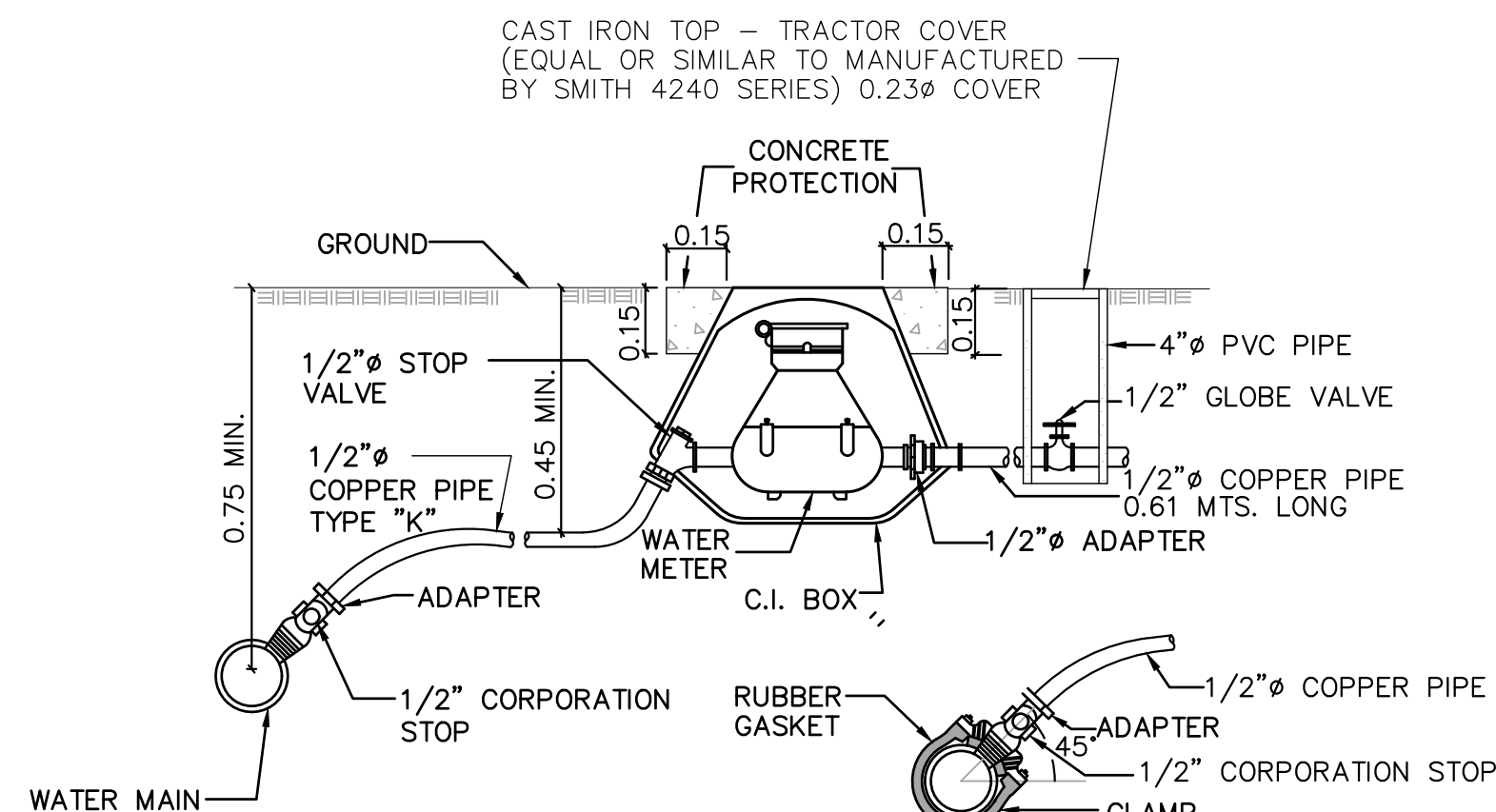


CONCRETE PROTECTION DETAIL (TYP.)
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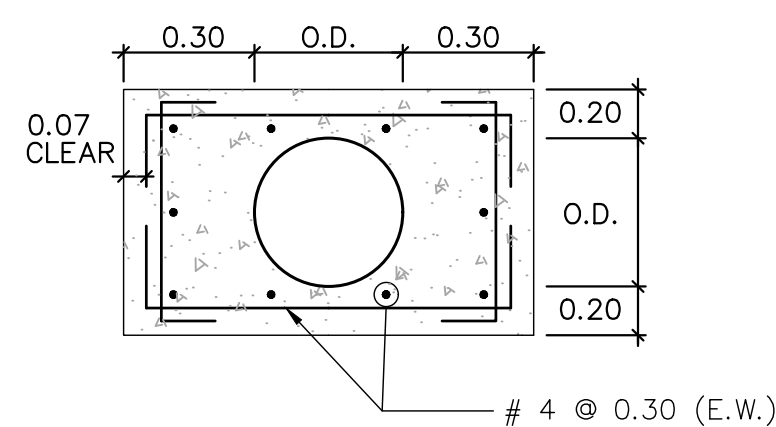


WATER INSTALLATION DETAIL

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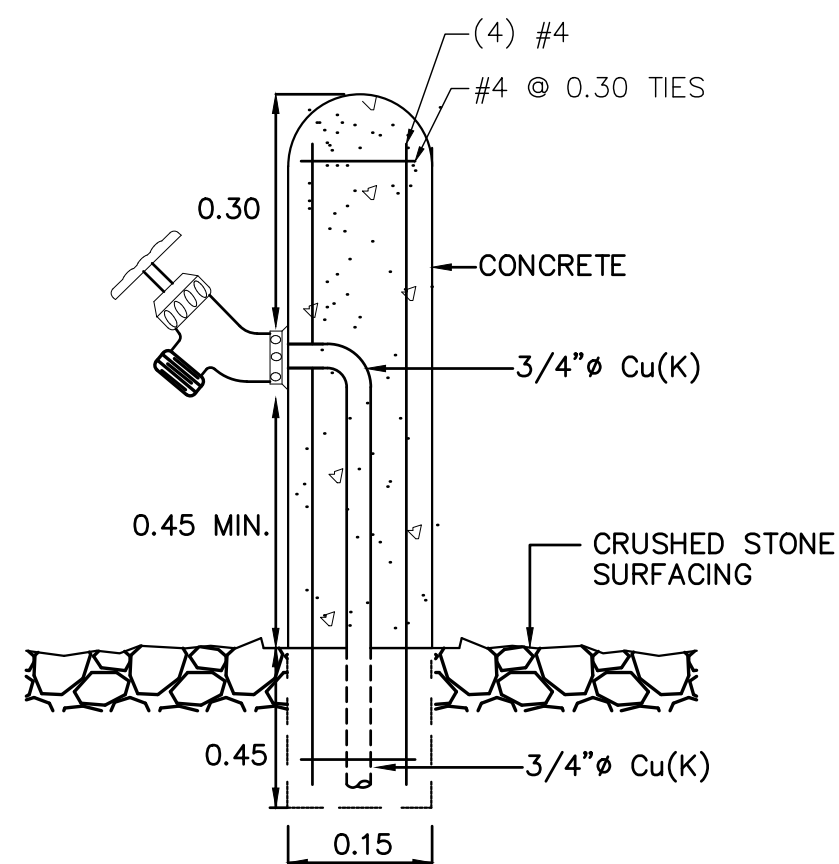
1/2" WATER METER CONNECTION DETAIL



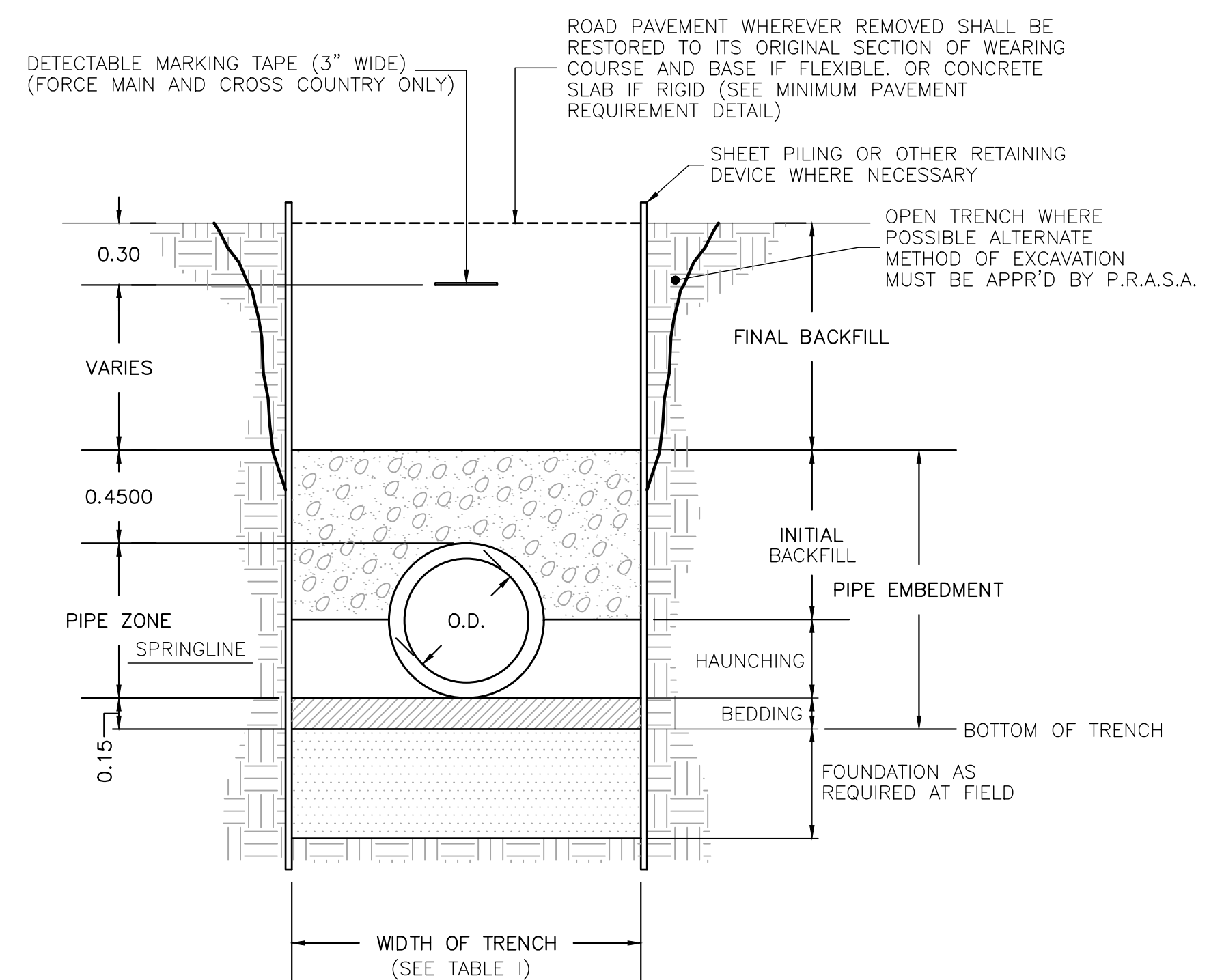
SECTION 1-1

NOTES:

- 1- COMPACT SUBGRADE AND PROVIDE BEDDING AS PER SPECIFICATIONS
- 2- WHEN POSSIBLE STORM SEWER LINES SHALL CROSS AT 0.30 VERTICAL DISTANCE FROM SANITARY SEWER LINES.
- 3- CONCRETE PROTECTION SHALL BE USED WHEN VERTICAL DISTANCE BETWEEN SANITARY FORCE LINE AND STORM SEWER LINE IS LESS THAN 0.45M
- 4- HORIZONTAL DISTANCE OF 3.05M SHALL BE MAINTAINED BETWEEN THE SANITARY AND POTABLE WATER PIPES.
- 5- ONE FULL LENGTH OF PIPE WITH JOINTS EQUIDISTANT FROM SEWER LINE.



HOSE BIBB DETAIL
SCALE: NTS



TRENCH DETAIL FOR P.V.C. PIPE
SCALE: NTS

TABLE 1 WIDTH OF TRENCH	
DIAMETER (INCHES)	*WIDTH OF TRENCH AT TOP OF PIPE (INCHES)
4" - 15"	O.D. + 24"

NOTE:

* WHENEVER MOVABLE SHEET PILING OR OTHER TRENCH PROTECTION IS USED BELOW THE TOP OF THE PIPE, THE CLEAR DISTANCE BETWEEN THE OUTSIDE FACE OF THE PIPE AND THE MOVABLE TRENCH SUPPORT SHALL BE NOT LESS THAN 2 1/2". OUTSIDE PIPE DIAMETER.

NOTES:

FOUNDATION AND BEDDING:

1. MATERIALS AS CLASSIFIED BY USCS AS PER ASTM D-2487 SOILS CLASS "B" (OR A.A.S.H.T.O. A-1-a OR A-1-b) WHERE CRUSHED GRAVEL OR CRUSHED STONE IS USED IT SHALL PER ASTM C-33 GRADATION NO. 67.
2. FILL MATERIAL SHALL BE PLACED IN 0.15 MT. LAYERS.
3. COMPACT TO 90% OF MAX. COMPACTION AS PER ASTM D-698 FOR COHESIVE SOILS OR DENSITY TO 70% OF MAX. RELATIVE DENSITY AS PER ASTM D-2049 FOR GRANULAR SOILS. TESTS SHALL BE PERFORMED AT 50 MTS INTERVALS.

HAUNCHING:

1. SAME MATERIALS AS FOR FOUNDATION AND BEDDING.
2. FILL MATERIAL SHALL BE PLACED IN 0.15 MT. LAYERS.
3. COMPACT 70% OF MAX. RELATIVE DENSITY AS PER ASTM D-2049.

INITIAL AND FINAL BACKFILL-UNDER ROADS, STREETS, WALKS, APRONS AND OTHERS IMPROVED SURFACES:

1. ANY MATERIALS AS CLASSIFIED BY USCS AS PER ASTM D-2487 SOIL CLASS "B" (OR A.A.S.H.T.O. A-1-a THRU A-2-4) WHERE CRUSHED GRAVEL OR CRUSHED STONE IS USED IT SHALL BE AS PER ASTM C-33 GRADATION NO. 67.
2. FILL MATERIAL SHALL BE PLACED IN 0.30 MT. LAYERS.
3. COMPACT TO 90% OF MAX. COMPACTION AS PER ASTM D-698 FOR COHESIVE SOILS OR 70% OF MAX. RELATIVE DENSITY AS PER ASTM D-2049 FOR GRANULAR SOILS. ROLLING EQUIPMENT NOT ALLOWED FOR WORKING BACKFILL MATERIAL IN THE INITIAL BACKFILL SECTOR.

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY, INTEGRITY AND STABILITY OF PEOPLE, BUILDINGS, EMBANKMENTS, EXISTING PIPE LINES, OR ANY OTHER STRUCTURES IN THE VICINITY OF EXCAVATIONS OR ANY OTHER CONSTRUCTION OPERATIONS WHEN NECESSARY. SHEET PILING, FENCING, OR ANY OTHER DEVICE, TO INSURE THE PROTECTION OF SUCH PEOPLE OR STRUCTURES, SHALL BE INSTALLED.
2. OPEN TRENCH: SLOPE TO BE DETERMINED BY CONTRACTOR.
3. TRENCH PROTECTION: TO BE DETERMINED BY CONTRACTOR TO ENSURE PROTECTION OF ADJACENT STRUCTURES, TRENCH WALLS AND WORKING CREWS INSIDE AND OUT OF TRENCH.
4. GROUND OR PAVED SURFACES: TO BE REPLACED OR RESTORED IN ACCORDANCE TO THE SPECIFICATIONS.
5. DETECTABLE MARKING TAPE: SEE THE SPECIFICATIONS FOR INSCRIPTIONS.



NOTE:

1. WHERE SIDEWALK ABUTS EXISTING OR PROPOSED FIXED OBJECTS (CURBS, CURB AND GUTTERS, CONCRETE PAVING, MANHOLES, OR BUILDINGS), INSTALL 12.7MM EXPANSION JOINT FILLER AND JOINT SEALANT.

CONCRETE SIDEWALK DETAIL

SCALE: NTS



1. WHERE PROPOSED SIDEWALK ABUTS EXISTING SIDEWALKS INSTALL A 1/4" CONSTRUCTION JOINT WITH FILLER AND JOINT SEALANT.

CONSTRUCTION JOINT TYPICAL DETAILS

NOT TO SCALE



SCALE: NTS



SCALE: NTS



SCALE: NTS



CONCRETE PAVEMENT JOINT DETAIL

SCALE: 1:10



CONCRETE PAVEMENT JOINT DETAIL

SCALE: 1:10



SCALE: NTS



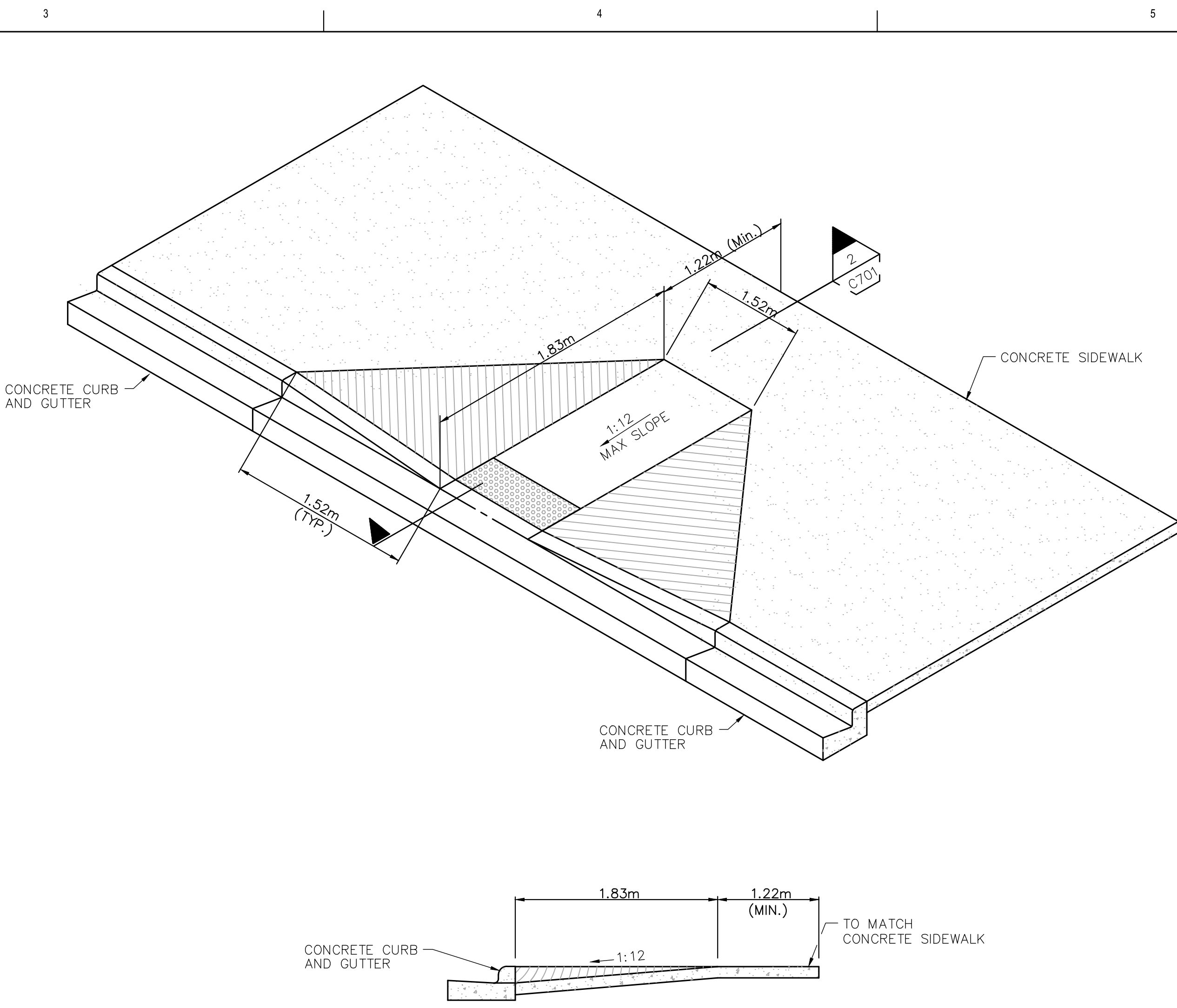
SCALE: NTS



1. CONTROL JOINTS AT 1.50 ON CENTER.

CONCRETE GUTTER DETAILS

SCALE: NTS



NOTE:

1. REFER TO PRHTA STANDARD DRAWINGS – ADA SERIES FOR ADDITIONAL DETAILS, NOTES AND SPECIFICATIONS FOR HC RAMPS. PRHTA STANDARD DRAWING ADA-01 FOR DETECTABLE WARNING FIELD SPECIFICATIONS AND INSTALLATION NOTES.



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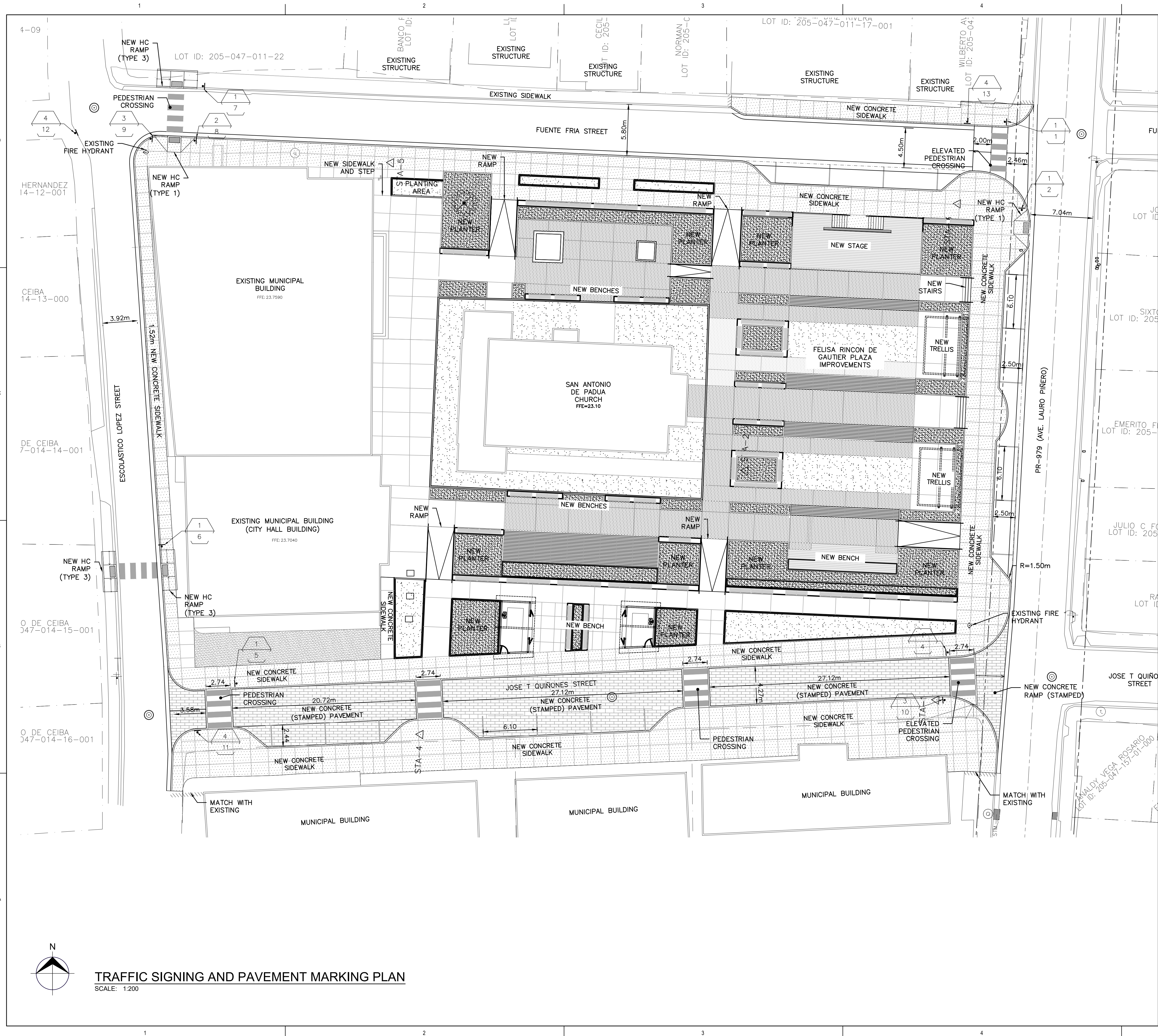
3100 Rd. 199 SUITE 203
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[br@brapr.com](http://brapr.com)

[illegible]

MISCELLANEOUS DETAILS

C701

C:\Users\Miguel Matos\OneDrive - Benitez Ramos & Associates\02-Design\02-Ceiba-A&E-MejorasPlaza07-Project Design\02-Civil\Plaza\C800.dwg
7/8/2020 3:15:46 PM



LEGEND:

- NEW TRAFFIC SIGN (SEE TABLE ON DWG. C801)
- SIGN ID
- SIGN LOCATION
- NEW CONCRETE PAVEMENT (SEE DETAIL ON DWG. C700)
- NEW SIDEWALK (SEE DETAIL ON DWG. C700)
- NEW STAMPED PAVEMENT SURFACE (REFER TO ARCH. PLANS FOR PATTERN)

NOTES:

- ALL DIMENSIONS AND ELEVATIONS ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECTURAL PLANS FOR NEW FLOOR TREATMENTS, PLAZA STRUCTURES AND URBAN MOBILIARY DETAILS.
- REFER TO DWG. C200 FOR ROAD AND SIDEWALK DIMENSIONS.
- NEW HANDICAP RAMPS IN COMPLIANCE WITH ADA REGULATIONS AS PRHTA STANDARD DRAWINGS (ADA SERIES). SEE DETAILS ON DWG. C701.
- REFER TO DWG. C801 FOR TRAFFIC SIGNS AND PAVEMENT MARKING DETAILS.

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PROJECT INFORMATION
PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA		PUERTO RICO	
		REVISIONS	
NO.	DESCRIPTION	DATE	
A	ISSUED FOR BID	05/16/24	
B	100% CD	10/02/24	

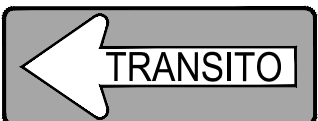
DATE ISSUED: 08/05/22
REVIEWED BY: LMR
DRAWN BY: AMC
DESIGNED BY: LMR
BRA PROJECT NUMBER: 22010

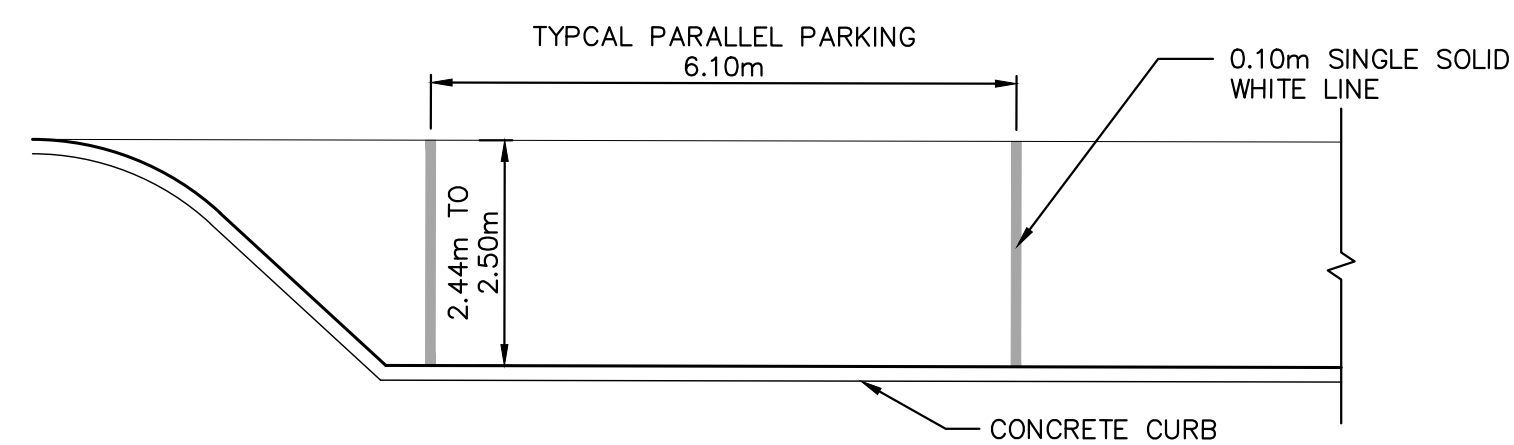
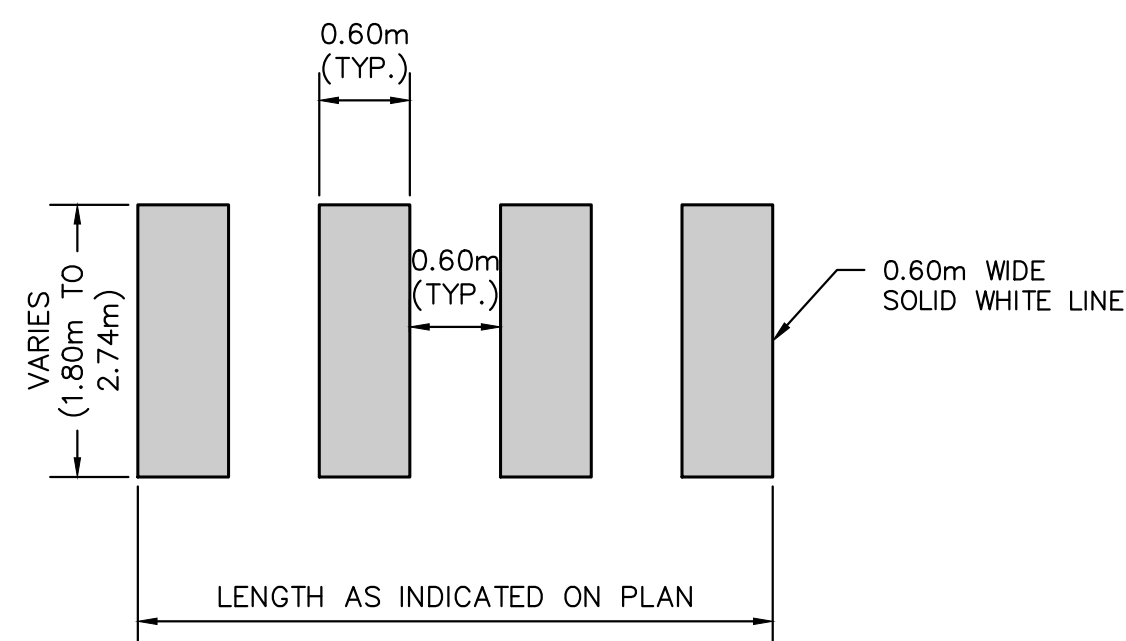
TRAFFIC SIGNING
AND PAVEMENT
MARKING PLAN

SHEET ID

C800



TRAFFIC SIGNS TABLE							
CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
1	1,2,4,5,6	W11-2 W16-7P		36" X 36" 24" X 12"	N/A	M.U.T.C.D. 2009	5
2	7	W11-2 W16-7P		36" X 36" 24" X 12"	N/A	M.U.T.C.D. 2009	1
3	8,9,10	R1-1		30" X 30"	N/A	SEE D.T.P.W. MANUAL 2020	3
4	11,12,13	M1-6		30" X 12"	N/A	SEE D.T.P.W. MANUAL 2020	3



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18. THE PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY IT DOES RESERVES THE RIGHT TO STOP THE WORKS AT ANY TIME IF THE CONTRACTOR DO NOT COMPLY WITH THE MAINTENANCE OF TRAFFIC AND THE SAFETY REGULATIONS.

5. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER THE ACCESS POINTS FOR CONSTRUCTION VEHICLES. INSTALL SIGN W8-6 (TRUCK CROSSING - 36" X 36") TO ALERT ROAD USERS OF LOCATIONS WHERE UNEXPECTED TRAVEL BY CONSTRUCTION VEHICLES MIGHT OCCUR.

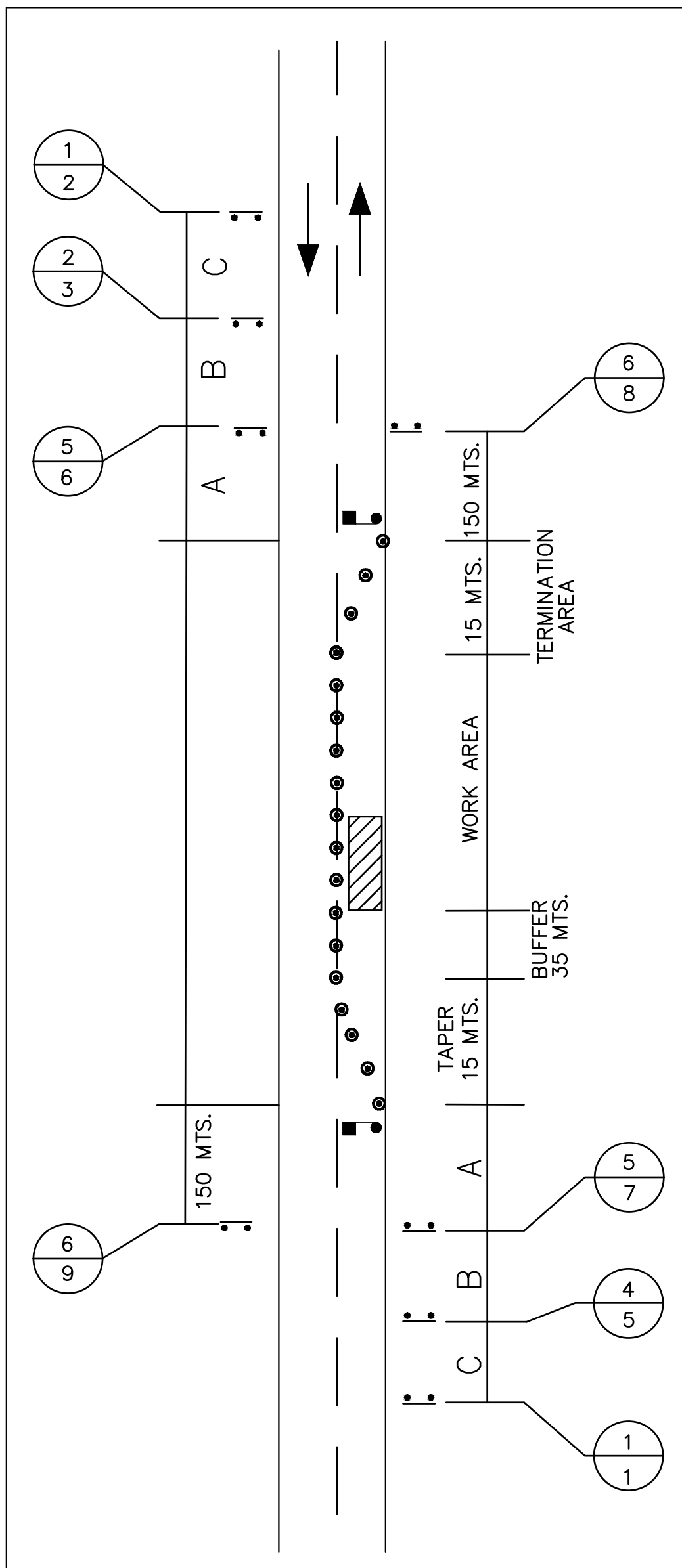
 FLAGGER

SPEED LIMIT	TAPER	BUFFER	TERMINATION AREA
25MPH	50FT (15m)	115FT (35m)	50FT (15m)

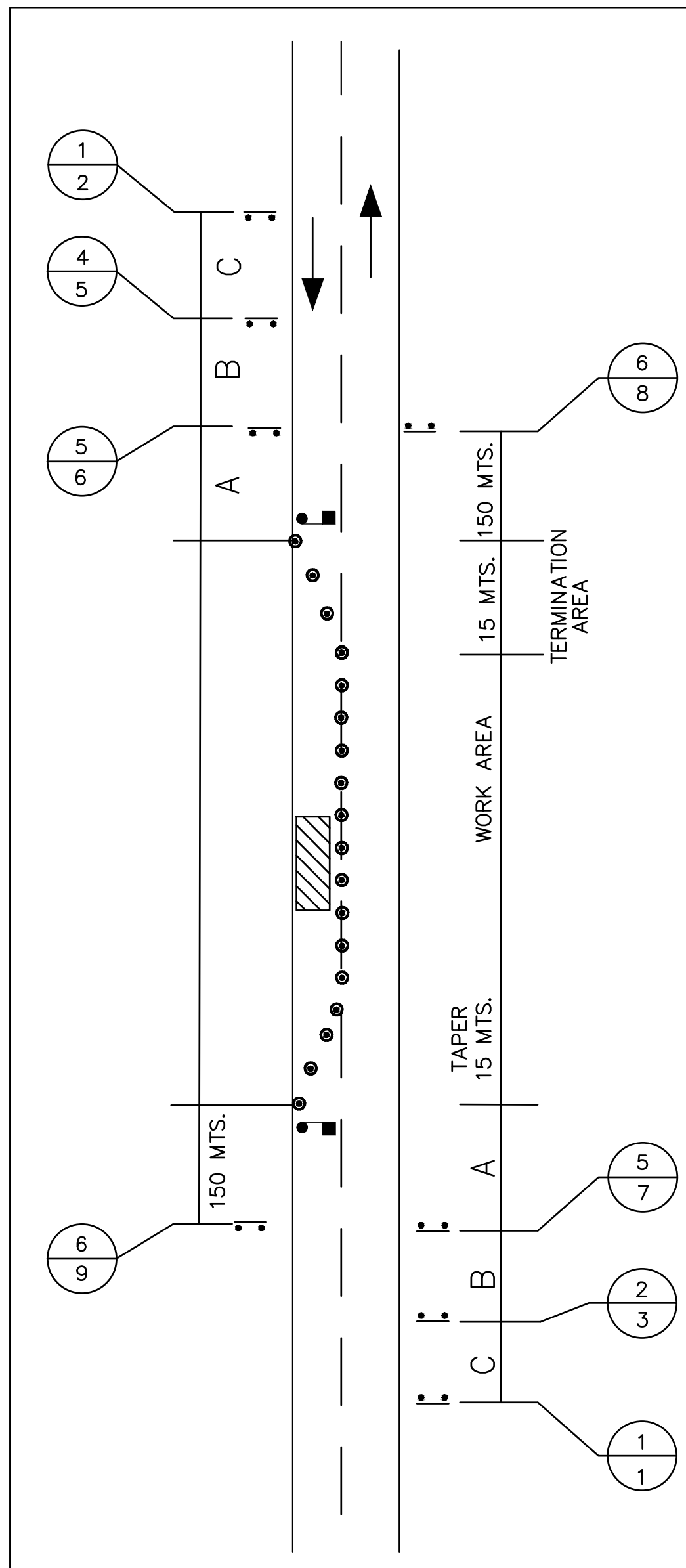
SHEET ID

MOT1

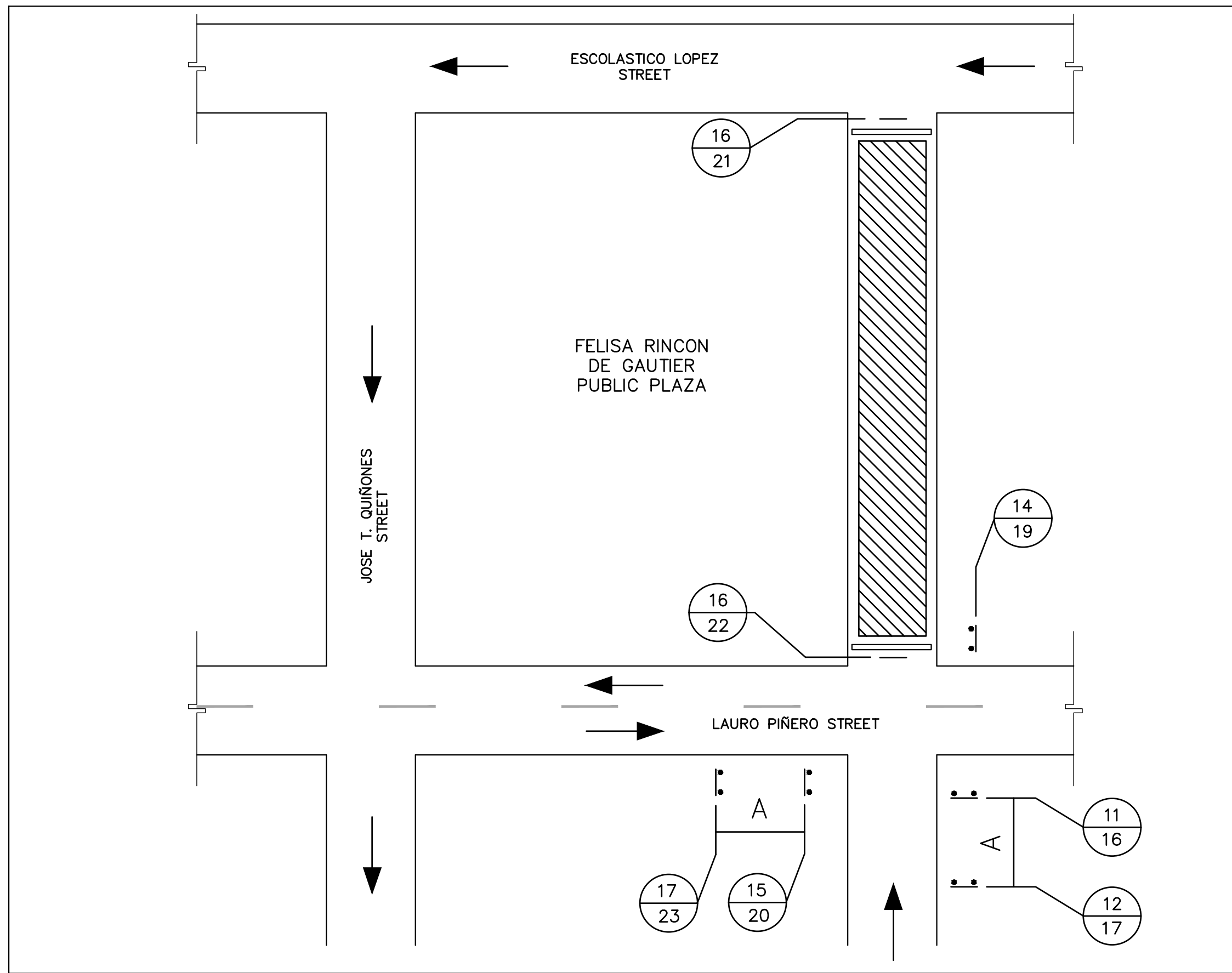
TYPICAL APPLICATION I
RIGHT LANE CLOSURE



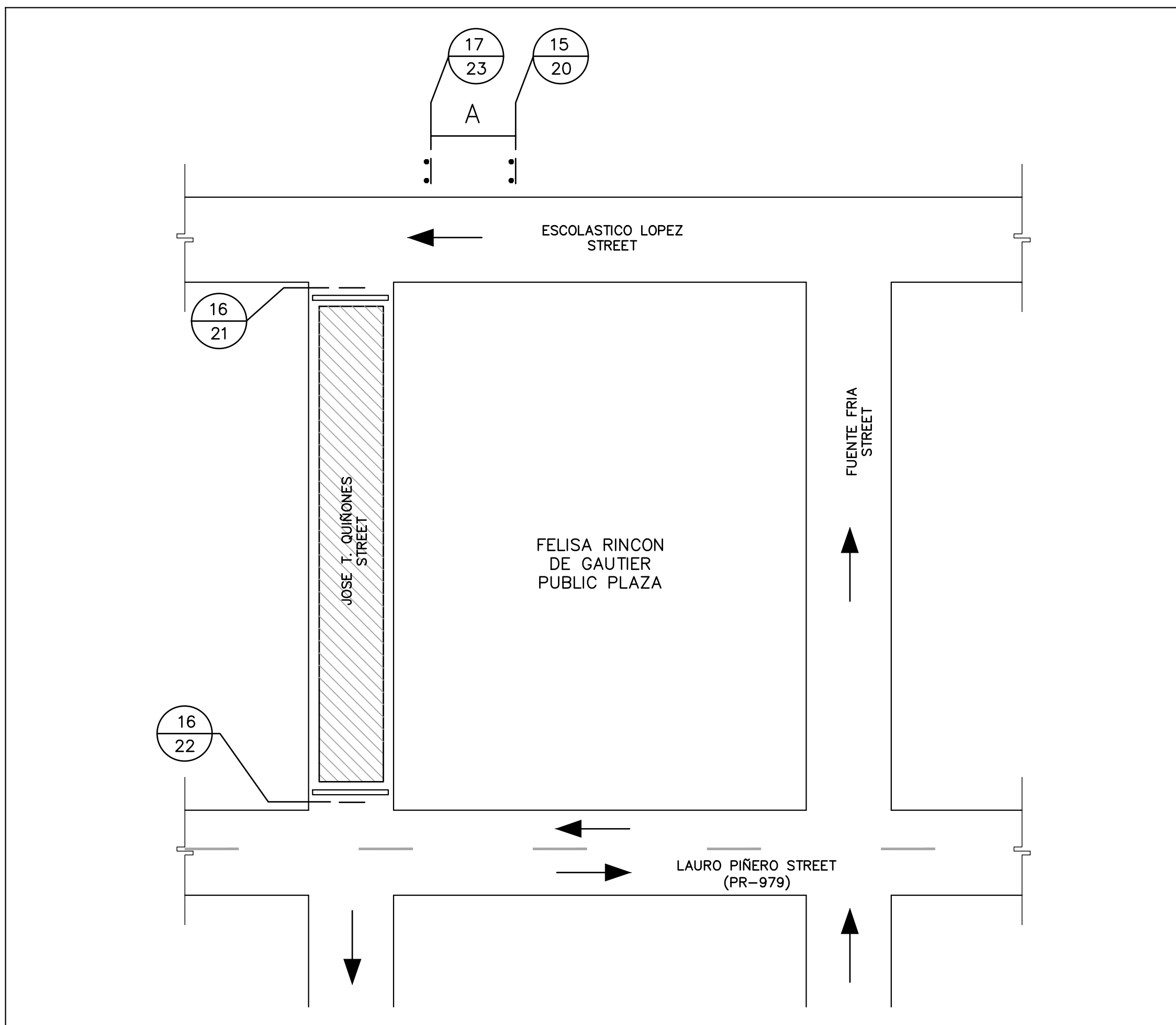
TYPICAL APPLICATION II
LEFT LANE CLOSURE



TYPICAL APPLICATION III
LANE CLOSURE



TYPICAL APPLICATION IV
LANE CLOSURE

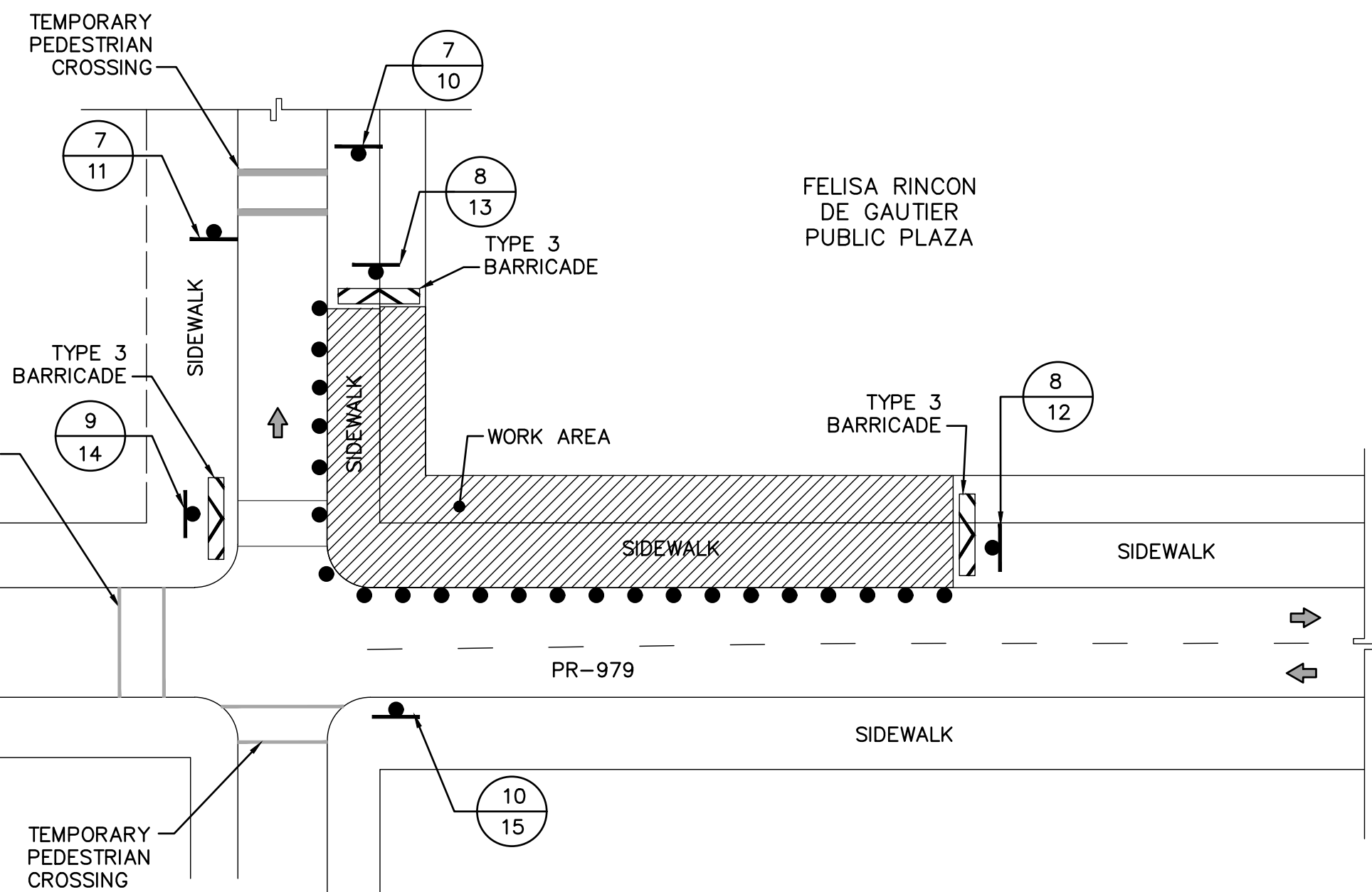


LEGEND:

- TRAFFIC SIGN LOCATION
- CODE NUMBER
- LOCATION NUMBER
- PLASTIC DRUMS
- AREA UNDER CONSTRUCTION
- TRAFFIC DIRECTION
- FLAGGER
- TYPE 3 BARRICADE

NOTES:

- FOR MAINTENANCE OF TRAFFIC NOTES & LEGEND REFER TO MOT-1.
- MAINTENANCE OF TRAFFIC APPLICATIONS SHALL COMPLY WITH MUTCD 2009 MANUAL.
- TEMPORARY CONCRETE BARRIERS INSTALLATION DETAILS, REFER TO PRHTA STD. DWGS. MTP SERIES.
- REFER TO DWG. MOT-3 FOR CONSTRUCTION SIGNS TABLE.
- TYPICAL APPLICATIONS I & II TO BE IMPLEMENTED DURING THE ELECTRICAL LINE INSTALLATION ON DIAZ WAY STREET.



CROSSWALK CLOSURES AND
PEDESTRIAN DETOUR (TYP.)



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PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA PUERTO RICO

REVISIONS	
NO.	DESCRIPTION
A	ISSUED FOR BID
B	100% CD

NO.	DESCRIPTION	DATE
A	ISSUED FOR BID	05/16/24
B	100% CD	10/02/24

DATE ISSUED: 08/05/22
REVIEWED BY: LMR
DRAWN BY: AMC
DESIGNED BY: LMR
BRA PROJECT NUMBER: 22010

MAINTENANCE OF
TRAFFIC TYPICAL
APPLICATIONS

SHEET ID

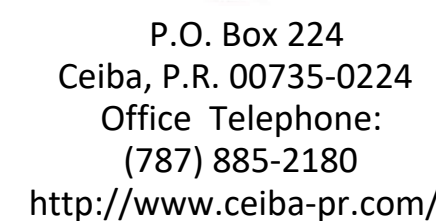
MOT2

CONSTRUCTION SIGNS (CONT.):

CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
14	19	R3-1		24" X 24"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1
15	20	R3-2		24" X 24"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1
16	21,22	R11-2		48" X 30"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	2
17	23	M4-9		42" X 14"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	—

NOTES:

1. FOR MAINTENANCE OF TRAFFIC NOTES & LEGEND REFER TO DWG. MOT/1
2. MAINTENANCE OF TRAFFIC APPLICATIONS SHALL COMPLY WITH MUTCD 2009 MANUAL.



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PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

[illegible]

DATE ISSUED:	08/05/22
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REVIEWED BY: LMR

DRAWN BY: AMC

DESIGNED BY: LMR

BRA PROJECT NUMBER:	22010
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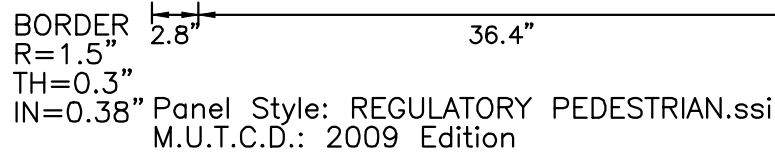
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MAINTENANCE OF TRAFFIC TRAFFIC SIGN TABLES

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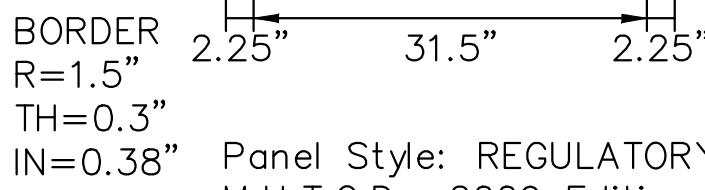
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NTS

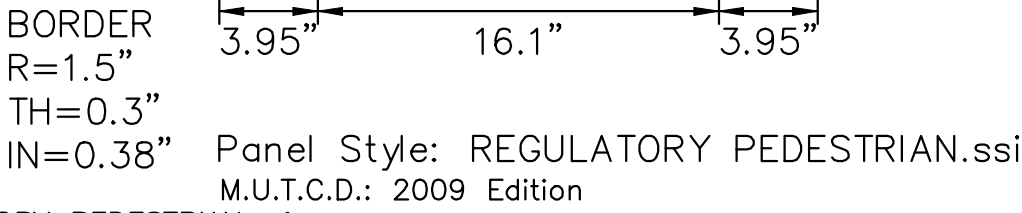


SYMBOL	ROT	X	Y	WID	HT
AR_THRU	90	8.4	10	4	12.6
AR_THRU	270	21	10	4	12.6

Letter locations are panel edge to lower left corner

[illegible][illegible]

Letter locations are panel edge to lower left corner

[illegible][illegible]

Letter locations are panel edge to lower left corner

[illegible][illegible]

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

[illegible]

DATE ISSUED:	02/15/23
REVIEWED BY:	LMR

REVIEWED BY: LMR

DRAWN BY:	AMC
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DESIGNED BY: LMR

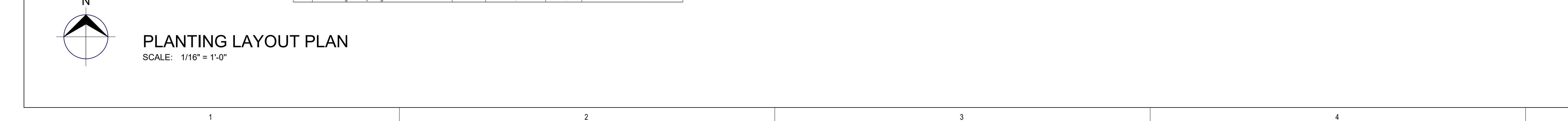
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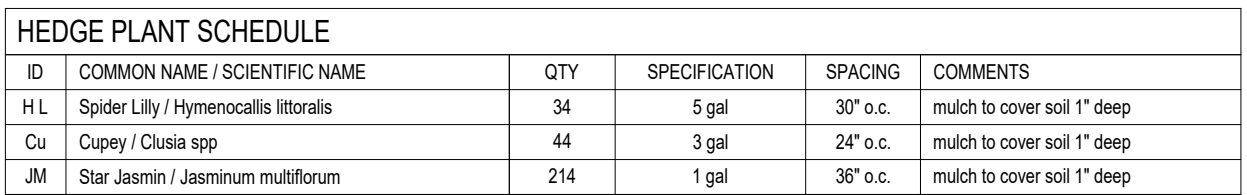
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MAINTENANCE OF TRAFFIC GUIDE SIGNS DESIGN

SHEET ID

MOT4





HEDGE PLANT SCHEDULE					
ID	COMMON NAME / SCIENTIFIC NAME	QTY	SPECIFICATION	SPACING	COMMENTS
HL	Spider Lily / <i>Hymenocallis littoralis</i>	34	5 gal	30" o.c.	mulch to cover soil 1" deep
Cu	Cupey / <i>Clusia</i> spp	44	3 gal	24" o.c.	mulch to cover soil 1" deep
JM	Star Jasmine / <i>Jasminum multiflorum</i>	214	1 gal	36" o.c.	mulch to cover soil 1" deep

ARBOL DE MAGA
Thespesia grandiflora

VOMITEO COLORADO
Cordia Sebestena

ROSA IMPERIAL
Cochlospermum vitifolium

TECOMA STANS
Tecoma stans

TECOMA STANS
Tecoma stans

CRINUM VARIEGATED OR GREY
COMBINED WITH MAN
Crinum elastium
Arachis glabrata

SCAEVOLA
Scaveola taccada

PODOCARPUS
Podocarpus spp.

WANDERING JEW
Tournefortia peruviana

[illegible]

SHEET ID

L-101

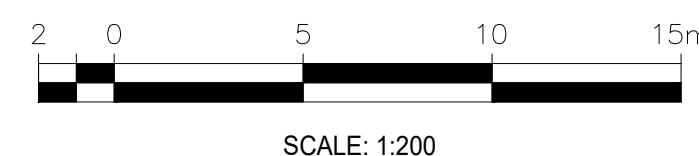
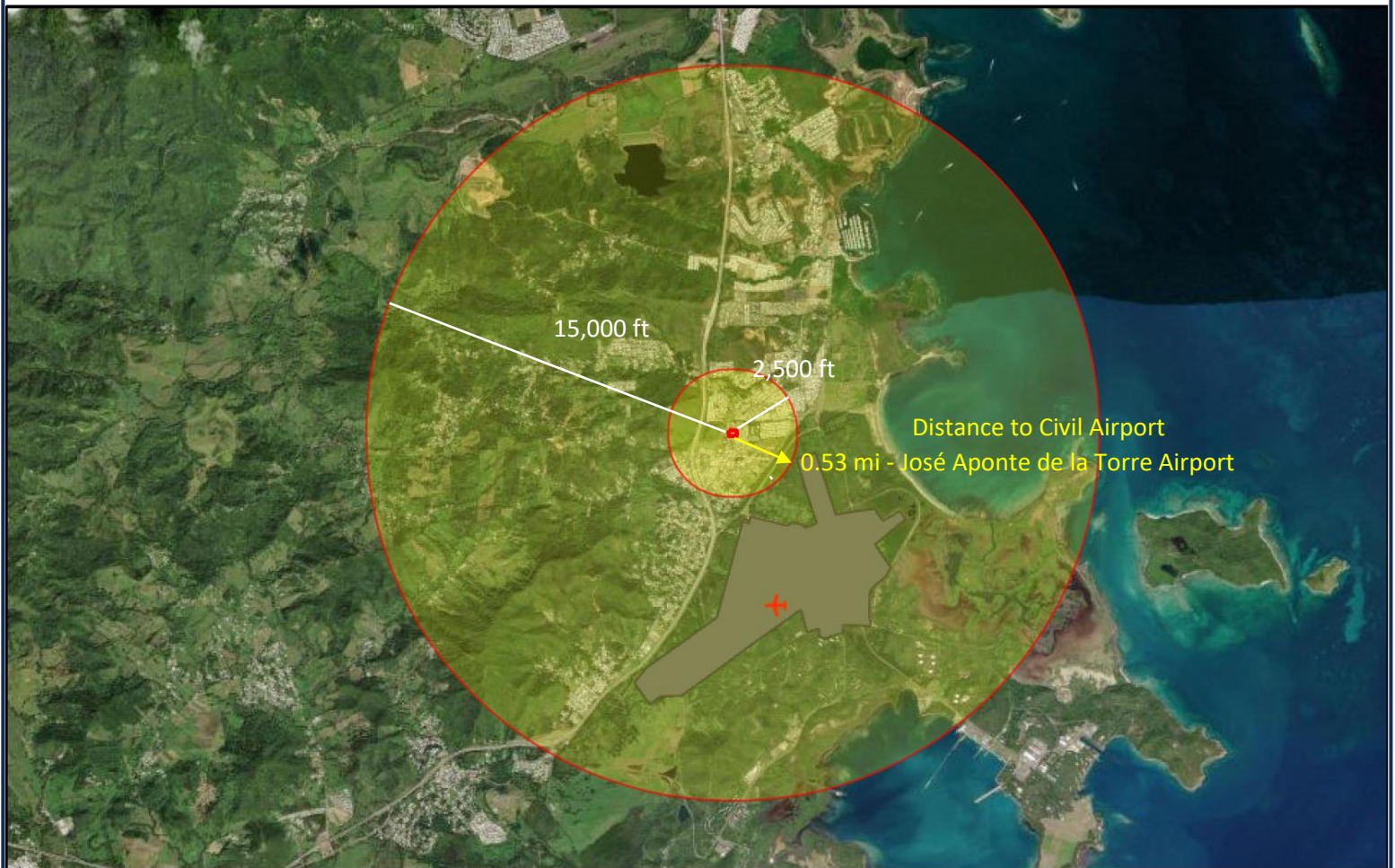


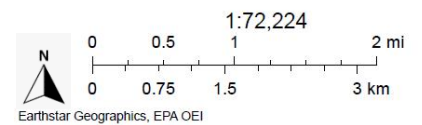
Exhibit 1: Airport Hazards – Civil Airport - PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735

Coordinates: 18.264664, -65.648287



August 23, 2024



Spatial Reference: NAD83 StatePlane Puerto Rico
Virgin Islands FIPS 5200 Feet

Source:
<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>

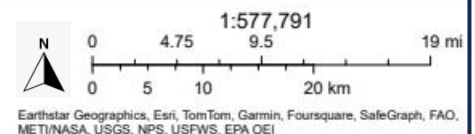
Exhibit 1: Airport Hazards – Military Airport - PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735

Coordinates: 18.26469, -65.648212



September 10, 2024



Spatial Reference: NAD83 StatePlane Puerto Rico
Virgin Islands FIPS 5200 Feet

Source:
<https://nepassisttool.epa.gov/nepassist/nepama.p.aspx>

<https://fwsprimary.wim.usgs.gov/CBRSMapper-v2/>

Exhibit 3: FEMA FIRMette – PR-CRP-000968

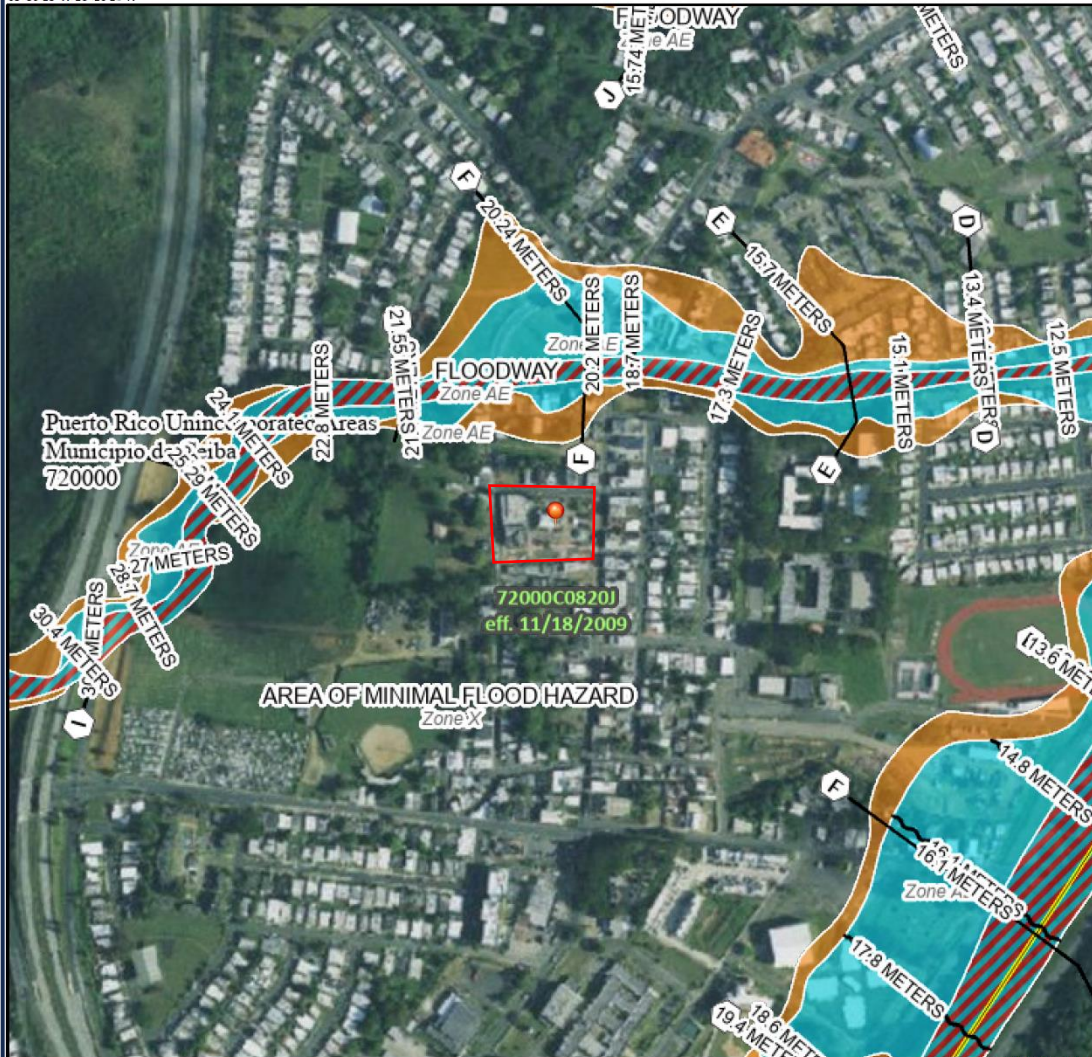
Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735

Coordinates: 18.264664, -65.648287



National Flood Hazard Layer FIRMette

65°39'13"W 18°16'10"N



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		Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone L
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

0 250 500 1,000 1,500 2,000 Feet 1:6,000 65°38'35"W 18°15'35"N

Basemap Imagery Source: USGS National Map 2023

Site Project Point

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 8/23/2024 at 12:21 PM 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.

Spatial Reference: NAD83 StatePlane
Puerto Rico Virgin Islands FIPS 5200 Feet
Source: <https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd>

Exhibit 3a: ABFE's Map – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico 00735

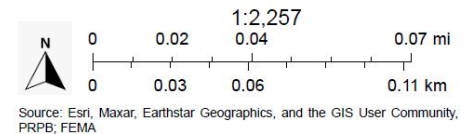
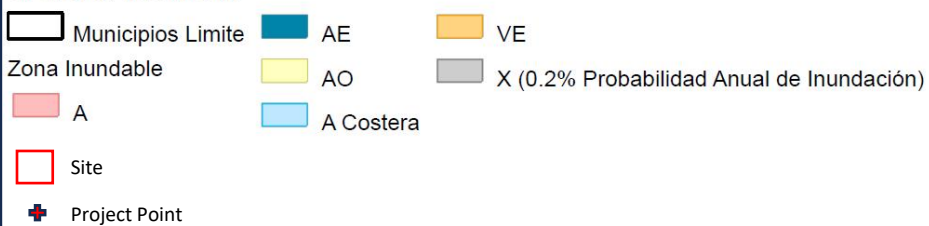
Coordinates: 18.264664, -65.648287



Mapa Niveles de Inundación Base Recomendados



8/23/2024, 12:02:09 PM



Junta de Planificación, FEMA
PRPB; FEMA | Junta de Planificación. Programa de Sistema de Información Geográfica |

Spatial Reference: NAD83 StatePlane Puerto Rico Virgin
Islands FIPS 5200 Feet

Source:
<https://sige.pr.gov/portal/apps/webappviewer/index.html?id=53ed4b9fa37840a88bb44d2a911512fc>

Exhibit 4: Air Quality – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735

Coordinates: 18.264664, -65.648287



Letter ANSI A Landscape



- Non-attainment Areas**
- ☒ Ozone 8-hr (1997 standard)
 - Nonattainment (NAAQS revoked)
 - Maintenance (NAAQS revoked)
 - ☒ Ozone 8-hr (2008 standard)
 - Nonattainment
 - Maintenance
 - ☒ Ozone 8-hr (2015 Standard)
 - Nonattainment
 - Maintenance
 - ☒ Lead (2008 standard)
 - Nonattainment
 - Maintenance
 - ☒ SO₂ 1-hr (2010 standard)
 - Nonattainment
 - Maintenance
 - ☒ PM_{2.5} 24hr (2006 standard)
 - Nonattainment
 - Maintenance
 - ☒ PM_{2.5} Annual (1997 standard)
 - Nonattainment
 - Maintenance (NAAQS revoked)
 - ☒ PM_{2.5} Annual (2012 standard)
 - Nonattainment
 - Maintenance
 - ☒ PM₁₀ (1987 standard)
 - Nonattainment
 - Maintenance
 - ☒ CO (1971 Standard)
 - Nonattainment
 - Maintenance
 - ☒ Ozone 1-hr (1979 standard-revoked)
 - Nonattainment (NAAQS revoked)
 - Maintenance (NAAQS revoked)
 - ☒ NO₂ (1971 Standard)
 - Maintenance

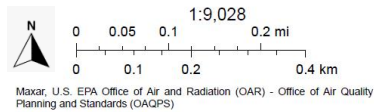
August 23, 2024

Site

Project Point

Spatial Reference: NAD83 StatePlane Puerto Rico
Virgin Islands FIPS 5200 Feet

Source:
<https://nepassisttool.epa.gov/nepassist/nepama.p.aspx>



**Exhibit No. 4a: EPA Greenbook - Current Nonattainment Counties for All Criteria Pollutants**

You are here: EPA Home > Green Book > Current Nonattainment Counties for All Criteria Pollutants

**Revitalization of Felisa Rincón de Gautier
Public Plaza**
267 Ave. Lauro Piñero, Ceiba, P.R.
PR-CRP-000968
18.264664, -65.648287

Current Nonattainment Counties for All Criteria Pollutants

Data is current as of March 31, 2023

The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.
 The asterisk (*) indicates only a portion of the county is included in the designated nonattainment area (NA).

Download National Dataset of all designated areas (currently nonattainment, maintenance, revoked):
 dbf | xls | Data dictionary (PDF)

Listed by State, County, NAAQS * Part County NA NA Area Name (Classification, if applicable)

ALASKA

Fairbanks North Star Borough
PM-2.5 (2006) *Fairbanks, AK - (Serious)

ARIZONA

Cochise County
PM-10 (1987) *Cochise County; Paul Spur/Douglas planning area, AZ - (Moderate)

Gila County
Lead (2008) *Hayden, AZ
PM-10 (1987) *Hayden, AZ - (Moderate)
PM-10 (1987) *Miami, AZ - (Moderate)
Sulfur Dioxide (2010) *Hayden, AZ
Sulfur Dioxide (2010) *Miami, AZ
8-Hour Ozone (2015) *Phoenix-Mesa, AZ - (Moderate)

Maricopa County
PM-10 (1987) *Maricopa and Pinal Counties; Phoenix planning area, AZ - (Serious)
8-Hour Ozone (2008) *Phoenix-Mesa, AZ - (Moderate)
8-Hour Ozone (2015) *Phoenix-Mesa, AZ - (Moderate)

Pima County
PM-10 (1987) *Pima County; Rillito planning area, AZ - (Moderate)

Pinal County
Lead (2008) *Hayden, AZ
PM-10 (1987) *Hayden, AZ - (Moderate)
PM-10 (1987) *Maricopa and Pinal Counties; Phoenix planning area, AZ - (Serious)
PM-10 (1987) *Miami, AZ - (Moderate)
PM-10 (1987) *Pinal County (part); West Pinal, AZ - (Serious)
PM-2.5 (2006) *West Central Pinal, AZ - (Moderate)
Sulfur Dioxide (1971) *Hayden (Pinal County), AZ
Sulfur Dioxide (2010) *Hayden, AZ
8-Hour Ozone (2008) *Phoenix-Mesa, AZ - (Moderate)
8-Hour Ozone (2015) *Phoenix-Mesa, AZ - (Moderate)

Santa Cruz County
PM-10 (1987) *Santa Cruz County; Nogales planning area, AZ - (Moderate)

Yuma County
PM-10 (1987) *Yuma, AZ - (Moderate)
8-Hour Ozone (2015) *Yuma, AZ - (Marginal)

CALIFORNIA

Alameda County
PM-2.5 (2006) San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008) San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) San Francisco Bay Area, CA - (Marginal)

Amador County
8-Hour Ozone (2015) Amador County, CA - (Marginal)

Butte County
8-Hour Ozone (2008) Chico (Butte County), CA - (Marginal)
8-Hour Ozone (2015) Butte County, CA - (Marginal)

Calaveras County
8-Hour Ozone (2008) Calaveras County, CA - (Marginal)
8-Hour Ozone (2015) Calaveras County, CA - (Marginal)

Contra Costa County
PM-2.5 (2006) San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008) San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) San Francisco Bay Area, CA - (Marginal)

El Dorado County
PM-2.5 (2006) *Sacramento, CA - (Moderate)
8-Hour Ozone (2008) *Sacramento Metro, CA - (Severe 15)
8-Hour Ozone (2015) *Sacramento Metro, CA - (Serious)

Fresno County
PM-2.5 (1997) San Joaquin Valley, CA - (Serious)
PM-2.5 (2006) San Joaquin Valley, CA - (Serious)

<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
Imperial County	
<i>PM-2.5 (2006)</i>	*Imperial County, CA - (Moderate)
<i>PM-2.5 (2012)</i>	*Imperial County, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	Imperial County, CA - (Moderate)
<i>8-Hour Ozone (2015)</i>	Imperial County, CA - (Marginal)
Inyo County	
<i>PM-10 (1987)</i>	*Inyo County; Owens Valley planning area, CA - (Serious)
Kern County	
<i>PM-10 (1987)</i>	*East Kern County, CA - (Serious)
<i>PM-2.5 (1997)</i>	*San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	*San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	*San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	*Kern County (Eastern Kern), CA - (Severe 15)
<i>8-Hour Ozone (2008)</i>	*San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	*Kern County (Eastern Kern), CA - (Serious)
<i>8-Hour Ozone (2015)</i>	*San Joaquin Valley, CA - (Extreme)
Kings County	
<i>PM-2.5 (1997)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
Los Angeles County	
<i>Lead (2008)</i>	*Los Angeles County-South Coast Air Basin, CA
<i>PM-2.5 (1997)</i>	*Los Angeles-South Coast Air Basin, CA - (Moderate)
<i>PM-2.5 (2006)</i>	*Los Angeles-South Coast Air Basin, CA - (Serious)
<i>PM-2.5 (2012)</i>	*Los Angeles-South Coast Air Basin, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	*Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
<i>8-Hour Ozone (2008)</i>	*Los Angeles-South Coast Air Basin, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	*Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	*Los Angeles-South Coast Air Basin, CA - (Extreme)
Madera County	
<i>PM-2.5 (1997)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
Marin County	
<i>PM-2.5 (2006)</i>	San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	San Francisco Bay Area, CA - (Marginal)
Mariposa County	
<i>8-Hour Ozone (2008)</i>	Mariposa County, CA - (Moderate)
<i>8-Hour Ozone (2015)</i>	Mariposa County, CA - (Moderate)
Merced County	
<i>PM-2.5 (1997)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
Mono County	
<i>PM-10 (1987)</i>	*Mono Basin, CA - (Moderate)
Napa County	
<i>PM-2.5 (2006)</i>	San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	San Francisco Bay Area, CA - (Marginal)
Nevada County	
<i>8-Hour Ozone (2008)</i>	*Nevada County (Western part), CA - (Serious)
<i>8-Hour Ozone (2015)</i>	*Nevada County (Western part), CA - (Serious)
Orange County	
<i>PM-2.5 (1997)</i>	Los Angeles-South Coast Air Basin, CA - (Moderate)
<i>PM-2.5 (2006)</i>	Los Angeles-South Coast Air Basin, CA - (Serious)
<i>PM-2.5 (2012)</i>	Los Angeles-South Coast Air Basin, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	Los Angeles-South Coast Air Basin, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	Los Angeles-South Coast Air Basin, CA - (Extreme)
Placer County	
<i>PM-2.5 (2006)</i>	*Sacramento, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	*Sacramento Metro, CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	*Sacramento Metro, CA - (Serious)
Plumas County	
<i>PM-2.5 (2012)</i>	*Plumas County, CA - (Serious)
Riverside County	
<i>PM-10 (1987)</i>	*Riverside County; Coachella Valley planning area, CA - (Serious)
<i>PM-2.5 (1997)</i>	*Los Angeles-South Coast Air Basin, CA - (Moderate)
<i>PM-2.5 (2006)</i>	*Los Angeles-South Coast Air Basin, CA - (Serious)
<i>PM-2.5 (2012)</i>	*Los Angeles-South Coast Air Basin, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	*Los Angeles-South Coast Air Basin, CA - (Extreme)

<i>8-Hour Ozone (2008)</i> *Morongo Band of Mission Indians, CA - (Severe 15)	
<i>8-Hour Ozone (2008)</i> *Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)	
<i>8-Hour Ozone (2008)</i> *Riverside County (Coachella Valley), CA - (Severe 15)	
<i>8-Hour Ozone (2015)</i> *Los Angeles-South Coast Air Basin, CA - (Extreme)	
<i>8-Hour Ozone (2015)</i> *Morongo Band of Mission Indians, CA - (Serious)	
<i>8-Hour Ozone (2015)</i> *Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)	
<i>8-Hour Ozone (2015)</i> *Riverside County (Coachella Valley), CA - (Severe 15)	
Sacramento County	
<i>PM-2.5 (2006)</i>	Sacramento, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	Sacramento Metro, CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	Sacramento Metro, CA - (Serious)
San Bernardino County	
<i>PM-10 (1987)</i>	*San Bernardino County, CA - (Moderate)
<i>PM-10 (1987)</i>	*Trona, CA - (Moderate)
<i>PM-2.5 (1997)</i>	*Los Angeles-South Coast Air Basin, CA - (Moderate)
<i>PM-2.5 (2006)</i>	*Los Angeles-South Coast Air Basin, CA - (Serious)
<i>PM-2.5 (2012)</i>	*Los Angeles-South Coast Air Basin, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	*Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
<i>8-Hour Ozone (2008)</i>	*Los Angeles-South Coast Air Basin, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	*Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	*Los Angeles-South Coast Air Basin, CA - (Extreme)
San Diego County	
<i>8-Hour Ozone (2008)</i>	*Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	*San Diego County, CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	*Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)
<i>8-Hour Ozone (2015)</i>	*San Diego County, CA - (Severe 15)
San Francisco County	
<i>PM-2.5 (2006)</i>	San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	San Francisco Bay Area, CA - (Marginal)
San Joaquin County	
<i>PM-2.5 (1997)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
San Luis Obispo County	
<i>8-Hour Ozone (2008)</i>	*San Luis Obispo (Eastern San Luis Obispo), CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	*San Luis Obispo (Eastern part), CA - (Marginal)
San Mateo County	
<i>PM-2.5 (2006)</i>	San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	San Francisco Bay Area, CA - (Marginal)
Santa Clara County	
<i>PM-2.5 (2006)</i>	San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	San Francisco Bay Area, CA - (Marginal)
Solano County	
<i>PM-2.5 (2006)</i>	*Sacramento, CA - (Moderate)
<i>PM-2.5 (2006)</i>	*San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	*Sacramento Metro, CA - (Severe 15)
<i>8-Hour Ozone (2008)</i>	*San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	*Sacramento Metro, CA - (Serious)
<i>8-Hour Ozone (2015)</i>	*San Francisco Bay Area, CA - (Marginal)
Sonoma County	
<i>PM-2.5 (2006)</i>	*San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	*San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	*San Francisco Bay Area, CA - (Marginal)
Stanislaus County	
<i>PM-2.5 (1997)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
Sutter County	
<i>8-Hour Ozone (2008)</i>	*Sacramento Metro, CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	*Sacramento Metro, CA - (Serious)
<i>8-Hour Ozone (2015)</i>	*Sutter Buttes, CA - (Marginal)
Tehama County	
<i>8-Hour Ozone (2008)</i>	*Tuscan Buttes, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	*Tuscan Buttes, CA - (Marginal (Rural Transport))
Tulare County	
<i>PM-2.5 (1997)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
Tuolumne County	
<i>8-Hour Ozone (2015)</i>	Tuolumne County, CA - (Marginal)
Ventura County	

8-Hour Ozone (2008) *Ventura County, CA - (Serious)

8-Hour Ozone (2015) *Ventura County, CA - (Serious)

Yolo County

PM-2.5 (2006) *Sacramento, CA - (Moderate)

8-Hour Ozone (2008) Sacramento Metro, CA - (Severe 15)

8-Hour Ozone (2015) Sacramento Metro, CA - (Serious)

COLORADO

Adams County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Arapahoe County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Boulder County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Broomfield County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Denver County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Douglas County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Jefferson County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Larimer County

8-Hour Ozone (2008) *Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) *Denver Metro/North Front Range, CO - (Moderate)

Weld County

8-Hour Ozone (2008) *Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

CONNECTICUT

Fairfield County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Hartford County

8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)

8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate)

Litchfield County

8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)

8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate)

Middlesex County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

New Haven County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

New London County

8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)

8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate)

Tolland County

8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)

8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate)

Windham County

8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)

8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate)

DELAWARE

New Castle County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Sussex County

8-Hour Ozone (2008) Seaford, DE - (Marginal)

DISTRICT OF COLUMBIA

District of Columbia

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

GUAM

Guam

Sulfur Dioxide (1971)*Piti, GU

Sulfur Dioxide (1971)*Tanguisson, GU

Sulfur Dioxide (2010)*Piti-Cabras, GU

IDAHO

Bannock County

PM-10 (1987) *Power-Bannock Counties; Fort Hall Indian Reservation, ID - (Moderate)

Power County

PM-10 (1987) *Power-Bannock Counties; Fort Hall Indian Reservation, ID - (Moderate)

ILLINOIS

Cook County

8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
 DuPage County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
 Grundy County
8-Hour Ozone (2015) *Chicago, IL-IN-WI - (Moderate)
 Kane County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
 Kendall County
8-Hour Ozone (2015) *Chicago, IL-IN-WI - (Moderate)
 Lake County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
 Madison County
Sulfur Dioxide (2010) *Alton Township, IL
8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
 McHenry County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
 Monroe County
8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
 St. Clair County
8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
 Will County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)

INDIANA

Huntington County
Sulfur Dioxide (2010) *Huntington, IN
 Lake County
8-Hour Ozone (2015) *Chicago, IL-IN-WI - (Moderate)
 Porter County
8-Hour Ozone (2015) *Chicago, IL-IN-WI - (Moderate)

IOWA

Muscatine County
Sulfur Dioxide (2010) *Muscatine, IA

KANSAS

Saline County
Lead (2008) *Saline County, KS

KENTUCKY

Boone County
8-Hour Ozone (2015) *Cincinnati, OH-KY - (Moderate)
 Bullitt County
8-Hour Ozone (2015) Louisville, KY-IN - (Moderate)
 Campbell County
8-Hour Ozone (2015) *Cincinnati, OH-KY - (Moderate)
 Henderson County
Sulfur Dioxide (2010) *Henderson-Webster Counties, KY
 Jefferson County
8-Hour Ozone (2015) Louisville, KY-IN - (Moderate)
 Kenton County
8-Hour Ozone (2015) *Cincinnati, OH-KY - (Moderate)
 Oldham County
8-Hour Ozone (2015) Louisville, KY-IN - (Moderate)
 Webster County
Sulfur Dioxide (2010) *Henderson-Webster Counties, KY

LOUISIANA

Evangeline Parish
Sulfur Dioxide (2010) *Evangeline Parish (Partial), LA
 St. Bernard Parish
Sulfur Dioxide (2010) St. Bernard Parish, LA

MARYLAND

Anne Arundel County
Sulfur Dioxide (2010) *Anne Arundel County and Baltimore County, MD
8-Hour Ozone (2008) Baltimore, MD - (Moderate)
8-Hour Ozone (2015) Baltimore, MD - (Moderate)
 Baltimore County
Sulfur Dioxide (2010) *Anne Arundel County and Baltimore County, MD
8-Hour Ozone (2008) Baltimore, MD - (Moderate)
8-Hour Ozone (2015) Baltimore, MD - (Moderate)
 Baltimore city
8-Hour Ozone (2008) Baltimore, MD - (Moderate)
8-Hour Ozone (2015) Baltimore, MD - (Moderate)
 Calvert County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)
 Carroll County
8-Hour Ozone (2008) Baltimore, MD - (Moderate)
8-Hour Ozone (2015) Baltimore, MD - (Moderate)
 Cecil County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
 Charles County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)
 Frederick County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)
 Harford County
 8-Hour Ozone (2008) Baltimore, MD - (Moderate)
 8-Hour Ozone (2015) Baltimore, MD - (Moderate)
 Howard County
 8-Hour Ozone (2008) Baltimore, MD - (Moderate)
 8-Hour Ozone (2015) Baltimore, MD - (Moderate)
 Montgomery County
 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)
 Prince George's County
 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

MASSACHUSETTS

Dukes County
 8-Hour Ozone (2008) Dukes County, MA - (Marginal)

MICHIGAN

Allegan County
 8-Hour Ozone (2015) *Allegan County, MI - (Moderate)
 Berrien County
 8-Hour Ozone (2015) Berrien County, MI - (Moderate)
 Livingston County
 8-Hour Ozone (2015) Detroit, MI - (Moderate)
 Macomb County
 8-Hour Ozone (2015) Detroit, MI - (Moderate)
 Monroe County
 8-Hour Ozone (2015) Detroit, MI - (Moderate)
 Muskegon County
 8-Hour Ozone (2015) *Muskegon County, MI - (Moderate)
 Oakland County
 8-Hour Ozone (2015) Detroit, MI - (Moderate)
 St. Clair County
 Sulfur Dioxide (2010) *St. Clair, MI
 8-Hour Ozone (2015) Detroit, MI - (Moderate)
 Washtenaw County
 8-Hour Ozone (2015) Detroit, MI - (Moderate)
 Wayne County
 Sulfur Dioxide (2010) *Detroit, MI
 8-Hour Ozone (2015) Detroit, MI - (Moderate)

MINNESOTA

Dakota County
 Lead (2008) *Eagan, MN

MISSOURI

Dent County
 Lead (2008) *Iron, Dent, and Reynolds Counties, MO
 Franklin County
 8-Hour Ozone (2015) *St. Louis, MO-IL - (Moderate)
 Iron County
 Lead (2008) *Iron, Dent, and Reynolds Counties, MO
 Jefferson County
 Lead (1978) *Jefferson County (part); Herculaneum, MO
 Lead (2008) *Jefferson County, MO
 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
 New Madrid County
 Sulfur Dioxide (2010) *New Madrid County, MO
 Reynolds County
 Lead (2008) *Iron, Dent, and Reynolds Counties, MO
 St. Charles County
 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
 St. Louis County
 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
 St. Louis city
 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)

MONTANA

Lake County
 PM-10 (1987) *Lake County; Polson, MT - (Moderate)
 PM-10 (1987) *Lake County; Ronan, MT - (Moderate)
 Lincoln County
 PM-2.5 (1997) *Libby, MT - (Moderate)
 Rosebud County
 PM-10 (1987) *Rosebud County; Lame Deer, MT - (Moderate)
 Yellowstone County
 Sulfur Dioxide (1971) *Laurel Area (Yellowstone County), MT

NEVADA

Clark County
 8-Hour Ozone (2015) *Las Vegas, NV - (Moderate)

NEW JERSEY

Atlantic County
 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
 Bergen County
 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Burlington County	
8-Hour Ozone (2008)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
Camden County	
8-Hour Ozone (2008)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
Cape May County	
8-Hour Ozone (2008)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
Cumberland County	
8-Hour Ozone (2008)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
Essex County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Gloucester County	
8-Hour Ozone (2008)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
Hudson County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Hunterdon County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Mercer County	
8-Hour Ozone (2008)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
Middlesex County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Monmouth County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Morris County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Ocean County	
8-Hour Ozone (2008)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
Passaic County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Salem County	
8-Hour Ozone (2008)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
Somerset County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Sussex County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Union County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Warren County	
Sulfur Dioxide (1971)*	Warren County, NJ
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

NEW MEXICO

Dona Ana County	
PM-10 (1987)	*Dona Ana County; Anthony, NM - (Moderate)
8-Hour Ozone (2015)	*El Paso-Las Cruces, TX-NM - (Marginal)

NEW YORK

Bronx County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Chautauqua County	
8-Hour Ozone (2008)	Jamestown, NY - (Marginal)
Kings County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Nassau County	
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
New York County	
PM-10 (1987)	New York County, NY - (Moderate)
8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
Queens County	

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
 Richmond County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
 Rockland County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
 St. Lawrence County
*Sulfur Dioxide (2010)**St. Lawrence County, NY
 Suffolk County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
 Westchester County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

OHIO

Cuyahoga County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
 Geauga County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
 Lake County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
 Lorain County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
 Medina County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
 Morgan County
*Sulfur Dioxide (2010)**Muskingum River, OH
 Portage County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
 Summit County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
 Washington County
*Sulfur Dioxide (2010)**Muskingum River, OH

OREGON

Klamath County
PM-2.5 (2006) *Klamath Falls, OR - (Moderate)

PENNSYLVANIA

Allegheny County
PM-2.5 (1997) *Liberty-Clairton, PA - (Moderate)
PM-2.5 (2006) *Liberty-Clairton, PA - (Moderate)
PM-2.5 (2012) Allegheny County, PA - (Moderate)
*Sulfur Dioxide (2010)**Allegheny, PA
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
 Armstrong County
*Sulfur Dioxide (1971)**Armstrong County: Madison, Mahoning, Boggs, Washington, Pine, PA
*Sulfur Dioxide (2010)**Indiana, PA
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
 Beaver County
Lead (2008) *Lower Beaver Valley, PA
*Sulfur Dioxide (2010)**Beaver, PA
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
 Berks County
Lead (2008) *Lyons, PA
Lead (2008) *North Reading, PA
8-Hour Ozone (2008) Reading, PA - (Marginal)
 Bucks County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
 Butler County
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
 Carbon County
8-Hour Ozone (2008) Allentown-Bethlehem-Easton, PA - (Marginal)
 Chester County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
 Delaware County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
 Fayette County
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
 Indiana County
Sulfur Dioxide (2010) Indiana, PA
 Lancaster County
8-Hour Ozone (2008) Lancaster, PA - (Marginal)
 Lehigh County
8-Hour Ozone (2008) Allentown-Bethlehem-Easton, PA - (Marginal)
 Montgomery County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
 Northampton County
8-Hour Ozone (2008) Allentown-Bethlehem-Easton, PA - (Marginal)
 Philadelphia County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
 Warren County
*Sulfur Dioxide (2010)**Warren, PA
 Washington County
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
 Westmoreland County
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)

PUERTO RICO

Arecibo Municipio
Lead (2008) *Arecibo, PR
 Bayamon Municipio
*Sulfur Dioxide (2010)**San Juan, PR
 Catano Municipio
Sulfur Dioxide (2010) San Juan, PR
 Guaynabo Municipio
*Sulfur Dioxide (2010)**San Juan, PR
 Salinas Municipio
*Sulfur Dioxide (2010)**Guayama-Salinas, PR
 San Juan Municipio
*Sulfur Dioxide (2010)**San Juan, PR
 Toa Baja Municipio
*Sulfur Dioxide (2010)**San Juan, PR

TENNESSEE

Sullivan County
*Sulfur Dioxide (2010)**Sullivan County, TN

TEXAS

Anderson County
*Sulfur Dioxide (2010)**Freestone and Anderson Counties, TX
 Bexar County
8-Hour Ozone (2015) San Antonio, TX - (Moderate)
 Brazoria County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate)
 Chambers County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate)
 Collin County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)
 Dallas County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)
 Denton County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)
 El Paso County
PM-10 (1987) *El Paso County, TX - (Moderate)
8-Hour Ozone (2015) El Paso-Las Cruces, TX-NM - (Marginal)
 Ellis County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)
 Fort Bend County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate)
 Freestone County
*Sulfur Dioxide (2010)**Freestone and Anderson Counties, TX
 Galveston County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate)
 Harris County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate)
 Howard County
*Sulfur Dioxide (2010)**Howard County, TX
 Hutchinson County
*Sulfur Dioxide (2010)**Hutchinson County, TX
 Johnson County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)
 Kaufman County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)
 Liberty County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
 Montgomery County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)

8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate)

Navarro County

Sulfur Dioxide (2010)*Navarro County, TX

Panola County

Sulfur Dioxide (2010)*Rusk and Panola Counties, TX

Parker County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)

8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)

Rockwall County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)

Rusk County

Sulfur Dioxide (2010)*Rusk and Panola Counties, TX

Tarrant County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)

8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)

Titus County

Sulfur Dioxide (2010)*Titus County, TX

Waller County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)

Wise County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)

8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)

UTAH

Box Elder County

PM-2.5 (2006) *Salt Lake City, UT - (Serious)

Davis County

PM-2.5 (2006) Salt Lake City, UT - (Serious)

8-Hour Ozone (2015) Northern Wasatch Front, UT - (Moderate)

Duchesne County

8-Hour Ozone (2015)*Uinta Basin, UT - (Marginal)

Salt Lake County

PM-2.5 (2006) Salt Lake City, UT - (Serious)

Sulfur Dioxide (1971) Salt Lake County, UT

8-Hour Ozone (2015) Northern Wasatch Front, UT - (Moderate)

Tooele County

PM-2.5 (2006) *Salt Lake City, UT - (Serious)

Sulfur Dioxide (1971)*Tooele County, UT

8-Hour Ozone (2015)*Northern Wasatch Front, UT - (Moderate)

Uintah County

8-Hour Ozone (2015)*Uinta Basin, UT - (Marginal)

Utah County

PM-2.5 (2006) *Provo, UT - (Serious)

8-Hour Ozone (2015)*Southern Wasatch Front, UT - (Marginal)

Weber County

PM-2.5 (2006) *Salt Lake City, UT - (Serious)

8-Hour Ozone (2015)*Northern Wasatch Front, UT - (Moderate)

VIRGINIA

Alexandria city

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Arlington County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Fairfax County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Fairfax city

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Falls Church city

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Giles County

Sulfur Dioxide (2010)*Giles County, VA

Loudoun County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Manassas Park city

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Manassas city

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Prince William County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

WASHINGTON

Whatcom County

Sulfur Dioxide (2010)*Whatcom County, WA

WISCONSIN

Kenosha County

8-Hour Ozone (2015)*Chicago, IL-IN-WI - (Moderate)

Milwaukee County

8-Hour Ozone (2015) Milwaukee, WI - (Moderate)

Ozaukee County

8-Hour Ozone (2015) Milwaukee, WI - (Moderate)

Racine County

8-Hour Ozone (2015)*Milwaukee, WI - (Moderate)

- Sheboygan County
 - 8-Hour Ozone (2015) *Sheboygan County, WI - (Moderate)
 - Washington County
 - 8-Hour Ozone (2015) *Milwaukee, WI - (Moderate)
 - Waukesha County
 - 8-Hour Ozone (2015) *Milwaukee, WI - (Moderate)
- WYOMING**
- Lincoln County
 - 8-Hour Ozone (2008) *Upper Green River Basin Area, WY - (Marginal)
 - Sublette County
 - 8-Hour Ozone (2008) Upper Green River Basin Area, WY - (Marginal)
 - Sweetwater County
 - 8-Hour Ozone (2008) *Upper Green River Basin Area, WY - (Marginal)

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Exhibit 4b: Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

You are here: EPAHome > Green Book > >National Area and County-Level Multi-Pollutant Information >Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Data is current as of September 30, 2024

Listed by County, NAAQS, Area. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m³) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

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PUERTO RICO 

Important Notes

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County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
PUERTO RICO								
Arecibo Municipio	Lead (2008)	Arecibo, PR	1112131415161718192021222324	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	929394959697989900010203040506070809	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	18192021222324	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	52,441	72/137

Important Notes

Discover.

Connect.

Ask.

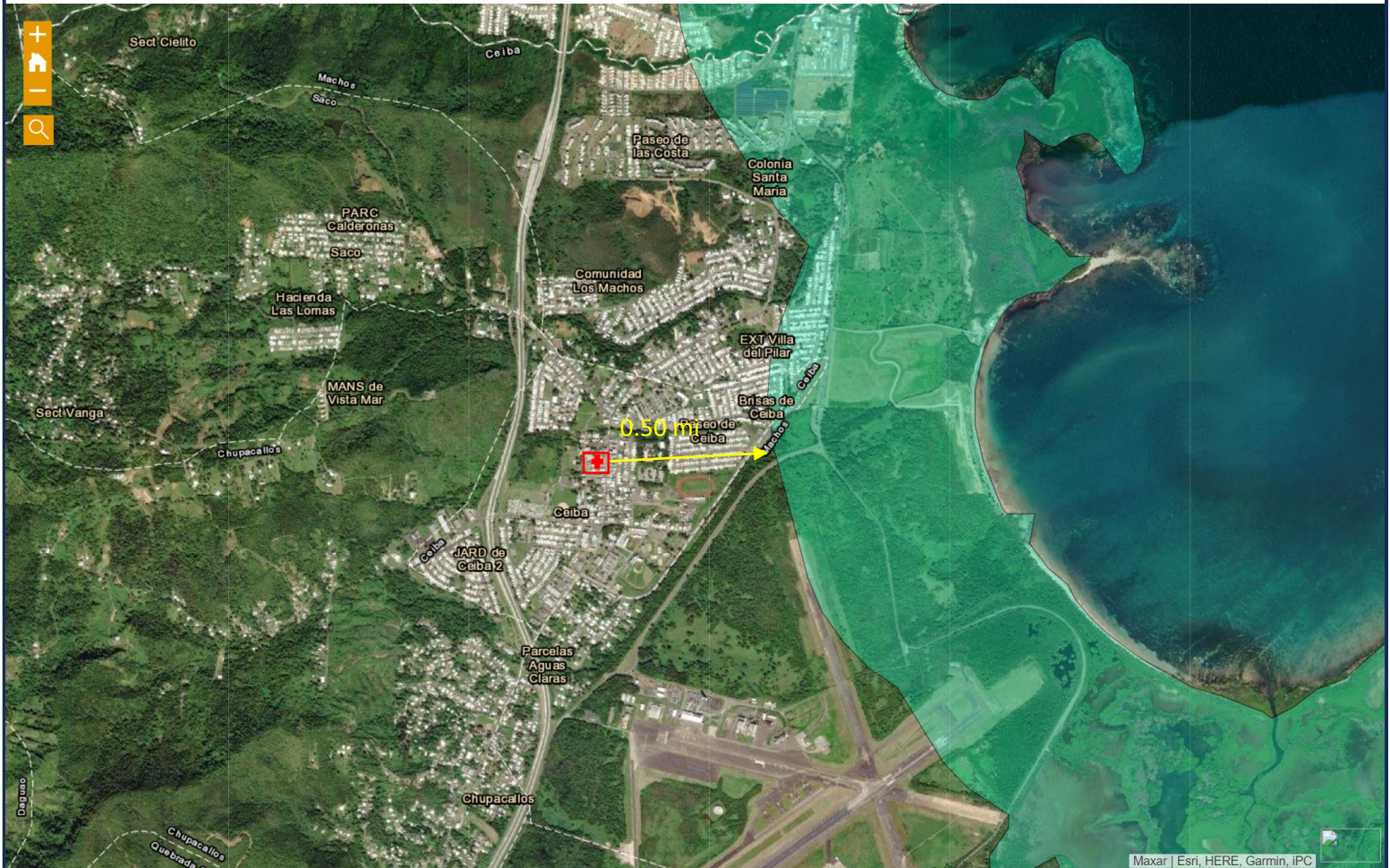
Follow.

2024-09-30

Exhibit 5: Coastal Zone Land Boundary – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735

Coordinates: 18.264664, -65.648287



August 23, 2024

Legend



Coastal Zone Land Boundary



Site



Project Point



Spatial Reference: NAD83 StatePlane
Puerto Rico Virgin Islands FIPS 5200 Feet

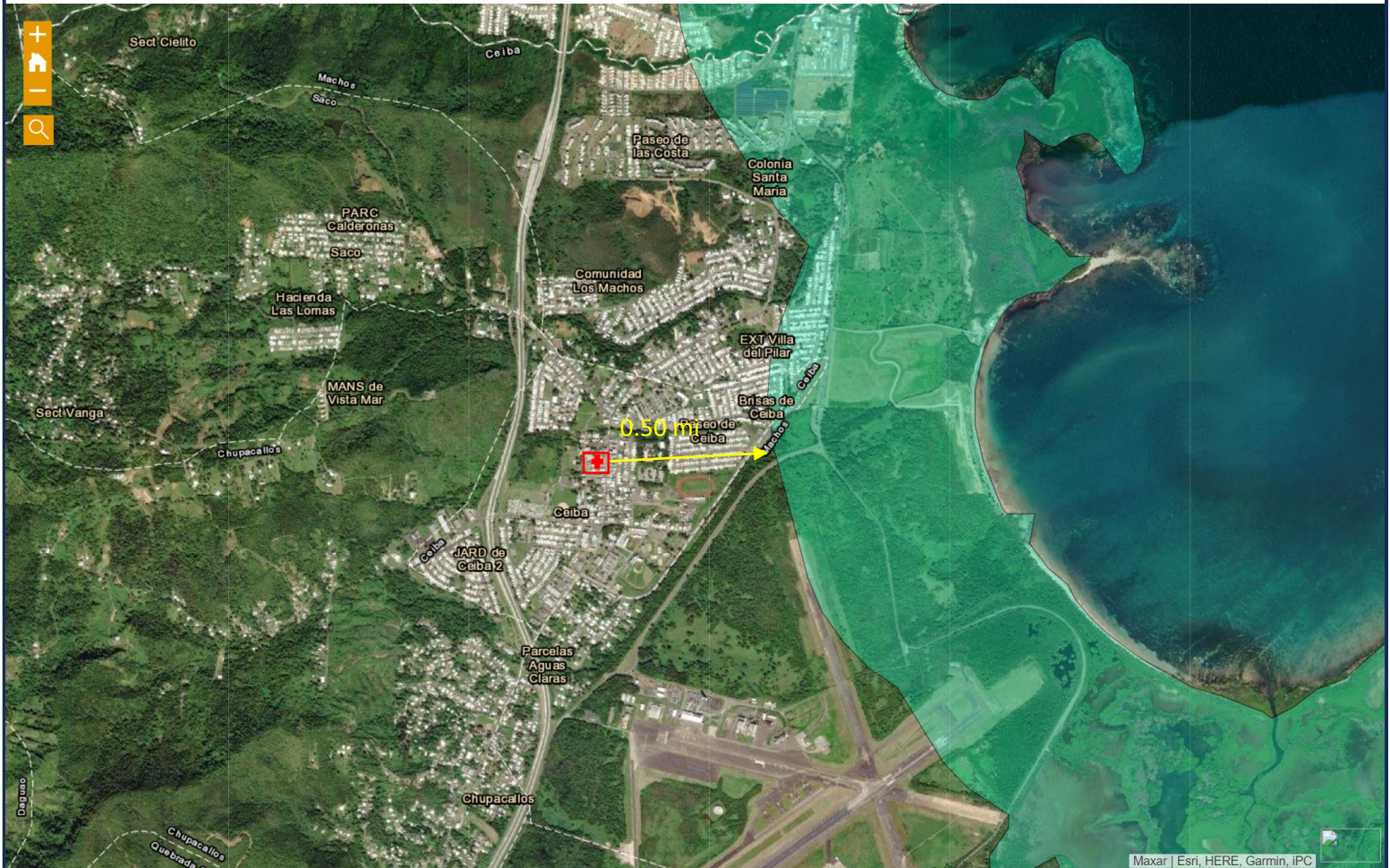
Source:

<https://drnapmzc.maps.arcgis.com/apps/MapTools/index.html?appid=e9e1788520a74242852b03494e739ea4>

Exhibit 5: Coastal Zone Land Boundary – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735

Coordinates: 18.264664, -65.648287



August 23, 2024

Legend



Coastal Zone Land Boundary



Site



Project Point



Spatial Reference: NAD83 StatePlane
Puerto Rico Virgin Islands FIPS 5200 Feet

Source:

<https://drnapmzc.maps.arcgis.com/apps/MapTools/index.html?appid=e9e1788520a74242852b03494e739ea4>

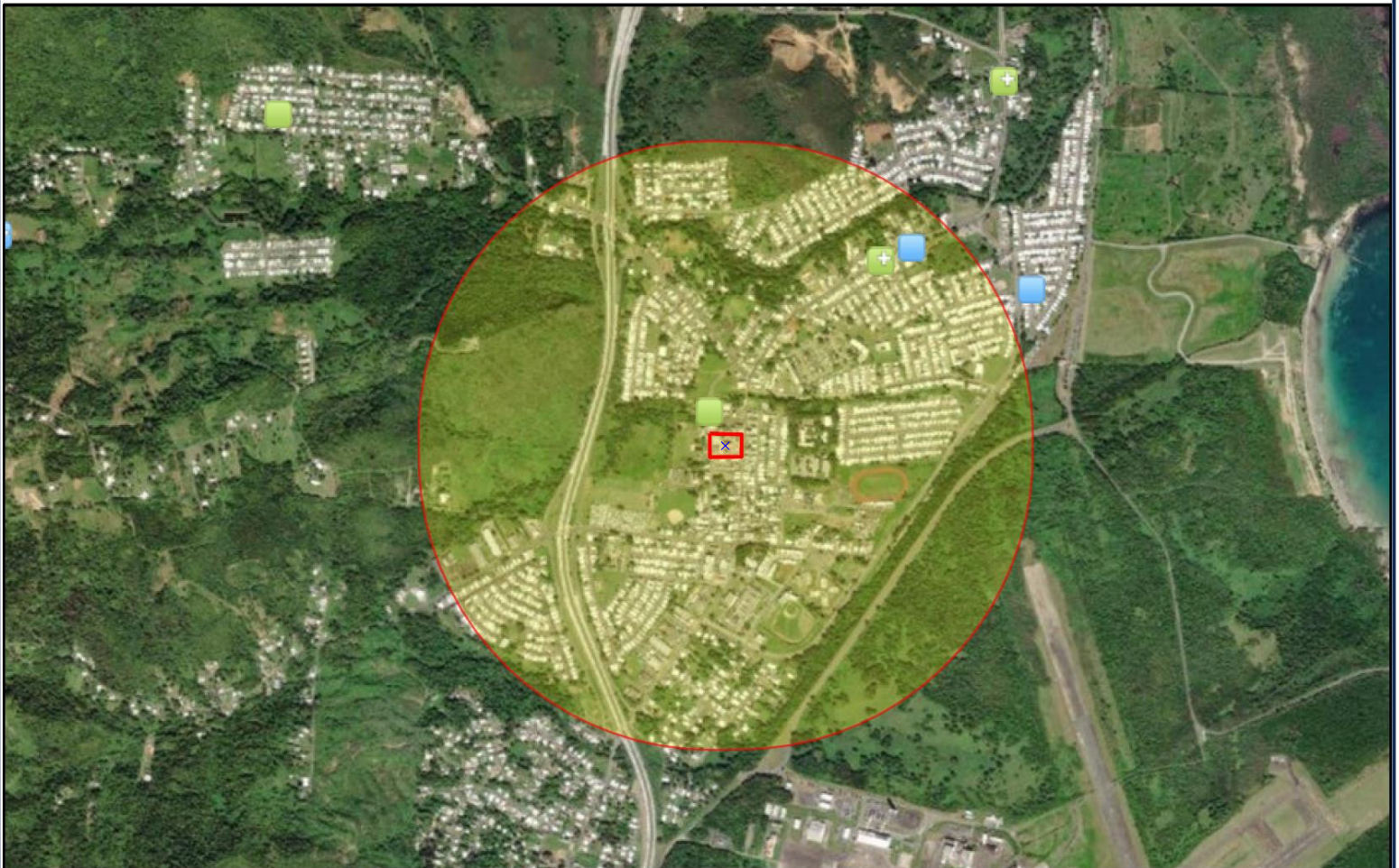
Exhibit 6: NEPAassist Radius Map – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico 00735

Coordinates: 18.264664, -65.648287

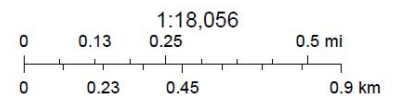


Letter ANSI A Landscape



August 23, 2024

- | | | |
|--|--|---|
|  Water Dischargers (NPDES) |  Hazardous Waste (RCRAInfo) |  Site |
|  Water Dischargers (NPDES) |  Hazardous Waste (RCRAInfo) |  Project Buffer 3,000 feet |
| | |  Project Point |



Spatial Reference: NAD83 StatePlane
Puerto Rico Virgin Islands FIPS 5200 Feet
Source:
<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>

Exhibit 6: JP GIS UST Map – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735

Coordinates: 18.26469, -65.648212



August 23, 2024



Spatial Reference: NAD83 StatePlane
Puerto Rico Virgin Islands FIPS 5200
Feet

Source: <https://gis.jp.pr.gov/mipr/>



Site



UST Radius (0.5 mi approx.)



Project Point

PR-CRP-000968 - Revitalization of Felisa Rincón de Gautier Public Plaza

Segment #1

Report question: *Within 3000 of a Water dischargers site? yes*

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



Name

Distance

☐ PRASA CIEBA (CEIBA,PR)

2583.06 feet

Report question: *Within 3000 of a Hazardous waste site? yes*

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



Name

Distance

☐ CEIBA STP (CEIBA,PR)

2583.06 feet

☐ R H PRODUCTS (CEIBA,PR)

2271.30 feet

☐ DEPT OF ED - SANTIAGO IGLESIAS PANTIN (CEIBA,PR)

229.87 feet

Segment #2

Report question: *Within 3000 of a Water dischargers site? yes*

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



Name

Distance

☐ PRASA CIEBA (CEIBA,PR)

2768.84 feet

Report question: *Within 3000 of a Hazardous waste site? yes*

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



Name

Distance

☐ CEIBA STP (CEIBA,PR)

2768.84 feet

☐ R H PRODUCTS (CEIBA,PR)

2466.47 feet

☐ DEPT OF ED - SANTIAGO IGLESIAS PANTIN (CEIBA,PR)

227.00 feet

I. NEPASSIST

The NEPAAssist database was reviewed, to identify EPA Facilities within 3,000 ft of Site:

A. Superfund:

✓ None identified by NEPAAssist

B. Brownfields:

✓ None identified by NEPAAssist

C. Toxic Release Sites (TRI):

✓ None identified by NEPAAssist

D. Water Dischargers Sites (NPDES):

1. PRASA Ceiba (AKA CEIBA STP)

Distance to Site: 2,583.06 feet northeast according to NEPAAssist

Address: State Road 3, KM 53.2, Ceiba PR 00635

FRS ID: 110006622663

NPDS ID: PR0020419

Universe: Major: NPDES Individual Permit-Permit Terminated; Compliance Tracking Off

Permit Expiration Date: 09/30/2009

Compliance Status: Violations identified as of date of last monitoring activity (07/10/2007).

Formal Enforcement Actions:

Case 02-2004-0008-PRASA V (Wastewater)- Judicial- VIOLATIONS OF NPDES PERMITS AT 61 WASTEWATER TREATMENT PLANTS THROUGHOUT PUERTO RICO. RECOMMEND ACTION BE TAKEN TO SECURE INJUNCTIVE RELIEF REQUIRING THE DEFENDANT TO OPERATE AND MAINTAIN THESE PLANTS IN ACCORDANCE WITH THEIR RESPECTIVE NPDES PERMITS AND THE CWA, TO MAKE CAPITAL IMPROVEMENTS WHERE NECESSARY TO ENSURE COMPLIANCE, AND TO OBTAIN A PENALTY FOR THE VIOLATIONS THAT HAVE OCCURRED. On January 10, 2007, the District Court of Puerto Rico entered the Consent Decree in this case. The settlement resolves the case filed against the Defendant for violations at sixty-one of its wastewater treatment plants. The Defendant will pay a cash penalty and complete a supplemental environmental project (SEP). The SEP requires the Defendant to identify one or more communities not currently connected to the wastewater treatment system and to connect such community(ies) to one of its treatment facilities. Enforcement Outcome: Superseded by Another Enforcement Action as of 05/23/2016.

Case Status (as of 05/23/2016): Closed Superseded

Total Federal Penalty Assessed or Agreed To: \$1,000,000

Total SEP Value: \$2,636,747

Compliance Action Cost: \$1,701,100,000

Case 02-2000-0004-PRASA IV- Judicial- NUMEROUS PUMP STATIONS IN THE PRASA SYSTEM ARE DISCHARGING RAW, UNTREATED SEWAGE INTO NAVIGABLE WATERS. THIS REPRESENTS AN ILLEGAL DISCHARGE WITHOUT A PERMIT AS WELL AS VIOLATION OF PERMIT OF WWTP TO WHICH THE PUMP STATION IS APPURTANENT. THREE PROPOSED DEFENDANTS, 16 FACILITIES (PUMP STATIONS 2 WWTP PERMITS FOR THE STATIONS). The Defendant's Pump Stations often fail, causing frequent and extensive raw sewage overflows throughout the island of Puerto Rico. The U.S. Department of Justice, on EPA's behalf, filed a federal civil action against the Defendants for egregious violations of the Clean Water Act and/or conditions in its respective National Pollutant Discharge Elimination System (NPDES) permits. EPA is alleging the Defendant's systemic and egregious failure to properly operate and maintain its approximately 600 pump stations warrants island-wide injunctive relief and the assessment of civil penalties against PRASA. The CD contains the following provisions: A proposed list of those pump stations in critical conditions requiring remedial actions and the submittal by Defendants of a schedule for completion of same (Group A Pump Stations); Implementation of the system wide O&M plan requested by EPA, which will be applicable to all Pump Stations across the Commonwealth, to be developed and implemented by Defendant and its operator in phases; Ondeo will be responsible for this future relief; Defendants shall draft and submit to EPA for approval a Spill Response and Cleanup Plan (SRCP) that specifies actions to be taken by Defendants for unanticipated bypasses from any pump station facility owned and/or operated by Defendants within Puerto Rico; Civil Penalties for past violations, for which only the Defendant and its past operator are liable for; Defendants jointly and severally shall establish and escrow account to fund the SEP. Pursuant to the SEP, Defendant shall evaluate Non-PRASA Systems consisting of privately-owned and operated water supplies in Puerto Rico, that are considered by EPA, in consultation with the Puerto Rico Department of Health (PRDOH), as substandard and which fail to comply with applicable safe drinking water standards. The evaluations will serve to determine what actions can be taken to bring the Non-PRASA Systems into compliance with such safe drinking water standards. Defendants will be subject to stipulated penalties for: (1) each day of unanticipated bypass, (2) each unanticipated bypass that is not reported to EPA, (3) failure to timely complete the specified remedial tasks for each Group A Pump Station, (4) failure to submit any of the deliverables required under this Consent Decree, and (5) each violation of the Rico. Enforcement Outcome: Superseded by Another Enforcement Action as of 05/23/2016.

Case Status (as of 05/23/2016): Closed Superseded

Total Federal Penalty Assessed or Agreed To: \$1,000,000

Total SEP Value: \$2,000,000

Compliance Action Cost: \$300,000,000

Case 02-1999-3314-PRASA- CIEBA WWTP- Administrative- Formal- RAW SEWAGE DISCHARGES OCCURRED FROM THE PUMP STATION DUE TO LACK OF O&M AT THE STATION. Enforcement Outcome: Final Order with Penalty as of 06/30/2000

Case Status (as of 06/30/2000): Closed

Total Federal Penalty Assessed or Agreed To: \$90,000

Compliance Action Cost: \$0

Case 02-1999-3032-PRASA - CEIBA- Administrative- Formal- COMPLIANCE ORDER ISSUED FOR EFFLUENT LIMIT VIOLATIONS. Enforcement Outcome: Unilateral Administrative Order Without Adjudication as of 08/30/1999.

Case Status (as of 08/30/1999): Closed

Total Federal Penalty Assessed or Agreed To: \$0

Compliance Action Cost: \$0

Case 02-1999-3014-PRASA- CEIBA WWTP- Administrative- Formal- Violation of A Permit Requirement - NPDES Discharge without a Permit, Clean Water Act. Enforcement Outcome: Unilateral Administrative Order Without Adjudication as of 03/11/1999

Case Status (as of 03/11/1999): Closed

Total Federal Penalty Assessed or Agreed To: \$0

Compliance Action Cost: \$25,000

Case 02-1998-0425-PRASA- CEIBA WASTEWATER TREATMENT PLANT- Administrative- Formal- PRASA FAILED TO PROVIDE PROPER OPERATING AND MAINTENANCE OF SANTA MARIA PUMP STATION AND ALLOWED UNAUTHORIZED DISCHARGE IN VIOLATION OF NPDES PERMIT - NPDES Discharge without a Permit. Enforcement Outcome: Final Order with Penalty as of 10/20/1999.

Case Status (as of 10/20/1999): Closed

Total Federal Penalty Assessed or Agreed To: \$18,545

Compliance Action Cost: \$0

Case 02-1997-0210-PRASA- CEIBA WWTP- LAS VEGAS PUMP STATION- Administrative- Formal- Violation of a Permit Required: NPDES Discharge without a Permit. Enforcement Outcome: Unilateral Administrative Order Without Adjudication as of 06/30/1997

Case Status (as of 06/30/1997): Closed

Total Federal Penalty Assessed or Agreed To: \$0

Compliance Action Cost: \$22,500

Case 02-1997-0209-PRASA- CEIBA WWTP- LAS GAVIOTAS- Administrative-Formal- Violation of A Permit Requirement: NPDES Discharge without a Permit. Enforcement Outcome: Unilateral Administrative Order Without Adjudication as of 06/30/1997

Case Status (as of 06/30/1997): Closed

Total Federal Penalty Assessed or Agreed To: \$0
Compliance Action Cost: \$2,500

Case 02-1997-0050-PRASA- CEIBA WWTP- SANTA MARIA
P.S.- Administrative- Formal- Mechanical Integrity-NPDES Discharge without a Permit Enforcement. Outcome: Unilateral Administrative Order Without Adjudication as of 12/27/1996.
Case Status (as of 12/17/1996): Closed
Total Federal Penalty Assessed or Agreed To: \$0
Compliance Action Cost: \$2,500

Case 02-1997-0049-PRASA- CEIBA WWTP- VILLA
PENETRO- Administrative- Formal- Mechanical Integrity-NPDES Discharge without a Permit. Enforcement Outcome: Unilateral Administrative Order Without Adjudication as of 12/27/1996.
Case Status (as of 12/27/1996): Closed
Total Federal Penalty Assessed or Agreed To: \$0
Compliance Action Cost: \$0

No other significant noncompliance or high priority violations as of 12/31/2022

According to the information available, these facilities do not appear to present an environmental concern for the Site regarding the NPDES Program.

E. Hazardous Waste (RCRA):

1. CEIBA STP (AKA PRASA Ceiba)

Distance to Site: 2,583.06 feet northeast according to NEPAssist

Address: State Rd 3 Km 53.2, Ceiba PR 00635

FRS ID: 110006622663

RCRA ID: PRD000689398

Handler Type: Not in a universe, Inactive

Compliance Status: No significant noncompliance or high priority violation as of 06/03/2023

2. R H PRODUCTS

Distance to Site: 2,271.30 feet northeast according to NEPAssist

Address: Parque Ind Ceiba Carr. 979, Ceiba PR 00735

FRS ID: 110004890262

RCRA ID: PRD987380730

Handler Type: Very Small Quantity Generator (VSQG), Active

Compliance Status: No violation identified as of date of last compliance monitoring activity (10/31/2006) and no significant noncompliance or high priority violation as of 06/03/2023.

3. DEPT OF ED - SANTIAGO IGLESIAS PANTIN

Distance to Site: 227.00 feet north according to NEPAssist; 479 ft east according to address

Address: Calle Francisco Gauthier Urb, Ceiba PR 00735

FRS ID: 110007803671

RCRA ID: PR0001008077

Handler Type: Other, Inactive

Compliance Status: No violation identified as of date of last compliance monitoring activity (10/31/2006) and no significant noncompliance or high priority violation as of 06/03/2023.

According to the information available, these facilities do not appear to present an environmental concern for the Site with regard to RCRA.

II. Additional information from EDR Radius Report:

1. Leaking UST List LUST:

The DNER maintains a list of Leaking Underground Storage Tanks (LUST) incident reports. According to the LUST list available from PREQB (2020), the following LUST sites are located within 0.5 miles (0.8 km) from the Site.

Active LUST:

1. UST ID 86-1085 ESSO S/S CO-179 (AKA Race Car)

Distance to Site: 0.29 mi south according to PRDNER

Address: Road 3 Km 52 Ceiba, PR 00735

Status: Active LUST according to PR DNER 2020 lists; the facility is owned by Esso Standard Oil Co, and the leak was discovered on January 19, 1999, during UST removal.

The direction of the plume and the current status of the leak are unknown. Site topography suggests that releases at this site are not expected to have had the potential to migrate to affect the subject property, thus it does not appear to present an environmental concern.

Inactive LUST:

1. UST ID 86-1712 Ceiba S/S #967

Distance to Site: 0.21 mi north according to PRDNER

Address: Road 3 Km 53.7 Ceiba, PR 00735

Status: Inactive LUST according to PR DNER 2020 lists; the facility is owned by Texaco Puerto Rico and the leak was discovered on September 17, 1996, during UST removal. It was released from further investigation and remedial actions by the DNER on August 27, 2007.

Since the site is separated from the project location by an unnamed creek and it was released from further investigation by the PRDNER, releases at this site are not expected to have had the potential to migrate to affect the subject property, thus it does not appear to present an environmental concern.

2. UST ID 86-1240 ESSO SS 2P-180

Distance to Site: 0.48 mi northeast according to PRDNER

Address: Road 2 KM 56.9 Barrio Macho, Ceiba, PR 00735

Status: Inactive LUST according to PR DNER 2020 lists; the facility is owned by Esso Standard Oil Co, and the leak was discovered on May 26, 1998, during UST removal. It was released from further investigation and remedial actions by the DNER on November 30, 2001.

Since the site is separated from the project location by an unnamed creek and it was released from further investigation by the PRDNER, releases at this site are not expected to have had the potential to migrate to affect the subject property, thus it does not appear to present an environmental concern.

B. No facilities listed in EDR for:

1. **Federal NPL Site List** (within 1.0 mile (1.6 km) of the Site)
2. **Federal Delisted NPL Site List** (within 0.5 mile (0.8 km) of the Site)
3. **Federal CERCLIS List** (within 0.5 miles (0.8 km) of the Site)
4. **Federal CERCLA-NFRAP List** (within 0.5 miles (0.8 km) of the Site)
5. **Federal RCRA CORRACTS Facilities List** (within 1.0 mile (1.6 km) of the Site)
6. **Federal RCRA non-CORRACTS TSD Facilities List** (0.5 miles (0.8 km) of the Site)
7. **Institutional Control/Engineering Control Registries** (Site)
8. **Federal ERNS List** (Site)

C. Information provided by the PREQB:

1. The Environmental Emergencies Department of the DNER did not respond to our query regarding this issue (information requested on September 18, 2022).
2. According to the DNER Land Contamination Program's Landfill Lists, there are no landfills within 0.5 miles (0.8 km) from the Site. Upon inquiry to the DNER, they had no active investigations at the Site.
3. The DNER UST Program did not respond to our query regarding this issue (information requested on September 18, 2022).

**Supporting Documents for Exhibit 6a
NEPAssist Identified
Facilities within 3,000 ft**

Segment 1 Ceiba Plaza

Map



Geographic coordinates:

LINE (18.264987,-65.648974,18.264971,-65.647945,18.264327,-65.647987)
with buffer 3000 feet

Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the [EPA Regions](#). Click on the hyperlinked question to view the data source and associated metadata.

National Report

Length of digitized line	0.11 mi
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 a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
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 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?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here
	May take several minutes
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

Report Prepared on July 2023

Within 3000 feet of an air emission facility?	no
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 Toxic Substances Control Act (TSCA) 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?	no
Within 3000 feet of a Munitions Response Site?	no
Within 3000 feet of an Essential Fish Habitat (EFH)?	no
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?	yes
Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Save to Excel Save as PDF	

Puerto Rico Report

Demographic Reports

USFWS IPaC Report

Segment 2 Ceiba Plaza

Map



Geographic coordinates:

LINE (18.264995,-65.648957,18.264319,-65.648949,18.264319,-65.647970)
with buffer 3000 feet

Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the [EPA Regions](#). Click on the hyperlinked question to view the data source and associated metadata.

National Report

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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?	no
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 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?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here
	May take several minutes
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

Report Prepared on July 2023

Within 3000 feet of an air emission facility?	no
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
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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?	yes
Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Save to Excel Save as PDF	

Puerto Rico Report

Demographic Reports

USFWS IPaC Report



Ceiba

Ceiba PR

Ceiba, PR 00735

Inquiry Number: 7397138.2s

July 24, 2023

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Report Prepared on July 2023

FORM-LBE-DVV

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	8
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

CEIBA PR
CEIBA, PR 00735

COORDINATES

Latitude (North):	18.2645510 - 18° 15' 52.38"
Longitude (West):	65.6484010 - 65° 38' 54.24"
Universal Tranverse Mercator:	Zone 20
UTM X (Meters):	219969.6
UTM Y (Meters):	2021362.6
Elevation:	74 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12360404 FAJARDO, PR
Version Date:	2018
Southwest Map:	12360414 NAGUABO, PR
Version Date:	2018

MAPPED SITES SUMMARY

Target Property Address:
CEIBA PR
CEIBA, PR 00735

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ESSO S/S #CO-180	CARR. #3 KM. 56.9, B	LUST	Higher	1700, 0.322, South
A2	ESSO CO-179	CARR #3 KM 5.2	LUST	Higher	1700, 0.322, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Underground Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated

EXECUTIVE SUMMARY

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
MINES MRDS.....	Mineral Resources Data System
PFAS TRIS.....	List of PFAS Added to the TRI

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tanks.

A review of the LUST list, as provided by EDR, and dated 09/24/2020 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ESSO S/S #CO-180 Facility Id: 86-1240	CARR. #3 KM. 56.9, B	S 1/4 - 1/2 (0.322 mi.)	A1	7
ESSO CO-179 Facility Id: 86-1085	CARR #3 KM 5.2	S 1/4 - 1/2 (0.322 mi.)	A2	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

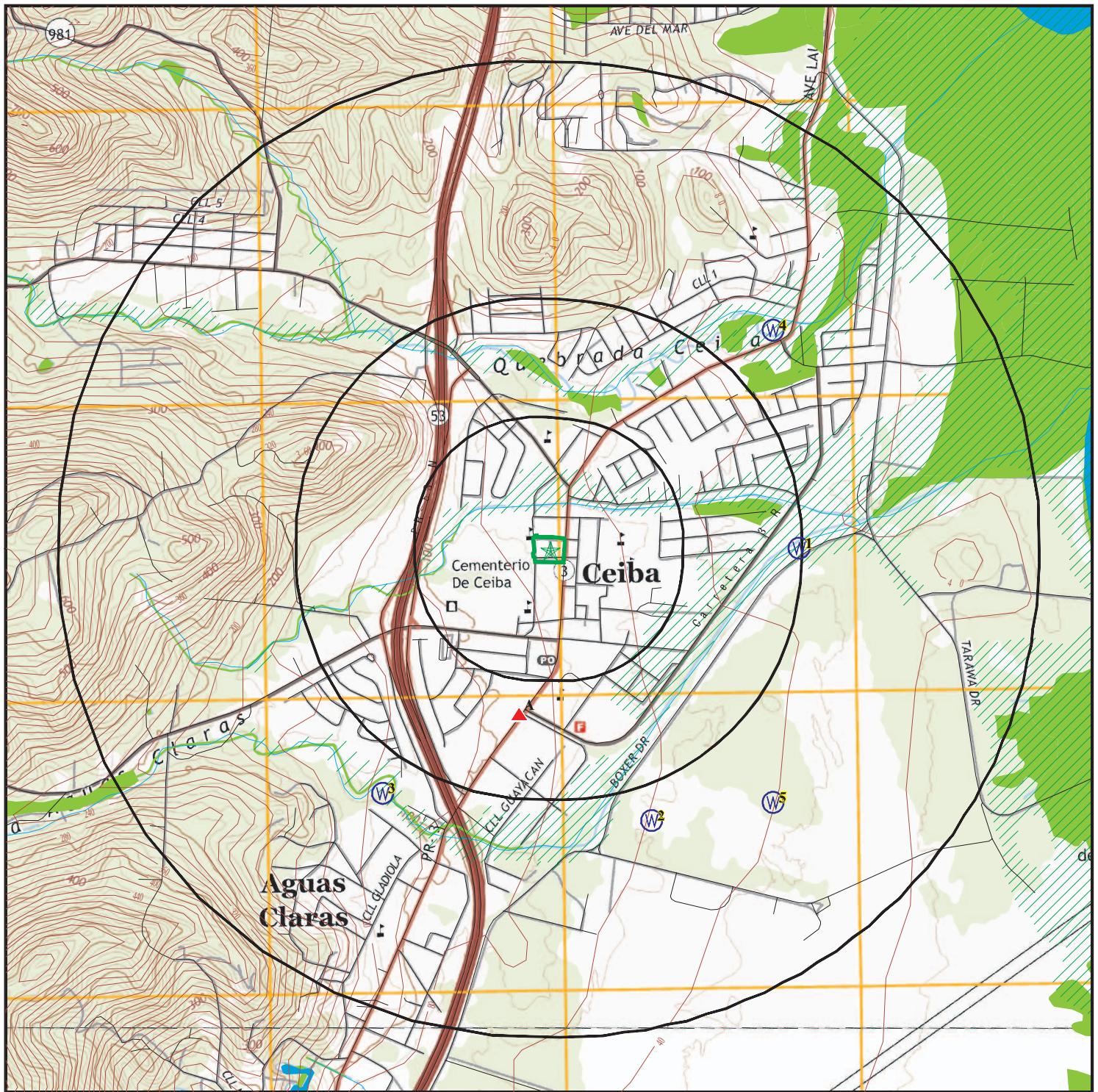
Site Name

CEIBA S/S

Database(s)

LUST

OVERVIEW MAP - 7397138.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory

0 1/4 1/2 1 Miles

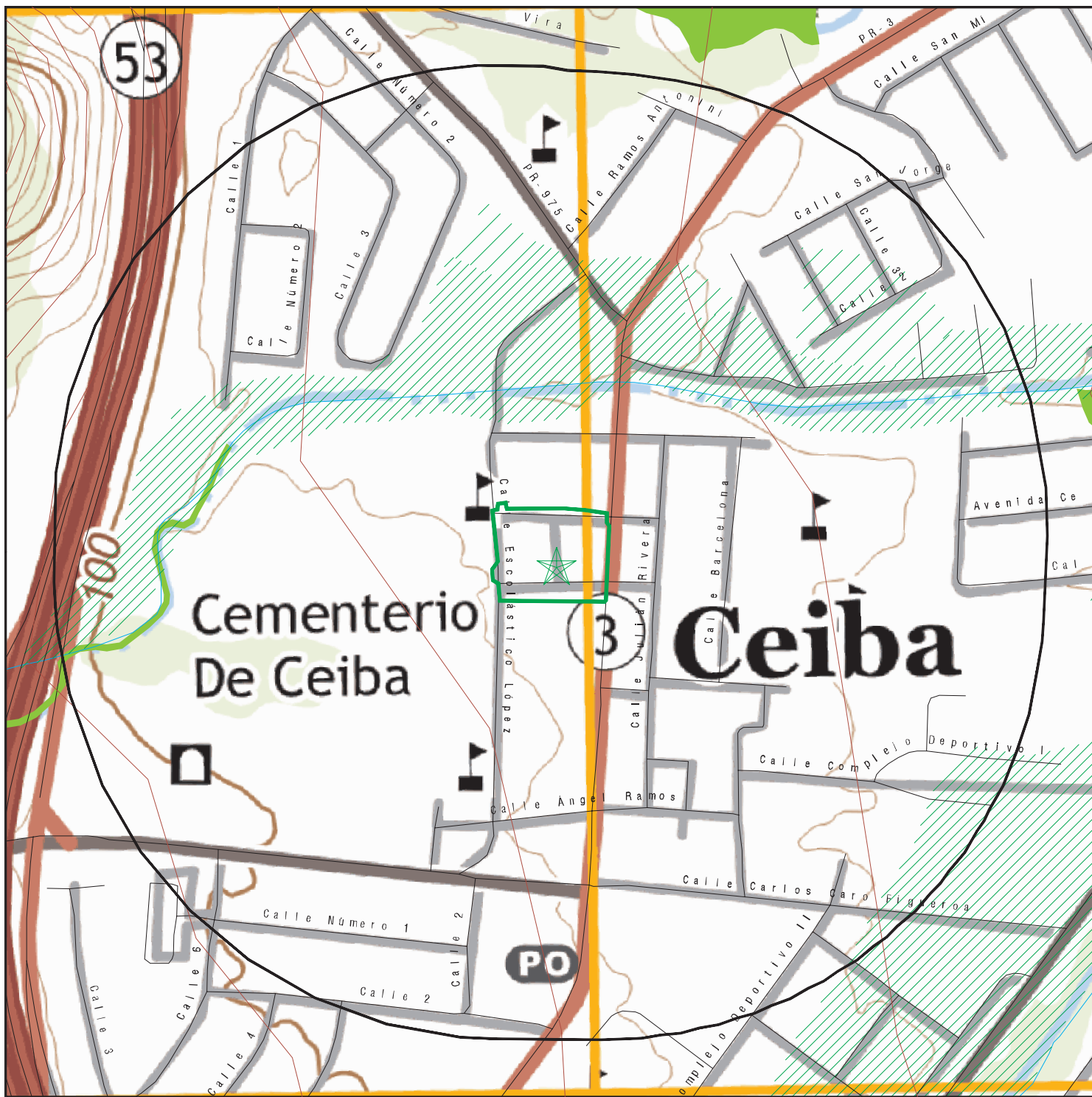


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Ceiba
 ADDRESS: Ceiba PR
 Ceiba PR 00735
 LAT/LONG: 18.264551 / 65.648401

CLIENT: AVA Environmental Consultants Inc.
 CONTACT: Augusto Velazquez
 INQUIRY #: 7397138.2s Report Prepared on July 2023
 DATE: July 24, 2023 8:08 am

DETAIL MAP - 7397138.2S



- Target Property**

 - Sites at elevations higher than or equal to the target property
 - Sites at elevations lower than the target property
 - Manufactured Gas Plants
 - Sensitive Receptors
 - National Priority List Sites
 - Dept. Defense Sites

0 1/16

 - Indian Reservations BIA
 - Special Flood Hazard Area (1%)
 - 0.2% Annual Chance Flood Hazard
 - National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Ceiba
ADDRESS: Ceiba PR
Ceiba PR 00735
LAT/LONG: 18.264551 / 65.648401

CLIENT: AVA Environmental Consultants Inc.
CONTACT: Augusto Velazquez
INQUIRY #: 7397138.2s Report Prepared on July 2023
DATE: July 24, 2023 8:09 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	2	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
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EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST	0.001		0	NR	NR	NR	NR	0
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- Totals --		0	0	0	2	0	0	2
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
South
1/4-1/2
0.322 mi.
1700 ft.
Site 1 of 2 in cluster A

LUST **S105421727**
N/A

Relative: PR LUST:
Higher Name: ESSO S/S #CO-180
Address: CARR. #3 KM. 56.9, BO. MACHO
Actual: City,State,Zip: CEIBA, PR
90 ft. Facility ID: 86-1240
Status: INACTIVE
Released: Yes
Released Date: 30-Nov-01
How Known: Product in MW
Date Known: 26-May-98
Owner Name: Esso Standard Oil Co.

A2
South
1/4-1/2
0.322 mi.
1700 ft.
Site 2 of 2 in cluster A

LUST **S105840987**
N/A

Relative: PR LUST:
Higher Name: ESSO CO-179
Address: CARR #3 KM 5.2
Actual: City,State,Zip: CEIBA, PR
90 ft. Facility ID: 86-1085
Status: ACTIVE
Released: No
Released Date: Not reported
How Known: UST Removal
Date Known: 19-Jan-99
Owner Name: Esso Standard Oil Co.

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CEIBA	S106917744	CEIBA S/S	CARR. 3 KM. 53.7, AVE. LAURO P		LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: N/A
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: N/A
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2023
Date Data Arrived at EDR: 03/28/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/23/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/08/2023	Source: Department of the Navy
Date Data Arrived at EDR: 02/09/2023	Telephone: 843-820-7326
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/20/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/20/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/20/2023

Date Data Arrived at EDR: 03/21/2023

Date Made Active in Reports: 05/30/2023

Number of Days to Update: 70

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/20/2023

Next Scheduled EDR Contact: 10/02/2023

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: Environmental Quality Board

Telephone: 787-767-8181

Last EDR Contact: 08/22/2005

Next Scheduled EDR Contact: 11/21/2005

Data Release Frequency: N/A

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/24/2020

Date Data Arrived at EDR: 02/09/2021

Date Made Active in Reports: 05/04/2021

Number of Days to Update: 84

Source: Environmental Quality Board

Telephone: 787-767-8056

Last EDR Contact: 07/20/2023

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023

Date Data Arrived at EDR: 05/09/2023

Date Made Active in Reports: 07/14/2023

Number of Days to Update: 66

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 07/17/2023

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023

Date Data Arrived at EDR: 05/09/2023

Date Made Active in Reports: 07/14/2023

Number of Days to Update: 66

Source: EPA Region 1

Telephone: 617-918-1313

Last EDR Contact: 07/17/2023

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tank Facilities
Underground storage tank site locations.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 03/26/2008
Date Made Active in Reports: 04/23/2008
Number of Days to Update: 28

Source: Environmental Quality Board
Telephone: 787-767-8056
Last EDR Contact: 07/20/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6137
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023	Source: EPA Region 9
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3368
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-9424
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/13/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/19/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/08/2023
Date Data Arrived at EDR: 05/16/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/16/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/10/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/13/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/01/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/16/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/19/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 83

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 06/12/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: 202-564-6023
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/07/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/15/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/12/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/22/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2023
Date Data Arrived at EDR: 04/20/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/05/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023	Source: Department of Energy
Date Data Arrived at EDR: 03/03/2023	Telephone: 202-586-3559
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 04/26/2023
Number of Days to Update: 98	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/24/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/26/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/02/2023	Telephone: 703-603-8787
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/22/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admini
Telephone: 202-693-9424
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/17/2023
Date Data Arrived at EDR: 03/17/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 74

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 24

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/25/2023
Date Data Arrived at EDR: 03/31/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 54

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGALUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Environmental Quality Board in Puerto Rico.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 187

Source: Environmental Quality Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/10/2022
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CEIBA
CEIBA PR
CEIBA, PR 00735

TARGET PROPERTY COORDINATES

Latitude (North):	18.264551 - 18° 15' 52.38"
Longitude (West):	65.648401 - 65° 38' 54.24"
Universal Tranverse Mercator:	Zone 20
UTM X (Meters):	219969.6
UTM Y (Meters):	2021362.6
Elevation:	74 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12360404 FAJARDO, PR
Version Date:	2018
Southwest Map:	12360414 NAGUABO, PR
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

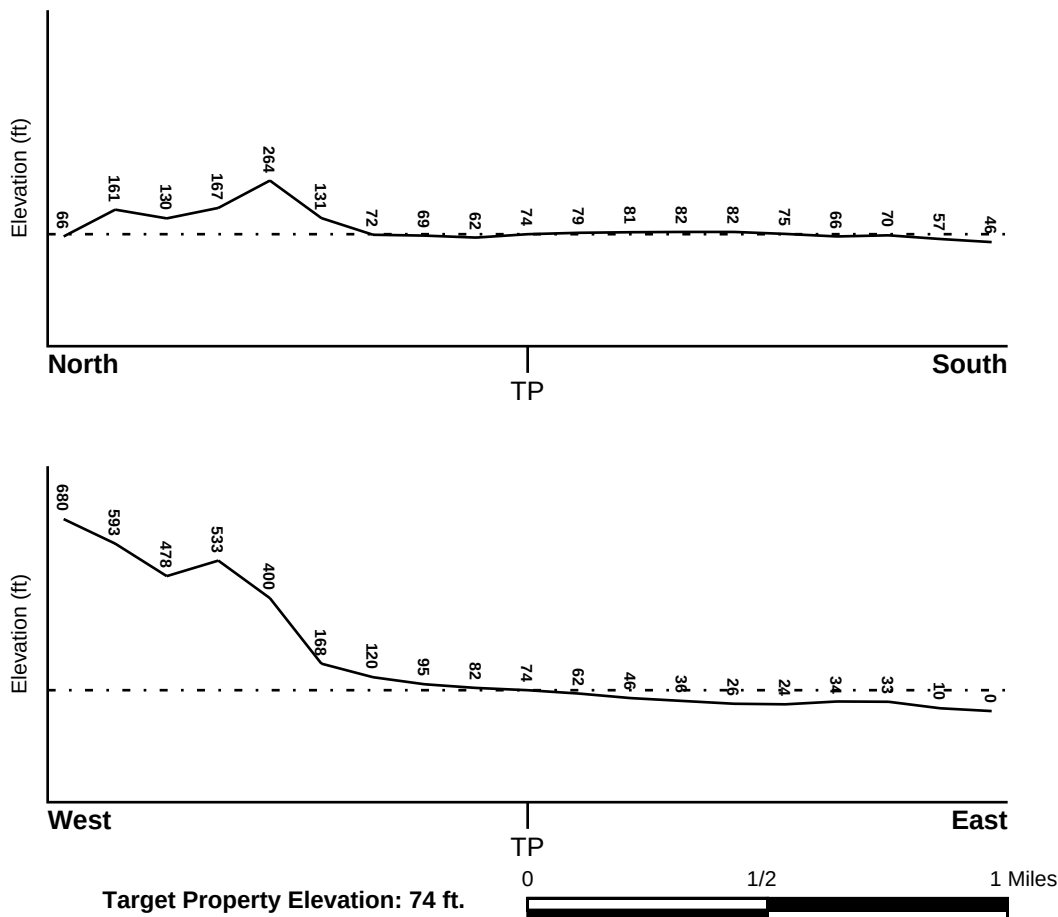
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
7200000192B	FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
7200000129D	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
Not Reported	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: -
System: -
Series: -
Code: N/A (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: COLOSO

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 6.50 Min: 5.60
2	7 inches	60 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.06	Max: 6.50 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: clay
gravelly - sand
sandy loam
clay loam
silty clay
loam

Surficial Soil Types: clay
gravelly - sand
sandy loam
clay loam
silty clay
loam

Shallow Soil Types: loam
very fine sandy loam
silty clay

Deeper Soil Types: clay
sandy loam
stratified
coarse sand
silty clay

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile

FEDERAL USGS WELL INFORMATION

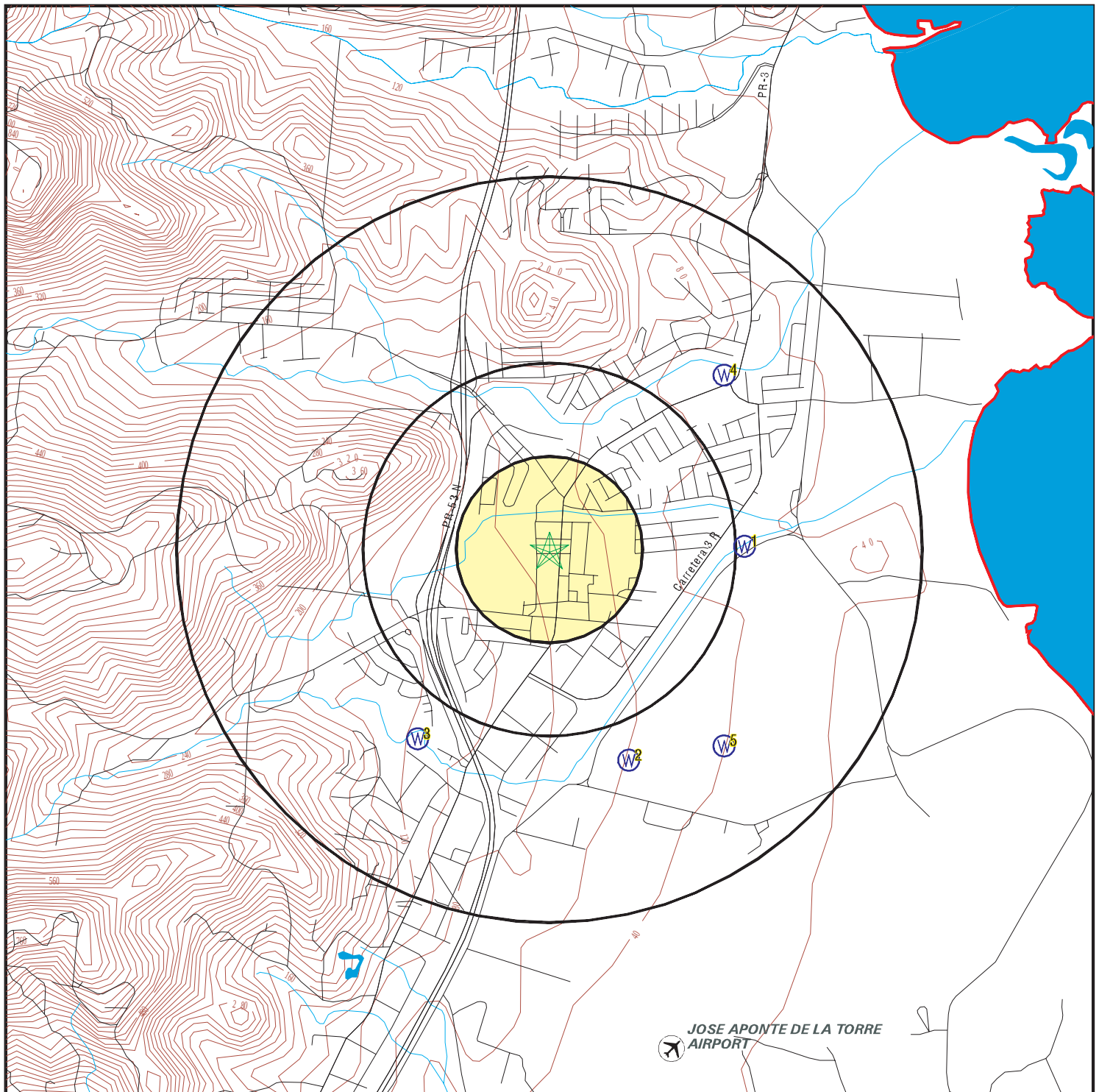
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40001044883	1/2 - 1 Mile East
2	USGS40001044838	1/2 - 1 Mile SSE
3	USGS40001044846	1/2 - 1 Mile SW
4	USGS40001044909	1/2 - 1 Mile NE
5	USGS40001044845	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

PHYSICAL SETTING SOURCE MAP - 7397138.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

0 1/4 1/2 1 Miles



SITE NAME: Ceiba ADDRESS: Ceiba PR Ceiba PR 00735 LAT/LONG: 18.264551 / 65.648401	CLIENT: AVA Environmental Consultants Inc. CONTACT: Augusto Velazquez INQUIRY #: 7397138.2s Report Prepared on July 2023 DATE: July 24, 2023 8:09 am
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
East
1/2 - 1 Mile
Lower

FED USGS USGS40001044883

Organization ID:	USGS-PR	Type:	Well
Organization Name:	USGS Puerto Rico Water Science Center	HUC:	21010005
Monitor Location:	CEIBA 12 WELL, CEIBA, PR	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Not Reported
Contrib Drainage Area:	Not Reported	Construction Date:	1941
Aquifer:	Not Reported	Well Depth Units:	Not Reported
Aquifer Type:	Not Reported	Well Hole Depth Units:	ft
Well Depth:	Not Reported		
Well Hole Depth:	29.14		

Ground water levels,Number of Measurements:	1	Level reading date:	1945-11-08
Feet below surface:	7.28	Feet to sea level:	Not Reported
Note:	Not Reported		

2
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40001044838

Organization ID:	USGS-PR	Type:	Well
Organization Name:	USGS Puerto Rico Water Science Center	HUC:	21010005
Monitor Location:	CEIBA 16 WELL, CEIBA, PR	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Not Reported
Contrib Drainage Area:	Not Reported	Construction Date:	1941
Aquifer:	Not Reported	Well Depth Units:	Not Reported
Aquifer Type:	Not Reported	Well Hole Depth Units:	ft
Well Depth:	Not Reported		
Well Hole Depth:	29.1		

Ground water levels,Number of Measurements:	1	Level reading date:	1945-11-08
Feet below surface:	6.13	Feet to sea level:	Not Reported
Note:	Not Reported		

3
SW
1/2 - 1 Mile
Higher

FED USGS USGS40001044846

Organization ID:	USGS-PR	Type:	Well
Organization Name:	USGS Puerto Rico Water Science Center	HUC:	21010005
Monitor Location:	CEIBA 23 WELL, CEIBA, PR	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Not Reported
Contrib Drainage Area:	Not Reported	Construction Date:	1941
Aquifer:	Not Reported	Well Depth Units:	Not Reported
Aquifer Type:	Not Reported	Well Hole Depth Units:	ft
Well Depth:	Not Reported		
Well Hole Depth:	27.45		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	1	Level reading date:	1941
Feet below surface:	5.92	Feet to sea level:	Not Reported
Note:	Not Reported		

4
NE
1/2 - 1 Mile
Lower

FED USGS USGS40001044909

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	CEIBA 10 WELL, CEIBA, PR	Type:	Well
Description:	Not Reported	HUC:	21010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1915
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	300	Well Hole Depth Units:	ft

5
SE
1/2 - 1 Mile
Lower

FED USGS USGS40001044845

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	CEIBA 15 WELL, CEIBA, PR	Type:	Well
Description:	Not Reported	HUC:	21010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1941
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	15.84	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	1	Level reading date:	1941
Feet below surface:	3.91	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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GOBIERNO DE PUERTO RICO
DEPARTAMENTO DE RECURSOS NATURALES Y AMBIENTALES

1 de noviembre de 2022

Annette M. Fernández Rosario, P.E., LEED
NGBS Green Verifier

VIA-E-MAIL
avaenvironmental@gmail.com

Plaza de Ceiba
Ceiba, PR

Estimada señora Fernández Rosario:

La División de Cumplimiento de Desperdicios Peligrosos (DCDP) del Área de Contaminación de Terrenos ha recibido su carta con fecha del 18 de septiembre de 2022 y recibida por correo electrónico, en la cual está requiriendo información para completar una Evaluación Ambiental Fase I a la propiedad en referencia.

Luego de hacer una revisión a nuestros expedientes utilizando los datos provistos por usted, hemos encontrado que **no** tenemos información **activa** relacionada a alguna instalación que trate, almacene y disponga desperdicios peligrosos o de alguna acción correctiva efectuándose en el lugar bajo nuestra jurisdicción.

Queremos señalar que la información que podemos proveerle es única y exclusivamente concerniente al manejo de desperdicios peligrosos o acciones correctivas relacionadas al mal manejo de estos. Esta carta no puede ser tomada como incluyente de toda la posible información existente en otros programas del Departamento de Recursos Naturales y Ambientales.

En caso de tener alguna pregunta, puede comunicarse a nuestra División a los correos electrónicos mariacolon@drna.pr.gov o a lornarodriguez@drna.pr.gov o al teléfono 787-999-2200 ext. 6296.

Cordialmente,

FIRMADO Y APROPADO



Exhibit 6c: Memorandum of Justification for the Infeasibility and Impracticability of Radon Testing

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735
Coordinates: 18.264664, -65.648287

Memorandum to File

Date: October 4, 2024


From: Annette M Fernandez Rosario, PE, PA, IPV, LEED AP, Green Verifier
Environmental Consultant
CDBG-DR Program
CRP Program
Puerto Rico Department of Housing

Application Number: PR-CRP-000968

Project: Revitalización Plaza Publica Felisa Rincón

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-CRP-000968 under the CRP 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), we have 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 reasons:

- 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 sent information requests to six (6) local agencies at the state and federal levels. We 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.

Exhibit 6b: Asbestos and Lead Survey

ASBESTOS-CONTAINING MATERIALS SURVEY

PLAZA FELISA RINCÓN DE GAUTIER

267 Ave. Lauro Piñero,
Ceiba, Puerto Rico 00735



Inspection Date: October 5, 2022

Prepared for: Municipio de Ceiba

Prepared by: Nortol Environmental &
Occupational Safety, Inc. (as BR&A, LLC subcontractor)

Inspector:


Angelee Cordón
Asbestos Inspector
ASB-0322-0095-SI



NORTOL has performed this survey in a thorough and professional manner consistent with commonly accepted industry standards.

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Table of Contents

Acronyms 3

Introduction 4

Asbestos Survey Report 4

 Survey Protocol

 Sampling Procedures

 Regulatory Review

 Survey Areas – Extent of Survey Coverage

 Findings

Conclusion 7

Attachment 1 – Inspector’s Credential

Attachment 2 – Representative Pictures\Photograph Log

Attachment 3 – Certification for Non-Presence Asbestos (PGC-009)



Acronyms

A/C	=	Air Conditioning
ACM	=	Asbestos-containing Material
ACBM	=	Asbestos-containing Building Material
AHERA	=	Asbestos Hazard Emergency Response Act
ASHARA	=	Asbestos School Hazard Abatement and Reauthorization Act
CFR	=	Code of Federal Regulations
CPSC	=	Consumer Product Safety Commission
EPA	=	Environmental Protection Agency
Ft ²	=	square feet
HUD	=	Department of Housing and Urban Development
LF	=	Linear Feet
mg/cm ²	=	milligrams per square centimeter
NESHAP'S	=	National Emission Standards for Hazardous Air Pollutants
NIOSH	=	National Institute for Occupational Safety and Health
OSHA	=	Occupational Safety and Health Administration
PLM	=	Polarized Light Microscopy
PRDOH	=	Puerto Rico Department of Housing
PRDNER	=	Puerto Rico Department of Natural and Environmental Resources
SACM	=	Suspect ACM
SOW	=	Scope of Work
TSI	=	Thermal System Insulation
VFT	=	Vinyl floor tiles



I. INTRODUCTION

As part of the environmental due diligence, this survey is intended to assess the general presence, quantity, and location of suspected asbestos-containing materials (SACM) at Plaza Felisa Rincón De Gautier property located at 267 Ave. Lauro Piñero, Ceiba PR 00735.

The SACM survey was conducted on October 5, 2022, by Ms. Angelee Córdón (ACM inspector num. ASB-0422-0136-SI) from Nortol. Inspector's credential is included in the **Attachment 1**. Nortol's survey areas and report are limited to the details provided in the Section II part D.

Nortol did not identified suspect materials at the reference project, hence no bulk samples were collected nor sent to the laboratory for analysis. In addition, no suspect material was observed during the visual assessment that needed to be assumed as ACM.

There are concrete/metal structural components, and floors have ceramic tiles or are bare concrete. Also, ceramic tiles are present at some walls. The SOW was limited to the components proposed for demolition such as gazebo, pavers, sidewalks, stairs, planters, among others.

II. ASBESTOS SURVEY REPORT

A. Survey Protocol:

This activity was conducted following the latest protocol for assessing materials suspected of containing asbestos as defined by the U.S. Environmental Protection Agency (EPA). It involved a visual walk-through inspection of the accessible areas of the building to develop an inventory of suspect ACM homogeneous materials. During the sampling activities, suspect ACM was touched and observed by the inspector to determine its friability and physical condition. A friable material is defined as a material that when dry, can be crumbled, or reduced to powder by the hand pressure. Friability of a material causally relates to a potential of the asbestos fibers to be released. The inspector assessed the suspect ACM according to their physical condition and potential damage.

B. Sampling Procedure:

The technique used for sampling the suspected accessible materials is designed to minimize possible fiber release and in turn possible contamination of surrounding areas. When apply, representative suspected material samples are collected in accordance with the EPA's AHERA/ASHARA guidelines and procedures presented in the *Guide for Controlling Asbestos Containing Materials in Building (EPA 560-6-85-024, June 1985)* and characterized following the *National Emission Standard for Hazardous Air Pollution (NESHAP)*, subpart M-Asbestos, 40 CFR



Part 61-Standard for Demolition and Renovation. Samples of the homogeneous accessible materials are collected in quantities enough to determine asbestos content, and then placed in airtight bags. The bagged samples are properly collected, labeled, and identified. A Chain of Custody form is completed for collected bulk samples which are analyzed by an independent laboratory using the Polarized Light Microscopy (PLM) method. The laboratory utilizes dispersion staining techniques according to US EPA method 600/M4-82-020 incorporating visual estimates of identified material percentages.

C. Regulatory Review:

According to NESHAP's standards (40 CFR 61.141), Asbestos Containing Building Materials are classified into three categories: Category I - Nonfriable asbestos-containing material (ACM), Category II – other Nonfriable ACM, and Regulated asbestos-containing material (RACM). ACM's are classified into three categories according to EPA-AHERA/ASHARA's standards (40 CFR Part 763): Surfacing material, Thermal System Insulation (TSI) and Miscellaneous material.

Once the inspector has identified the ACM in a building, he or she must perform a physical assessment of TSI and friable material. Under § 763.88 of the AHERA Rule, the physical assessment of ACBM involve classifying the material into one of the following seven Categories: Damaged or significantly damaged TSI ACM; Damaged friable surfacing ACM; Significantly damaged friable surfacing ACM; Damaged or significantly damaged friable miscellaneous ACM; ACBM with potential for damage; ACBM with potential for significant damage; and Any remaining friable ACBM or friable suspected ACBM.

The PRDNER- former Environmental Quality Board (Regulation for the Control of Atmospheric Pollution-Rule 422) enacted in 1995, required all commercial and public building, including industries to identify asbestos containing building materials in their structures and take appropriate actions to control the release of asbestos fiber. Asbestos inspection is part of the permitting application process for any future project in the buildings which may include renovation or demolition activities regulated by the PR State/Municipal Offices. To obtain demolition permits in Puerto Rico is necessary to includes a certification (OGP-PGC-009 or equivalent) stating that there is not asbestos containing material in the project.

D. Survey Areas – Extent of Survey Coverage:

The survey included a detailed structure inspection providing a general sense of the overall location, type, quantity, and condition of potential ACMs present. The survey was thorough in the interior or exterior accessible functional spaces, and bulk samples (if apply) are taken from the observed suspect materials. The presence of asbestos in suspect materials (if apply) is assumed or presumed in some cases without bulk samples being collected or analyzed (when



applicable). This is necessary for locations where materials are inaccessible or areas that are unsafe to access (e.g., elevated heights, energized equipment, confined spaces, etc.). For those areas that were not safely accessible, suspect materials observed or presumed to be present (if apply) were documented and assumed as ACMs. The survey did not include destructive, intrusive and/or exploratory testing.

Areas Not Included in Survey and Service Constraints: All professional opinions presented in this report are based on information made available either by review of data provided by others or data gathered by Nortol personnel. Nortol affirms that data gathered and presented by Nortol in this report was collected in an appropriate manner in accordance with generally accepted methods and practices. Any energized utilities/services, including electric, water and heat were assumed to be active. Materials associated with these items were determined to not be safely accessible and were not sampled. Suspect ACMs associated with these items should be assumed ACM until the systems can be de-energized and safely sampled. The survey did not include access or inspection of confined spaces or subsurface/underground areas including piping, conduits, building footings and soils (surficial or otherwise).

E. Findings

Nortol did not identify SACM at the reference project, therefore no bulk samples were collected and/or sent to the laboratory for analysis. In addition, no suspect material was observed during the visual assessment that needed to be assumed as ACM.

Representative Pictures\Photograph Log of the structure are provided in the **Attachment 2**. Certification for non-presence of asbestos is provided in the **Attachment 3**.



III. CONCLUSION

ACM survey was conducted for the project identified with the header ID. Nortol did not identify SACM at the referenced structure, hence no bulk samples were collected and/or sent to the laboratory for analysis. In addition, no suspect material was observed during the visual assessment that needed to be assumed as ACM.

Representative Pictures\Photograph Log of the structure are provided in the **Attachment 2**. Certification for non-presence of asbestos is provided in the **Attachment 3**

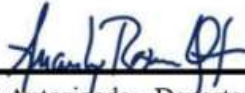
Any conditions or materials that could not be visually identified or was out-of-the SOW, were not inspected and may differ from those conditions or materials noted. It was not within the scope of the activity to remove surface materials to investigate portions of the structure or materials that may lay beneath the surface. Nortol's selection of sample locations and frequency of sampling was based on Nortol's observations and the assumption that like materials in the same area are homogeneous in content.

The report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos or lead abatement contractors in locating ACM. Under no circumstances is the report to be utilized as a solely bidding document or as a project specification document.



Attachment 1
Inspector's Credential



	TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO Esta tarjeta autoriza a: <u>Angelee Cordon Ortiz</u> Inspector A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.  Firma Autorizada - Departamento Recursos Naturales y Ambientales
ASB-0422-0136-SI Número de Registro 24-mar-2023 Fecha de vencimiento	

PR Asbestos Inspector Accreditation

Attachment 2
Representative Pictures\Photograph Log





Angelee M. Cordón

Nortol. Environmental & Occupational Safety, Inc.

PLAZA FELISA RINCÓN DE GAUTIER, CEIBA - ACM SURVEY PHOTO LOG

Year of construction not available at the moment of the inspection.

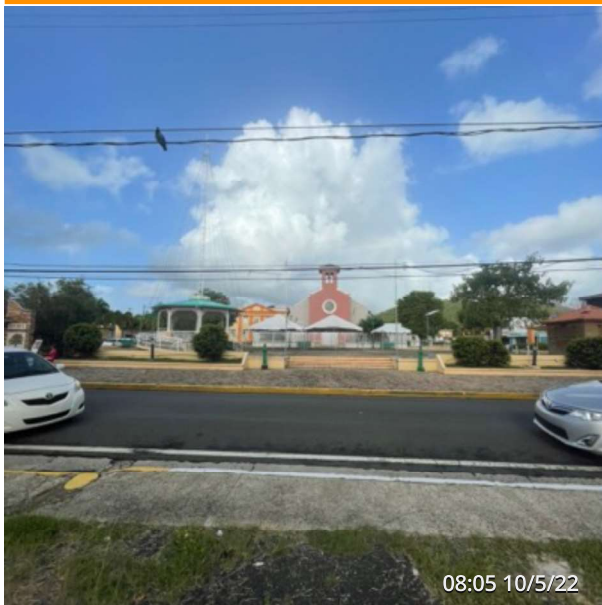
Wednesday, October 5, 2022

Prepared For BR&A, LLC

267 Av. Lauro Piñero, Ceiba, PR 00735

6 Sections Identified

No Incomplete Sections



FRONT VIEW:

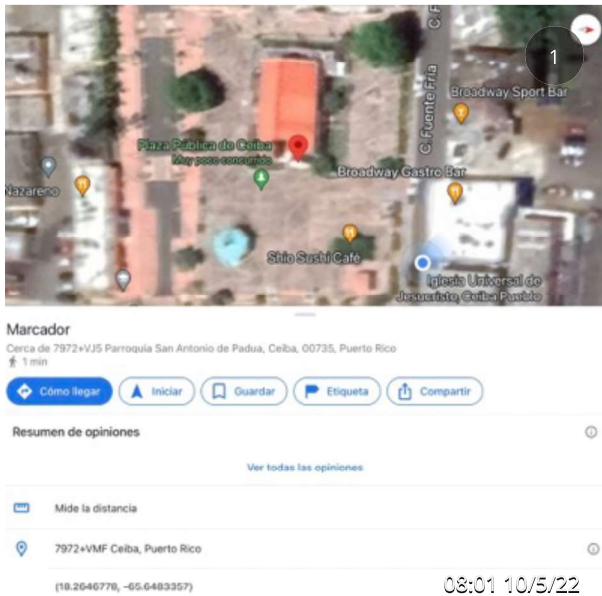
Section Completed: Yes

(18.2646778, -65.6483357)

COORDINATES:

Section Completed: Yes

(18.2646778, -65.6483357)





08:06 10/5/22

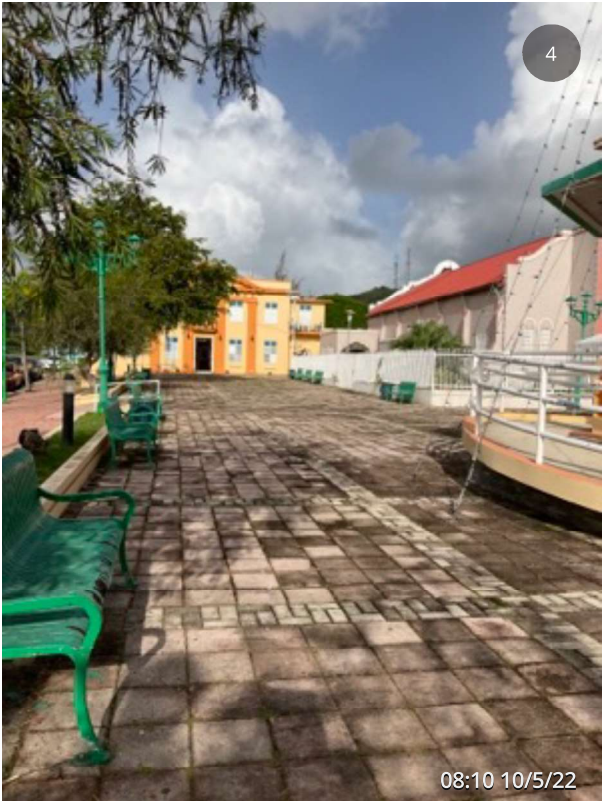
SCOPE OF WORK:

Section Completed: Yes

Inspection of A & P. Demolition of several existing elements (gazebo, pavers, sidewalks, stairs, planters, among others) and the reconstruction of the plaza (new pavers, new platform, planters, stairs, benches, among others).

EXTERIOR GENERAL VIEWS:

Section Completed: Yes



EXTERIOR GENERAL VIEWS:

Section Completed: Yes



SACM VISIBLE?

Section Completed: Yes

No SACM found visible at the moment of the inspection.

Attachment 3
Certification for Non-Presence Asbestos (PGC-009)





CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

NUM. PERMISO: _____

Yo, Anngelee Cordon, mayor de edad, soltera, y vecino de Aibonito, Puerto Rico,
(Nombre) (Estado Civil) (Municipio)

Dirección Postal: PO BOX 366457 San Juan, P.R. 00936-6457
(Pueblo) (Zip Code)

Teléfonos: Residencial (939) 325 – 2364 Oficina (787) 420 - 0220

Certifico que:

1. La estructura Plaza Felisa Rincon De Gautier localizada en 267 Ave. Lauro Piñero, Ceiba PR 00735, 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 Ceiba de Puerto Rico,
(Municipio)
hoy día 5 de octubre de 2022

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.



www.nortolpr.com | info@nortolpr.com | 787.420.0220
PO Box 366457, San Juan, PR 00936-6457

LEAD-BASED PAINT SURVEY

PLAZA FELISA RINCÓN DE GAUTIER

267 Ave. Lauro Piñero,
Ceiba, Puerto Rico 00735



Inspection Date: October 5, 2022

Prepared for: Municipio de Ceiba

Prepared by: Nortol Environmental &
Occupational Safety, Inc. (as BR&A, LLC subcontractor)

Inspector:

Emanuel Ortíz
Lead Inspector
LBP I.D. # LBPI-23622-249



***NORTOL** has performed this survey in a thorough and professional manner consistent with commonly accepted industry standards.*

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Table of Contents

Acronyms	3
Introduction	4
Lead Based Paint Survey Report	4
Lead Based Paint Findings	
Survey Protocol and Sampling Procedures	
LBP Background and Regulatory review	
Conclusion	7

Attachment 1 – Company Credentials

Attachment 2 – Inspector’s Credentials

Attachment 3 – Positive LBP XRF Tabulated Readings

Attachment 4 – LBP XRF Tabulated Readings

Attachment 5 – LBP Diagram

Attachment 6 – Representative Pictures\Photograph Log

Attachment 7 – XRF Performance Characteristic Sheet



Acronyms

A/C	=	Air Conditioning
CFR	=	Code of Federal Regulations
CPSC	=	Consumer Product Safety Commission
EPA	=	Environmental Protection Agency
Ft2	=	square feet
HUD	=	Department of Housing and Urban Development
LBP	=	Lead-based Paint
LF	=	Linear Feet
mg/cm2	=	milligrams per square centimeter
NESHAP'S	=	National Emission Standards for Hazardous Air Pollutants
NIOSH	=	National Institute for Occupational Safety and Health
OSHA	=	Occupational Safety and Health Administration
PRDOH	=	Puerto Rico Department of Housing
PRDNER	=	Puerto Rico Department of Natural and Environmental Resources
SOW	=	Scope of Work
XRF	=	X-Ray Fluorescent



I. INTRODUCTION

As part of the environmental due diligence, this survey is intended to assess the general presence, quantity, and location of LBP and lead-glazed ceramic components above allowable levels at Plaza Felisa Rincón De Gautier property located at 267 Ave. Lauro Piñero, Ceiba PR 00735.

The LBP survey, conforming to Housing Urban Development (HUD) Guidelines for the Evaluation and Control of Lead Based Paint in Housing, was conducted on October 5, 2022, by Mr. Emanuel Ortiz (Lead inspector number: LBPI-23622-249) from Nortol. Copy of Nortol's registration with the PRDNER as registered corporation is included in the **Attachment 1**. Inspector's credential is included in the **Attachment 2**. Nortol's survey areas and report are limited to the details provided in the Section II part D.

Based on the results of the survey, 139 XRF readings were performed using an XRF analyzer at the identified and accessible surfaces on the interior and exterior of the subject structure. LBP was identified above the regulatory level of 1.0 mg/cm² at some areas of the project such as concrete curbs and hydrants. See attachments for additional information.

There are concrete/metal structural components, and floors have ceramic tiles or are bare concrete. Also, ceramic tiles are present at some walls. The SOW was limited to the components proposed for demolition such as gazebo, pavers, sidewalks, stairs, planters, among others.

II. LEAD BASED PAINT SURVEY REPORT

A. Lead Based Paint Findings:

LBP was found at some of the project accessed components. Data from XRF analyzer testing is included in **Attachment 3 & 4** with positive readings marked in red or bold. **Attachment 5** includes the approximated location of identified LBP or lead-glazes at the subject structure. Representative Pictures\Photograph Log of identified LBP surfaces and/or lead-glazed ceramic components within the structure are provided in the **Attachment 6**.

B. Survey Protocol and Sampling Procedure:

The survey was conducted following the *HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (1997 Revision, Chapter 7)*. The technique used for assessing the painted components was the XRF instrument. The following guidelines were used to perform LBP testing:

1. Achieve inventory of painted surfaces
2. Select areas to be tested.



3. Perform XRF testing.
4. Review and evaluate the data.
5. Report findings

The XRF instrument was set at Standard Paint Mode showing reading “Positive” or “Negative” with a 95% confident reading. The result is reported in mg/cm². **Attachment 7** includes the XRF Performance Characteristic Sheet (PCS) of the analyzer.

The **letters A, B, C, and D** used in the survey refers to:

- A ⇒ Main entrance side orientation (to street)
- B ⇒ Left side orientation
- C ⇒ Rear side orientation
- D ⇒ Right side orientation

C. Lead Based Paint Background and Regulatory Review:

Overexposure to lead is one of the most common situations found in industry. It is also a major potential public health risk. Lead poisoning is the leading environmentally induced illness in children. At greatest risk are children under the age of six because they are undergoing rapid neurological and physical development. In general population, lead may be present at hazardous concentrations in food, water, and air. Sources include LBP, urban soil, and dust, and drinking water.

Lead is commonly added to industrial paints because of its characteristic to resist corrosion. Industries with particularly high potential exposures include construction work involving welding, cutting, brazing, blasting, etc., on lead paint surfaces; most smelter operations either as a trace contaminant or as a major product; secondary lead smelters where lead is recovered from batteries; radiator repair shops; and firing ranges. Oral ingestion may represent a major route of exposure in contaminated workplaces. Once in the blood, lead is distributed primarily among three routes - blood, soft tissue (kidney, bone marrow, liver, and brain) and mineralizing tissue (bones and teeth).

Hazard of lead in paint has been defined by the Department of Housing and Urban Development as 1.0 mg/cm² as measured by an XRF instrument, or Atomic Absorption Spectroscopy (AAS); or 0.5% by weight (or 5,000 ppm) as measured by AAS, or Inductive Coupled Plasma (ICP). The same level was adopted by EPA regulations published in 1992, under Title X.



Although OSHA regulations for occupational lead exposure have been in effect since 1971 for the construction and general industries, the agency recognized the need to provide better protection and revised the regulations for general industry in 1978. The 1978 lead standard, however, excluded the construction industry from coverage because of insufficient information regarding lead use in construction.

In 1990, NIOSH set a national goal to eliminate worker exposures resulting in blood lead concentrations greater than 25 micrograms per deciliter (25 µg/dl) of whole blood. Consequently, OSHA began developing a proposal for a comprehensive standard regulating occupational exposure to lead in construction. In October 1992, the Congress passed Section 1031 of Title X of the Housing and Community Development Act of 1992 (P. L. 102-550) requiring OSHA to issue an interim final lead standard for the construction industry, effective until OSHA issues a final standard. The interim final rule, published on May 4, 1993, amends the OSHA standards for occupational health and environmental controls in Subpart D of Title 29 CFR 1926 by adding a new section 1926.62, containing employee protection requirements for construction workers exposed to lead.

On July 1998, the PRDNER - former PR Environmental Quality Board regulations regarding to LBP was created to issue activity permits, accredit institutions, and certificate persons involved in LBP activities in Puerto Rico. Local regulations require all lead to be managed as a special waste. On August 2019 this regulation was replaced by the new *Reglamento para el Manejo Adecuado de Actividades de Pintura con Base de Plomo*. To obtain a demolition permit in Puerto Rico is necessary to includes a certification (OGP-PGC-010 or equivalent) stating that there is no LBP in the project.

D. Survey Areas – Extent of Survey Coverage:

The survey included a detailed structure inspection providing a general sense of the overall location, type, quantity, and condition of LBP and lead-glazed ceramic components. The LBP survey was performed to ready accessible components and surfaces. If any suspect coated surface or ceramic components that could contain lead are encountered underneath current installed tiles or other construction material during demolition and/or renovation activities which differ from materials tested during the LBP survey, these should be assumed to be Lead containing until testing/analysis confirmed otherwise. The survey was unobtrusive as samples were not taken where doing so would have resulted in objectionable damage to surfaces. Therefore, the survey did not include destructive, intrusive and/or exploratory testing.



Areas Not Included in Survey and Service Constraints: All professional opinions presented in this report are based on information made available either by review of data provided by others or data gathered by Nortol's personnel. Nortol affirms that data gathered and presented by Nortol in this report was collected in an appropriate manner in accordance with generally accepted methods and practices. Any energized utilities/services, including electric, water and heat were assumed to be active. Materials associated with these items were determined to not be safely accessible and were not sampled. The survey did not include access or inspection of confined spaces or subsurface/underground areas including piping, conduits, building footings and soils (surficial or otherwise).

III. CONCLUSION

LBP survey was conducted for the project identified with the header ID. LBP or lead-glaze was identified above the regulatory level of 1.0 mg/cm² at selective areas of the subject structure.

Data from XRF analyzer testing is included in the **Attachment 3 & 4** with positive readings marked in red or bold. **Attachment 5** includes the approximated location of identified LBP or lead-glazes at the subject structure. Representative Pictures\Photograph Log of identified LBP surfaces and/or lead-glazed ceramic components within the structure are provided in the **Attachment 6**.

Any conditions or materials that could not be visually identified or was out-of-the SOW, was not inspected and may differ from those conditions or materials noted. It was not within the scope of the activity to remove surface materials to investigate portions of the structure or materials that may lay beneath the surface. Nortol's selection of sample locations and frequency of sampling was based on Nortol's observations and the assumption that like materials in the same area are homogeneous in content.

The report is designed to aid the building owner, architect, construction manager, general contractors, and potential lead abatement contractors in locating LBP or lead-glaze. Under no circumstances is the report to be utilized as a solely bidding document or as a project specification document.



Attachment 1
Company Credentials





GOBIERNO DE PUERTO RICO

Departamento de Recursos Naturales y Ambientales

Este certificado es otorgado a:

Nortol Environmental Occupational Safety, Inc.

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-03222-009

Fecha de emisión: Marzo 5, 2022

Fecha de Expiración: Marzo 4, 2023




José Roque Juliá
Jefe
División Desperdicios Tóxicos



NAT-F121771-2

Attachment 2

Inspector's Credentials





Emanuel Ortiz Vega
Puerto Rico

Lead-based Paint Inspector and Company Accreditations

Attachment 3
Positive LBP XRF Tabulated Readings



PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF POSITIVE SHEET

Company		Heuresis Corp.																				
Model		PB2001		XRF Lead Paint Analyzer																		
Serial Num.		2279																				
App Version		PB2001-5.2.0																				
Job Id		Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.				
Plaza Felisa Rincon De Gautier		69	2.7	mg/cm2	Positive	1	10/5/2022	9:11:53	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	145 LF approx. (side C)				
Plaza Felisa Rincon De Gautier		70	2.3	mg/cm2	Positive	1	10/5/2022	9:12:46	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated					
Plaza Felisa Rincon De Gautier		71	1.1	mg/cm2	Positive	1	10/5/2022	9:13:02	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated					
Plaza Felisa Rincon De Gautier		72	2	mg/cm2	Positive	1	10/5/2022	9:13:19	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated					
Plaza Felisa Rincon De Gautier		73	2	mg/cm2	Positive	1	10/5/2022	9:13:28	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated					
Plaza Felisa Rincon De Gautier		74	2.7	mg/cm2	Positive	1	10/5/2022	9:13:35	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated					
Plaza Felisa Rincon De Gautier		75	2.4	mg/cm2	Positive	1	10/5/2022	9:13:42	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated					
Plaza Felisa Rincon De Gautier		76	1	mg/cm2	Positive	1	10/5/2022	9:13:52	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated					
Plaza Felisa Rincon De Gautier		77	3.4	mg/cm2	Positive	1	10/5/2022	9:14:09	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	50 LF approx. (side C)				
Plaza Felisa Rincon De Gautier		80	3.4	mg/cm2	Positive	1	10/5/2022	9:15:26	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated					
Plaza Felisa Rincon De Gautier		81	2.5	mg/cm2	Positive	1	10/5/2022	9:15:42	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated					
Plaza Felisa Rincon De Gautier		82	1.1	mg/cm2	Positive	1	10/5/2022	9:19:20	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated					
Plaza Felisa Rincon De Gautier		83	2.1	mg/cm2	Positive	1	10/5/2022	9:20:34	E. Ortiz	100-116	Exterior	Exterior	Hydrant	Metal	-	Yellow	Deteriorated					
Plaza Felisa Rincon De Gautier		84	5.5	mg/cm2	Positive	1	10/5/2022	9:20:45	E. Ortiz	100-116	Exterior	Exterior	Hydrant	Metal	-	Yellow	Deteriorated					
Plaza Felisa Rincon De Gautier		87	7	mg/cm2	Positive	1	10/5/2022	9:22:35	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated					
Plaza Felisa Rincon De Gautier		88	6.5	mg/cm2	Positive	1	10/5/2022	9:23:08	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated		110 LF approx. (side D)			
Plaza Felisa Rincon De Gautier		89	1.4	mg/cm2	Positive	1	10/5/2022	9:23:58	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated					
Plaza Felisa Rincon De Gautier		101	2.8	mg/cm2	Positive	1	10/5/2022	9:30:46	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	230 LF approx. (side A)				
Plaza Felisa Rincon De Gautier		102	2.5	mg/cm2	Positive	1	10/5/2022	9:31:16	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated					
Plaza Felisa Rincon De Gautier		103	3.6	mg/cm2	Positive	1	10/5/2022	9:31:32	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated					
Plaza Felisa Rincon De Gautier		104	2.5	mg/cm2	Positive	1	10/5/2022	9:31:57	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated					
Plaza Felisa Rincon De Gautier		107	5.2	mg/cm2	Positive	1	10/5/2022	9:34:51	E. Ortiz	100-116	Exterior	Exterior	Hydrant	Metal	-	Yellow	Deteriorated					
Plaza Felisa Rincon De Gautier		108	4	mg/cm2	Positive	1	10/5/2022	9:35:01	E. Ortiz	100-116	Exterior	Exterior	Hydrant	Metal	-	Yellow	Deteriorated	1 Unit				

Attachment 4
LBP XRF Tabulated Readings



PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF SHEET																	
Company		Heuresis Corp.															
Model	Type	XRF Lead Paint Analyzer															
Serial Num.		2279															
App Version		PB2001-5.2.0															
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.
Plaza Felisa Rincon De Gautier	1	1	mg/cm2	Positive	-	10/5/2022	8:36:54	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-
Plaza Felisa Rincon De Gautier	2	0.9	mg/cm2	Negative	-	10/5/2022	8:37:09	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-
Plaza Felisa Rincon De Gautier	3	0.9	mg/cm2	Negative	-	10/5/2022	8:37:50	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-
Plaza Felisa Rincon De Gautier	4	0.2	mg/cm2	Negative	1	10/5/2022	8:40:33	E. Ortiz	100-116	Exterior	Exterior	Riser	Concrete	A	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	5	0.1	mg/cm2	Negative	1	10/5/2022	8:40:46	E. Ortiz	100-116	Exterior	Exterior	Riser	Concrete	A	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	6	0	mg/cm2	Negative	1	10/5/2022	8:40:53	E. Ortiz	100-116	Exterior	Exterior	Tread	Ceramic	A	Brown	Deteriorated	-
Plaza Felisa Rincon De Gautier	7	0.1	mg/cm2	Negative	1	10/5/2022	8:40:59	E. Ortiz	100-116	Exterior	Exterior	Tread	Ceramic	A	Brown	Deteriorated	-
Plaza Felisa Rincon De Gautier	8	0	mg/cm2	Negative	1	10/5/2022	8:41:52	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	A	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	9	0	mg/cm2	Negative	1	10/5/2022	8:42:01	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	A	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	10	0	mg/cm2	Negative	1	10/5/2022	8:42:13	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	A	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	11	0.3	mg/cm2	Negative	1	10/5/2022	8:42:31	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	A	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	12	0	mg/cm2	Negative	1	10/5/2022	8:42:38	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	A	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	13	0	mg/cm2	Negative	1	10/5/2022	8:43:00	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	B	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	14	0	mg/cm2	Negative	1	10/5/2022	8:43:46	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	B	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	15	0.3	mg/cm2	Negative	1	10/5/2022	8:44:53	E. Ortiz	100-116	Exterior	Exterior	Hand Rail	Metal	B	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	16	0.3	mg/cm2	Negative	1	10/5/2022	8:45:00	E. Ortiz	100-116	Exterior	Exterior	Hand Rail	Metal	B	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	17	0.1	mg/cm2	Negative	1	10/5/2022	8:45:37	E. Ortiz	100-116	Exterior	Exterior	Handycap Ramp	Concrete	-	Blue	Deteriorated	-
Plaza Felisa Rincon De Gautier	18	0	mg/cm2	Negative	1	10/5/2022	8:45:46	E. Ortiz	100-116	Exterior	Exterior	Handycap Ramp	Concrete	-	Blue	Deteriorated	-
Plaza Felisa Rincon De Gautier	19	0	mg/cm2	Negative	1	10/5/2022	8:46:41	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	B	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	20	0	mg/cm2	Negative	1	10/5/2022	8:46:56	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	B	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	21	0	mg/cm2	Negative	1	10/5/2022	8:47:07	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	B	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	22	0	mg/cm2	Negative	1	10/5/2022	8:47:45	E. Ortiz	100-116	Exterior	Exterior	Handycap Ramp	Concrete	-	Blue	Deteriorated	-
Plaza Felisa Rincon De Gautier	23	0.2	mg/cm2	Negative	1	10/5/2022	8:48:01	E. Ortiz	100-116	Exterior	Exterior	Handycap Ramp	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	24	0.3	mg/cm2	Negative	1	10/5/2022	8:49:11	E. Ortiz	100-116	Exterior	Exterior	Bench	Metal	B	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	25	0.2	mg/cm2	Negative	1	10/5/2022	8:49:45	E. Ortiz	100-116	Exterior	Exterior	Bench	Metal	B	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	26	0.6	mg/cm2	Negative	1	10/5/2022	8:49:53	E. Ortiz	100-116	Exterior	Exterior	Bench	Metal	B	Green	Deteriorated	-

PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF SHEET																	
Company		Heuresis Corp.															
Model	PB2001																
Type	XRF Lead Paint Analyzer																
Serial Num.	2279																
App Version	PB2001-5.2.0																
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.
Plaza Felisa Rincon De Gautier	27	0.8	mg/cm2	Negative	1	10/5/2022	8:50:21	E. Ortiz	100-116	Exterior	Exterior	Bench	Metal	B	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	28	0	mg/cm2	Negative	1	10/5/2022	8:50:57	E. Ortiz	100-116	Exterior	Exterior	Lightning Pole	Metal	B	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	29	0	mg/cm2	Negative	1	10/5/2022	8:51:04	E. Ortiz	100-116	Exterior	Exterior	Lightning Pole	Metal	B	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	30	0	mg/cm2	Negative	1	10/5/2022	8:51:13	E. Ortiz	100-116	Exterior	Exterior	Lightning Pole	Metal	B	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	31	0.1	mg/cm2	Negative	1	10/5/2022	8:51:56	E. Ortiz	100-116	Exterior	Exterior	Grill	Metal	A	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	32	0.2	mg/cm2	Negative	1	10/5/2022	8:52:18	E. Ortiz	100-116	Exterior	Exterior	Grill	Metal	A	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	33	0.1	mg/cm2	Negative	1	10/5/2022	8:52:32	E. Ortiz	100-116	Exterior	Exterior	Grill	Metal	A	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	34	0.1	mg/cm2	Negative	1	10/5/2022	8:52:37	E. Ortiz	100-116	Exterior	Exterior	Grill	Metal	A	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	35	0.1	mg/cm2	Negative	1	10/5/2022	8:53:37	E. Ortiz	100-116	Exterior	Exterior	Pole	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	36	0.2	mg/cm2	Negative	1	10/5/2022	8:53:47	E. Ortiz	100-116	Exterior	Exterior	Pole	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	37	0	mg/cm2	Negative	1	10/5/2022	8:54:09	E. Ortiz	100-116	Exterior	Exterior	Pole	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	38	0.2	mg/cm2	Negative	1	10/5/2022	8:54:32	E. Ortiz	100-116	Exterior	Exterior	Hand Rail	Metal	D	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	39	0.3	mg/cm2	Negative	1	10/5/2022	8:54:53	E. Ortiz	100-116	Exterior	Exterior	Hand Rail	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	40	0.1	mg/cm2	Negative	1	10/5/2022	8:56:41	E. Ortiz	100-116	Exterior	Exterior	Riser	Concrete	D	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	41	0	mg/cm2	Negative	1	10/5/2022	8:56:49	E. Ortiz	100-116	Exterior	Exterior	Tread	Ceramic	D	Brown	Deteriorated	-
Plaza Felisa Rincon De Gautier	42	0	mg/cm2	Negative	1	10/5/2022	8:57:31	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	D	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	43	0.2	mg/cm2	Negative	1	10/5/2022	8:57:40	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	D	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	44	0	mg/cm2	Negative	1	10/5/2022	8:58:01	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	D	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	45	0	mg/cm2	Negative	1	10/5/2022	8:58:11	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	D	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	46	0	mg/cm2	Negative	1	10/5/2022	8:58:19	E. Ortiz	100-116	Exterior	Exterior	Planter Wall	Concrete	D	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	47	0	mg/cm2	Negative	1	10/5/2022	8:59:03	E. Ortiz	100-116	Exterior	Exterior	Lightning Pole	Metal	D	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	48	0.1	mg/cm2	Negative	1	10/5/2022	8:59:09	E. Ortiz	100-116	Exterior	Exterior	Lightning Pole	Metal	D	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	49	0	mg/cm2	Negative	1	10/5/2022	9:00:11	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	50	0.1	mg/cm2	Negative	1	10/5/2022	9:00:29	E. Ortiz	100-116	Exterior	Exterior	Grill	Metal	-	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	51	0.1	mg/cm2	Negative	1	10/5/2022	9:01:00	E. Ortiz	100-116	Exterior	Exterior	Floor	Ceramic	-	Gray	Deteriorated	-
Plaza Felisa Rincon De Gautier	52	0	mg/cm2	Negative	1	10/5/2022	9:01:11	E. Ortiz	100-116	Exterior	Exterior	Floor	Ceramic	-	Gray	Deteriorated	-



PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF SHEET																	
Company		Heuresis Corp.															
Model	Type	XRF Lead Paint Analyzer															
Serial Num.		2279															
App Version		PB2001-5.2.0															
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.
Plaza Felisa Rincon De Gautier	53	0	mg/cm2	Negative	1	10/5/2022	9:01:21	E. Ortiz	100-116	Exterior	Exterior	Floor	Ceramic	-	Gray	Deteriorated	-
Plaza Felisa Rincon De Gautier	54	0	mg/cm2	Negative	1	10/5/2022	9:01:47	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	55	0.1	mg/cm2	Negative	1	10/5/2022	9:02:04	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	56	0	mg/cm2	Negative	1	10/5/2022	9:02:34	E. Ortiz	100-116	Exterior	Exterior	Pole	Metal	-	Black	Deteriorated	-
Plaza Felisa Rincon De Gautier	57	0.1	mg/cm2	Negative	1	10/5/2022	9:02:45	E. Ortiz	100-116	Exterior	Exterior	Pole	Metal	-	Black	Deteriorated	-
Plaza Felisa Rincon De Gautier	58	0.1	mg/cm2	Negative	1	10/5/2022	9:03:14	E. Ortiz	100-116	Exterior	Exterior	Burglar Fence	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	59	0.2	mg/cm2	Negative	1	10/5/2022	9:03:32	E. Ortiz	100-116	Exterior	Exterior	Burglar Fence	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	60	0.1	mg/cm2	Negative	1	10/5/2022	9:03:45	E. Ortiz	100-116	Exterior	Exterior	Burglar Fence	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	61	0	mg/cm2	Negative	1	10/5/2022	9:04:34	E. Ortiz	100-116	Exterior	Exterior	Burglar Fence	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	62	0	mg/cm2	Negative	1	10/5/2022	9:05:05	E. Ortiz	100-116	Exterior	Exterior	Burglar Fence	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	63	0.1	mg/cm2	Negative	1	10/5/2022	9:06:35	E. Ortiz	100-116	Exterior	Exterior	Pole	Metal	-	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	64	0	mg/cm2	Negative	1	10/5/2022	9:06:46	E. Ortiz	100-116	Exterior	Exterior	Pole	Metal	-	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	65	0.1	mg/cm2	Negative	1	10/5/2022	9:07:05	E. Ortiz	100-116	Exterior	Exterior	Pole	Metal	-	Green	Deteriorated	-
Plaza Felisa Rincon De Gautier	66	0.2	mg/cm2	Negative	1	10/5/2022	9:10:15	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	-
Plaza Felisa Rincon De Gautier	67	0.1	mg/cm2	Negative	1	10/5/2022	9:10:27	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	-
Plaza Felisa Rincon De Gautier	68	0.1	mg/cm2	Negative	1	10/5/2022	9:10:54	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Blue	Deteriorated	-
Plaza Felisa Rincon De Gautier	69	2.7	mg/cm2	Positive	1	10/5/2022	9:11:53	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	145 LF approx. (side C)
Plaza Felisa Rincon De Gautier	70	2.3	mg/cm2	Positive	1	10/5/2022	9:12:46	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	
Plaza Felisa Rincon De Gautier	71	1.1	mg/cm2	Positive	1	10/5/2022	9:13:02	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	
Plaza Felisa Rincon De Gautier	72	2	mg/cm2	Positive	1	10/5/2022	9:13:19	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	
Plaza Felisa Rincon De Gautier	73	2	mg/cm2	Positive	1	10/5/2022	9:13:28	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	
Plaza Felisa Rincon De Gautier	74	2.7	mg/cm2	Positive	1	10/5/2022	9:13:35	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	145 LF approx. (side C)
Plaza Felisa Rincon De Gautier	75	2.4	mg/cm2	Positive	1	10/5/2022	9:13:42	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	
Plaza Felisa Rincon De Gautier	76	1	mg/cm2	Positive	1	10/5/2022	9:13:52	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	
Plaza Felisa Rincon De Gautier	77	3.4	mg/cm2	Positive	1	10/5/2022	9:14:09	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	145 LF approx. (side C)
Plaza Felisa Rincon De Gautier	78	0.6	mg/cm2	Negative	1	10/5/2022	9:14:27	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	

PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF SHEET																	
Company		Heuresis Corp.															
Model	PB200i																
Type	XRF Lead Paint Analyzer																
Serial Num.	2279																
App Version	PB200i-5.2.0																
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.
Plaza Felisa Rincon De Gautier	79	0.7	mg/cm2	Negative	1	10/5/2022	9:14:44	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	80	3.4	mg/cm2	Positive	1	10/5/2022	9:15:26	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	50 LF approx. (side C)
Plaza Felisa Rincon De Gautier	81	2.5	mg/cm2	Positive	1	10/5/2022	9:15:42	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	
Plaza Felisa Rincon De Gautier	82	1.1	mg/cm2	Positive	1	10/5/2022	9:19:20	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	
Plaza Felisa Rincon De Gautier	83	2.1	mg/cm2	Positive	1	10/5/2022	9:20:34	E. Ortiz	100-116	Exterior	Exterior	Hydrant	Metal	-	Yellow	Deteriorated	1 Unit
Plaza Felisa Rincon De Gautier	84	5.5	mg/cm2	Positive	1	10/5/2022	9:20:45	E. Ortiz	100-116	Exterior	Exterior	Hydrant	Metal	-	Yellow	Deteriorated	
Plaza Felisa Rincon De Gautier	85	0	mg/cm2	Negative	1	10/5/2022	9:22:08	E. Ortiz	100-116	Exterior	Exterior	Handycap Ramp	Concrete	-	Blue	Deteriorated	-
Plaza Felisa Rincon De Gautier	86	0	mg/cm2	Negative	1	10/5/2022	9:22:14	E. Ortiz	100-116	Exterior	Exterior	Handycap Ramp	Concrete	-	Blue	Deteriorated	-
Plaza Felisa Rincon De Gautier	87	7	mg/cm2	Positive	1	10/5/2022	9:22:35	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	110 LF approx. (side D)
Plaza Felisa Rincon De Gautier	88	6.5	mg/cm2	Positive	1	10/5/2022	9:23:08	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	
Plaza Felisa Rincon De Gautier	89	1.4	mg/cm2	Positive	1	10/5/2022	9:23:58	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	
Plaza Felisa Rincon De Gautier	90	0.1	mg/cm2	Negative	1	10/5/2022	9:26:25	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	91	0	mg/cm2	Negative	1	10/5/2022	9:26:41	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	92	0	mg/cm2	Negative	1	10/5/2022	9:26:51	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	93	0	mg/cm2	Negative	1	10/5/2022	9:27:02	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	94	0.2	mg/cm2	Negative	1	10/5/2022	9:27:10	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	95	0	mg/cm2	Negative	1	10/5/2022	9:27:18	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	96	0	mg/cm2	Negative	1	10/5/2022	9:27:32	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	97	0	mg/cm2	Negative	1	10/5/2022	9:27:40	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	98	0.1	mg/cm2	Negative	1	10/5/2022	9:27:51	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	99	0.2	mg/cm2	Negative	1	10/5/2022	9:27:57	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	100	0.6	mg/cm2	Negative	1	10/5/2022	9:28:06	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	101	2.8	mg/cm2	Positive	1	10/5/2022	9:30:46	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	230 LF approx. (side A)
Plaza Felisa Rincon De Gautier	102	2.5	mg/cm2	Positive	1	10/5/2022	9:31:16	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	
Plaza Felisa Rincon De Gautier	103	3.6	mg/cm2	Positive	1	10/5/2022	9:31:32	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	
Plaza Felisa Rincon De Gautier	104	2.5	mg/cm2	Positive	1	10/5/2022	9:31:57	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	-

PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF SHEET																	
Company		Heuresis Corp.															
Model	PB200i																
Type	XRF Lead Paint Analyzer																
Serial Num.	2279																
App Version	PB200i-5.2.0																
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.
Plaza Felisa Rincon De Gautier	105	0.2	mg/cm2	Negative	1	10/5/2022	9:32:30	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	-
Plaza Felisa Rincon De Gautier	106	0	mg/cm2	Negative	1	10/5/2022	9:34:12	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	-
Plaza Felisa Rincon De Gautier	107	5.2	mg/cm2	Positive	1	10/5/2022	9:34:51	E. Ortiz	100-116	Exterior	Exterior	Hydrant	Metal	-	Yellow	Deteriorated	1 Unit
Plaza Felisa Rincon De Gautier	108	4	mg/cm2	Positive	1	10/5/2022	9:35:01	E. Ortiz	100-116	Exterior	Exterior	Hydrant	Metal	-	Yellow	Deteriorated	
Plaza Felisa Rincon De Gautier	109	0	mg/cm2	Negative	1	10/5/2022	9:35:39	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	-
Plaza Felisa Rincon De Gautier	110	0	mg/cm2	Negative	1	10/5/2022	9:36:38	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	-
Plaza Felisa Rincon De Gautier	111	0.1	mg/cm2	Negative	1	10/5/2022	9:36:44	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	-
Plaza Felisa Rincon De Gautier	112	0	mg/cm2	Negative	1	10/5/2022	9:36:54	E. Ortiz	100-116	Exterior	Exterior	Curb	Concrete	-	Yellow	Deteriorated	-
Plaza Felisa Rincon De Gautier	113	0.5	mg/cm2	Negative	1	10/5/2022	9:38:58	E. Ortiz	100-116	Exterior	Gazebo	Column	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	114	0.3	mg/cm2	Negative	1	10/5/2022	9:39:40	E. Ortiz	100-116	Exterior	Gazebo	Column	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	115	0.4	mg/cm2	Negative	1	10/5/2022	9:39:59	E. Ortiz	100-116	Exterior	Gazebo	Column	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	116	0.5	mg/cm2	Negative	1	10/5/2022	9:48:37	E. Ortiz	100-116	Exterior	Gazebo	Column	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	117	0.2	mg/cm2	Negative	1	10/5/2022	9:48:47	E. Ortiz	100-116	Exterior	Gazebo	Beam	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	118	0.1	mg/cm2	Negative	1	10/5/2022	9:48:55	E. Ortiz	100-116	Exterior	Gazebo	Beam	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	119	0.3	mg/cm2	Negative	1	10/5/2022	9:49:03	E. Ortiz	100-116	Exterior	Gazebo	Beam	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	120	0	mg/cm2	Negative	1	10/5/2022	9:49:26	E. Ortiz	100-116	Exterior	Gazebo	Column	Concrete	-	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	121	0	mg/cm2	Negative	1	10/5/2022	9:49:36	E. Ortiz	100-116	Exterior	Gazebo	Column	Concrete	-	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	122	0.1	mg/cm2	Negative	1	10/5/2022	9:49:47	E. Ortiz	100-116	Exterior	Gazebo	Column	Concrete	-	Beige	Deteriorated	-
Plaza Felisa Rincon De Gautier	123	0.3	mg/cm2	Negative	1	10/5/2022	9:50:13	E. Ortiz	100-116	Exterior	Gazebo	Column	Concrete	-	Brown	Deteriorated	-
Plaza Felisa Rincon De Gautier	124	0	mg/cm2	Negative	1	10/5/2022	9:50:22	E. Ortiz	100-116	Exterior	Gazebo	Column	Concrete	-	Brown	Deteriorated	-
Plaza Felisa Rincon De Gautier	125	0.2	mg/cm2	Negative	1	10/5/2022	9:50:34	E. Ortiz	100-116	Exterior	Gazebo	Ceiling	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	126	0.2	mg/cm2	Negative	1	10/5/2022	9:50:51	E. Ortiz	100-116	Exterior	Gazebo	Ceiling	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	127	0.1	mg/cm2	Negative	1	10/5/2022	9:51:03	E. Ortiz	100-116	Exterior	Gazebo	Floor	Ceramic	-	Brown	Deteriorated	-
Plaza Felisa Rincon De Gautier	128	0.1	mg/cm2	Negative	1	10/5/2022	9:51:21	E. Ortiz	100-116	Exterior	Gazebo	Floor	Ceramic	-	Brown	Deteriorated	-
Plaza Felisa Rincon De Gautier	129	0.1	mg/cm2	Negative	1	10/5/2022	9:51:27	E. Ortiz	100-116	Exterior	Gazebo	Tread	Ceramic	-	Brown	Deteriorated	-
Plaza Felisa Rincon De Gautier	130	0	mg/cm2	Negative	1	10/5/2022	9:51:49	E. Ortiz	100-116	Exterior	Gazebo	Tread	Ceramic	-	Brown	Deteriorated	-



PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF SHEET																	
Company		Heuresis Corp.															
Model	PB200i																
Type	XRF Lead Paint Analyzer																
Serial Num.	2279																
App Version	PB200i-5.2.0																
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.
Plaza Felisa Rincon De Gautier	131	0.2	mg/cm2	Negative	1	10/5/2022	9:52:00	E. Ortiz	100-116	Exterior	Gazebo	Hand Rail	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	132	0	mg/cm2	Negative	1	10/5/2022	9:52:17	E. Ortiz	100-116	Exterior	Gazebo	Hand Rail	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	133	0	mg/cm2	Negative	1	10/5/2022	9:52:24	E. Ortiz	100-116	Exterior	Gazebo	Hand Rail	Metal	-	White	Deteriorated	-
Plaza Felisa Rincon De Gautier	134	0.2	mg/cm2	Negative	1	10/5/2022	9:52:45	E. Ortiz	100-116	Exterior	Gazebo	Wall	Ceramic	-	Gray	Deteriorated	-
Plaza Felisa Rincon De Gautier	135	0	mg/cm2	Negative	1	10/5/2022	9:52:55	E. Ortiz	100-116	Exterior	Gazebo	Wall	Ceramic	-	Gray	Deteriorated	-
Plaza Felisa Rincon De Gautier	136	0.3	mg/cm2	Negative	1	10/5/2022	9:53:05	E. Ortiz	100-116	Exterior	Gazebo	Wall	Ceramic	-	Gray	Deteriorated	-
Plaza Felisa Rincon De Gautier	137	1	mg/cm2	Positive	-	10/5/2022	9:53:46	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-
Plaza Felisa Rincon De Gautier	138	0.9	mg/cm2	Negative	-	10/5/2022	9:53:56	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-
Plaza Felisa Rincon De Gautier	139	1	mg/cm2	Positive	-	10/5/2022	9:54:02	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-

Attachment 5

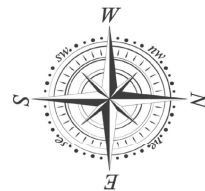
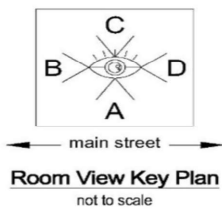
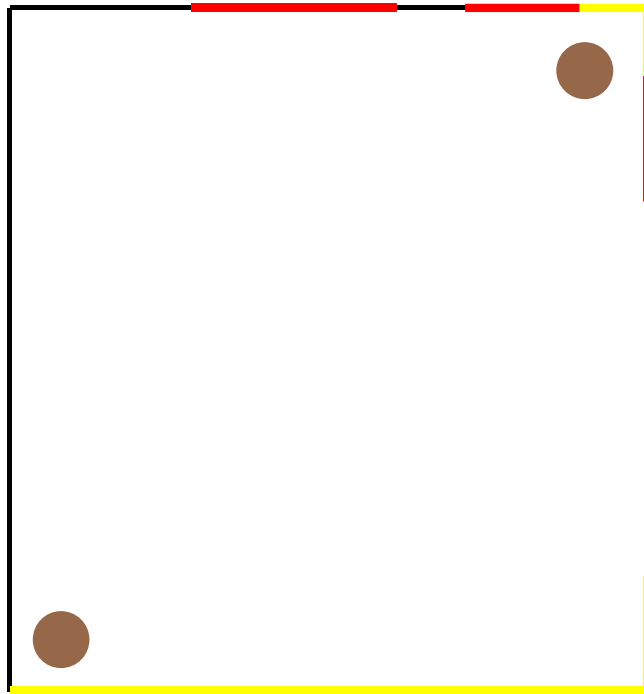
LBP Diagram



Plaza Felisa Rincón de Gautier, Ceiba

LBP DIAGRAM

-  ➔ ***LBP POSITIVE, WHITE CONCRETE CURB***
-  ➔ ***LBP POSITIVE, YELLOW CONCRETE CURB***
-  ➔ ***LBP POSITIVE, YELLOW METAL HYDRANT***



267 Av. Lauro Piñero,

Ceiba, PR 00735

Attachment 6
Representative Pictures\Photograph Log





Emanuel Ortíz

Nortol. Environmental & Occupational Safety, Inc.

PLAZA FELISA RINCÓN DE GAUTIER, CEIBA - LBP SURVEY PHOTO LOG

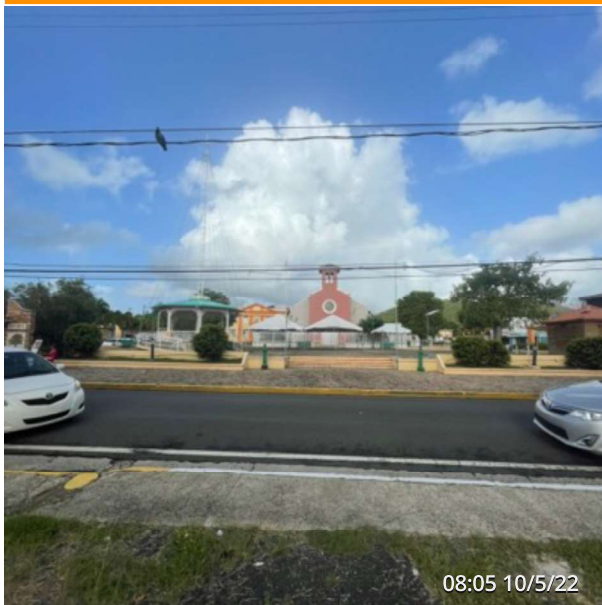
Year of construction not available at the moment of the inspection.

Wednesday, October 5, 2022

Prepared For BR&A, LLC

267 Av. Lauro Piñero, Ceiba, PR 00735

11 Sections Identified



FRONT VIEW:

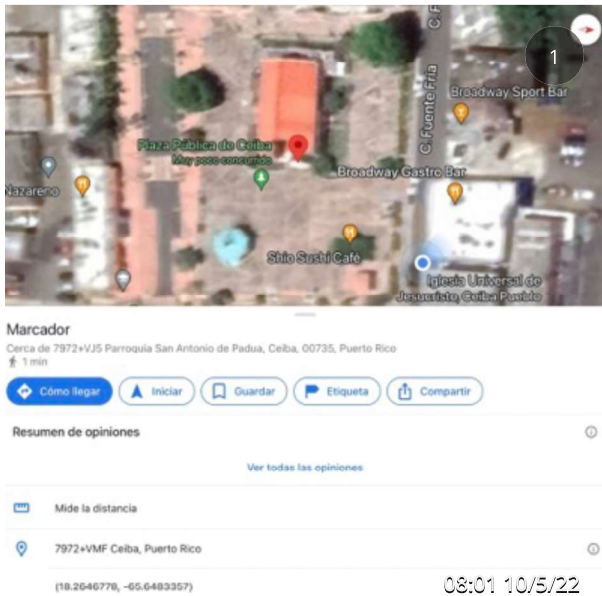
Section Completed: Yes

(18.2646778, -65.6483357)

COORDINATES:

Section Completed: Yes

(18.2646778, -65.6483357)





08:06 10/5/22

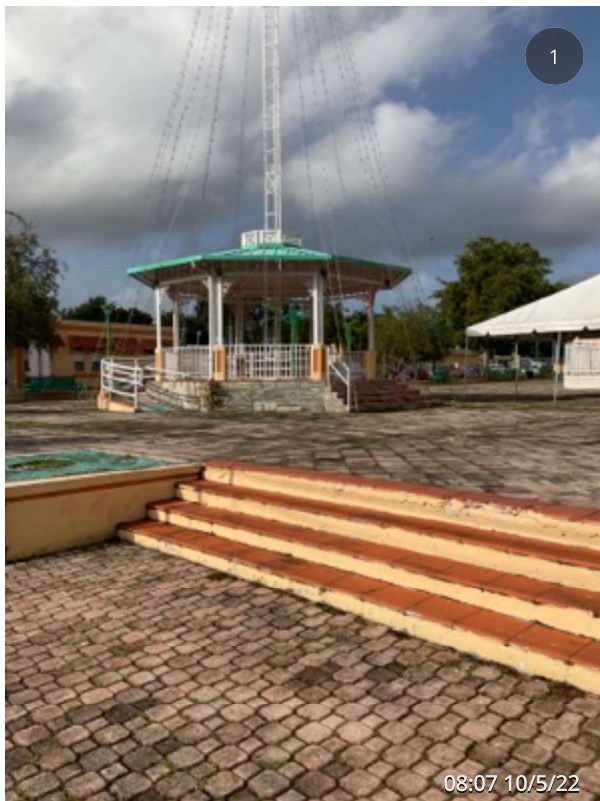
SCOPE OF WORK:

Section Completed: Yes

Inspection of A & P. Demolition of several existing elements (gazebo, pavers, sidewalks, stairs, planters, among others) and the reconstruction of the plaza (new pavers, new platform, planters, stairs, benches, among others).

EXTERIOR GENERAL VIEWS:

Section Completed: Yes





EXTERIOR GENERAL VIEWS:

Section Completed: Yes



LBP DETECTED? EXTERIOR - SIDE C

Section Completed: Yes

Exterior, Readings #69- #77, white concrete curb, between 1.0-3.4 mg/cm²,
(Qty. 145 L.F. Approx.)



LBP DETECTED? EXTERIOR - SIDE C

Section Completed: Yes

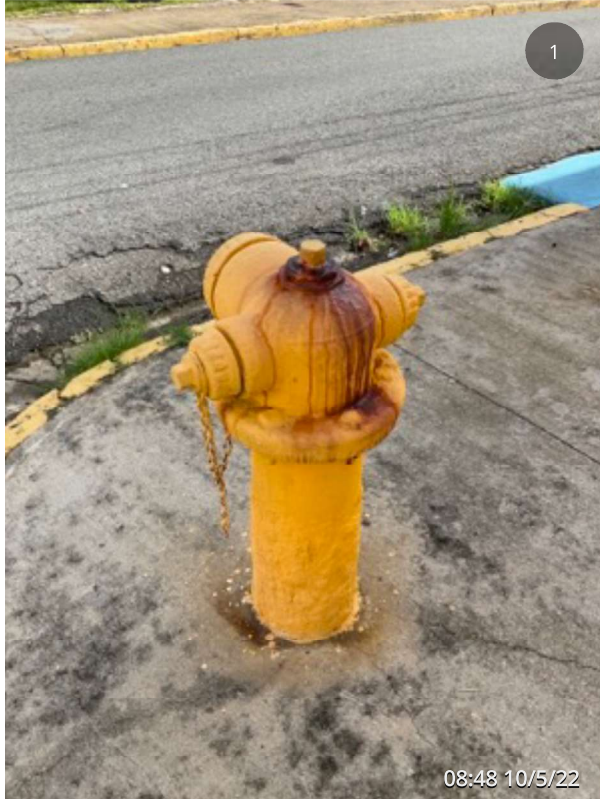
Exterior, Readings #80- #82, yellow concrete curb, between 1.1-3.4 mg/cm²,
(Qty. 50 L.F. Approx.)



LBP DETECTED? EXTERIOR - CORNER C/D

Section Completed: Yes

Exterior, Readings #83- #84, yellow metal hydrant, corner between side C-D
, 2.1-5.5 mg/cm², (Qty. 1 unit.)



LBP DETECTED? EXTERIOR - SIDE D

Section Completed: Yes

Exterior, Readings #87- #89, white concrete curb, side D, between 1.4-7.0 mg/cm², (Qty. 110 L.F. Approx.)



LBP DETECTED? EXTERIOR - SIDE A

Section Completed: Yes

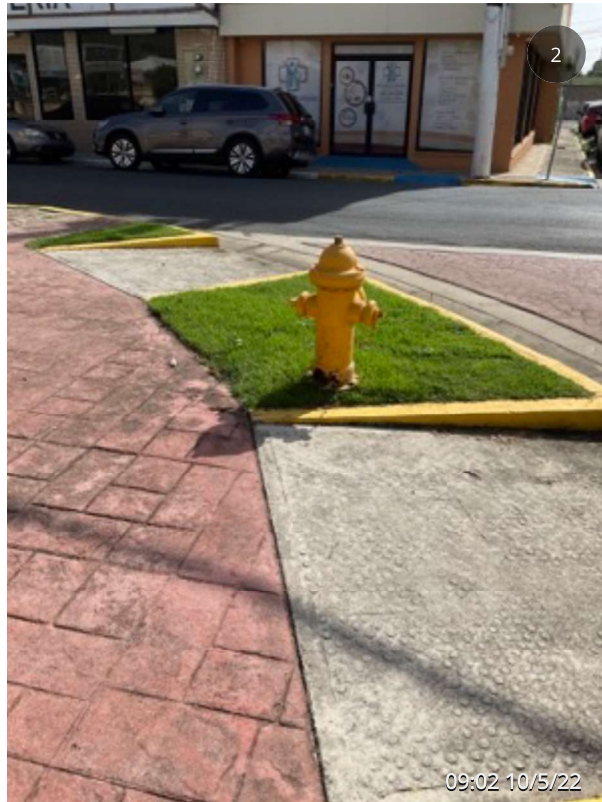
Exterior, Readings #101- #104, yellow concrete curb, between 2.5-3.6 mg/cm², (Qty. 230 L.F. Approx.)



LBP DETECTED? EXTERIOR - CORNER A/B

Section Completed: Yes

Exterior, Readings #107- #108, yellow metal hydrant, corner between side A-B, 5.2-4.0 mg/cm²,
(Qty. 1 Unit.)



Attachment 7
XRF Performance Characteristic Sheet



Performance Characteristic Sheet

EFFECTIVE DATE: January 1, 2022

MANUFACTURER AND MODEL:

Make: ***Viken Detection*** (previously Heuresis)
Models: ***Model Pb200i***
Source: ***⁵⁷Co, 5 mCi (nominal – new source)***

FIELD OPERATION GUIDANCE

ACTION LEVEL SETTING:

0.7 mg/cm²

OPERATING PARAMETERS:

Action Level mode, fixed 5-second reading (nominal), software version Pb 200i-5.0-DEBUG or higher.

Action Level mode, variable-time reading (2-5 seconds nominal), software version Pb 200i-7.0.0 or higher.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm² (inclusive) at Action Level setting = 1.0 mg/cm²

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	INCONCLUSIVE RANGE (mg/cm ²)
Results not corrected for substrate bias on any substrate	Brick	0.6 – 0.8
	Concrete	0.6 – 0.8
	Drywall	0.6 – 0.8
	Metal	0.6 – 0.8
	Plaster	0.6 – 0.8
	Wood	0.6 – 0.8

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*, 2012 Edition ("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 January 2020 and January 2021, with four separate instruments running software version Pb200i 5.0 (DEBUG version) in Action Level test mode. The actual source strength of the 2020 instruments on the day of testing was approximately 2.9 mCi; source ages were approximately 9 months. The 2021 instruments had new sources with strength 5 mCi.

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 with the Action Level set to 1.0 mg/cm² using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film; for NIST SRM 2579a, use the 1.04 mg/cm² 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.

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. 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:

The nominal reading time recorded in Archive tests averaged 5.38 seconds in fixed-time mode and 2.64 seconds in variable-time mode. Nominal reading time means the time the instrument's shutter is open when the ⁵⁷Co source is new. Actual reading time depends on the age of the source. Since ⁵⁷Co has a half-life of approximately 9 months, reading time doubles for every 9 months of source age.

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to 0.8 mg/cm², **negative** if they are **less than or equal** to 0.6 mg/cm² and **inconclusive** if they are **equal** to 0.7 mg/cm².

DOCUMENTATION:

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the U.S. Department of Housing and Urban Development, Office of Lead Hazard Control and Healthy Homes.

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to develop Performance Characteristic Sheets at the Federal standard (Action Level) of 1.0 mg/cm², 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>. The methodology was subsequently generalized by QuanTech for application to other Action Levels.



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PO Box 366457, San Juan, PR 00936-6457



Emanuel Ortiz

Nortol. Environmental & Occupational Safety, Inc.

ADDENDUM to include
STREETS AROUND PLAZA FELISA RINCÓN DE
GAUTIER, CEIBA - LBP & ACM SURVEY

Year of construction not available at the moment of the inspection.

Wednesday, October 26, 2022

Prepared For Municipio de Ceiba

267 Av. Lauro Piñero, Ceiba, PR 00735



FRONT VIEW:

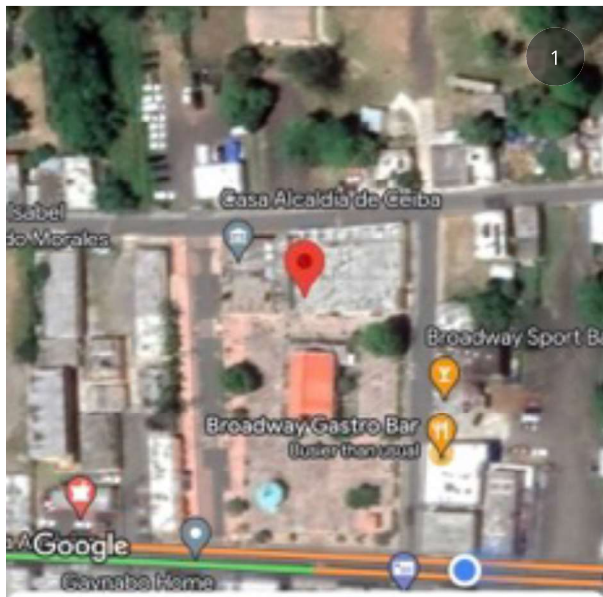
Section Completed: Yes

(18.2646421, -65.6487082)

COORDINATES:

Section Completed: Yes

(18.2646421, -65.6487082)



Dropped pin

Near Ceiba, 00735

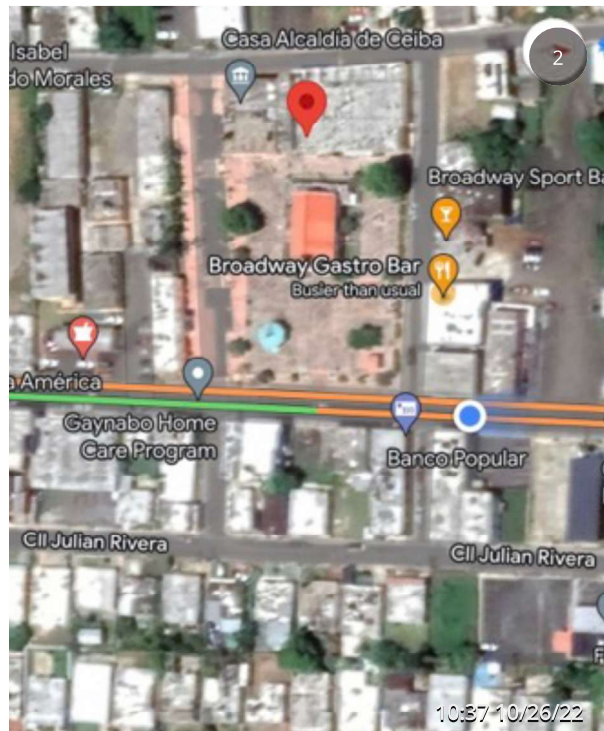
2 min



Measure distance

7972+VG3 Ceiba

(18.2646421, -65.6487082) 10:38 10/26/22





12:11 5/28/20

SCOPE OF WORK:

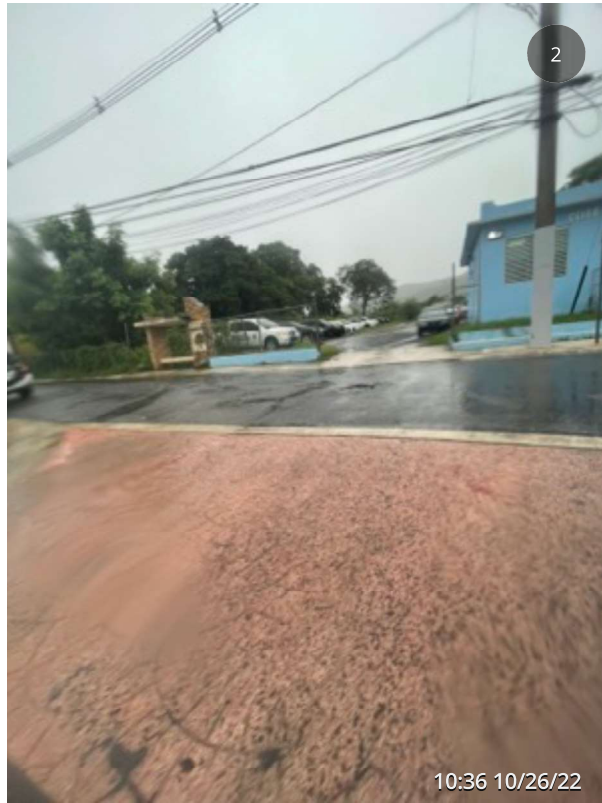
Inspection for Asbestos containing materials (ACM) & Lead-based paints (LBP) for reconstruction of sidewalks, asphalt works and improvements to the lighting system to the 4 streets surrounding Plaza Felisa Rincón, Ceiba.

FINDINGS:

Suspect ACM were not found. However, LBP were found on concrete curbs located in the PR-3 street. See attachments.

EXTERIOR GENERAL VIEWS:

Section Completed: Yes



EXTERIOR GENERAL VIEWS:

Section Completed: Yes



LBP DETECTED? PR-3 STREET

Section Completed: Yes

Exterior, Readings #37 & #38, yellow concrete curb, 2.5-4.5 mg/cm². (Qty. 20 LF Approx.)

(18.2644263, -65.6479313)

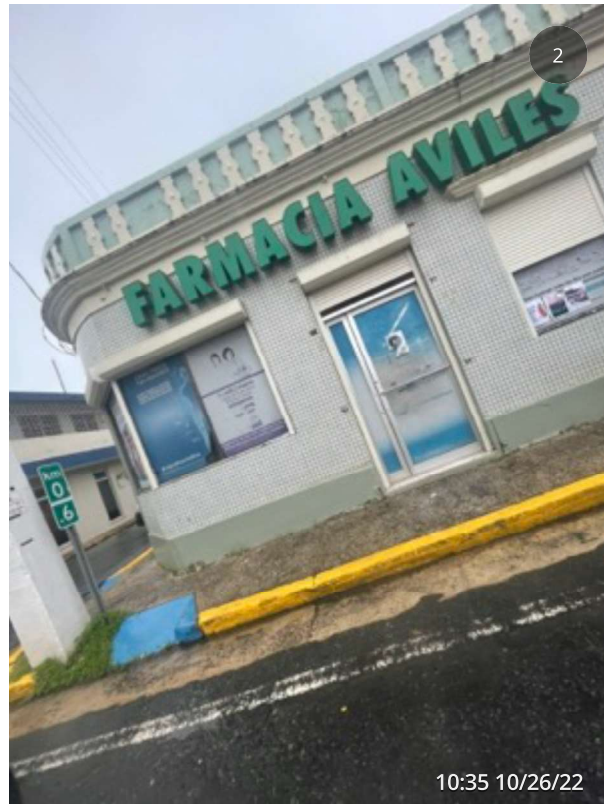
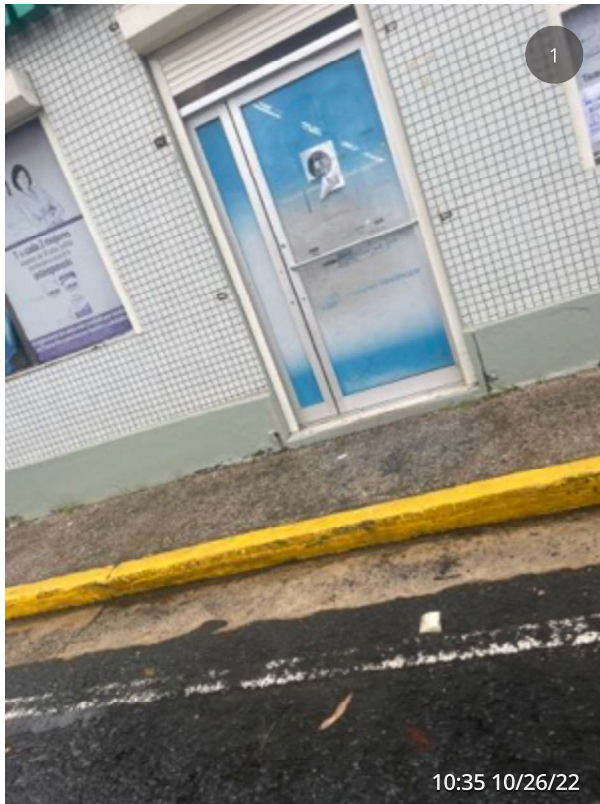


LBP DETECTED? PR-3 STREET

Section Completed: Yes

Exterior, Readings #39 & #40, yellow concrete curb, 1.5 & 1.5 mg/cm². (Qty. 25 LF Approx.)

(18.2648879, -65.6478985)



STREETS AROUND PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF POSITIVE SHEET																	
P		Heuresis Corp.															
Model		PB200i															
Type		XRF Lead Paint Analyzer															
Serial Num.		2279															
App Version		PB200i-5.2.0															
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	37	2.5	mg/cm2	Positive	1	10/26/2022	10:31:12	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	20 LF approx.
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	38	4.5	mg/cm2	Positive	1	10/26/2022	10:31:28	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	39	1.5	mg/cm2	Positive	1	10/26/2022	10:31:47	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	25 LF approx.
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	40	1.5	mg/cm2	Positive	1	10/26/2022	10:31:55	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	



STREETS AROUND PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF SHEET																	
P	Heuresis Corp.																
Model	PB200i																
Type	XRF Lead Paint Analyzer																
Serial Num.	2279																
App Version	PB200i-5.2.0																
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	1	1	mg/cm2	Positive	-	10/26/2022	10:18:25	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	2	0.9	mg/cm2	Negative	-	10/26/2022	10:18:41	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	3	1	mg/cm2	Positive	-	10/26/2022	10:18:54	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	4	0	mg/cm2	Negative	1	10/26/2022	10:19:28	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	5	0.2	mg/cm2	Negative	1	10/26/2022	10:20:05	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	6	0.2	mg/cm2	Negative	1	10/26/2022	10:20:15	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	7	0	mg/cm2	Negative	1	10/26/2022	10:20:41	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	8	0.2	mg/cm2	Negative	1	10/26/2022	10:22:00	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	9	0.3	mg/cm2	Negative	1	10/26/2022	10:22:23	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Unpainted	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	10	0.5	mg/cm2	Negative	1	10/26/2022	10:22:43	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Unpainted	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	11	0.7	mg/cm2	Negative	1	10/26/2022	10:22:53	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Unpainted	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	12	0.2	mg/cm2	Negative	1	10/26/2022	10:23:04	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	13	0	mg/cm2	Negative	1	10/26/2022	10:23:19	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	14	0.5	mg/cm2	Negative	1	10/26/2022	10:23:30	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	15	0.1	mg/cm2	Negative	1	10/26/2022	10:23:38	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	16	0	mg/cm2	Negative	1	10/26/2022	10:23:46	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	17	0	mg/cm2	Negative	1	10/26/2022	10:24:01	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	18	0.1	mg/cm2	Negative	1	10/26/2022	10:24:19	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	19	0	mg/cm2	Negative	1	10/26/2022	10:24:24	E. Ortiz	100-116	Exterior	Fuente Fria Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	20	0	mg/cm2	Negative	1	10/26/2022	10:24:38	E. Ortiz	100-116	Exterior	Escolastico Lopez Street	Lightning Pole	Wood	-	Orange	Deteriorated	-
STREET'S AROUND PLAZA FELISA RINCON DE GAUTIER	21	0	mg/cm2	Negative	1	10/26/2022	10:24:43	E. Ortiz	100-116	Exterior	Escolastico Lopez Street	Lightning Pole	Wood	-	Orange	Deteriorated	-

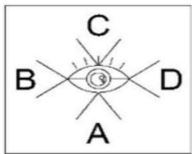
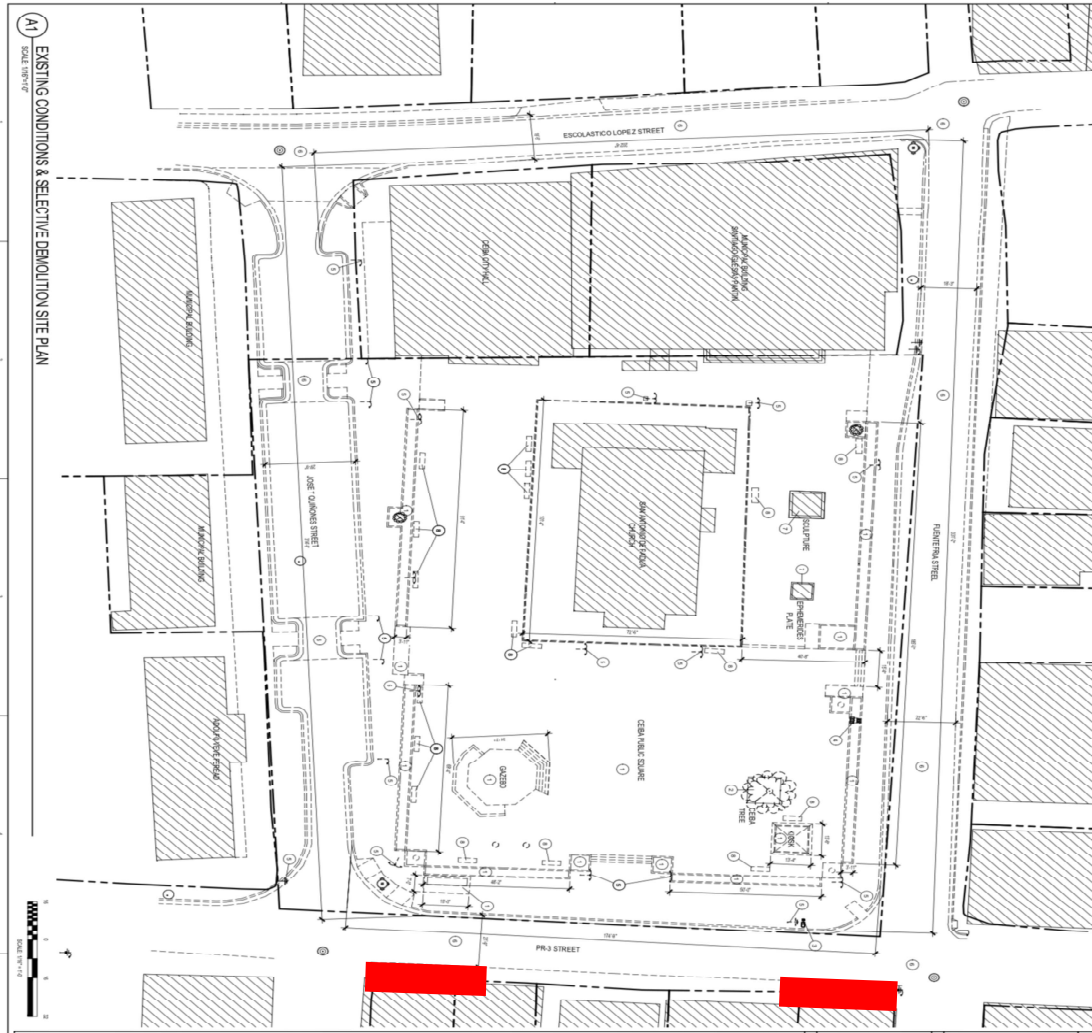
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF SHEET																	
P	Heuresis Corp.																
Model	PB200i																
Type	XRF Lead Paint Analyzer																
Serial Num.	2279																
App Version	PB200i-5.2.0																
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	22	0	mg/cm2	Negative	1	10/26/2022	10:25:00	E. Ortiz	100-116	Exterior	Escolastico Lopez Street	Lightning Pole	Concrete	-	Green	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	23	0	mg/cm2	Negative	1	10/26/2022	10:25:06	E. Ortiz	100-116	Exterior	Escolastico Lopez Street	Lightning Pole	Concrete	-	Green	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	24	0	mg/cm2	Negative	1	10/26/2022	10:26:42	E. Ortiz	100-116	Exterior	Escolastico Lopez Street	Speed Bump	Asphalt	-	Yellow	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	25	0.1	mg/cm2	Negative	1	10/26/2022	10:26:57	E. Ortiz	100-116	Exterior	Escolastico Lopez Street	Speed Bump	Asphalt	-	Yellow	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	26	0.2	mg/cm2	Negative	1	10/26/2022	10:27:16	E. Ortiz	100-116	Exterior	Escolastico Lopez Street	Speed Bump	Asphalt	-	Yellow	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	27	0.2	mg/cm2	Negative	1	10/26/2022	10:27:28	E. Ortiz	100-116	Exterior	Jose T Quinones Street	Curb	Concrete	-	Unpainted	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	28	0	mg/cm2	Negative	1	10/26/2022	10:28:25	E. Ortiz	100-116	Exterior	Jose T Quinones Street	Floor Mark	Asphalt	-	White	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	29	0.2	mg/cm2	Negative	1	10/26/2022	10:28:39	E. Ortiz	100-116	Exterior	Jose T Quinones Street	Floor Mark	Asphalt	-	White	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	30	0.1	mg/cm2	Negative	1	10/26/2022	10:28:59	E. Ortiz	100-116	Exterior	Jose T Quinones Street	Floor Mark	Asphalt	-	Blue	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	31	0.1	mg/cm2	Negative	1	10/26/2022	10:29:11	E. Ortiz	100-116	Exterior	Jose T Quinones Street	Floor Mark	Asphalt	-	Blue	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	32	0	mg/cm2	Negative	1	10/26/2022	10:29:29	E. Ortiz	100-116	Exterior	Jose T Quinones Street	Pole	Metal	-	Green	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	33	0.8	mg/cm2	Negative	1	10/26/2022	10:29:46	E. Ortiz	100-116	Exterior	Jose T Quinones Street	Pole	Metal	-	Green	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	34	0.3	mg/cm2	Negative	1	10/26/2022	10:30:30	E. Ortiz	100-116	Exterior	Jose T Quinones Street	Lightning Pole	Metal	-	Green	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	35	0.2	mg/cm2	Negative	1	10/26/2022	10:30:51	E. Ortiz	100-116	Exterior	Jose T Quinones Street	Lightning Pole	Metal	-	Green	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	36	0	mg/cm2	Negative	1	10/26/2022	10:31:00	E. Ortiz	100-116	Exterior	Jose T Quinones Street	Lightning Pole	Metal	-	Green	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	37	2.5	mg/cm2	Positive	1	10/26/2022	10:31:12	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	20 LF approx.
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	38	4.5	mg/cm2	Positive	1	10/26/2022	10:31:28	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	25 LF approx.
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	39	1.5	mg/cm2	Positive	1	10/26/2022	10:31:47	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	25 LF approx.
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	40	1.5	mg/cm2	Positive	1	10/26/2022	10:31:55	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	25 LF approx.
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	41	0.2	mg/cm2	Negative	1	10/26/2022	10:32:18	E. Ortiz	100-116	Exterior	PR-3 Street	Handicap Ramp	Concrete	-	Blue	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	42	0	mg/cm2	Negative	1	10/26/2022	10:32:29	E. Ortiz	100-116	Exterior	PR-3 Street	Handicap Ramp	Concrete	-	Blue	Deteriorated	-

STREETS AROUND PLAZA FELISA RINCON DE GAUTIER - CEIBA PR. XRF SHEET																	
P	Heuresis Corp.																
Model	PB200i																
Type	XRF Lead Paint Analyzer																
Serial Num.	2279																
App Version	PB200i-5.2.0																
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	Wall	Color	Condition	Approx. Qty.
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	43	0.2	mg/cm2	Negative	1	10/26/2022	10:32:48	E. Ortiz	100-116	Exterior	PR-3 Street	Floor Mark	Asphalt	-	White	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	44	0.1	mg/cm2	Negative	1	10/26/2022	10:33:08	E. Ortiz	100-116	Exterior	PR-3 Street	Floor Mark	Asphalt	-	White	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	45	0.3	mg/cm2	Negative	1	10/26/2022	10:33:17	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	46	0.7	mg/cm2	Negative	1	10/26/2022	10:33:45	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	47	0.2	mg/cm2	Negative	1	10/26/2022	10:33:51	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	48	0.3	mg/cm2	Negative	1	10/26/2022	10:33:57	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	49	0	mg/cm2	Negative	1	10/26/2022	10:34:03	E. Ortiz	100-116	Exterior	PR-3 Street	Curb	Concrete	-	Yellow	Deteriorated	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	50	1	mg/cm2	Positive	-	10/26/2022	10:36:09	E. Ortiz	100-116	Exterior	Callibration	-	-	-	-	-	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	51	1	mg/cm2	Positive	-	10/26/2022	10:36:30	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-
STREETS AROUND PLAZA FELISA RINCON DE GAUTIER	52	1	mg/cm2	Positive	-	10/26/2022	10:36:54	E. Ortiz	100-116	Exterior	Calibration	-	-	-	-	-	-

Streets around Plaza Felisa Rincón de Gautier, Ceiba

LBP DIAGRAM

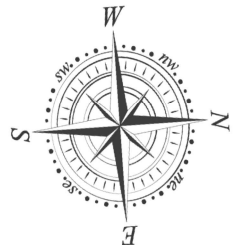
  **LBP POSITIVE, YELLOW CONCRETE CURB**



← main street →

Room View Key Plan

not to scale



267 Av. Lauro Piñero,

Ceiba, PR 00735



NAT-F121771-2

Puerto Rico Lead-based Paint Inspector and Company Accreditations



Performance Characteristic Sheet

EFFECTIVE DATE: September 1, 2022

MANUFACTURER AND MODEL:

Make: *Heuresis*
Models: *Model Pb200i, Pb200e*
Source: *⁵⁷Co, 5 mCi (nominal – new source)*

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level 1.0 mg/cm²

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	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	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/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² 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/cm² 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/cm² 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/cm². 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.

For each substrate type (the 1.02 mg/cm² NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):

$$\text{Correction value} = (1\text{st} + 2\text{nd} + 3\text{rd} + 4\text{th} + 5\text{th} + 6\text{th Reading})/6 - 1.02 \text{ mg/cm}^2$$

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/cm². 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/cm²), 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.

Exhibit 7: USFWS Self-Certification Package



Transmittal Letter

October 3, 2024

Caribbean Ecological Services Field Office
U.S. Fish and Wildlife Service
P.O. Box 491
Boquerón, Puerto Rico 00622
Email: caribbean@es@fws.gov



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.

DAMARIS ROMAN
Reviewer **RUIZ**

Digitally signed by DAMARIS
ROMAN RUIZ
Date: 2024.10.17 14:18:42 -04'00'

LOURDES MENA

Caribbean ES Field Supervisor

Digitally signed by LOURDES MENA
Date: 2024.10.31 16:03:47 -04'00'

RE: USFWS Endangered Species Act Certifications – September 2024

We are submitting the following Self-Certifications for projects under the CDBG-DR Re-Grow PR Urban-Rural Agriculture Program and City Revitalization Program. Attached are included the Self-Certifications that certify that the projects are in compliance and are not likely to adversely affect federally-listed species.

The following table includes the projects that are in compliance with the Blanket Clearance Letter for the Endangered Species act of 1973, as amended, and the Fish and Wildlife Coordination Act.

Project Number	Project Name
PR-CRP-000099	Edificio de Vivienda Graziani
PR-CRP-000101	Plaza Pública Juan Evangelista Rivera
PR-CRP-000956	Paseo de Diego St. Rehabilitation
PR-CRP-000968	Revitalization of Felisa Rincón de Gautier Public Plaza
PR-CRP-000986	Mejoras a la plaza del recreo José Francisco Náter
PR-CRP-001075	Maturi Park
PR-CRP-001183	Improvements to the Recreational Area of Trastalleres and Calle Luis Llorens
PR-RGRW-01228	Hacienda San Pedrito

For more information, please contact the Permits and Environmental Compliance Division at environmentcdbg@vivienda.pr.gov or at (787)274.2527 ext. 4320.

Sincerely,

Permits and Environmental Compliance Division
Disaster Recovery Office



Self-Certification

<http://www.fws.gov/caribbean/ES/Index.html>

Endangered Species Act Certification

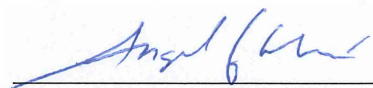
The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally-listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project, **Revitalization of Felisa Rincón de Gautier Public Plaza (PR-CRP-000968)**, consists of the revitalization of the Municipal Town Square (Plaza). This project includes improvements to lighting, construction of benches and trash recipients, expansion and reconstruction of sidewalks and crossways, new pedestrian crossings within the municipal streets, construction of a new public stage for local events, installation of trellis (open roofs areas), installation of sculptures with typical local themes as focal points, improvements to the green areas and botanical beautification. The construction of two (2) kiosks, also the plumbing works to connect potable and sanitary lines, and electrical works to provide electricity. The removal of existing palms and small trees within the plaza and the relocation of two existing Ceiba (Scientific name: *Ceiba pentandra*) inside the project area where they can be preserved. The project located at 267 Lauro Piñero Avenue, Ceiba, Puerto Rico (18.264608,-65.648210) complies with:

Check	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 major 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.



Ángel G. López-Guzmán
Deputy Director

Permits and Environmental Compliance Division

Office of Disaster Recovery

Address: P.O. Box 21365 San Juan, PR 00928

Telephone and Ext: 787-274-2527 ext. 4320

Email: environmentcdbq@vivienda.pr.gov

Sept. 23, 2024

Date



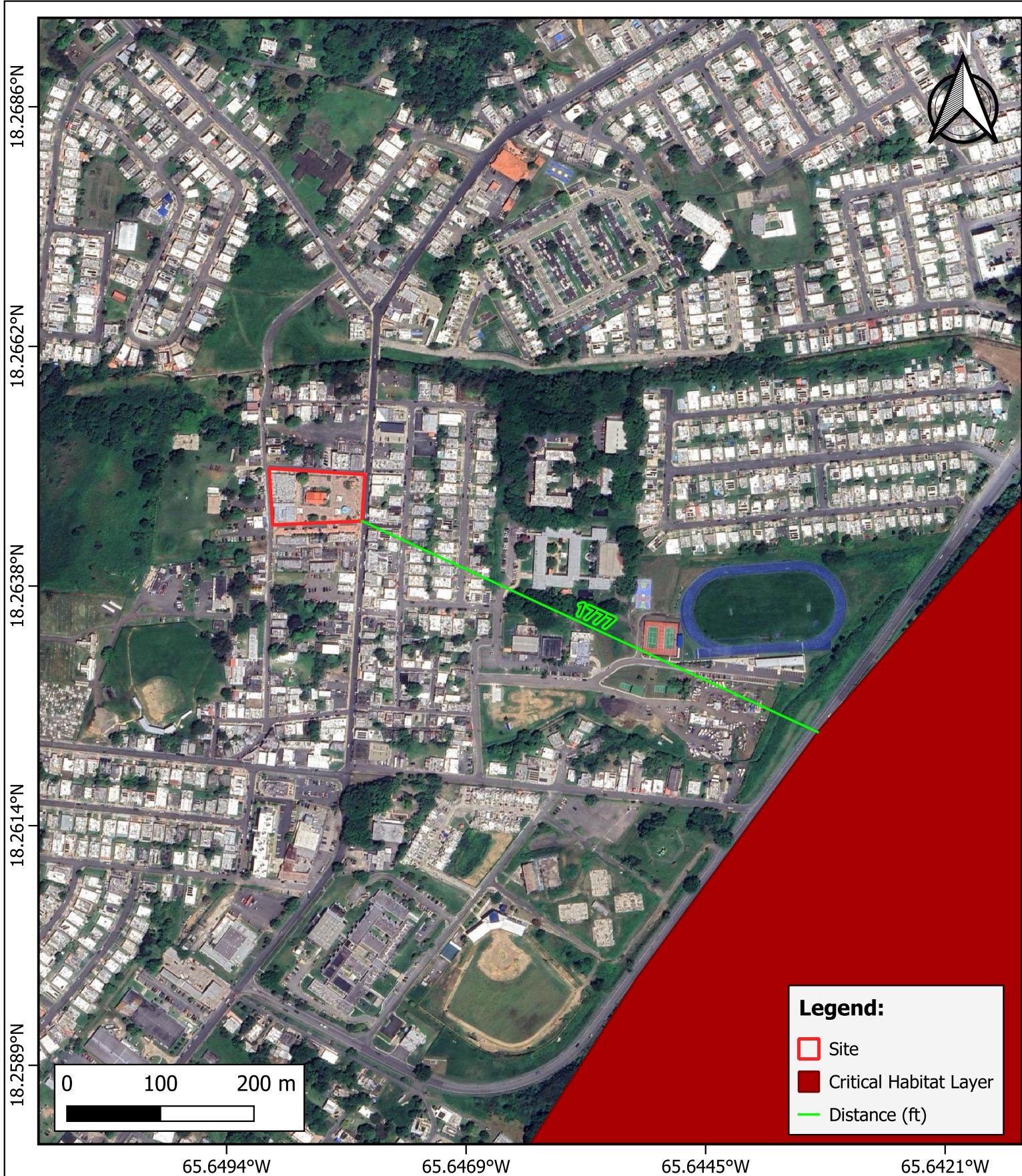
PR-CRP-000968 - Aerial Image

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico 00735

Coordinates: 18.26469, -65.648212

Source: <https://earth.google.com/static/multi-threaded/versions/10.63.0.1/index.html?>





PR-CRP-000968 - Critical Habitat Map

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico 00735

Coordinates: 18.26469, -65.648212

Source: <https://ecos.fws.gov/ecp/report/table/critical-habitat.html>



Exhibit 11: Wetland – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico 00735

Coordinates: 18.26469, -65.648212



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands



August 23, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Site

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.

Spatial Reference: NAD83 StatePlane Puerto Rico Virgin Islands FIPS 5200 Feet

Source:

<https://fwsprimary.wim.usgs.gov/server/rest/directories/arcgisoutput>

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the 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.

Location

Ceiba County, Puerto Rico



Local office

Caribbean Ecological Services Field Office

☎ (787) 851-7297

📠 (787) 851-7440

MAILING ADDRESS

Post Office Box 491

Boqueron, PR 00622-0491

PHYSICAL ADDRESS

Carr 301, Km 5.1, Bo Corozo

Boqueron, PR 00622-0510

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 species¹ 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 Fisheries²).

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).

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 <i>Chilabothrus inornatus</i> 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.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

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?

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 [RAIL 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

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.

Coastal Barrier Resources System

Projects within the [John H. Chafee Coastal Barrier Resources System](#) (CBRS) may be subject to the restrictions on federal expenditures and financial assistance and the consultation requirements of the Coastal Barrier Resources Act (CBRA) (16 U.S.C. 3501 et seq.). For more information, please contact the local [Ecological Services Field Office](#) or visit the [CBRA Consultations website](#). The CBRA website provides tools such as a flow chart to help determine whether consultation is required and a template to facilitate the consultation process.

THERE ARE NO KNOWN COASTAL BARRIERS AT THIS LOCATION.

Data limitations

The CBRS boundaries used in IPaC are representations of the controlling boundaries, which are depicted on the [official CBRS maps](#). The boundaries depicted in this layer are not to be considered authoritative for in/out determinations close to a CBRS boundary (i.e., within the "CBRS Buffer Zone" that appears as a hatched area on either side of the boundary). For projects that are very close to a CBRS boundary but do not clearly intersect a unit, you may contact the Service for an official determination by following the instructions here: <https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation>

Data exclusions

CBRS units extend seaward out to either the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward extent of the units is not shown in the CBRS data, therefore projects in the offshore areas of units (e.g., dredging, breakwaters, offshore wind energy or oil and gas projects) may be subject to CBRA even if they do not intersect the CBRS data. For additional information, please contact CBRA@fws.gov.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

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](#).

THERE ARE NO KNOWN 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.

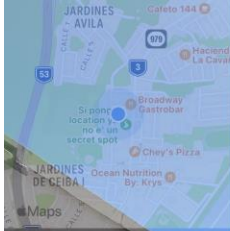
Data precautions

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.

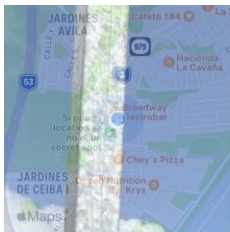
NOT FOR CONSULTATION

PR-CRP-000968 - Project Site Images





08/08/2024
+18.264627,-65.648657 ±4.73m
Ceiba, PR 00735
PR-CRP-000968



08/08/2024
+18.264661,-65.647964 ±11.51m
Ceiba, PR 00735
PR-CRP-000968



Exhibit 8: Farmlands Protection – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735

Coordinates: 18.264664, -65.648287



✚ Project Point

Coordinates: 18.264664, -65.648287



MAP LEGEND

 Area of Interest (AOI)	 Prime farmland if subsoiled, completely removing the root inhibiting soil layer	 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 reclaimed of excess salts and sodium	 Farmland of unique importance
Soils	 Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	 Farmland of statewide importance, if irrigated and drained	 Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season	 Not prime farmland
Soil Rating Polygons	 Not prime farmland	 Prime farmland if irrigated and reclaimed of excess salts and sodium	 Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season	 All areas are prime farmland
 All areas are prime farmland	 Farmland of statewide importance	 Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		 Prime farmland if drained
 Prime farmland if drained	 Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season	 Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		 Prime farmland if protected from flooding or not frequently flooded during the growing season
 Prime farmland if protected from flooding or not frequently flooded during the growing season	 Farmland of statewide importance, if irrigated			 Prime farmland if irrigated
 Prime farmland if irrigated				 Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
 Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season				 Not prime farmland
 Prime farmland if irrigated and drained				 All areas are prime farmland
 Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season				 Prime farmland if drained
 Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season				 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
				 Not prime farmland
				 All areas are prime farmland
				 Prime farmland if drained

	Prime farmland if subsoiled, completely removing the root inhibiting soil layer		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 reclaimed of excess salts and sodium		Farmland of unique importance		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		Farmland of statewide importance, if irrigated and drained		Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season		Not rated or not available		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, if irrigated and 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		Soil Rating Points		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 thawed		■ Not prime farmland		Farmland of statewide importance
	Farmland of statewide importance, if 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 local importance, if warm enough		■ All areas are prime farmland		Farmland of statewide importance, if drained
	Farmland of statewide importance, if irrigated		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of local importance, if thawed		■ Prime farmland if drained		Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
							■ Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated

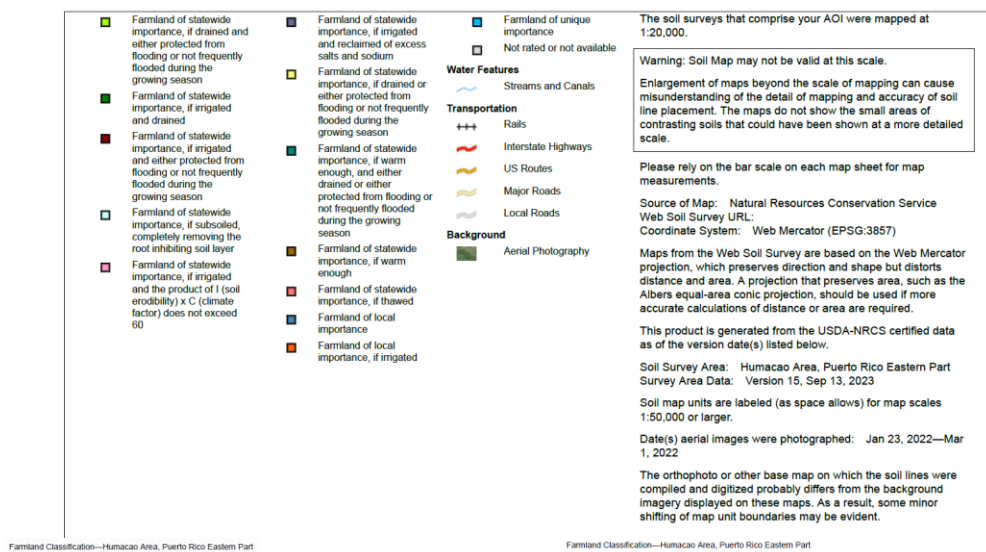
Exhibit 8: Farmlands Protection – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico 00735

Coordinates: 18.264664, -65.648287



Farmland Classification—Humacao Area, Puerto Rico Eastern Part



Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
UR	Urban land	Not prime farmland	1.9	100.0%
Totals for Area of Interest			1.9	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

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The majority of soil attributes are associated with a component of a map unit, and such an attribute has to be aggregated to the map unit level before a thematic map can be rendered. Map units, however, also have their own attributes. An attribute of a map unit does not have to be aggregated in order to render a corresponding thematic map. Therefore, the "aggregation method" for any attribute of a map unit is referred to as "No Aggregation Necessary".

Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Friday, May 3, 2024

Lauren B Poche

269 Avenida Ponce de Leon, San Juan, PR, 00917

SHPO-CF-04-17-24-02 PR-CRP-000968 (Ceiba), Revitalización Plaza Pública
Felisa Rincón Project

Dear Ms. Poche,

We acknowledge receipt of your submittal letter and scope of work changes, dated April 17, 2024, regarding the above referenced project. We concur with your determination that the updated scope of work will have no adverse effect upon historic properties conditioned to the implementation of the Archaeological Monitoring and Protection Plan that approved our office on August 10, 2023.

Please note that should the Agency discover other historic properties at any point during project implementation, you should notify the SHPO immediately. 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/ EVR



Cuartel de Ballajá (Tercer Piso), Calle Norzagaray, Esq. Beneficencia, Viejo San Juan, PR 00901 | PO Box 9023935, San Juan, PR 00902-3935



October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

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 registry review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

In line 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,


Juan C. Pérez Bofill, P.E. M.Eng
Director of Disaster Recovery
CDBG DR-MIT

April 17, 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

SHPO 05-30-23-04: Section 106 NHPA Effect Determination Submittal, Scope Change for PR-CRP-000968, Revitalización Plaza Pública Felisa Rincón Project, Cieba, Puerto Rico – No Adverse Effect, Conditioned

Dear Architect Rubio Cancela,

On behalf of the Puerto Rico Department of Housing (PRDOH) and the subrecipient for this project, the Municipality of Cieba, we are submitting documentation for changes to the scope of work for PR-CRP-000968, the Revitalización Plaza Pública Felisa Rincón Project.

The project was originally submitted to the Puerto Rico State Historic Preservation Office (SHPO) on May 31, 2023, with the intention of revitalizing the Felisa Rincón de Gauthier Public Plaza as a safe and accessible pedestrian zone while preserving its historic character. SHPO submitted a response letter on June 26, 2023, with a concurrence of No Adverse Effect conditioned to archaeological monitoring during demolition and construction activities. On July 28, 2023, an Archaeological Monitoring and Protection Plan was submitted to SHPO and approved on August 10, 2023.

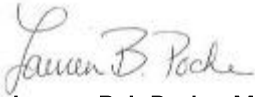
Since then, changes were made to the proposed design as a result of discussions with the Institute of Puerto Rican Culture (ICP). The agency requested the elimination of the trellis and kiosks around the San Antonio de Padua Parish to avoid visual obstruction or competition. Specifically, of the four trellises surrounding the church, two will be eliminated, and two will be relocated next to José Quiñones Street on the south side of the Felisa Rincón de Gauthier Public Plaza and used as kiosks, requiring excavation of approximately three feet in depth for the footing structures. Additionally, the trellis roof for the public state will be eliminated from the scope of work. This is detailed in the attached Section 106 NHPA Effect Determination – Scope Change Form and the included 100% design plans.

The attached form has determined that the proposed scope of work will not change the previous finding of no adverse effect, conditioned to the implementation of the Archaeological Monitoring and Protection Plan that was approved by your office in a letter dated August 10, 2023, and the Program respectfully requests your concurrence.

Please contact me with any questions or concerns by email at lauren.poche@horne.com or phone at 225-405-7676.

As always, thank you for your assistance and we look forward to your response.

Kindest regards,



Lauren Bair Poche. M.A.

Architectural Historian, EHP Senior Manager

Attachments

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination – Scope Change		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
SHPO ID: 05-30-23-04		
Case ID: PR-CRP-000968		
Subrecipient: Municipality of Ceiba		City: Ceiba
Project Name: Revitalización Plaza Pública Felisa Rincón		
Project Location: 267 Ave. Lauro Piñero, Ceiba, PR 00735		
Project Coordinates: 18.264608, -65.648281		
TPID (Número de Catastro): 205-047-016-01		
SOI-Qualified Professional(s): Sara Aponte Meléndez		
Date Reviewed: March 26, 2024		

The project PR-CRP-000968 was originally submitted to the Puerto Rico State Historic Preservation Office (SHPO) on May 31, 2023, with the intention of revitalizing the Felisa Rincón de Gauthier Public Plaza as a safe and accessible pedestrian zone while preserving its historic character. SHPO submitted a response letter on June 26, 2023, with a concurrence of No Adverse Effect conditioned to archaeological monitoring during demolition and construction activities. On July 28, 2023, an Archaeological Monitoring and Protection Plan was submitted to SHPO and approved on August 10, 2023.

In the interim, the scope of work changed. The Institute of Puerto Rican Culture (ICP in Spanish) requested the elimination of the trellis and kiosks around the San Antonio de Padua Parish to avoid visual obstruction or competition. However, the proposed changes do not conform to Stipulation II.A (Project Review – Programmatic Allowances) of the Section 106 Programmatic Agreement (PA) among FEMA, SHPO, and COR3, as amended on May 3, 2023. Therefore, on behalf of the Puerto Rico Department of Housing and the Subrecipient, the Municipality of Ceiba, the following changes to the scope of work are presented for consultation:

The project is limited to the Felisa Rincón de Gauthier Public Plaza and its surrounding sidewalks and extends into Severiano Fuentes Street to the north and José T. Quiñones Street to the south, in Pueblo Ward of the Municipality of Ceiba. It borders Severiano Fuentes Street to the north, José T. Quiñones Street to the south, City Hall Building, Santiago Iglesias Pantín School, and Escolástico López Street to the west, and State Road PR-979 to the east, with a footprint of 65 meters in length and 45 meters in width, which is approximately 2,925 square meters in area. It also borders the churchyard of San Antonio de Padua Parish, situated at the center of the west side of the public plaza.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination – Scope Change		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
SHPO ID: 05-30-23-04		
Case ID: PR-CRP-000968		
Subrecipient: Municipality of Ceiba		City: Ceiba
Project Name: Revitalización Plaza Pública Felisa Rincón		

The project consists of the installation of new solar lighting system with a concrete base and footing structures of approximately three feet in depth, benches, trash recipients, expansion and reconstruction of surrounding sidewalks, new pedestrian crossings, the construction of a new public stage for local events, the installation of typical thematic sculptures, landscaping of green areas, leveling the José Quiñones Street to match the sidewalk grade, and the installation of four trellis (open roofs), two on each side of the San Antonio de Padua Parish, requiring footing structures of approximately three feet in depth.

The project also contemplates new concrete slab for sidewalks and surface treatments throughout the public plaza; new concrete stairs and ramps, requiring footing structures of approximately three feet in depth, to provide access throughout its entire perimeter; new stage facilities with an approximate area of 90 square meters (968.7 ft²), also requiring footing structures of approximately three feet in depth; urban mobiliary (wood and concrete material), metal dumpsters, bollards, and concrete planters above the surface level of the public plaza.

The proposed demolition works include the removal of existing pavers and planters, the gazebo, concrete stairs, urban mobiliary, lighting posts, and sidewalks. Palms and small trees within the public plaza will also be removed, while the two trees identified as *ceibas* will be carefully removed and relocated within the same project area. Additionally, the removal of the churchyard fence and demolition of its concrete base will be considered.

Change in Scope

Changes to the project's scope of work will comprise the following and can be observed in the attached 100% designs.

- The four trellises surrounding the San Antonio de Padua Parish:
 - Two of the trellises will be eliminated from the scope of work.
 - The remaining two trellises will be relocated next to José Quiñones Street on the south side of the Felisa Rincón de Gauthier Public Plaza and used as kiosks, requiring excavation of approximately three feet in depth for the footing structures.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination – Scope Change		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
SHPO ID: 05-30-23-04		
Case ID: PR-CRP-000968		
Subrecipient: Municipality of Ceiba		City: Ceiba
Project Name: Revitalización Plaza Pública Felisa Rincón		

• The trellis roof for the public stage will be eliminated from the scope of work.
 Figure 1 demonstrates the original layout and the new version requested by the Institute of Puerto Rican Culture (ICP) where:

1. ICP requested that that the trellis roof of the public stage be eliminated.
2. ICP requested that the two trellises next to the San Antonio de Padua Parish on the south side be eliminated.
3. ICP requested that the remaining two trellises next to the San Antonio de Padua Parish on the north side be relocated.

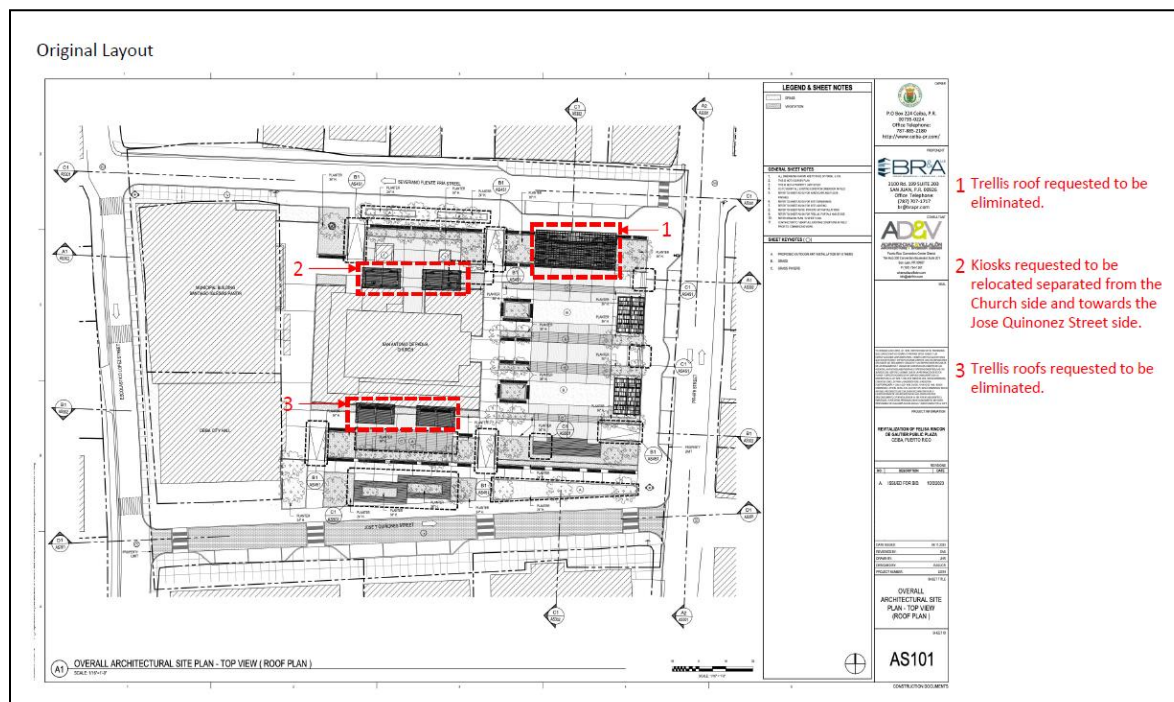


Figure 1

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination – Scope Change		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
SHPO ID: 05-30-23-04		
Case ID: PR-CRP-000968		
Subrecipient: Municipality of Ceiba		City: Ceiba
Project Name: Revitalización Plaza Pública Felisa Rincón		

Figure 2 demonstrates the revised layout to comply with the request of the Institute of Puerto Rican Culture (ICP) where:

1. The trellis roof of the public stage was eliminated.
2. The two trellises next to the San Antonio de Padua Parish on the south side were eliminated.
3. The two remaining trellises next to the San Antonio de Padua Parish on the north side were relocated to serve as kiosks.

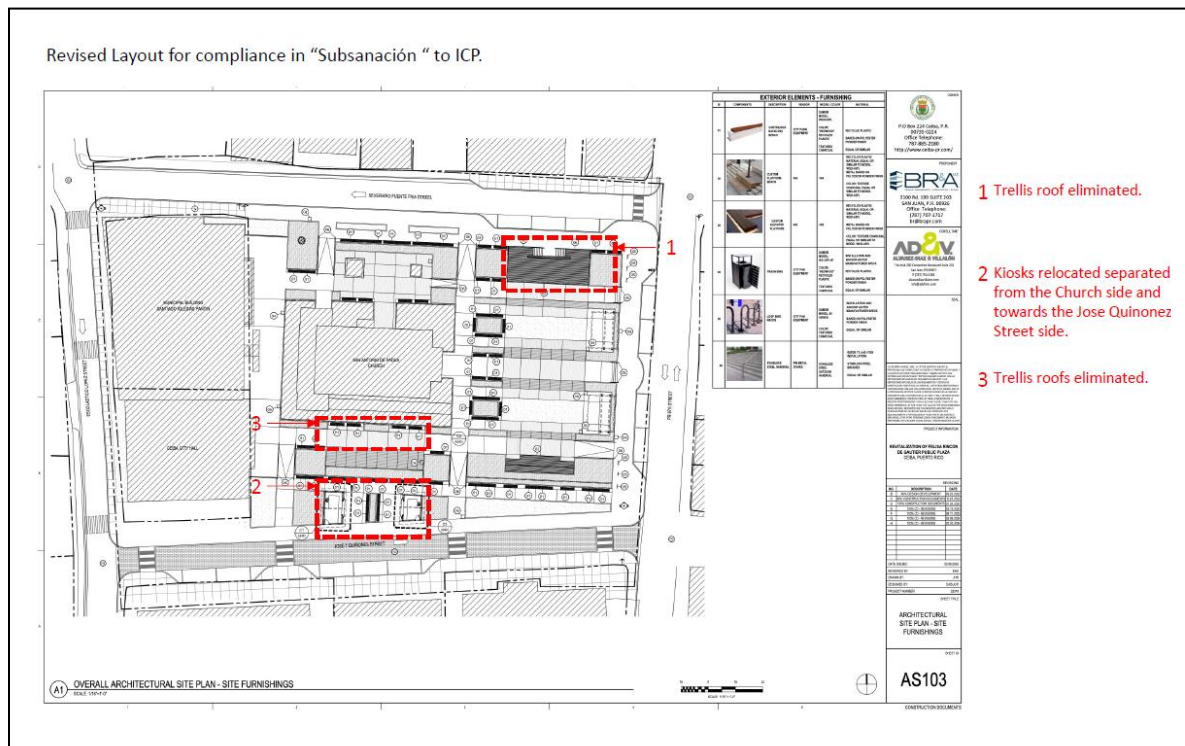


Figure 2

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination – Scope Change		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
SHPO ID: 05-30-23-04		
Case ID: PR-CRP-000968		
Subrecipient: Municipality of Ceiba		City: Ceiba
Project Name: Revitalización Plaza Pública Felisa Rincón		

Determination

The proposed change in scope will not alter the archaeological or architectural determination of the Section 106 NHPA Effect Determination Form. Ground disturbance within the direct Area of Potential Effects (APE), which consists of the Felisa Rincón de Gauthier Public Plaza and its surrounding sidewalks, including Severiano Fuentes Street to the north and José T. Quiñones Street to the south, will be minimized due to the elimination of two trellises that would have been installed adjacent to the San Antonio de Padua Parish. The relocation of the remaining two trellises will substantially reduce the visual impact on the cultural viewshed or indirect APE, which includes NRHP-eligible historic properties such as the City Hall Building, San Antonio de Padua Parish, Santiago Iglesias Pantín School, and Adolfo Veve Fereau School, while improvements to the surrounding public sidewalks and streets will have a positive visual impact. Therefore, the proposed change in scope will optimize the rehabilitation of the Felisa Rincón de Gauthier Public Plaza and, ultimately, the Ceiba Traditional Urban Center.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination – Scope Change		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
SHPO ID: 05-30-23-04		
Case ID: PR-CRP-000968		
Subrecipient: Municipality of Ceiba		City: Ceiba
Project Name: Revitalización Plaza Pública Felisa Rincón		

Recommendation

Based on the above scope change(s), the Program has determined that the following undertaking is appropriate for this undertaking:

- ☐ No Historic Properties Affected
☒ No Adverse Effect

Condition: Due to the historic character of the Felisa Rincón de Gauthier Public Plaza and its immediacy to NRHP-eligible historic properties such as the City Hall Building, San Antonio de Padua Parish, Santiago Iglesias Pantín School, and Adolfo Veve Fereau School, which are all contributing properties to the Ceiba Traditional Urban Center, the presence of an SOI-Qualified Archaeological Monitor during demolition and construction activities is recommended, following the archaeological monitoring and protection plan approved by the PRSHO in letter dated August 10, 2023.

- ☐ Adverse Effect

Proposed Resolution (if applicable):

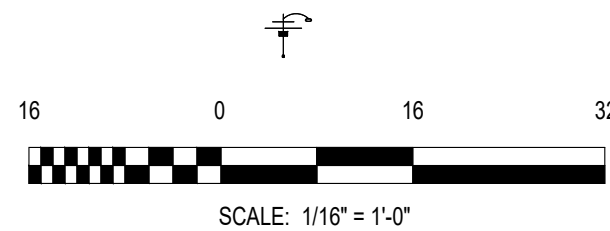
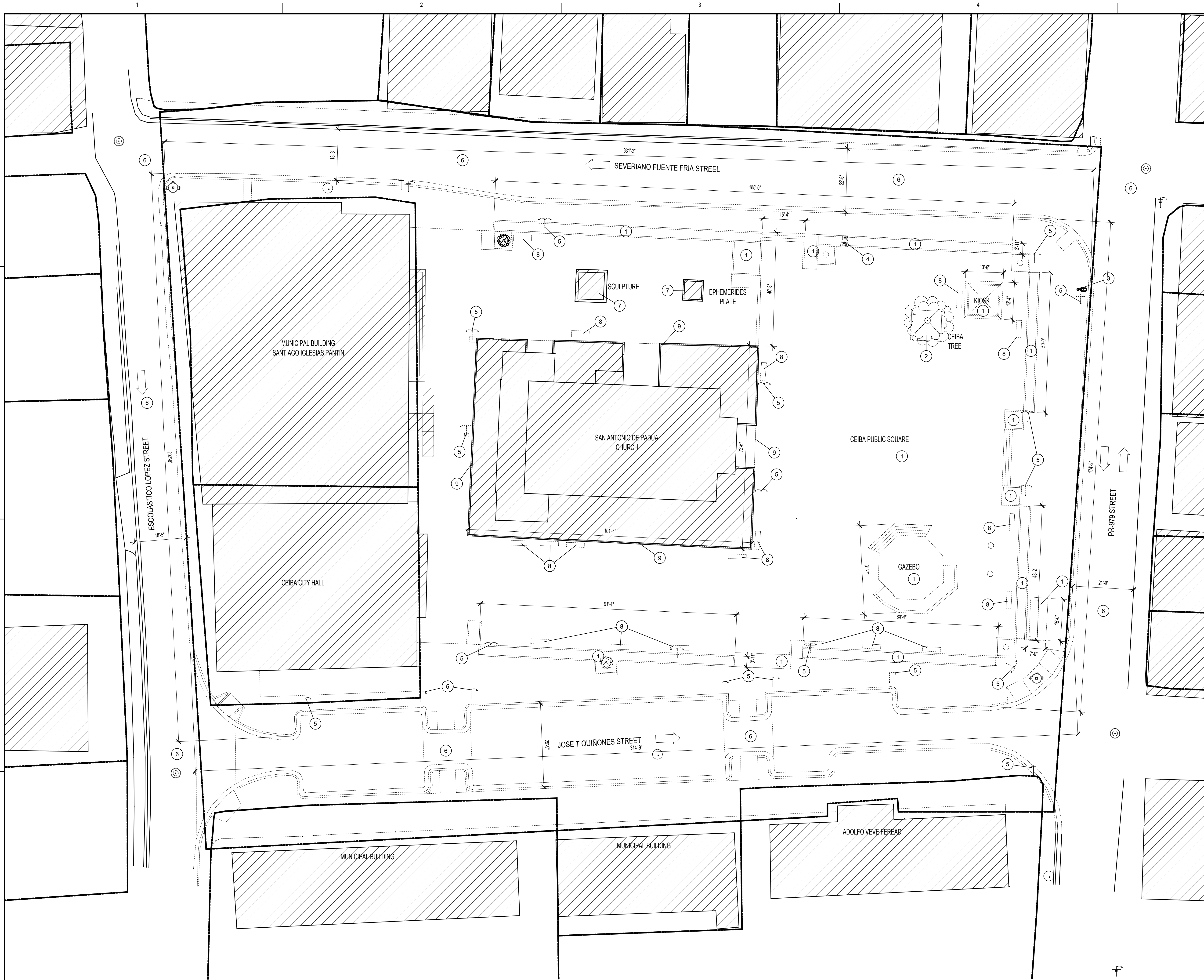
CONSTRUCTION DOCUMENTS

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A1

EXISTING CONDITIONS & SELECTIVE DEMOLITION SITE PLAN

SCALE: 1/16"=1'-0"



LEGEND & SHEET NOTES

- EXISTING TO REMAIN
- EXISTING TO BE DEMOLISHED AND DISPOSED
- PROPERTY LIMIT

GENERAL SHEET NOTES

- ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.
- THIS IS NOT A SURVEY PLAN
- THIS IS NOT A PROPERTY LIMIT STUDY

SHEET KEYNOTES ()

- COMPLETELY DEMOLISH. DEMOLISH PLANTER AT A MAXIMUM OF 4" FROM FINISH GRADE AND/OR DEMOLISH SLAB AT A MAXIMUM OF 4" FROM FINISHED LEVEL. DISPOSE DEMOLISH MATERIAL.
- EXISTING TREE TO BE CAREFULLY REMOVED AND RELOCATED. COORDINATE WITH OWNER. REFER TO LANDSCAPE DRAWINGS.
- EXISTING WATER METER TO REMAIN. REFER TO CIVIL DRAWINGS.
- EXISTING ELECTRICAL METER TO BE RELOCATED. REFER TO ELECTRICAL DRAWINGS.
- EXISTING STREET LAMP TO BE REPLACED. REFER TO SPECIFICATIONS FOR DETAILS. REFER TO CIVIL DRAWINGS.
- EXISTING STREET TO BE PARTIALLY DEMOLISHED. REFER TO CIVIL DRAWINGS FOR DETAILS.
- EXISTING MONUMENT TO REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION. COORDINATE WITH OWNER.
- EXISTING BENCH TO BE REMOVED AND DISPOSED.
- EXISTING FENCE AND SUPPORT TO BE REMOVED, NO PERFORATION UNDER 4" ABOVE FINISH FLOOR TO BE DONE.



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br@brapr.com



The Hub 200 Convention Boulevard Suite 201
San Juan, PR 00907
P (787) 754-1361
alvarezdiazvillalon.com
info@advfirm.com

YO, RICHARD ALVAREZ, DAZ, LIC. #1718, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTENDIENDO QUE DICHO PLANO Y/O ESPECIFICACIONES CUMPLAN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTA REGULATORIA DE CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DEL 8 DE ENERO DE 2004, SEGUN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSION POR LA INDUSTRIA PUERTO RIQUEÑA Y CON LA LEY NUM. 30 DEL 15 MAYO DE 1998, SEGUN ENMIENDADA, LEY NUM. 96 DEL 6 DE JULIO DE 1976, SEGUN ENMIENDADA, SEGUN APLICABLES, RECONOCIENDO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS REGISTROS 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 DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA COPE.

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
B	60% DESIGN DEVELOPMENT	09.23.2022
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

EXISTING CONDITIONS &
SELECTIVE DEMOLITION
SITE PLAN

SHEET ID

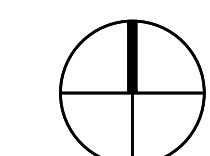
ASD100

CONSTRUCTION DOCUMENTS



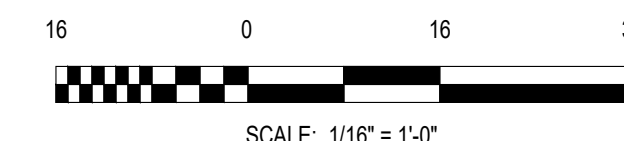
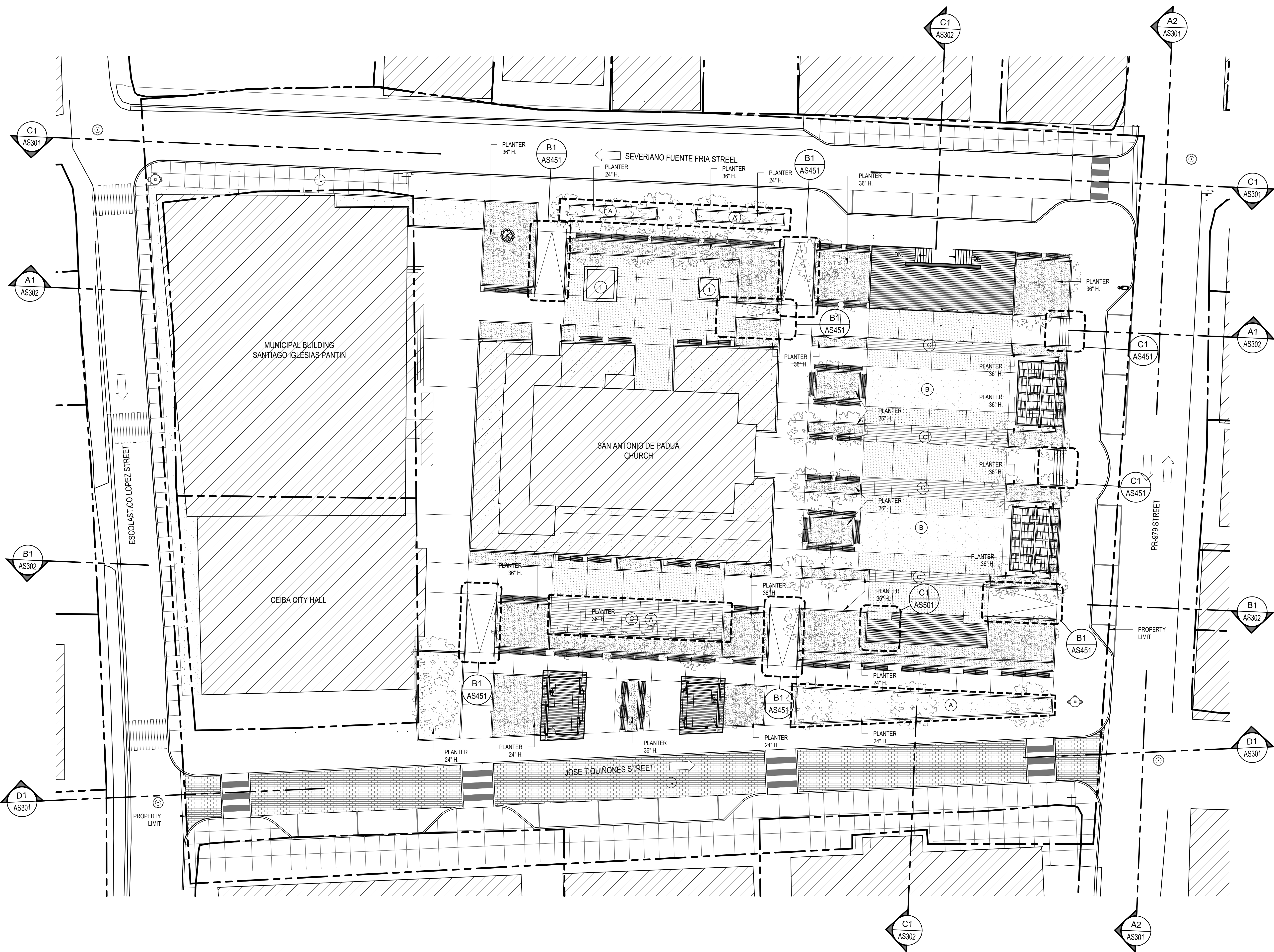
SCALE: 1/16"=1'-0"

SCALE: 1/16"=1'-0"



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OVERALL ARCHITECTURAL SITE PLAN - TOP VIEW (ROOF PLAN)
SCALE: 1/16"=1'-0"



LEGEND & SHEET NOTES

GRASS
VEGETATION

GENERAL SHEET NOTES

- ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.
- THIS IS NOT A SURVEY PLAN
- THIS IS NOT A PROPERTY LIMIT STUDY
- CG TO VERIFY ALL EXISTING CONDITION DIMENSION IN FIELD
- REFER TO SHEET AS102 FOR HARDSCAPE AND FLOOR FINISHES
- REFER TO SHEET AS103 FOR SITE FURNISHINGS
- REFER TO SHEET AS104 FOR SITE LIGHTING
- REFER TO SHEET AS105 FOR SITE ART INSTALLATIONS
- REFER TO SHEET AS106 FOR TRELLIS, PORTALS AND ELEVATED PLATFORM
- REFER GRADING PLAN TO SHEET C300
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO COMMENCING WORK.

SHEET KEYNOTES ()

A. PROPOSED OUTDOOR ART INSTALLATION BY OTHERS
B. GRASS
C. GRASS PAVERS

OWNER

MUNICIPIO DE CEIBA
P.O. Box 224 Ceiba, P.R.
00735-0224
Office Telephone:
787-885-2180
http://www.ceiba-pr.com/

PROPOSER

BR&A LLC
PROJECT MANAGEMENT • ENGINEERING • DESIGN
3100 Rd. 199 SUITE 203
SAN JUAN, P.R. 00926
Office Telephone:
(787) 707-1717
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CONSULTANT

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San Juan, PR 00907
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info@advfirm.com

SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
B	60% DESIGN DEVELOPMENT	09.23.2022
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
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DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/UCR
PROJECT NUMBER: 22019

SHEET TITLE

OVERALL ARCHITECTURAL SITE PLAN - TOP VIEW (ROOF PLAN)

SHEET ID

AS101

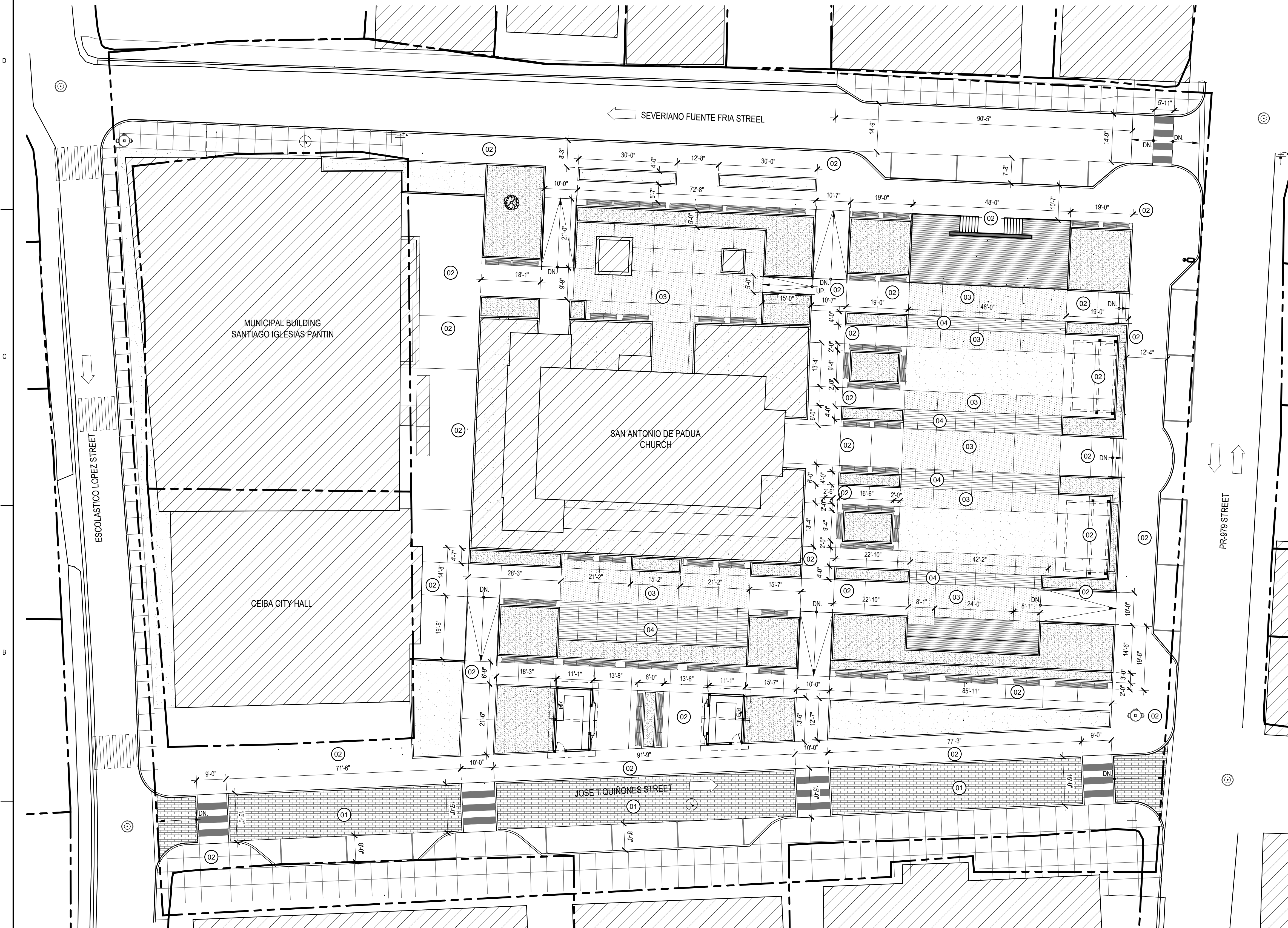
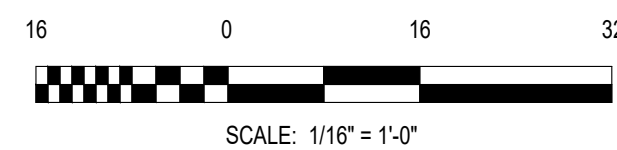
CONSTRUCTION DOCUMENTS

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1022019-AS102.dwg

A1

OVERALL ARCHITECTURAL SITE PLAN - HARDSCAPE FLOOR FINISHES

SCALE: 1/16"=1'-0"



EXTERIOR ELEMENTS - FLOORS					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		PAVING TEXTURE DIMENSIONS: 2'-0" x 4'-0"			MATERIAL: STAMPED CONCRETE COLOR: DARK GREY EQUAL OR SIMILAR
02		BROOM FINISH PAVING TEXTURE			MATERIAL: CONCRETE COLOR: LIGHT GREY GRANITE EQUAL OR SIMILAR
03		BROOM FINISH PAVING TEXTURE			MATERIAL: CONCRETE COLOR: DARK GREY EQUAL OR SIMILAR
04		PAVING TEXTURE 6" X 6'-0"			MATERIAL: STAMPED CONCRETE COLOR: LIGHT GRAY EQUAL OR SIMILAR



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SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
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DATE ISSUED: 02.09.2024

REVIEWED BY: EAS

DRAWN BY: JHR

DESIGNED BY: EAS/JCR

PROJECT NUMBER: 22019

SHEET TITLE

OVERALL
ARCHITECTURAL SITE
PLAN - HARDSCAPE
FLOOR FINISHES

SHEET ID

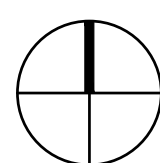
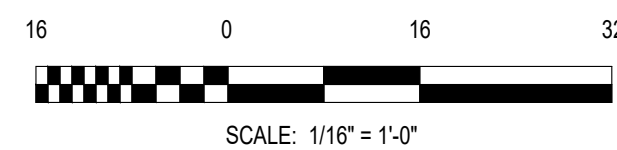
AS102

CONSTRUCTION DOCUMENTS

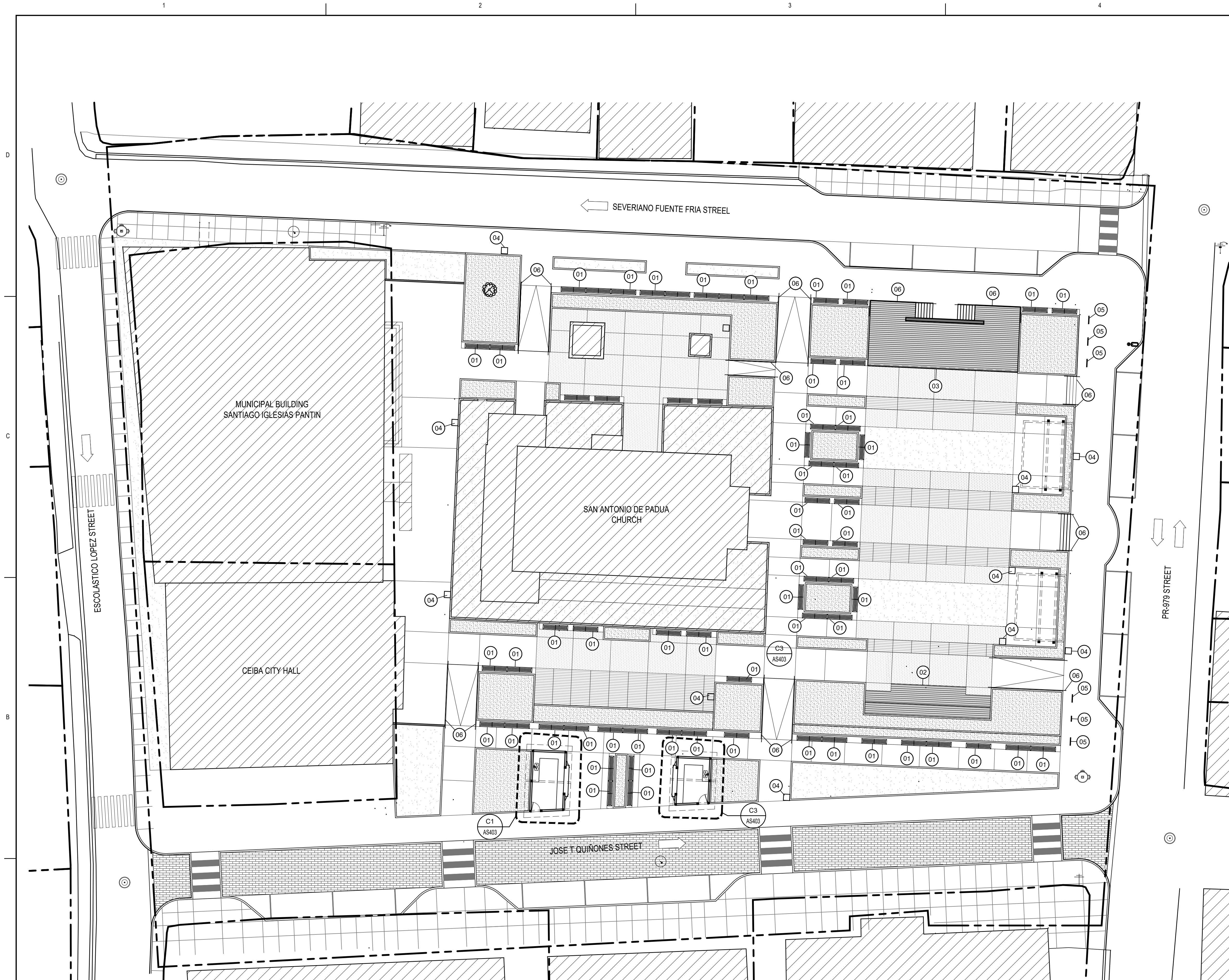
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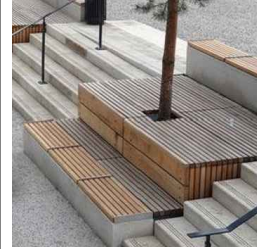
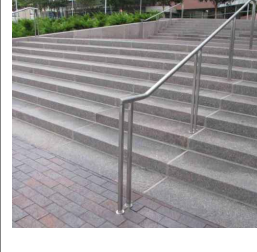
OVERALL ARCHITECTURAL SITE PLAN - SITE FURNISHINGS

SCALE: 1/16"=1'-0"



AS103



EXTERIOR ELEMENTS - FURNISHING					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL / COLOR	MATERIAL
01		CONTINUOUS BACKLESS BENCH	CITY PARK EQUIPMENT	DUMOR MODEL: W623-63PL COLOR: "REDWOOD" RECYCLED PLASTIC TEXTURED CHARCOAL	RECYCLED PLASTIC BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
02		CUSTOM PLATFORM BENCH	N/A	N/A	RECYCLED PLASTIC MATERIAL EQUAL OR SIMILAR TO MODEL W623-63PL METAL BAKED-ON POLYESTER POWDER FINISH COLOR: TEXTURE CHARCOAL EQUAL OR SIMILAR TO MODEL W623-63PL
03		CUSTOM ELEVATED PLATFORM	N/A	N/A	RECYCLED PLASTIC MATERIAL EQUAL OR SIMILAR TO MODEL W623-63PL METAL BAKED-ON POLYESTER POWDER FINISH COLOR: TEXTURE CHARCOAL EQUAL OR SIMILAR TO MODEL W623-63PL
04		TRASH BINS	CITY PARK EQUIPMENT	DUMOR MODEL: 802-32PL-BT COLOR: "REDWOOD" RECYCLED PLASTIC TEXTURED CHARCOAL	INSTALLATION AND ANCHOR AS PER MANUFACTURER SPECS RECYCLED PLASTIC BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
05		LOOP BIKE RACKS	CITY PARK EQUIPMENT	DUMOR MODEL: 83 SERIES COLOR: TEXTURED CHARCOAL	INSTALLATION AND ANCHOR AS PER MANUFACTURER SPECS BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
06		STAINLESS STEEL HANDRAIL	PIN METAL STAIRS	STAINLESS STEEL OUTDOOR HANDRAIL	REFER TO A461 FOR INSTALLATION STAINLESS STEEL BRUSHED EQUAL OR SIMILAR



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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	80% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
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DATE ISSUED: 02.09.2024
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DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

SHEET TITLE

ARCHITECTURAL
SITE PLAN - SITE
FURNISHINGS

SHEET ID

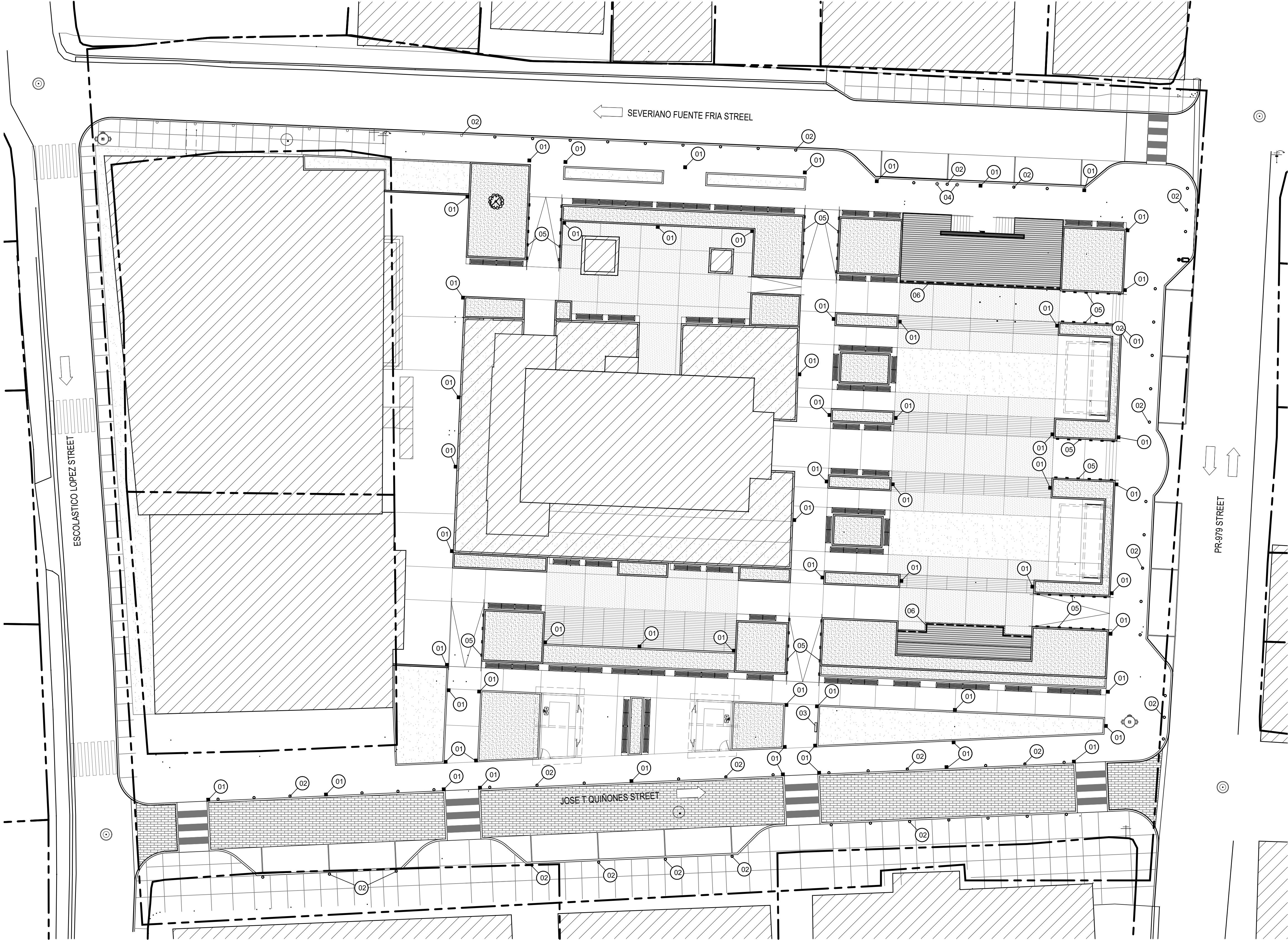
AS103

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A1

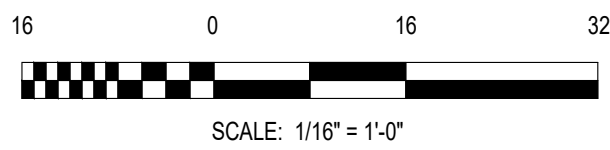
OVERALL ARCHITECTURAL SITE PLAN - LIGHTING

SCALE: 1/16"=1'-0"



EXTERIOR ELEMENTS - LIGHTING					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		PEDESTRIAN LIGHTING DIMENSIONS: H: 4.20M	BEGA	84 875	MONOCRYSTALLINE SOLAR MODULE EFFICIENCY: 22% LED- UP TO 80W LED EFFICIENCY: UP TO 200 LM / W POLE HEIGHT: 4.20MLED HEIGHT: 4.10M MATERIAL: MONOCRYSTALLINE COLOR: DARK GREY EQUAL OR SIMILAR
02		BOLLARDS PEDESTRIAN LIGHTING BOLLARDS	BEGA	84 666	BOLLARD LED OUTDOOR STELLA 7W EQ. 80W IP44 MATERIAL: CAST ALUMINUM COLOR: DARK GREY 7W EQUAL OR SIMILAR
03		URANUS OUTDOOR ADVERTISING BILLBOARD DIMENSIONS: H: 2.70M	URANUS	TO BE DETERMINED	SOLAR PERFORMANCE: 315 WP / MONOCRYSTALLINE SOLAR MODULE EFFICIENCY: 22% BATTERY: LIFEPA 96 AH 1152 W MATERIAL: CAST ALUMINUM COLOR: TOASTED SAND OR EQ. EQUAL OR SIMILAR
04		ELECTRIC CAR CHARGER ROUGH IN			*REFER TO ELECTRICAL PLANS
05		STEP LIGHTS RAMP AND STAIRCASE LIGHTING	BEGA	33 064	REFER TO CALLOUT FOR MORE DETAILS DIE-CAST ALUMINUM MARINE GRADE, COPPER FREE (90.3% COPPER CONTENT) A360.0 ALUMINUM ALLOY CLEAR SAFETY GLASS EQUAL OR SIMILAR
06		COVE LIGHTS	TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.



SCALE: 1/16" = 1'-0"



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SEAL

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
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H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/UCR
PROJECT NUMBER: 22019

SHEET TITLE

ARCHITECTURAL SITE
PLAN - LIGHTING

SHEET ID

AS104

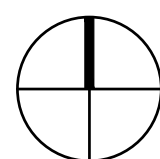
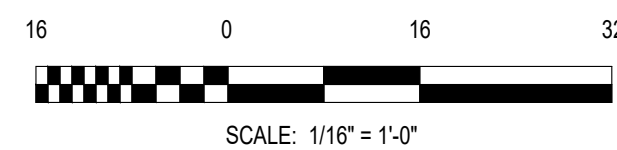
CONSTRUCTION DOCUMENTS

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS106.dwg

A1

ARCHITECTURAL SITE PLAN - TRELLISES, PORTALS, ELEVATED PLATFORM

SCALE: 1/16"=1'-0"



AS106

CONSTRUCTION DOCUMENTS

EXTERIOR ELEMENTS - TRELLIS					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		CUSTOM KIOSK TRELLIS PORTAL FRAME	N/A	N/A	MATERIAL: COMPOSITE WOOD ROOF METAL COLOR: COMPOSITE WOOD WITH TINT EQUAL OR SIMILAR TO DUMOR RECYCLED PLASTIC "REDWOOD" METAL: TEXTURED CHARCOAL EQUAL OR SIMILAR
02		CUSTOM OPEN AIR ROOF SYSTEM	N/A	N/A	MATERIAL: COMPOSITE WOOD ROOF METAL COLOR: COMPOSITE WOOD WITH TINT EQUAL OR SIMILAR TO DUMOR RECYCLED PLASTIC "REDWOOD" METAL: TEXTURED CHARCOAL EQUAL OR SIMILAR



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SEAL

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

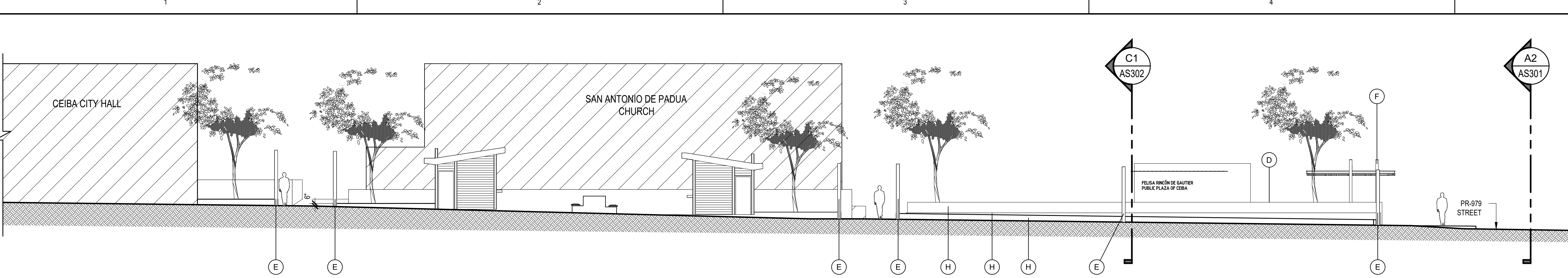
REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
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DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

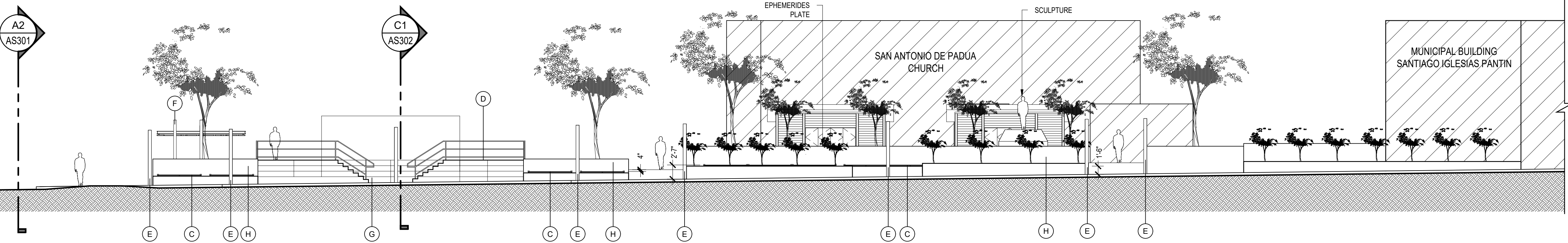
SHEET TITLE

ARCHITECTURAL
SITE PLAN -
TRELLISES,
PORTALS, ELEVATED
PLATFORM

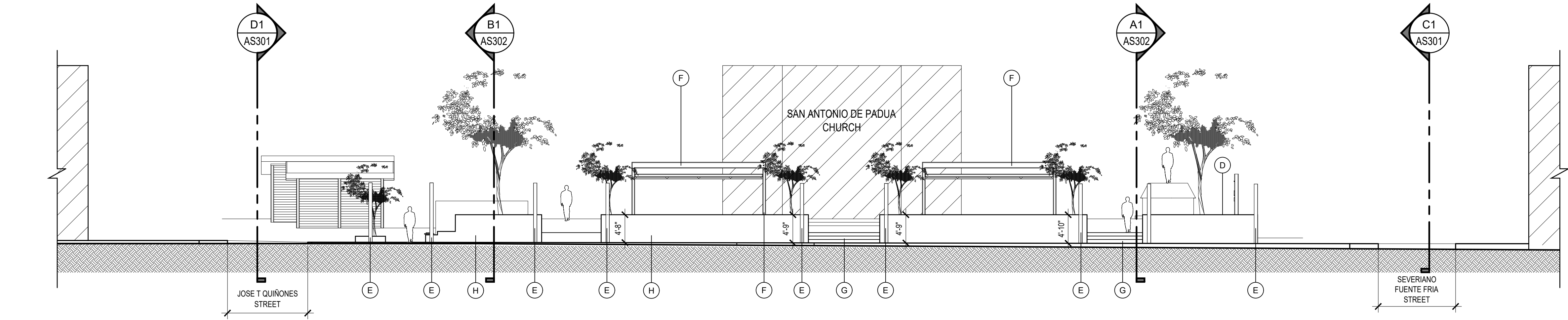
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D1 OVERALL SITE ELEVATION - LONGITUDINAL
SCALE: 3/32"=1'-0"



C1 OVERALL SITE ELEVATION - LONGITUDINAL
SCALE: 3/32"=1'-0"



A2 OVERALL SITE ELEVATION - TRANSVERSAL
SCALE: 3/32"=1'-0"

LEGEND & SHEET NOTES

GENERAL SHEET NOTES

1. ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.

SHEET KEYNOTES ()

- C. SITE FURNISHINGS
D. ELEVATED PLATFORM
E. PEDESTRIAN LIGHT
F. TRELLIS
G. STEPS
H. RAISED PLANTERS
I. NEW FLOOR FINISHED
J. GREEN AREA

OWNER

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
B	60% DESIGN DEVELOPMENT	09.23.2022
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
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G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

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DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

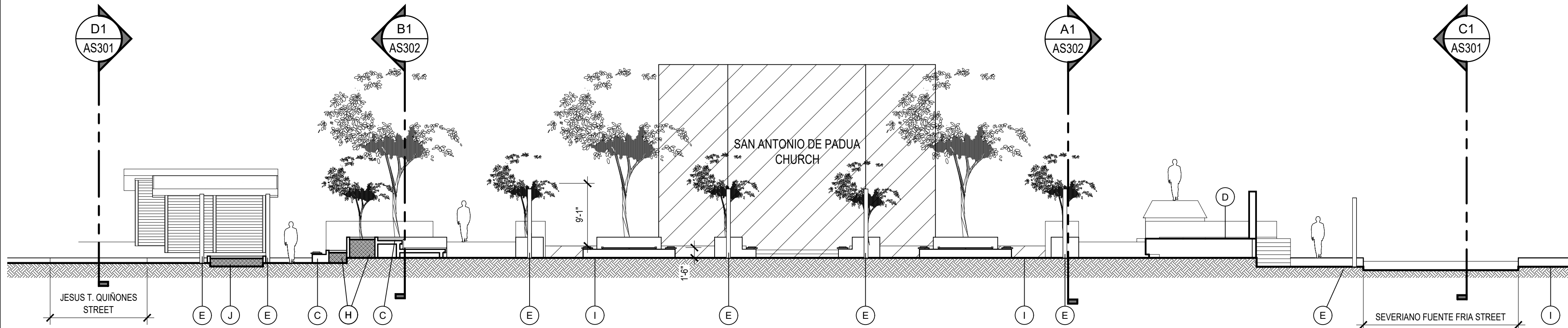
SHEET TITLE

OVERALL SITE ELEVATIONS

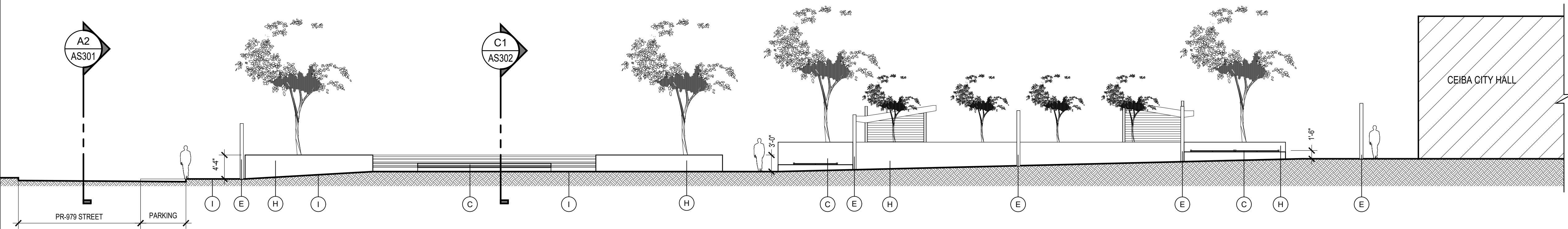
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AS301

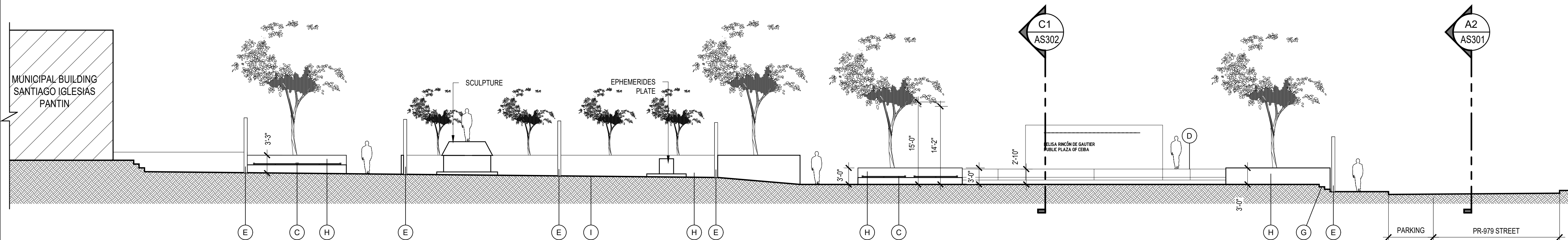
7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\ID\22019-A302.dwg



C1 OVERALL SITE SECTION - TRANSVERSAL
SCALE: 3/32"=1'-0"



B1 OVERALL SITE SECTION - LONGITUDINAL
SCALE: 3/32"=1'-0"



A1 OVERALL SITE SECTION - LONGITUDINAL
SCALE: 3/32"=1'-0"

LEGEND & SHEET NOTES

GENERAL SHEET NOTES

1. ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.

SHEET KEYNOTES ()

- C. SITE FURNISHINGS
D. ELEVATED PLATFORM
E. PEDESTRIAN LIGHT
F. TRELLIS
G. STEPS
H. RAISED PLANTERS
I. NEW FLOOR FINISHED
J. GREEN AREA



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SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
B	60% DESIGN DEVELOPMENT	09.23.2022
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

SHEET TITLE

OVERALL SITE
SECTIONS

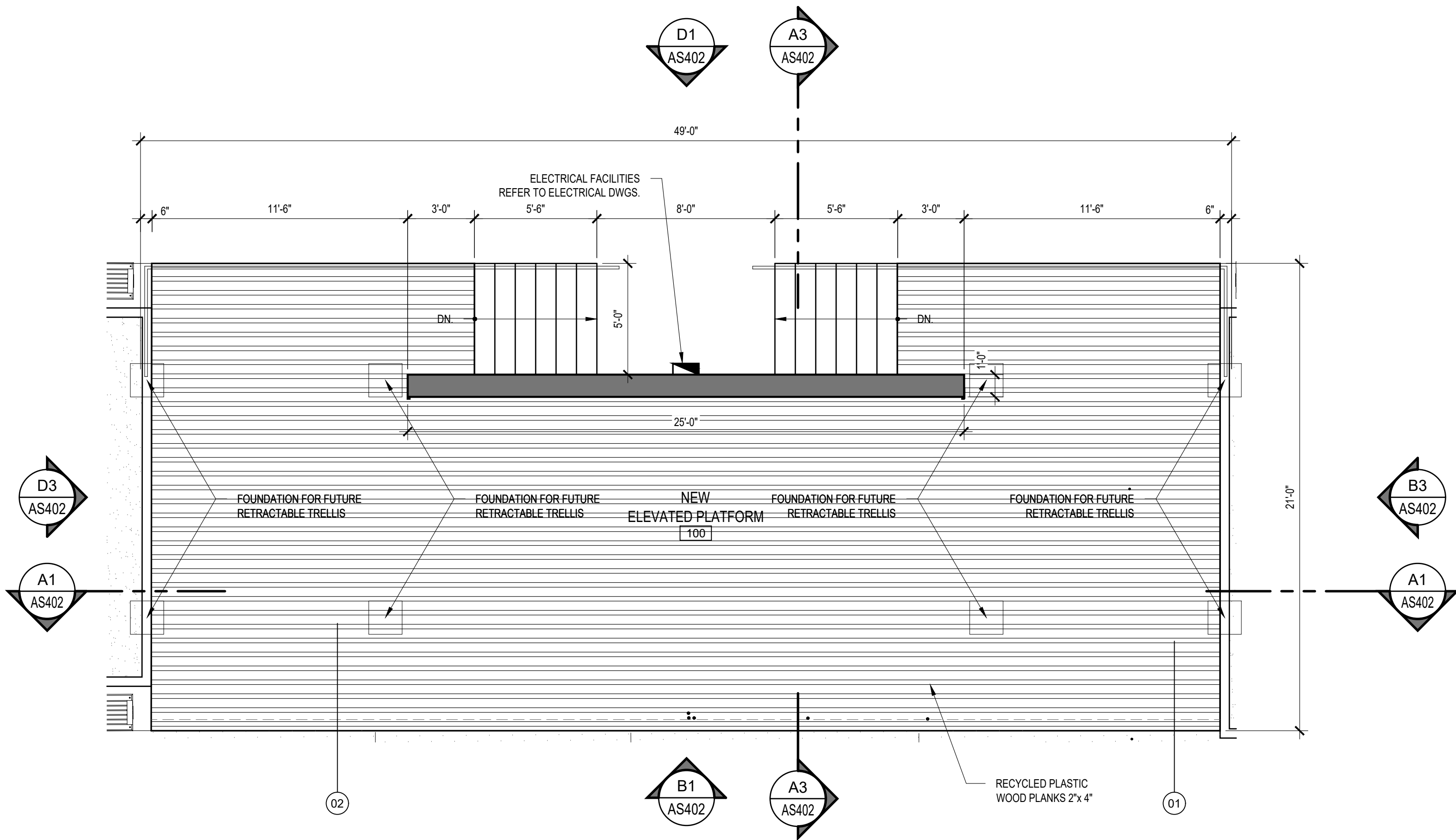
SHEET ID

AS302

CONSTRUCTION DOCUMENTS

C1 ENLARGED FLOOR PLAN- ELEVATED PLATFORM

SCALE: 1/4"=1'-0"



EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.



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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

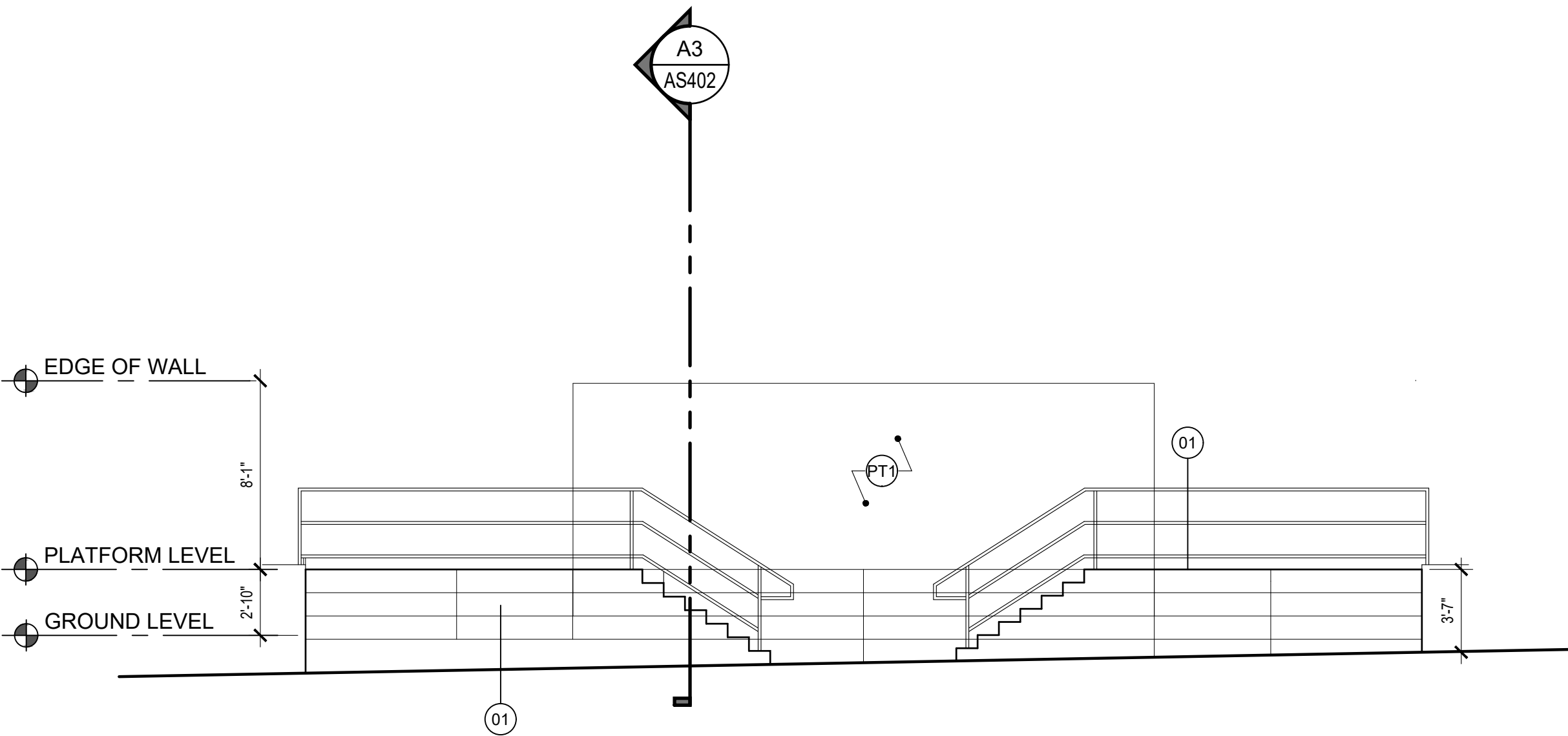
REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024
I	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

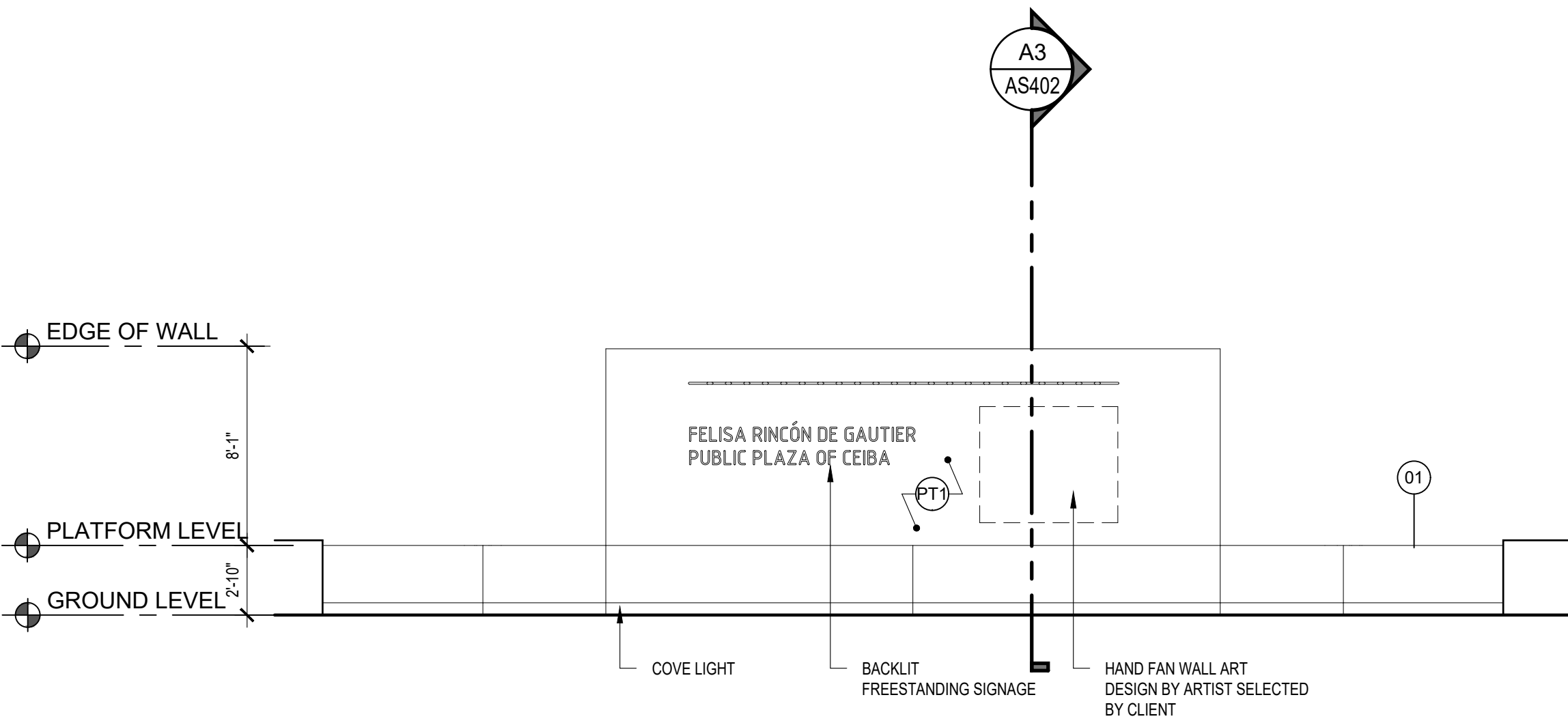
ENLARGED PLANS
ELEVATED PLATFORM

AS401

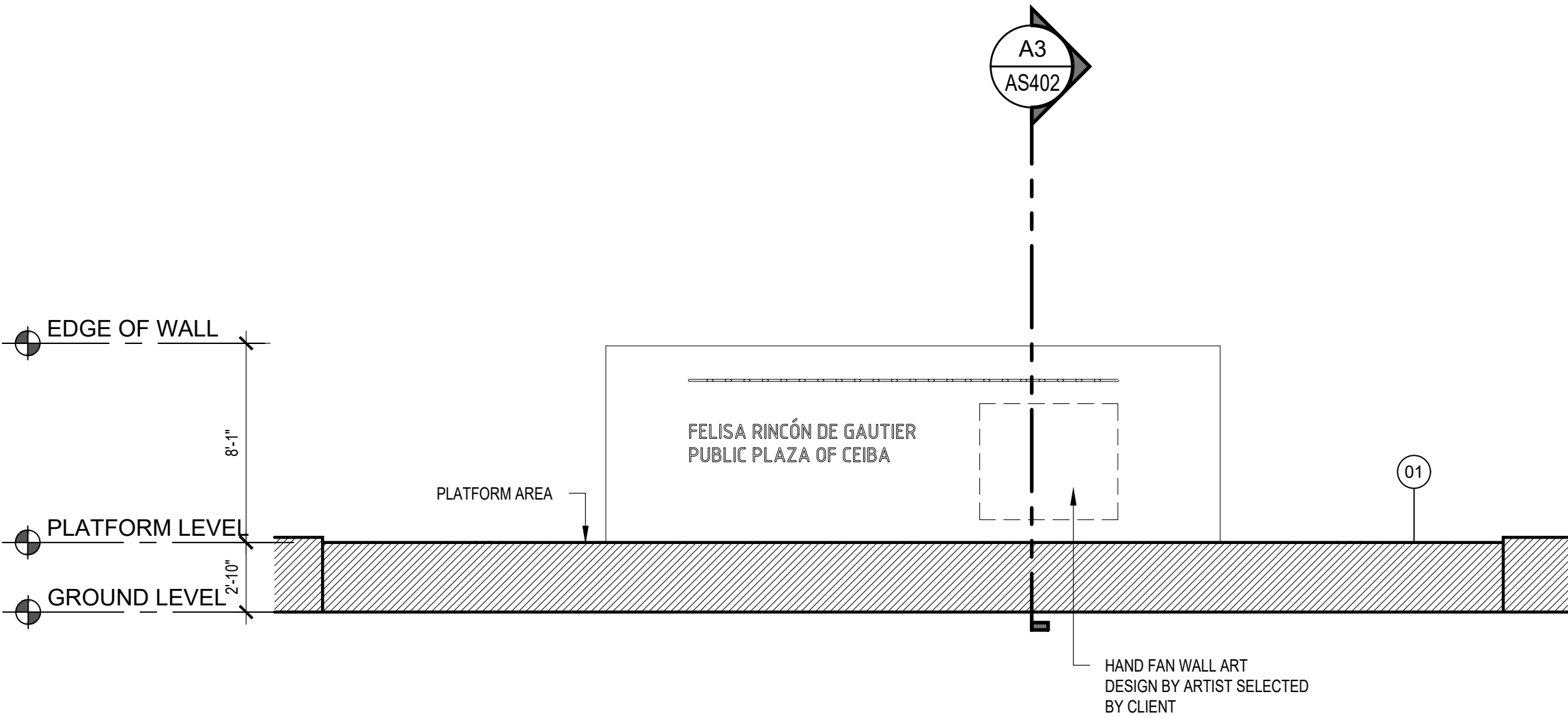
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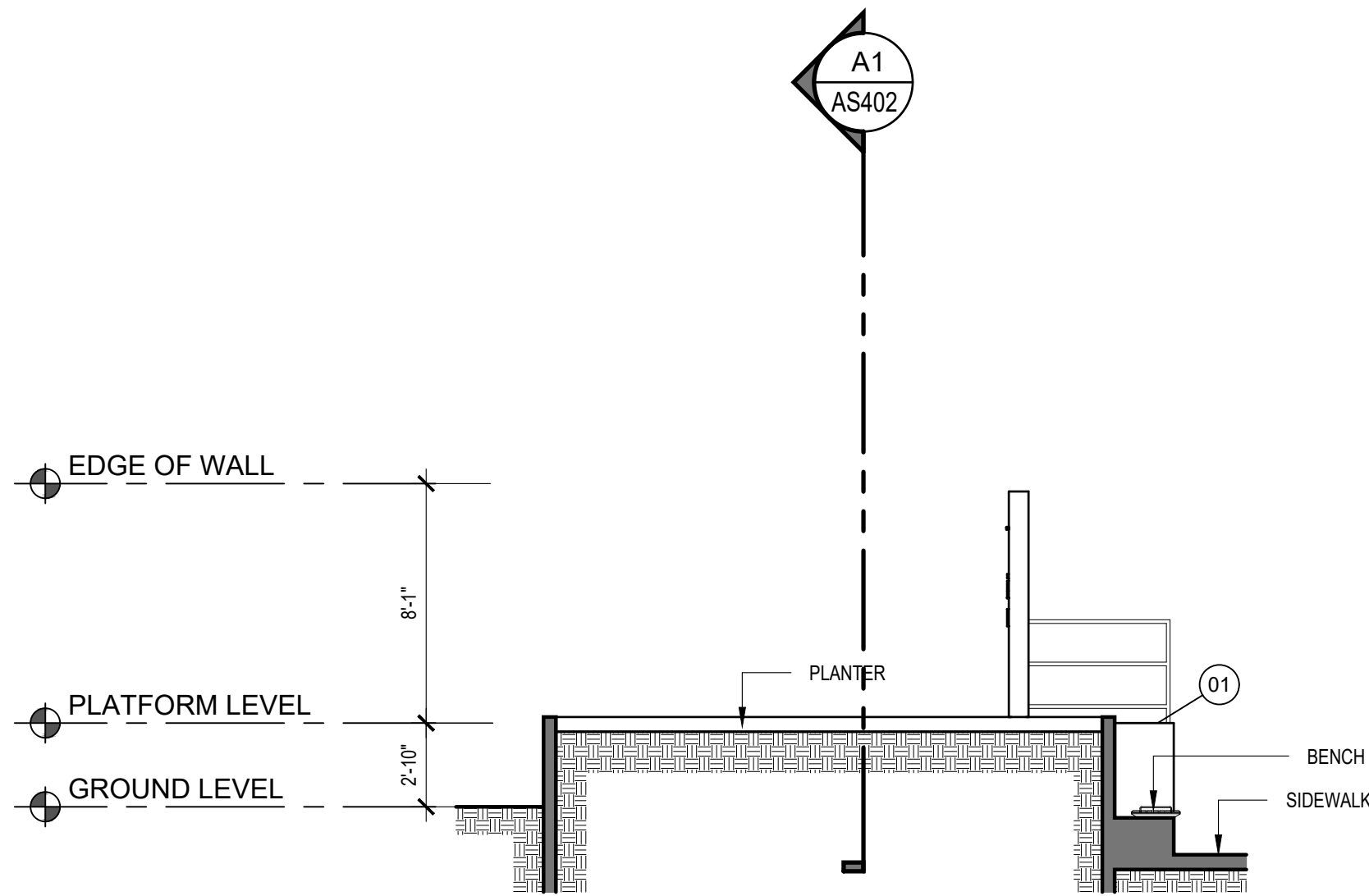
D1 ELEVATED PLATFORM - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



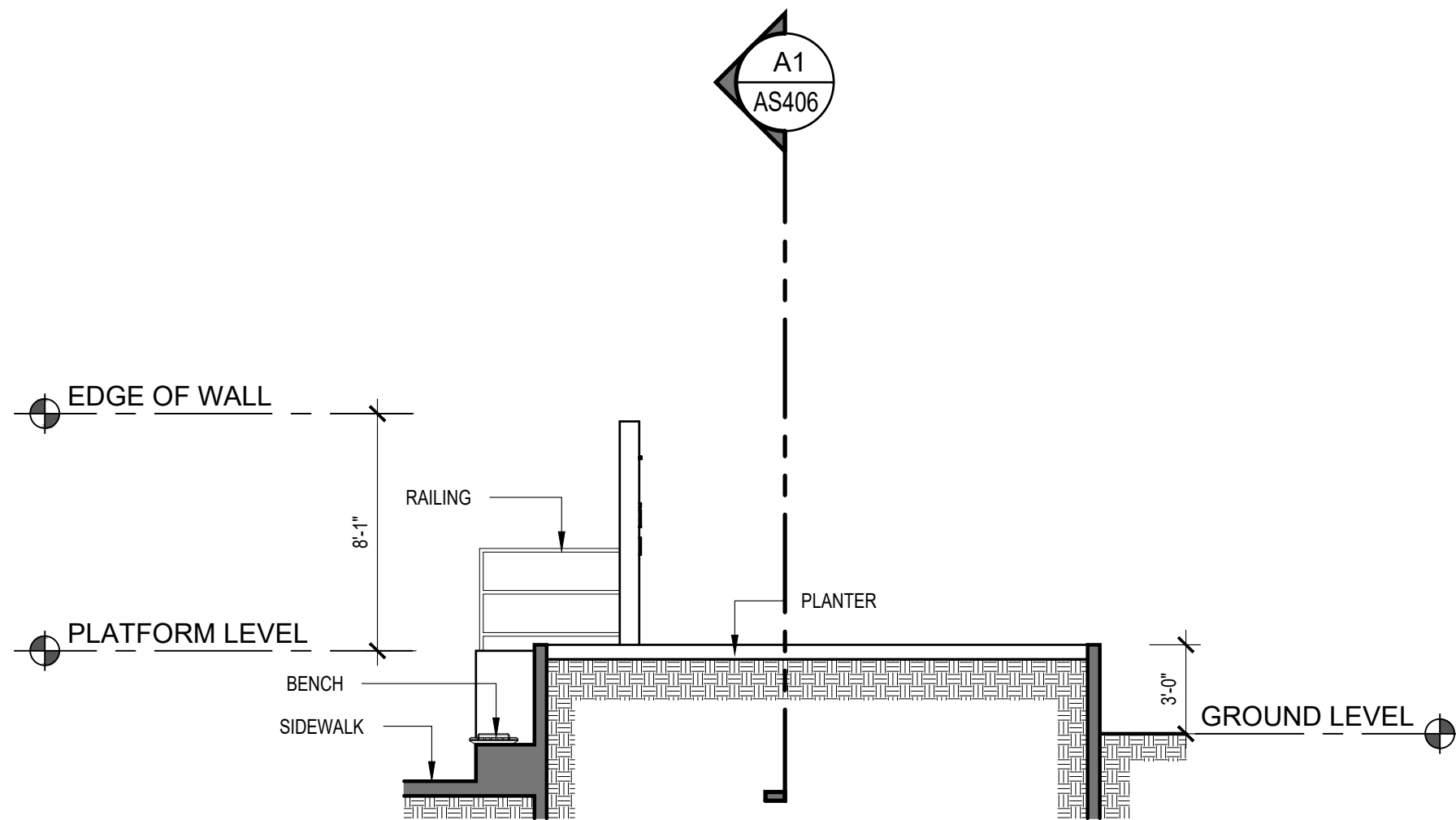
B1 ELEVATED PLATFORM - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



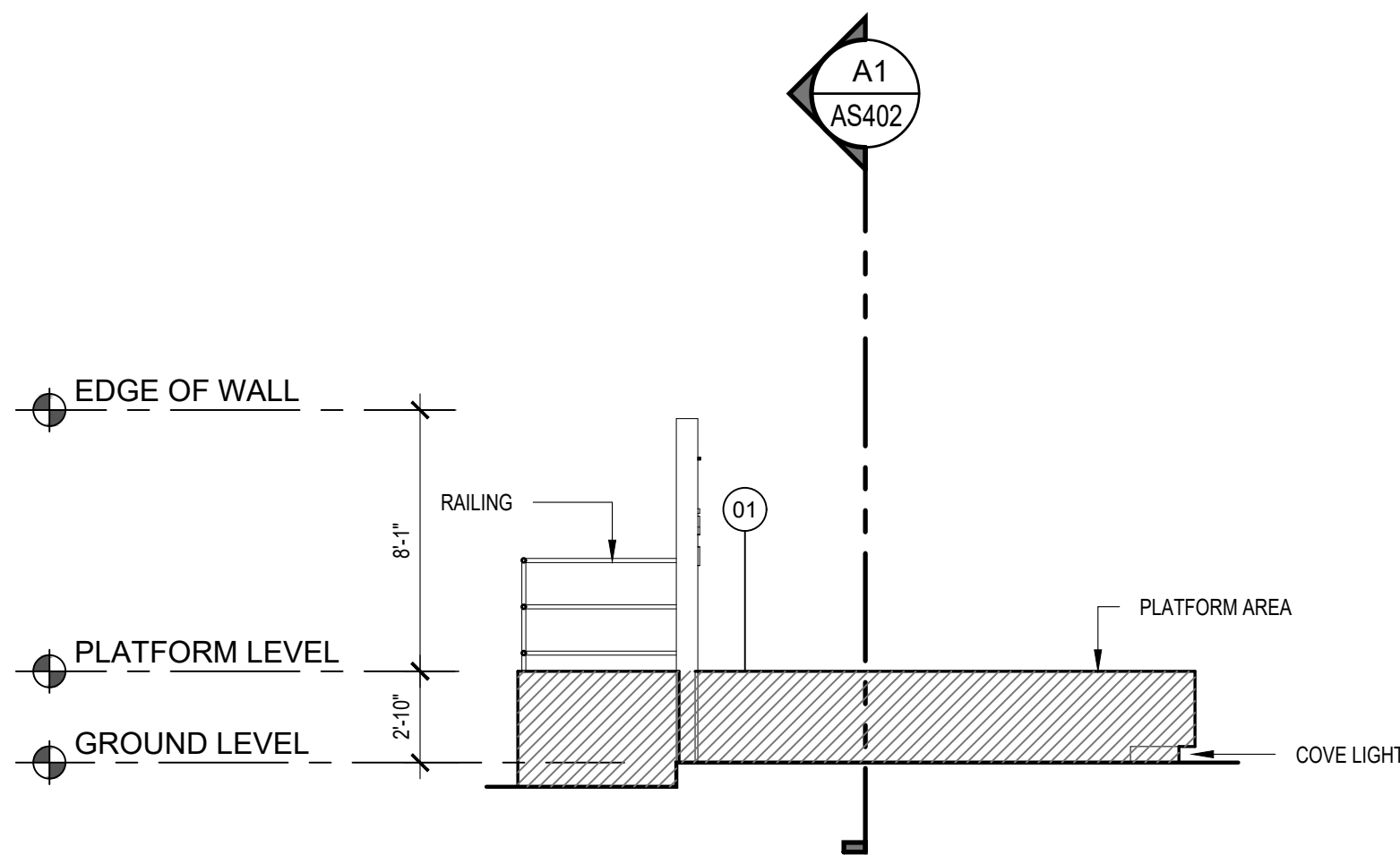
A1 ELEVATED PLATFORM - LONGITUDINAL SECTION
SCALE: 3/16"=1'-0"



D3 ELEVATED PLATFORM - ELEVATION
SCALE: 3/16"=1'-0"



B3 ELEVATED PLATFORM - ELEVATION
SCALE: 3/16"=1'-0"



A3 ELEVATED PLATFORM - TRANSVERSAL SECTION
SCALE: 3/16"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
PT1		PAINT	SHERWIN WILLIAMS	SW 9022 PEWTER TANKARD	EQUAL OR SIMILAR EXTERIOR EGGSHELL FINISH

NOTE:
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PROJECT INFORMATION
**REVITALIZATION OF FELISA RINCÓN DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO**

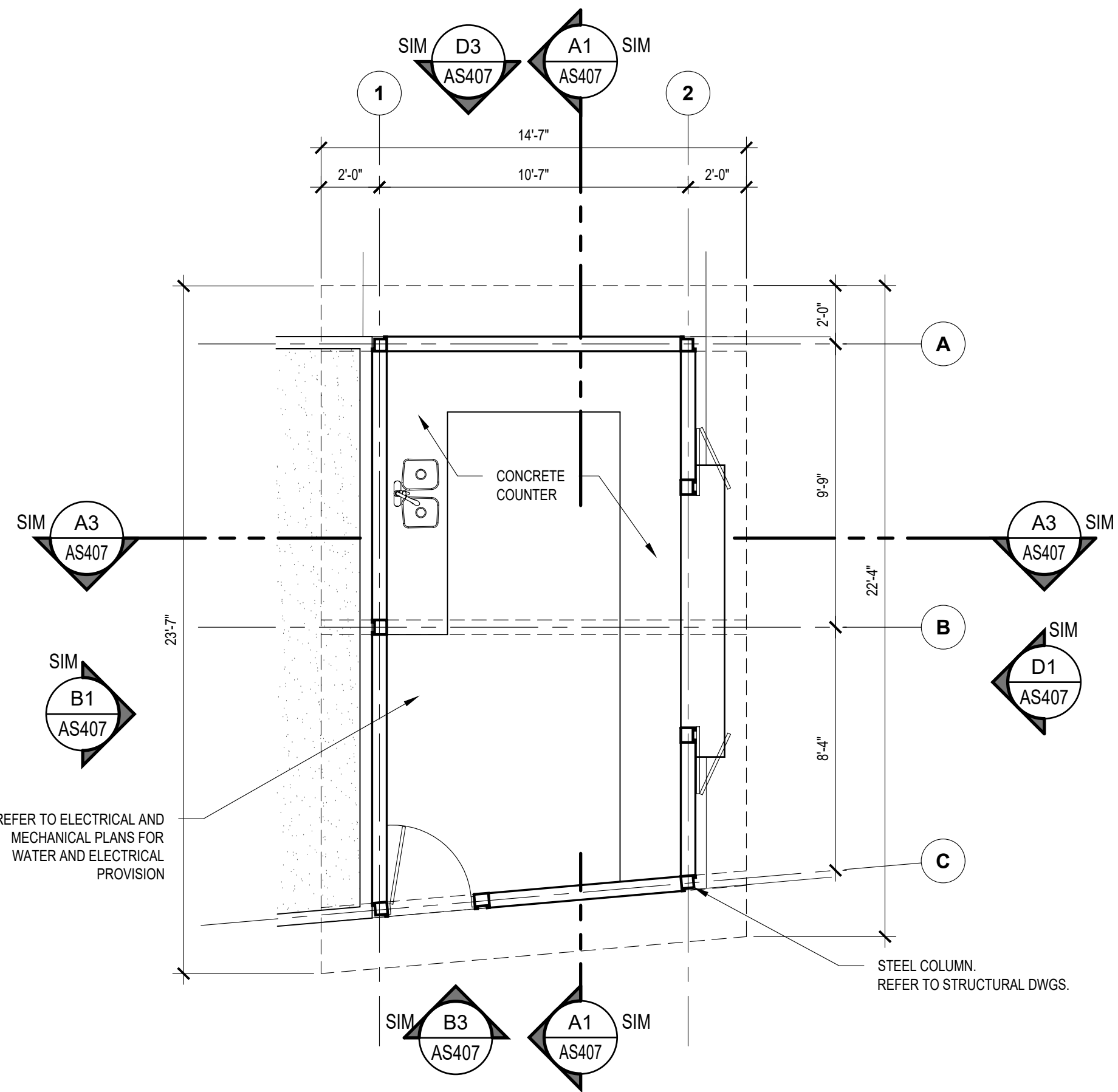
REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
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G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

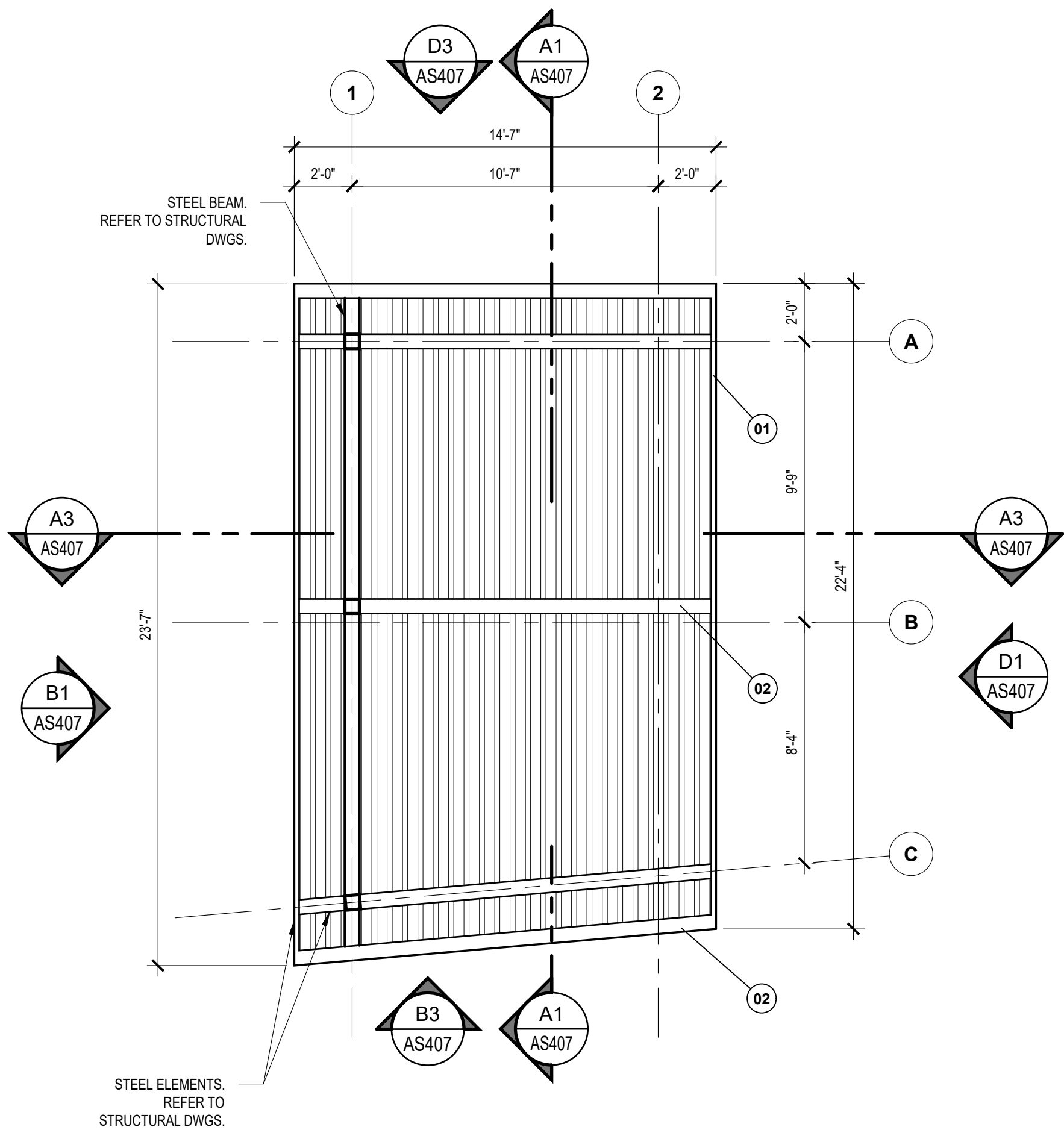
SHEET TITLE
**ENLARGED SECTIONS &
ELEVATIONS ELEVATED
PLATFORM**

SHEET ID
AS402

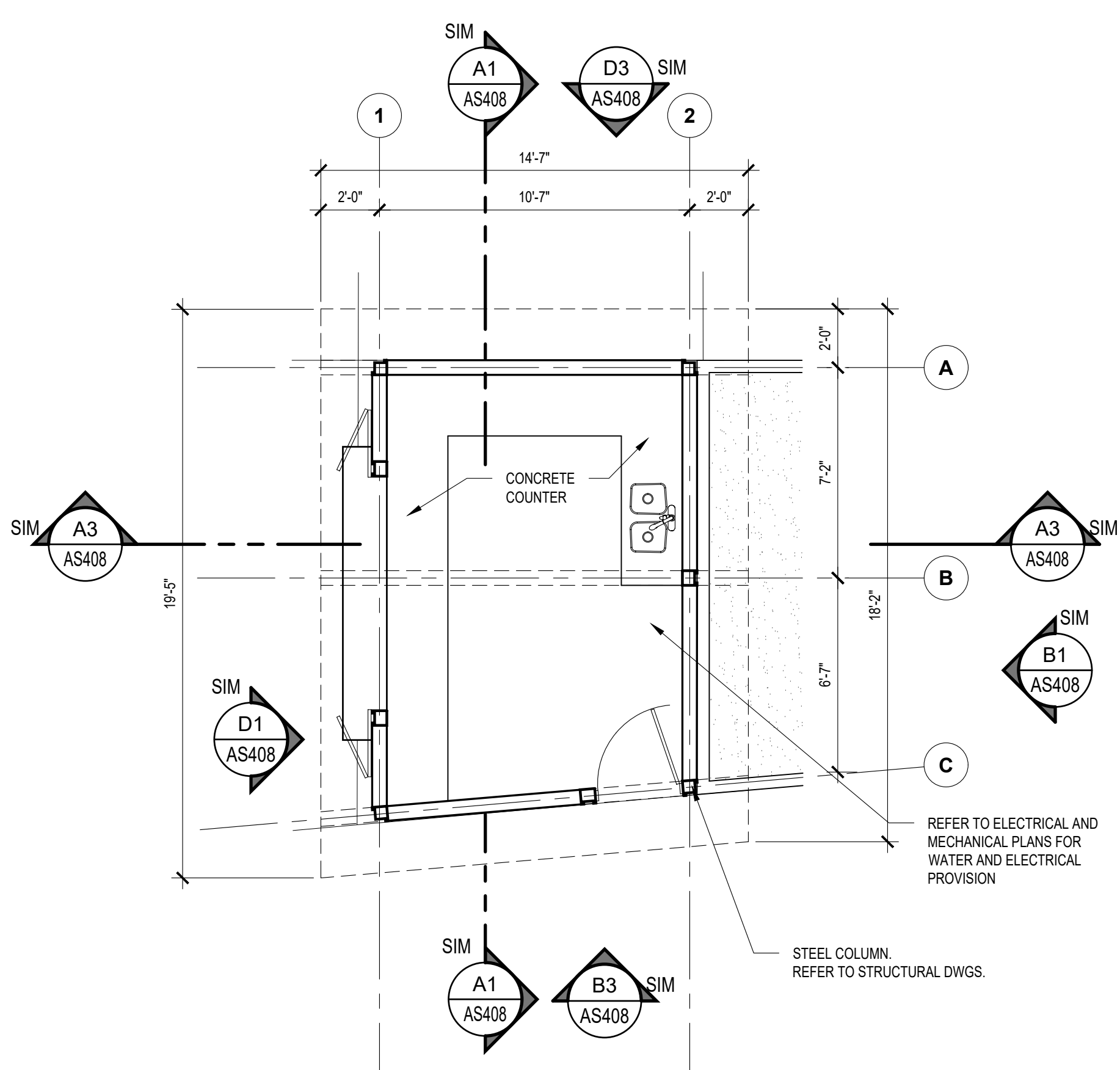
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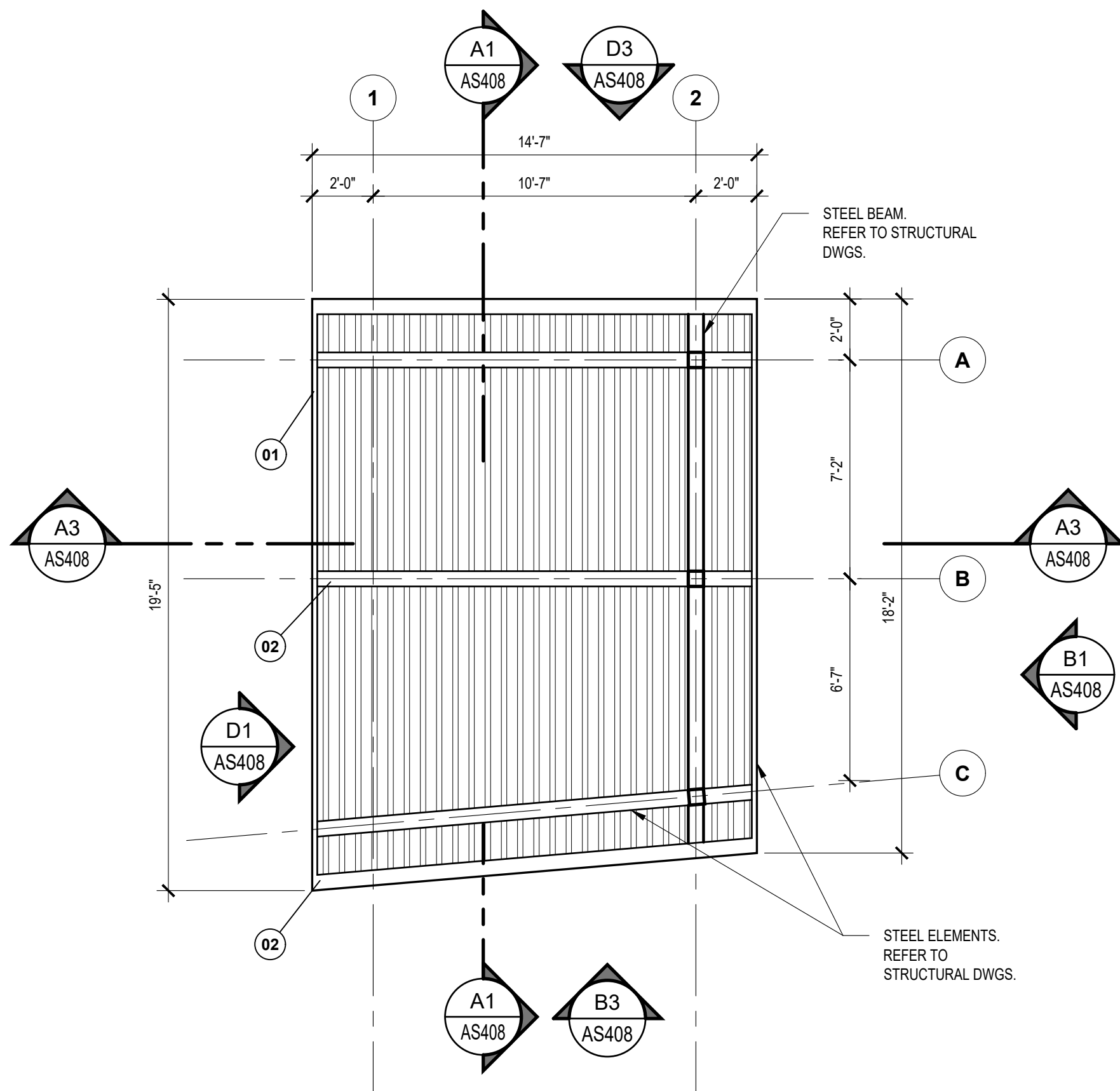
C1 ENLARGED FLOOR PLAN - KIOSKO
SCALE: 1/4"=1'-0"



A1 ENLARGED ROOF PLAN - KIOSKO
SCALE: 1/4"=1'-0"



C3 ENLARGED FLOOR PLAN - KIOSKO
SCALE: 1/4"=1'-0"



A3 ENLARGED ROOF PLAN - KIOSKO
SCALE: 1/4"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
07		LINEAR CEILING LIGHTS	BEGA	24313	LED CEILING MOUNTED DOWNLIGHT - VORTEX REFLECTOR - WIDE BEAM DISTRIBUTION MATERIAL: DIE - CAST MARINE GRADE ALUMINUM COLOR: BLACK EQUAL OR SIMILAR

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.

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CONSULTANT

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SEAL

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

SHEET TITLE

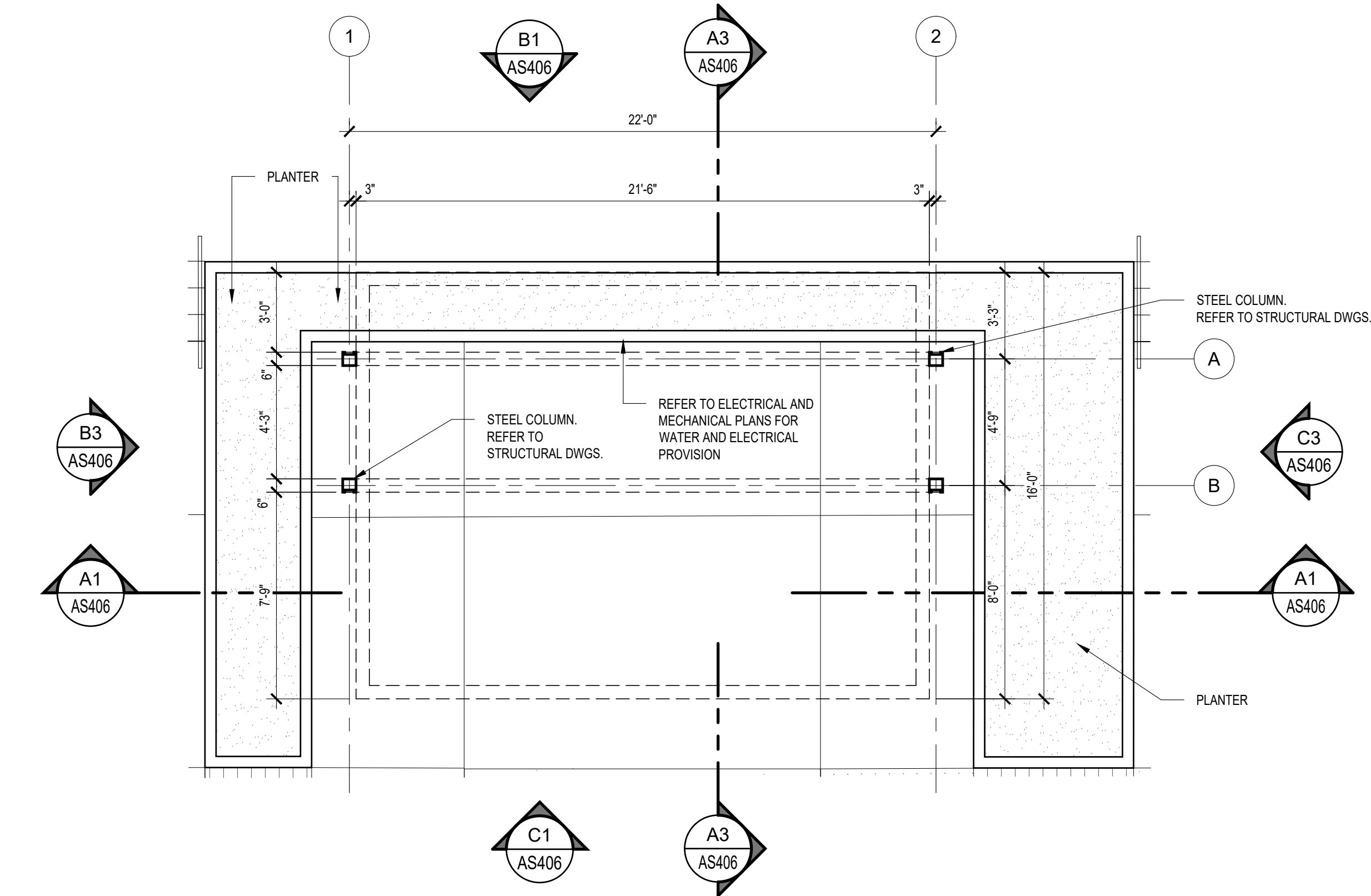
ENLARGED PLANS KIOSKO

SHEET ID

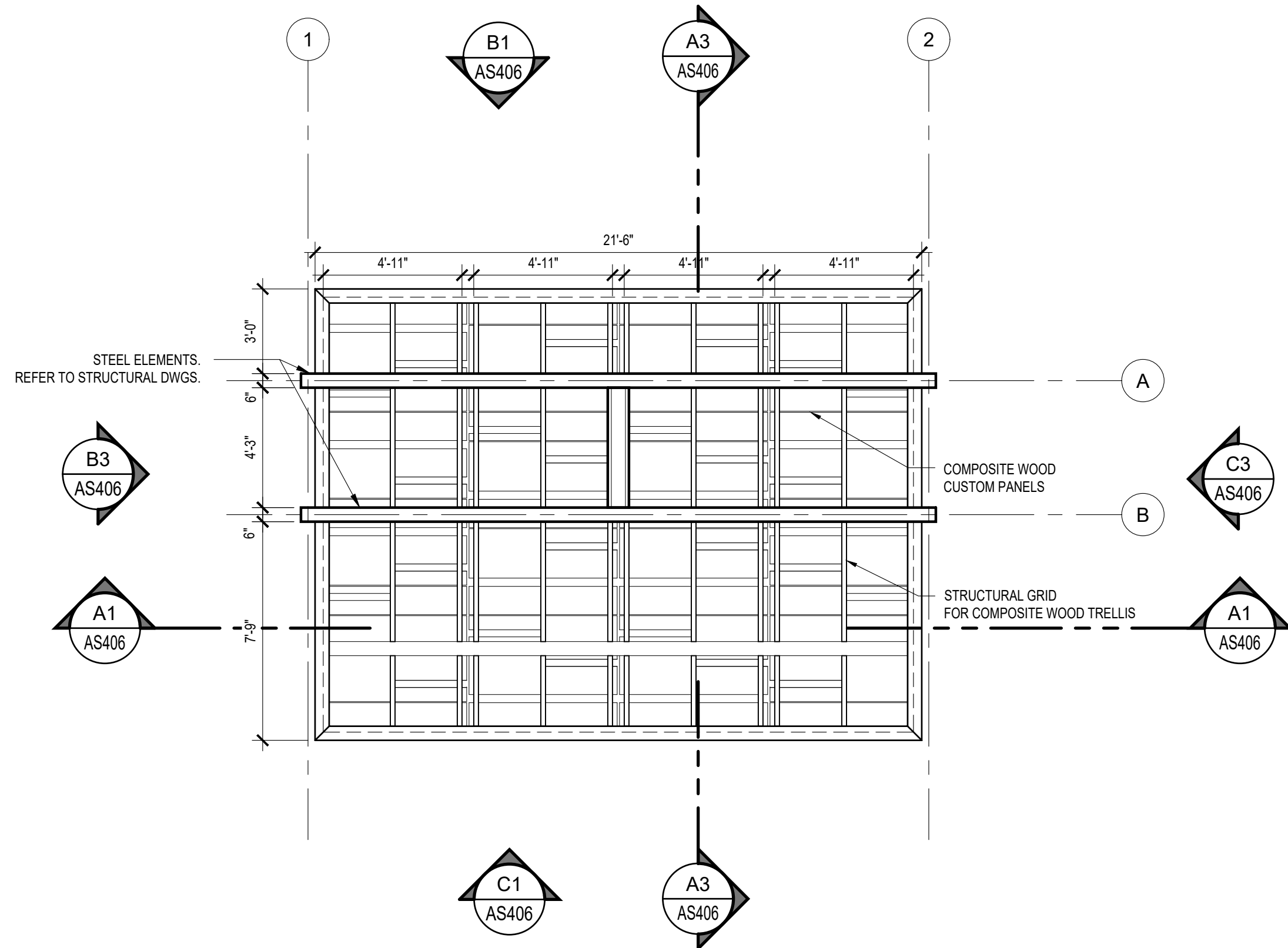
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CONSTRUCTION DOCUMENTS

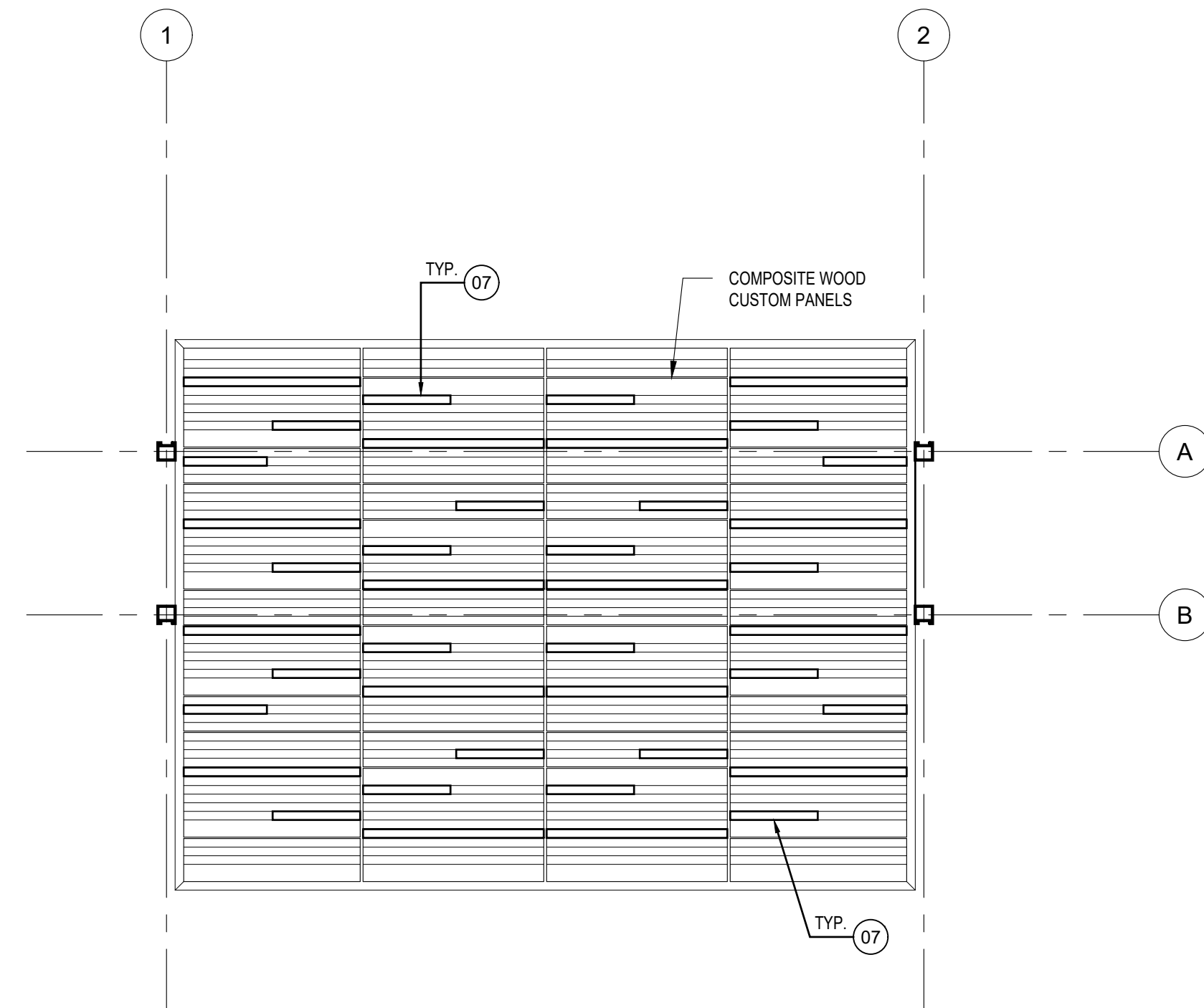
F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS405.dwg 7/8/2020 3:15:46 PM



C2 TRELLIS - ENLARGED PLAN
SCALE: 1/4"=1'-0"



A2 TRELLIS - ENLARGED ROOF PLAN
SCALE: 1/4"=1'-0"



A4 TRELLIS - ENLARGED REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
07		LINEAR CEILING LIGHTS	BEGA	24313	LED CEILING MOUNTED DOWNLIGHT - VORTEX REFLECTOR - WIDE BEAM DISTRIBUTION MATERIAL: DIE - CAST MARINE GRADE ALUMINUM COLOR: BLACK EQUAL OR SIMILAR

NOTE:
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SEAL

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
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PROJECT NUMBER: 22019

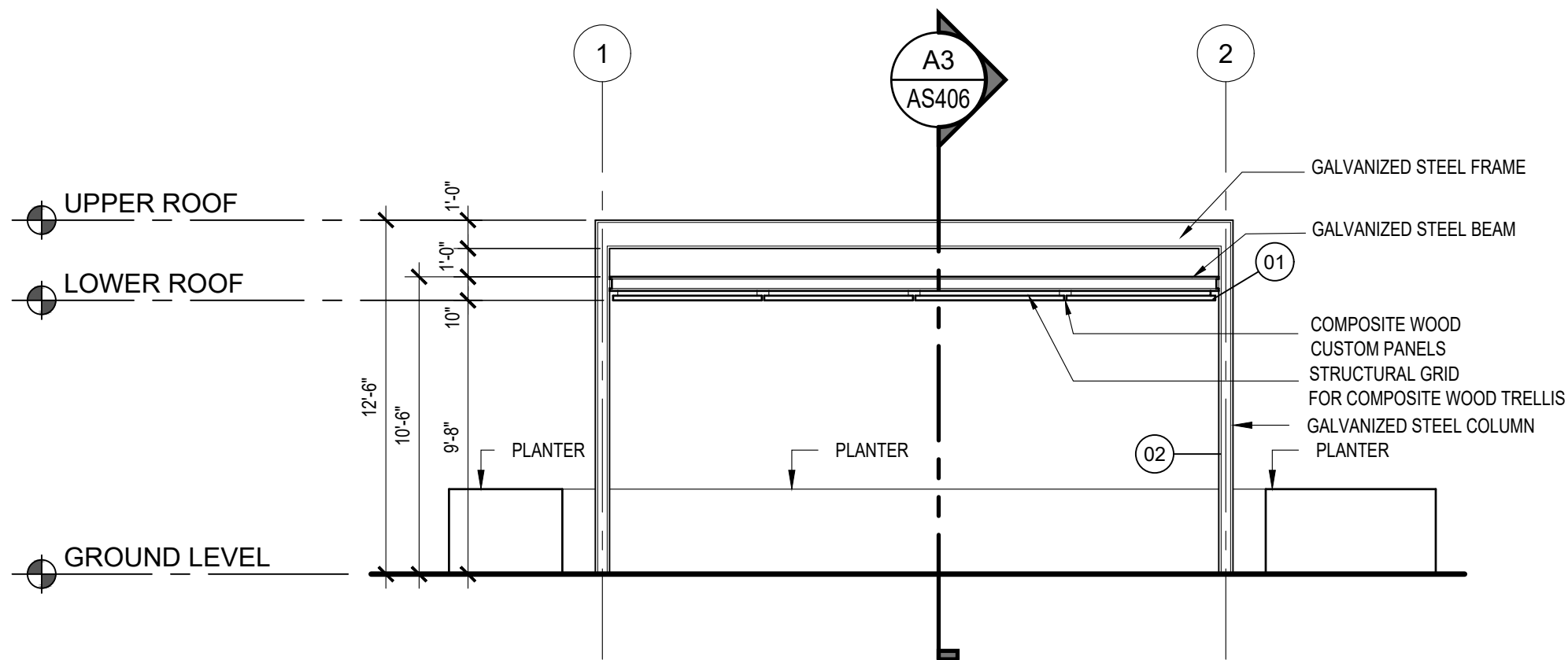
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ENLARGED PLAN TRELLIS

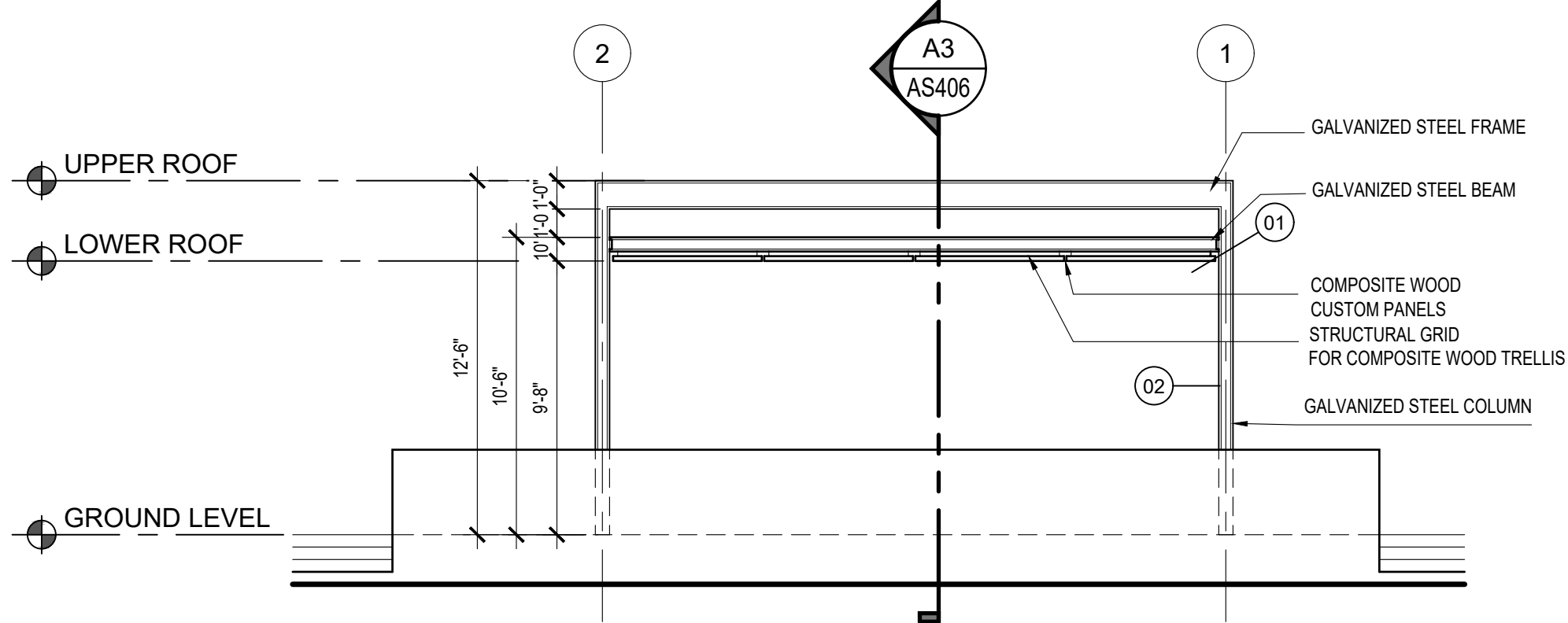
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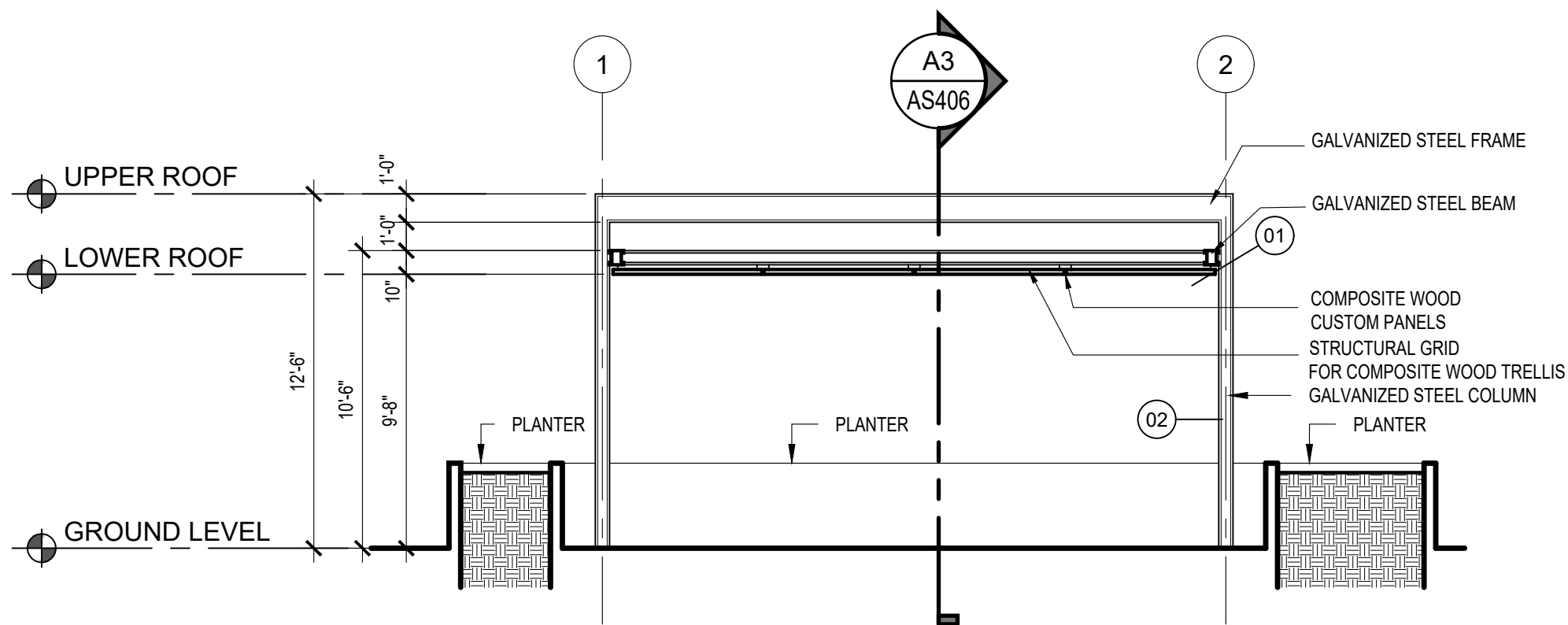
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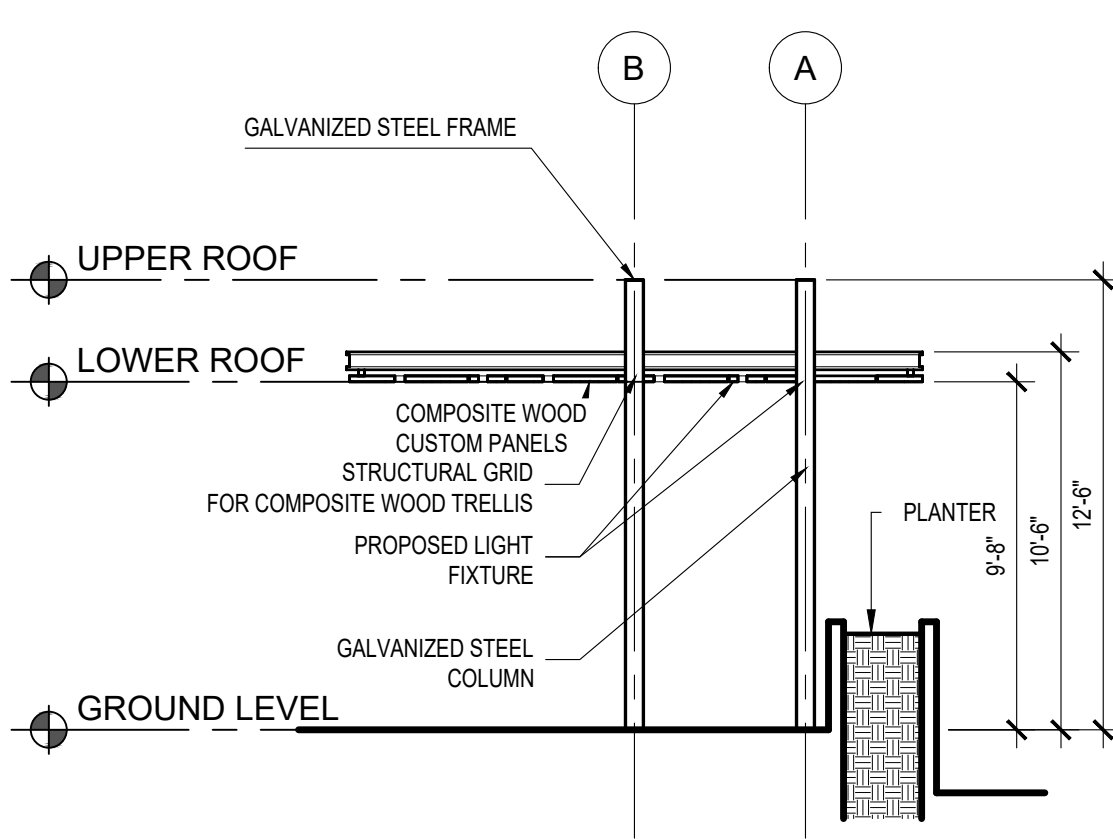
C1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



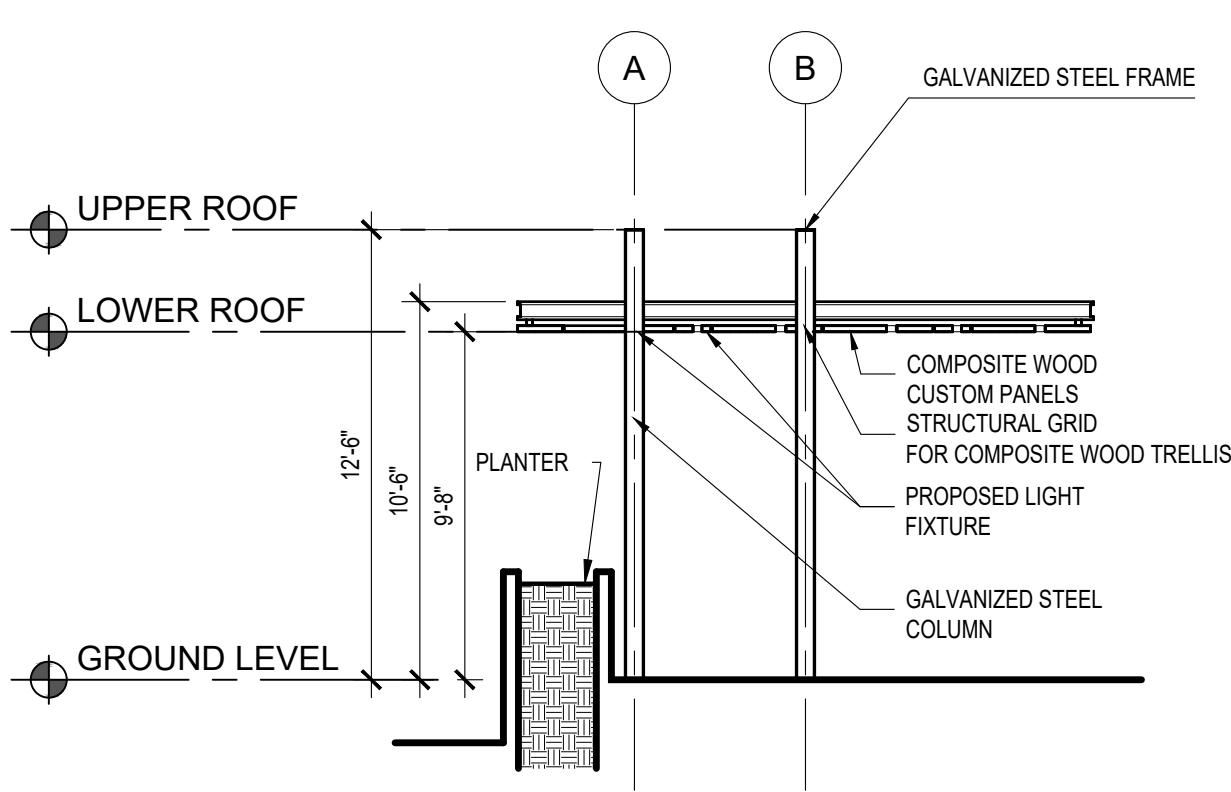
B1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



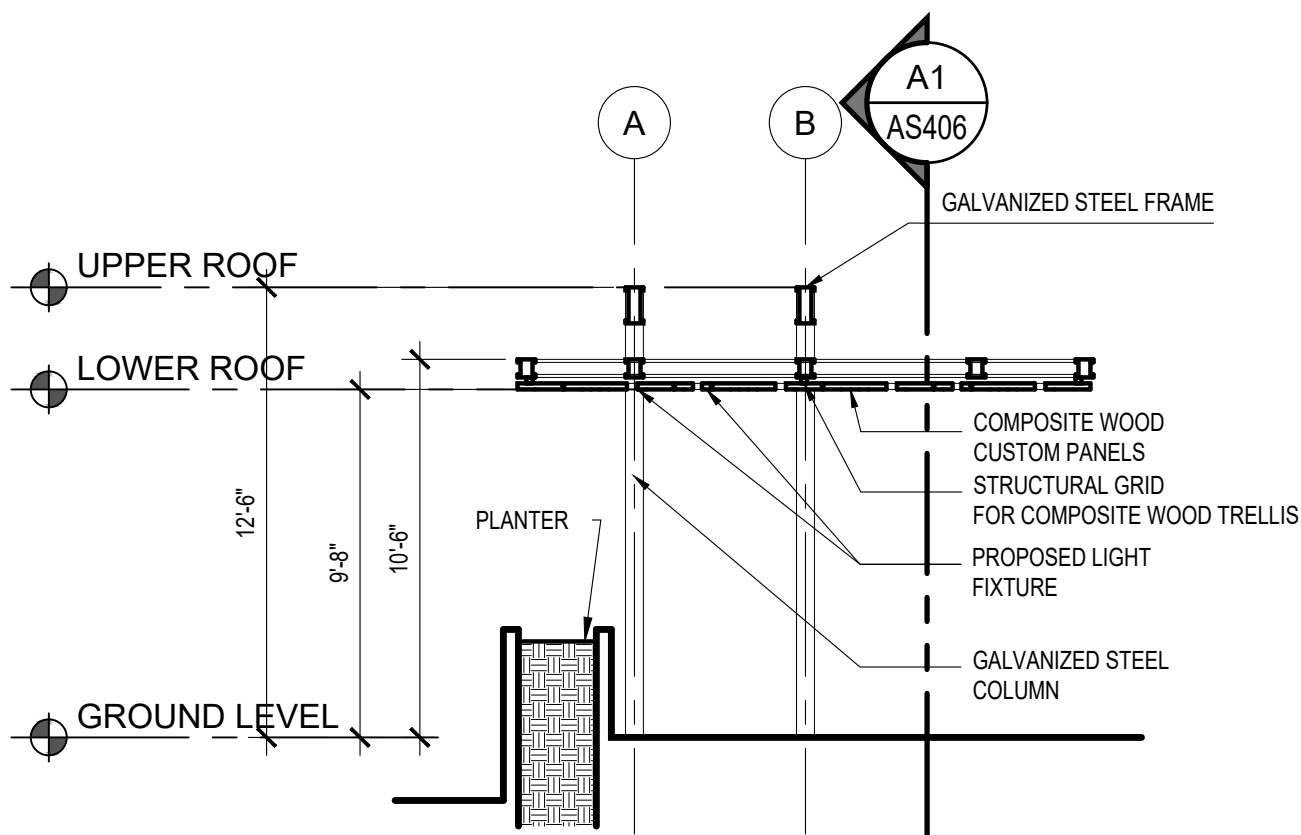
A1 TRELLIS - LONGITUDINAL SECTION
SCALE: 3/16"=1'-0"



C3 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



B3 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



A3 TRELLIS - TRANSVERSAL SECTION
SCALE: 3/16"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
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C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

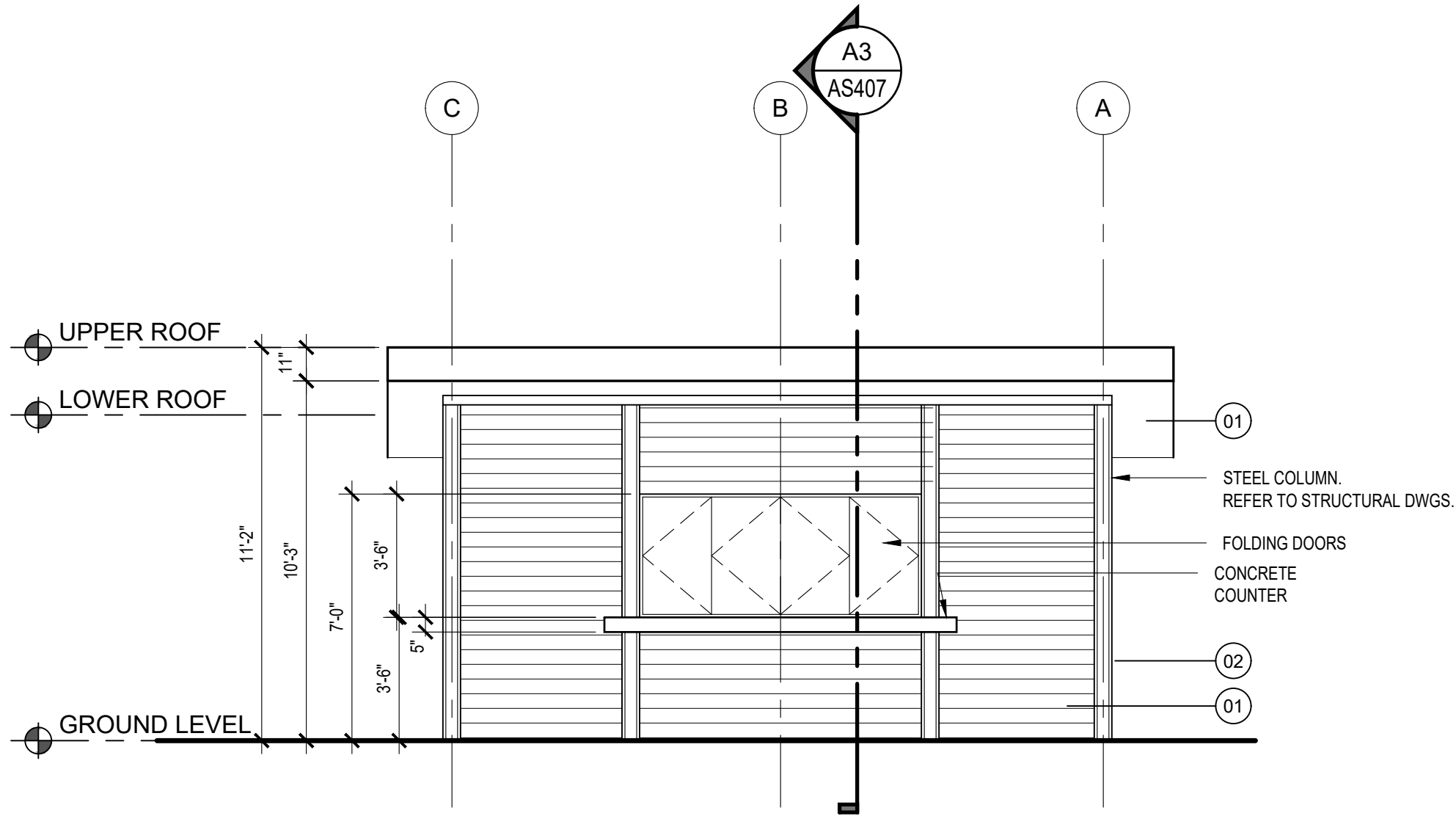
DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

ENLARGED TRELLIS
ELEVATIONS & SECTIONS

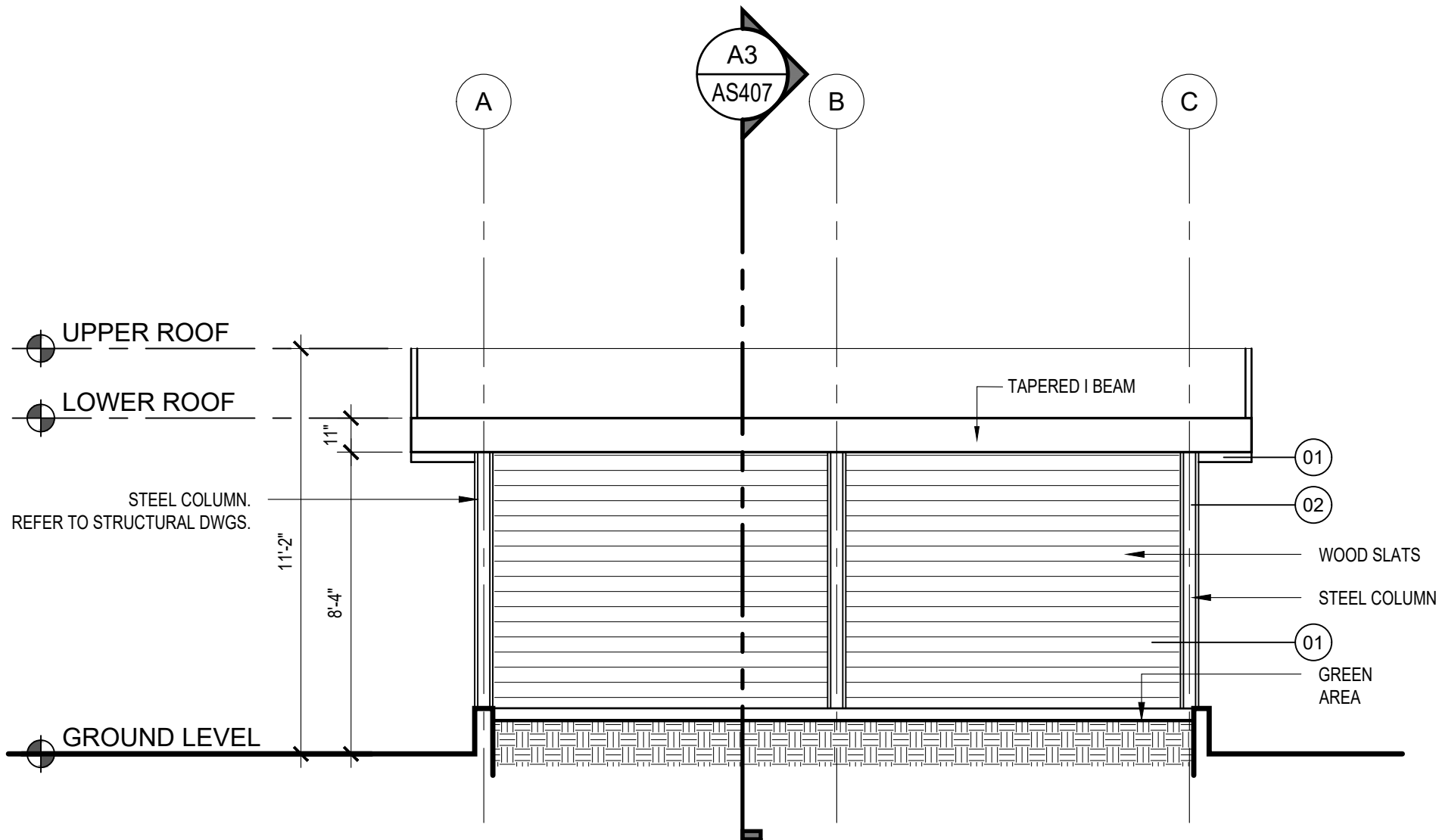
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AS406

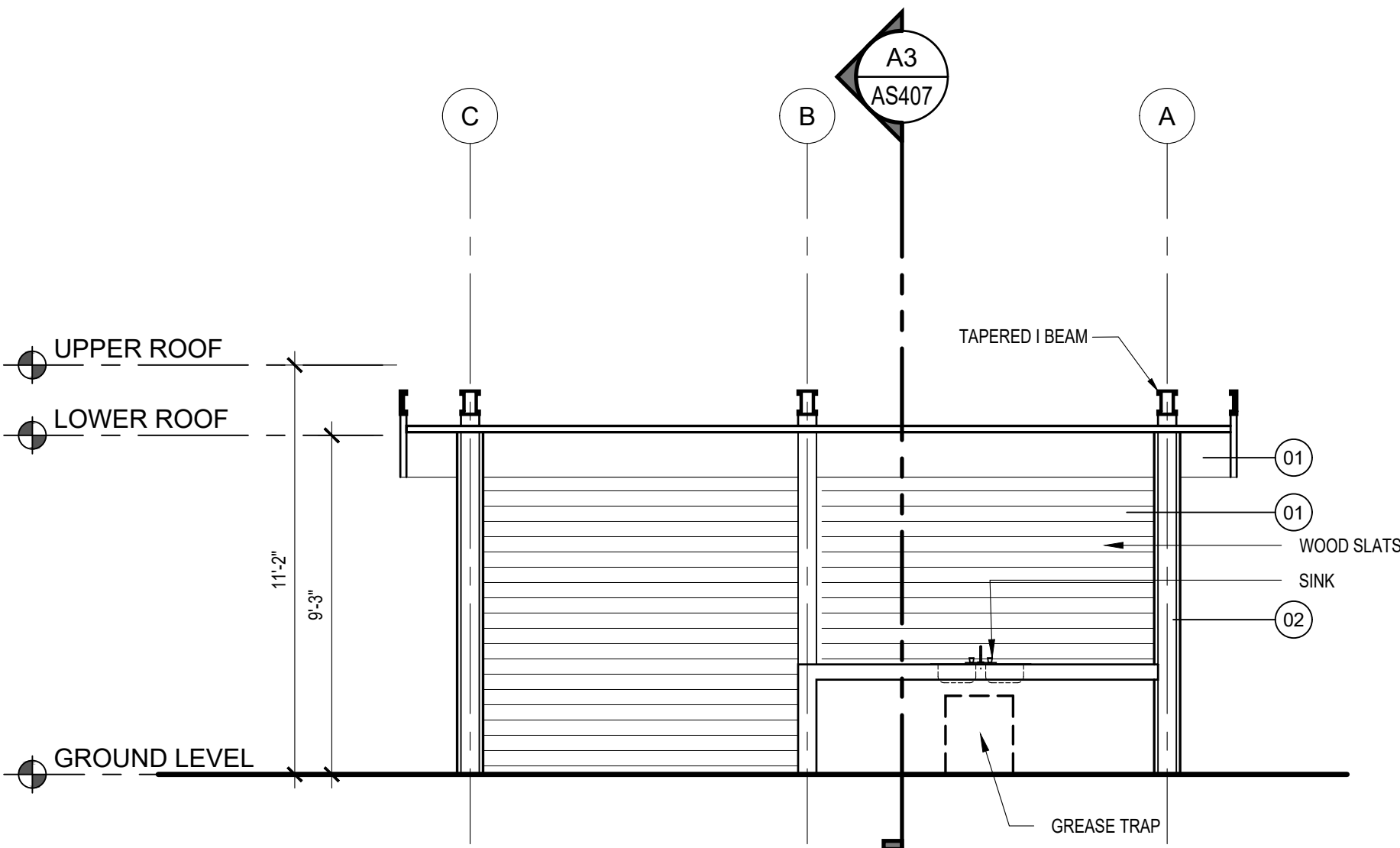
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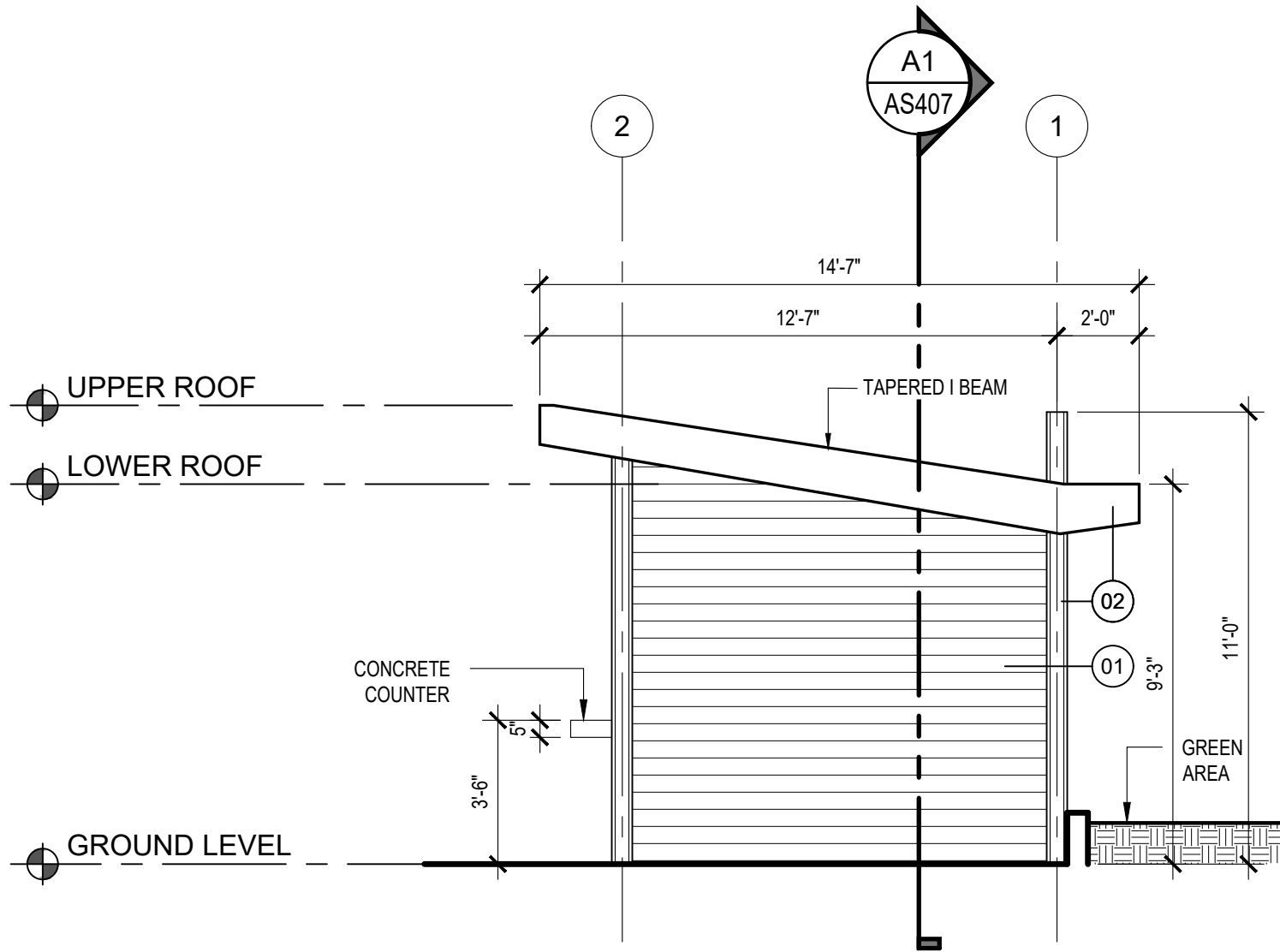
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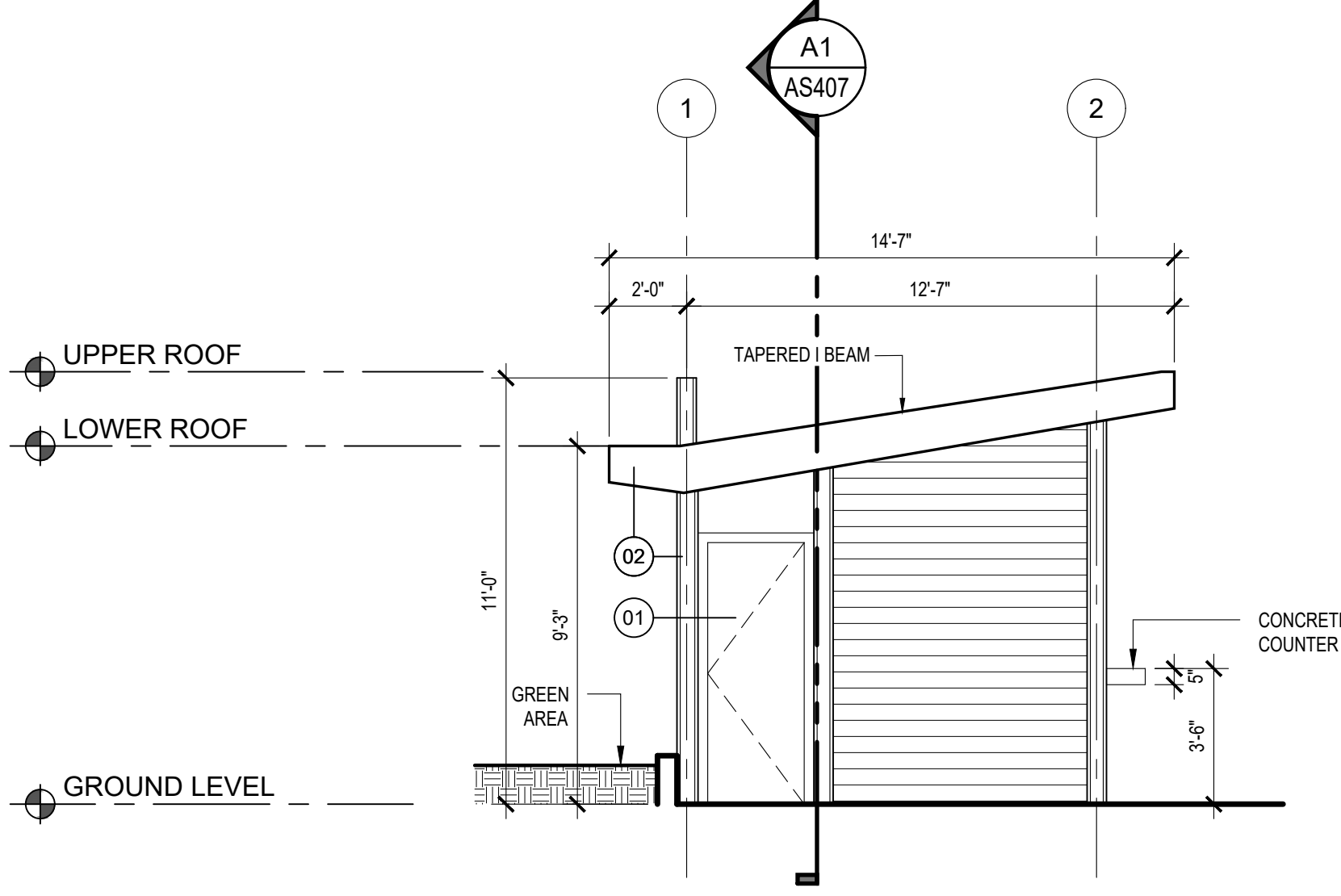
B1 KIOSKO - ELEVATION
SCALE: 1/4"=1'-0"



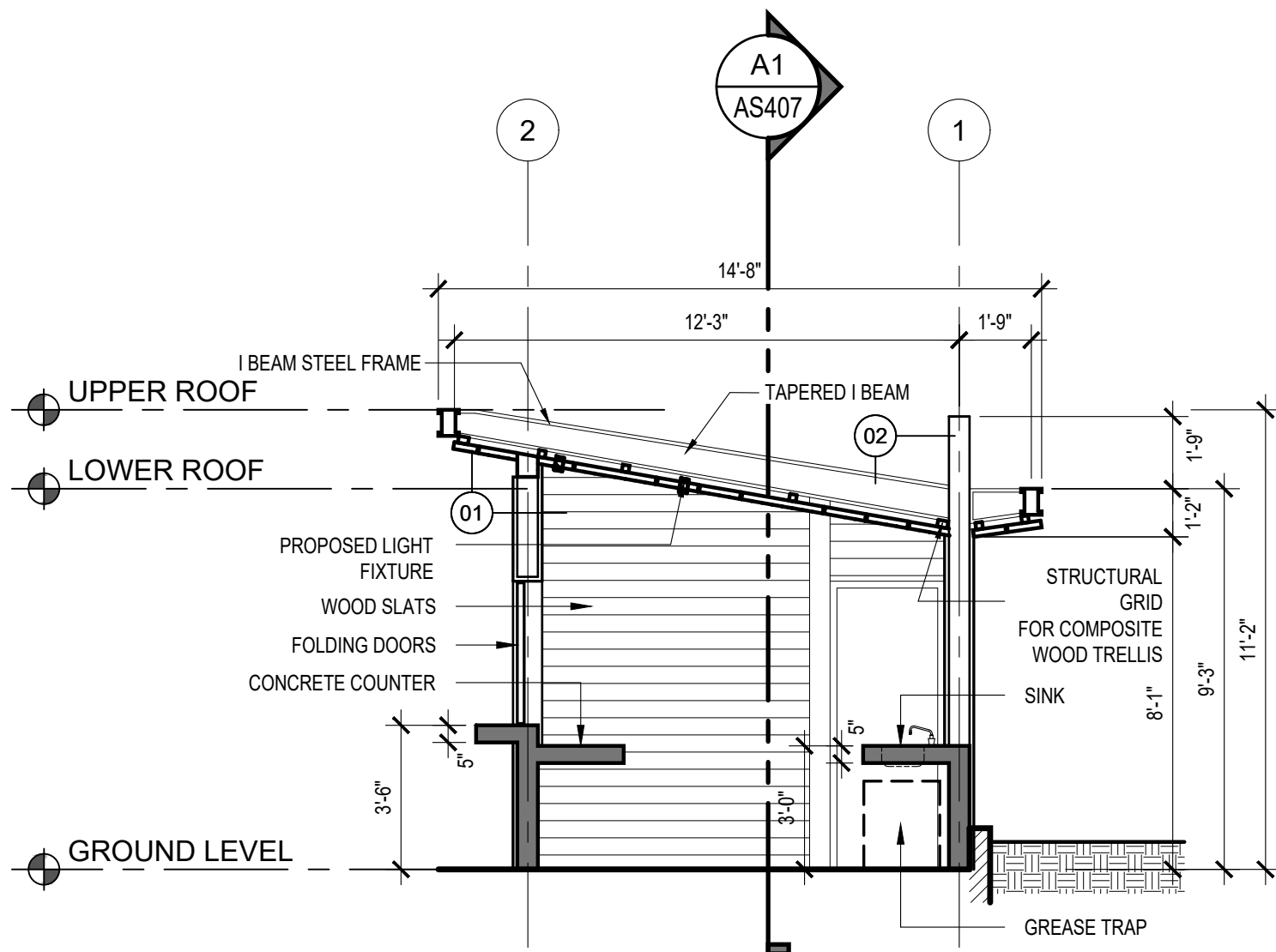
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D3 KIOSKO - ELEVATION
SCALE: 1/4"=1'-0"



B3 KIOSKO - ELEVATION
SCALE: 1/4"=1'-0"



A3 KIOSKO - TRANSVERSAL SECTION
SCALE: 1/4"=1'-0"

EXTERIOR FINISHES					
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01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL



OWNER

P.O Box 224 Ceiba, P.R.
00735-0224
Office Telephone:
787-885-2180
<http://www.ceiba-pr.com/>

PROPOSANT



3100 Rd. 199 SUITE 203
SAN JUAN, P.R. 00926
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br@brapr.com

CONSULTANT



The Hub 200 Convention Boulevard Suite 201
San Juan, PR 00907
P (787) 754-1361
alvarezdiazvillalon.com
info@advfirm.com

SEAL

YO, RICARDO ALVAREZ, DIAZ, LIC. #1718, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTENDIENDO QUE DICHS PLANOS Y ESPECIFICACIONES CUMPLIRAN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTA REGULATORIA O CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICO, ADICIONALMENTE, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CASUALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DEL 8 DE ENERO DE 2004, SEGUN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSION POR LA INDUSTRIA PUERTO RIQUEÑA Y CON LA LEY NUM. 30 DEL 15 MAYO DE 1988, SEGUN ENMIENDADA, LEY NUM. 96 DEL 6 DE JULIO DE 1978, SEGUN ENMIENDADA, SEGUN APLIQUE RECONOCIDO QUE CUALQUIER DECLARACION FALSA O FALSIFICACIONES DE LOS REGISTROS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, NO HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA COPIE

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
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B	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

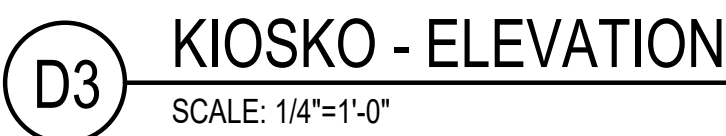
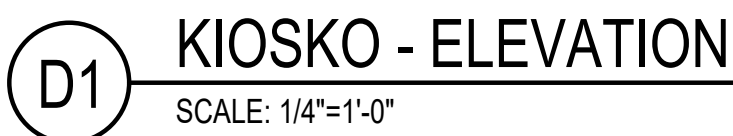
DATE ISSUED: 02.09.2024
REVIEWED BY: EAS
DRAWN BY: JHR
DESIGNED BY: EAS/JCR
PROJECT NUMBER: 22019

SHEET TITLE

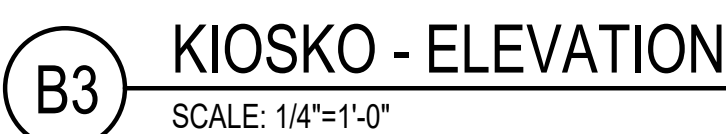
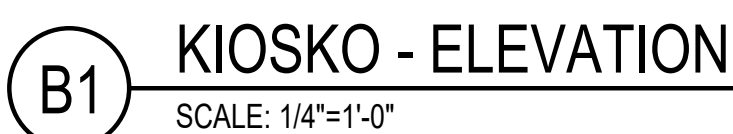
ENLARGED KIOSKO
ELEVATIONS & SECTIONS

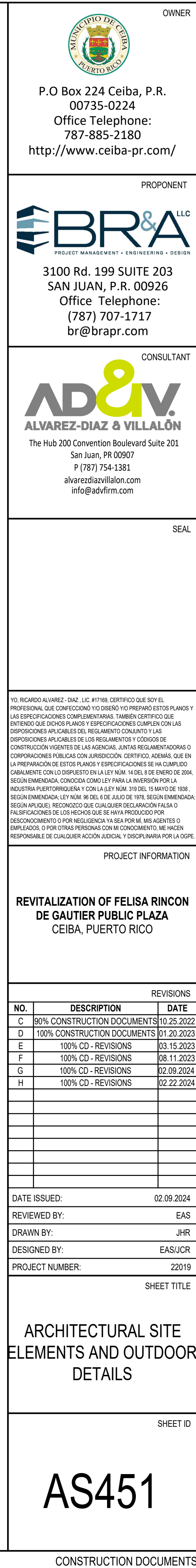
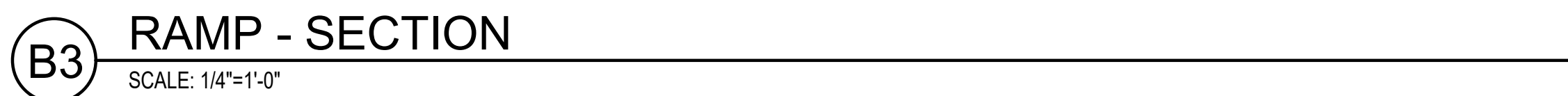
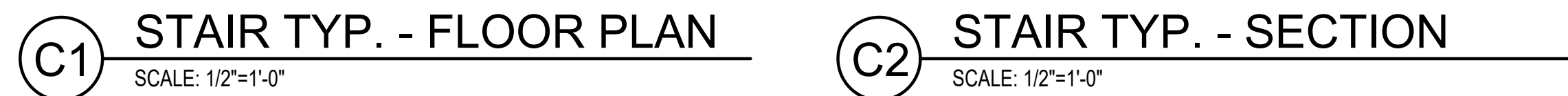
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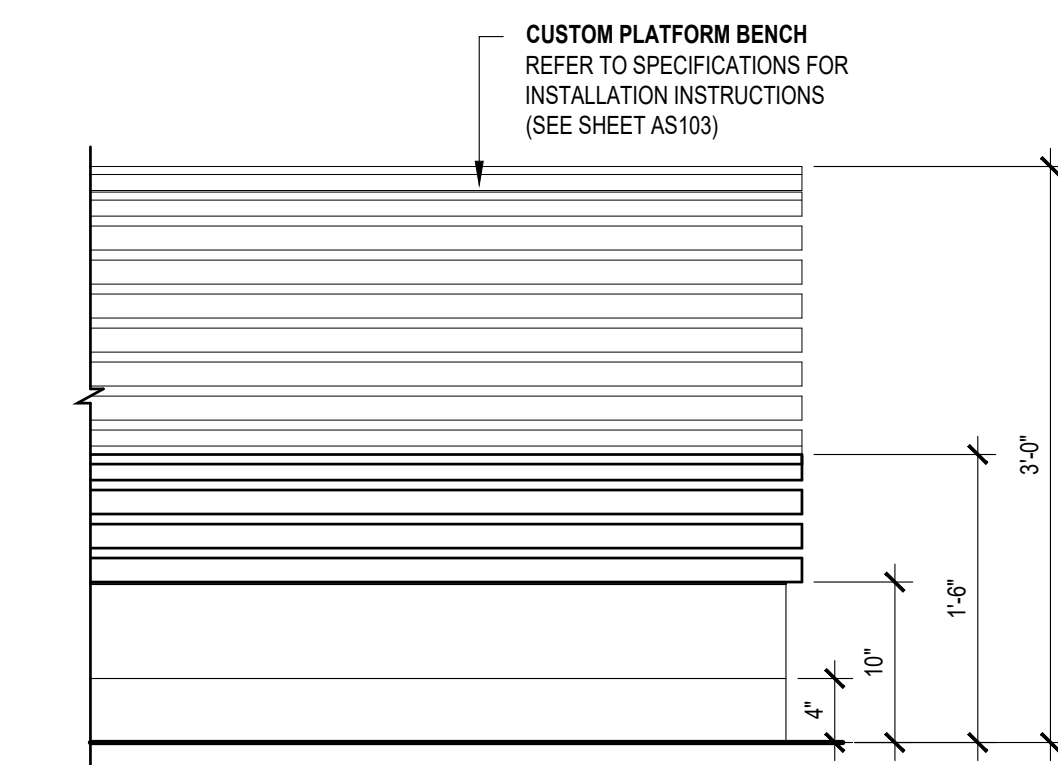
AS407



 P.O Box 224 Ceiba, P.R. 00735-0224 Office Telephone: 787-885-2180 http://www.ceiba-pr.com/	OWNER
 BRA LLC PROJECT MANAGEMENT • ENGINEERING • DESIGN 3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926 Office Telephone: (787) 707-1717 br@brapr.com	PROPOSITOR
 ALVAREZ-DIAZ & VILLALÓN The Hub 200 Convention Boulevard Suite 201 San Juan, PR 00907 P (787) 754-1381 alvarezdiazvillalon.com info@advfirm.com	CONSULTANT







PLANTER REFER TO LANDSCAPE DWG

FILL

CUSTOM PLATFORM BENCH
REFER TO SPECIFICATIONS FOR
INSTALLATION INSTRUCTIONS
(SEE SHEET AS103)

2'-11"

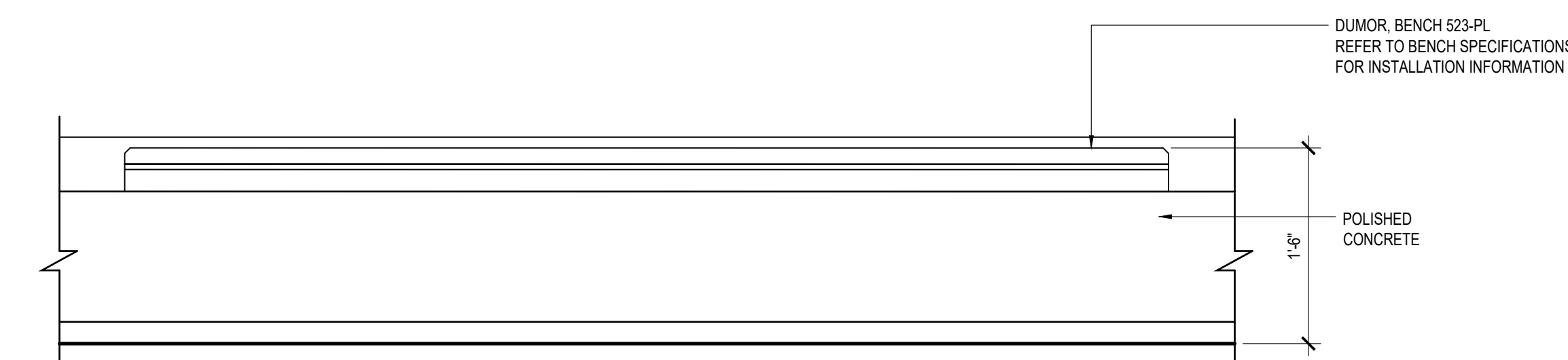
1'-5"

10"

LINEAR COVE LIGHT
REFER TO SHEET AS104
POLISHED CONCRETE
REFER TO SPECS.

FINISH FLOOR

C4 ELEVATED PLATFORM SECTION - TYP. DETAIL
SCALE: 1 1/2"=1'-0"



5" 5" 1'-7 1/4"

DUMOR, BENCH 523-PL

1'-7"

ALIGN

1'-2"

POLISHED CONCRETE
REFER TO SPECS.

FINISH FLOOR

REFER TO BENCH
SPECIFICATIONS FOR
ANCHOR INFORMATION

CONCRETE BENCH
(SEE DETAILS ON
STRUCTURAL
DWGS.)

A5 SECTION - TYPICAL
SCALE: 1"=1'-0"

[illegible]

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023
F	100% CD - REVISIONS	08.11.2023
G	100% CD - REVISIONS	02.09.2024
H	100% CD - REVISIONS	02.22.2024

DATE ISSUED: 02.09.2024

REVIEWED BY: EAS

DRAWN BY: JHR

DESIGNED BY: EAS/JCR

PROJECT NUMBER:	22019
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SHEET TITLE

ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS

SHEET ID

AS501

CONSTRUCTION DOCUMENT



GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio-Cancela | carubio@prshpo.pr.gov

August 10, 2023

Lauren Bair Poche

HORNE- Architectural Historian Manager
10000 Perkins Rowe, Suite 610 Bldg C
Baton Rouge, LA 70810

SHPO: 05-30-23-04 PUERTO RICO DISASTER RECOVERY, CDBG-DR CITY REVITALIZATION PROGRAM (CRP), PR-CRP-000968, REVITALIZATION OF FELISA DE RINCÓN DE GAUTIER PUBLIC PLAZA, #267 AVE. LAURO PIÑERO, CEIBA, PUERTO RICO

Dear Ms. Poche,

We acknowledge receipt of the Archaeological Monitoring and Protection Plan submitted on July 27, 2023, for the case mentioned above. The plan prepared by archaeologist Sharon Meléndez Ortiz is appropriate for this undertaking, and we concur with its 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/LGC/EVR





October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

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 registry review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

In line 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,


Juan C. Pérez Bofill, P.E. M.Eng
Director of Disaster Recovery
CDBG DR-MIT

July 28, 2023

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 ID: 05-30-23-04; Proposed Archaeological Monitoring Work Plan for PR-CRP-000968, Revitalización Plaza Pública Felisa Rincón Project, Cieba, Puerto Rico

Dear Architect Rubio Cancela,

We thank you and acknowledge receipt of your letter dated June 26, 2023, where you concurred that a finding of No Adverse Effect would be appropriate for the proposed project conditioned to an archaeological monitoring during demolition and ground disturbing activities, along with the recommendation of a desk-based research and protection of the identified historic properties. It was requested that the archaeological monitoring and protection plan be submitted for review and concurrence.

On behalf of PRDOH and the subrecipient, the Municipality of Ceiba, we are submitting the requested archaeological monitoring and protection plan, prepared by Archaeologist Sharon Meléndez Ortiz, M.A, for your review. We look forward to your response and concurrence that the prepared plan is appropriate for this undertaking.

Please contact me by email at lauren.poche@horne.com or phone at 225-405-7676, or Ms. Sharon Meléndez Ortiz at sharon.melendez@hornepr.com.

Kindest regards,



Lauren Bair Poche, M.A.
Architectural Historian, Historic Preservation Senior Manager
Attachments

**PRDOH CDBG-DR CRP Program
Revitalization of Felisa Rincón de Gautier
Public Plaza, Ceiba, Puerto Rico
PR-CRP-000968 / SHPO 05-30-23-04**

Archaeological Monitoring and Protection Plan



Prepared by:

Sharon Meléndez Ortiz
Archaeologist – **Horne PR**

July 8, 2023

I. PREAMBLE

The Municipality of Ceiba 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 Maria. The Puerto Rico Department of Housing (PRDOH) has established an Agreement between PRDOH and the Municipality of Ceiba for the City Revitalization Program as part of the Community Development Block Grant for Disaster Recovery (CDBG-DR) Program. The Municipality of Ceiba proposes to revitalize the Felisa Rincón de Gautier Public Plaza (hereinafter the Plaza) and strategically recreate it as a safer and adequate pedestrian zone preserving the historic development of the space and of the Municipality of Ceiba. The Puerto Rico State Historic Preservation Office (PRSHPO), in a letter dated June 26, 2023, concurred with a finding of No Adverse Effect for this undertaking conditioned to the implementation of an archaeological monitoring during demolition and ground disturbing activities, desk-based research and protection plan.

This revitalization project will include installation of new solar lighting system, benches, trash recipients, the expansion and reconstruction of sidewalks around the plaza, new pedestrian crossings within the municipal streets and nearby government buildings, the construction of a new public stage for local events, the installation of a trellises, the implementation of landscape to improve green areas and the Installation of sculptures with typical local themes as focal points and tourist attraction. The project also includes raising José Quiñones Street level to match the sidewalk grade.

The project's area of potential effects (APE) includes the Plaza and the sidewalks and crossways surrounding the Plaza (Figure 1). The direct APE measures 1.83 acres, with a maximum depth of ca. 3 feet. The visual APE is the viewshed of the proposed project. The APE is located within Ceiba's traditional urban center, a historic district eligible to the National Register of Historic Places (NRHP). The Plaza is a contributing property of the historic district, and it is also considered individually eligible to the NRHP. Within the visual APE there are five additional NRHP-eligible resources: San Antonio de Padua Church, the City Hall, Santiago Iglesias Pantín School, Adolfo Veve Fereau School and road PR-3.

The objectives of this archaeological monitoring and protection plan are: (1) to establish measures to prevent indirect adverse effects to 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 Sharon Meléndez Ortiz, who meets the Professional Qualifications Standards set forth in 36 CFR Part 61 and is listed as an archaeologist by the Council for the Protection of Earth Archaeological Heritage (Council) to conduct Phase I, Phase II, and Phase III studies.

Figure 1: Project Location – Area of Potential Effect on the Satellite Image (from Montenegro Torres and González Vega 2023)



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. Section V 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).

II. PROJECT DESCRIPTION

The revitalization of Felisa Rincón de Gautier Public Plaza includes demolition and construction activities (Figures 2 and 3). The demolition works will include the removal of the existing pavers within the plaza, demolition of existing planters, demolition of the gazebo, and concrete stairs, removal of urban mobiliary, removal of lighting posts and demolition of sidewalks. The demolition works inside the plaza will be performed using lightweight equipment. The contractor shall take precautions during demolition works on areas identified as environmentally, architecturally, and archaeologically sensitive.

The existing palms and small trees within the plaza and project area will be removed. The two Ceibas will be carefully removed and relocated in the same project area, taking adequate precautions to comply with DNER regulations. These trees will be protected during the construction works to avoid any damage to the trees and roots, in compliance with the DNER regulations, especially when this tree is associated with the town's name.

The fence that surrounds San Antonio de Padua church will be removed and its concrete base will be carefully demolished and removed using small demolition equipment to minimize any disturbance below ground. The fenced area will be replaced with natural grass.

During the demolition and construction process, erosion and sedimentation control measures will be implemented to avoid the sediments discharge into the road surface and storm sewer system during rainfall events. The measures include installation of hay bales (or silt socks) on drainage structures, installation of silt fence around the project limit, and implementation of a washout entrance for trucks to avoid sediments migration into the streets.

The construction equipment and materials staging area will be located at José Quiñones Street. This street will be temporarily closed during demolition and construction works. Staging and storage areas for construction materials will be protected with silt fence.

The project includes the following improvements based on the 90% design plans (Appendix B):

1. New concrete slab (sidewalks) and surface treatments within the Plaza. The sidewalks will be constructed at the same elevation as the existing surface to maintain the same levels. Additional sidewalk areas will be provided for more access for pedestrians.
2. New concrete stairs and concrete ramps to access the plaza level. Some of these elements will be constructed in the same location as the existing and will follow ADA regulations. These structural elements will require footing structures of approximately 3.0 feet depth. Small construction equipment and precautions during the construction phase will be considered minimizing disturbances below grade.
3. New trellis structures to provide shadow spaces for local users and possible small commercial spaces. These trellises require footing structures to comply with local regulations (for wind and earthquakes). These structural elements will require footing structures of approximately 3.0 feet depth. Small construction equipment and precautions during the construction phase will be considered minimizing disturbances below grade.
4. New stage facilities for local events, providing more space and a more comfortable location. This stage will have access from the north sidewalk and requires stairs and footing structure to comply with local regulations. The stage was designed considering simple elements to complement the environment of the plaza. The approximate stage area is 90 square meters (968.7ft²). These structural elements will require

footing structures of approximately 3.0 feet depth. Small construction equipment and precautions during the construction phase will be considered minimizing disturbances below grade.

5. Urban mobiliary, such as concrete benches with wood material, metal dumpsters, bollards, and concrete planters above the surface of the plaza are included, harmonizing with the architectural features of its surrounding historic buildings, and setting.

6. Installation of solar luminaires to provide lighting around the new plaza. The luminaires will require a concrete base for support and resistance against weather (winds) and earthquakes. Trenches and conduits will not be required for this lighting system. These luminaires will require footing structures of approximately 3.0 feet depth.

7. New landscape treatment will be incorporated to provide vegetation that complements the new plaza and its elements.

Figure 2: Existing Conditions and Demolition Plan

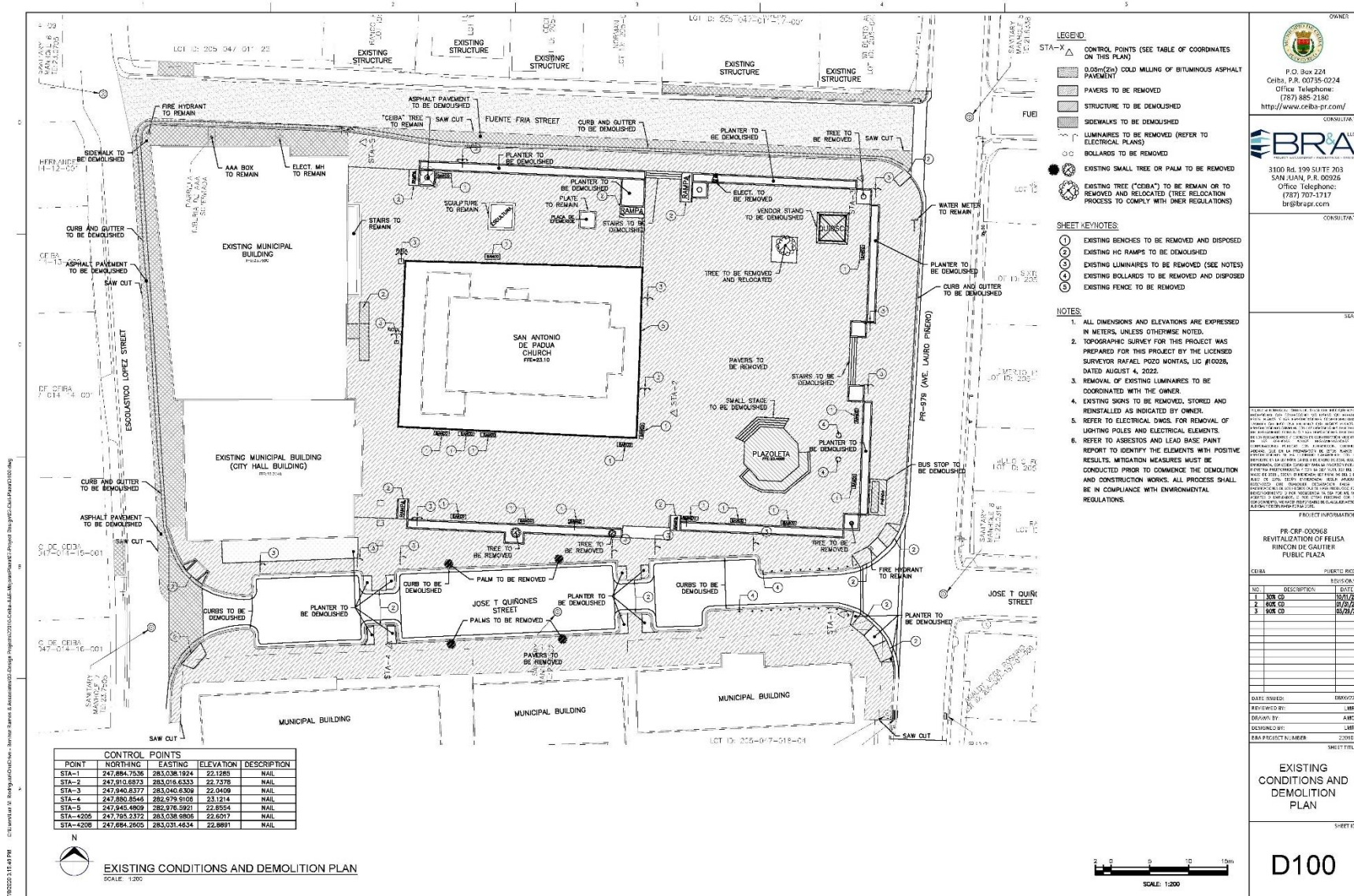
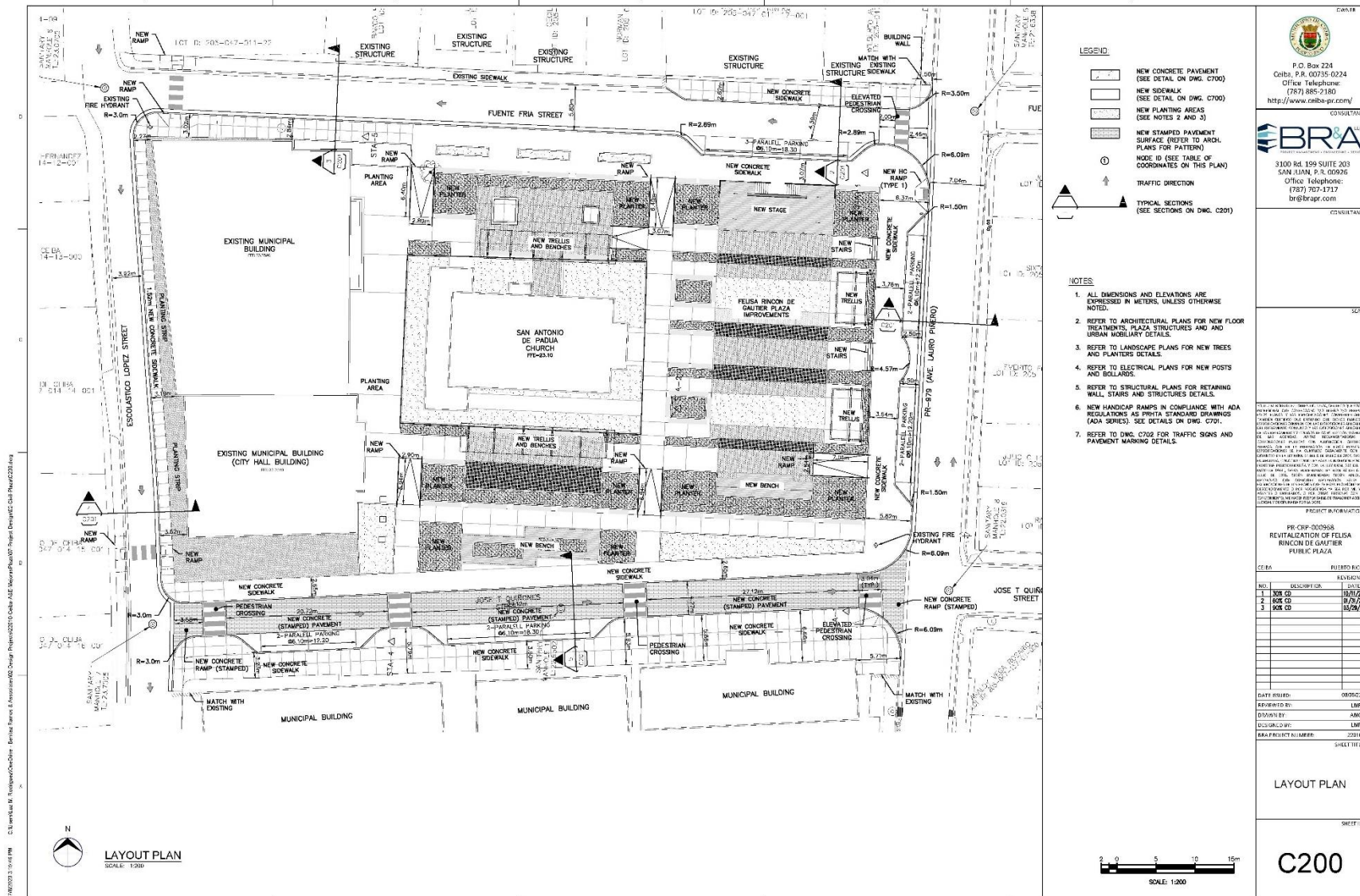


Figure 3: Layout Plan



III. HISTORIC PROPERTIES WITHIN THE APE

There are five (5) NRHP-eligible historic properties and one (1) NRHP-eligible road within the direct and visual APEs, according to *Section 106 NHPA Effect Determination Form*, prepared by archaeologist Tamara González Vega in November 2022 and architect Cristina Montenegro Torres in January 2023 (Figure 4).

Figure 4: Location of historic properties within the project's APE



The NRHP-eligible Felisa Rincón de Gautier Public Square is the historic center of Ceiba, a municipality founded between 1836 and 1838. The plaza is mentioned in 1840's sources along with a wooden church roofed with clay tiles, the Casa del Rey, a jail, a house for the priest, a cemetery, a butcher shop, an elementary school, a customs and post office, 34 houses, and 3 shops. In that year 1840, a fire destroyed most of the town, including the buildings surrounding the plaza. An 1885 plan shows the space of the plaza surrounded by structures and a church in its center (Figure 5). The historical cartography suggests that the Ceiba public square has undergone few changes in its original demarcation. In 1900, improvements were completed without significant alterations to the original geometry. A photo from

1970 shows part of the Plaza surrounded by residences and commercial buildings, with urban mobiliary, including lightning poles (Figure 6).

Figure 5: Sketch of Ceiba, 1885 (Comisión topográfica del ejército)

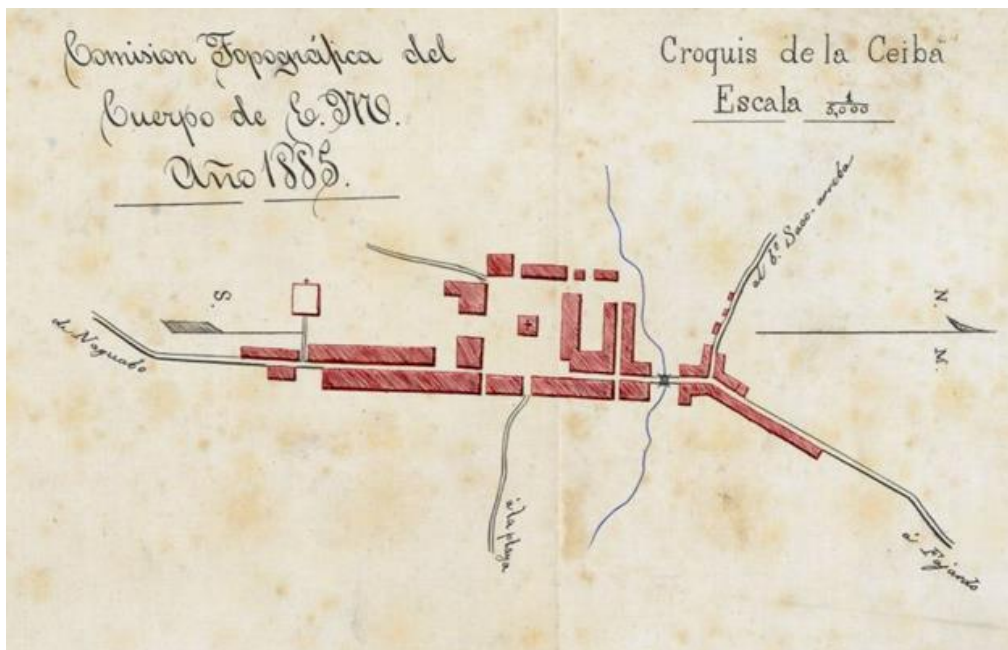


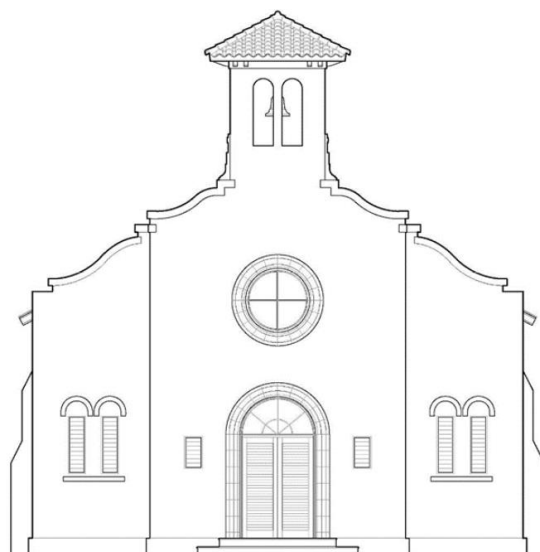
Figure 6: Plaza de Ceiba in 1970 (from Montenegro Torres and González Vega 2023)



The San Antonio de Padua Catholic church, located in the center of the Plaza, serves as an anchor centered in the town plaza with the main façade looking east. The original wooden church was destroyed in a fire in 1840. The current building, with a larger footprint than the building depicted in the 1930 aerial image,

was designed by Luis Perocier in 1932. This building is a example of baroque modest architecture (Figure 7).

Figure 7: Drawing of the main façade of San Antonio de Padua's Church (from Montenegro Torres and González Vega 2023)



The City Hall is located in the southwest corner of the Plaza. The current building was built between 1920 and 1937, presumably in the footprint of the 1840's Casa del Rey. The Ceiba City Hall is a good example of the Neoclassical architecture style (Figure 8).

Figure 8: Photo of the City Hall, 1920-1937 (from Montenegro Torres and González Vega 2023)



The Santiago Iglesias Pantín School is located on the northwest side of the Plaza. This school, built ca. 1937, is a good example of the Neoclassical Architecture style. It was constructed because of the Puerto Rico Reconstruction Administration (PRRA) rural school projects.

There is a second historic school facing the southeast side of the Plaza, on José T. Quiñones Street. The Adolfo Veve Fereau School was also built with funds from the PRRA in ca. 1937. It is also a good example of the Neoclassical Architecture style (Figure 9).

Figure 9: Photo of Adolfo Veve Fereau School, 1937 (from Montenegro Torres and González Vega 2023)



The last resource located within the APE is historic road PR-3, named Lauro Piñero Avenue within Ceiba's urban core. The PR-3 is the second longest highway on Puerto Rico, connecting San Juan to Salinas indirectly around the eastern coast of the island. This route has nineteenth-century origins. It is a road of unquestionable historical importance, which had special relevance for the development of the sugar industry in this part of the island since the late 19th century and during the first half of the 20th century. This road is also important for historical military reasons, as it is the land communication route for the former naval base of Roosevelt Roads.

Archaeological Potential

The project's APE has potential for the presence of archaeological resources from colonial times, associated with the urban development of the town of Ceiba during the last three centuries. In the excavations within the plaza and along streets and sidewalks it is possible to find remnants of previous surfaces and structures, urban furniture, drainage structures and old utilities. There is also the potential to find cultural strata associated with demolitions and reconstructions due to catastrophes such as fires, earthquakes, or hurricanes.

Along the PR-3 there is potential to find remains of commercial and residential buildings, especially in sections that have been realigned or widened. These remains can be previous surfaces, foundations, post molds, domestic or commercial artefactual deposits, and infrastructure.

IV. 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 properties located within the direct and visual APE through detailed descriptions and photos. This data must be included in the final report and should be compared with the conditions of the properties after the project is completed.

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 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 **Error! Reference source not found.**). These Forms 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.
 - iii. 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/localaw/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 timeframe, 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.

V. PROFESSIONAL QUALIFICATIONS

The Monitor must meet the minimum Secretary of the Interior Professional Qualifications Standards for Archaeology established in 36CFR 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. In the case of hiring archaeologists and trained technicians to assist in archaeological monitoring, the Principal Investigator must be present for at least 25 percent of the duration of the fieldwork to supervise them.

VI. 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

Comisión topográfica de 1885

1885 Croquis de la Ceiba. ADNPR.

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.

Montenegro Torres, Cristina and González Vega, Tamara

2023 *Section 106 NHPA Effect Determination Form* for PR-CR-000968

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.htm

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.htm [consultado feb. 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.htm

s/f "Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines for Identification". http://www.cr.nps.gov/local-law/arch_stnds_5.htm

Puerto Rico State Historic Preservation Office (PRSHPO)

1993 *Guía para hacer investigaciones arqueológicas Fases I, II y III*. San Juan: Oficina del Gobernador.

United States Geological Survey

1946 Topographic Quadrangle of Naguabo.

1952 Topographic Quadrangle of Naguabo.

1957 Topographic Quadrangle of Naguabo.

1967 Topographic Quadrangle of Naguabo.

2013 Topographic Quadrangle of Naguabo.

2018 Topographic Quadrangle of Naguabo.

APPENDIX A: MONITORING DAILY ACTIVITY SHEET

 GOVERNMENT OF PUERTO RICO DEPARTAMENTO DE HACIENDA	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
Are the project activities conforming to the LIDRS? If not, explain below.	☐	☐
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.	☐	☐

--

 GOVERNMENT OF PUERTO RICO DEPARTAMENTO DE RECUPERACIÓN	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

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA

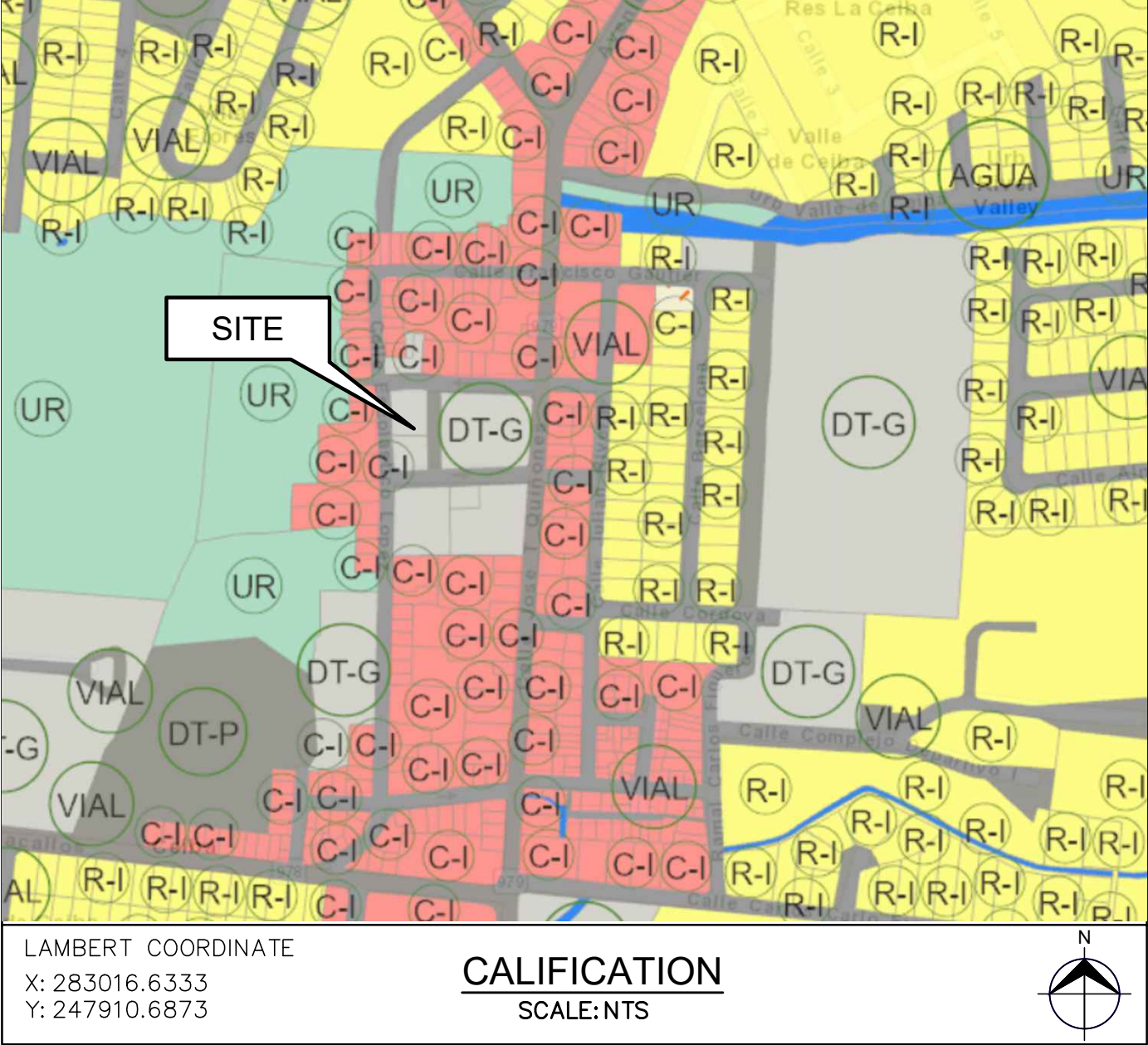
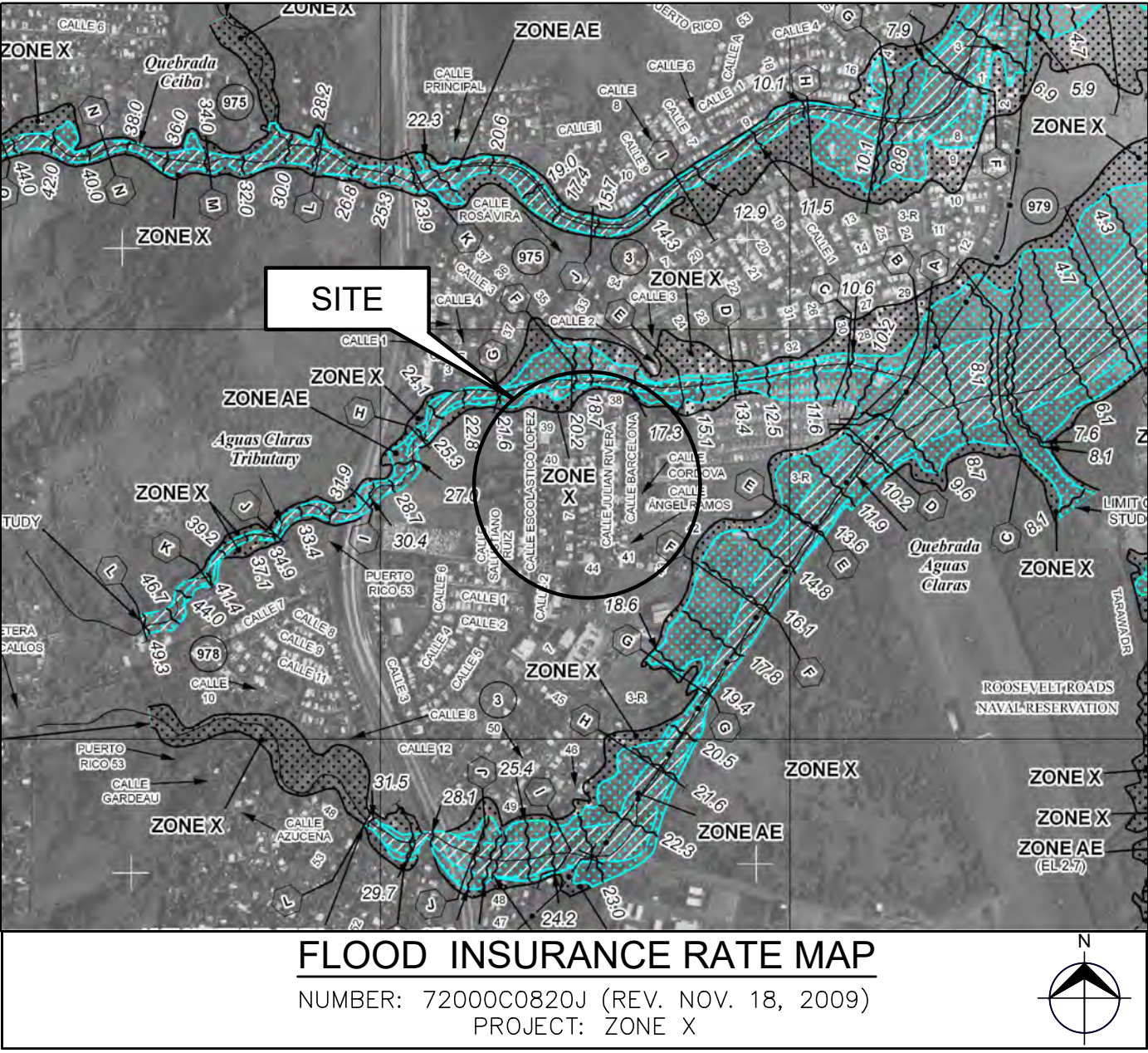
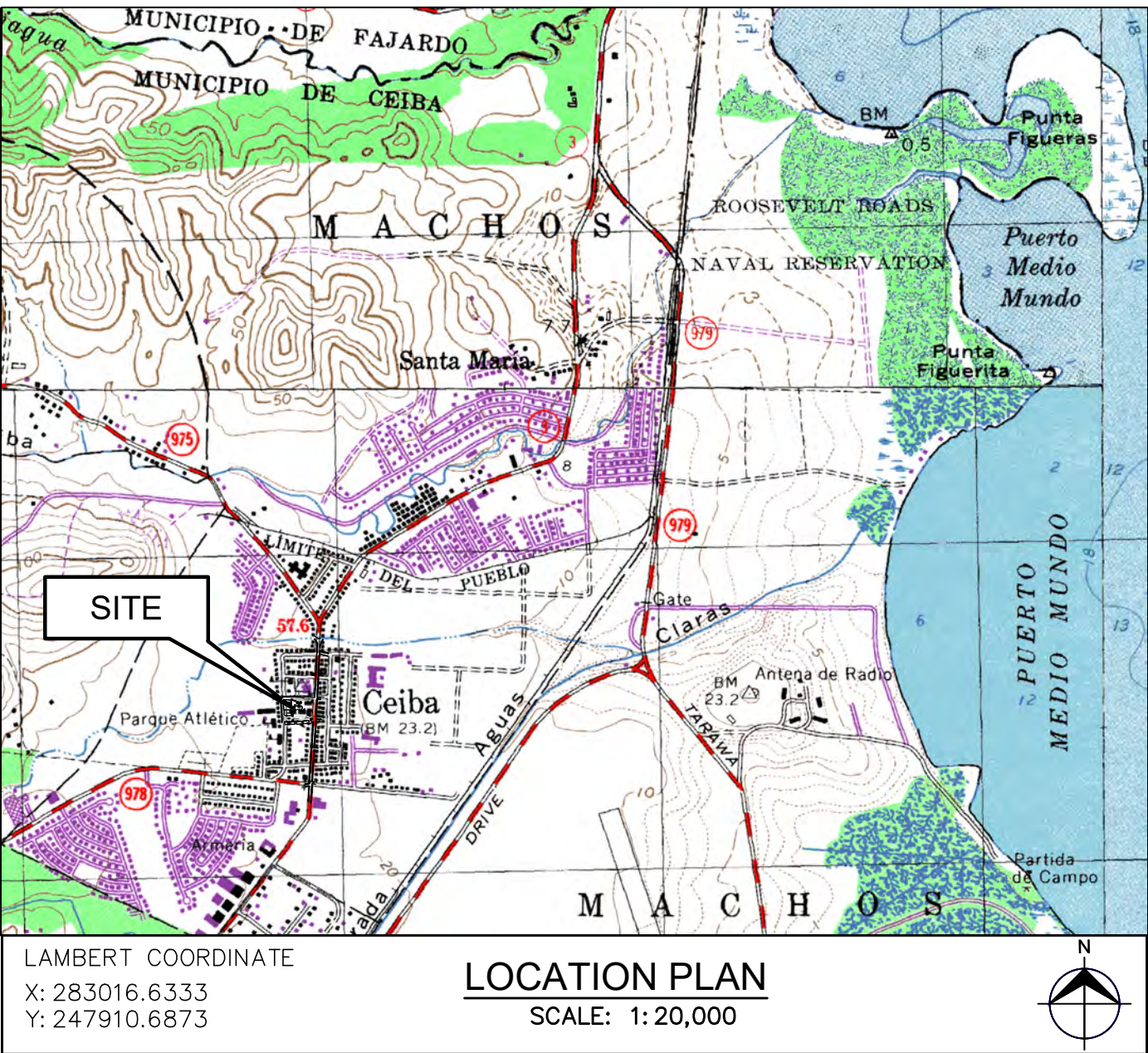
267 LAURO PIÑERO AVE.

CEIBA, PR 00735

90% DESIGN DEVELOPMENT

INDEX	
SHEET	DESCRIPTION:
GENERAL PLANS	
T000	TITTLE SHEET INDEX, LOCATION MAP, FLOOD MAP & CALIFICATION
LANDSCAPE PLANS	
L100	PLANTING LAYOUT
L200	PLANTING DETAILS
CIVIL PLANS	
D100	EXISTING CONDITIONS AND DEMOLITION PLAN
C200	LAYOUT PLAN
C201	TYPICAL SECTIONS
C300	GRADING PLAN
C480	EROSION AND SEDIMENTATION CONTROL PLAN
C490	EROSION AND SEDIMENTATION CONTROL DETAILS
C700	MISCELLANEOUS DETAILS
C490	MISCELLANEOUS DETAILS
C800	TRAFFIC SIGNING AND PAVEMENT MARKING PLAN
C801	TRAFFIC SIGNING AND PAVEMENT MARKING DETAILS
MOT1	MAINTENANCE OF TRAFFIC LEGEND AND NOTES
MOT2	MAINTENANCE OF TRAFFIC TYPICAL APPLICATIONS
MOT3	MAINTENANCE OF TRAFFIC CONSTRUCTION SIGN TABLE
ARCHITECTURAL PLANS	
G003	GENERAL NOTES SYMBOLS AND ABBREVIATIONS
G004	ADA STANDARDS FOR ACCESIBILITY
ASD100	EXISTING CONDITIONS & SELECTIVE DEMOLITION SITE PLAN
AS100	OVERALL ARCHITECTURAL SITE PLAN – SITE SPOT ELEVATIONS
AS101	OVERALL ARCHITECTURAL SITE PLAN – SITE SPOT ELEVATIONS
AS102	OVERALL ARCHITECTURAL SITE PLAN– TOP VIEW (ROOF PLAN)
AS103	ARCHITECTURAL SITE PLAN – SITE FURNISHINGS
AS104	ARCHITECTURAL SITE PLAN – LIGHTING
AS105	ARCHITECTURAL SITE PLAN – ART INST. GREEN AREA + LANDSCAPE
AS106	ARCHITECTURAL SITE PLAN – TRELLISES, PORTALS, STAGE
AS301	OVERALL SITE ELEVATIONS
AS302	OVERALL SITE SECTIONS
AS401	ENLARGED PLANS STAGE
AS402	ENLARGED SECTIONS & ELEVATIONS STAGE

INDEX	
SHEET	DESCRIPTION:
ARCHITECTURAL PLANS	
AS403	ENLARGED PLANS TRELLIS
AS404	ENLARGED TRELLIS ELEVATIONS & SECTIONS
AS405	ENLARGED PLAN TRELLIS
AS406	ENLARGED TRELLIS ELEVATIONS & SECTIONS
AS451	ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS
AS501	ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS
AS502	ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS
STRUCTURAL PLANS	
S100	GENERAL STRUCTURAL NOTES AND DETAILS
S101	OVERALL STRUCTURAL SITE PLAN
S102	STRUCTURAL SITE SECTIONS
S103	STRUCTURAL SITE SECTIONS
S104	STRUCTURAL SITE SECTIONS
S201	SHORT TRELLIS FOUNDATION PLAN AND DETAILS
S202	SHORT TRELLIS STRUCTURAL PLANS, SECTIONS AND DETAILS
S211	LONG TRELLIS FOUNDATION PLAN AND DETAILS
S212	LONG TRELLIS FOUNDATION PLAN AND DETAILS
S221	STAGE STRUCTURE FOUNDATION PLAN AND DETAILS
S222	STAGE STRUCTURAL PLAN AND CONNECTION DETAILS
S223	STAGE STRUCTURAL SECTIONS
ELECTRICAL PLANS	
E100	EXISTING ELECTRICAL PLAN
E200	PROPOSED ELECTRICAL PLAN





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YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTENDIENDO QUE DICHO 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 JURISDICCION CERTIFICO, ADEMÁS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 315 DEL 15 DE MAYO DE 1938, SEGÚN ENMIENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA; SEGÚN APLICABLE RECONOCIDO QUE CUALQUIER DECLARACIÓN FALSA, FALSIFICACIONES 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 CONDOMINIO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA DOPE.

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA	PUERTO RICO	
REVISIONS		
NO.	DESCRIPTION	DATE
1	30% CD	10/11/22
2	60% CD	01/31/23
3	90% CD	03/29/23

DATE ISSUED: 08/05/22
REVIEWED BY: LMR
DRAWN BY: AMC
DESIGNED BY: LMR
BRA PROJECT NUMBER: 22010

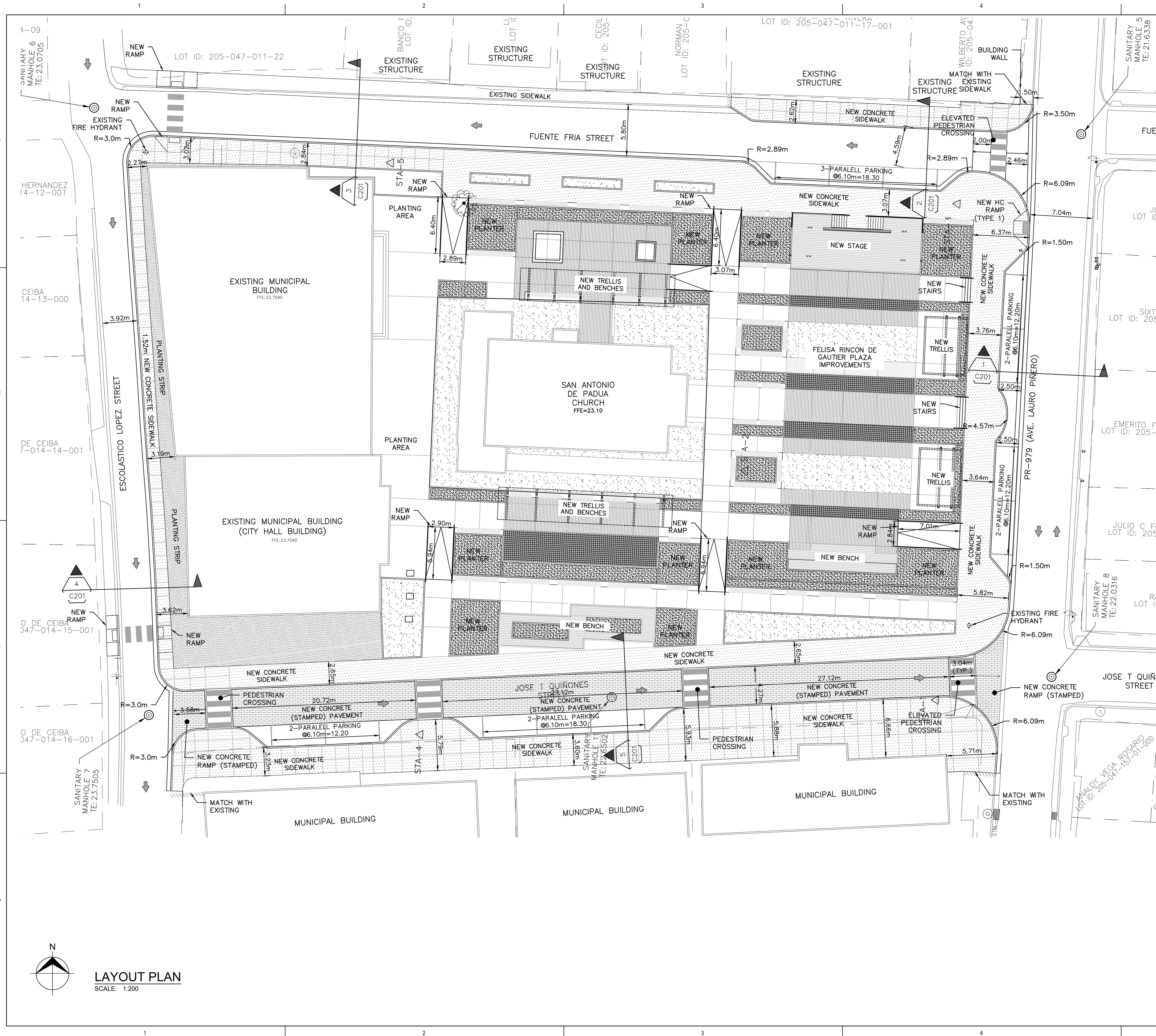
SHEET TITLE

TITLE SHEET,
INDEX, LOCATION
PLAN, FLOOD
MAP &
CALIFICATION

SHEET ID

T000

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LEGEND:

- NEW CONCRETE PAVEMENT (SEE DETAIL ON DWG. C700)
- NEW SIDEWALK (SEE DETAIL ON DWG. C700)
- NEW PLANTING AREAS (SEE NOTES 2 AND 3)
- NEW STAMPED PAVEMENT SURFACE (REFER TO ARCH. PLANS FOR PATTERN)
- NODE ID (SEE TABLE OF COORDINATES ON THIS PLAN)
- TRAFFIC DIRECTION
- TYPICAL SECTIONS (SEE SECTIONS ON DWG. C201)

NOTES:

- ALL DIMENSIONS AND ELEVATIONS ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECTURAL PLANS FOR NEW FLOOR TREATMENTS, PLAZA STRUCTURES AND URBAN MOBILIARY DETAILS.
- REFER TO LANDSCAPE PLANS FOR NEW TREES AND PLANTERS DETAILS.
- REFER TO ELECTRICAL PLANS FOR NEW POSTS AND BOLLARDS.
- REFER TO STRUCTURAL PLANS FOR RETAINING WALL, STAIRS AND STRUCTURES DETAILS.
- NEW HANDICAP RAMPS IN COMPLIANCE WITH ADA REGULATIONS AS PRHTA STANDARD DRAWINGS (ADA SERIES). SEE DETAILS ON DWG. C701.
- REFER TO DWG. C702 FOR TRAFFIC SIGNS AND PAVEMENT MARKING DETAILS.

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3	90% CD	03/29/23

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REVIEWED BY: LMR
DRAWN BY: AMC
DESIGNED BY: LMR
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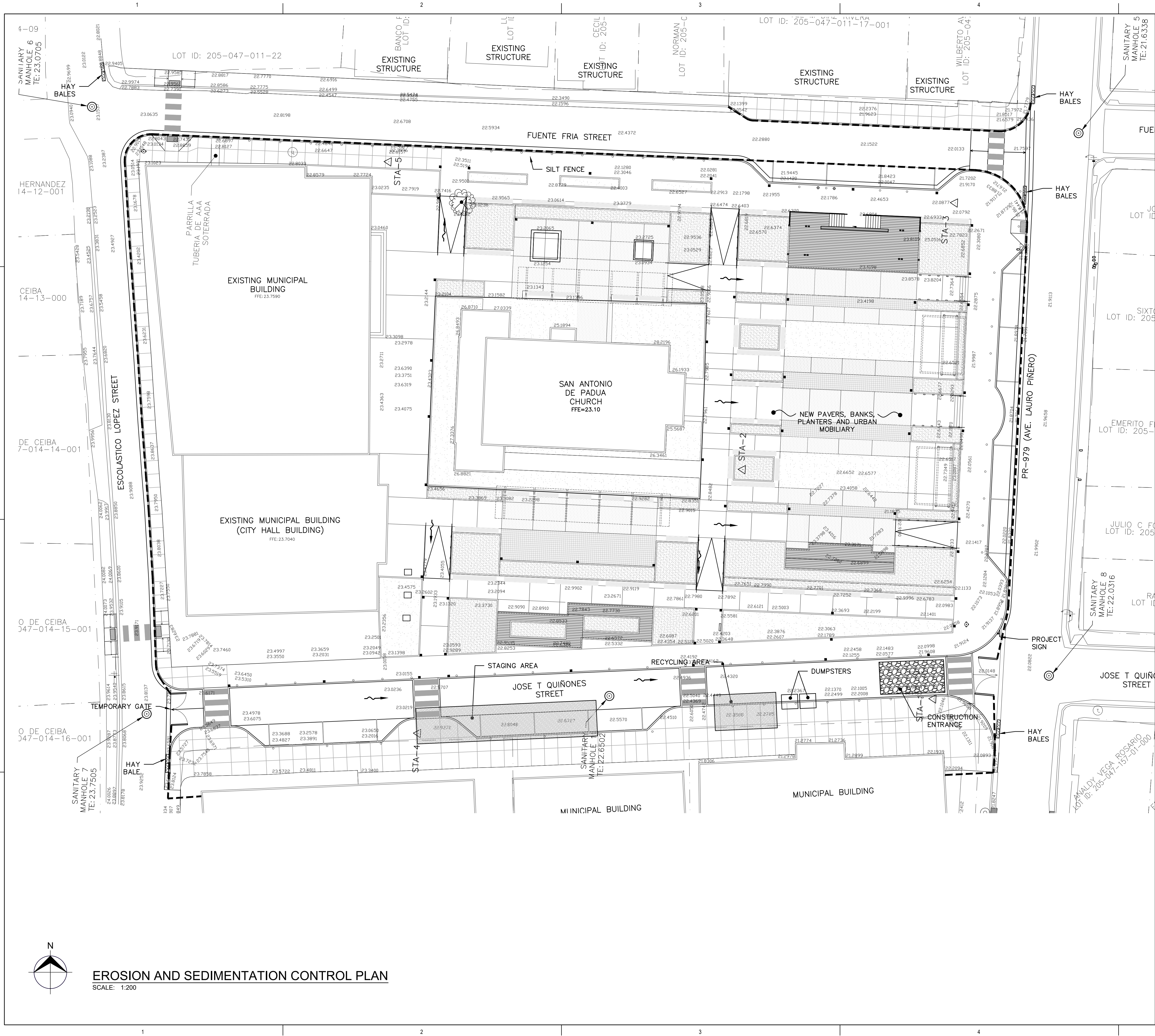
SHEET TITLE

LAYOUT PLAN

SHEET ID

C200

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LEGEND:

- INLET PROTECTION
- HAY BALES
- SILT SOCKS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- FLOW DIRECTION
- EXISTING GRADE
- PROJECT SIGN

NOTES:

- ALL DIMENSIONS AND ELEVATIONS ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
- FOR EROSION AND SEDIMENT CONTROL DETAILS AND NOTES, REFER TO DWG. C490.
- ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMMENCE WITH ANY DEMOLITION OR EXCAVATION, AND MAINTAINED THROUGHOUT THE DURATION OF THE CONSTRUCTION.

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REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA	PUERTO RICO	
NO.	DESCRIPTION	DATE
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2	60% CD	01/31/23
3	90% CD	03/29/23

DATE ISSUED: 08/05/22
REVIEWED BY: LMR
DRAWN BY: AMC
DESIGNED BY: LMR
BRA PROJECT NUMBER: 221010

SHEET TITLE

EROSION AND
SEDIMENTATION
CONTROL PLAN

SHEET ID

C480

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200

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100

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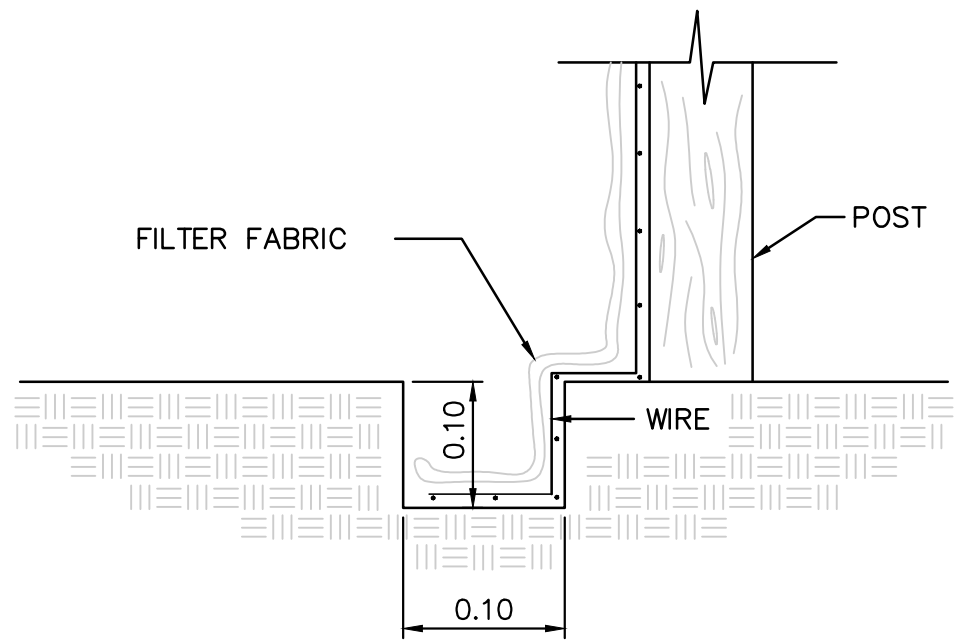
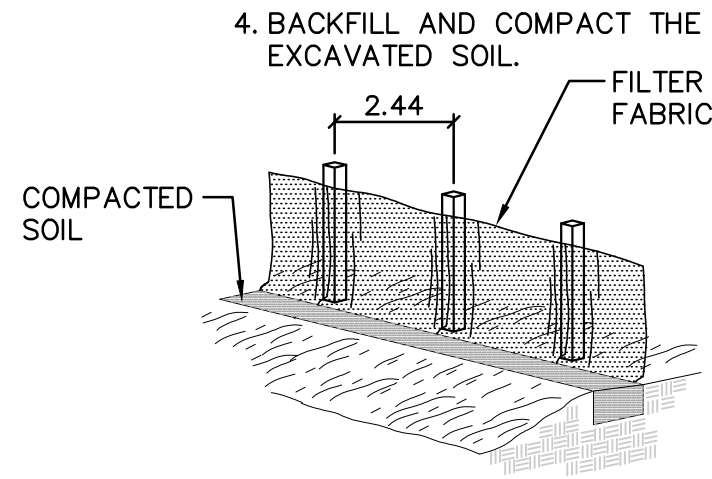
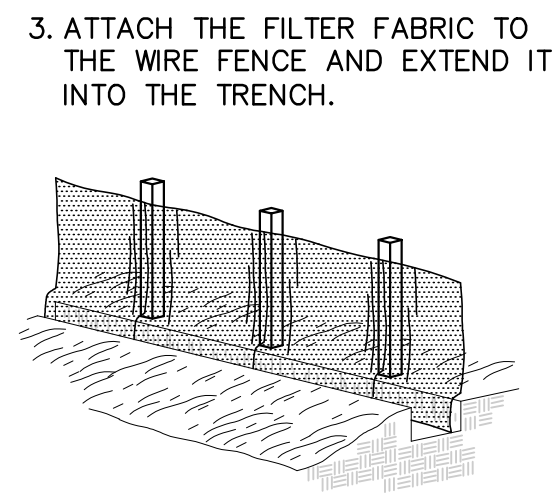
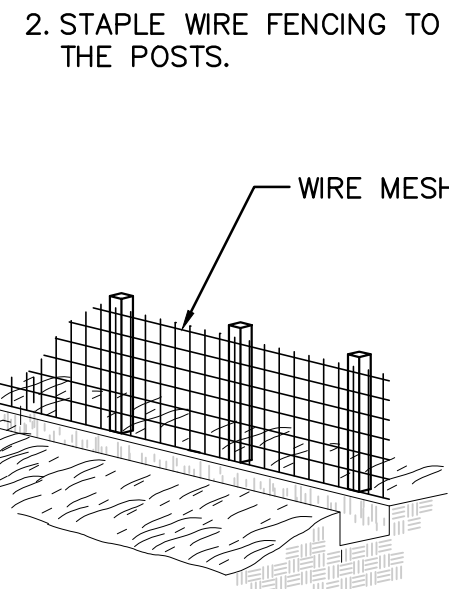
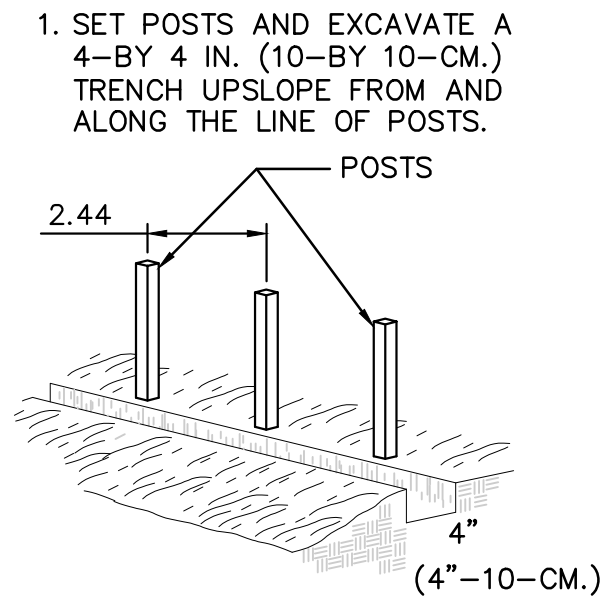
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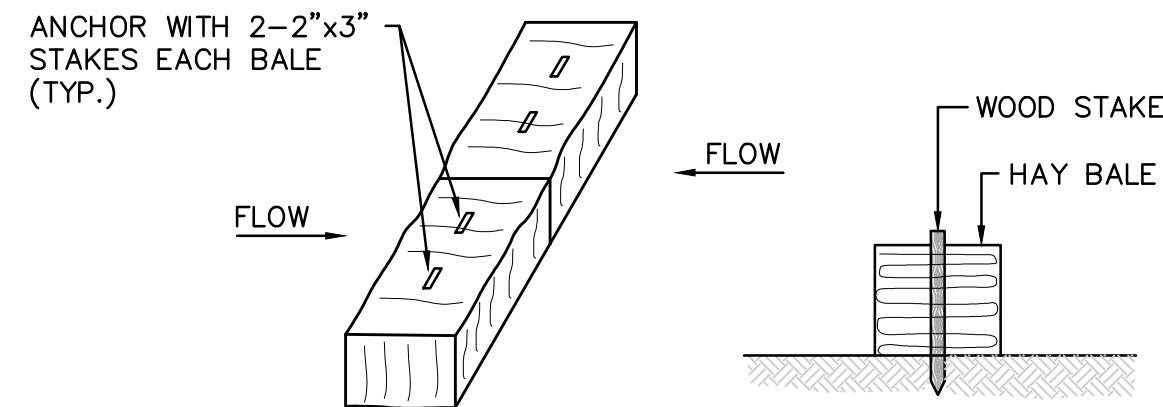
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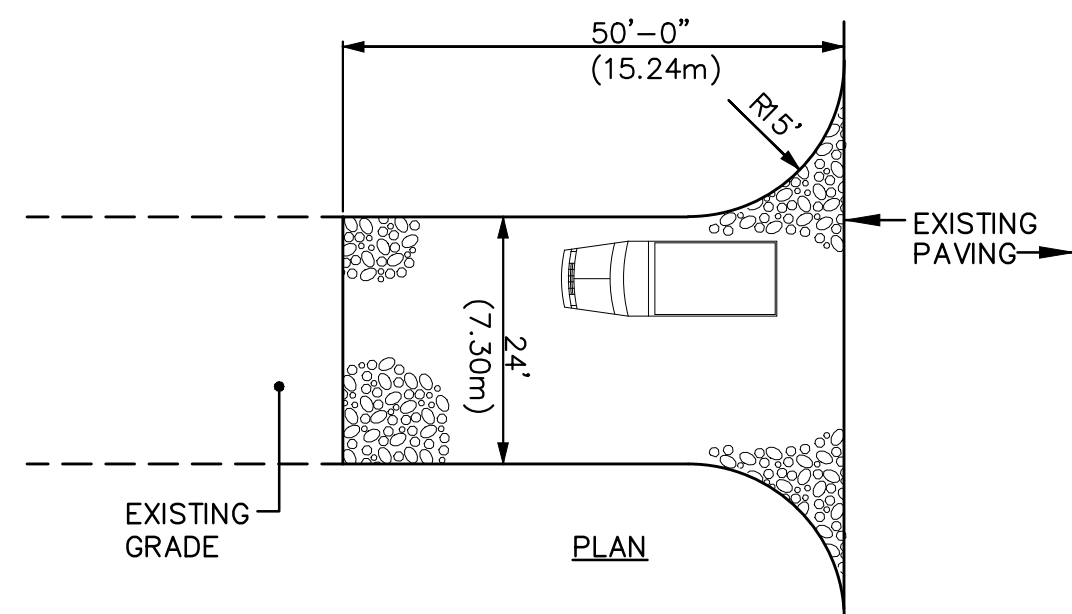
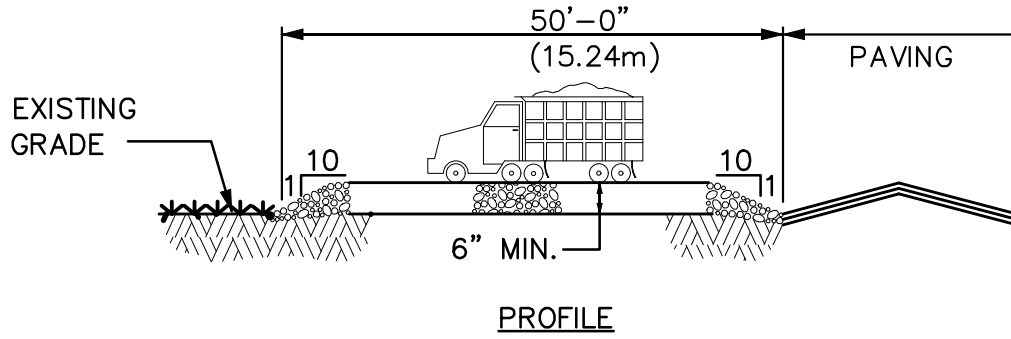


SILT FENCE CONSTRUCTION DETAIL
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SILT FENCE INSTALLATION DETAILS
SCALE: NTS



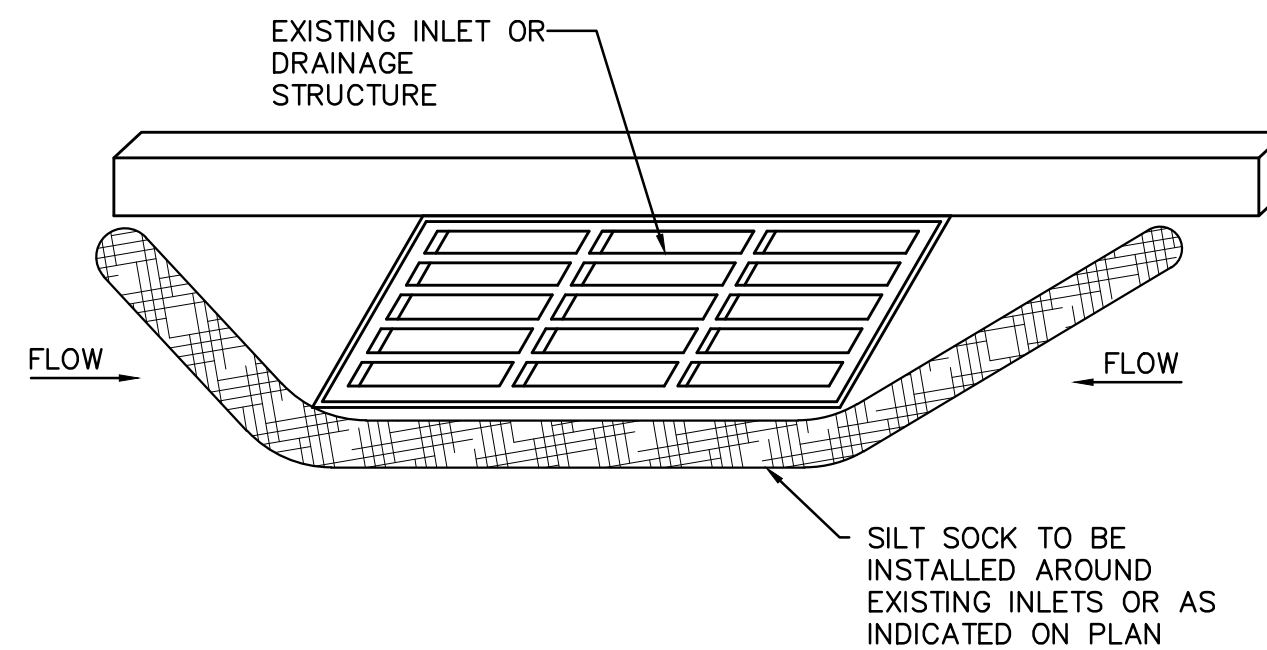
HAY BALE INSTALLATION
SCALE: NTS



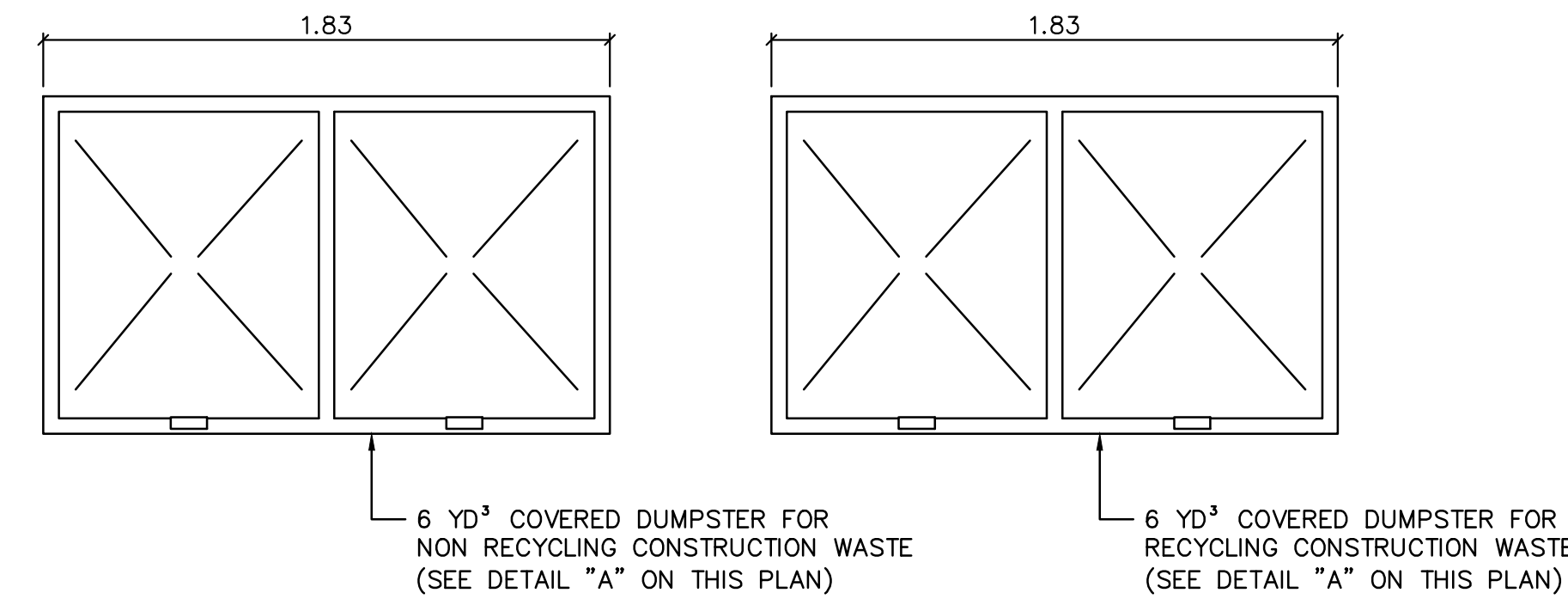
NOTES:

1. PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND EXIST. PAVEMENT.
2. STONE SIZE: USE AASHTO M-43 SIZE No. 2 STONE.

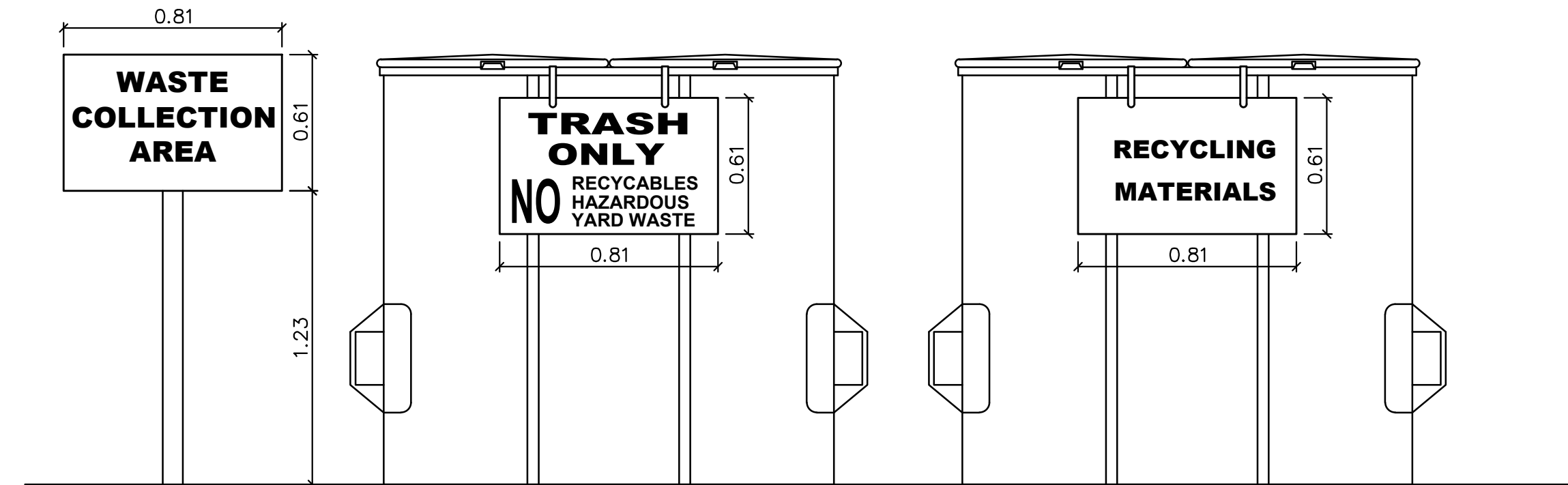
STABILIZED CONSTRUCTION ENTRANCE
SCALE: NTS



INLET PROTECTION DETAIL
SCALE: NTS



PLAN VIEW



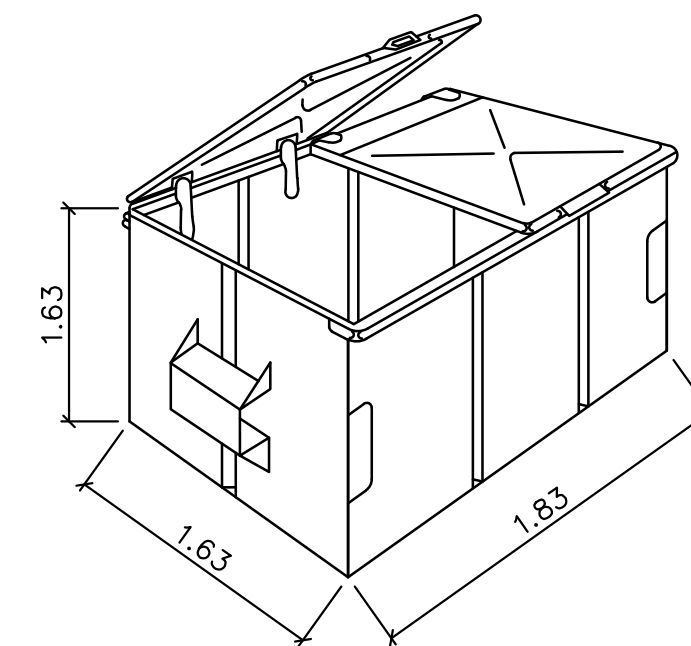
TRASH ONLY
DUMPSTER SIGN SPECS

- 5/8" PAINTED BOARD
- 6" METAL HANGER
- RED LETTERS

RECYCLING
MATERIALS

- 5/8" PAINTED BOARD
- 6" METAL HANGER
- RED LETTERS

FRONT VIEW



DETAIL "A"

DUMPSTER AND RECYCLING AREA DETAILS
SCALE: NTS



PROJECT SIGN DETAILS
SCALE: NTS

CES PLAN NOTES

1. THE CONTRACTOR SHALL PROTECT ALL CATCH BASINS, SWALES AND CHANNELS NEAR THE PROJECT AREA THAT COULD BE POTENTIALLY IMPACTED, PRIOR TO START ANY EXCAVATION. ALL MEASURES CAN BE REMOVED WHEN THE LOCAL CONSTRUCTION BE COMPLETED.
2. CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES IN THE PROJECT AREAS THAT COULD BE POTENTIALLY IMPACTED PRIOR TO START ANY CONSTRUCTION ACTIVITIES IN THAT AREA. THE CONTRACTOR COULD REMOVE THE CONTROL MEASURES WHEN THE AREA IS FULLY STABILIZED AS DETERMINED BY THE CES PLAN INSPECTOR.
3. CONTRACTOR SHALL INSPECT SEDIMENT BARRIERS AFTER EACH RAIN EVENT.REPAIRS SHALL BE DONE AS SOON AS POSSIBLE.SEDIMENT SHALL BE REMOVED FROM THE BARRIERS WHEN THEY REACH HALF THE HEIGHT OF THE BARRIER.
4. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE STABILIZED CONSTRUCTION ENTRANCE AS DETAILED ON THIS PLAN.
5. THE CONTRACTOR SHALL MAINTAIN A WATER TANK TRUCK TO SPRAY IT AROUND THE WORKING AREAS WHEN NEEDED OR WHEN THE PROJECT INSPECTOR REQUIRES IT. A WATER HOSE WILL BE INSTALLED NEAR STABILIZED CONSTRUCTION ENTRANCE TO WASH THE CONSTRUCTION VEHICLES WHEELS.
6. THE CONTRACTOR SHALL STRICTLY FOLLOW THE GUIDELINES STATED AT THE CES PLAN APPROVED BY THE ENVIRONMENTAL QUALITY BOARD.
7. THE CONTRACTOR SHALL DISPOSE ALL WASTE MATERIALS AT AN APPROVED LANDFILL.
8. THE CONTRACTOR SHALL RESTORE PAVED AREAS AND RE-SEED GRASS AREAS AS SOON AS POSSIBLE OR AS INSTRUCTED BY THE PROJECT INSPECTOR.
9. ANY MODIFICATION PROPOSAL TO THE CES PLAN SHALL BE CONSULTED WITH THE DESIGNER IN ORDER TO AMEND THE APPROVED PLAN.
10. A SIGN SHALL BE INSTALLED AT EACH PROJECT ENTRANCE AS PER CONSOLIDATED GENERAL PERMIT CONDITION NUMBER 2.
11. CONTRACTOR CAN CHOOSE TO INSTALL DIFFERENT METHODS TO ACHIEVE THE REQUIRED PERFORMANCE.



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PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

NO.	DESCRIPTION	DATE
1	30% CD	10/11/22
2	60% CD	01/31/23
3	90% CD	03/29/23

DATE ISSUED: 08/05/22

REVIEWED BY: LMR

DRAWN BY: AMC

DESIGNED BY: LMR

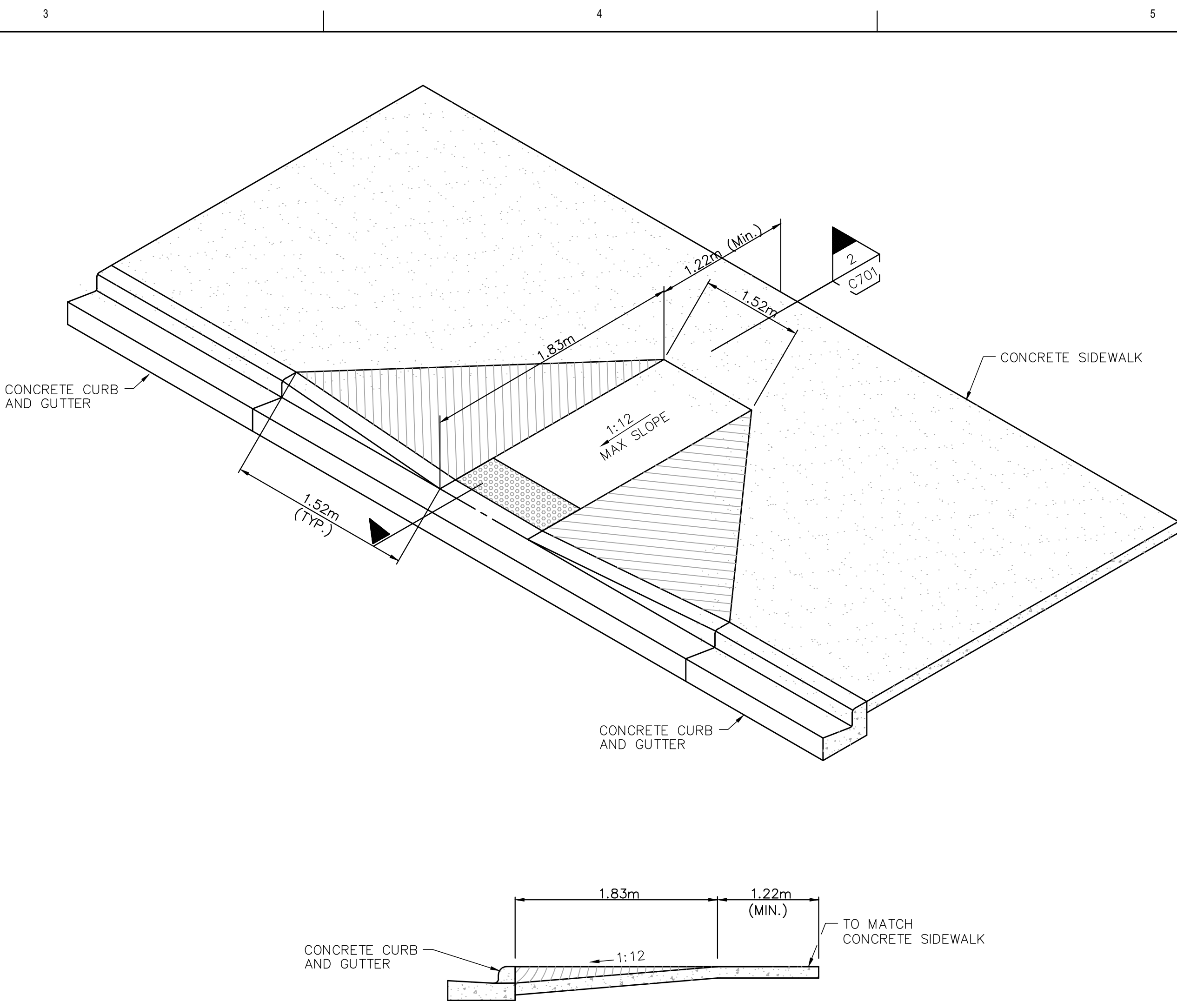
BRA PROJECT NUMBER: 22010

SHEET TITLE

EROSION AND
SEDIMENTATION
CONTROL
DETAILS

SHEET ID

C490



NOTE:

1. REFER TO PRHTA STANDARD DRAWINGS – ADA SERIES FOR ADDITIONAL DETAILS, NOTES AND SPECIFICATIONS FOR HC RAMPS. PRHTA STANDARD DRAWING ADA-01 FOR DETECTABLE WARNING FIELD SPECIFICATIONS AND INSTALLATION NOTES.



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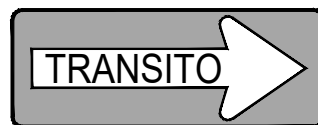
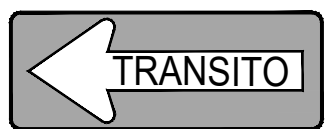
 **BR&A** LLC
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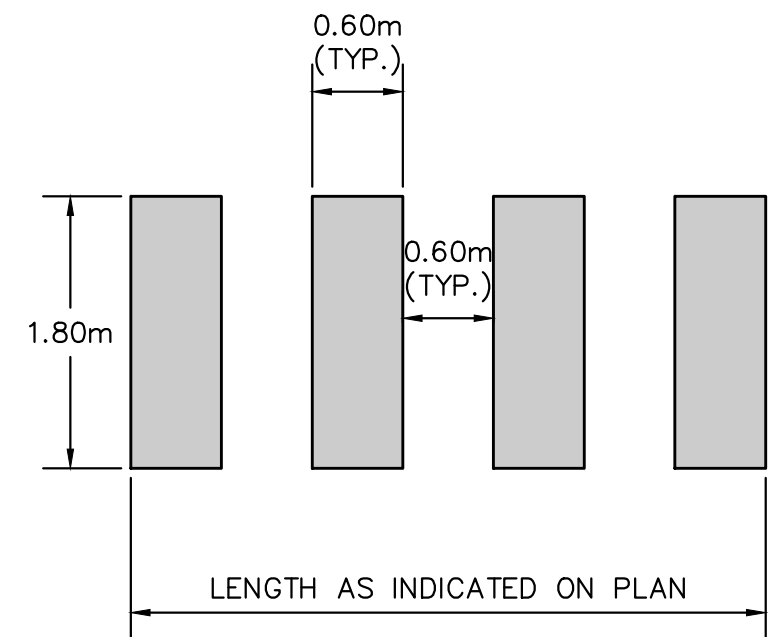
3100 Rd. 199 SUITE 203
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Office Telephone:
(787) 707-1717
[br@brapr.com](http://brapr.com)

[illegible]

MISCELLANEOUS DETAILS

C701

CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
1		W11-2 W16-7P		36" X 36" 24" X 12"	N/A	M.U.T.C.D. 2009	4
2		R1-1		30" X 30"	N/A	SEE D.T.P.W. MANUAL	2
3		R6-1R		30" X 12"	N/A	SEE D.T.P.W. MANUAL	
4		M1-6		30" X 12"	N/A	SEE D.T.P.W. MANUAL	



PEDESTRIAN CROSSING DETAIL
SCALE: NTS

OWNER



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YO, LUZ M. RODRIGUEZ TORRES, CL. 17504, CERTIFICO QUE SOY EL PROPIETARIO QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO LOS DICHOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, QUE ESTÁN DE ACUERDO CON LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LO QUE SE LE OTORGA EL DERECHO DE PROTECCIÓN DE DISEÑO INDUSTRIAL PUERTO RIQUEÑO Y CON LA LEY NÚM. 319 DEL 15 DE JULIO DE 2007, SEGÚN ENMIENDA, SEGÚN APUÑEQUE RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO PORQUE NO SE HAYAN VERIFICADO LAS DICHAS DECLARACIONES, POR LOS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

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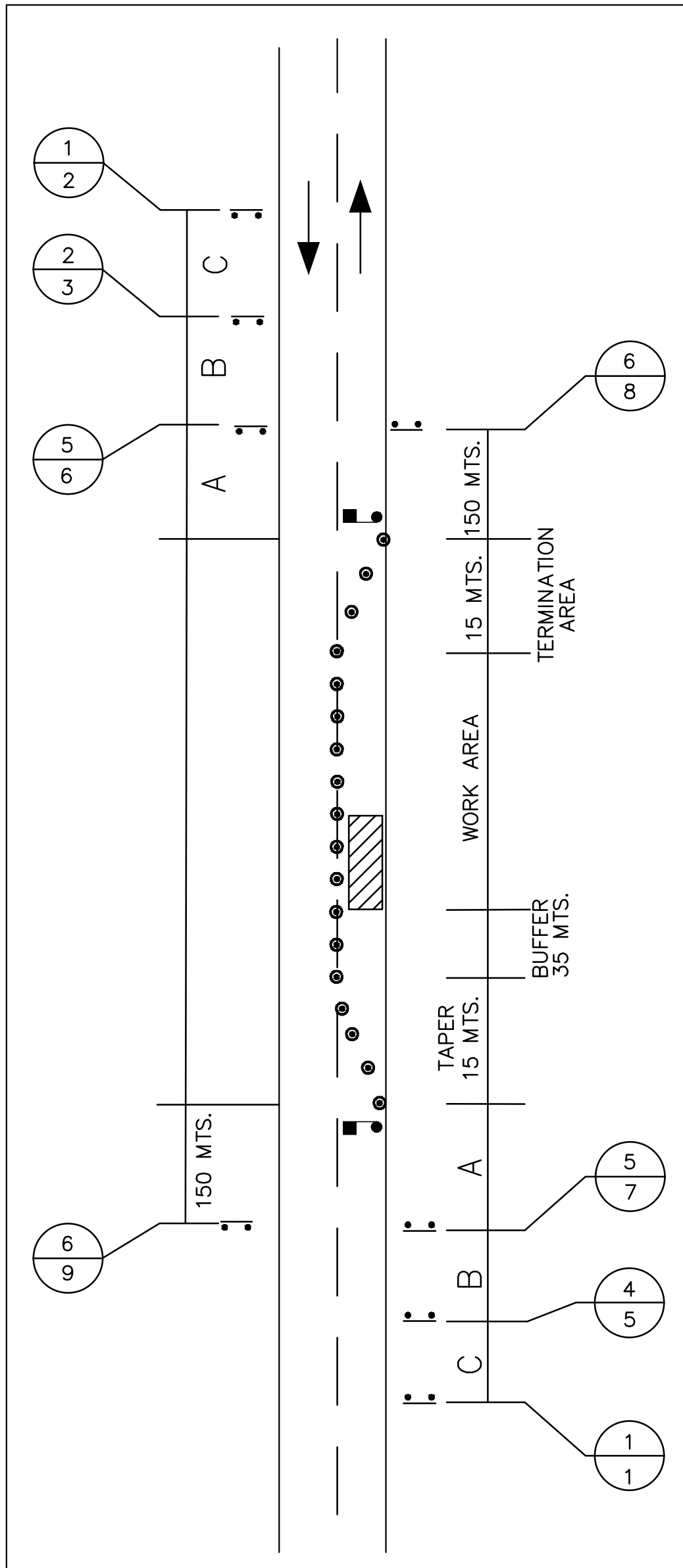
DATE ISSUED:	08/05/22
REVIEWED BY:	LMR
DRAWN BY:	AMC
DESIGNED BY:	LMR
BRA PROJECT NUMBER:	22010

MISCELLANEOUS DETAILS

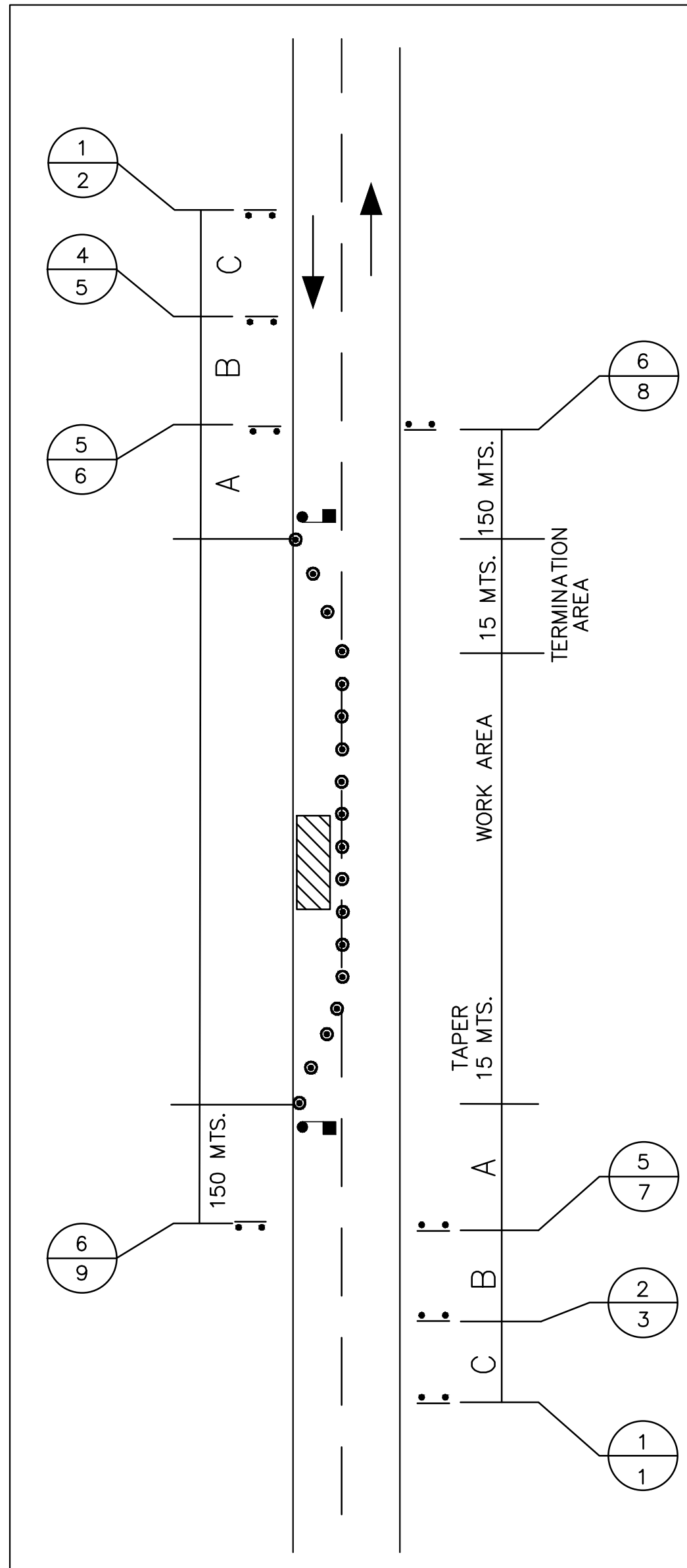
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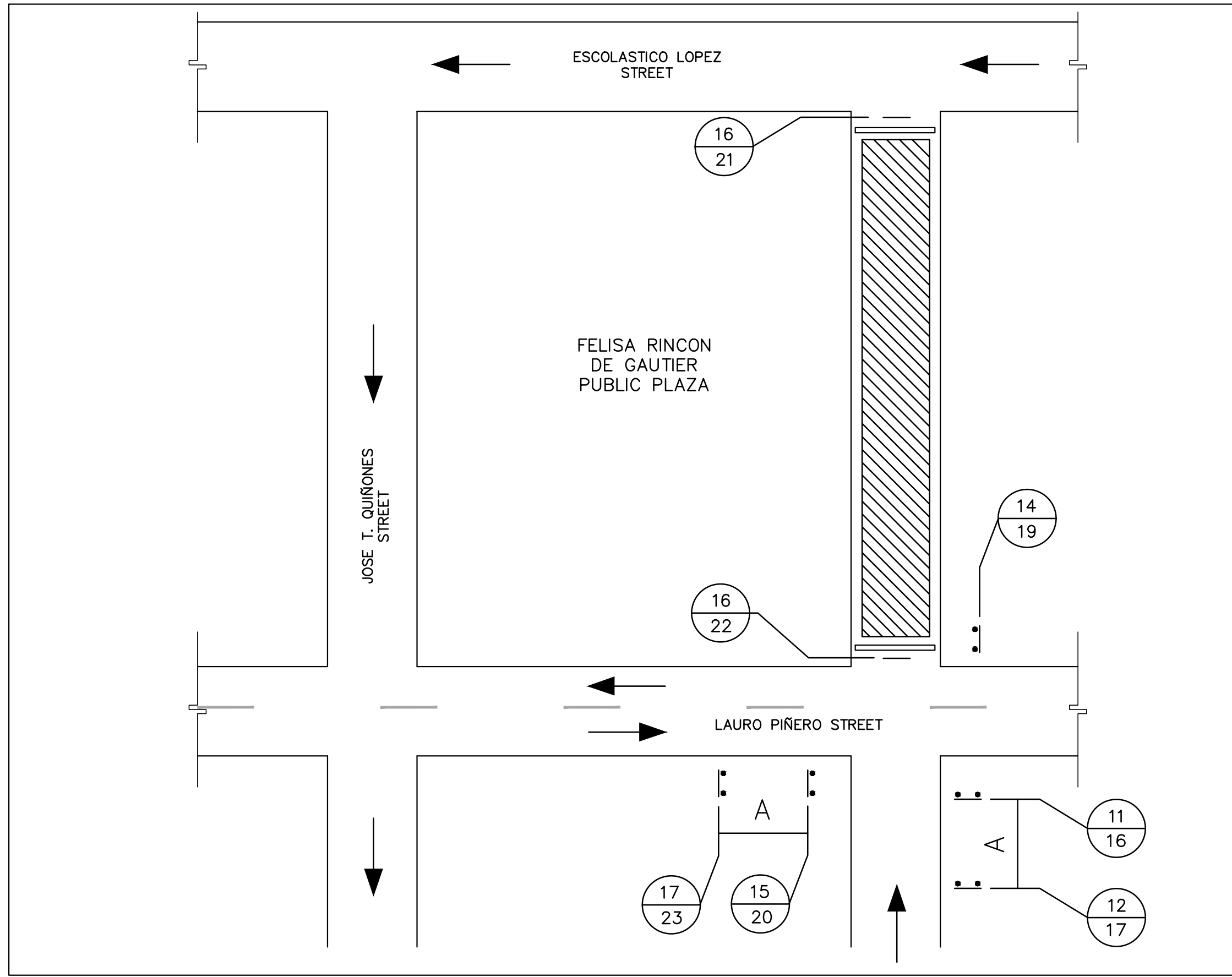
TYPICAL APPLICATION I
RIGHT LANE CLOSURE



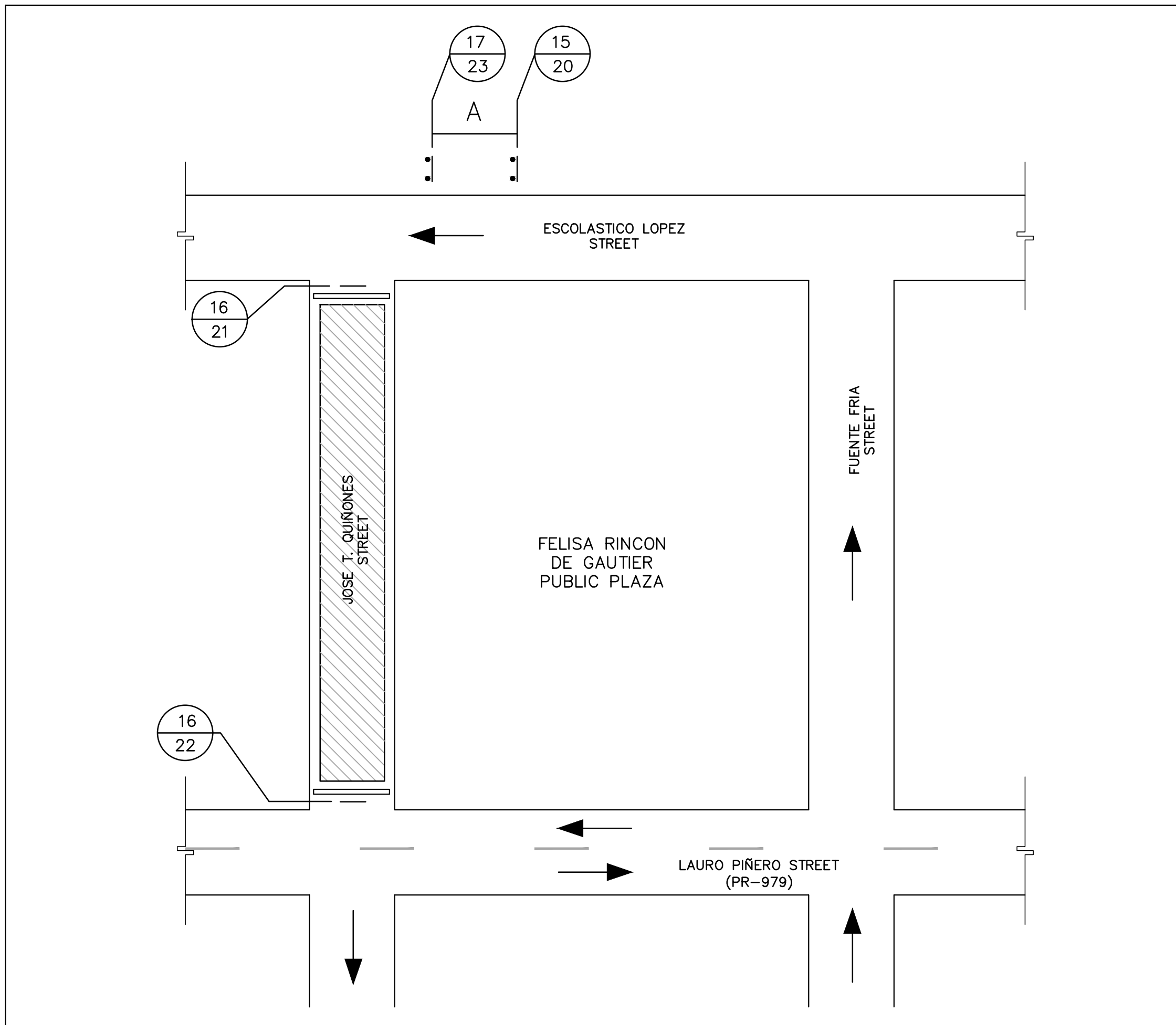
TYPICAL APPLICATION II
LEFT LANE CLOSURE



TYPICAL APPLICATION III
LANE CLOSURE



TYPICAL APPLICATION IV
LANE CLOSURE

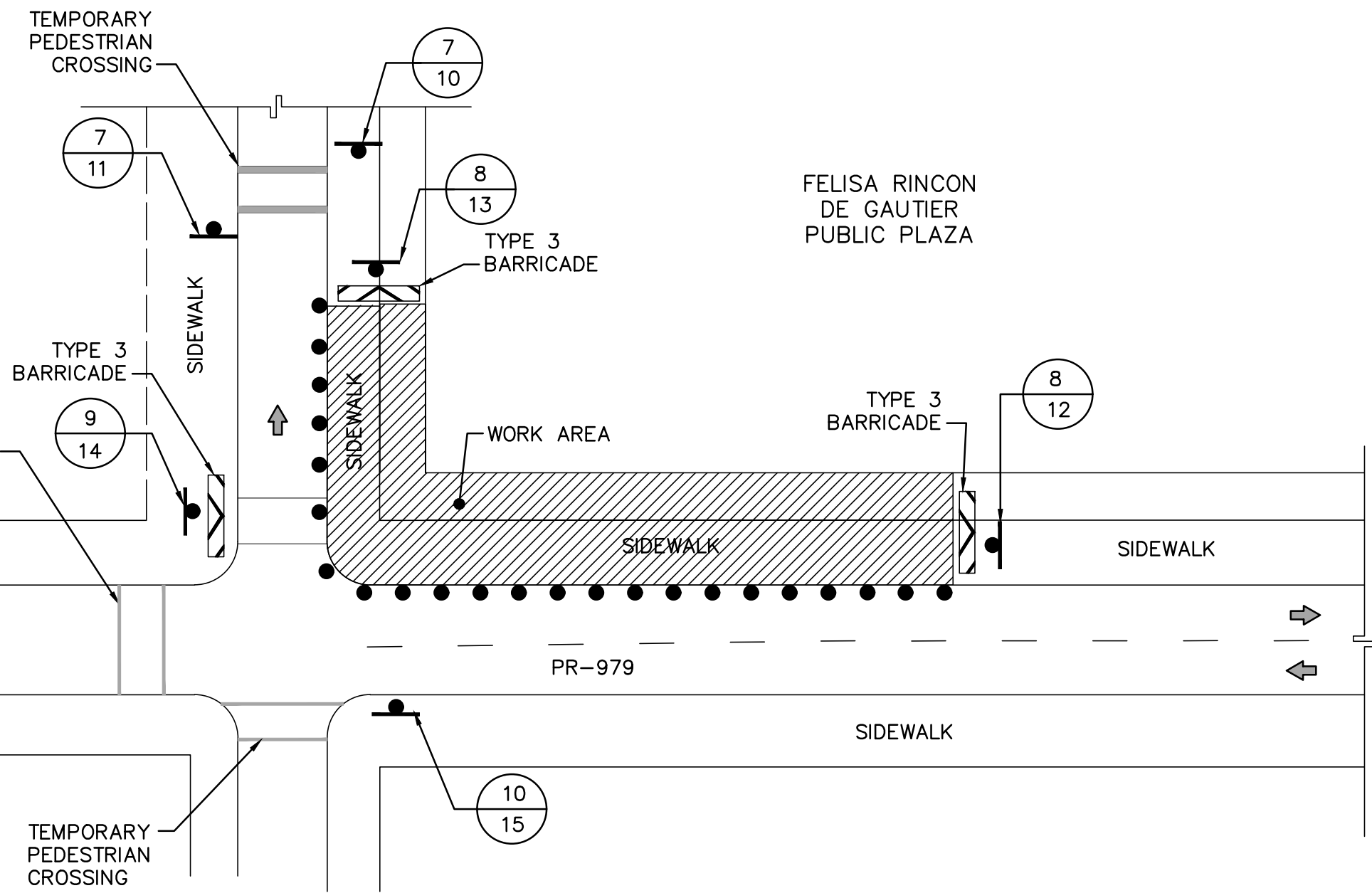


LEGEND:

- TRAFFIC SIGN LOCATION
- CODE NUMBER
- LOCATION NUMBER
- PLASTIC DRUMS
- AREA UNDER CONSTRUCTION
- TRAFFIC DIRECTION
- FLAGGER
- TYPE 3 BARRICADE

NOTES:

- FOR MAINTENANCE OF TRAFFIC NOTES & LEGEND REFER TO MOT-1.
- MAINTENANCE OF TRAFFIC APPLICATIONS SHALL COMPLY WITH MUTCD 2009 MANUAL.
- TEMPORARY CONCRETE BARRIERS INSTALLATION DETAILS, REFER TO PRHTA STD. DWGS. MTP SERIES.
- REFER TO DWG. MOT-3 FOR CONSTRUCTION SIGNS TABLE.
- TYPICAL APPLICATIONS I & II TO BE IMPLEMENTED DURING THE ELECTRICAL LINE INSTALLATION ON DIAZ WAY STREET.



CROSSWALK CLOSURES AND
PEDESTRIAN DETOUR (TYP.)



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YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTENDIENDO QUE DICHO 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 JURISDICCION, CERTIFICO, ADemás, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 315 DEL 15 DE MAYO DE 1998, SEGÚN ENMIENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA; SEGÚN APLICUELO RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA, FALSIFICACIONES 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 CONDOMINIO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA DOPE.

PROJECT INFORMATION
PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA		PUERTO RICO	
		REVISIONS	
NO.	DESCRIPTION	DATE	
1	30% CD	10/11/22	
2	60% CD	01/31/23	
3	90% CD	03/29/23	

DATE ISSUED: 08/05/22
REVIEWED BY: LMR
DRAWN BY: AMC
DESIGNED BY: LMR
BRA PROJECT NUMBER: 22010
SHEET TITLE

MAINTENANCE OF
TRAFFIC TYPICAL
APPLICATIONS

SHEET ID

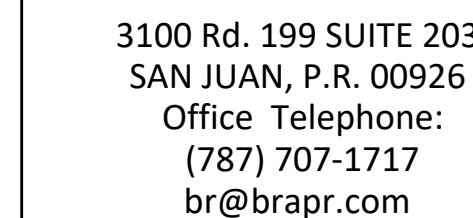
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CONSTRUCTION SIGNS (CONT.):

CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
14	19	R3-1		24" X 24"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1
15	20	R3-2		24" X 24"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1
16	21,22	R11-2		48" X 30"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	2
17	23	M4-9		42" X 14"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	—

NOTES:

1. FOR MAINTENANCE OF TRAFFIC NOTES & LEGEND REFER TO DWG. MOT/
2. MAINTENANCE OF TRAFFIC APPLICATIONS SHALL COMPLY WITH MUTCD 2009 MANUAL.

[illegible]

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

[illegible]

DATE ISSUED:	08/05/22
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REVIEWED BY: LMR

DRAWN BY: AMC

DESIGNED BY: LMR

BRA PROJECT NUMBER: 22010

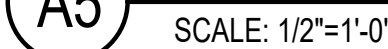
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MAINTENANCE OF TRAFFIC TRAFFIC SIGN TABLES

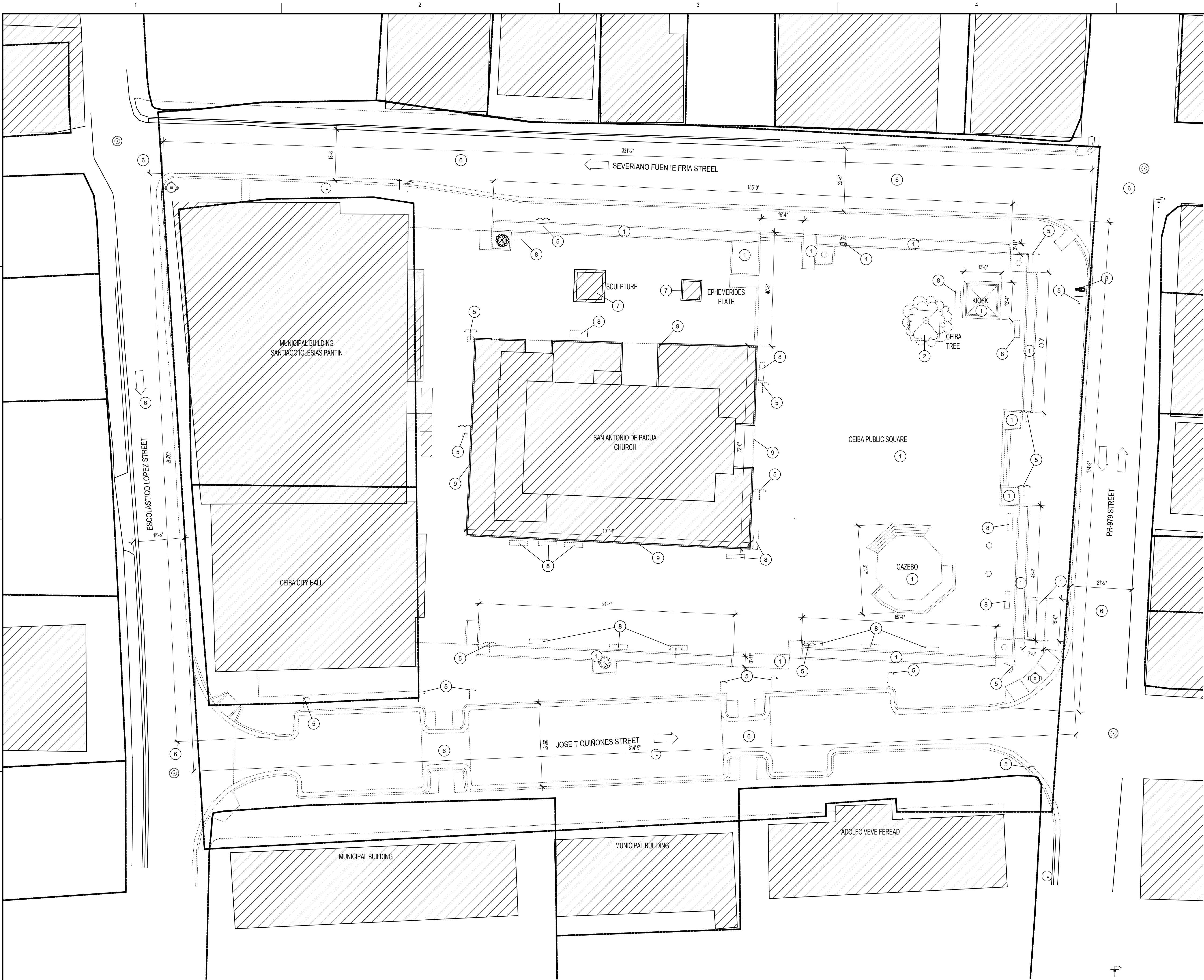
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MOT3

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

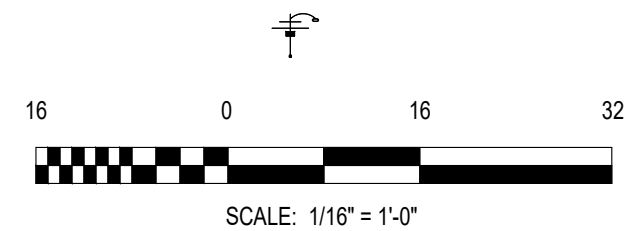
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A1

EXISTING CONDITIONS & SELECTIVE DEMOLITION SITE PLAN

SCALE: 1/16"=1'-0"



LEGEND & SHEET NOTES

- EXISTING TO REMAIN
- EXISTING TO BE DEMOLISHED AND DISPOSED
- PROPERTY LIMIT

GENERAL SHEET NOTES

- ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.
- THIS IS NOT A SURVEY PLAN
- THIS IS NOT A PROPERTY LIMIT STUDY

SHEET KEYNOTES ()

- COMPLETELY DEMOLISH. DEMOLISH PLANTER AT A MAXIMUM OF 4" FROM FINISH GRADE AND/OR DEMOLISH SLAB AT A MAXIMUM OF 4" FROM FINISHED LEVEL. DISPOSE DEMOLISH MATERIAL.
- EXISTING TREE TO BE CAREFULLY REMOVED AND RELOCATED. COORDINATE WITH OWNER. REFER TO LANDSCAPE DRAWINGS.
- EXISTING WATER METER TO REMAIN. REFER TO CIVIL DRAWINGS
- EXISTING ELECTRICAL METER TO BE RELOCATED. REFER TO ELECTRICAL DRAWINGS.
- EXISTING STREET LAMP TO BE REPLACED. REFER TO SPECIFICATIONS FOR DETAILS. REFER TO CIVIL DRAWINGS.
- EXISTING STREET TO BE PARTIALLY DEMOLISHED. REFER TO CIVIL DRAWINGS FOR DETAILS.
- EXISTING MONUMENT TO REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION. COORDINATE WITH OWNER.
- EXISTING BENCH TO BE REMOVED AND DISPOSED.
- EXISTING FENCE AND SUPPORT TO BE REMOVED, NO PERFORATION UNDER 4" ABOVE FINISH FLOOR TO BE DONE.

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alvarezdiazvillalon.com
info@advfirm.com

SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
B	60% DESIGN DEVELOPMENT	09.23.2022
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023

REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

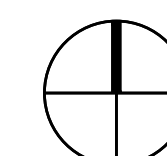
SHEET TITLE

EXISTING CONDITIONS & SELECTIVE DEMOLITION SITE PLAN

SHEET ID

ASD100

CONSTRUCTION DOCUMENTS



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PROJECT INFORMATION

**REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO**

DATE ISSUED:	03.15.2023
REVIEWED BY:	GR
DRAWN BY:	JHR
DESIGNED BY:	JCR
PROJECT NUMBER:	22019

SHEET ID

AS100

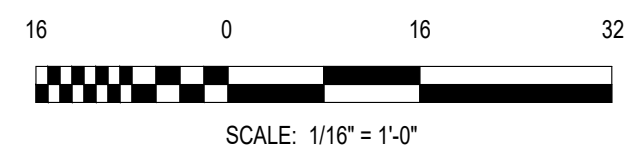
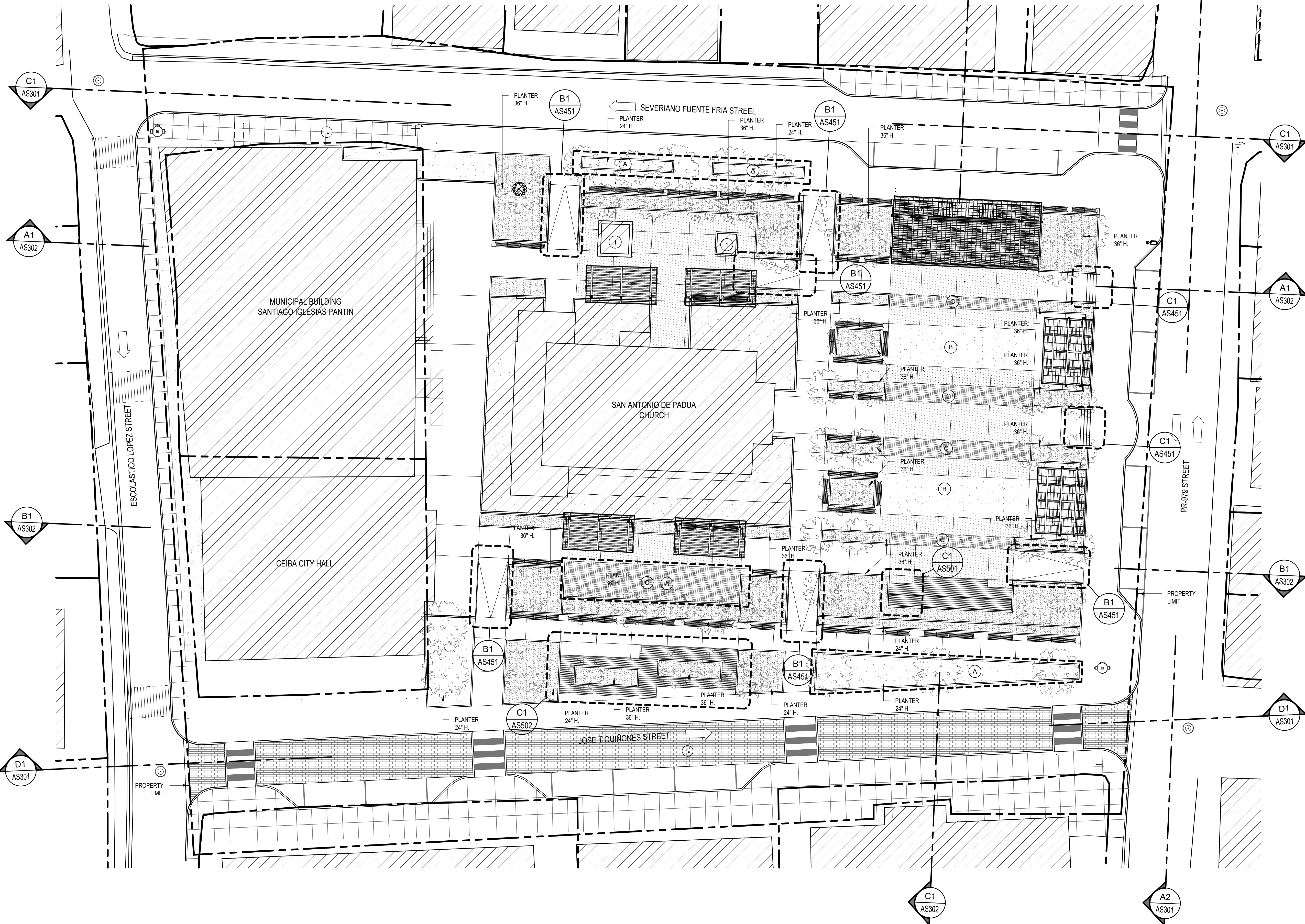
CONSTRUCTION DOCUMENTS

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\ID\22019-AS101.dwg

A1

OVERALL ARCHITECTURAL SITE PLAN - TOP VIEW (ROOF PLAN)

SCALE: 1/16"=1'-0"



LEGEND & SHEET NOTES

- GRASS
- VEGETATION

GENERAL SHEET NOTES

- ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.
- THIS IS NOT A SURVEY PLAN
- THIS IS NOT A PROPERTY LIMIT STUDY
- CG TO VERIFY ALL EXISTING CONDITION DIMENSION IN FIELD
- REFER TO SHEET AS102 FOR HARDSCAPE AND FLOOR FINISHES
- REFER TO SHEET AS103 FOR SITE FURNISHINGS
- REFER TO SHEET AS104 FOR SITE LIGHTING
- REFER TO SHEET AS105 FOR SITE ART INSTALLATIONS
- REFER TO SHEET AS106 FOR TRELLIS, PORTALS AND STAGE
- REFER GRADING PLAN TO SHEET C300
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO COMMENCING WORK.

SHEET KEYNOTES ()

- A. PROPOSED OUTDOOR ART INSTALLATION BY OTHERS
- B. GRASS
- C. GRASS PAVERS

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PROPOSER

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SEAL

YO, MONIQUE LUISA LOPEZ, LIC. 19182, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTENDO QUE DICHO DISEÑO Y/O ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, ANTAJAS REGLAMENTARIAS O CORPORACIONES PUBLICAS CON JURISDICCION CERTIFICADO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CARAMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DEL 8 DE ENERO DE 2004, SEGUN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUENA Y CON LA LEY NUM. 30 DEL 15 MAYO DE 1988, SEGUN ENMIENDADA, LEY NUM. 86 DEL 6 DE JULIO DE 1978, SEGUN ENMIENDADA, SEGUN APLIQUE, RECONOCIENDO QUE CUALQUIER DECLARACION FALSA O FALSIFICACIONES DE LOS REGISTROS QUE SE HAYA PRODUCCION POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACIA RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGE.

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
B	60% DESIGN DEVELOPMENT	09.23.2022
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023

REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

SHEET TITLE

OVERALL
ARCHITECTURAL SITE
PLAN - TOP VIEW
(ROOF PLAN)

SHEET ID

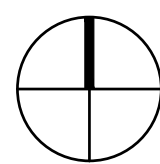
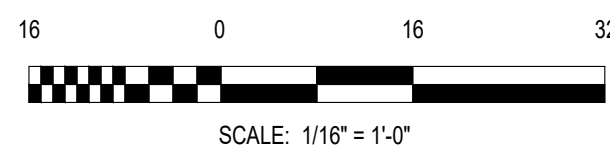
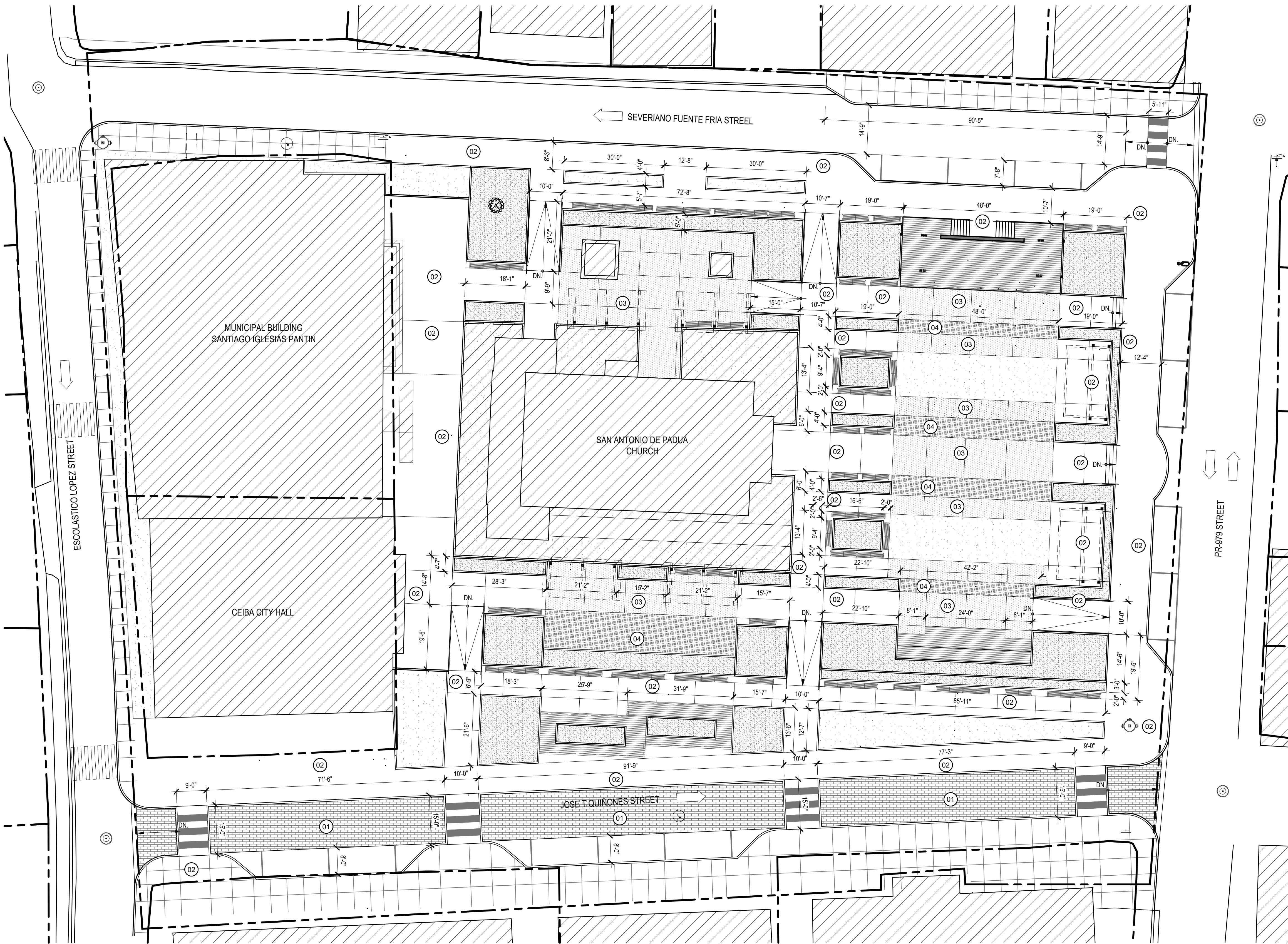
AS101

CONSTRUCTION DOCUMENTS

A1

OVERALL ARCHITECTURAL SITE PLAN - HARDSCAPE FLOOR FINISHES

SCALE: 1/16"=1'-0"



EXTERIOR ELEMENTS - FLOORS					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		PAVING TEXTURE DIMENSIONS: 2'-0" x 4'-0"			MATERIAL: STAMPED CONCRETE COLOR: DARK GREY EQUAL OR SIMILAR
02		BROOM FINISH PAVING TEXTURE			MATERIAL: CONCRETE COLOR: LIGHT GREY GRANITE EQUAL OR SIMILAR
03		BROOM FINISH PAVING TEXTURE			MATERIAL: CONCRETE COLOR: DARK GREY EQUAL OR SIMILAR
04		GRASS PAVERS 3/8" INTERLOCKING PERMEABLE PAVERS			MATERIAL: CONCRETE GRID PAVERS GRASS EQUAL OR SIMILAR

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SEAL

YO, MONIQUE LUISO LOPEZ, LIC. 19182, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTiendo QUE DICHS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, ASITAS REGULATORIAS O CORPORACIONES PUBLICAS CON JURISDICCION CERTIFICADO. ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CARAMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGUN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUENA Y CON LA LEY NÚM. 30 DEL 15 MAYO DE 1998, SEGUN ENMIENDADA, LEY NÚM. 86 DEL 6 DE JULIO DE 1978, SEGUN ENMIENDADA, SEGUN APLIQUE, RECONOCIDO QUE CUALQUIER DECLARACION FALSA O FALSIFICACIONES DE LOS REGISTROS 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 DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGP.

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023

REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

SHEET TITLE

OVERALL
ARCHITECTURAL SITE
PLAN - HARDSCAPE
FLOOR FINISHES

SHEET ID

AS102

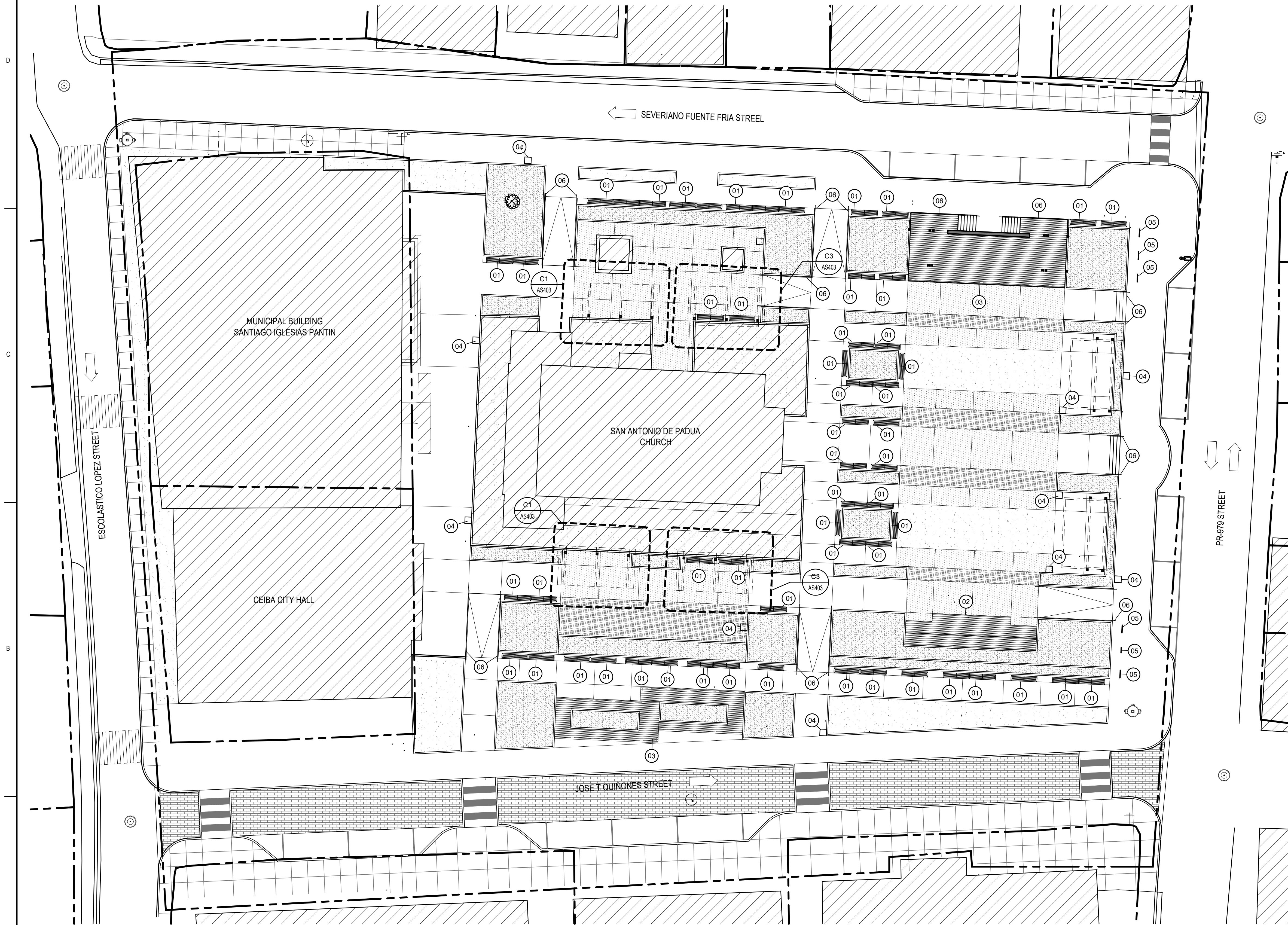
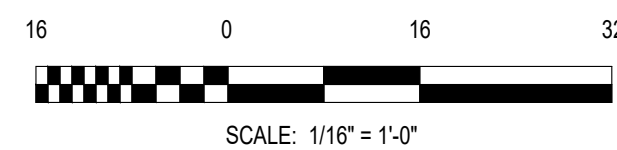
CONSTRUCTION DOCUMENTS

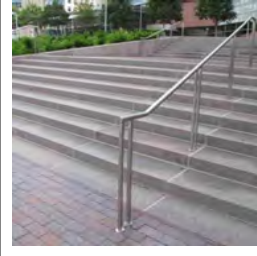
7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS103.dwg

A1

OVERALL ARCHITECTURAL SITE PLAN - SITE FURNISHINGS

SCALE: 1/16"=1'-0"



EXTERIOR ELEMENTS - FURNISHING					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL / COLOR	MATERIAL
01		CONTINUOUS BACKLESS BENCH	CITY PARK EQUIPMENT	DUMOR MODEL: W623-63PL COLOR: "REDWOOD" RECYCLED PLASTIC TEXTURED CHARCOAL	RECYCLED PLASTIC BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
02		CUSTOM PLATFORM BENCH	N/A	N/A	RECYCLED PLASTIC MATERIAL EQUAL OR SIMILAR TO MODEL W623-63PL METAL BAKED-ON POLYESTER POWDER FINISH COLOR: TEXTURE CHARCOAL EQUAL OR SIMILAR TO MODEL W623-63PL
03		CUSTOM STAGE	N/A	N/A	RECYCLED PLASTIC MATERIAL EQUAL OR SIMILAR TO MODEL W623-63PL METAL BAKED-ON POLYESTER POWDER FINISH COLOR: TEXTURE CHARCOAL EQUAL OR SIMILAR TO MODEL W623-63PL
04		TRASH BINS	CITY PAK EQUIPMENT	DUMOR MODEL: 302-32PL-BT COLOR: "REDWOOD" RECYCLED PLASTIC TEXTURED CHARCOAL	INSTALLATION AND ANCHOR AS PER MANUFACTURER SPECS RECYCLED PLASTIC BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
05		LOOP BIKE RACKS	CITY PAK EQUIPMENT	DUMOR MODEL: 83 SERIES COLOR: TEXTURED CHARCOAL	INSTALLATION AND ANCHOR AS PER MANUFACTURER SPECS BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
06		STAINLESS STEEL HANDRAIL	PIN METAL STAIRS	STAINLESS STEEL OUTDOOR HANDRAIL	REFER TO A461 FOR INSTALLATION STAINLESS STEEL BRUSHED EQUAL OR SIMILAR



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SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
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E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023

REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

SHEET TITLE

ARCHITECTURAL
SITE PLAN - SITE
FURNISHINGS

SHEET ID

AS103

CONSTRUCTION DOCUMENTS

AS103

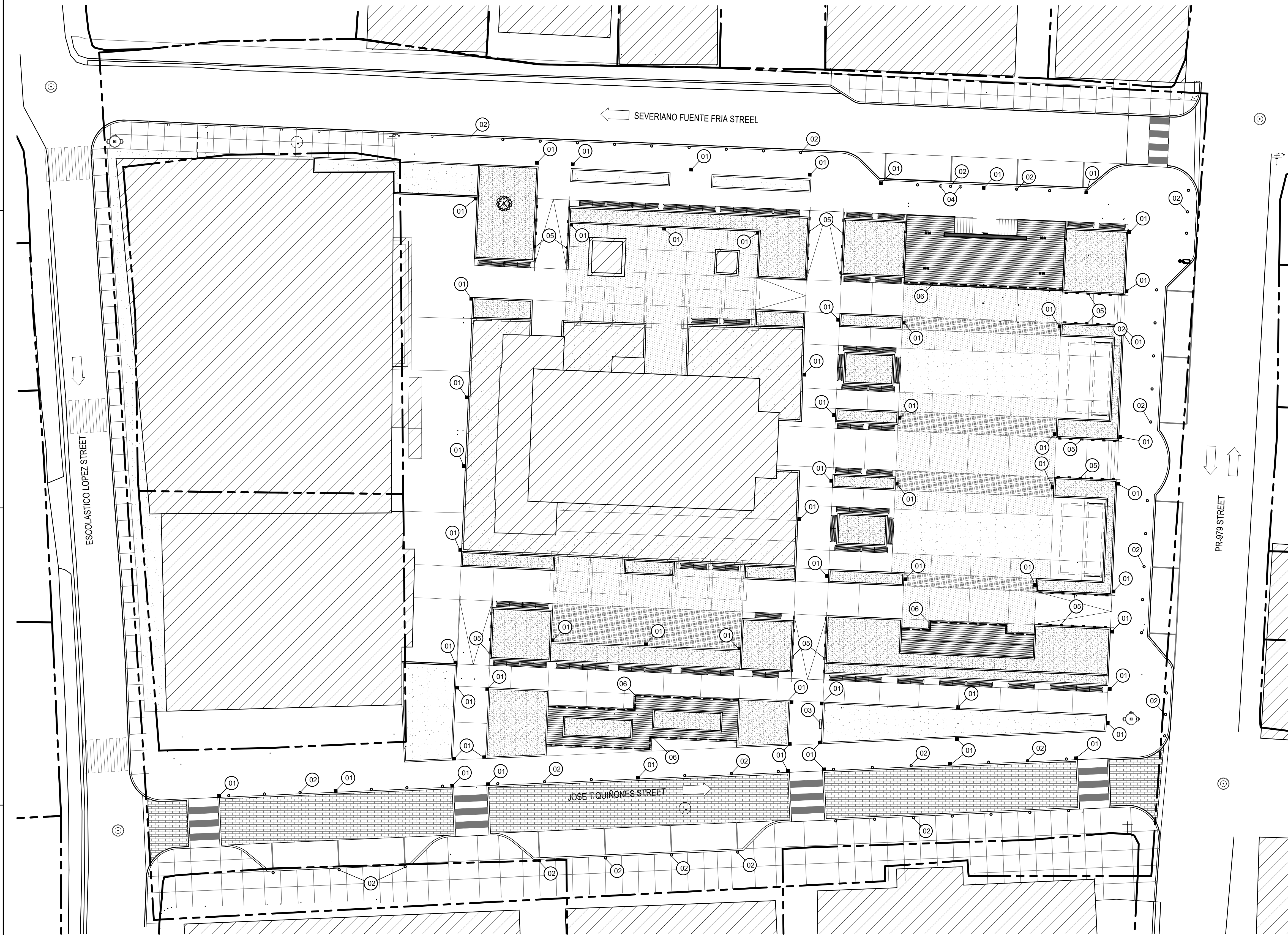
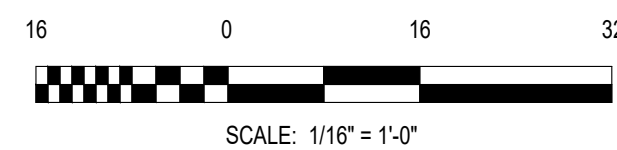
CONSTRUCTION DOCUMENTS

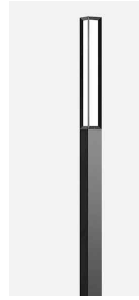
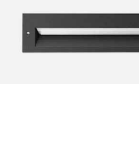
7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS104.dwg

A1

OVERALL ARCHITECTURAL SITE PLAN - LIGHTING

SCALE: 1/16"=1'-0"



EXTERIOR ELEMENTS - LIGHTING					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		PEDESTRIAN LIGHTING DIMENSIONS: H: 4.20M	BEGA	84 875	MONOCRYSTALLINE SOLAR MODULE EFFICIENCY: 22% LED- UP TO 50W LED EFFICIENCY: UP TO 200 LM / W POLE HEIGHT: 4.20MLED HEIGHT: 4.10M MATERIAL: MONOCRYSTALLINE COLOR: DARK GREY EQUAL OR SIMILAR
02		BOLLARDS PEDESTRIAN LIGHTING BOLLARDS	BEGA	84 666	BOLLARD LED OUTDOOR STELLA 7W EQ. 80W IP44 MATERIAL: CAST ALUMINUM COLOR: DARK GREY 7W EQUAL OR SIMILAR
03		URANUS OUTDOOR ADVERTISING BILLBOARD DIMENSIONS: H: 2.70M	URANUS	TO BE DETERMINED	SOLAR PERFORMANCE: 315 WP / MONOCRYSTALLINE SOLAR MODULE EFFICIENCY: 22% BATTERY: LIFEPA 96 AH 1152 W MATERIAL: CAST ALUMINUM COLOR: TOASTED SAND OR EQ. EQUAL OR SIMILAR
04		ELECTRIC CAR CHARGER ROUGH IN			*REFER TO ELECTRICAL PLANS
05		STEP LIGHTS RAMP AND STAIRCASE LIGHTING	BEGA	33 064	REFER TO CALLOUT FOR MORE DETAILS DIE-CAST ALUMINUM MARINE GRADE, COPPER FREE (90.3% COPPER CONTENT) A360.0 ALUMINUM ALLOY CLEAR SAFETY GLASS EQUAL OR SIMILAR
06		COVE LIGHTS	TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL
CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS
AND LIGHTING FIXTURE.



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SEAL

NO. MONIQUE LUSO LOPEZ, L.C. 1948, CERTIFICADO QUE SOY EL PROFESIONAL
QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS
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QUE DICHO PLAN Y/O ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES
APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES
DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS
AGENCIAS, ANTES REGLAMENTARIAS O CORPORACIONES PÚBLICAS CON
JURISDICCION CERTIFICADO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS
PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CARAMENTE CON LO
DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA,
CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA
PUERTO RIQUEÑA Y CON LA LEY NÚM. 30 DEL 15 MAYO DE 1998, SEGÚN
ENMIENDADA LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, SEGÚN
APLQUE, RECONOCIENDO QUE CUALQUIER DECLARACIÓN FALSA O
FALSIFICACIONES DE LOS REGISTROS QUE SE HAYA PRODUCCO 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 OGPPE.

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

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REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

SHEET TITLE

ARCHITECTURAL SITE
PLAN - LIGHTING

SHEET ID

AS104

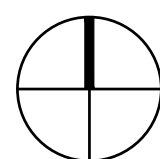
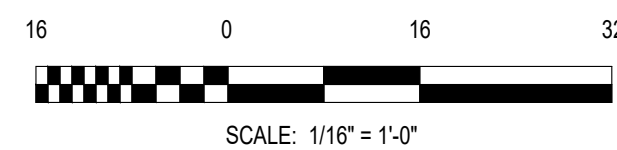
CONSTRUCTION DOCUMENTS

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A1

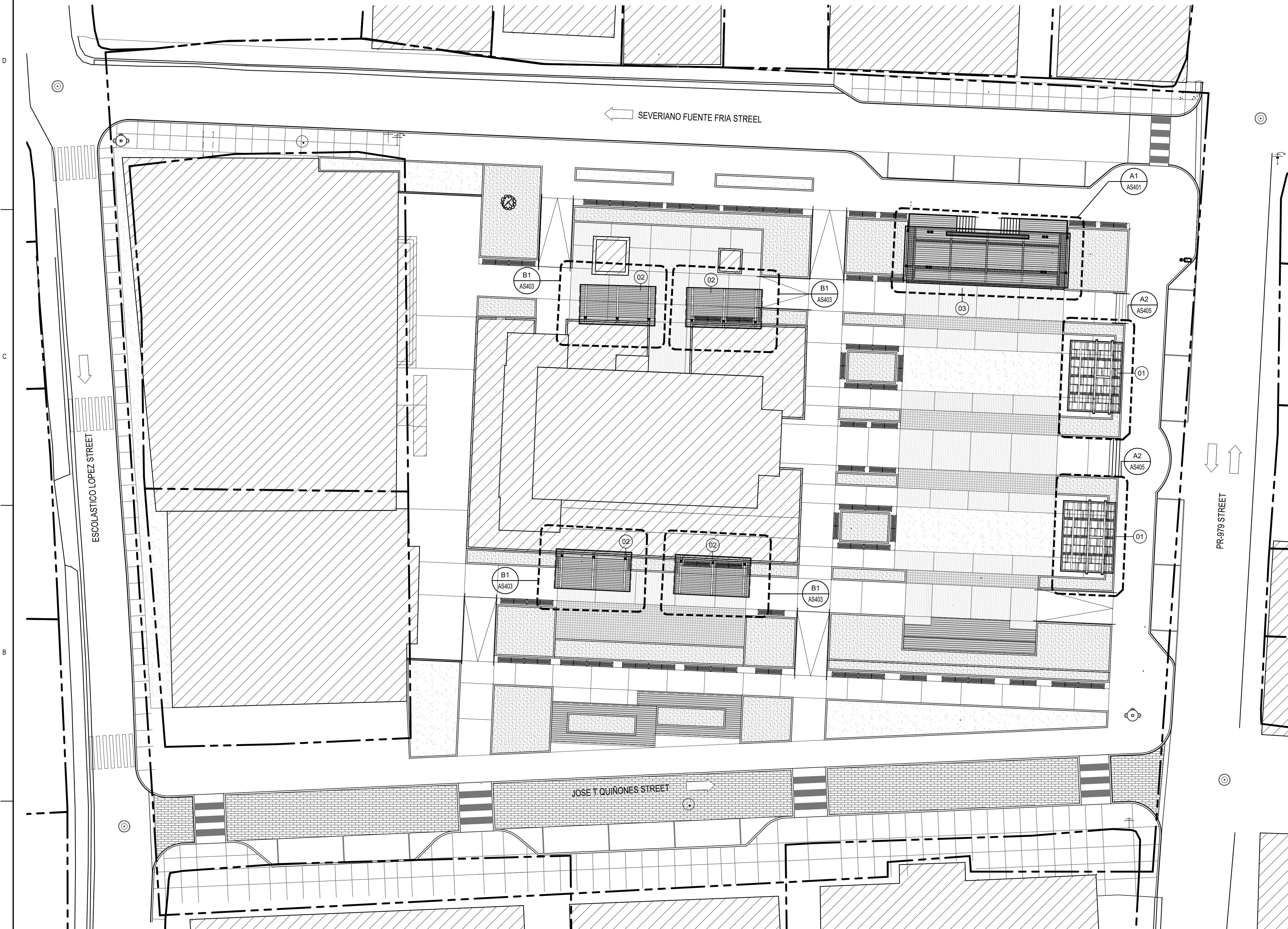
ARCHITECTURAL SITE PLAN - TRELLISES, PORTALS, STAGE

SCALE: 1/16"=1'-0"



AS106

CONSTRUCTION DOCUMENTS



EXTERIOR ELEMENTS - TRELLIS

ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		CUSTOM KIOSK TRELLIS PORTAL FRAME	N/A	N/A	MATERIAL: COMPOSITE WOOD ROOF METAL COLOR: COMPOSITE WOOD WITH TINT EQUAL OR SIMILAR TO DUMOR RECYCLED PLASTIC "REDWOOD" METAL: TEXTURED CHARCOAL EQUAL OR SIMILAR
02		CUSTOM OPEN AIR ROOF SYSTEM	N/A	N/A	MATERIAL: COMPOSITE WOOD ROOF METAL COLOR: COMPOSITE WOOD WITH TINT EQUAL OR SIMILAR TO DUMOR RECYCLED PLASTIC "REDWOOD" METAL: TEXTURED CHARCOAL EQUAL OR SIMILAR
03		CUSTOM OPEN AIR STAGE ROOF SYSTEM	N/A	N/A	MATERIAL: COMPOSITE WOOD ROOF METAL COLOR: COMPOSITE WOOD WITH TINT EQUAL OR SIMILAR TO DUMOR RECYCLED PLASTIC "REDWOOD" METAL: TEXTURED CHARCOAL EQUAL OR SIMILAR



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SEAL

YO, MONIQUE LUIS LOPEZ LUC, 1948, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTiendo QUE DICHS 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, ANTES REGLAMENTARIAS O CORPORACIONES PUBLICAS CON JURISDICCION CERTIFICADO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 39 DEL 15 MAYO DE 1988, SEGÚN ENMIENDA LEY NÚM. 86 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDA, SEGÚN APLIQUE, RECONOCIENDO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS REGISTROS 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 OGPPE.

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
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DRAWN BY: JHR

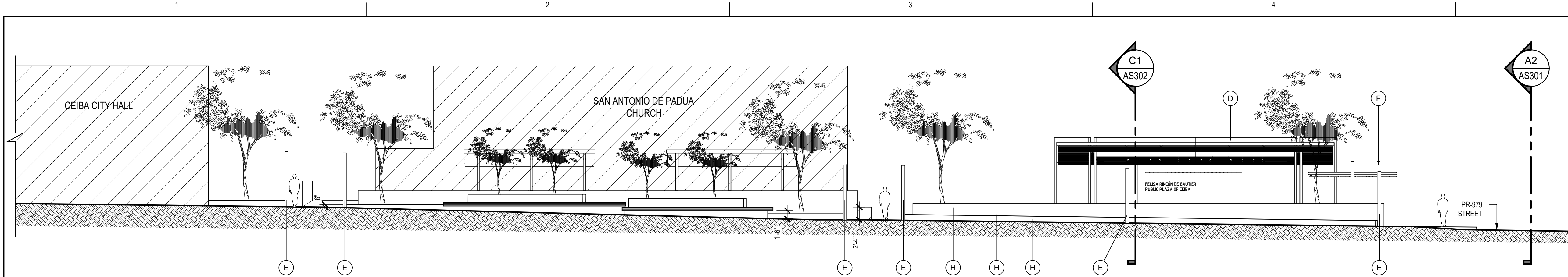
DESIGNED BY: JCR

PROJECT NUMBER: 22019

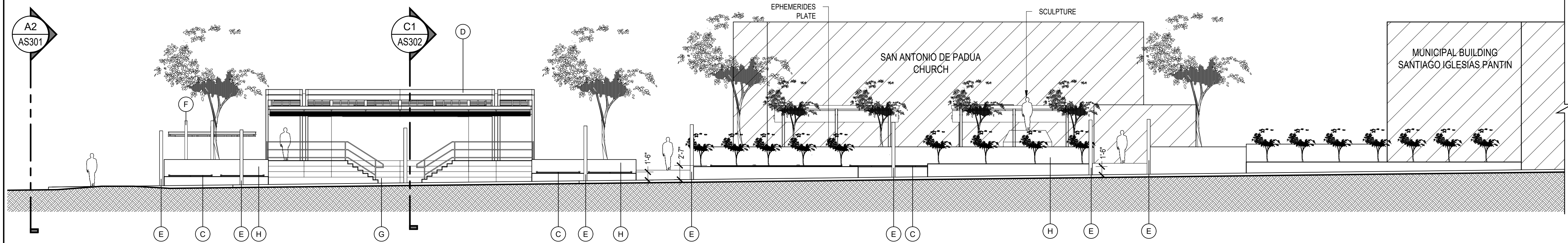
SHEET TITLE

ARCHITECTURAL
SITE PLAN -
TRELLISES,
PORTALS, STAGE

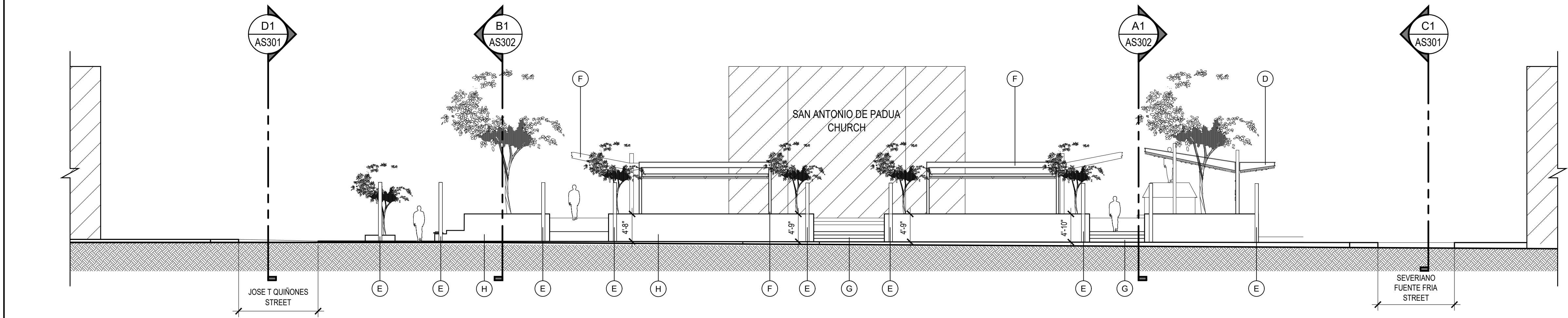
SHEET ID



D1 OVERALL SITE ELEVATION - LONGITUDINAL
SCALE: 3/32"=1'-0"



C1 OVERALL SITE ELEVATION - LONGITUDINAL
SCALE: 3/32"=1'-0"



A2 OVERALL SITE ELEVATION - TRANSVERSAL
SCALE: 3/32"=1'-0"

LEGEND & SHEET NOTES

GENERAL SHEET NOTES

1. ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.

SHEET KEYNOTES (○)

- C. SITE FURNISHINGS
- D. STAGE ROOF
- E. PEDESTRIAN LIGHT
- F. TRELLIS
- G. STEPS
- H. RAISED PLANTERS
- I. NEW FLOOR FINISHED
- J. GREEN AREA

OWNER


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PROJECT INFORMATION

**REVITALIZATION OF FELISA RINCÓN DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO**

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
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REVIEWED BY: GR
DRAWN BY: JHR
DESIGNED BY: JCR
PROJECT NUMBER: 22019

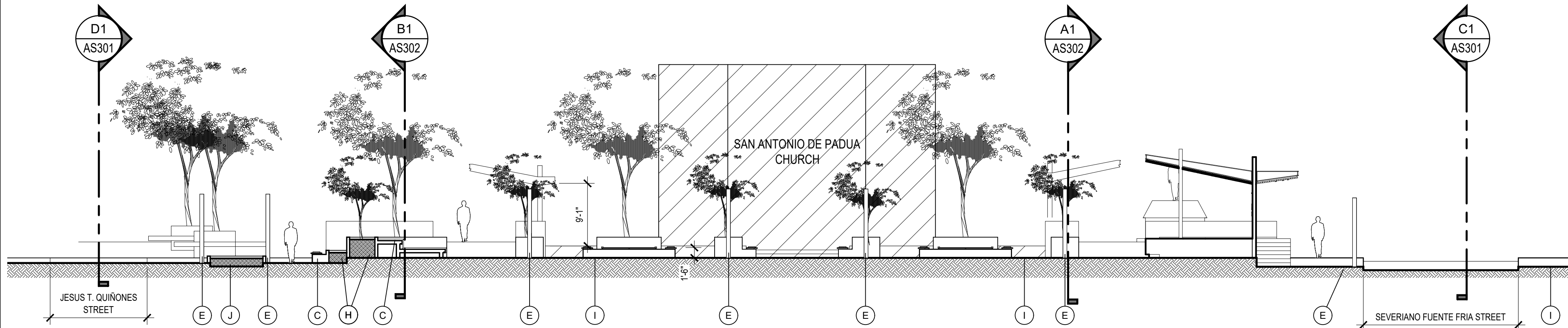
SHEET TITLE

**OVERALL SITE
ELEVATIONS**

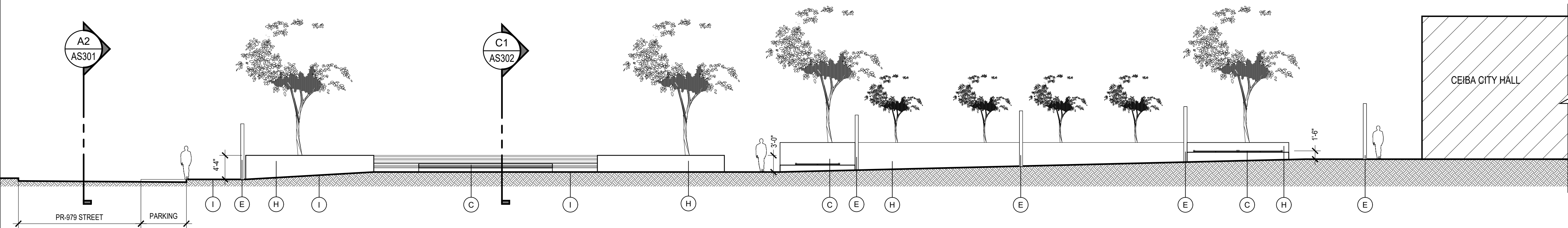
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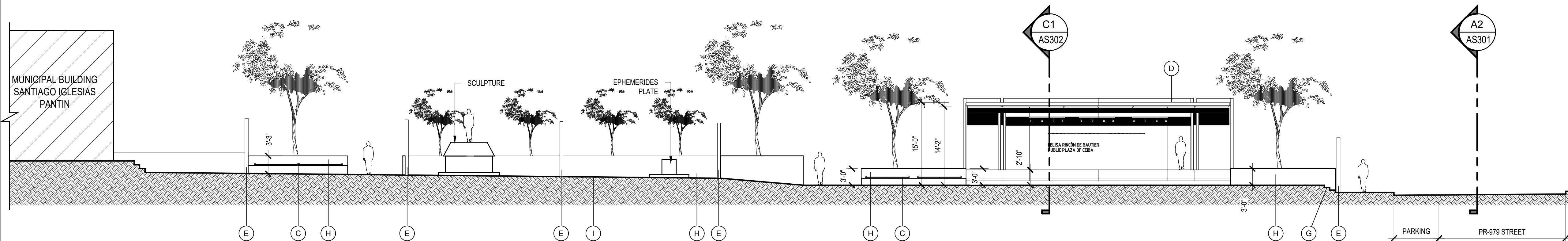
7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\ID\22019-A302.dwg



C1 OVERALL SITE SECTION - TRANSVERSAL
SCALE: 3/32"=1'-0"



B1 OVERALL SITE SECTION - LONGITUDINAL
SCALE: 3/32"=1'-0"



A1 OVERALL SITE SECTION - LONGITUDINAL
SCALE: 3/32"=1'-0"

LEGEND & SHEET NOTES

GENERAL SHEET NOTES

- ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.

SHEET KEYNOTES ()

- C. SITE FURNISHINGS
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CONSULTANT

SEAL

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PROJECT INFORMATION

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CEIBA, PUERTO RICO

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PROJECT NUMBER: 22019

SHEET TITLE

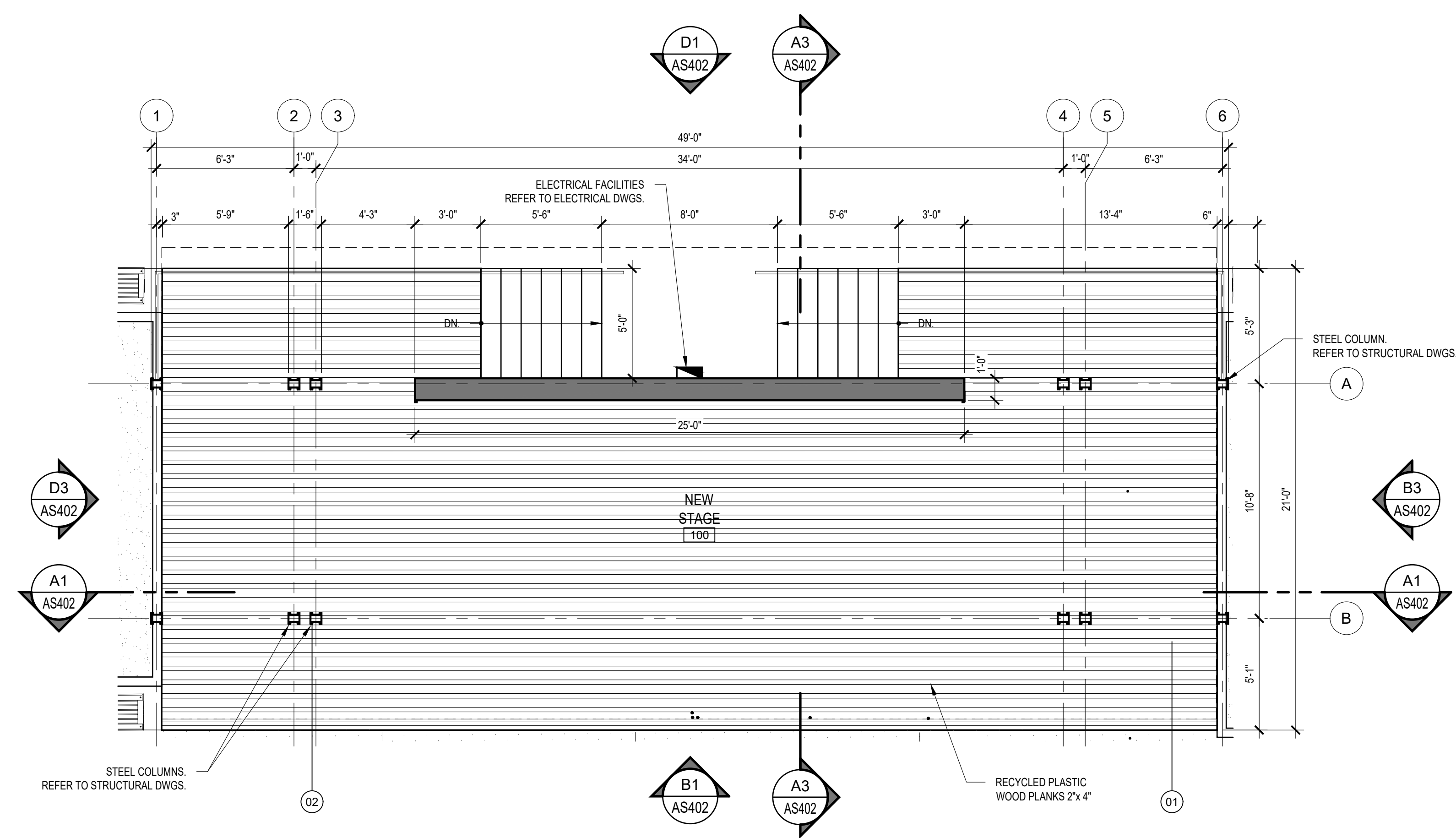
OVERALL SITE
SECTIONS

SHEET ID

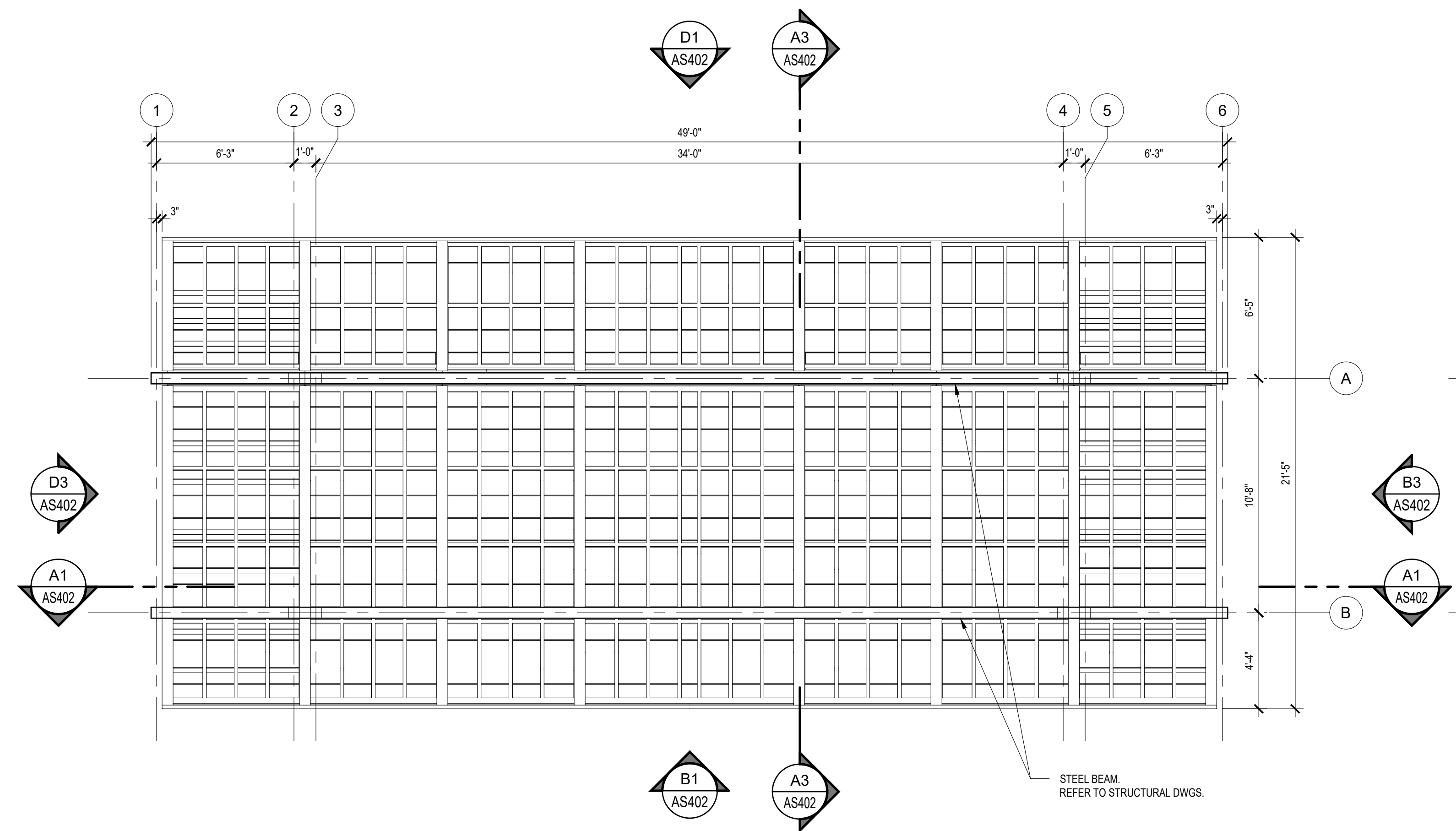
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CONSTRUCTION DOCUMENTS

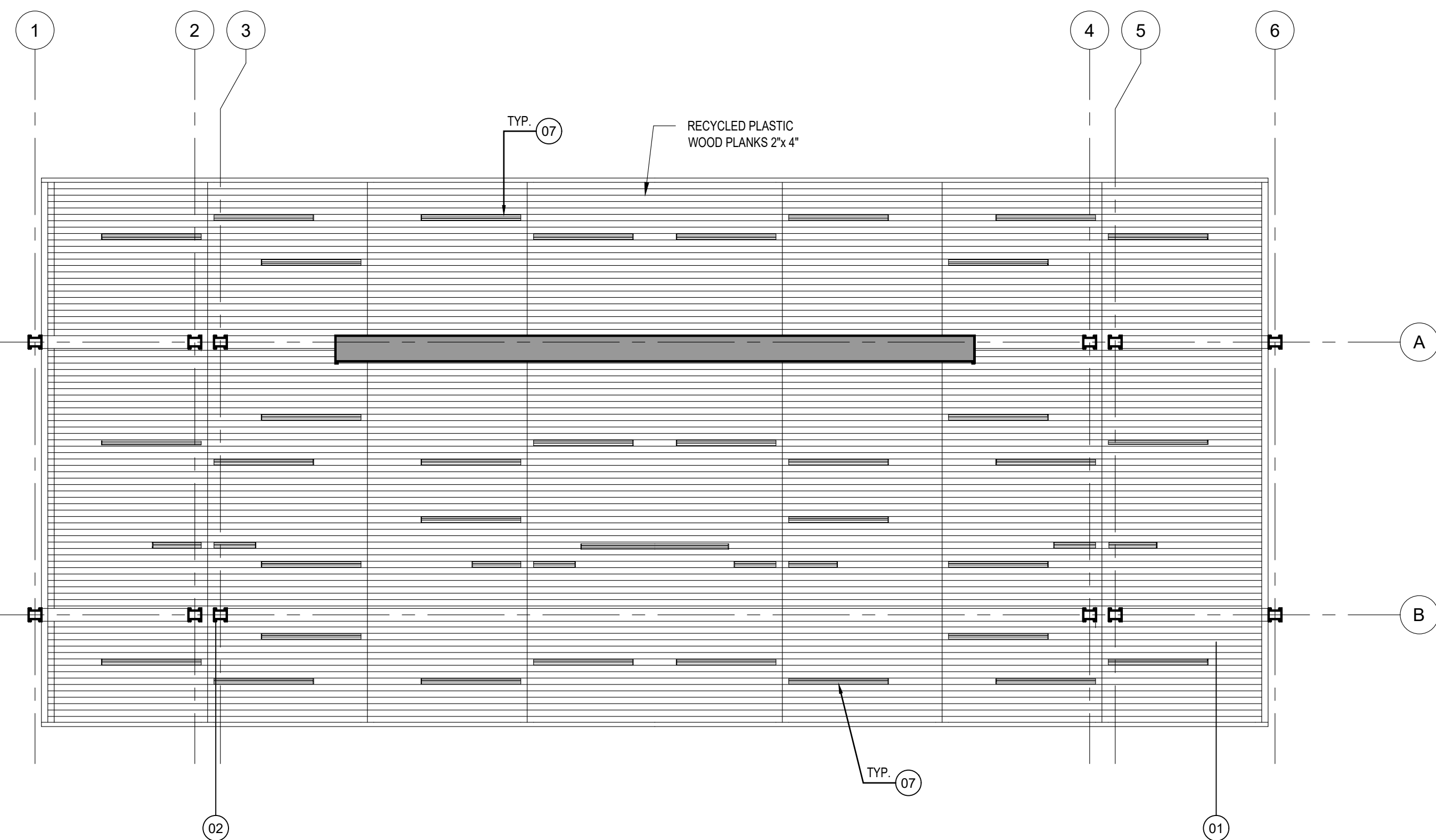
F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS401.dwg 7/8/2020 3:15:46 PM



C1 ENLARGED FLOOR PLAN- STAGE
SCALE: 1/4"=1'-0"



A1 ENLARGED ROOF PLAN- STAGE
SCALE: 1/4"=1'-0"



A3 ENLARGED REFLECTED CEILING PLAN - STAGE
SCALE: 1/4"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
07		LINEAR CEILING LIGHTS	BEGA	24313	LED CEILING MOUNTED DOWNLIGHT - VORTEX REFLECTOR - WIDE BEAM DISTRIBUTION MATERIAL: DIE - CAST MARINE GRADE ALUMINUM COLOR: BLACK EQUAL OR SIMILAR

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.



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SEAL

YO, MONIQUE LUISA LOPEZ, LIC. 19182, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTENDI QUE DICHS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, ENTES REGULADORAS O CORPORACIONES PUBLICAS CON JURISDICCION CERTIFICADO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DEL 8 DE ENERO DE 2004, SEGUN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUENA Y CON LA LEY NUM. 35 DEL 15 MAYO DE 1998, SEGUN ENMIENDADA LEY NUM. 86 DEL 6 DE JULIO DE 1978, SEGUN ENMIENDADA, SEGUN APLIQUE, RECONOCIENDO QUE CUALQUIER DECLARACION FALSA O FALSIFICACIONES DE LOS REQUISITOS 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 HACIA RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPPE.

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023

REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

SHEET TITLE

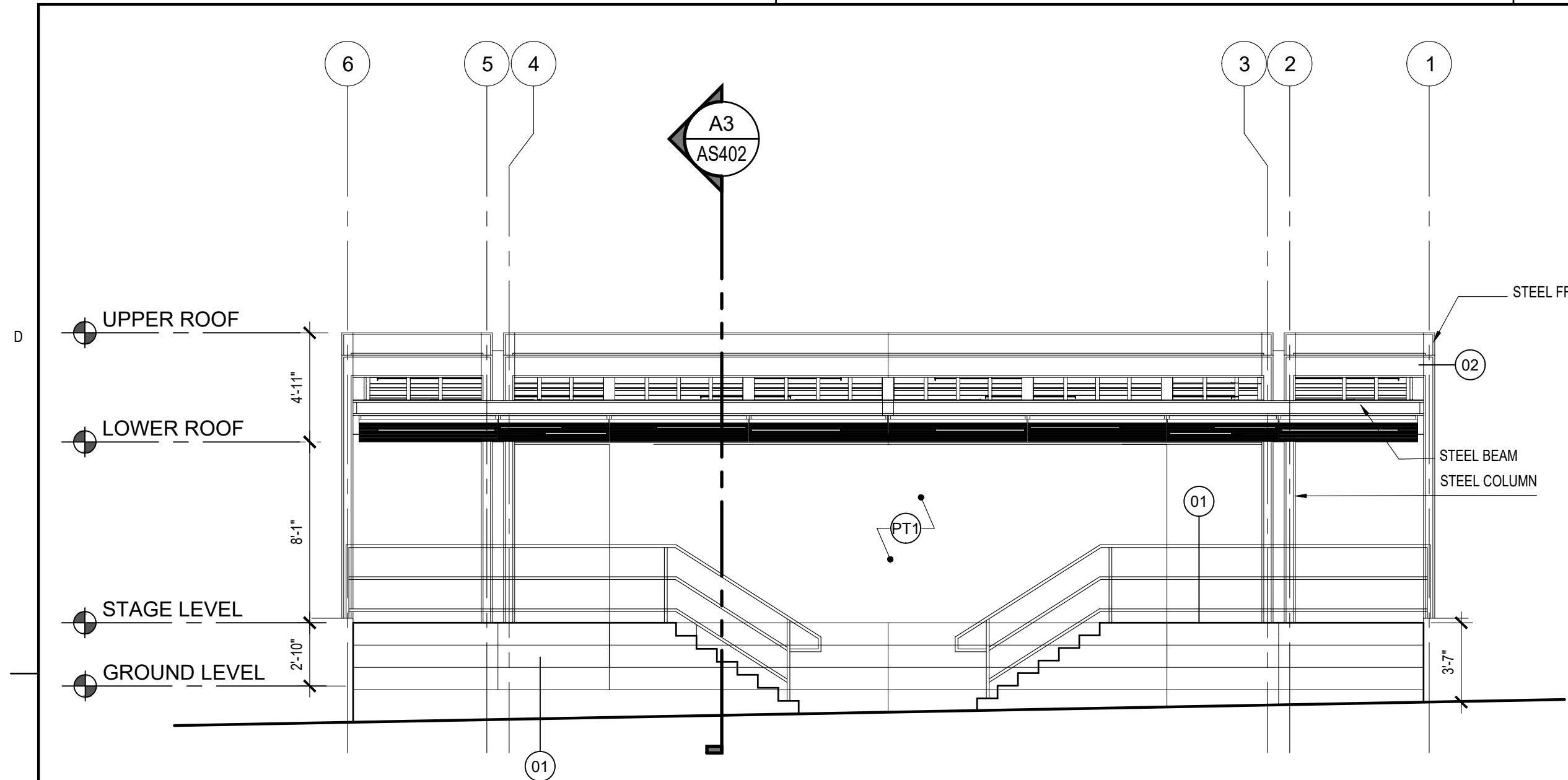
ENLARGED PLANS STAGE

SHEET ID

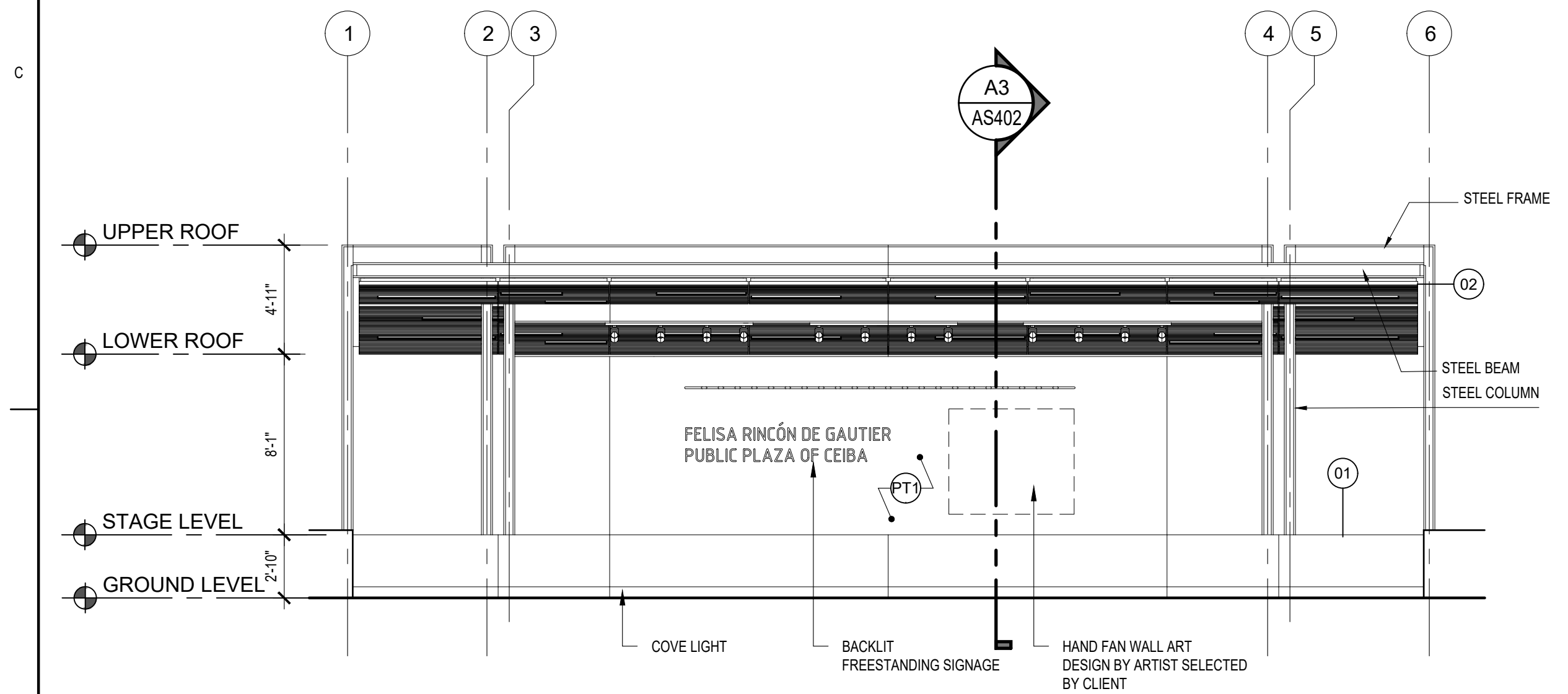
AS401

CONSTRUCTION DOCUMENTS

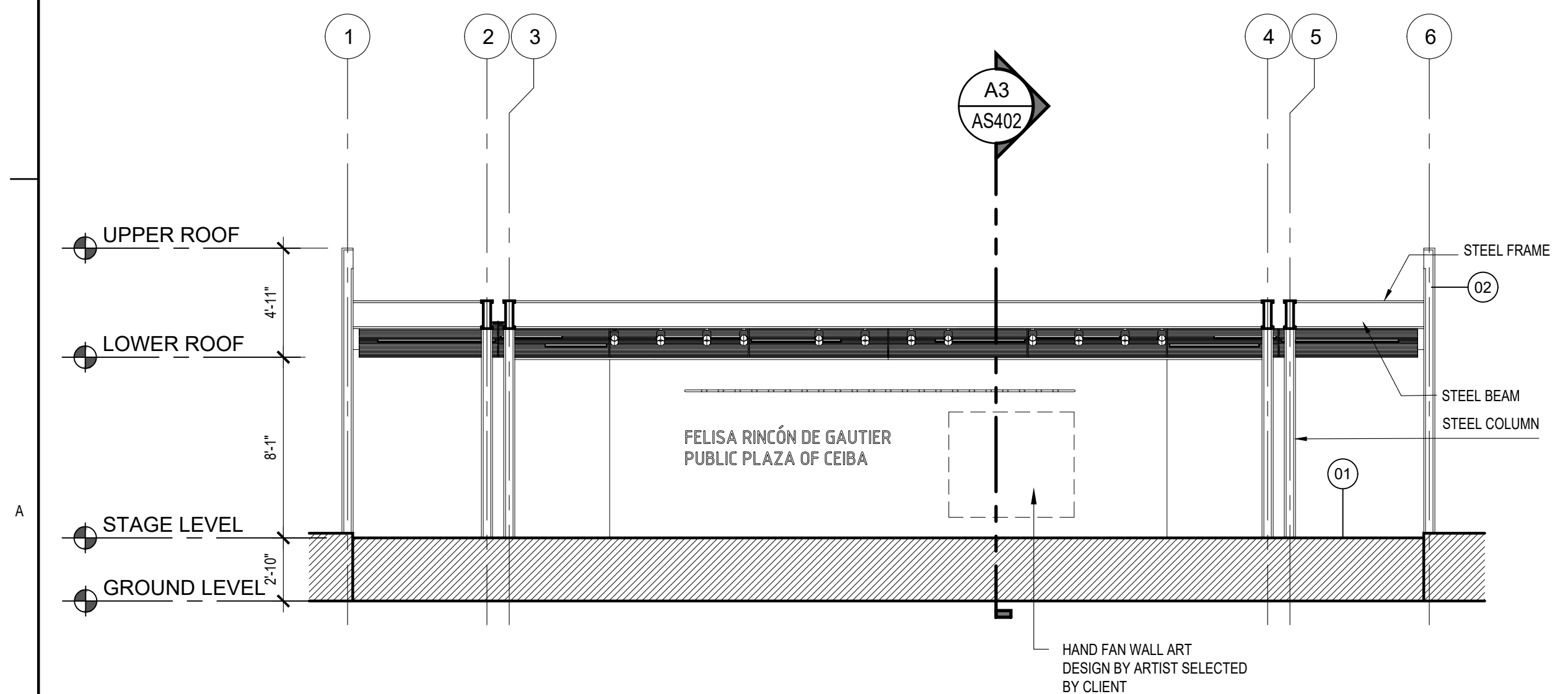
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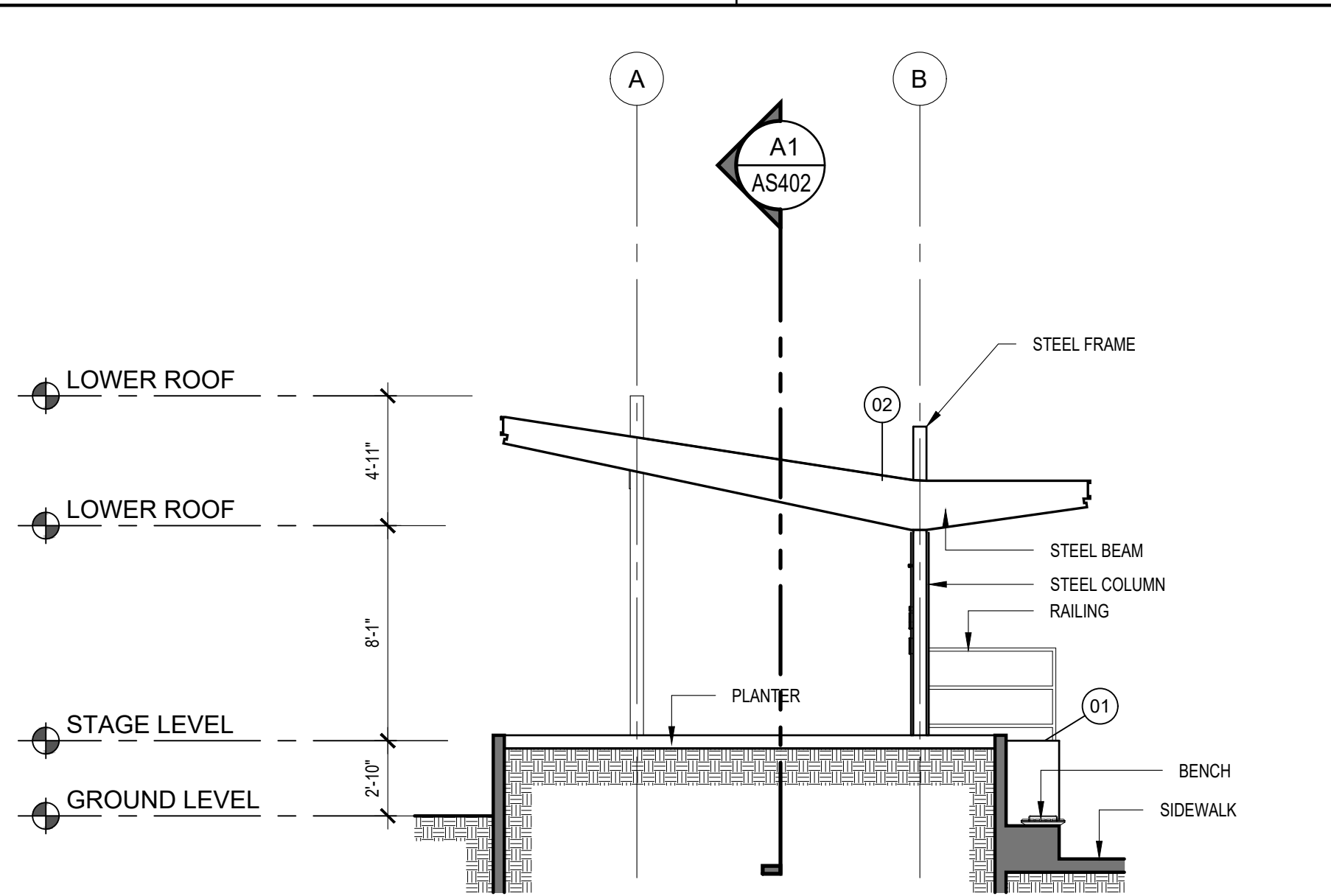
D1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



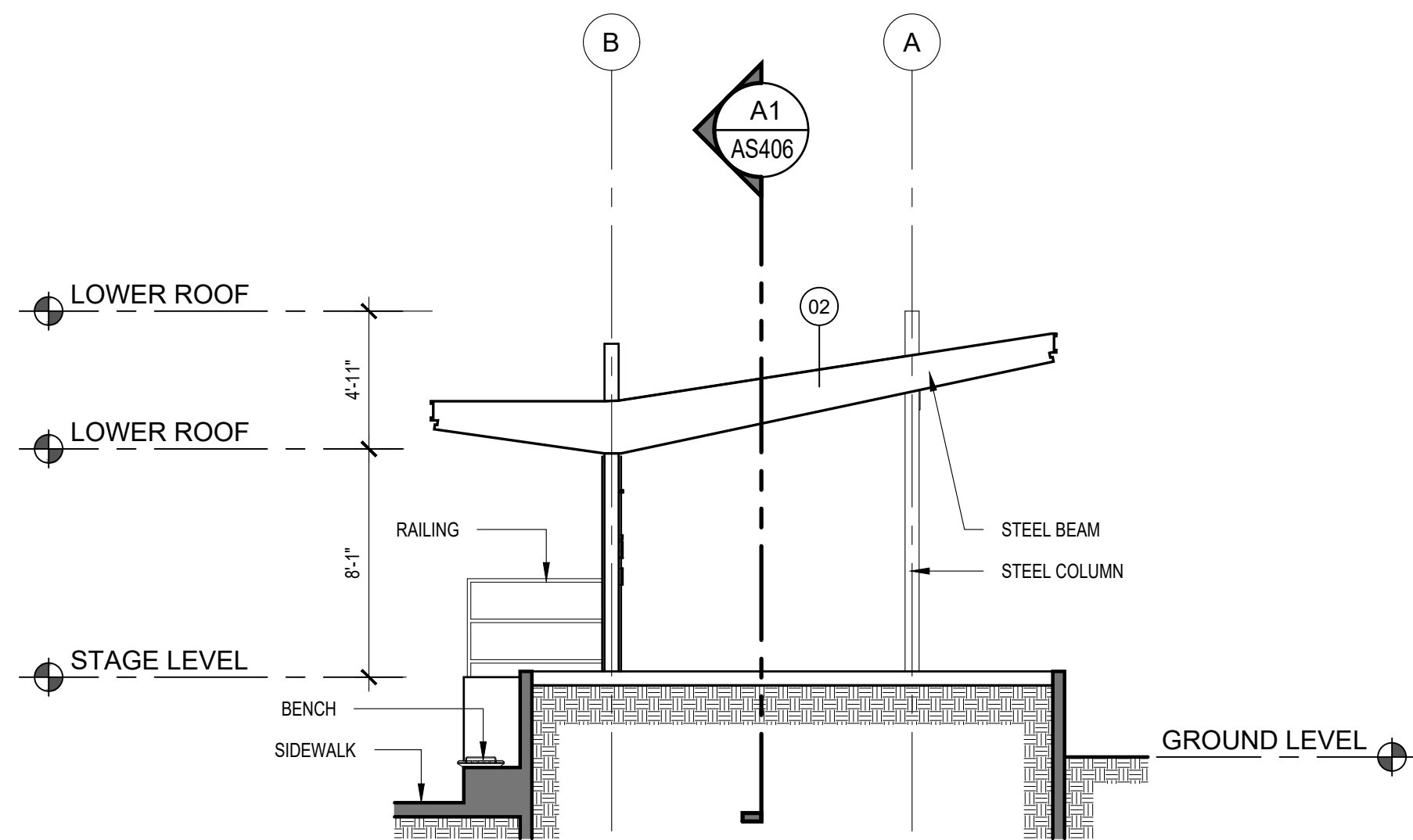
B1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



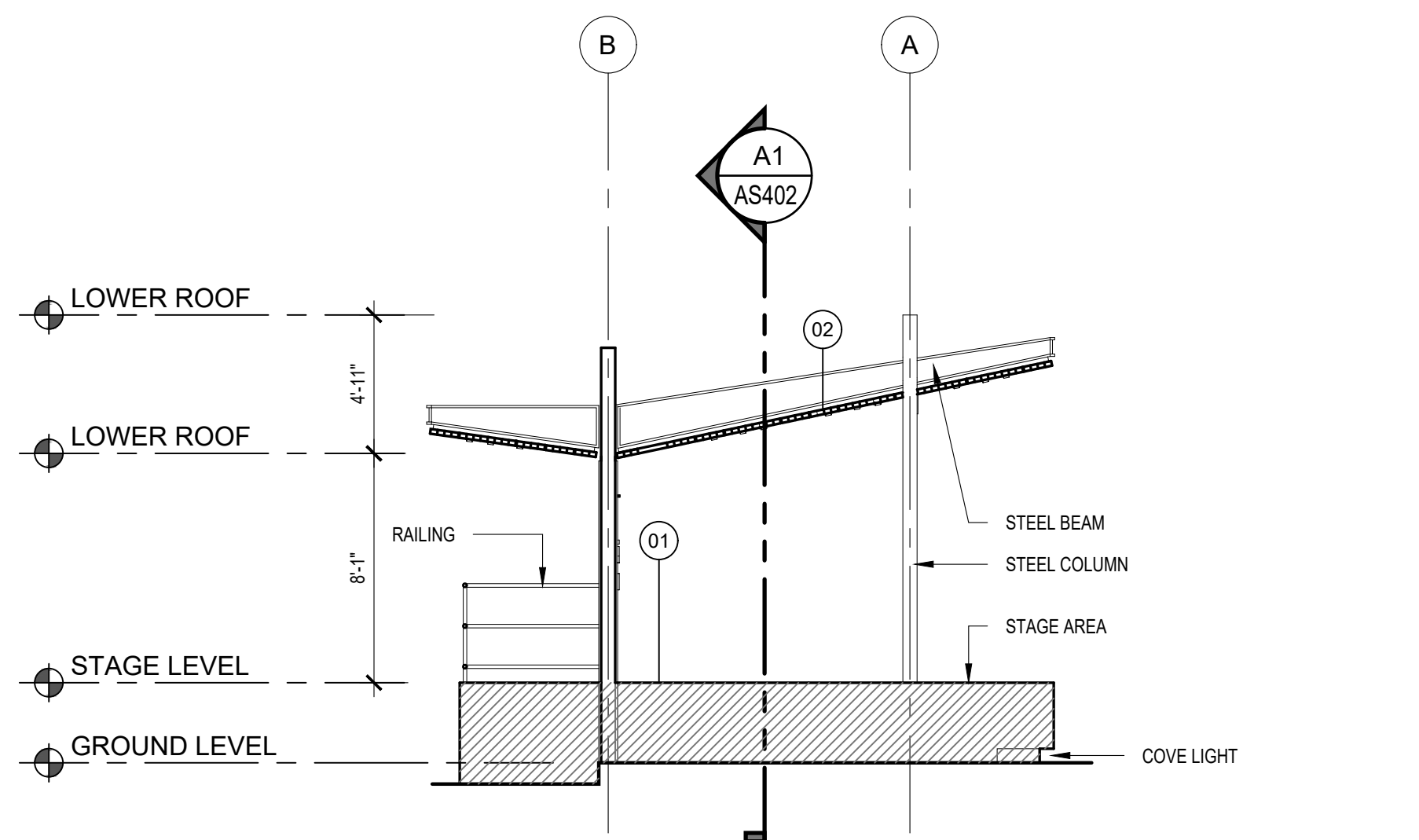
A1 TRELLIS - LONGITUDINAL SECTION
SCALE: 3/16"=1'-0"



D3 TRELLIS - ELEVATION
SCALE: 3/16"=1'-0"



B3 TRELLIS - ELEVATION
SCALE: 3/16"=1'-0"



A3 TRELLIS - TRANSVERSAL SECTION
SCALE: 3/16"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
07		LINEAR CEILING LIGHTS	TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED
PT1		PAINT	SHERWIN WILLIAMS	SW 0023 PEWTER TANKARD	EQUAL OR SIMILAR EXTERIOR EGGSHELL FINISH

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.



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SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCÓN DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
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E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023
REVIEWED BY: GR
DRAWN BY: JHR
DESIGNED BY: JCR
PROJECT NUMBER: 22019

SHEET TITLE

ENLARGED SECTIONS & ELEVATIONS STAGE

SHEET ID

AS402

OWNER

PROPOSANT

CONSULTANT

SEAL

PROJECT INFORMATION

REVISIONS

DATE ISSUED:

REVIEWED BY:

DRAWN BY:

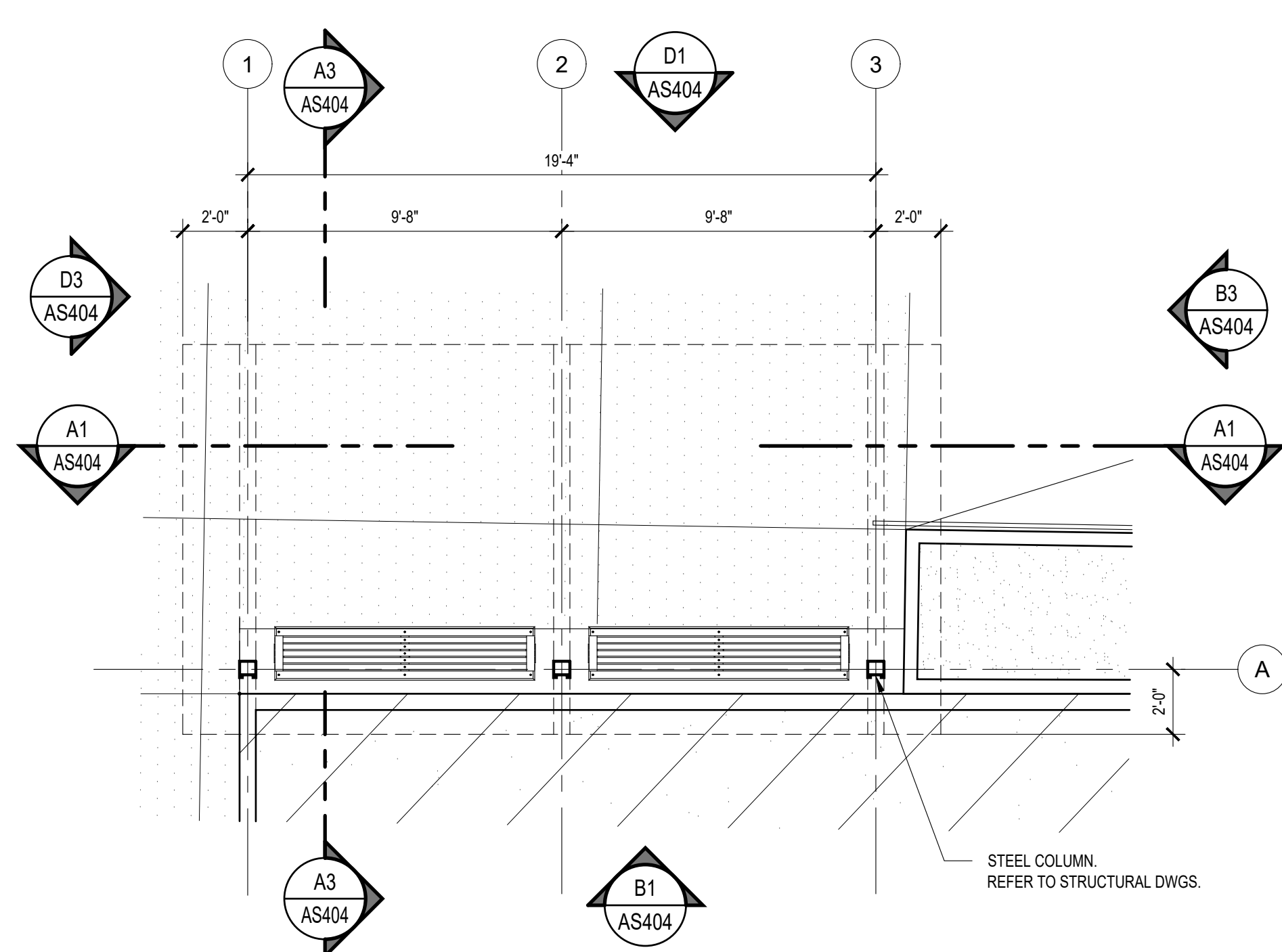
DESIGNED BY:

PROJECT NUMBER:

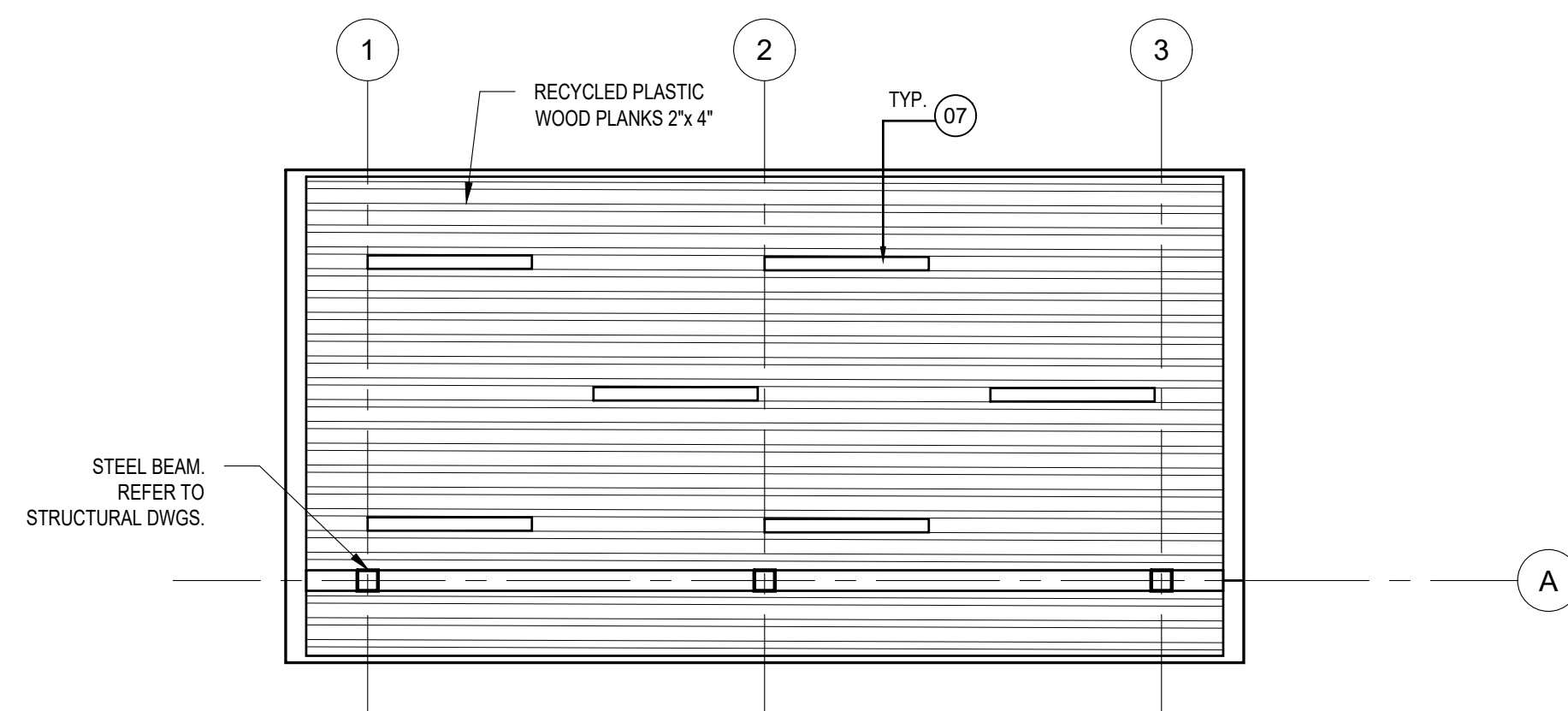
SHEET TITLE

SHEET ID

CONSTRUCTION DOCUMENTS



C3 ENLARGED FLOOR PLAN - TRELLIS WITH BENCH
SCALE: 1/4"=1'-0"



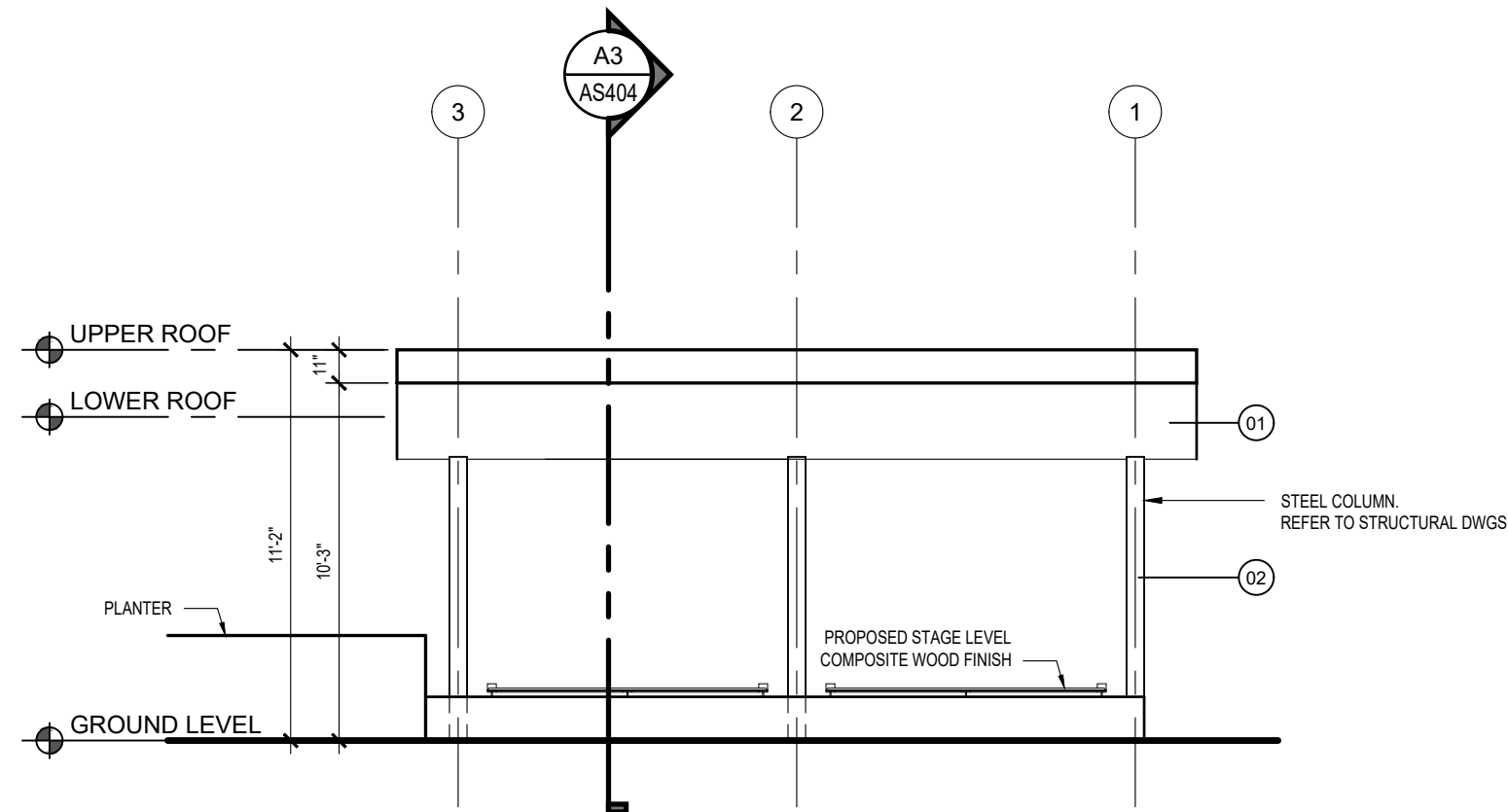
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NOTE:

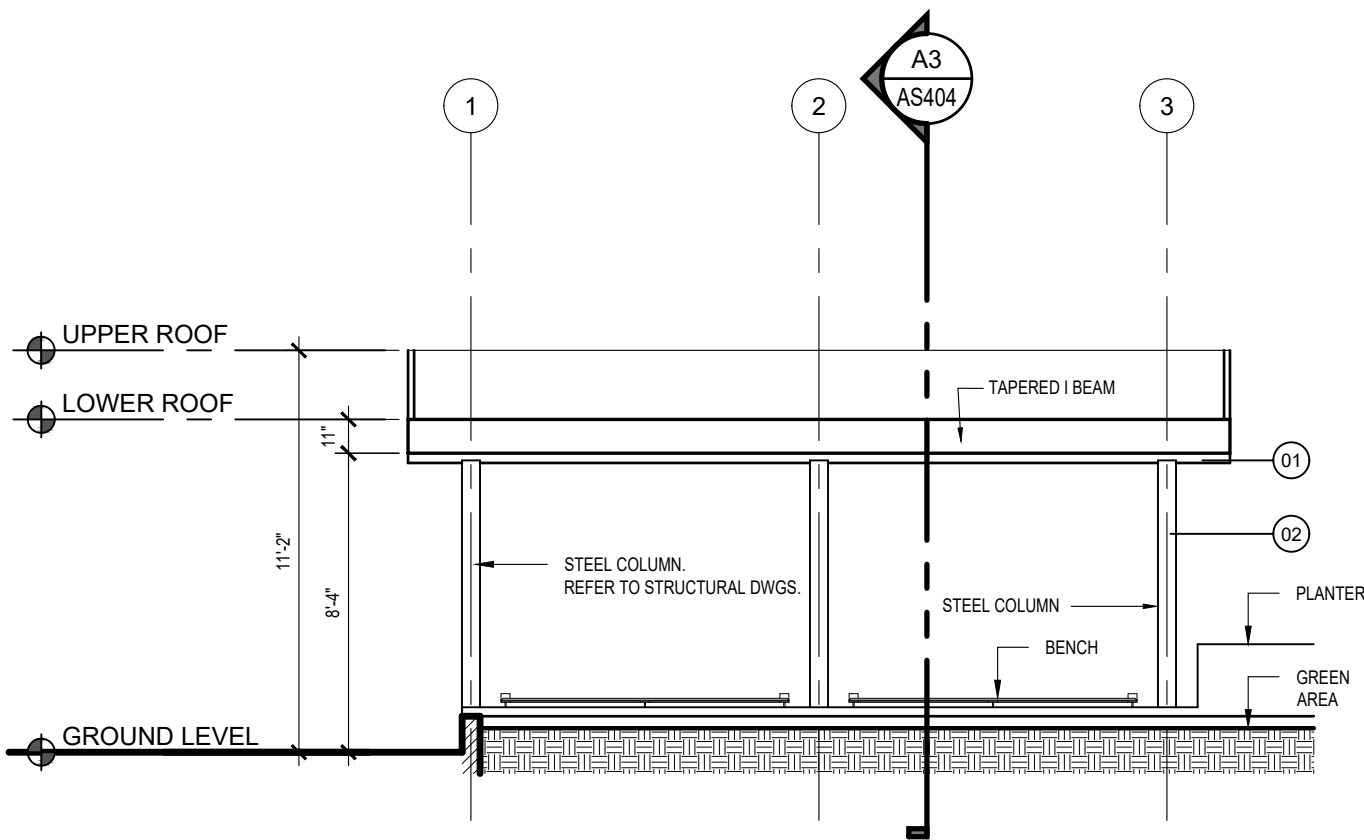
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CONSTRUCTION DOCUMENTS

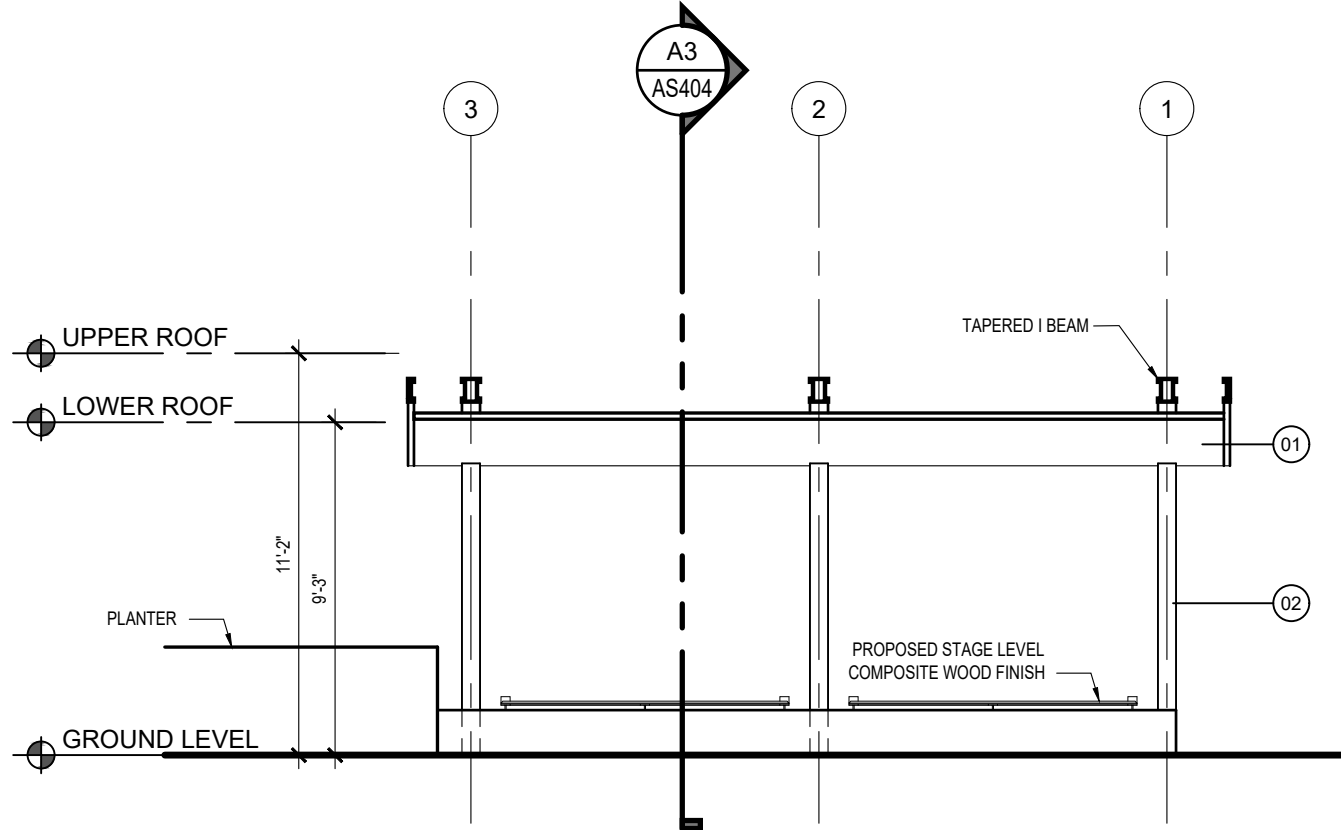
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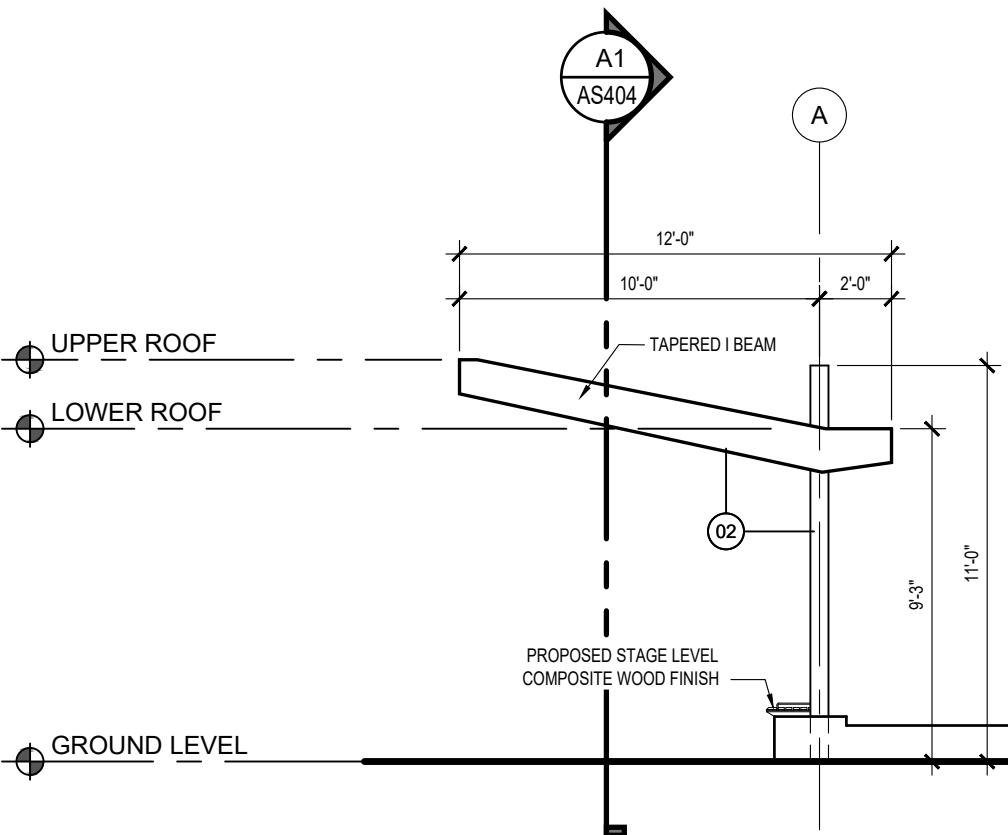
D1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



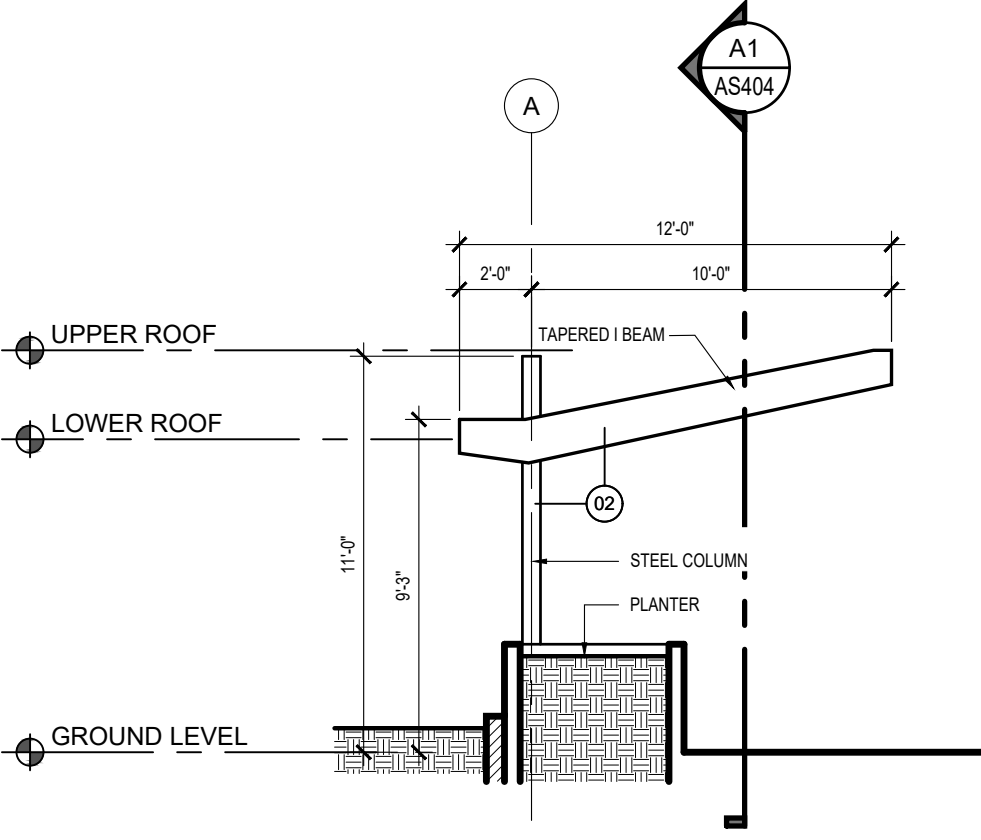
B1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



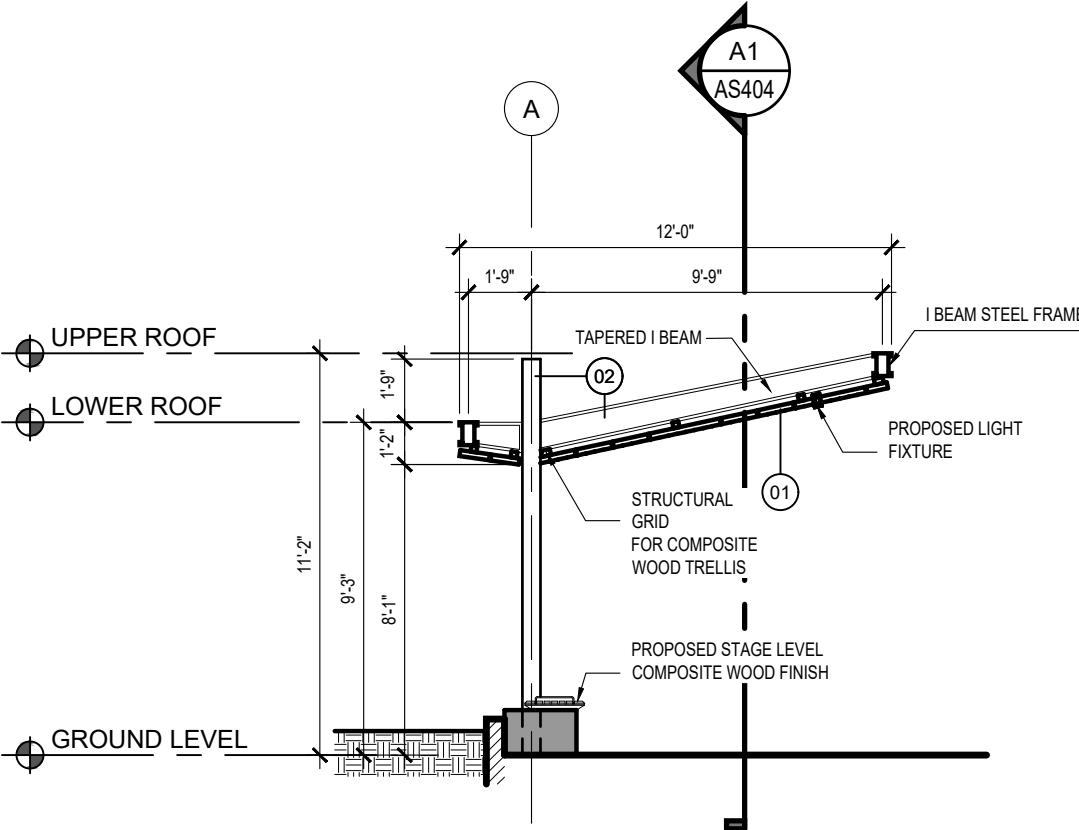
A1 TRELLIS - LONGITUDINAL SECTION
SCALE: 3/16"=1'-0"



D3 TRELLIS - ELEVATION
SCALE: 3/16"=1'-0"



B3 TRELLIS - ELEVATION
SCALE: 3/16"=1'-0"



A3 TRELLIS - TRANSVERSAL SECTION
SCALE: 3/16"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL



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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
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D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023
REVIEWED BY: GR
DRAWN BY: JHR
DESIGNED BY: JCR
PROJECT NUMBER: 22019

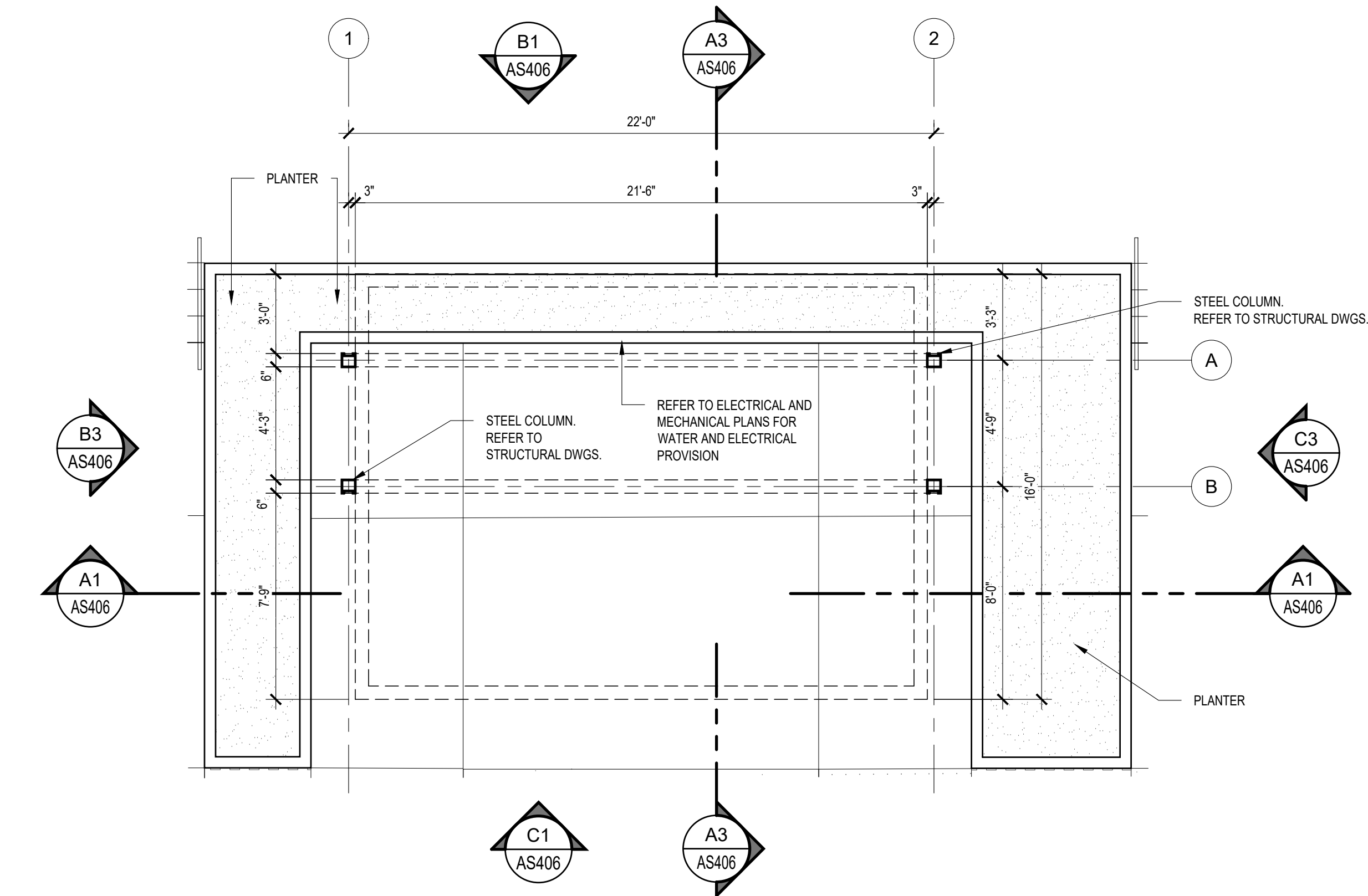
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ENLARGED TRELLIS
ELEVATIONS & SECTIONS

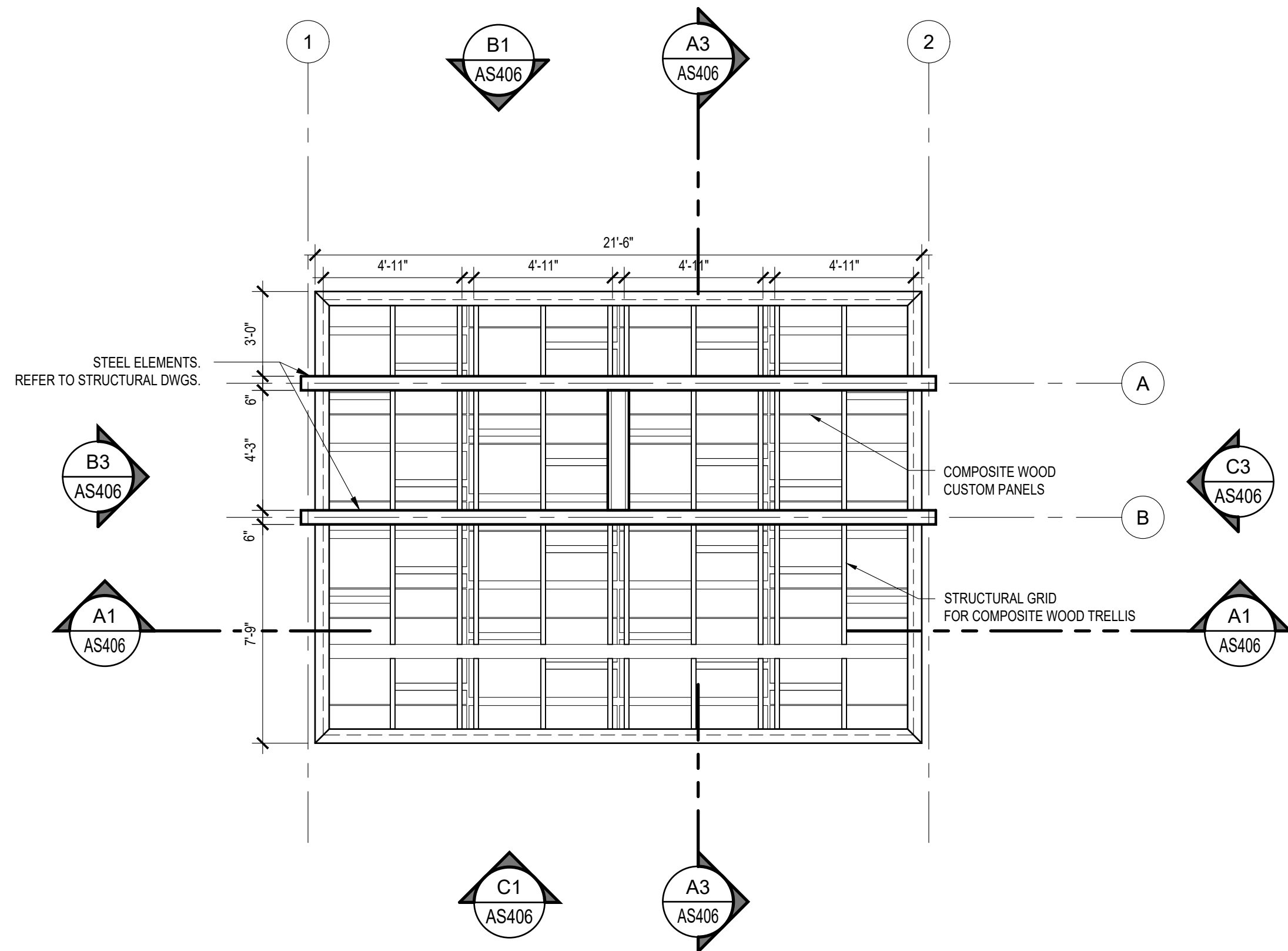
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AS404

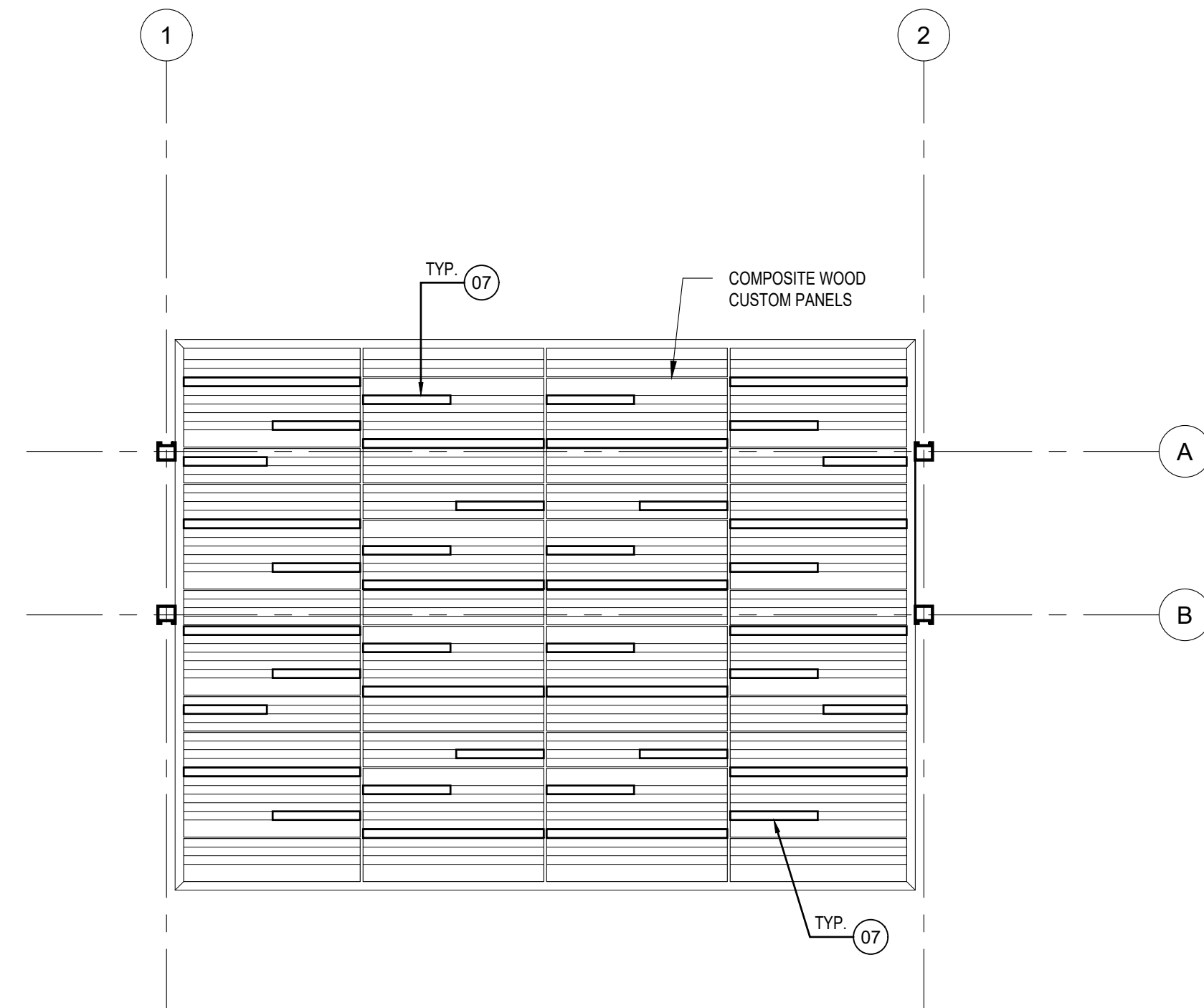
7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS405.dwg



C2 TRELLIS - ENLARGED PLAN
SCALE: 1/4"=1'-0"



A2 TRELLIS - ENLARGED ROOF PLAN
SCALE: 1/4"=1'-0"



A4 TRELLIS - ENLARGED REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
07		LINEAR CEILING LIGHTS	BEGA	24313	LED CEILING MOUNTED DOWNLIGHT - VORTEX REFLECTOR - WIDE BEAM DISTRIBUTION MATERIAL: DIE - CAST MARINE GRADE ALUMINUM COLOR: BLACK EQUAL OR SIMILAR

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.

OWNER

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023
REVIEWED BY: GR
DRAWN BY: JHR
DESIGNED BY: JCR
PROJECT NUMBER: 22019

SHEET TITLE

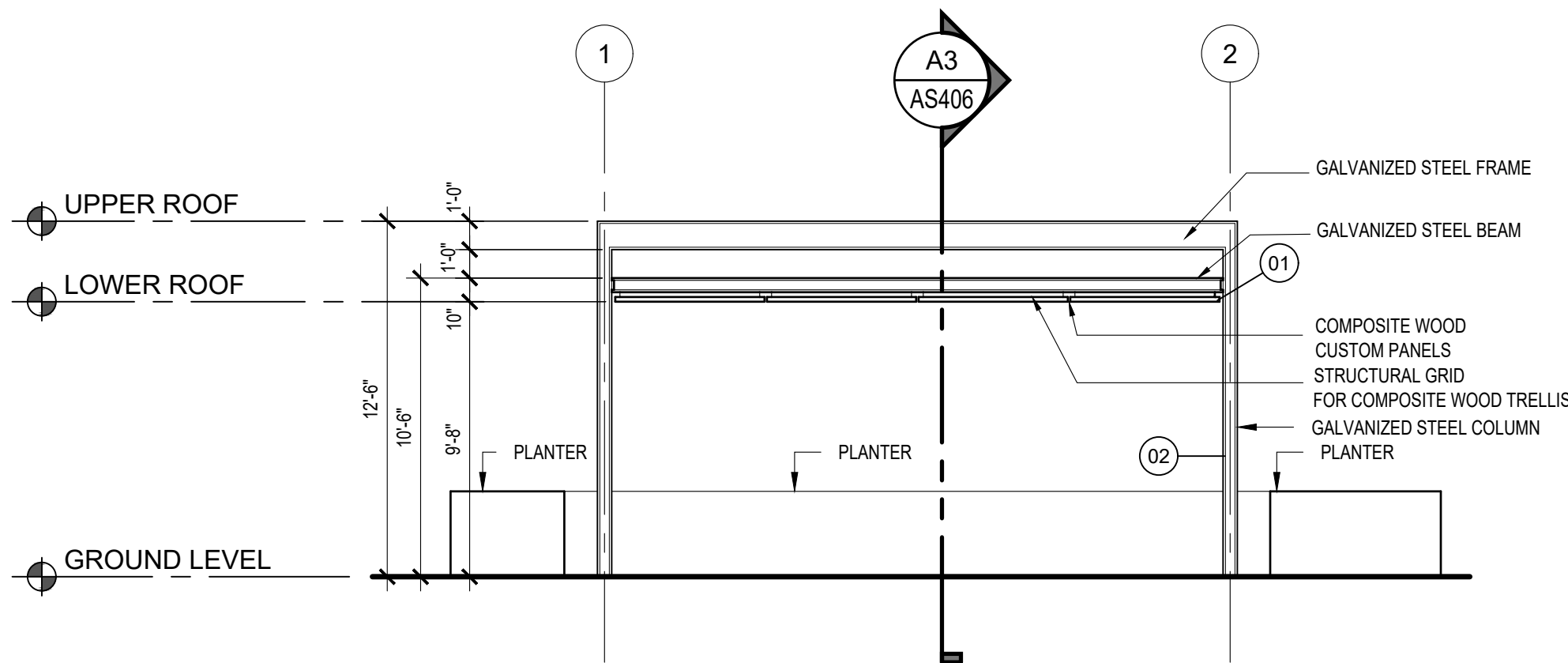
ENLARGED PLAN TRELLIS

SHEET ID

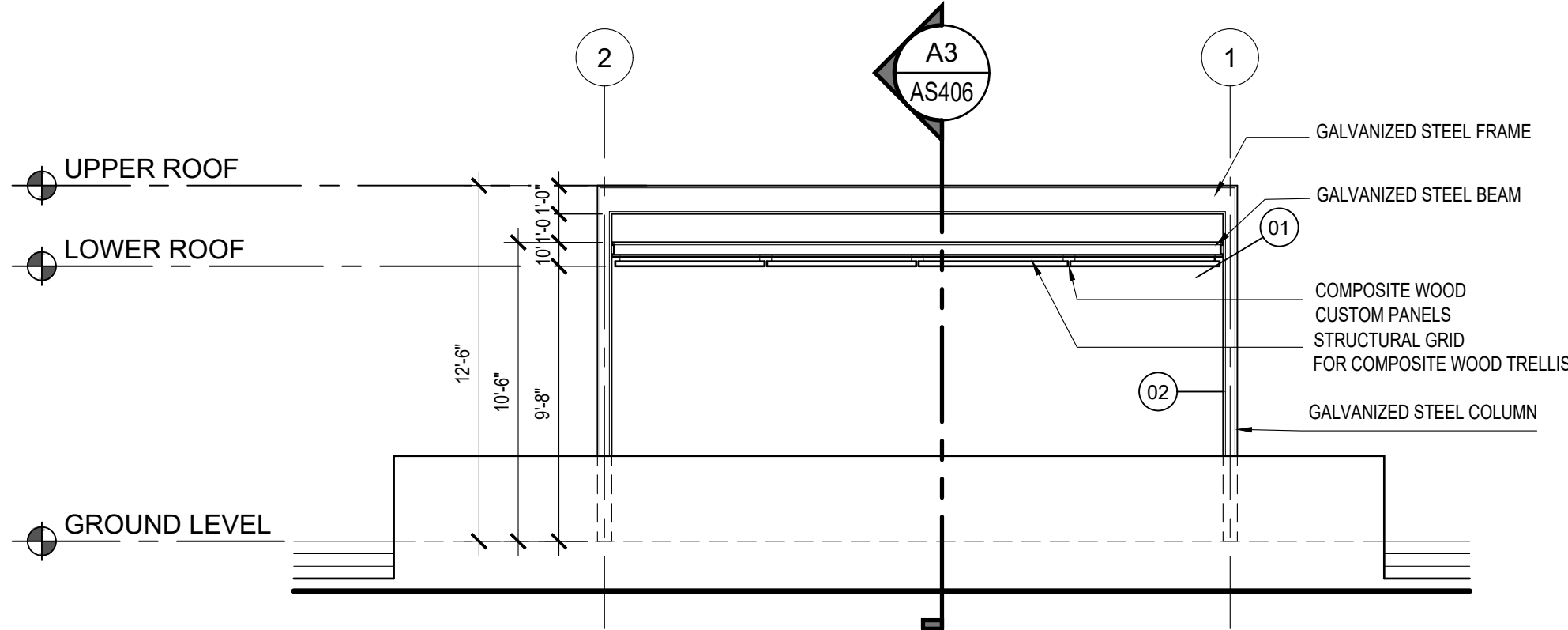
AS405

CONSTRUCTION DOCUMENTS

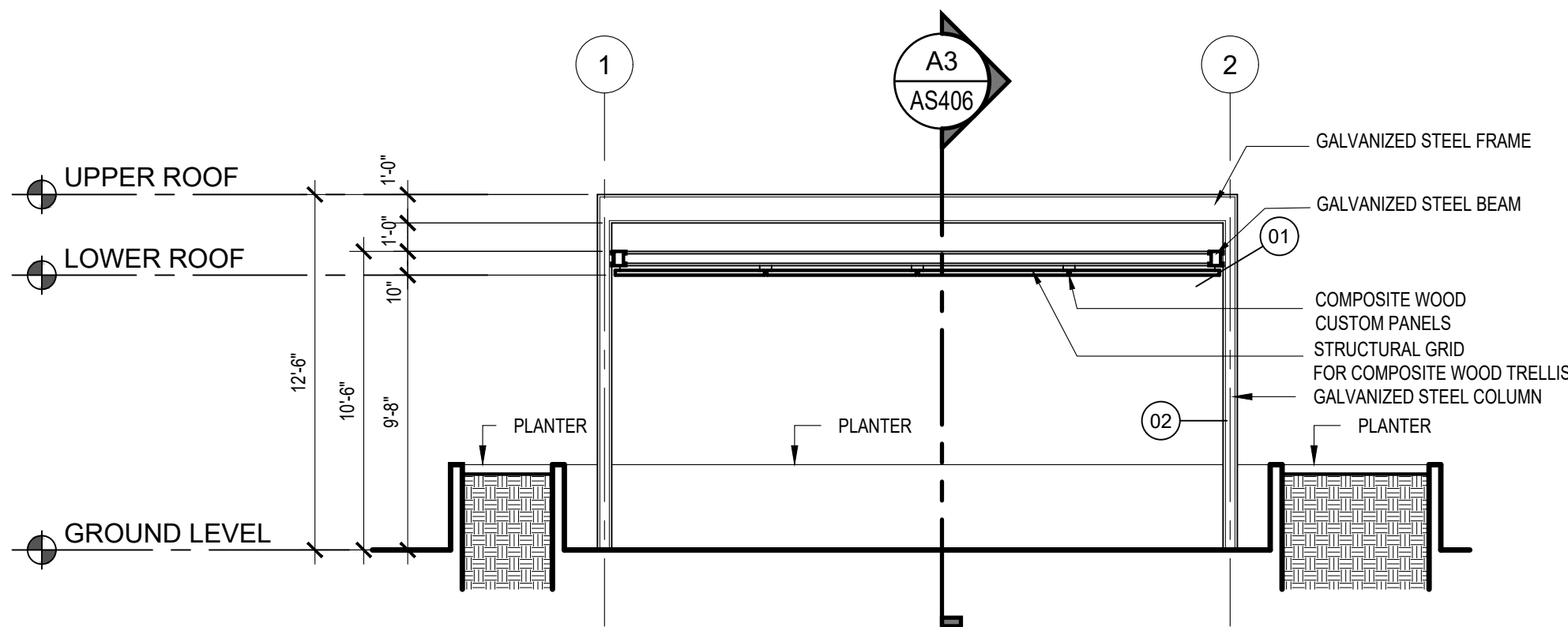
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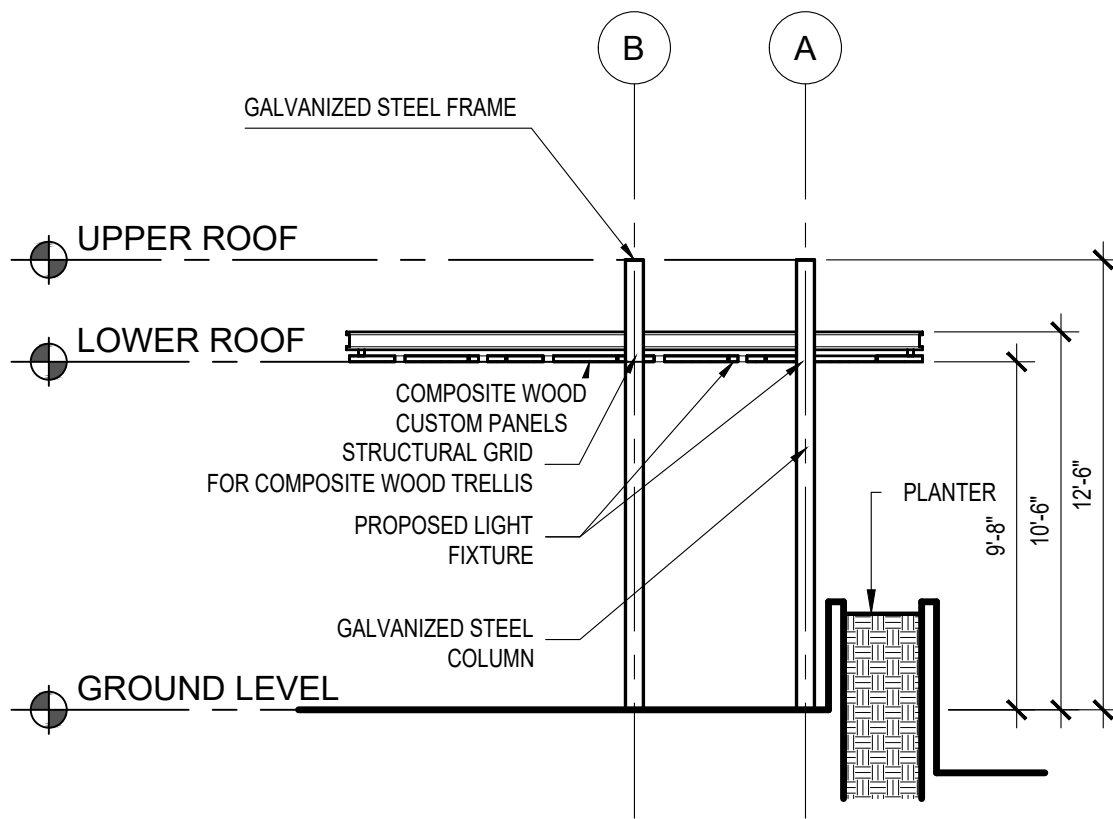
C1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



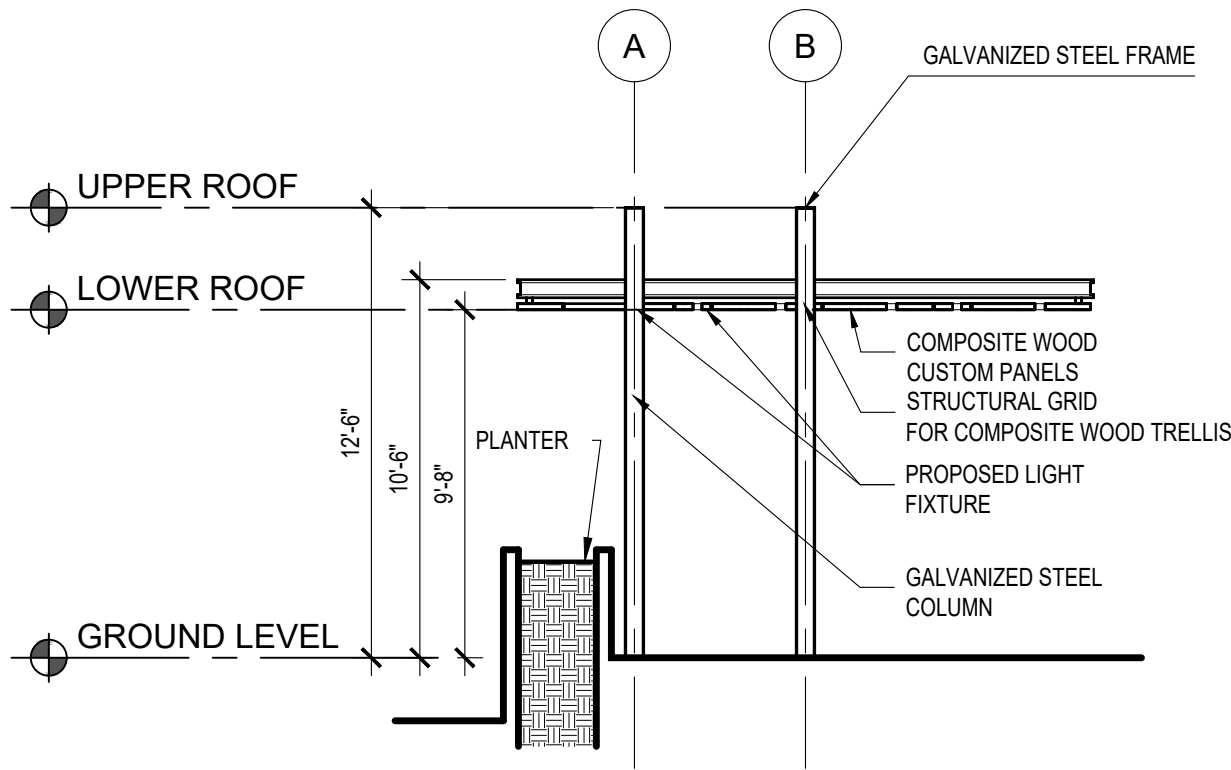
B1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



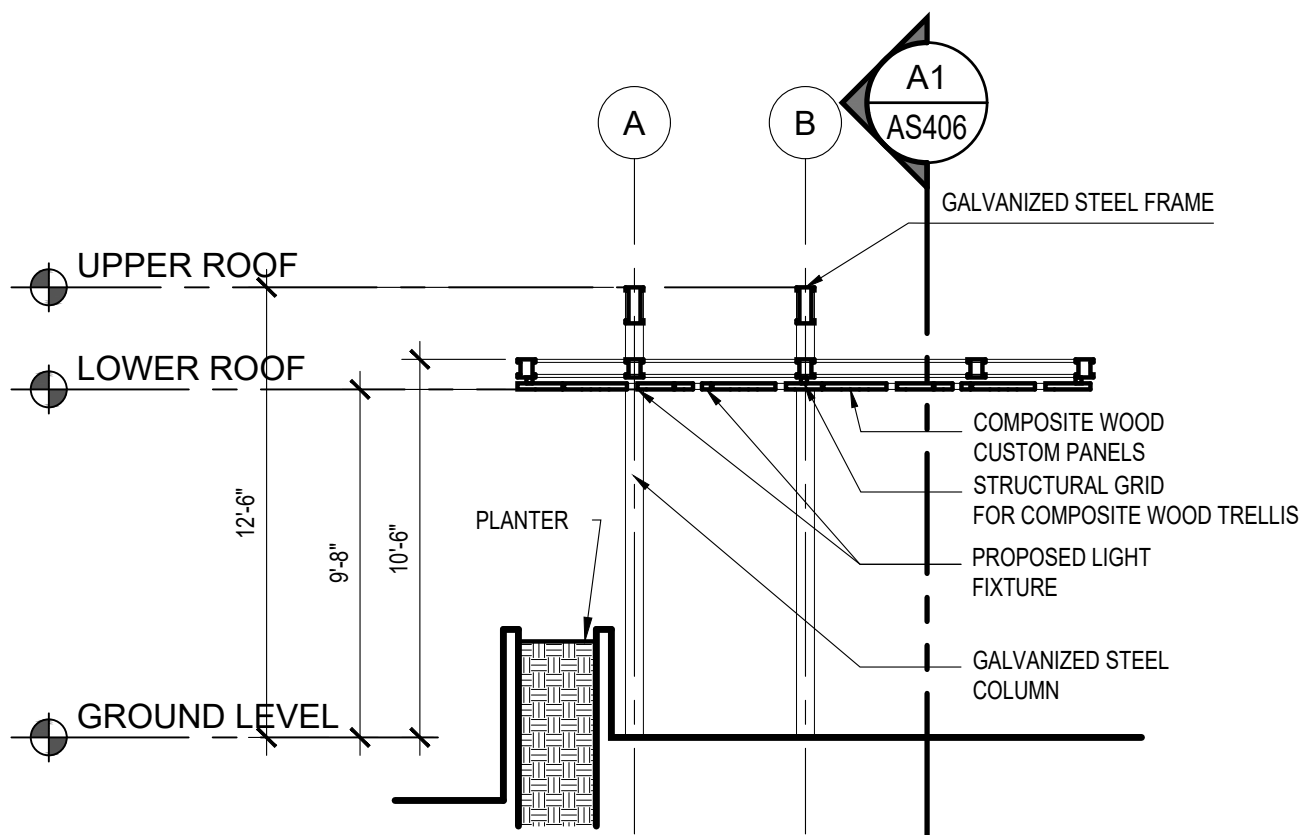
A1 TRELLIS - LONGITUDINAL SECTION
SCALE: 3/16"=1'-0"



C3 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



B3 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



A3 TRELLIS - TRANSVERSAL SECTION
SCALE: 3/16"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL



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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
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CEIBA, PUERTO RICO

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D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

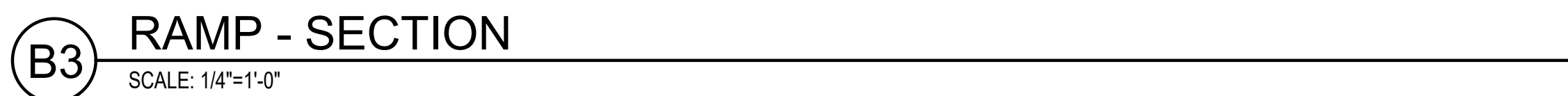
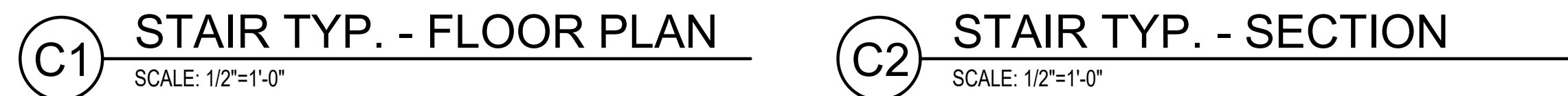
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REVIEWED BY: GR
DRAWN BY: JHR
DESIGNED BY: JCR
PROJECT NUMBER: 22019

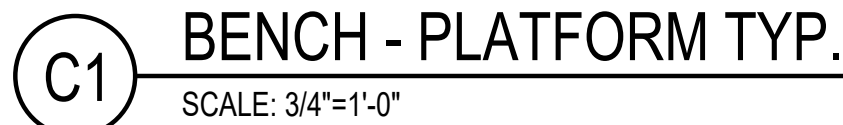
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ELEVATIONS & SECTIONS

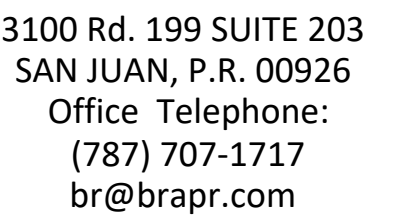
SHEET ID

AS406

CONSTRUCTION DOCUMENTS



PROPOSER



CONSULTANT



REAL

TO MONIQUE LUQUE LOPEZ, LIC. 16182, CREDITO QUE SOY EL PROFESIONAL QUE CONFECCIONO YUO DISEÑO YUO PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CREDITO QUE ENTENDIO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGULADORAS O CORPORACIONES PUBLICAS CON JURISDICCION RELEVANTE, ADICIONALMENTE QUE LOS PLANOS Y ESPECIFICACIONES SE HAN CUMPLIDO CABLEAMENTE CON LO DISPUESTO EN LA LEY NÚM. 1 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTO RIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMIENDADA, LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, SEGÚN APLIQUE, RECONOZCO QUE CUALQUIER DECLARACIÓN O FALSIFICACIÓN DE LOS DATOS QUE SE HAN PRODUCIDO POR EL PRESENTE DOCUMENTO, POR NEGLIJA O POR MALA FE, HACER A LOS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OSGPE

PROJECT INFORMATION

**REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO**

REVISIONS		
NO.	DESCRIPTION	DATE
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023

REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY:	ICB
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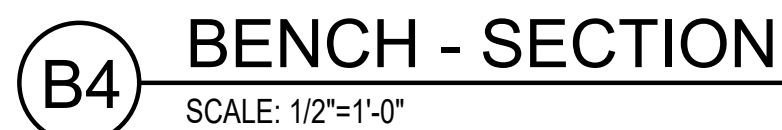
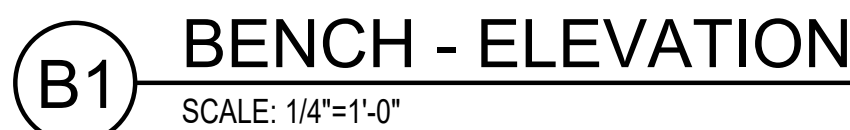
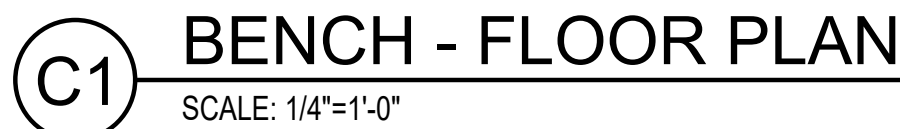
DESIGNED BY:	5571
PROJECT NUMBER:	23010

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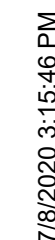
ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS

MEET ID

AS501

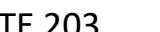






 P.O. Box 224 Ceiba, P.R. 00735-0224 Office Telephone: (787) 885-2180 http://www.ceiba-pr.com/ OWNER		
 BR&A LLC PROJECT MANAGEMENT • ENGINEERING • DESIGN CONSULTANT		
3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926 Office Telephone: (787) 707-1717 br@brapr.com CONSULTANT		
 Star Paces LLC LANDSCAPES & ARCHITECTURE CONSULTANT		
P.O. Box 632 Dorado, PR 00646 Office Telephone: (787) 510-4812 teresita.tmdv@gmail.com SEAL		
YO, TERESITA M DEL VALLE BERTRAN, LIC. 116, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTENDO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMIENDA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDA; SEGÚN APÚQUE 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 OQUE.		
PROJECT INFORMATION		
REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA		
CEIBA	PUERTO RICO	
REVISIONS		
NO.	DESCRIPTION	DATE
1	30% DESIGN DEVELOPMENT	12/01/22
2	60% DESIGN DEVELOPMENT	12/22/22
DATE ISSUED:		03/21/23
REVIEWED BY:		LMR
DRAWN BY:		TDV
DESIGNED BY:		TDV
BRA PROJECT NUMBER:		22010
SHEET TITLE		
PLANTING LAYOUT		
SHEET ID		
L-100		

CONSULTANT



1	2
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SEAL

Notes:

- 1- See specifications for additional tree protection requirements.
- 2- If there is no existing irrigation, see specifications for watering requirements.
- 3- No pruning shall be performed except by approved arborist.
- 4- No equipment shall operate inside the protective fencing including during fence installation and removal.
- 5- See site preparation plan for any modifications with the Tree Protection area.



A



1



tail.

2



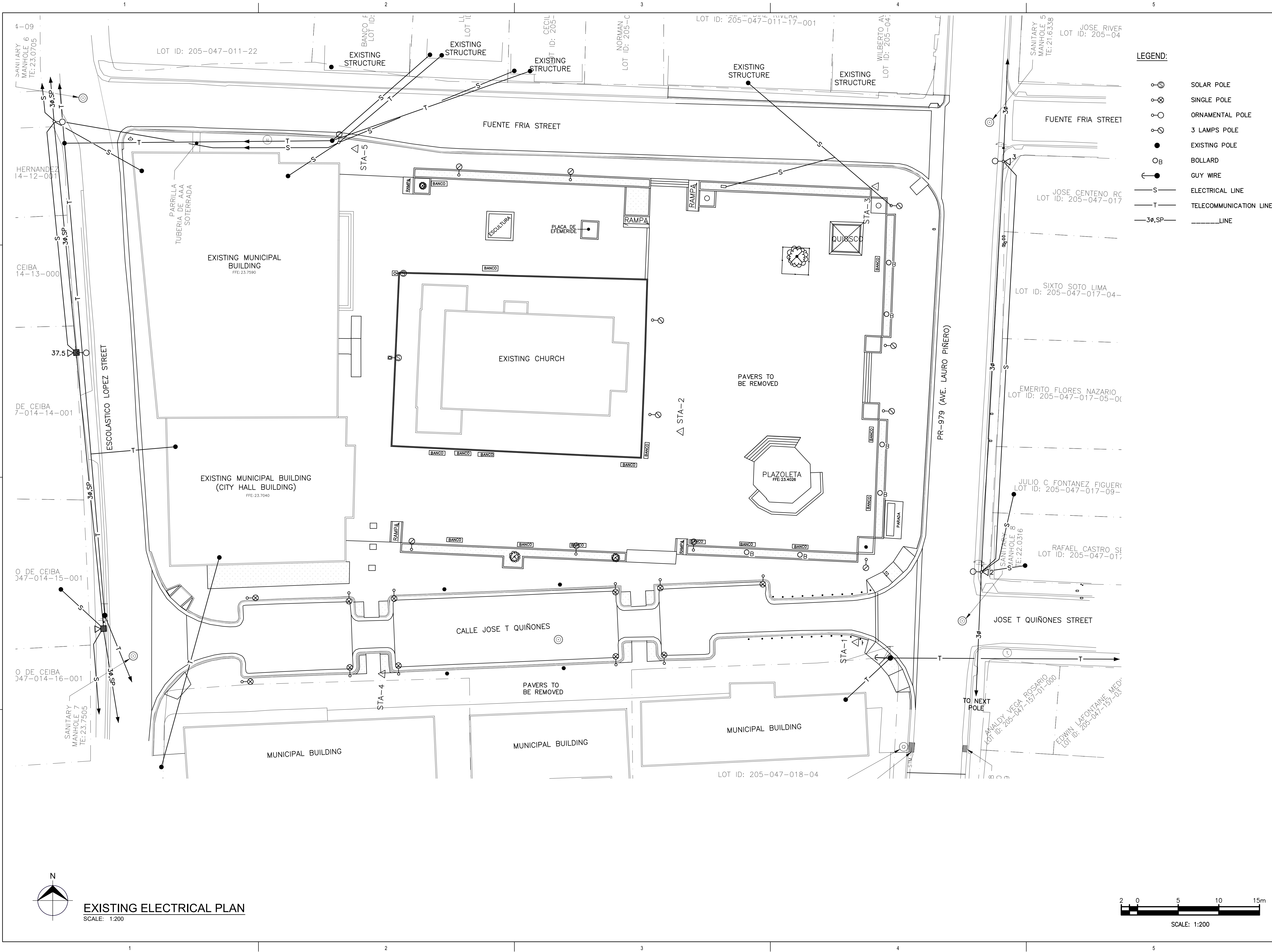
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CONSULTANT

SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

NO.	DESCRIPTION	DATE
1	30% DESIGN DEVELOPMENT	10/11/22

DATE ISSUED: 11/29/22
REVIEWED BY: LMR
DRAWN BY: LRT
DESIGNED BY: LMR
BRA PROJECT NUMBER: 22010

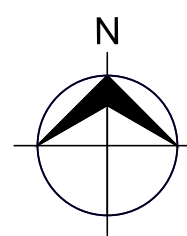
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**EXISTING
ELECTRICAL PLAN**

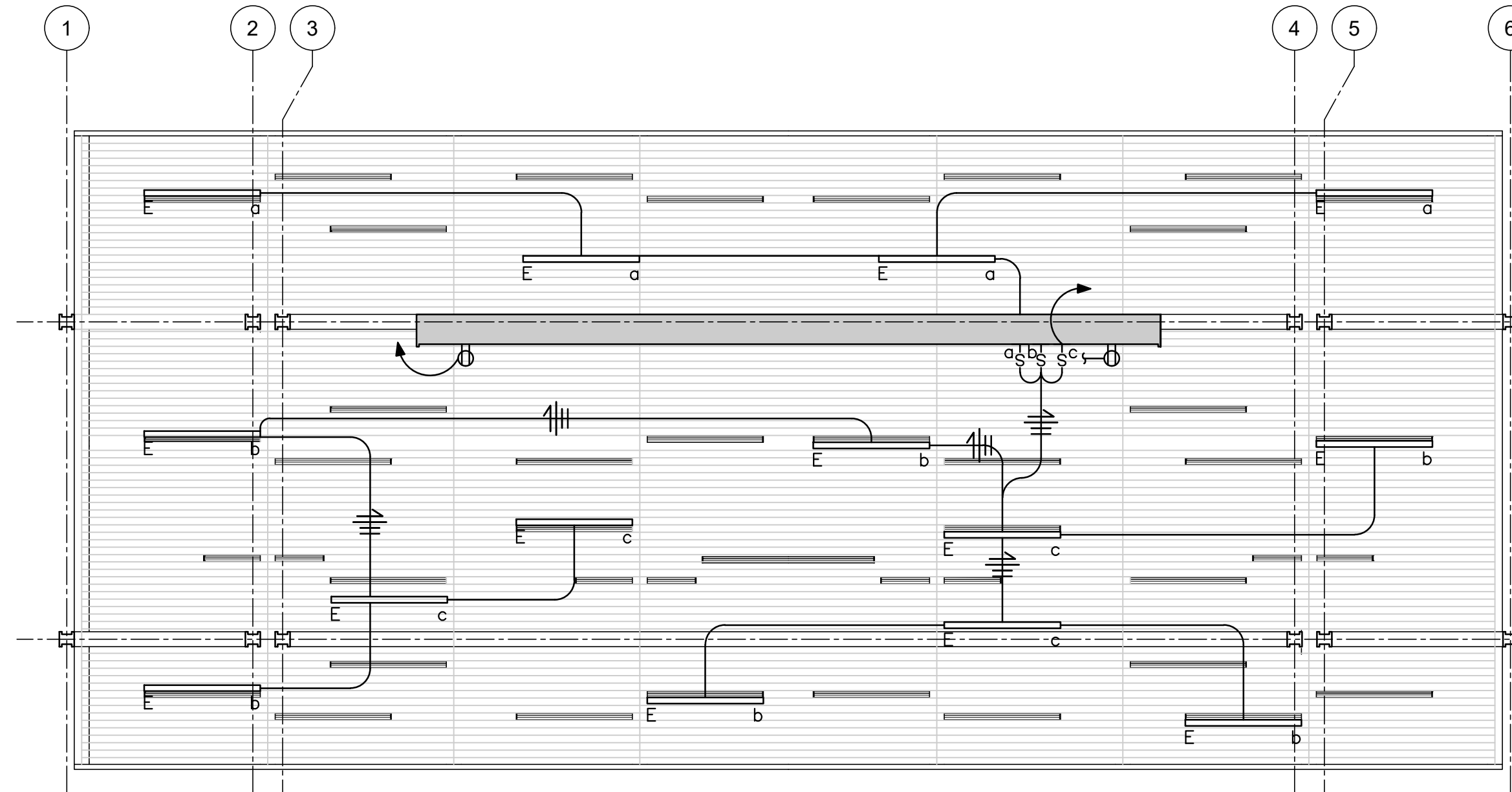
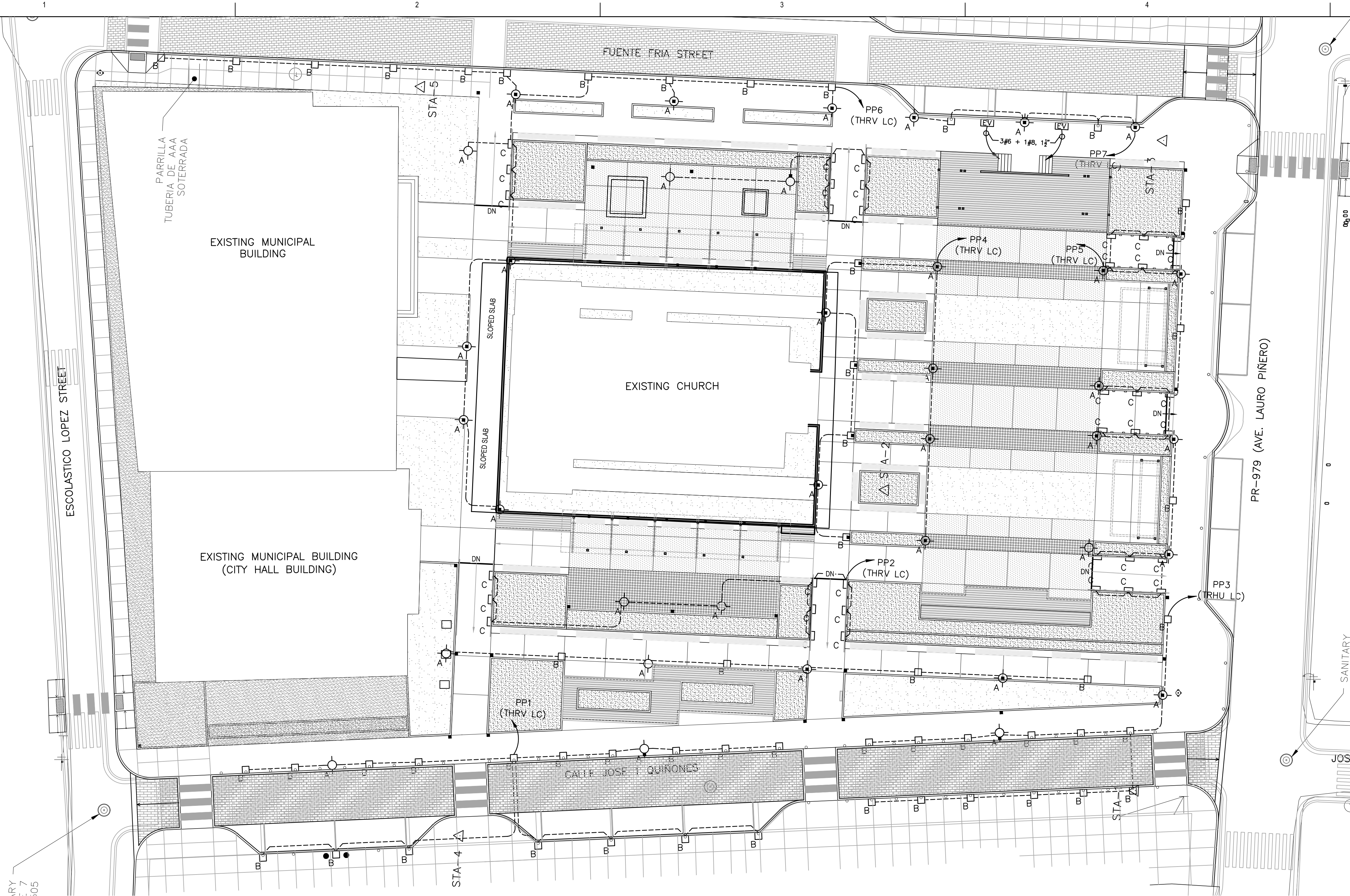
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E100

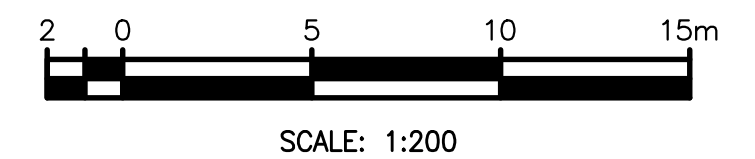
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PROPOSED LIGHTING PLAN
SCALE: 1:200



STAGE LIGHTING PLAN
SCALE: 1:50



LEGEND:

- PEDESTRIAN LIGHTING
- BOLLARD LIGHTS
- STEP LIGHTS



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YO, GUSTAVO RIECKHOFF, LIC. 17138, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTENDO QUE DICHO 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. CERTIFICO, ADemás, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 315 DEL 15 DE MAYO DE 1998, SEGÚN ENMIENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, SEGÚN APLICABLE; RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA, FALSIFICACIONES 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 CONDOMINIO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA DOPE.

PROJECT INFORMATION

REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
1	30% DESIGN DEVELOPMENT	10/11/22

DATE ISSUED: 03/07/23
REVIEWED BY: LMR
DRAWN BY: LRT
DESIGNED BY: LMR
BRA PROJECT NUMBER: 22010

SHEET TITLE

PROPOSED
ELECTRICAL PLAN

SHEET ID

E200

- GENERAL NOTES:**
- THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - SPECIFICATIONS NOTED ON THESE DRAWINGS SHALL BE OF THE LATEST VERSION.
 - STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
 - NO OPENINGS, OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS, SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
 - NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERSHIP SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
 - OPENINGS 1'-4" AND LESS ON A SIDE ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SUCH OPENINGS.
 - THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
 - HORIZONTAL MOVEMENT OF ANY HEAVY EQUIPMENT OVER STRUCTURAL FLOORS OR ROOF AND ITS TEMPORARY AND/OR PERMANENT LOCATIONS MUST BE PREVIOUSLY APPROVED BY THE ENGINEER SO AS NOT TO OVERLOAD THE STRUCTURE OR IN ANY OTHER WAY IMPAIR THE STRUCTURE. SAME PRECAUTION SHALL BE TAKEN FOR THE PILING OF CONSTRUCTIONS MATERIALS.
 - THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
 - ALL STRUCTURES HAVE BEEN DESIGNED ACCORDING TO FINAL BEHAVIOR AND CONDITIONS. HOWEVER, DURING ERECTION OF SAME, CERTAIN CONDITIONS CAN ARISE FOR WHICH THE BEHAVIOR OR THE STRUCTURE HAS NOT BEEN CONTEMPLATED. THEREFORE, THE CONTRACTOR SHOULD PROVIDE AT ALL TIME ADEQUATE SHORING AND RESTORING UNTIL THE DESIGN CONDITIONS HAVE BEEN MET. IF THERE IS ANY DOUBT DURING ANY PHASE OF THE CONSTRUCTION, PLEASE CONSULT AND/OR NOTIFY THE STRUCTURAL ENGINEER.
 - DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
 - NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
 - CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.
 - THE CONTRACTOR SHALL INFORM THE ARCHITECT/ENGINEER IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL OF RECORD REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL OF RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE PROFESSIONAL OF RECORD HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
 - WHERE "OWNER" IS MENTIONED IN PLANS IT IS TO BE UNDERSTOOD EITHER OWNER OR HIS AUTHORIZED REPRESENTATIVE.
 - CONTRACTOR SHALL SUBMIT FOR OWNERS APPROVAL LOCATION AND DETAILS OF CONSTRUCTION JOINTS IN SLABS AND BEAMS, AND IN ANY OTHER STRUCTURAL MEMBERS.
 - CONTRACTOR MUST VERIFY ALL DIMENSIONS ON STRUCTURAL PLANS PRIOR TO THE DIMENSIONS ON ARCHITECTURAL PLANS BEFORE LAYING OUT THE WORK.
 - CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING FIELD CONDITIONS PRIOR TO STARTING CONSTRUCTION. IF ANY DISCREPANCY ARISES IN THE STRUCTURAL AND ARCHITECTURAL PLANS, THE ARCHITECTS AND ENGINEERS SHALL BE NOTIFIED IMMEDIATELY.
 - CONTRACTOR MUST PROVIDE, SET AND VERIFY DIMENSIONS AND LOCATION OF ALL ANCHORS, INSERTS BOLTS, SLEEVES, CONDUITS, ETC., SHOWN OR NOTED IN ARCHITECTURAL AND/OR MECHANICAL AND PLUMBING PLANS BEFORE THE CONCRETE IS POURED.
 - PROVISIONS FOR DETAILS NOT SPECIFICALLY DRAWN SHALL BE MADE BY THE CONTRACTOR IN ACCORDANCE WITH THE LATEST VERSION OF THE BUILDING CODE AND/OR AISC SPECIFICATIONS AND CLARIFIED WITH THE STRUCTURAL ENGINEER.
 - ALL DETAILS, SECTIONS AND NOTES SHOWN ON DRAWINGS AND INTENDED TO BY TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS NOTED OTHERWISE.
 - IN CASE OF DOUBT IN THE INTERPRETATION OF ANY ASPECT OF THESE STRUCTURAL DRAWINGS AND/OR SPECIFICATIONS, THE STRUCTURAL ENGINEER SHALL BE CONSULTED.
 - NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN OR OMITTED ON THE DRAWINGS.

REFERENCES:

- DESIGN, FABRICATION & CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS AND PROVISIONS OF THE FOLLOWING CODES AND SPECIFICATIONS THEIR COMMENTARIES AND THE STANDARDS REFERENCED THEREIN.
- ALL CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS AND PROVISIONS OF THE FOLLOWING:
- AMERICAN CONCRETE INSTITUTE 318-14 (ACI)
 - INTERNATIONAL BUILDING CODE (IBC) 2018.
 - PUERTO RICO BUILDING CODE 2018
 - AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
 - CONCRETE REINFORCING STEEL INSTITUTE (CRSI)
 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
 - AMERICAN WELDING SOCIETY (AWS)
 - MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES - ASCE/SEI 7-2016

DESIGN LOADS:

- STEEI STRUCTURES:
 - ROOF DEAD LOAD = 10 PSF
 - ROOF LIVE LOAD = 20 PSF
 - WIND RISK CATEGORY II
 - DESIGN BASIC WIND SPEED FOR MAIN STRUCTURE = 164 MPH.
 - DESIGN CRITERIA - OTHER STRUCTURES:
 - EXPOSURE C
 - SITE CLASS I
 - S₀ = 0.978
 - S₁ = 0.370
 - S₂ = 0.783
- MATERIALS:**
- ALL CONCRETE SHALL DEVELOP A MINIMUM 28 DAYS COMPRESSIVE STRENGTH AS FOLLOWS:
 - FOUNDATIONS 3,000 PSI
 - SLAB ON GRADE 4,000 PSI
 - STRUCTURAL SLAB 4,000 PSI
 - BEAMS 4,000 PSI
 - COLUMNS 4,000 PSI
 - WALLS 4,000 PSI
 - PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE I.
 - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
 - ALL REINFORCING BARS SHALL BE HIGH TENSILE DEFORMED MEETING ASTM A-615 GRADE 60, UNLESS NOTED OTHERWISE ON SPECS AND/OR DRAWINGS.
 - CONCRETE MASONRY UNITS SHALL BE NORMAL WEIGHT BLOCK CONFORMING TO ASTM C-90, GRADE N, TYPE 1, AND SHALL HAVE COMPRESSIVE STRENGTH OF 1900 PSI.
 - MORTAR SHALL CONFORM TO ASTM C-270.
 - MORTAR GROUT SHALL CONFORM TO ASTM C-476.
 - CONTINUOUS WIRE REINFORCING (JOINT REINFORCING) SHALL BE GALVANIZED TRUSS TYPE FABRICATED UNITS WITH A SINGLE PAIR OF 9 GAUGE SIDE RODS AND 9 GAUGE CONTINUOUS DIAGONAL CROSS RODS FABRICATED FROM COLD-DRAWN STEEL WIRE COMPLYING WITH ASTM A-82.

FOUNDATIONS:

- FOUNDATIONS HAVE BEEN DESIGNED FOR A BEARING CAPACITY OF 3000 PSF BASED ON THE STUDY PERFORMED BY EARTH ENGINEERS, INC. JOB NO. EEI-22-121129. CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF THE REPORT AND FOLLOW ALL THE CONSTRUCTIONS GUIDELINES FOR THE PROJECT IN IT.
- FOOTINGS MAY BE POURED INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.
- FOUNDATION WALLS THAT RETAIN EARTH SHALL BE BRACED AGAINST BACKFILLING PRESSURES UNTIL FLOOR SLABS AT TOP AND BOTTOM ARE IN PLACE.
- WHERE FOUNDATION WALLS ARE TO HAVE EARTH PLACED ON EACH SIDE, PLACE FILL SIMULTANEOUSLY SO AS TO MAINTAIN A COMMON ELEVATION ON EACH SIDE OF THE WALL.
- FOUNDATION WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND INSPECTION, AS PER TECHNICAL SPECIFICATIONS AND SUBMIT REPORT FOR THE PROJECT.
- ALL BACKFILL SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY.
- ALL EXCAVATIONS AND BACKFILLS SHALL BE INSPECTED FOR COMPLIANCE WITH THE SUBSOIL REPORT RECOMMENDATIONS.
- CONTRACTOR SHALL SUBMIT, PRIOR TO INSTALLATION ALL REINFORCING STEEL SHOP DRAWINGS. SHOP DRAWINGS SHALL BE SEALED & SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN PUERTO RICO.
- CONCRETE ITEMS AND REINFORCEMENT SHALL BE ERECTED IN STRICT ACCORDANCE WITH OWNER APPROVED SHOP AND ERECTION DRAWINGS FOLLOWING THE DETAILS SHOWN ON PLANS.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PRODUCE CORRECTLY ALIGNED CONCRETE CONSIDERING AMONG OTHER THINGS, THE ELASTIC DEFORMATION OF THE STRUCTURAL MEMBERS.
- AT HORIZONTAL JOINTS IN WALLS AND COLUMNS, THE LOWER SURFACE SHALL BE THOROUGHLY CLEANED AND ALL WEAR OR LOOSE CONCRETE REMOVED FROM THERE BEFORE POURING THE UPPER CONCRETE (SEE SPECS. FOR ADDITIONAL REQUIREMENTS). NO JOINT SHALL BE COVERED WITH PLASTER OR OTHERWISE WITHOUT A VISUAL EXAMINATION AND APPROVAL BY THE INSPECTOR.
- NO DEFECTIVE CONCRETE SHALL BE CORRECTED OR COVERED WITH MORTAR, PLASTER ETC. WITHOUT THE INSPECTOR'S APPROVAL.
- SUMP OF CONCRETE SHALL NOT EXCEED 4" UNLESS A HIGH RANGE WATER-REDUCING ADMIXTURE IS USED. THE SUMP OF CONCRETE PRIOR TO ADDITION OF A HIGH RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 4". THE SUMP OF CONCRETE CONTAINING A HIGH RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 10".
- CONCRETE SHALL BE NON-AIR ENTRAINED. AIR CONTENT SHALL BE BETWEEN 0 AND 3.5 PERCENT.
- THE NOMINAL MAXIMUM AGGREGATE SIZE SHALL BE OF 3/4".
- CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW WELL IN ADVANCE OF CONCRETE PLACEMENT. CONCRETE MIX DESIGN SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS FOR EITHER THE TRIAL BATCH OR FIELD EXPERIENCE METHOD AND SHALL BE CERTIFIED BY A REGISTERED LICENSED ENGINEER. PHYSICAL TESTS RESULTS FOR COARSE AND FINE AGGREGATES SHALL ALSO BE SUBMITTED CERTIFIED BY A REGISTERED ENGINEER.

- MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE:
 - UNFORMED SURFACE IN CONTACT WITH THE GROUND 3 IN.
 - FORMED SURFACES EXPOSED TO EARTH OR WEATHER:
 - #6 BARS AND LARGER 2 IN.
 - #5 BARS AND SMALLER 1-1/2 IN.
 - FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER:
 - BEAMS, GIRDERS, AND COLUMNS 1-1/2 IN.
 - SLABS, WALLS AND JOISTS 1-1/2 IN.
 - #11 BARS AND SMALLER 3/4 IN.
 - #14 AND #18 BARS 1-1/2 IN.
- ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED, IN ACCORDANCE WITH ACI DETAILING MANUAL (SP-66) AND "THE MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION" BY THE CRSI.
- ALL REINFORCING SHALL BE SUPPORTED IN FORMS USING STEEL CHAIRS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRE TIED TOGETHER, IN ACCORDANCE WITH CRSI "MANUAL OF STANDARD PRACTICE".
- LAP SPLICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE, WHERE CLASSES ARE NOT CALLED OUT ON DRAWINGS, USE CLASS "B" SPLICE.

SPLICES TABLE (GRADE 60)

STRENGTH TABLE (CONC'D)						
BAR SIZE	f'c (psi)	TENSION				COMPRESSION SPLICE
		TOP BARS		OTHER BARS		
		A	B	A	B	
#3	3,000	22"	28"	17"	22"	12"
	4,000	19"	25"	15"	19"	12"
	5,000	17"	22"	13"	17"	12"
#4	3,000	29"	36"	22"	29"	15"
	4,000	25"	33"	19"	25"	15"
	5,000	23"	29"	17"	23"	15"
#5	3,000	36"	47"	28"	36"	19"
	4,000	31"	41"	24"	31"	19"
	5,000	28"	36"	22"	28"	19"
#6	3,000	43"	56"	33"	43"	23"
	4,000	37"	49"	29"	37"	23"
	5,000	34"	44"	26"	34"	23"
#7	3,000	63"	81"	48"	63"	27"
	4,000	54"	71"	42"	54"	27"
	5,000	49"	63"	38"	49"	27"

- COMPRESSION DOWEL EMBEDMENT: 22 BAR DIAMETERS LAP WELDED WIRE FABRIC ONE SPACING OF CROSS WIRES PLUS 2".
- BASE PLATES, ANCHOR BOLTS, SUPPORT ANGLE, ETC., BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" OF CONCRETE.
- CONCRETE WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND INSPECTIONS. SEE QUALITY ASSURANCE GENERAL NOTES AND PROJECT SPECIFICATIONS.
- ALL SYMBOLS AND STRESSES AS WELL AS CONCRETE WORK SHALL CONFORM TO THE STANDARD OF THE LATEST VERSION OF THE ACI BUILDING CODE.
- ALL SLAB AND CORRESPONDING BEAMS, CURBS, OR APRONS SHALL BE SECURED MONOLITHICALLY.
- ALL REINFORCING, SLEEVES, CONDUITS, INSERTS AND BOLTS SHALL BE WELL COVERED AND IN PLACE BEFORE CONCRETE IS POURED.
- ALL OPENINGS IN CONCRETE WALLS SHALL BE REINFORCED AROUND WITH 2 #5 BARS PLACED AT 2 INCHES FROM THE FACE AND EXTENDING 24 INCHES BEYOND CORNERS, UNLESS OTHERWISE SPECIFIED IN PLANS.
- TEMPERATURE REINFORCEMENT SHALL BE PROVIDED IN ALL ONE WAY SLAB NORMAL TO THE PRINCIPAL REINFORCEMENT IN ACCORDANCE THE LATEST VERSION OF THE ACI BUILDING CODE.
- TEMPERATURE REINFORCEMENT SHALL BE AS FOLLOWS: (UNLESS NOTED OTHERWISE)

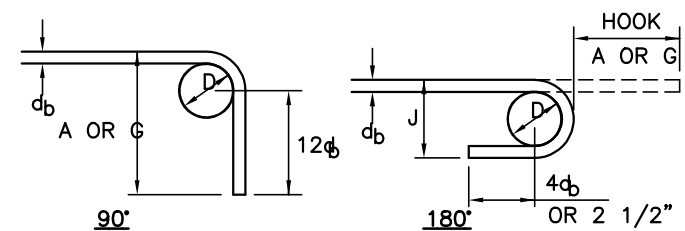
T = 4"	#4 @ 12"
T = 5"	#4 @ 12"
T = 6"	#4 @ 10"
T = 7"	#4 @ 10"
T = 8"	#4 @ 12" E.F.
- FOR CONSTRUCTION JOINTS IN STRUCTURAL MEMBERS A VERTICAL BULKHEAD AND KEY JOINT MUST BE PROVIDED.
- MINIMUM LAP OF WELDED WIRE FABRIC SHALL BE 6 INCHES OR ONE FULL MESH, WHICHEVER IS GREATER.
- SLAB ON GROUND, AS INDICATED ON DRAWINGS.
- FOR CONCRETE FORMWORK, SURFACE FINISHING, BEVELED CORNERS AND DRIPS, SEE ARCHITECTURAL PLANS.
- PLACEMENT OF CONCRETE SHALL CONFORM TO ACI STANDARD 304 AND PROJECT SPECIFICATIONS.
- PROVIDE DOWELS IN PEDESTAL AND/OR WALL FOOTINGS EQUAL IN GRADE, SPACING, SIZE AND NUMBER TO THE DOWEL REINFORCEMENT, EXTENDING A TENSION SPICE LENGTH INTO THE PEDESTAL AND/OR WALL AND 40 BAR DIAMETER INTO FOOTING. (THE LATERAL EMBEDMENT SHALL BE EXTENDED AS NECESSARY TO PROVIDE A MINIMUM HORIZONTAL LEG RESTING ON FOOTING REINFORCEMENT EQUAL TO THE CORRESPONDING "G" LENGTH FOR THE BAR SIZE.)
- CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL SO AS TO CAUSE SEGREGATION OF AGGREGATES IN SUCH CASES, HOPPERS OR PORTLAND CEMENT OR TRUNGS SHALL BE USED. THE FREE UNCOMPACTED FALL OF CONCRETE SHALL NOT EXCEED THE ABOVE REQUIREMENTS.
- THE SIZE OF NAILS AND SIMILAR FASTENERS DRIVEN INTO CONCRETE SHALL BE SUCH, AS NOT TO CRACK OR IMPAIR IT. NEVERTHELESS, IF THE CONCRETE IS DAMAGED, IT SHALL BE PROPERLY REPAIRED AFTER REMOVING THE DAMAGED PORTION AND SUTABLE SURFACE ARE PROVIDED.
- ALL CAST IN PLACE REINFORCED CONCRETE STRUCTURAL MEMBERS SHALL BE PROPERLY CURED IN ACCORDANCE WITH THE LATEST VERSION OF THE ACI CODE, CHAPTER V AND ACI 308.
- ALL LAPPING, BENDING AND PLACING OR REINFORCEMENT SHALL BE DONE IN ACCORDANCE WITH THE LATEST VERSION OF THE ACI BUILDING CODE.
- ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
- ALL NEGATIVE REINFORCEMENT (TOP REINF.) AND POSITIVE REINFORCEMENT (BOTTOM REINF.) IN SLABS AND BEAMS SHALL BE EXTENDED BEYOND THE CENTER LINE OF THE END SUPPORTS IN ACCORDANCE WITH THE LATEST VERSION OF THE ACI BUILDING CODE, UNLESS OTHERWISE SPECIFIED.
- WELDING OF REINFORCEMENT SHALL BE WITH LOW HYDROGEN ELECTRODES IN CONFORMANCE WITH "REINFORCING STEEL WELDING CODE" AND "RECOMMENDED PRACTICES FOR WELDING REINFORCING STEEL" BOTH BY THE AWS (D12.1 & AWS D14 RESPECTIVELY).
- ALL FORMWORK FOR FLEXURAL MEMBERS SHALL BE BUILT WITH A CAMBER CORRESPONDING TO ITS OWN DEFORMATION PLUS THE STRUCTURAL DEAD LOAD DEFORMATIONS. IN DETERMINING THE AMOUNT OF CAMBER, THE CONTRACTOR SHALL HAVE THE ASSISTANCE OF THE DESIGNER WHERE SO REQUESTED.
- NO JOINT, OPENING, SLOT OR GROOVE OTHER THAN THAT SHOWN ON DRAWINGS SHALL BE PERMITTED WITHOUT PREVIOUS APPROVAL BY THE ENGINEER. ALL CONSTRUCTION JOINT SURFACES SHALL BE CLEANED AND ROUGHENED IMMEDIATELY BEFORE CONCRETING AND TREATED AS INSTRUCTED IN THE "ACI MANUAL OF CONCRETE PRACTICE".
- CONDUIT/SLAB THICKNESS AND WALLS SHALL BE PLACED BETWEEN THE TOP & BOTTOM REINFORCEMENT, UNLESS SPECIFICALLY DETAILED OTHERWISE. CONCENTRATIONS OF CONDUITS OR PIPES SHALL BE AVOIDED EXCEPT WHERE DETAILED OPENINGS ARE PROVIDED.
- WATER-CEMENT RATIO REQUIREMENTS FOR DIFFERENT COMPRESSIVE STRENGTHS OF CONCRETE.

COMPRESSIVE STRENGTH WATER-CEMENT RATIO BY WEIGHT

AT 28 DAYS, PSI	AIR ENTRAINED CONCRETE	NON-AIR ENTRAINED CONCRETE
6,000	0.41	---
5,000	0.48	0.40
4,500	0.50	0.42
4,000	0.55	0.45
3,500	0.58	0.50
3,000	0.62	0.56
2,500	0.72	0.66

END HOOKS FOR ALL GRADES

BAR SIZE	FINISHED BEND DIAMETER "D", IN.	180° HOOKS	90° HOOKS
#3	2 1/4"	5"	3"
#4	3"	6"	4"
#5	3 3/4"	7"	5"
#6	4 1/2"	8"	6"
#7	5 1/4"	10"	7"
#8	6"	11"	8"
#9	9 1/2"	1-3"	11 3/4"



STRUCTURAL STEEL:

- STEEL SHALL CONFORM TO THE FOLLOWING GRADES:

ALL WF, CHANNELS, ANGLES, PLATES, ETC. (UNO) A36	A500 (Fy=46)
STRUCTURAL TUBE	A307 (Fy=35)
STEEL PIPE	A325
ANCHOR BOLTS AND UNFINISHED BOLTS	E333, CLASS E 7018XX
BOLTS, NUTS AND WASHERS	
WELDING ELECTRODES	
- ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE (1990), EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS AND/OR DRAWINGS.
- THE STEEL STRUCTURE IS A PARTIAL-SELF-SUPPORTING STEEL FRAME AND IS DEPENDENT UPON DIAPHRAGM ACTION OF THE METAL ROOF DECK AND ATTACHMENT TO THE MASONRY WALLS FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES. PROVIDE ALL TEMPORARY SUPPORTS REQUIRED FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES UNTIL THESE CONDITIONS ARE COMPLETE AND ARE CAPABLE OF PROVIDING THIS SUPPORT.
- THE FABRICATOR IS RESPONSIBLE FOR THE SHOP DRAWINGS OF ALL CONNECTIONS. CONNECTIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE SCHEMATIC AND ARE ONLY INTENDED TO SHOW THE RELATIONSHIP OF MEMBERS CONNECTED. CONNECTION DETAILS INDICATED ON THE DRAWINGS SHALL BE INCORPORATED INTO FABRICATOR'S CONNECTION DESIGN. ALL SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY THE FABRICATOR'S ENGINEER WITH THE ENGINEER'S SEAL. ENGINEER'S SEAL MAY BE OBLIQUE FOR DETAILING OF CONNECTIONS ONLY.
- SPLICING OF STEEL MEMBERS, UNLESS SHOWN ON THE DRAWINGS, IS PROHIBITED WITHOUT WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
- UNLESS NOTED OTHERWISE, BEAMS SHALL BEAR 8" MINIMUM ON CONCRETE OR MASONRY. UNLESS NOTED OTHERWISE, ANCHOR BEAMS TO MASONRY WITH TWO (2) 3/4" DIAMETER ANCHOR BOLTS WITH 4" HOOK AND 1'-4" EMBEDMENT.
- STRUCTURAL STEEL WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING & INSPECTIONS. SEE QUALITY ASSURANCE GENERAL NOTES AND PROJECT SPECIFICATION. AISC, ASTM & AWS SPECIFICATIONS WILL GOVERN ALL STRUCTURAL STEEL WORKS.
- DESIGN & CONSTRUCTION SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION STANDARD PRACTICE.
- STRUCTURAL STEEL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER AND IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY, AWS, REQUIREMENTS.
- ALL INSPECTION AND TESTING OF WELDING SHALL BE DONE IN ACCORDANCE TO SECTION 501 TRUE 607 OF THE AWS D10-89 CODE FOR WELDING IN BUILDING CONSTRUCTION.
- ALL CONNECTIONS SHALL BE BEARING TYPE UNLESS OTHERWISE SPECIFIED ON PLANS.
- SHOP DRAWINGS FOR ALL STRUCTURAL STEEL FABRICATION AND ERECTION SHALL BE SUBMITTED TO THE DESIGNER FOR APPROVAL WELL IN ADVANCE OF CONSTRUCTION.
- INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON-CONFORMING MATERIAL OR CONDITIONS SHALL BE REPORTED TO THE ENGINEER FOR REVIEW AND APPROVAL OR REJECTION, PRIOR TO REMEDIAL OR CORRECTIVE ACTION TO BE IMPLEMENTED.

METAL DECK:

- METAL ROOF DECK SHALL COMPLY WITH THE REQUIREMENTS OF THE STEEL DECK INSTITUTE SPECIFICATIONS AND COMMENTARY FOR STEEL ROOF DECK (2012).
- METAL ROOF DECK SHALL BE DESIGNED BY THE MANUFACTURER. THE MANUFACTURER'S ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN, ADEQUACY AND SAFETY OF ALL METAL ROOF DECK. ALL SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY THE MANUFACTURER'S ENGINEER WITH THE ENGINEER'S SEAL.
- METAL ROOF DECK SHALL BE CONFIGURATION, DEPTH AND MINIMUM GAGE AS SHOWN ON THE DRAWINGS. ATTACHMENT TO THE SUPPORTING STRUCTURE SHALL BE AS SHOWN ON THE DRAWING AS A MINIMUM. SEE SHOP PLAN NOTES.
- DO NOT HANG OR SUPPORT ANY LOADS FROM METAL ROOF DECK.
- METAL ROOF DECK SHALL BE CONTINUOUS OVER A MINIMUM OF THREE SPANS.
- METAL ROOF DECK WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND SPECIFICATIONS.

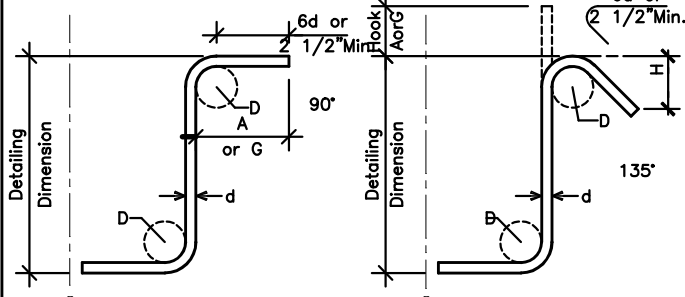
SOIL BACKFILLING NOTES:

- HERE THE FOLLOWING RECOMMENDATIONS ARE GIVEN AS GUIDE FOR THE SITE DEVELOPMENT
- BEFORE ANY PLACEMENT OF FILL IS MADE, ROLL THIS POSTED GRATE TO RECEIVE FIELD, ROLL AND COMPACT THE EXPOSED GRADE UNTIL 90% OF THE CORRESPONDING MAXIMUM DRY DENSITY (MDD) IS IMPORTANT. IF ANY WEAK OR SOFT SPOT IS UNCOVERED, IT SHALL BE FULLY EXCAVATED.
 - MAXIMUM DRY DENSITY OF THE EXISTING SOIL, AND OF ANY EITHER IMPORTED SHALL ALWAYS BE DETERMINED BY LABORATORY TESTS CONDUCTED AS PER ASTM D1557 STANDARD. MODIFY PROCTOR TEST.
 - WATERING OF EXPOSED GREAT SHALL BE CONDUCTED AFTER ANY COMPACTION EFFORT IS IMPARTED. MOISTURE SHOULD RANGE FROM 2 TO 4% OF THE CORRESPONDING OPTIMUM (OCM), BEFORE ANY COMPACTION.
 - START BACKFILLING. THE BACKFILL MATERIAL SHALL POSSESS NO SWELLING/SHRINKAGE PROPERTIES NOR CONTAIN ANY FOREIGN OR ORGANIC MATTER AND SHOULD CLASSIFY AS AN A-2 ACCORDING TO ASHTO STANDARD SPECIFICATION M-145 AND SHALL CONTAIN SOIL FRACTION FINER THAN SIEVE NO. 200 BETWEEN 25 AND 35%.
 - ALL THE BACKFILLING OPERATIONS MUST BE CONDUCTED IN DRY CONDITIONS. IN NO CASE FILL PLACEMENT UNDER EXCESS WATER IS ALLOWED.
 - THE FILL MATERIAL SHALL BE EVENLY SPREAD ALONG THE FILL AREA IN LAYERS OR LIFT NOT EXCEEDING 8 INCHES THICKNESS MEASURED, AND EACH LAYER SHALL BE IMPARTED WITH A MAXIMUM PERCENT OF COMPACTION OF 95% OF THE CORRESPONDING MAXIMUM DRY DENSITY OF THE EXPOSED SOIL IS IMPARTED. THE MOISTURE CONTENT OF THE EXPOSED GRADE BEFORE COMPACTION EFFORT IS IMPARTED WITHIN 2 TO 4.0% HIGHER THAN THE CORRESPONDING OPTIMUM MOISTURE CONTENT (OMC) COULD BE NECESSARY.
 - NO BACKFILL MATERIAL SHALL BE PLACED, SPREAD NOR ROLLER DURING UNFAVORABLE WEATHER CONDITIONS. WHEN THE WORKING INTERRUPTED BY HEAVY RAINS, FILL/BACKFILL OPERATIONS SHALL NOT BE RESUMED UNTIL THE FIELD TEST MADE BY THEIR GEOTECHNICAL ENGINEER OR HIS/HER REPRESENTATIVE INDICATES THAT THE MOISTURE CONTENT AND DENSITY OF THE FILL/BACKFILL ARE AS PREVIOUSLY SPECIFIED.
 - THIS PROCEDURE SHALL BE FOLLOWED INTO FINAL GRADES ARE REACHED.
 - ALL FILLING/BACKFILLING OPERATION SHALL BE SUPERVISED BY A GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE WHOM IS TO CERTIFY THE QUALITY DEGREE ACHIEVED AND SHALL SUBMIT HIS/HER PROFESSIONAL OPINION PREDICTING THE WOULD BE A DEEP FILL DEPOSITS BEHAVIOR UNDER THE ACTION OF THE ANTICIPATED LOADS.

ASTM STANDAR REINFORCING BARS

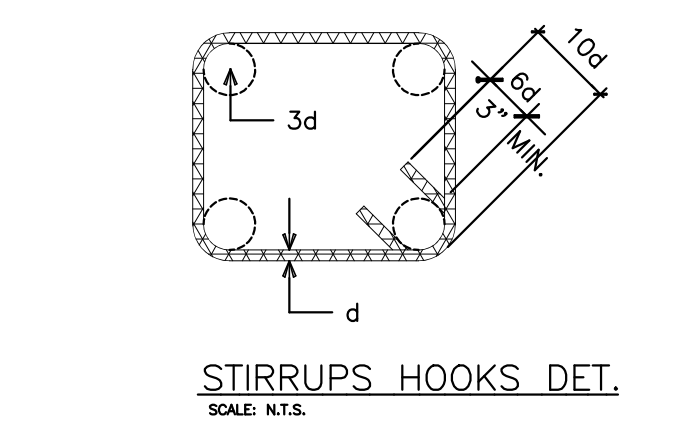
BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS-ROUND SECTIONS DIAMETER INCHES	CROSS SECTIONAL AREA SQ. IN.	PERIMETER INCHES
#3	.376	.375	.11	1.178
#4	.668	.500	.20	1.571
#5	1.043	.625	.31	1.963
#6	1.502	.750	.44	2.356
#7	2.044	.875	.60	2.749
#8	2.670	1.000	.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

STIRRUP AND TIE HOOKS



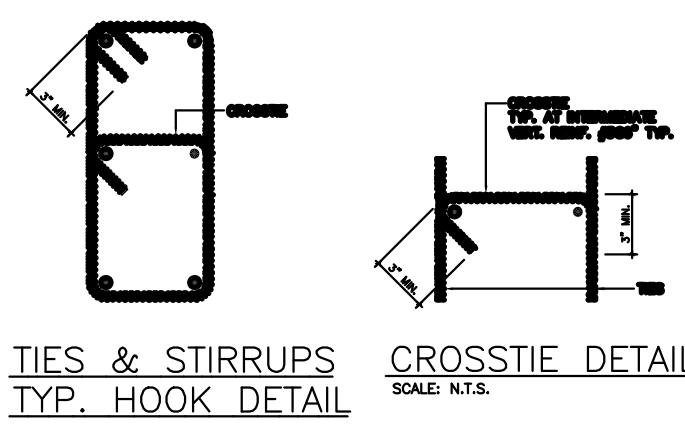
RECOMMENDED STIRRUP AND THE HOOK DIMENSIONS

Bar Size	D (in)	90 HOOK	135 HOOK
		A or G	A or G
#3	1 3/8"	4	4
#4	2"	4	4
#5	2 3/8"	6	5 3/8"



STIRRUPS HOOKS DET.

SCALE: N.T.S.



TIES & STIRRUPS TYP. HOOK DETAIL

SCALE: N.T.S.

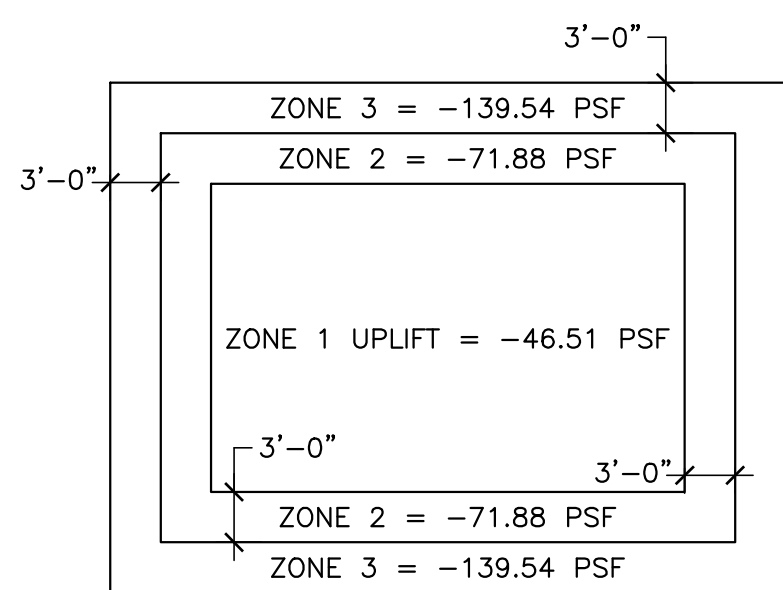


CROSSSTIE DETAIL

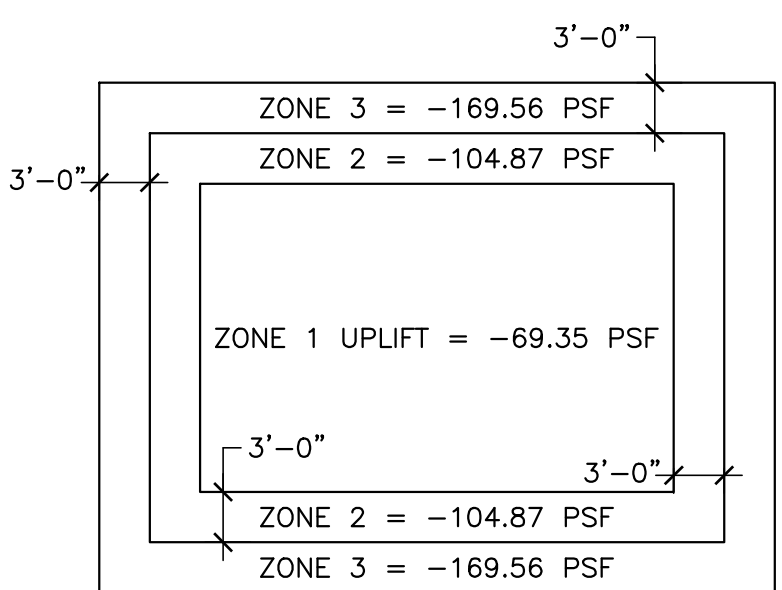
SCALE: N.T.S.

Tension Development Length (ld), (inches)
(Minimum Straight Embedment length) for bars spaced less than 6" in. c.c.

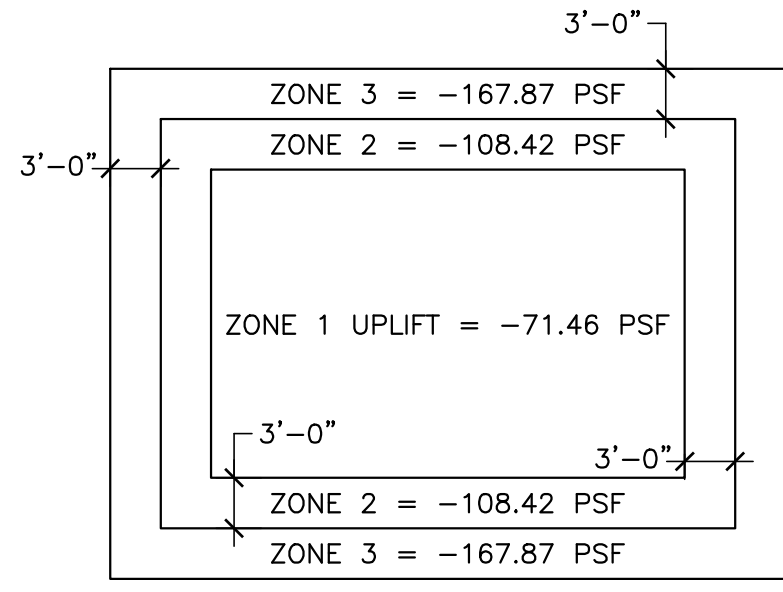
Bar Size	f'c=3,000 psi		f'c=3,500 psi		f'c=4,000 psi		f'c=5,000 psi		f'c=6,000 psi	
	Top Bars	Other Bars	Top Bars	Other Bars	Top Bars	Other Bars	Top Bars	Other Bars	Top Bars	Other Bars
#3	13	12	13	12	13	12	13	12	13	12
#4	17	12	17	12	17	12	17	12	17	12
#5	21	15	21	15	21	15	21	15	21	15
#6	27	19	25	18	25	18	25	18	25	18
#7	37	26	33	24	32	23	29	21	29	21
#8	48	35	43	31	42	30	38	27	34	25
#9	61	44	55	39	53	38	48	34	43	31
#10	78	56	70	50	67	48	60	43	55	39
#11	96	68	86	61	83	59	74	53	68	48
#14	130	93	117	83	113	81	101	72	92	66
#18	169	120	151	108	146	104	131	93	119	85



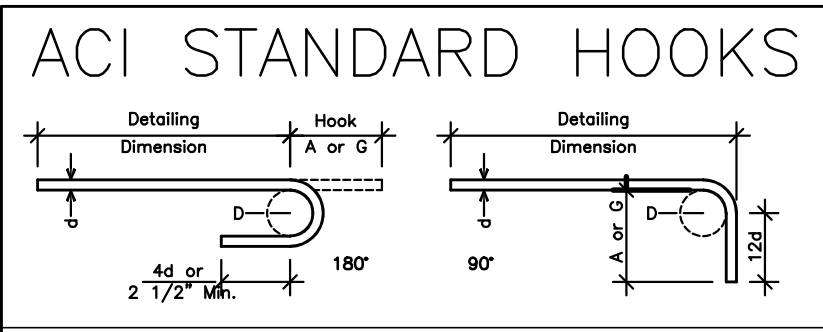
SHORT TRELLIS ROOF WIND ZONES FOR FASTENERS PATTERNS



LONG TRELLIS ROOF WIND ZONES FOR FASTENERS PATTERNS



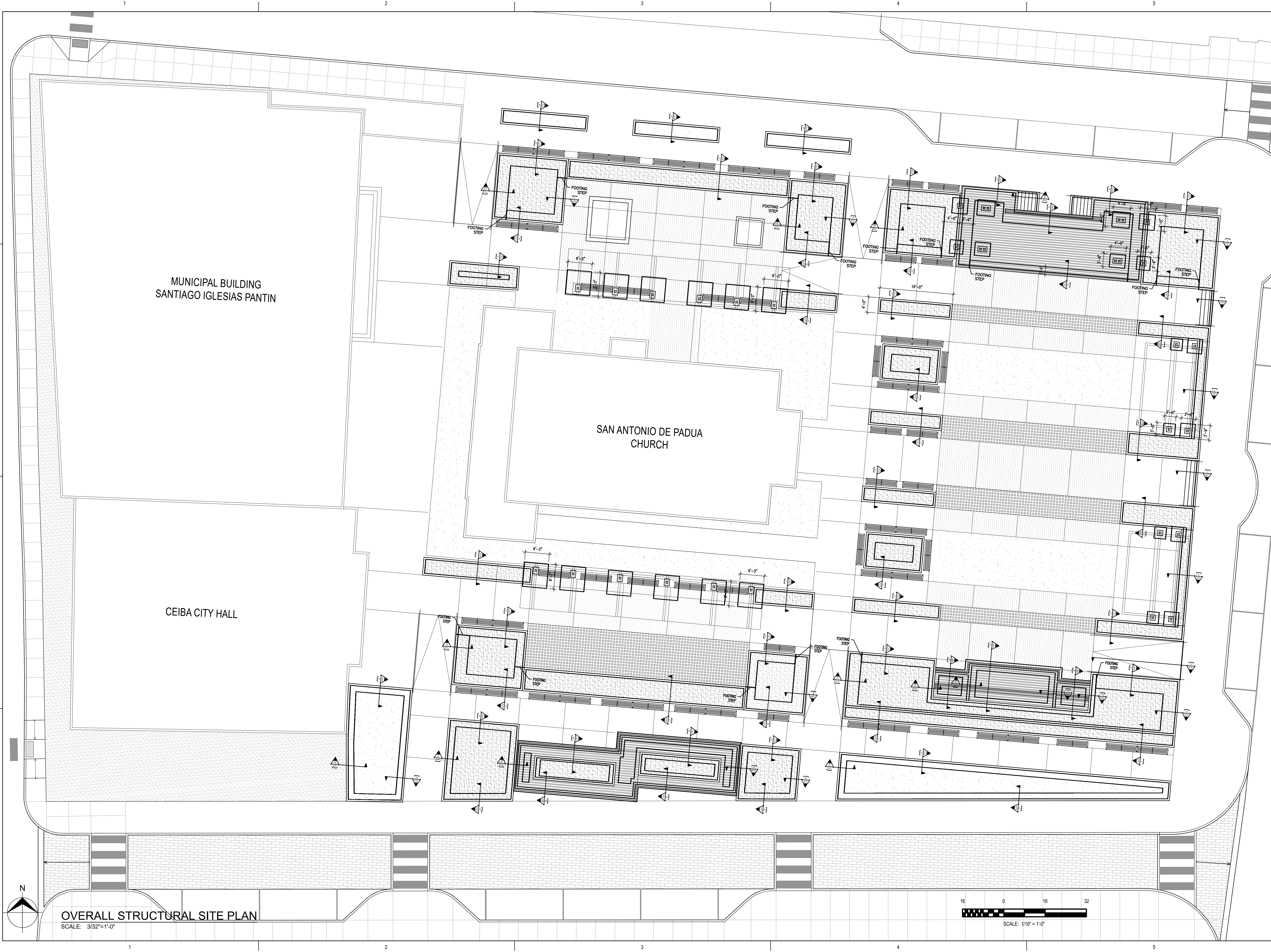
STAGE ROOF WIND ZONES FOR FASTENERS PATTERNS



ACI STANDARD HOOKS

SIZES OF 180-DEG. HOOKS	SIZES OF 90-DEG. HOOKS
All Grades	All Grades
D=6d for #3 through #9	D=6d for #

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YO, ESTEBAN LLOP RAMIREZ, LIC. 21508, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTENDIENDO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONSULTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCION, CERTIFICO, ADemás, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 310 DEL 15 DE MAYO DE 1998, SEGÚN ENMIENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA; SEGÚN APLICUÉ/RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA, FALSIFICACIONES 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 DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA DGEF.

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA		PUERTO RICO	
		REVISIONS	
NO.	DESCRIPTION	DATE	
A	90% DESIGN DEVELOPMENT	03.22.2023	

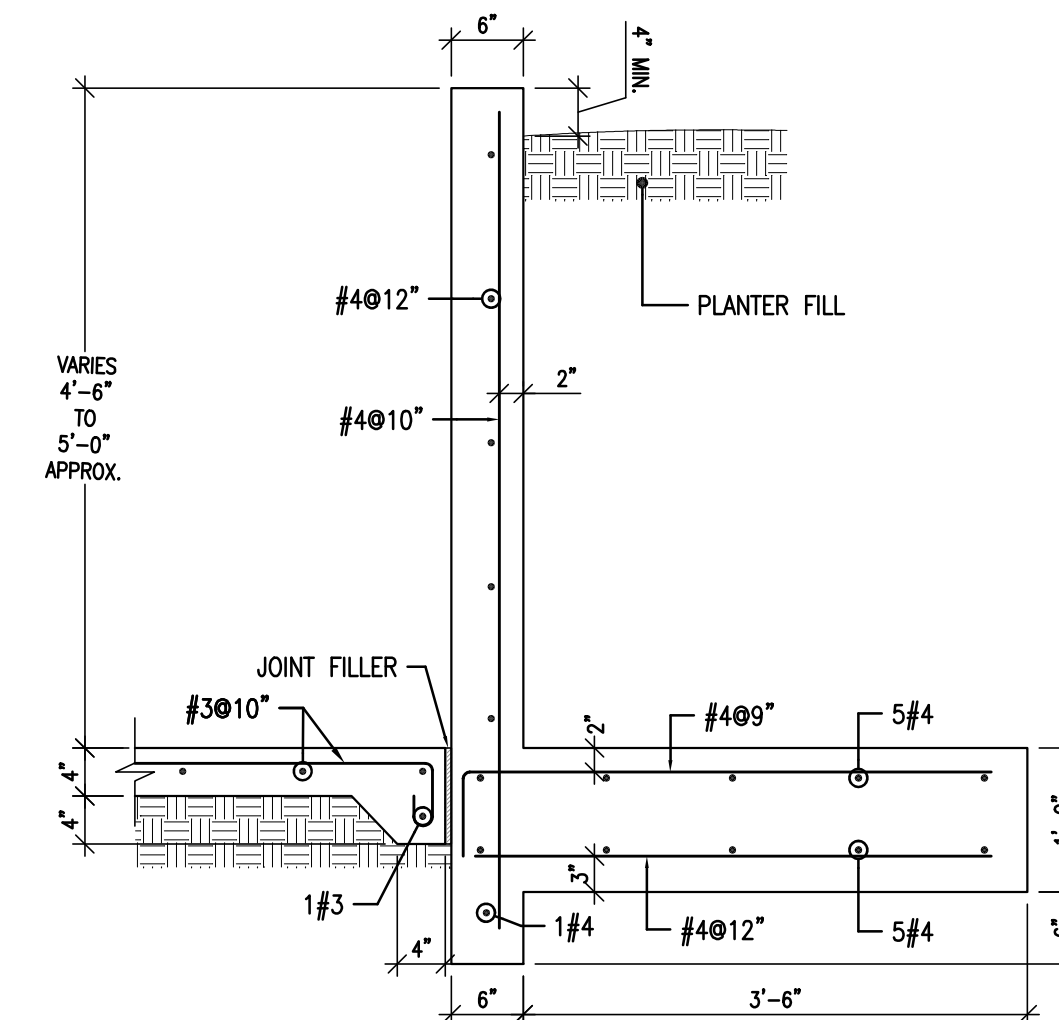
DATE ISSUED: 03/22/23
REVIEWED BY: ELLOP
DRAWN BY: ELLOP
DESIGNED BY: ELLOP
BRA PROJECT NUMBER: 22010

SHEET TITLE

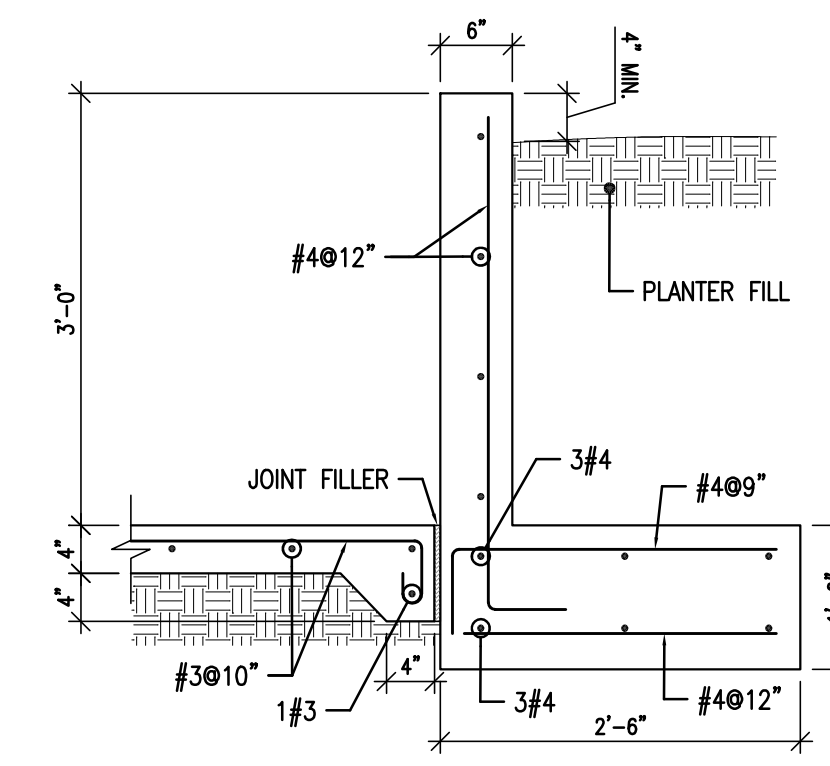
OVERALL
STRUCTURAL SITE
PLAN

SHEET ID

S101



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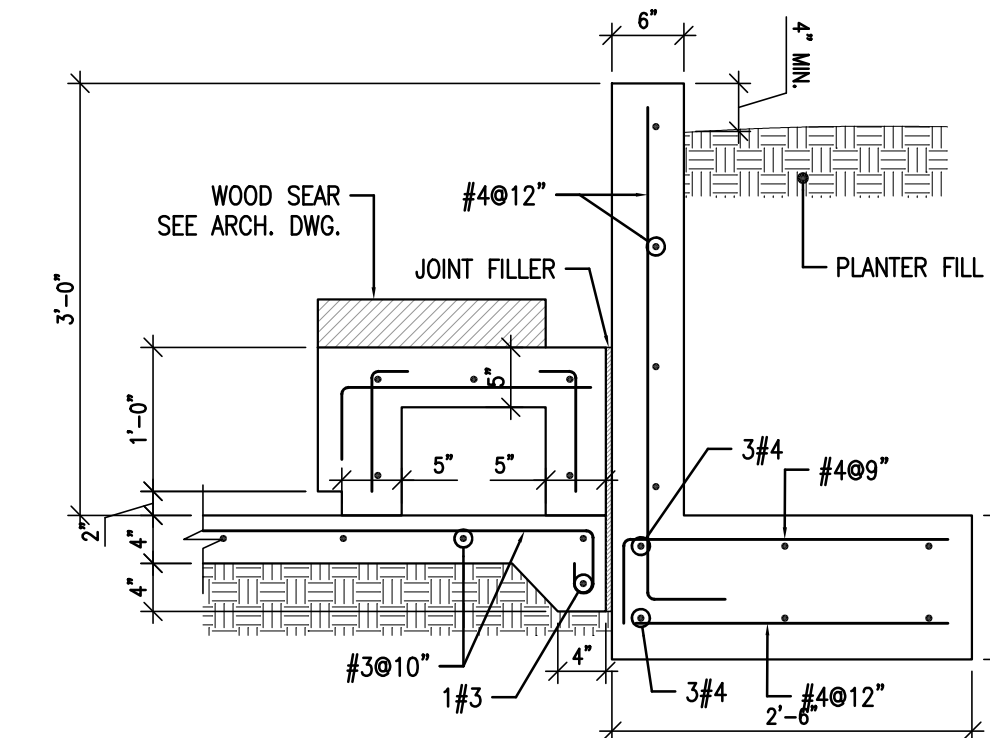


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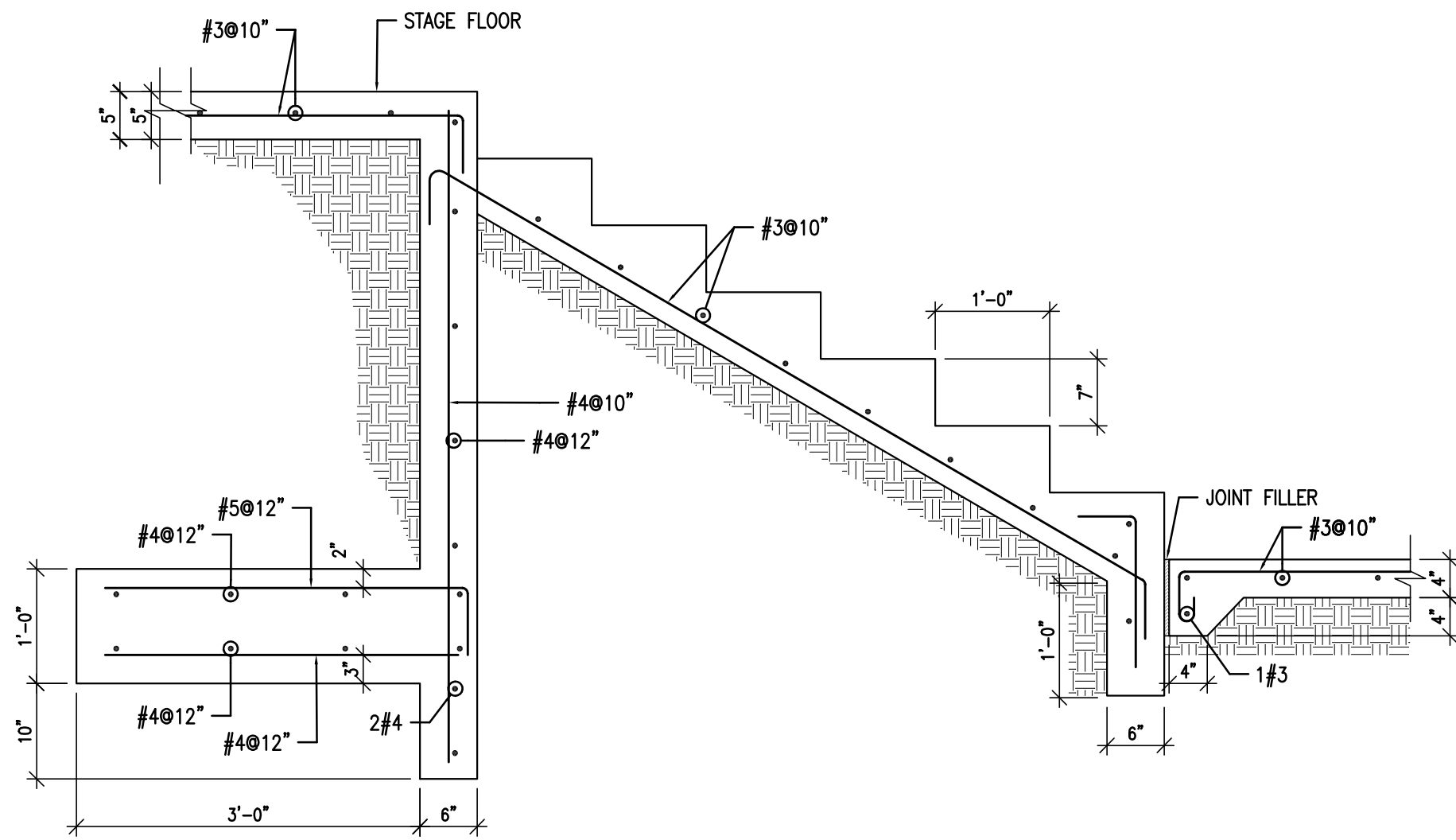
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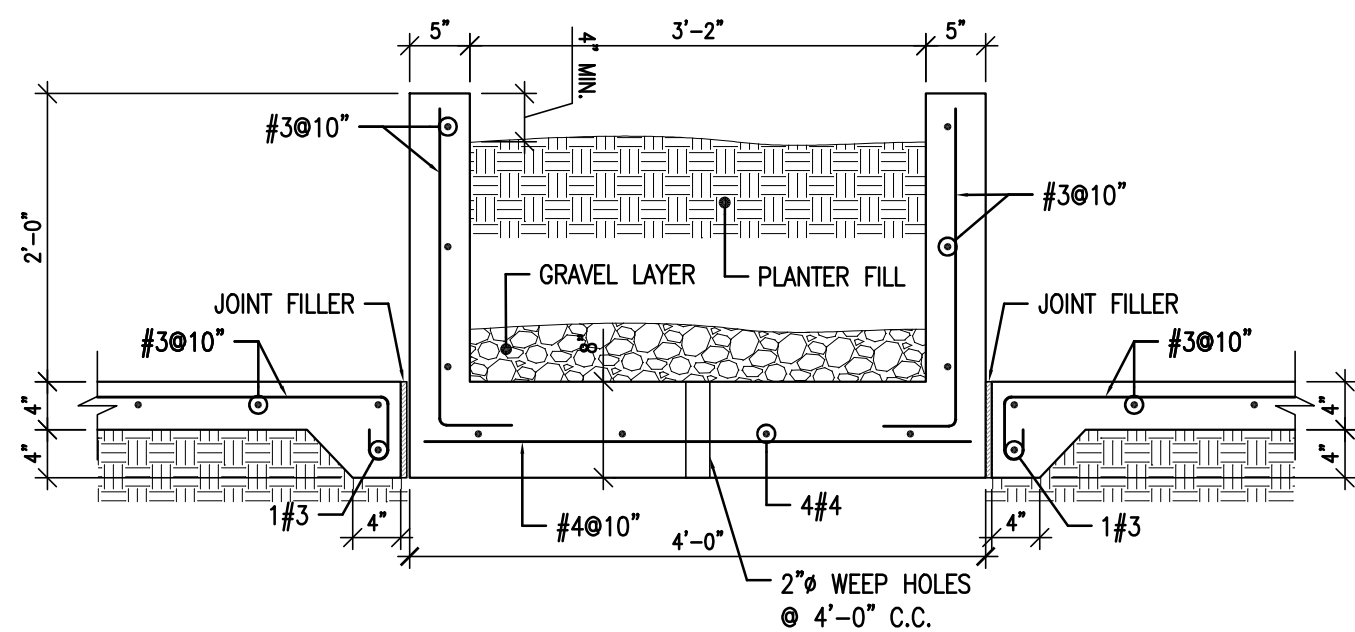
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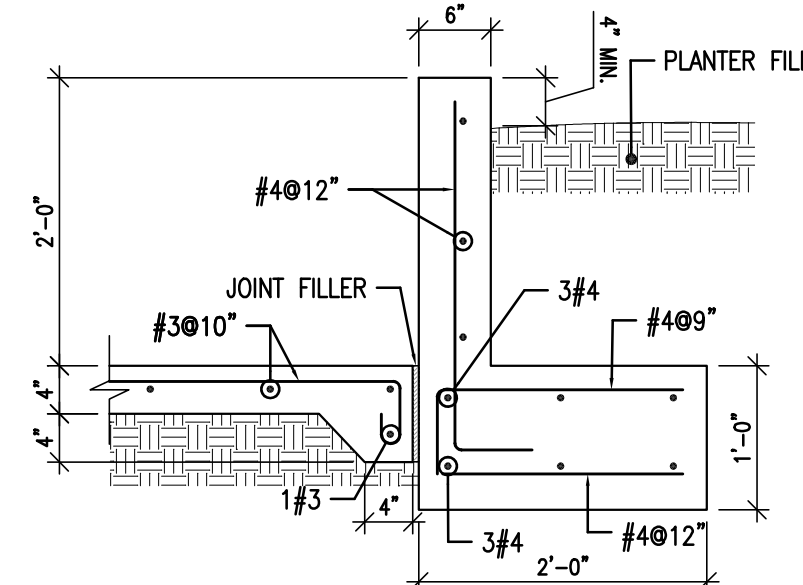
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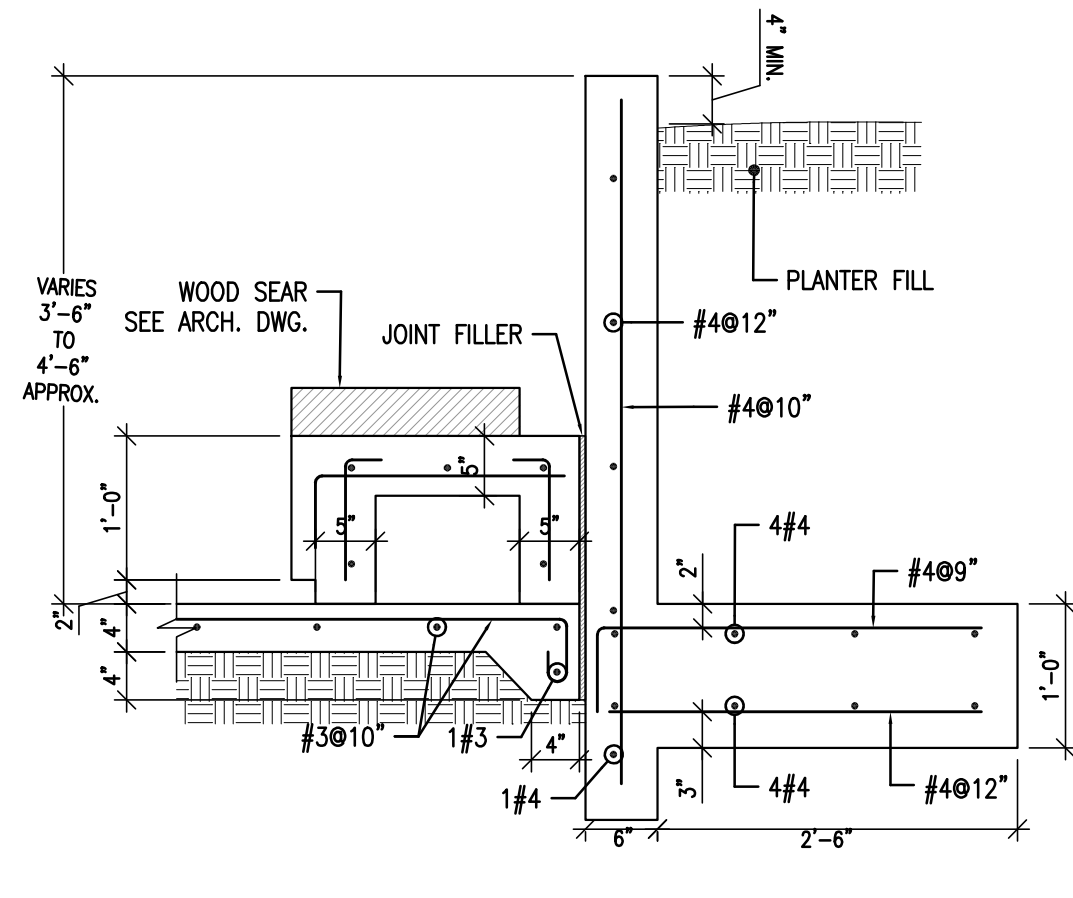
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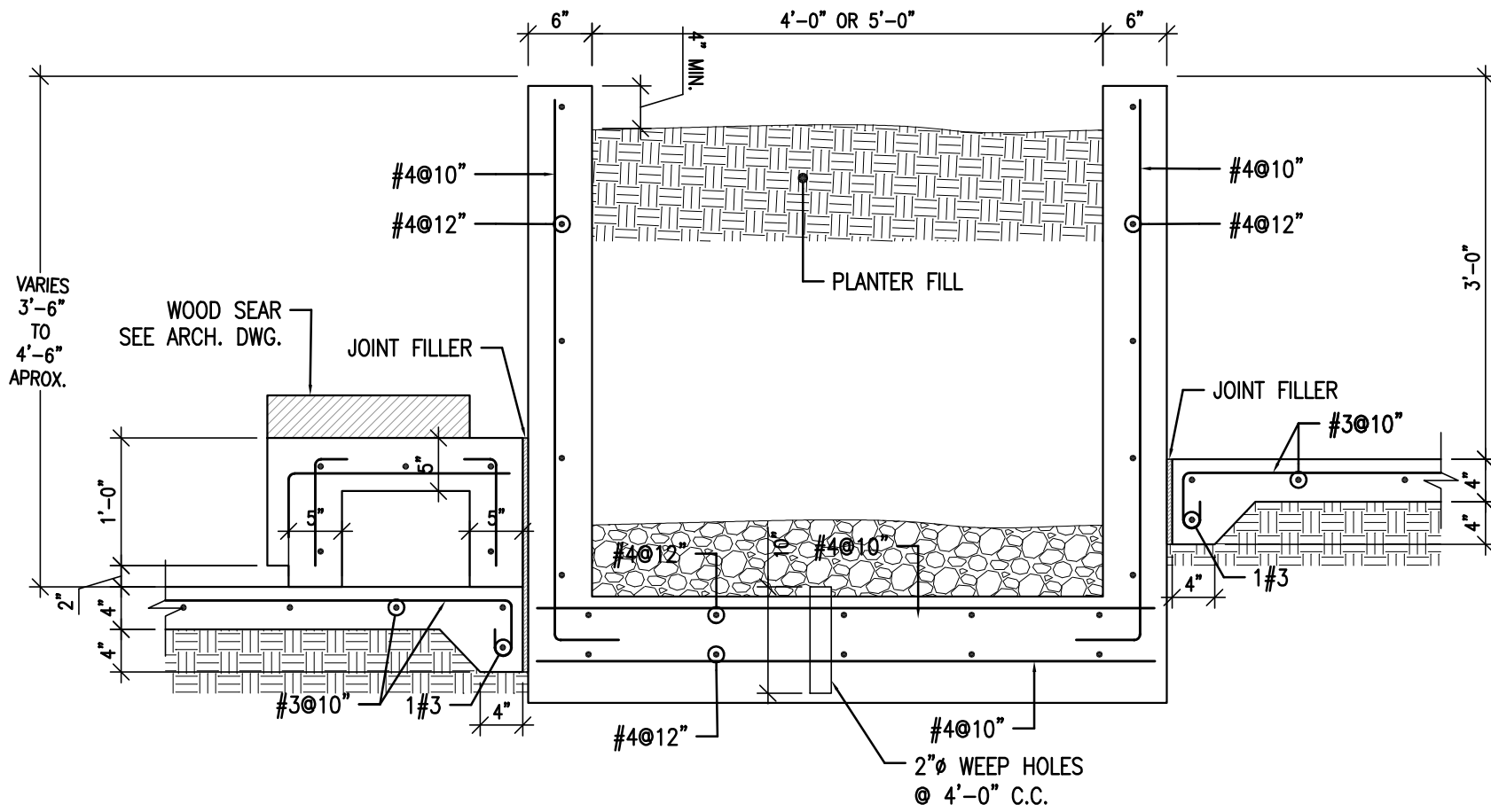
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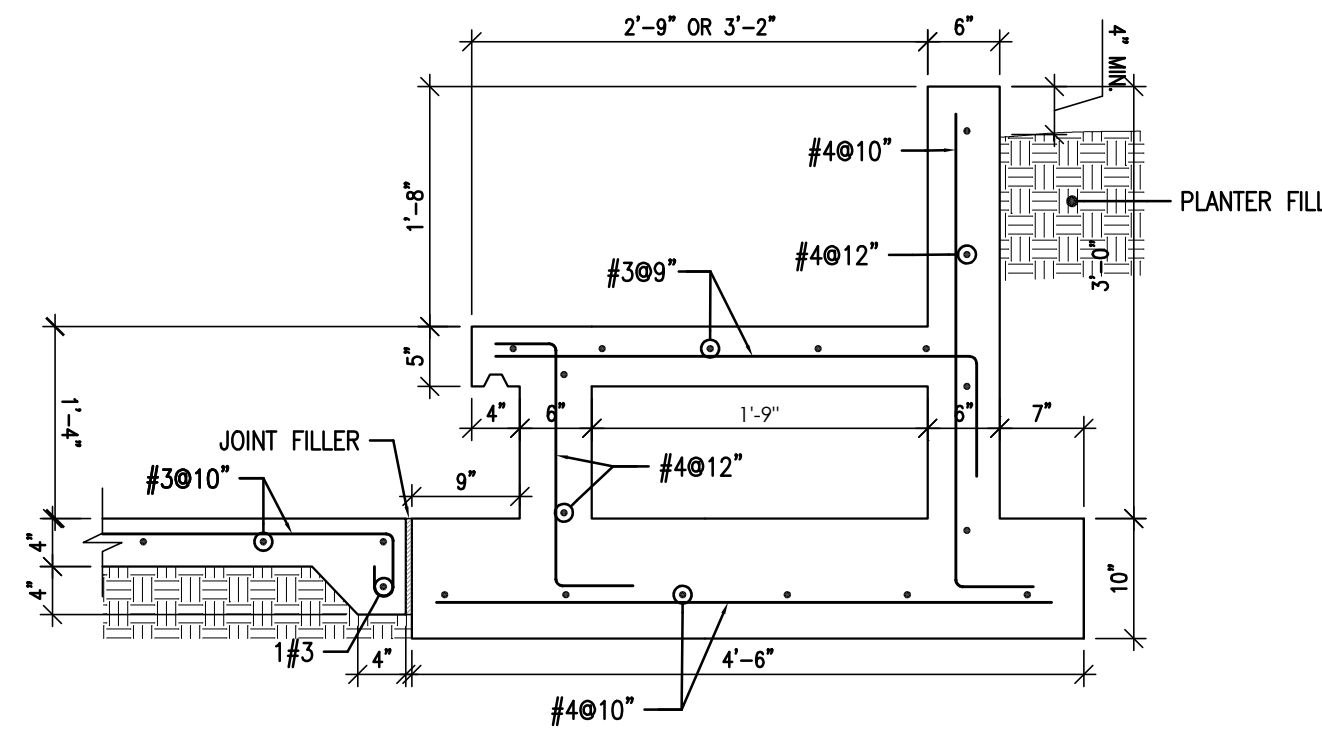
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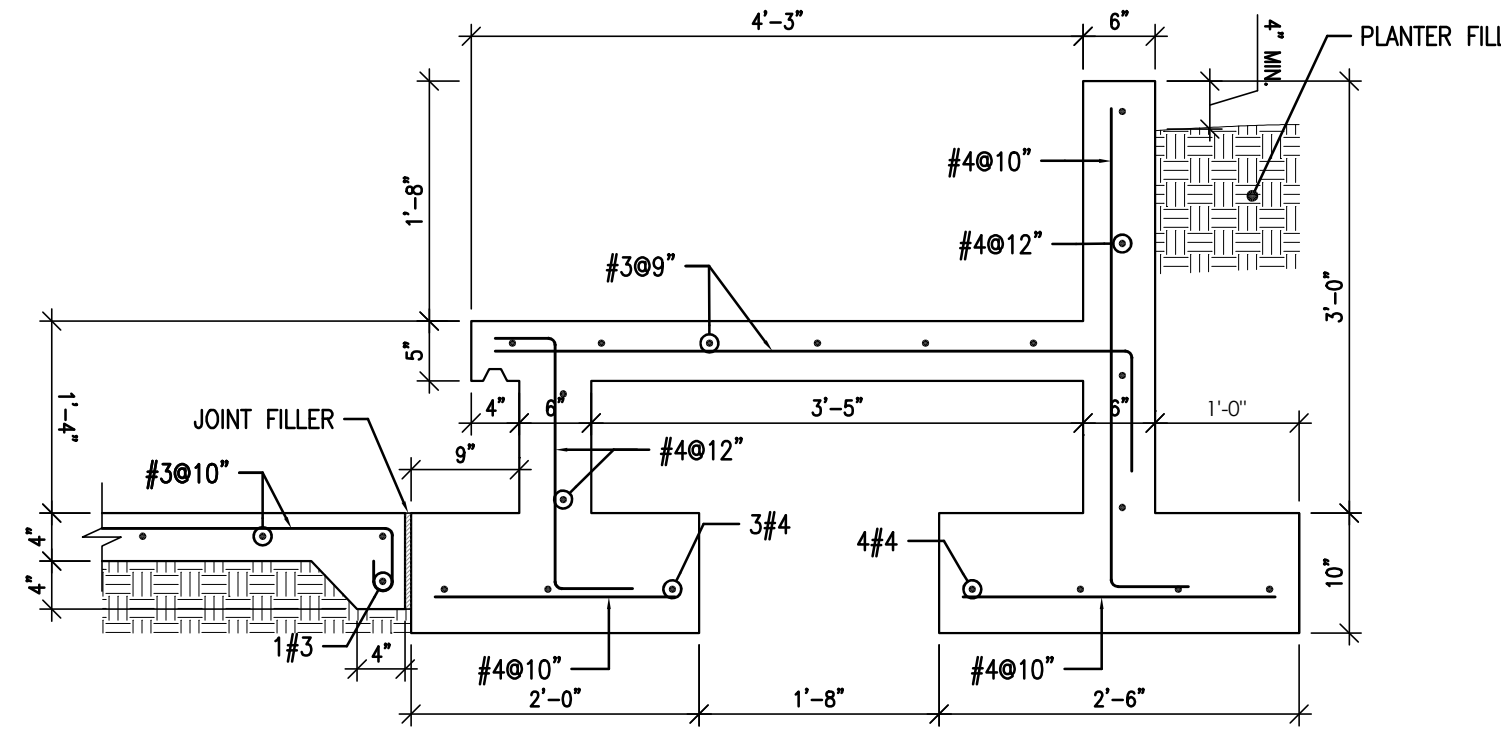
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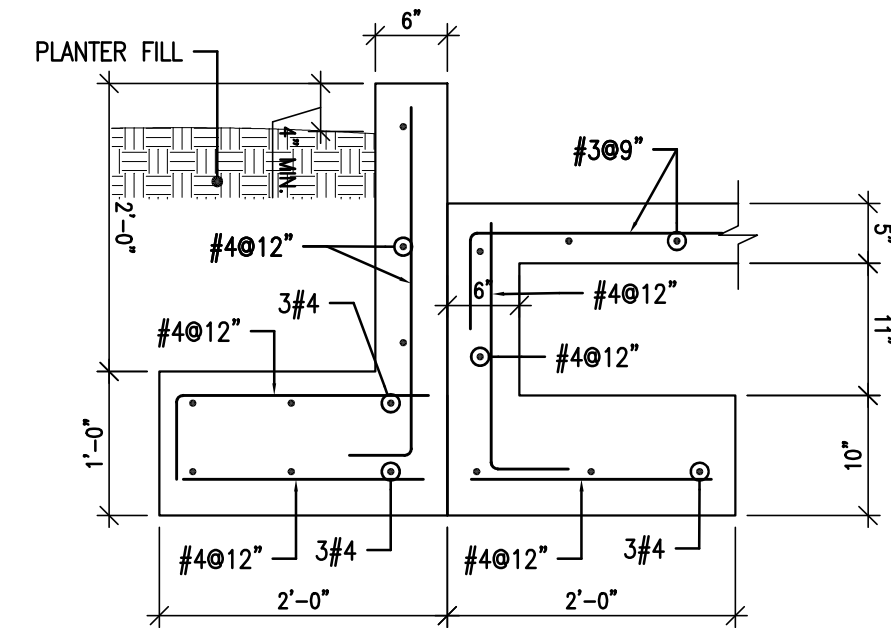
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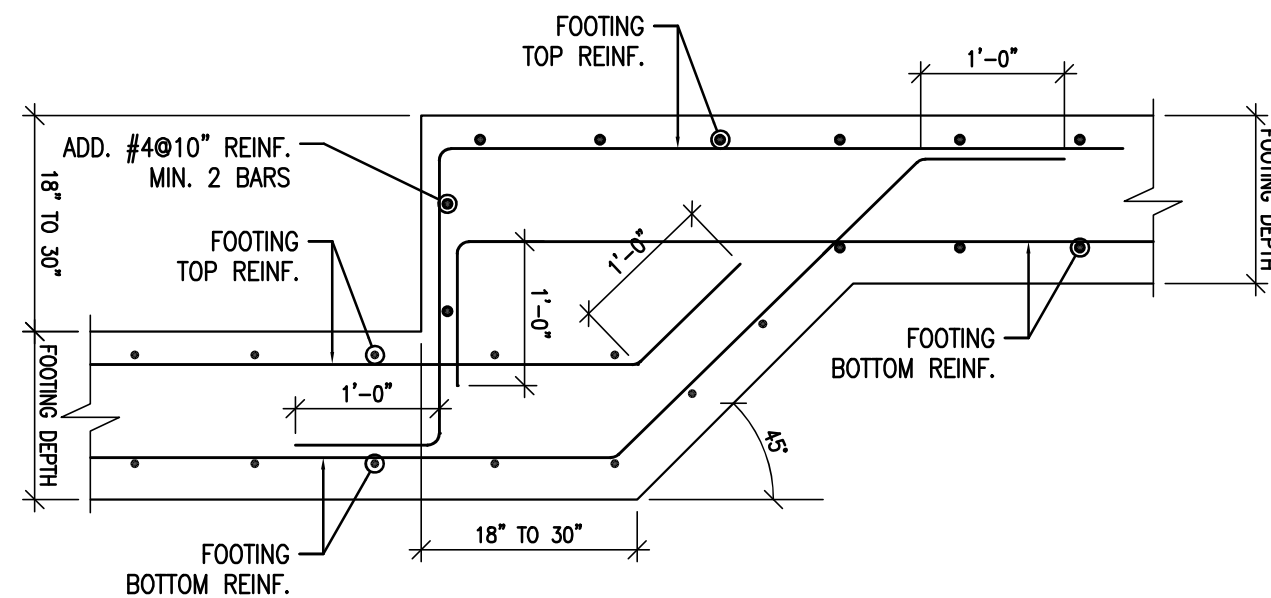
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SECTION 29
SCALE: 3/4"=1'0"
S101



SECTION 30
SCALE: 3/4"=1'0"
S101



STEP ON WALL FOOTING DETAIL
SCALE: N.T.S.



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YO, ESTEBAN LLOP RAMIREZ, LIC. 23508, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTENDIENDO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONSULTA Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTARIAS O CORPORACIONES PÚBLICAS CON JURISDICCION CERTIFICO, ADEMÁS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 332 DEL 15 DE MAYO DE 1998, SEGÚN ENMIENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA; SEGÚN APLICUVEI RECONOCIDO QUE CUALQUIER DECLARACIÓN FALSA, FALSIFICACIONES 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 DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA DOPF.

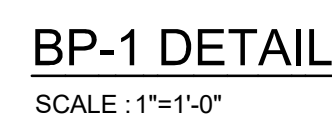
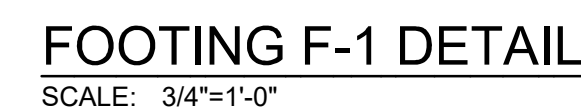
PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA		PUERTO RICO
REVISIONS		
NO.	DESCRIPTION	DATE
A	90% DESIGN DEVELOPMENT	03.22.2023

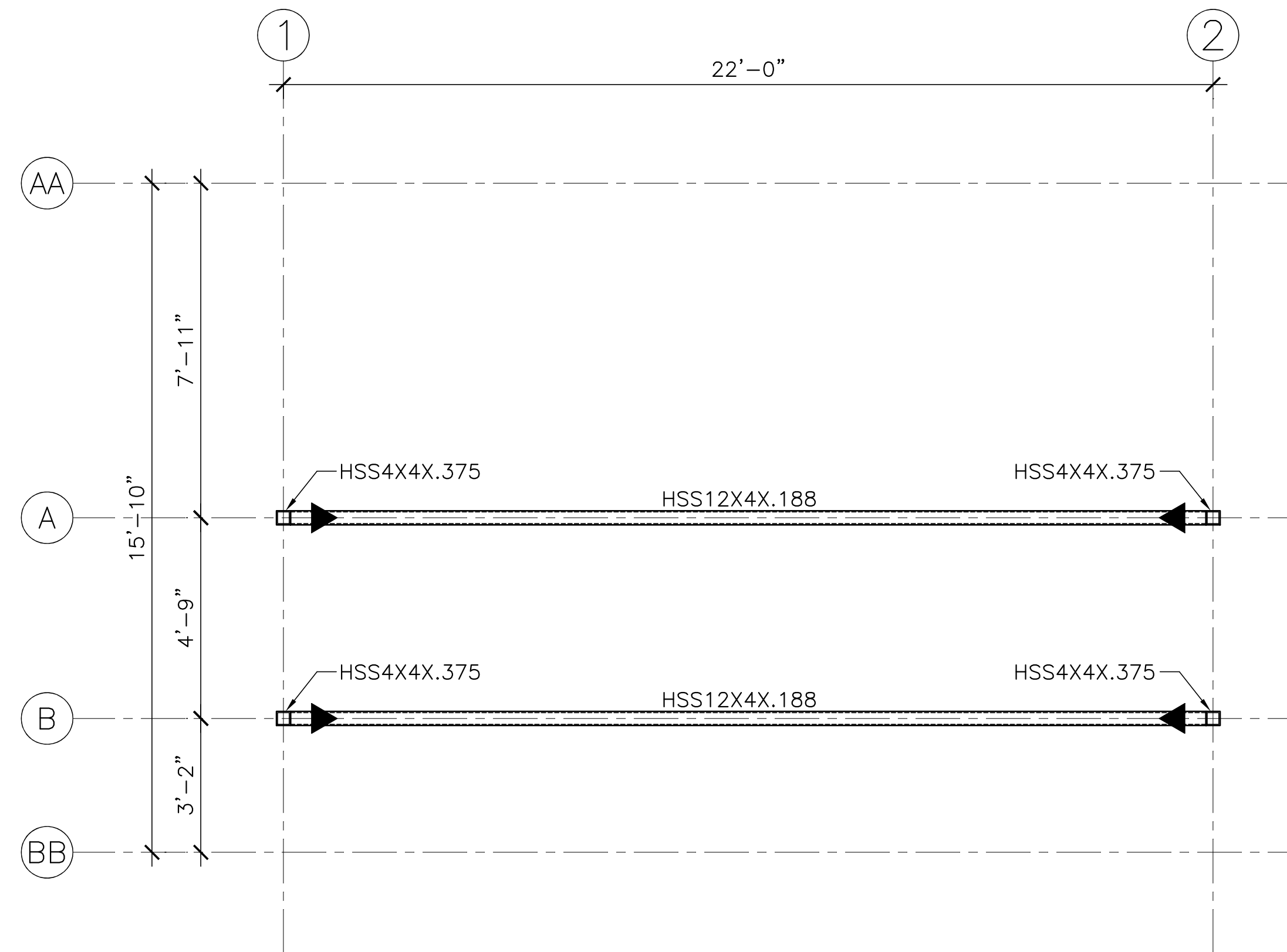
DATE ISSUED:	03/22/23
REVIEWED BY:	ELLOP
DRAWN BY:	ELLOP
DESIGNED BY:	ELLOP
BRA PROJECT NUMBER:	22010

SITE STRUCTURAL
SECTIONS

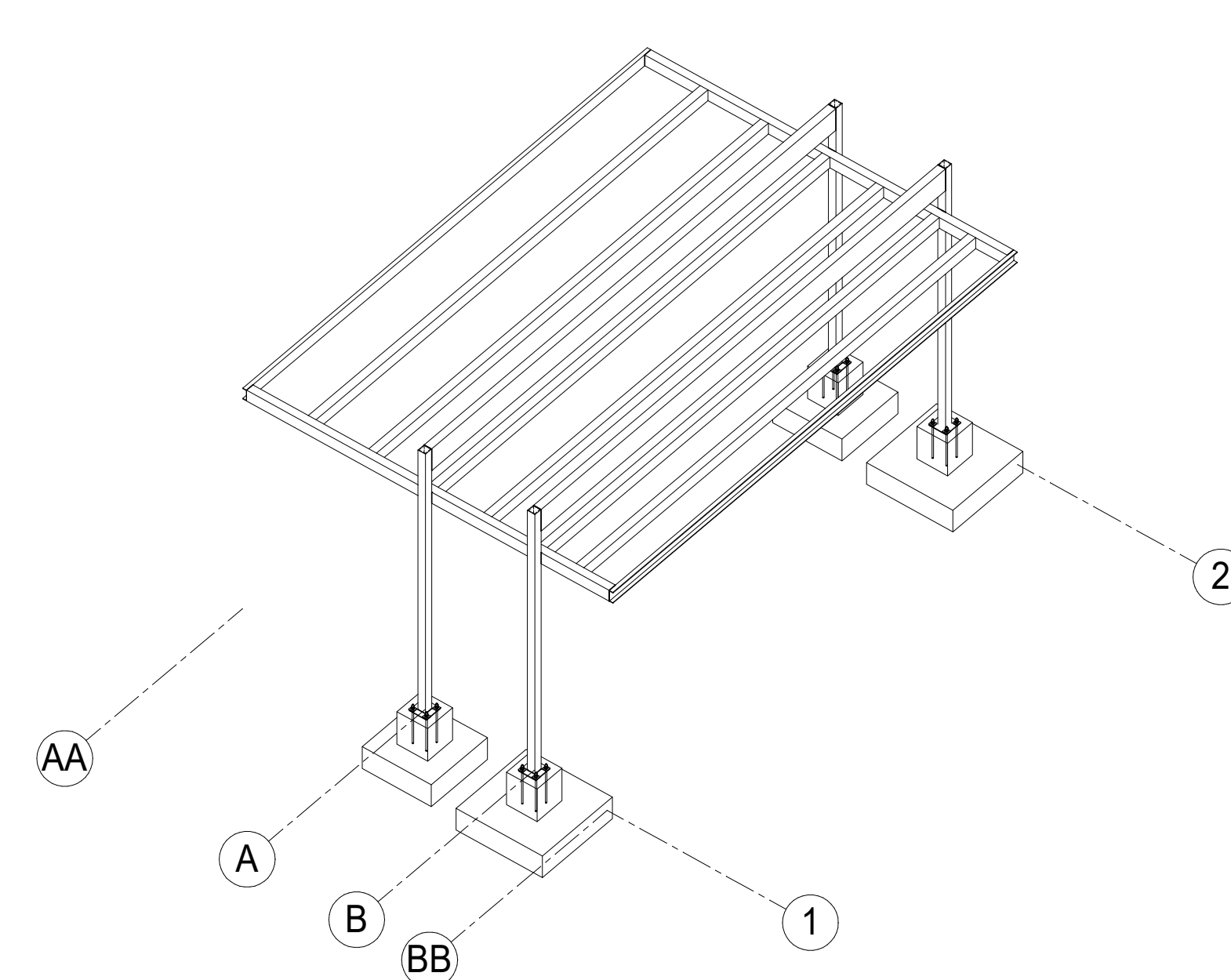
S104



FOOTING SCHEDULE							
FOOTING TYPE	FOOTING DIMENSIONS				FOOTING REINF.		REMARKS
	A	B	D	H	R-1	R-2	
F-1	3'-0"	3'-0"	12"	2'-0"	#4#5	#4#5	TOP REINF. #4@12" E.W.
F-2	3'-9"	3'-9"	12"	2'-0"	#5#5	#5#5	TOP REINF. #4@12" E.W.

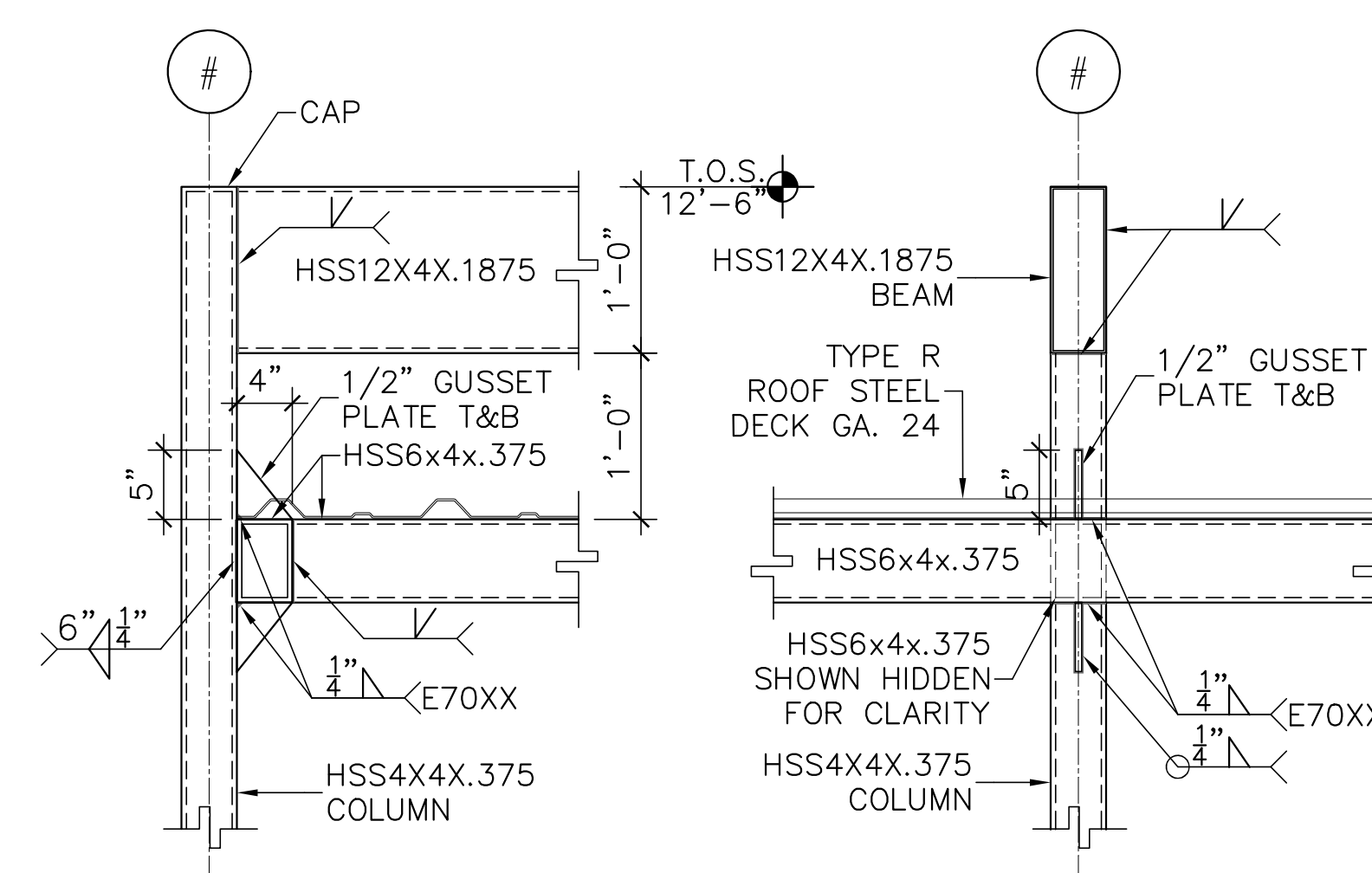


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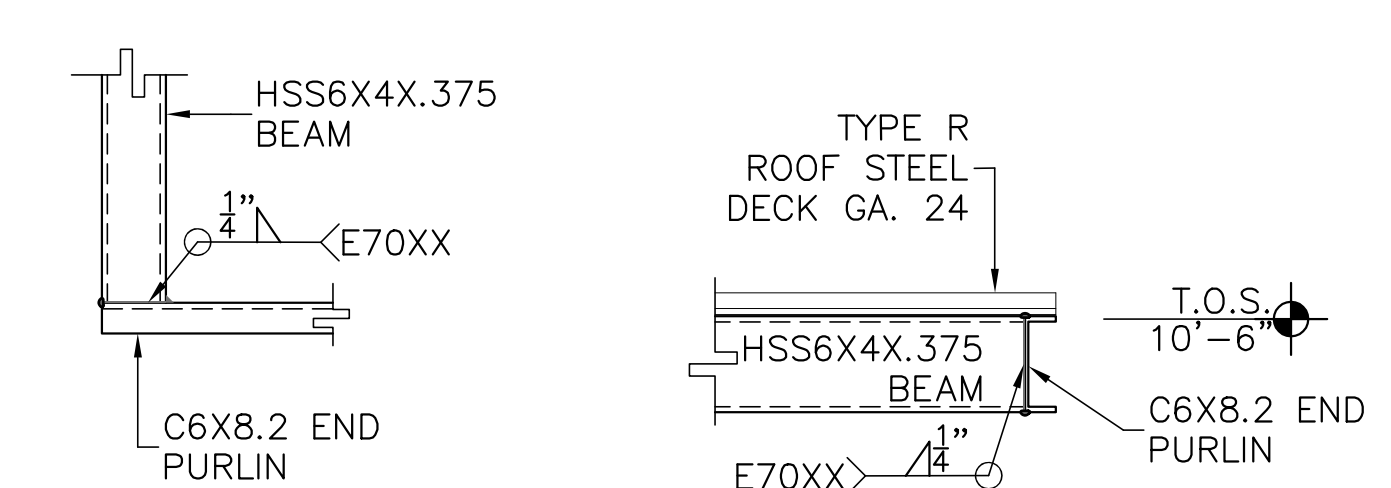
SCALE: 3/8"=1'-0"

3DVIEW
SCALE: N.T.S.



SECTION VIEW

SCALE: 1"=1'-0"



SECTION VIEW

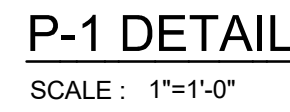
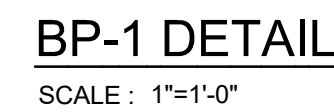
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SECTION VIEW

SCALE : 1"=1'-0"

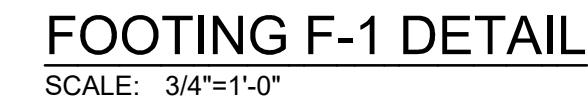
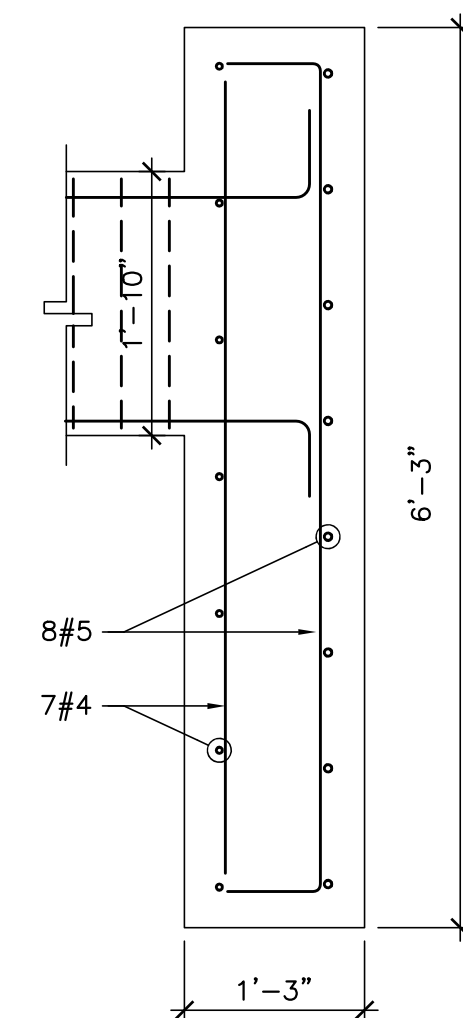
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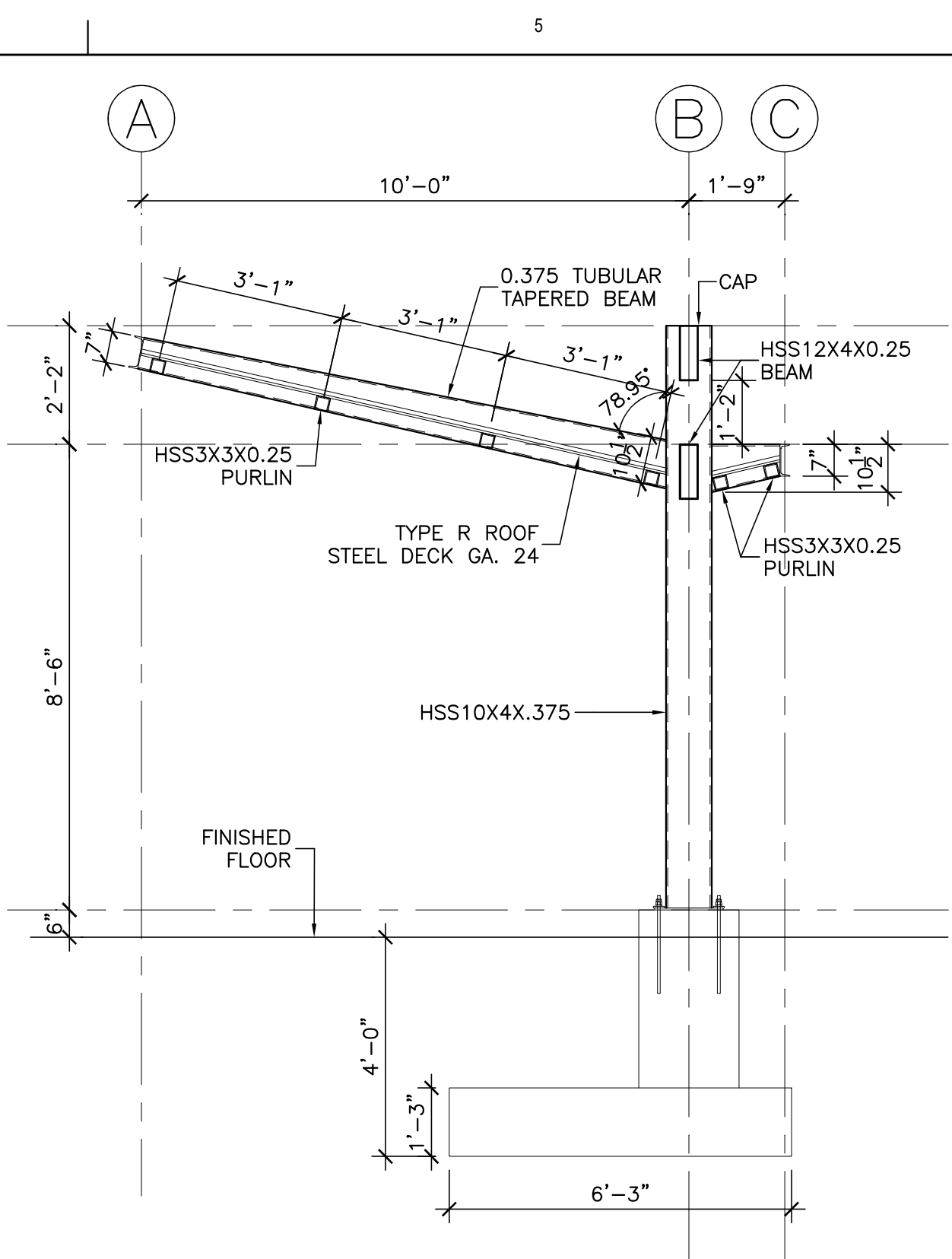
▶ MOMENT CONNECTION



Technical drawing of a rectangular frame with dimensions and reinforcement labels. The drawing shows a central rectangular area with a smaller rectangle inside it. The dimensions are as follows:

- Overall width: 6'-3"
- Overall height: 3'-5"
- Left side reinforcement: #4@12" (TT) and #5@10" (BT)
- Top side reinforcement: #4@12" (TB) and #5@10" (BB)
- Inner rectangle width: 1'-4"
- Inner rectangle height: 1'-10"
- Horizontal spacing from left edge to inner rectangle: 2'-5 1/2"
- Horizontal spacing between inner rectangle and right edge: 2'-5 1/2"
- Vertical spacing from top edge to inner rectangle: 1'-10"





LONG TRELLIS STRUCTURAL SECTION - AXIS 2



SECTION VIEW

CONNECTION DETAIL HSS12 BEAMS TO HSS10 COLUMN

7/8/2020 3:15:46 PM

STAGE FOUNDATION PLAN
SCALE: 3/8"=1'-0"

NOTE:
SEE SECTIONS 21, 22 & 23 ON SHEET
S101 FOR STAGE FLOOR DETAILS

FOOTING F-1 DETAIL
SCALE: 3/4"=1'-0"

BP-1 DETAIL
SCALE: 1"=1'-0"

P-1 DETAIL
SCALE: 1"=1'-0"

BP-2 DETAIL
SCALE: 1"=1'-0"

P-2 DETAIL
SCALE: 1"=1'-0"

HAIRPIN DETAIL

TYPICAL FOOTING DETAIL

FOOTING SCHEDULE							
FOOTING TYPE	FOOTING DIMENSIONS				FOOTING REINF.		REMARKS
	A	B	D	H	R-1	R-2	
F-1	3'-6"	3'-6"	15"	2'-6"	5#5	5#5	TOP REINF. #4@12" E.W.
F-2	4'-0"	3'-6"	15"	2'-6"	5#5	5#5	TOP REINF. #4@10" E.W.
F-3	4'-0"	4'-0"	15"	2'-6"	5#5	5#5	TOP REINF. #4@10" E.W.
F-4	4'-6"	4'-0"	15"	2'-6"	6#5	5#5	TOP REINF. #4@10" E.W.



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YO, ESTEBAN LLOP RAMIREZ, LIC. 21508, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTENDIENDO QUE DICHO 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 JURISDICCION, CERTIFICO, ADemás, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 310 DEL 15 DE MAYO DE 1998, SEGÚN ENMIENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1997, SEGÚN ENMIENDADA, SEGÚN APLICABLE; RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA, FALSIFICACIONES 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 CONCONCIENIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA DOPE.

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	90% DESIGN DEVELOPMENT	03.22.2023

DATE ISSUED: 03/22/23
REVIEWED BY: ELLOP
DRAWN BY: ELLOP
DESIGNED BY: ELLOP
BRA PROJECT NUMBER: 22010
SHEET TITLE

STAGE STRUCTURE
FOUNDATION PLAN
AND DETAILS

SHEET ID

S221



CONN. DETAIL C8 CHANNEL TO TUBULAR TAPERED BEAM



AXIS-B MID CONNECTION DETAIL - TUBULAR TAPERED BEAMS OVER HSS12 BEAM



AXIS-C CORNER CONNECTION DETAIL - TUBULAR TAPERED BEAMS TO HSS20 BEAM



TO HSS20 BEAM AXIS-C MID CONNECTION DETAIL - TUBULAR TAPERED BEAMS TO HSS20 BEAM
SCALE : 1/2"=1'-0"



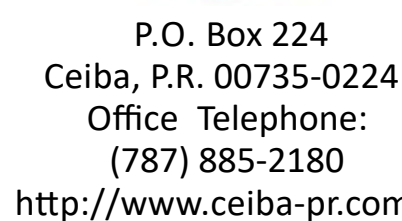
AXIS-C MID CONNECTION DETAIL - TUBULAR TAPERED BEAMS TO HSS20 BEAM



HSS20 BEAM AXIS-B CORNER CONNECTION DETAIL - TUBULAR TAPERED BEAMS TO HSS12 BEAM
SCALE : 1/2"=1'-0"



AXIS-B CORNER CONNECTION DETAIL - TUBULAR TAPERED BEAMS TO HSS12 BEAM



CONSULTANT

 **BR&A** LLC
PROJECT MANAGEMENT • ENGINEERING • DESIGN

3100 Rd. 199 SUITE 203
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Office Telephone:
(787) 707-1717
br@brapr.com

	CONSULTANT
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SEA

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YO, ESTEBAN LOPEZ RAMIREZ, C.U. 21508, CERTIFICO QUE SOY EL PROPIETARIO DE LA ACTIVIDAD COMERCIAL, YU DISEÑO Y DISEÑO DE ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS PARA LA CONSTRUCCION DE LA OBRA, QUE SE ENCONTRA EN EL ESTADO DE AVANCE, Y QUE ESTAS ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APPLICABLES DERIVADAS DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DERIVADAS DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES EN LA CIUDAD DE GUAYMAS, PARA LAS OBRAS DE LAS EMPRESAS Y CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICO ASI MISMA, QUE EN LA PREPARACION DE ESTOS PLANOS, NO SE HA INCURRIDO EN NINGUNA VIOLACION A LA LEY DE DERECHOS DE AUTOR, DISPUESTO EN LA LEY NOM. 14 DEL 6 DE ENERO DE 2004, SEGUN SE ENUNCIADA, CONOCIDA COMO LA LEY PARA LA INVERSIÓN POR LA INDUSTRIA PRODUCTORA Y CON LA LEY NOM. 33D DEL 11 DE AGOSTO DE 1976, SEGUN ENUNCIADA, Y CON LA LEY NOM. 33D DEL 11 DE JULIO DE 1976, SEGUN ENUNCIADA, SEGUN APARECEN EN LOS PLANOS, RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA, O FALTA DE VERDAD, EN LA PREPARACIÓN DE ESTOS PLANOS, CONSTITUYE UN DESCUMPLIMIENTO O POR NEGLIGENCIA YA SEA POR MI, O POR MI AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON ACCESO AL DISEÑO, CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN LEGAL, QUE SE INICIE EN CONTRA DE MI, O DE MI AGENTES, O DE MI EMPLEADOS, O DE OTRAS PERSONAS CON ACCESO AL DISEÑO, CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN LEGAL, QUE SE INICIE EN CONTRA DE MI, O DE MI AGENTES, O DE MI EMPLEADOS, O DE OTRAS PERSONAS CON ACCESO AL DISEÑO, CONOCIMIENTO.

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELIS
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA		PUERTO RICO
REVISIONS		
NO.	DESCRIPTION	DATE
A	90% DESIGN DEVELOPMENT	03.22.202

DATE ISSUED:	03/22/23
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REVIEWED BY: ELLOP

DRAWN BY: ELLOP

DESIGNED BY: ELLOP

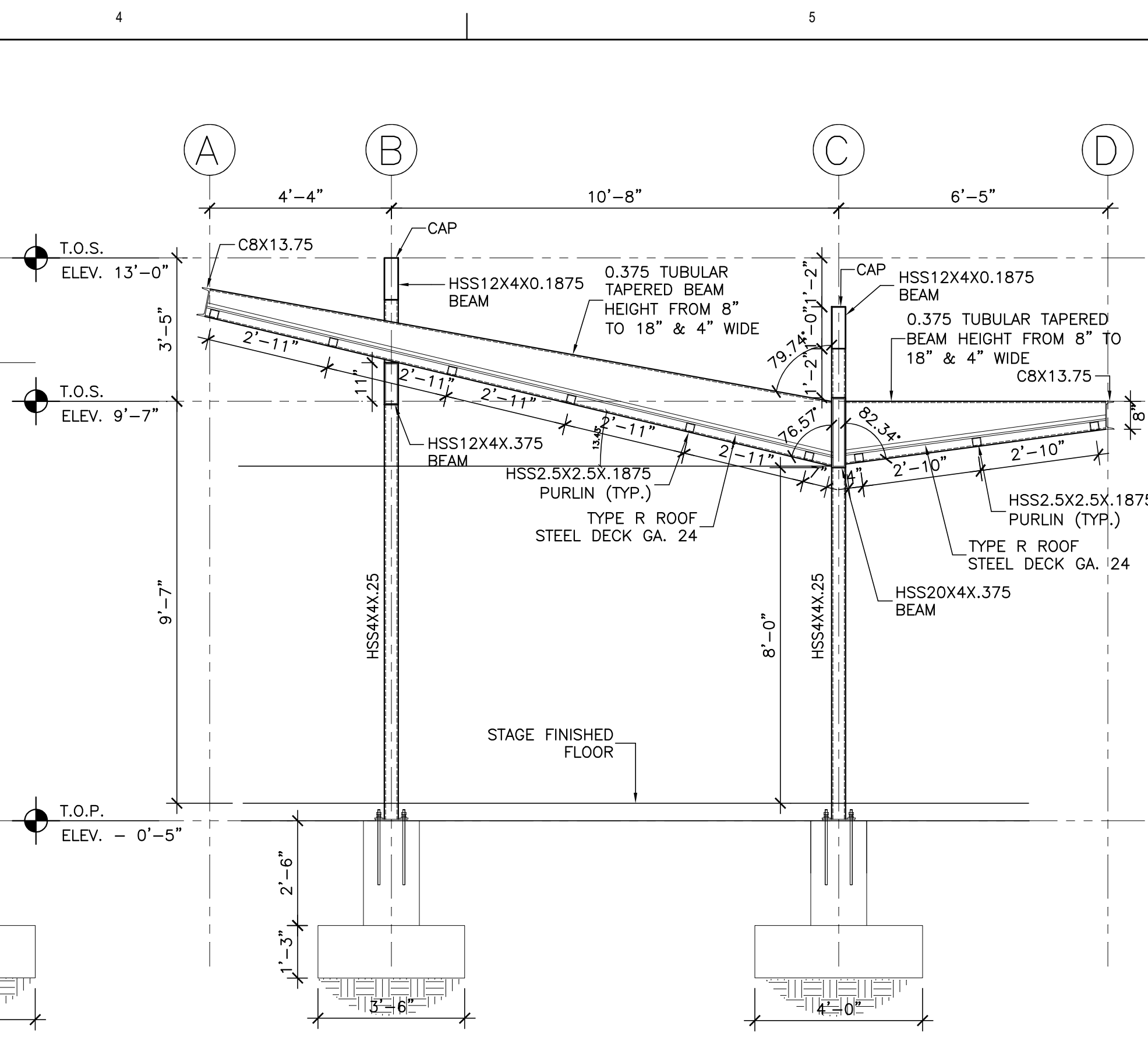
BRA PROJECT NUMBER:	22010
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SHEET TITLE

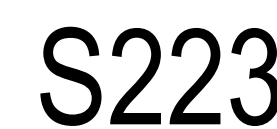
STAGE STRUCTURAL PLAN AND CONNECTION DETAILS

SHEET ID

S222



STAGE STRUCTURAL SECTION - AXIS-1
SCALE: 3/8"=1'-0"





GOVERNMENT OF PUERTO RICO
STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio-Cancela | carubio@prshpo.pr.gov

Monday, June 26, 2023

Lauren Bair Poche

HORNE - Architectural Historian Manager
10000 Perkins Rowe, Suite 610 Bldg. G
Baton Rouge, LA 70810

SHPO: 05-30-23-04 CEIBA, PUERTO RICO DISASTER RECOVERY, CDBG-DR CITY REVITALIZATION PROGRAM (CRP), PR-CRP-000968, REVITALIZACIÓN PLAZA PÚBLICA FELISA RINCÓN PROJECT, CEIBA, PUERTO RICO

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. The State Historic Preservation Officer (SHPO) is to advise and assist federal agencies and other responsible entities when identifying historic properties, assessing effects upon them, and considering alternatives to avoid or reduce the project's effects.

After a review of all the documentation, the PRSHPO concurs with your finding of **no adverse effect** for this undertaking, **conditioned to** an archaeological monitoring during demolition and ground disturbing activities, along with your recommendation of a desk-based research and protection of the identified historical properties. However, we request the archaeological monitoring and protection plan for our review and concurrence.

Please note that should the Agency discover other historic properties at any point during project implementation, you should notify the SHPO immediately. 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/LCC/EVR





October 20, 2022

Arch. Carlos A. Rubio Cancela

Executive Director

State Historic Preservation Officer

Cuartel de Ballajá Bldg.

San Juan, Puerto Rico

Re: Authorization to Submit Documents

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 registry review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

In line 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,


Juan C. Pérez Bofill, P.E. M.Eng
Director of Disaster Recovery
CDBG DR-MIT

May 31, 2023

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-000968, Revitalización Plaza Pública Felisa Rincón Project, Cieba, Puerto Rico

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 Department's objectives Puerto Rico Housing (PRDOH) for CDBG-DR.

On behalf of PRDOH and the subrecipient, the Municipality of Cieba, we are submitting documentation for the proposed Revitalización Plaza Pública Felisa Rincón Project. The Municipality of Ceiba proposes to revitalize the town square and strategically recreate it as a safer and adequate pedestrian zone preserving the historic development of the space and of the Town of Ceiba. The revitalization of the public Plaza project will include installation of new solar lighting system, benches, trash recipients, the expansion and reconstruction of sidewalks around the plaza, new pedestrian crossings within the municipal streets and nearby the government buildings, the construction of a new public stage for local events, the installation of a trellis, the implementation of landscape to improve green areas and the Installation of sculptures with typical local themes as focal points and tourist attraction. 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 the following: (1) an archaeological Supervision/Monitoring with a plan of inadvertent discovery of cultural materials and human remains, accompanied by desktop-based research, (2) a Protection Plan for adjacent identified historical properties to be implemented during construction (3) and the execution of controlled demolition in the APE.

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, Historic Preservation Senior Manager

Attachments

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

Project Location: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico 00735	
Project Coordinates: 18.264608, -65.648281	
TPID (Número de Catastro): 205-047-016-01	
Type of Undertaking: ☒ Substantial Repair ☐ New Construction	
Construction Date (AH est.): c. 1840/ reconstruction 1932	Property Size (acres): 1.83

SOI-Qualified Architect/Architectural Historian: Cristina Montenegro Torres B.ARCH
Date Reviewed: 01/26/2023
SOI-Qualified Archaeologist: Tamara González Vega M.A.
Date Reviewed: 11/04/2022

In compliance with Section 106 of the listing those 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 (Undertaking)

The applicant 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 Maria. The Puerto Rico Department of Housing (PRDOH) has established an Agreement between PRDOH and the Municipality of Ceiba (the "Subrecipient") for the City Revitalization Program ("Program") as part of the Community Development Block Grant for Disaster Recovery (CDBG-DR) Program. It is a Section 106 undertaking due to the use of federal dollars. The Municipality of Ceiba proposes to revitalize the town square and strategically recreate it as a safer and adequate pedestrian zone preserving the historic development of the space and of the Town of Ceiba. The revitalization of the public Plaza project will include installation of new solar lighting system, benches, trash recipients, the expansion and reconstruction of sidewalks around the plaza, new pedestrian crossings within the municipal streets and nearby the government buildings, the construction of a new public stage for local events, the installation of a trellis (open roofs areas), the implementation of landscape to improve green areas and the Installation of sculptures with typical local themes as focal points and tourist attraction.

The project considered raising the Jose Quiñones Street level to match the sidewalk grade. The Plaza will be accessible throughout its entire perimeter. The Public Plaza has a footprint of 2,925 square meters. As part of the project, safety measures will be implemented in compliance

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

with federal and local regulations for pedestrians, cyclists, and vehicular traffic in this area.

Demolition works:

The demolition works will include the removal of the existing pavers within the plaza, demolition of existing planters, demolition of the gazebo, and concrete stairs, removal of urban mobiliary, removal of lighting posts and demolition of sidewalks. The demolition works inside the plaza will be performed using lightweight equipment. The contractor shall take precautions during demolition works on areas identified as environmentally, architectural, and archaeological sensitive. The existing palms and small trees within the plaza and project area will be removed. The existing trees (two trees identified as “ceiba”) will be carefully removed and relocated in the same project area, taking adequate precautions to comply with DNER regulations. These trees will be protected during the construction works to avoid any damage to the trees and roots, in compliance with the DNER regulations, especially when this tree is associated with the town’s name.

An existing fence is located around the San Antonio de Padua church. It is proposed to remove this fence and demolish the concrete base. The concrete base will be carefully demolished and removed using small demolition equipment (for example: electric jack hammer), to minimize any disturbance below ground. The fenced area will be replaced with natural grass.

The construction equipment and materials staging area will be located at Jose Quiñones Street. This street will be temporarily closed during demolition and construction works. Refer to dwg. C480 in the attached 90% Design Plans for the staging area location.

During the demolition and construction process, and erosion and sedimentation control measures will be implemented to avoid the sediments to discharge into the road surface and storm sewer system during rainfall events, including installation of hay bales (or silt socks) on drainage structures, installation of silt fence around the project limit, and implementation of a washout entrance for trucks to avoid sediments migration into the streets. Staging and storage areas for construction materials will be protected with silt fence.

Construction works:

The project proposed the following improvements:

1. New concrete slab (sidewalks) and surface treatments within the plaza. These sidewalks will be constructed at the same elevation as the existing surface to maintain the same levels. Additional sidewalk areas are provided to provide more access for pedestrians.
2. New concrete stairs and concrete ramps to access the plaza level. Some of these elements will be constructed in the same location as the existing and will follow ADA regulations. These structural elements will require footing structures of approximately 3.0 feet depth. Small construction equipment and precautions during the construction phase will be considered minimizing disturbances below grade. Construction works will be performed in compliance with

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

federal and local regulations.

3. New trellis structures to provide shadow spaces for local users and possible small commercial spaces. This trellis requires footing structures to comply with local regulations (for wind and earthquakes). These structural elements will require footing structures of approximately 3.0 feet depth. Small construction equipment and precautions during the construction phase will be considered minimizing disturbances below grade. Construction works will be performed in compliance with federal and local regulations.

4. New stage facilities for local events, providing more space and a more comfortable location. This stage will have access from the north sidewalk and requires stairs and footing structure to comply with local regulations. The stage was designed considering simple elements to complement the environment of the plaza. The approximated stage area is 90 square meters (968.7ft²). These structural elements will require footing structures of approximately 3.0 feet depth. Small construction equipment and precautions during the construction phase will be considered minimizing disturbances below grade. Construction works will be performed in compliance with federal and local regulations.

5. Urban mobiliary, such as concrete benches with wood material, metal dumpsters, bollards, and concrete planters above the surface of the plaza are included, harmonizing with the architectural features of its surrounding historic buildings and setting.

6. Installation of solar luminaires to provide lighting around the new plaza. The luminaires will require a concrete base for support and resistance against weather (winds) and earthquakes. Trenches and conduits will not be required for this lighting system. These luminaires will require footing structures of approximately 3.0 feet depth.

7. New landscape treatment will be incorporated to provide vegetation that complements the new plaza and its elements.

A Maintenance of traffic plan and temporary control devices will be implemented to control the vehicular traffic and provide a safe route to pedestrians during the construction works. The maintenance of the traffic plan will be prepared in compliance with the PRHTA and FHWA standards and regulations.

The attached documents provide a detailed summary of the APE current condition and a site plan drawing of existing conditions and proposed reconstructions. will be reconstructed using City Revitalization Program (City-Rev) guidelines.

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

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, it has been determined that the direct impact APE for this project includes Felisa Rincón de Gautier Public Plaza, the sidewalks and crossways surrounding the Plaza. Potential ground disturbing activities would consist of approximately 3.0 feet depth.

The urban center of Ceiba is in the east region of Puerto Rico. The APE is 1.83 acres which conform to the total area of Felisa Rincón de Gautier Public Plaza, crossways, the sidewalks surrounding the Plaza and in front of the Plaza. The Plaza is rectangular in shape, and the main shortest façade is facing to the east. The dimension of the public square is 65 meters length x 45 meters width.

The Felisa Rincón de Gautier Public Plaza is a vibrant and active public space in the traditional urban center of Ceiba. The plaza is surrounded by commercial establishments, Residential units of one and two stories, Government buildings and Cultural and historical landmarks such as the listed property of the Ceiba Fire Station. The Ceiba public square, like many towns in Puerto Rico, has a rich history and cultural heritage. As the plaza (APE) is a public space serve as hubs for civic activities and provide resources to the community. The proposed project will enhance historical significance using 21st century design strategies and is not expected to compromise the traditional urban center, and listed or eligible properties.

The proposed project will have a direct impact on the APE because the ground disturbing activities would be of approximately 3.0 feet depth. However, the demolition and construction works does not include alterations to listed or eligible properties.

Identification of Historic Properties- Archaeology

Existing information on previously identified archaeological sites (historic and prehispanic) has been reviewed to determine if any resources are located within or adjacent to the APE of this undertaking. The review of this existing information was completed by a contracted specialist meeting the Secretary of the Interior's Professional Qualification Standards for Archaeology (36 CFR Part 61), which shows that the project is situated in a Traditional Urban Center eligible for listing in the National Register of Historic Places (NRHP). In the immediate area surrounding the proposed project, 5 NRHP-eligible historic properties have been identified; San Antonio de Padua Church, the City Hall, Santiago Iglesias Pantín School, Adolfo Velez Fereau School, and the Plaza. Also adjacent to the east of the proposed project is the PR-3, a 19th-century origins road. Ceiba Traditional Urban Center was constructed during the 19th century; According to historical sources, the area of the plaza and its surroundings dates back to 1838. Then, in 1932, 1991, repairs were made to the plaza, especially on the floors and sidewalks to improve pedestrian traffic. In 2015, the municipality improved the conditions of 85 meters José Quiñones Street with the purpose of complying with the ADA Law, pedestrian access, handicapped ramps were improved, and the width of the sidewalks was increased.

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

The APE includes sidewalks and/or streets within a traditional urban center, with potential archaeological remains underneath these features, like historic pavements, historic drainage systems and historic lighting systems. Also, during the reconstruction process there's a possibility to find cultural layers associated with demolition and reconstruction due to disasters like fires, earthquakes, hurricanes etc. Due to its characteristics of the historical plaza and its relationship with the PR-3, there is the possibility that the proposed project can exposed foundations of old buildings along the street if realignment of facades was performed.

In the 90's, improvements were made to the Plaza, without significant alterations to the original geometry. From the analysis of the historical cartography and aerial photographs, it can be deduced that the Ceiba public square has undergone few changes. There have been little changes in the surroundings of the square, ground disturbances like excavation for modern utilities (water, sewage, electrical), streets and sidewalks, geometrical improvements to roads and intersections, were minimum, therefore the possibility of finding archaeological deposits with integrity is high.

Quiñones and Fuente Frias Streets is within Felisa R i n c ó n de Gautier Public Plaza in the Traditional Urban Center of Ceiba. Ceiba was founded between 1836 and 1838. Early descriptions of the town of Ceiba are scarce. Several sources indicate that the predominant economic activities within Ceiba's territory [06] were and sugarcane cultivation [06]. [06] The land was parceled out to various plantations and farmsteads, with significant segments controlled by a few large sugarcane hacienda owners, like Miguel Antonio and Miguel Adolfo Veve Ferraud. The Veve family-owned Hacienda Aurora, Hacienda Tolonesa, and Hacienda Aguas Claras. Claras.

In 1840 Ceiba had a parish, a Casa del Rey, a jail, a house for the priest, a butcher shop, an elementary school with a teacher, a customs and post office, 34 houses, 3 shops, a street, and a plaza. The population in "Barrio Pueblo" was 296 whites, 97 "marrones", 5 "pardos" and 91 slaves. In the countryside, 757 whites, 676 "marrones" 28 "pardos" and 74 slaves, a total population of 2,024 souls That same year, a fire destroyed almost every house and *bohio* in Ceiba, a wooden church roofed with clay tiles, the King's house, a butcher shop, and the cemetery. The Town had 3 incomplete streets, Calle Real (N-S), Calle Carniceria (E- W), Calle del Pueblo (E-W), the square and the church. Although the region was attractive to the early mining and sugar industries because of its gold-bearing rivers and fertile lands, the region's population grew slowly through the 18th and 19th centuries. During the 19th and 20th centuries, it had two great sugar mills as well as diverse haciendas.

During the first decades of the 20th century, the development of the region continued to be slow. This was due in part to the inadequate transportation and communication infrastructure of eastern Puerto Rico. On Tuesday, May 2, 1939, the newspaper El Mundo published the War Department's intentions to invest \$1,000,000,000 in Puerto Rico. The report said: "Under President Roosevelt's leadership, the War Department has moved swiftly to make certain arrangements with an emphasis on Puerto Rico as the guardian of the U.S." Lifeline" in the Caribbean and the focus of

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

the defense hemisphere. Expert military experts told United Press that Puerto Rico will become an impregnable air base for the U.S. Air Force. The Second World War starts in Europe, and the United States decided to strengthen the Caribbean.” The U.S. purchased 2217.33 acres of property from the municipality of Ceiba.

There are eleven (11) cultural resources within a 0.25-mile radius of the project area that is 50 years or older, 1 listed, 6 Eligible to the **NRHP**. The Ceiba historical plaza and its surroundings are present since the initial layout of the town 1836/1838 by provision of the founding regulations and have evolved over five centuries fulfilling multiple functions. The church, the priest's house, the town hall, the jail, the lodging for foreigners and the houses of the notable families of the town would have been located around and within the APE. The majority of early nineteenth century properties outside the metropolitan area, locations are rarely recorded on nineteenth century maps with exactitude. Although we know that by 1840 there was already a parish, a Casa del Rey, a jail, a house for the priest, a butcher shop, an elementary school with a teacher, a customs and post office, 34 houses, 3 shops, a street, and a Plaza. The properties/streets that survive to the present are the most recent facade of the town, reminiscences of these properties. However, they give us an idea of the archaeological potential of the Plaza and its surroundings. They are vestiges of previous constructions, and under the floors of the plaza and its surrounding streets the potential for the presence of Spanish colonial archaeological sites is high. The eleven (11) cultural resources within a 0.25-mile radius of the project area would typically be considered to indicate archaeological site potential, depending upon the degree of more recent development disturbances. Given the few disturbances, it is possible the existence of in situ nineteenth-century Euro-Spanish material remains on the subject property. Although no prehistoric sites have been previously recorded within .25 miles of the APE, regional site utilization during prehistoric times is known to have occurred. Most of these archaeological sites would be located at the former Roosevelt Roads Naval Station 608 meters east from the APE. Below is a description of these properties/historical resources.

1. PR-3 road. The cartographic analysis showed that this segment of the PR-3 road has nineteenth-century origins. It is a road of unquestionable historical importance, which had special relevance for the development of the sugar industry in this part of the island since the late 19th century and during the first half of the 20th century. This road is also important for historical military reasons, as it is the land communication route for the former naval base of Roosevelt Roads. Eligible
2. Iglesia San Antonio de Padua: Within 1840/ first Church Building, Wooden with Clay Tile Roof / 1932 reconstruction structure in Concrete with Zinc Roof, designed by Luis Perocier Eligible
3. Casa Alcaldía: 1840/1920-1937 City Hall. Neoclassical style Eligible
4. Escuela Santiago Iglesias Pantín: Neoclassic style, construction between 1937 and 1938 PRRA rural school project Eligible
5. 252 Ave Lauro Pinero: Creole architecture early 20th century No data
6. Adolfo Velez Fereau School: Neoclassic style, construction between 1937 and 1938 PRRA rural school project, Eligible.
7. Ceiba Fire Station: 13000012 Art deco, 1954 it is a concrete/masonry two-story 15 feet (4.6 m) wide, 35 feet (11 m) deep, building, set back about 20 feet (6.1 m) Listed

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

8. H/Pozo 43"; "H-2" H/Pozo 43"; "H-2"; "CE0300009" Historic pottery. Glass. Matt. of construction. Historical. XIX century. Twentieth century.
9. Bridge #117 1918/1972. Concrete and slab
10. Bollards (Culvert?) reinforced concrete historical “pretiles”/bollards
11. Felisa Rincón de Gautier Public Square: APE, Eligible

There are eight (8) archaeological studies within a 0.25-mile radius of the proposed project area, one (1) of them with positive results.

1. Virginia Rivera Calderón IA-IB Valle de Ceiba 1993 ICP/CAT-CE-93-02-05 SHPO 08-12- 90-06 Negative
2. Virginia Rivera Calderón IA-IB Paseos de Ceiba 1999 ICP/CAT-CE-99-04-03 Negative
3. Antonio Dubón Vidal IA-IB Restaurante Burger King Carr. PR-3 y PR-978 1998 ICP/CAT- CE-98-04-01 Negativo
4. Daniel Molina Feal IA Ceiba Shopping Center 1990 ICP/CAT-CE-90-01-04 Negative
5. Juan González IA-IB Ampliación y Remodelación de Edificio para uso multicultural y Asamblea Municipal 2008 03-08-02-03 Negative
6. Miguel Rodríguez IA-IB La Ceiba 2003 12-03-79-02 Negative
7. Eduardo Questell IA-IB Portal de Ceiba 2002 02-28-02-01 Negative
8. Rivera y Rodríguez IA-IB Relocalización PR-3, Fajardo-Humacao 1987 07-16-87-01 Positive
Historic pottery. Glass. Matt. of construction. Historical. XIX century. Twentieth century. CE0100027

Identification of Historic Properties- Architecture

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 Ceiba Traditional Urban Center. The proposed project including improvements to Jose Quiñones and Fuente Frias Streets is within Felisa Rincón de Gautier Public Plaza in the Traditional Urban Center of Ceiba.

The APE for visual effects is within the geographic area does not has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a historic property that makes it eligible for listing on the National Register. The visual effects of the APE for the substantial repair of the Felisa Rincón de Gautier Public Plaza will be visible from all the NRHP eligible properties except from the listed property; all mentioned below. To establish the significant historical value of the APE, five (5) NRHP-eligible historic properties, one (1) NRHP-listed historic property, and one (1) NRHP-eligible road have been identified:

1. Felisa Rincón de Gautier Public Square was built circa 1900, and it's an eligible historical

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

property. under criteria B, and it's the Area of Potential Effect

2. PR-3 Road was built circa 1900 and it's an eligible historical road under criterion A, C and D and it's the adjacent to the east of the APE.
3. San Antonio de Padua Church was built circa 1932, and it's an eligible historical property. under criteria A and C, and it's within centered of the APE.
4. The City Hall was built circa 1920, and it's an eligible historical property under criteria A and C, and it's within west of the APE.
5. Santiago Iglesias Pantín School was built circa 1937, and it's an eligible historical property under criteria A, B and C, and it's within west of the APE.
6. Adolfo Velez Fereau School was built circa 1937, and it's an eligible historical property under criteria A, B and C, and it's 131 feet away south from the APE.
7. Ceiba Fire Station was built in 1954, and it's a listed historical property under criteria A and it's 271 feet away north of the APE.

The evaluation considers eligible historical properties that are within the visual of the APE. This consideration is within the best interest of identifying properties that will or can incur in a direct effect. The APE has significant Architectural historical value therefore a detailed description of NRHP-eligible historic properties is presented to record the historical significance and support the final determination for the proposed project.

Felisa Rincón de Gautier Public Square

The Ceiba Traditional Urban Center was built during the 19th century; according to 1840 historical cartography and aerial photographs, it can be deduced that the Ceiba public square has undergone few changes in its original demarcation. In 1900, improvements were completed to the Public Square, without significant alterations to the original geometry. The changes have not been consistent with the perimeter setting therefore historical architectural value has been compromised.

The detailed description is emphasized to represent the existing condition of the Plaza. The plaza is rectangular in shape and the main shortest façade is facing to the east. The public square materiality is concrete construction and has concrete floor tiles from different colors installed accomplishing a mosaic design. The Plaza can be accessed thru Lauro Piñero street from the East, Fuente Fria Street from the North, Escolástico López street from the West, and Jose T. Quiñonez street from the South. The San Antonio de Padua Catholic churches serve as an anchor centered in the town plaza with the main façade looking East. The rear plaza façade is composed of the City Hall followed by the Santiago Iglesias Pantín School. Both structure's main façade is facing East and are located behind the catholic church. As an entertainment complementary feature, the Plaza has a round pavilion structure located to the South-East. The Pavilion is open on all sides with ornamental metal embroidery with a metal roof structure. In addition, the Plaza has two bronze memorials located to the North and a Ceiba tree from the 1950s located to the North-East of the square.

The quality of significance, as defined by the NRHP, is present in buildings that possess integrity of location, design, setting, materials, workmanship, feeling, and association. This property fulfills three

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

(3) of seven (7) criteria: Location, Setting, Feeling, and Association.

The type of significance, as defined by the NRHP, is evaluated on buildings in terms of the following **criteria considerations**: A-Event, B-Person, C-Design & Construction, D Information Potential. This property fulfills one (1) of the four (4) criteria: Person

B-Person: The Felisa Rincón de Gautier Public Square is associated to the following individuals, that contributed to national history. The individual Felisa Rincón de Gautier Marrero; also known as Doña Fela; (January 9, 1897 – September 16, 1994) was born in Ceiba. She was a politician who served as the mayor of the city of San Juan, Puerto Rico. She was the first woman to be elected as mayor of a capital city in the Americas

As above mentioned, the Felisa Rincón de Gautier Public Square contributes to the Ceiba Traditional Urban Center since it conveys the following aspects of integrity and criteria considerations: Location, Setting, Feeling, and Association. The Public Square represents a sense of feeling and association with the eligible district and is **eligible under Criterion B**. This property conveys enough criteria; therefore, the Ceiba Traditional Urban Center **cannot** dispense of this property **but may proceed** with the project scope of work **since it will not adversely affect the historical value**.

PR-3 Road

The Puerto Rico Highway 3 (PR-3), one of the oldest and longest highways in Puerto Rico dated from the 19th century. The infrastructure road is located within the boundaries of a listed NRHP historic district and city plaza. The construction of roads and highways in Puerto Rico consistently and as a government plan in the 1850s. The PR-3 was a project developed in the nineteenth century.

The section of the PR-3 highway that connects the municipalities of Fajardo, Ceiba, Humacao, and Naguabo was a major rural road. In 1900, the PR-3 road segment in Ceiba was a major route that prolonged access to cattle ranching and sugarcane cultivation, along its way there were haciendas and several ports that supported the island's growth during the Great Depression era. In 1940, the PR-3 was the main road to access the largest US base in the world under the name of Roosevelt Roads. This road is also important for historical military reasons, as it is the land communication route for the former naval base of Roosevelt Roads.

Currently, the segment impacted for this project on the PR-3 is Lauro Piñero Rd. #979. The characteristic of this road dates to a mixed-use zone. In the area, there are residences from the 1950s and public commerce. It is pertinent to point out that la PR-3 is a road of unquestionable historical importance, which had special relevance for the development of the sugar industry and military representation but does not enhance it in its current condition.

The quality of significance, as defined by the NRHP, is present in structures that possess integrity of location, design, setting, materials, workmanship, feeling and association. The PR-3 fulfills one (1) of seven (7) criteria: Location.

The type of significance, as defined by the NRHP, is evaluated on buildings in terms of the following

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

criteria Evaluation: A-Event, B-Person, C-Design & Construction, D-Information Potential. This house fulfills three (3) of the four (4) criteria: Event, Design & Construction, and Information potential.

A-Event: The PR-3 fulfilled the needs throughout the island to connect agricultural industry and which led to the building of an extensive system of roads that conditioned the island for an interconnected system led by a massive investment of capital.

C-Design & Construction: The PR-3 was engineering marvel in the areas of transportation because its construction represented the origin of current construction due to alignment in most of the challenging terrain in the island, demanding from its designers and builders, an innovative approach.

D-Information Potential: Puerto Rico Highway 3 seems to yield important information about local or national history: The PR-3 had special relevance for the development of the sugar industry and military representation.

Since the property meets one or more of the four Criteria for Evaluation and possesses integrity the Criteria Consideration G can be justified: Properties that Have Achieved Significance Within the Past Fifty Years. The cartographic analysis showed that this segment of the PR-3 road has nineteenth-century origins. It is a road of unquestionable historical importance, which had special relevance for the development of the sugar industry in this part of the island since the late 19th century and during the first half of the 20th century. This road is also important for historical military reasons, as it is the land communication route for the former naval base of Roosevelt Roads.

As above mentioned, the PR-3 contributes to the Ceiba Traditional Urban Center since it conveys aspect of integrity and criteria considerations. **The proposed project will not alter the geometry or any other characteristic of the PR-3, so it is understood that it does not have the potential to adversely affect this resource directly or indirectly.**

San Antonio de Padua Church

The Catholic Roman church San Antonio de Padua Building is within the boundaries of a listed NRHP historic district and city plaza. The subject property was founded circa 1840 and its original construction was wooden with a clay tile roof. The property is present in 1930 USGS Aerial Imagery with a larger footprint made of Concrete with a corrugated metal Roof, designed by Luis Perocier in 1932. The church is a good example of baroque modest architecture.

The Main façade is divided into three segments, with a bell tower and a glass rose window located half-height in the center. The bell tower roof has installed Spanish tiles and has an opening that exposes the bell from all sides. The church can be accessed thru the center with a two-leaf arched door with embedded glass on top and aluminum louvers. At each end of the main door, one set of Miami corrugated aluminum windows with a vertical grill attached to the wall is present. Symmetrically at each end of the main façade, two sets of Miami corrugated aluminum windows with an arch concrete detail and vertical grill attached to the wall are evident. The sides and rear facades are made of the same materiality and Miami aluminum windows with vertical grills attached to the wall are also present. The North façade has a flush metal door to egress the church from the side. During a recent restoration effort, the stairway leading to the choir area and the bell

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

tower was removed.

The quality of significance, as defined by the NRHP, is present in buildings that possess the following aspects of integrity: location, design, setting, materials, workmanship, feeling, and association. The San Antonio de Padua Church fulfills seven (7) of seven (7) aspects of integrity.

The type of significance, as defined by the NRHP, is evaluated on buildings in terms of the following criteria considerations: A-Event, B-Person, C-Design & Construction, D-Information Potential. This property fulfills one (1) of the four (4) criteria: Design & Construction

C-Design & Construction: The San Antonio de Padua Church is associated with the eligible traditional Urban center and embodies distinctive characteristics or methods of construction. It is noticeable the work of a master possesses h artistic value as other architectural representations from the dated periods.

As above mentioned, the San Antonio de Padua Church contributes to the Ceiba Traditional Urban Center since it conveys the following aspects of integrity and criteria considerations: Location, Design, Setting, Materials, Workmanship, Feeling and Association, and other Architectural features such as Baroque Architecture style, Bell tower and, Rose glass window. The Property architecture conveys a sense of feeling and association with the eligible district and is therefore **eligible under Criterion C**. This property conveys enough criteria; therefore, the Ceiba Traditional Urban Center **cannot** dispense of this property **but may proceed** with the project **since it will not adversely affect the historical value**.

Ceiba City Hall

The Ceiba City Hall is within the boundaries of a listed NRHP historic district and city plaza. The subject property was founded circa 1840. The property is present in 1930 USGS Aerial Imagery, therefore the property was built circa 1920. The Ceiba City Hall is a good example of the Neoclassical architecture style. The subject property was restored circa 1920-1937 to present its current condition.

The City Hall has a rectangular-shaped floorplan, composed of two stories with simple geometric forms composed of grand-scale volumes. The longest main façade is facing east, and the materiality is concrete construction. The main façade has a pediment centered on the façade, below thirteen sets of triglyphs, and a cornice is present surrounding this area. The Pediment is supported by four pilaster columns centered on the façade. In the main façade, centered on the lower level, is the main door to egress to the city hall. This is a two-leaf door made of glass and metal. In the main façade, the upper level has a balcony present located in the center of this area. The balcony is enclosed with low concrete walls and three sets of triglyphs. In the back wall of the balcony, a two-leaf door made of glass and metal is present to egress this area. The main façade has symmetrically installed six jalousie aluminum windows on the upper and lower level. The sides and rear elevations are made of concrete and windows of the same type along with Miami aluminum windows are installed. The South and west elevation has an exterior stair to access the upper level of the city hall from the street.

The quality of significance, as defined by the NRHP, is present in buildings that possess the following aspects of integrity: location, design, setting, materials, workmanship, feeling, and association. The Ceiba City Hall fulfills seven (7) of seven (7) aspects of integrity.

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

The type of significance, as defined by the NRHP, is evaluated on buildings in terms of the following criteria considerations: A-Event, B-Person, C-Design & Construction, D-Information Potential. This property fulfills one (1) of the four (4) criteria: Design & Construction

C-Design & Construction: The Ceiba City Hall is associated with the eligible traditional Urban center and embodies distinctive characteristics or methods of construction. It is noticeable the work of a master possesses high artistic value as other architectural representations from the dated periods.

As above mentioned, the Ceiba City Hall contributes to the Ceiba Traditional Urban Center since it conveys the following aspects of integrity and criteria considerations: Location, Design, Setting, Materials, Workmanship, Feeling and Association, and other Architectural features such as Neoclassical Architecture style, pediment, and pilasters. The Property architecture conveys a sense of feeling and association with the eligible district and is therefore **eligible under Criterion C**. This property conveys enough criteria; therefore, the Ceiba Traditional Urban Center **cannot** dispense of this property **but may proceed** with the project **since it will not adversely affect the historical value**.

Santiago Iglesias Pantín School

The Santiago Iglesias Pantín School is within the boundaries of a listed NRHP historic district and city plaza. The early construction process of the subject property is present in 1930 USGS Aerial Imagery. Therefore, the eligible historical property finalized its construction circa 1937. The Santiago Iglesias Pantín School is a good example of the Neoclassical Architecture style and a result of the Puerto Rico Reconstruction Administration (PRRA) rural school projects.

The Santiago Iglesias Pantin School was built circa 1937 as a Puerto Rico Reconstruction Administration (PRRA) - rural school project. The school has a rectangular-shaped floorplan, composed of one story with simple geometric forms representative of the dated architectural period. The main façade has a dentil centered on the façade; a cornice is present surrounding this area. The dentil is supported by four rectangular columns centered on the façade. Centered in the main façade, is the main door to egress to the school. This is a two-leaf flush metal door. Due to the dentil length and column support a corridor is present in this area. The ceiling has rectangular recessions to enunciate the horizontality of this area. The main façade has symmetrically installed four Miami aluminum windows in this area. The sides and rear elevations are made of concrete and windows of the same type are installed. The rear and side façade have a two-leaf flush metal door installed centered on this area.

The quality of significance, as defined by the NRHP, is present in buildings that possess the following aspects of integrity: location, design, setting, materials, workmanship, feeling, and association. The Santiago Iglesias Pantín School fulfills seven (7) of seven (7) aspects of integrity.

The type of significance, as defined by the NRHP, is evaluated on buildings in terms of the following criteria considerations: A-Event, B-Person, C-Design & Construction, D-Information Potential. This property fulfills Three (3) of the four (4) criteria: Event, Person, and Design & Construction.

A-Event: The Santiago Iglesias Pantín School is associated with the following important events that support cultural values. The Puerto Rico Reconstruction Administration (PRRA) was one of the alphabet agencies of the New Deal established by the administration of President Franklin Delano Roosevelt. The Program of School Construction focused on creating school facilities in rural

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

areas between 1937 and 1938.

B-Person: The Santiago Iglesias Pantín School is associated with the following individual, that contributed to local, and national history. The individual, Santiago Iglesias Pantín (February 22, 1872 – December 5, 1939), was a Spanish-born Puerto Rican socialist and trade union activist. Iglesias is best remembered as a leading supporter of statehood for Puerto Rico, and as the Resident Commissioner of Puerto Rico in the U.S. Congress from 1933 to 1939.

C-Design & Construction: The Santiago Iglesias Pantín School is associated with the eligible traditional Urban center and embodies distinctive characteristics or methods of construction. It is noticeable the work of a master possesses high artistic value as other architectural representations from the dated period.

As above mentioned, the Santiago Iglesias Pantín School contributes to the Ceiba Traditional Urban Center since it conveys the following aspects of integrity and criteria considerations: Location, Design, Setting, Materials, Workmanship, Feeling and Association, and other Architectural features such as Neoclassical Architecture style, dentil, and columns. The Property architecture conveys a sense of feeling and association with the eligible district and is therefore **eligible under Criterion A, B, and C**. This property conveys enough criteria; therefore, the Ceiba Traditional Urban Center **cannot** dispense of this property **but may proceed** with the project **since it will not adversely affect the historical value**.

Adolfo Veve Fereau School

The Adolfo Veve Fereau School is within the boundaries of a listed NRHP historic district and city plaza. The early construction process of the subject property is present in 1930 USGS Aerial Imagery. Therefore, the eligible historical property finalized its construction circa 1937. The Adolfo Veve Fereau School is a good example of the Neoclassical Architecture style and a result of the Puerto Rico Reconstruction Administration (PRRA) rural school projects.

The Adolfo Veve Fereau School was built circa 1937 as a Puerto Rico Reconstruction Administration (PRRA) - rural school project. The school has a rectangular-shaped floorplan, composed of one story with simple geometric forms representative of the dated architectural period. The main façade is facing north and has a projected dentil centered on the façade; below seven sets of triglyphs, and a cornice is present surrounding this area. The dentil is supported by four round columns centered on the façade. Centered in the main façade, is the main door to egress to the school. This is a two-leaf flush metal and glass door. Due to the dentil length and column support a corridor is present in this area. The ceiling has rectangular recessions to enunciate the horizontality of this area. The main façade has symmetrically installed three window sections with an awning with ceramic Spanish tiles installed. On this area, twelve jalousie aluminum windows are present in this area. The sides and rear elevations are made of concrete and windows of the same type are installed.

The quality of significance, as defined by the NRHP, is present in buildings that possess the following aspects of integrity: location, design, setting, materials, workmanship, feeling and association. The Adolfo Veve Fereau School fulfills seven (7) of seven (7) aspects of integrity.

The type of significance, as defined by the NRHP, is evaluated on buildings in terms of the following

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

criteria considerations: A-Event, B-Person, C-Design & Construction, D-Information Potential. This property fulfills three (3) of the four (4) criteria: Event, Person and Design & Construction

A-Event: The Adolfo Veve Fereau School is associated with the following important events that support cultural values. The Puerto Rico Reconstruction Administration (PRRA) was one of the alphabet agencies of the New Deal established by the administration of President Franklin Delano Roosevelt. The Program of School Construction focused on creating school facilities in rural areas between 1937 and 1938.

B-Person: The Adolfo Veve Fereau School is associated to an individual, that contributed to national history. The Ceiba municipality land was parceled out to various plantations and farmsteads, with significant segments controlled by a few large sugarcane hacienda owners, including Adolfo Veve Ferraud. The Veve family-owned Hacienda Aurora, Hacienda Tolonesa, and Hacienda Aguas Claras.

C-Design & Construction: The Adolfo Veve Fereau School is associated with the eligible traditional Urban center and embodies distinctive characteristics or methods of construction. It is noticeable the work of a master possesses high artistic value as other architectural representations from the dated period.

As above mentioned, the Adolfo Veve Fereau School contributes to the Ceiba Traditional Urban Center since it conveys the following aspects of integrity and criteria considerations: Location, Design, Setting, Materials, Workmanship, Feeling and Association and other Architectural features such as: Neoclassical Architecture style and pilasters. The Property architecture conveys a sense of feeling and association with the eligible district and is therefore **eligible under Criterion A, B and C**. This property conveys enough criteria; therefore, the Ceiba Traditional Urban Center **cannot** dispense of this property **but may proceed** with the project **since it will not adversely affect the historical value**.

Ceiba Fire Station

The Ceiba fire station, at 226 Lauro Piñero Avenue, was built in 1954. It was listed on the National Register of Historic places in 2013. The National Register information system id is 13000012. The Architectural style is Art Deco, and its materiality is concrete construction. The ceiba fire station applicable criteria are A-Event, and the area of significance is politics/government. In 1950s the construction of the fire stations, both in their design and in their locations was an exercise of political control by the government. The fire stations were a local manifestation of governmental control and paternity throughout Puerto Rico.

The ceiba fire station is a two-story 15 feet (4.6 m) wide, 35 feet (11 m) deep, building, set back about 20 feet (6.1 m). The listed property near the Area of potential effect is not considered and will not be affected directly during de construction and demolition process to accomplish the proposed scope of work.

The demolition works will exclude the removal of the existing sidewalks within Lauro Piñero street in front of the listed property of the Ceiba fire station. The National Register information system id is 13000012. The exclusion of the demolishment of the sidewalk area will benefit the integrity of the property and conserve the workmanship typical detail of the ramp area in the historic property. The Scope of work will not affect historic properties.

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

Determination

As mentioned before, the project is situated within an NRHP-eligible Traditional Urban Center and an examination of the historic, archaeological, and cartographic records shows the existence of 5 NRHP-eligible historic properties within the visual of the APE; San Antonio de Padua Church, City Hall, Santiago Iglesias Pantín School, and Adolfo Veve Fereau School and the Felisa Rincón de Gautier Public Square. Additional to the east of the APE is PR-3, a 19th century origins road. As the historic mapping illustrates the APE is within/adjacent to the location of the nineteenth century original town center. In addition to the APE being located within/adjacent to a historic town center, the degree of more recent development disturbances is low. The aerial imagery indicates that most of the property is without significant alterations to the original geometry. From the analysis of the historical cartography and aerial photographs, it can be deduced that the Ceiba public square has undergone few changes. There have been little changes in the surroundings of the square, ground disturbances like excavation for modern utilities (water, sewage, electrical), streets and sidewalks, geometrical improvements to roads and intersections, have been minimum therefore the possibility of finding archaeological deposits with integrity is high. Due to the characteristics of the historical plaza and its relationship with the PR-3, there is the possibility that the proposed project can expose foundations of old buildings along the street if realignment of facades was performed. Although no prehistoric sites have been previously recorded within .25 miles of the APE, regional site utilization during prehistoric times is known to have occurred. Most of these archaeological sites would be located at the former Roosevelt Roads Naval Station 608 meters east from the APE.

When considering these elements both individually or together, their importance from the archaeological and historical point of view is undeniable. As we know, the Plaza of Ceiba has been the center of commercial and civil activity since 1841 and is an integral part of the identity and history of the municipality and the region. In archaeological terms, given the past experiences with previous construction projects in traditional urban centers in Puerto Rico, it is known the sensitivity of these areas in terms of archaeological findings. For these reasons, the potential of finding previously unidentified archaeological resources with integrity and additional undisturbed deposits (historic and prehistoric) below the surface of Plaza and within the project area is very high. Also is important to emphasize that no archaeological investigations have been made in the Traditional Urban Center of Ceiba. For this reason, an archaeological supervision accompanied by desk-based research is recommended, it will be necessary to inform archaeological fieldwork and enable finds and features identified to be understood in their context.

The proposed project will not have an adverse effect on the built environment and the traditional urban center visually. The introduction of visual elements does not diminish or alter the setting that could compromise historical eligible properties value.

- o New concrete slab (sidewalks) and surface treatments within the plaza.
- o New concrete stairs and concrete ramps to access the plaza level.
- o New trellis structures
- o New stage facilities

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

- o Urban mobiliary
- o Installation of solar luminaires
- o New landscape treatment

The proposed architectural features are not expected to portray false sense of historical appropriation or workmanship details. The features are intended to look and feel from the 21st century considering the context scale of the traditional urban center. The placement of the new construction and features considers historical evolution of the plaza as so not to modify or differ from what has been typical for the APE. The Eligible properties in the Area of potential effect are not considered in the design and will not be affected during de construction and demolition to accomplish the proposed scope of work.

Founded on the results of the historic property identification efforts, the Program has determined that project actions **will not** affect the historic properties eligible historical properties that are within the visual of the APE . The following eligible historical and listed properties and road have been identified within the APE:

Direct Effect within the APE:

- o Felisa Rincón de Gautier Public Square was built circa 1900, and it's an eligible historical property under criteria B, and it's the Area of Potential Effect. The direct effect will be due to e ground disturbing activities would be of approximately 3.0 feet depth,, the removal of the existing pavers within the plaza, demolition of existing planters, demolition of the gazebo, and concrete stairs, removal of urban mobiliary, removal of lighting posts and demolition of sidewalks.

Indirect Effect:

- o PR-3 Road was built circa 1900 and it's an eligible historical road under criterion A,C and D and it's the adjacent to the east of the APE.
- o San Antonio de Padua Church was built circa 1932, and it's an eligible historical property. under criteria A and C, and it's within centered of the APE.
- o The City Hall was built circa 1920, and it's an eligible historical property under criteria A and C, and it's within west of the APE. .
- o Santiago Iglesias Pantín School was built circa 1937, and it's an eligible historical property under criteria A, B and C, and it's within west of the APE.
- o Adolfo Vele Fereau School was built circa 1937, and it's an eligible historical property under criteria A, B and C, and it's 131 feet away south from the APE.
- o Ceiba Fire Station was built in 1954, and it's a listed historical property under criteria A and it's 271 feet away north of the APE.

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

Based on this, **a No Adverse Effect** determination is appropriate for this project if the following recommendations are followed; **(a) an archaeological Supervision/Monitoring with a plan of inadvertent discovery of cultural materials and human remains, accompanied by desk-based research, (b) a Protection Plan during the construction of the identified historical properties (c) and the execution of controlled demolition in the APE.**

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

Recommendation

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): (1) an archaeological Supervision/Monitoring with a plan of inadvertent discovery of cultural materials and human remains, accompanied by desk-based research, (2) a Protection Plan for identified historical properties to be implemented during construction, (3) and the execution of controlled demolition in the APE.

☐ Adverse Effect

This Section is to be Completed 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:

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

Table of archaeological sites, historic properties and historic districts located within the project area or within a .25-mile radius

#	Name	SHPO id #	IPRC id #	Distance/Di rection	Description	NRHP (listed, eligible, non-eligible, no data)
1	PR-3	No data	No data	Within	The cartographic analysis showed that this segment of the PR-3 road has nineteenth- century origins. It is a road of unquestionable historical importance, which had special relevance for the development of the sugar industry in this part of the island since the late 19th century and during the first half of the 20th century. This road is also important for historical military reasons, as it is the land communication route for the former naval base of Roosevelt Roads	Eligible
2	Iglesia San Antonio de Padua	Cb-001	No data	Adjacent / center of the Plaza	1840/ first Church Building, Wooden with Clay Tile Roof / 1932 reconstruction structure in Concrete with Zinc Roof, designed by Luis Perocier	Eligible
3	Casa Alcaldía	Cb-002	No data	Adjacent /West	1840/1920-1937 City Hall. Neoclassical style	Eligible
4	Plaza	Cb-A	No data	Within	1840	Eligible
5	Escuela Santiago Iglesias Pantín	Cb-003	No data	Adjacent/ West	Neoclassic style, construction between 1937 and 1938 PRRA rural school project	Eligible
6	Adolfo Veve Fereau School	Cb-018	No data	7/10 meters South	Neoclassic style, construction between 1937 and 1938 PRRA rural school project	Eligible
7	Ceiba Fire Station	13000012	No data	160 meters North	Art deco, 1954 is concrete/masonry	Listed
8	H/Pozo 43"; "H-2"; "CE0300009	CE0100027	No data	366 meters West	H/Pozo 43"; "H-2"; "CE0300009" Historic pottery. Glass. Matt. of construction. Historical. XIX century. Twentieth century.	No data

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

**Table of cultural resources surveys conducted within the project area or within
.25-mile radius.**

Author	Phase/Title	Year	SHPO / IPRC code	Results	Distance/Direction
Virginia Rivera Calderón	IA-IB Valle de Ceiba	1993	ICP/CAT-CE-93-02- 05 SHPO 08-12-90-06	Negative	166.8 meters Northeast
Virginia Rivera Calderón	IA-IB Paseos de Ceiba	1999	ICP/CAT-CE-99-04- 03	Negative	301 meters East
Antonio Dubón Vidal	IA-IB Restaurante Burger King Carr. PR-3 y PR- 978	1998	ICP/CAT-CE-98-04- 01	Negative	277 meters South
Daniel Molina Feal	IA Terrenos que ocupará El Ceiba Shopping	1990	ICP/CAT-CE-90-01- 04	Negative	292 meters southeast
Juan González	IA-IB Ampliación y Remodelación de Edificio para uso multicultural y Asamblea Municipal	2008	03-08-02-03	Negative	146 meters Northeast
Miguel Rodríguez	IA-IB La Ceiba	2003	12-03-79-02	Negative	259 meters Northeast
Eduardo Questell	IA-IB Portal de Ceiba	2002	02-28-02-01	Negative	351 meters Southeast
Rivera y Rodríguez	IA-IB RelocalizaciónPR-3, Fajardo-Humacao	1987	07-16-87-01	Positive Historic pottery. Glass. Matt. Of construction. Historical. XIX century. Twentieth century. CE0100027	366 meters West

Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 1. Project (Parcel) Location – Area of Potential Effect Map (Aerial)



Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 2. Project (Parcel) Location - USGS Topographic Map 1970



Indirect APE 
Direct APE 

Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 3. Project (Parcel) Location – Soils Map



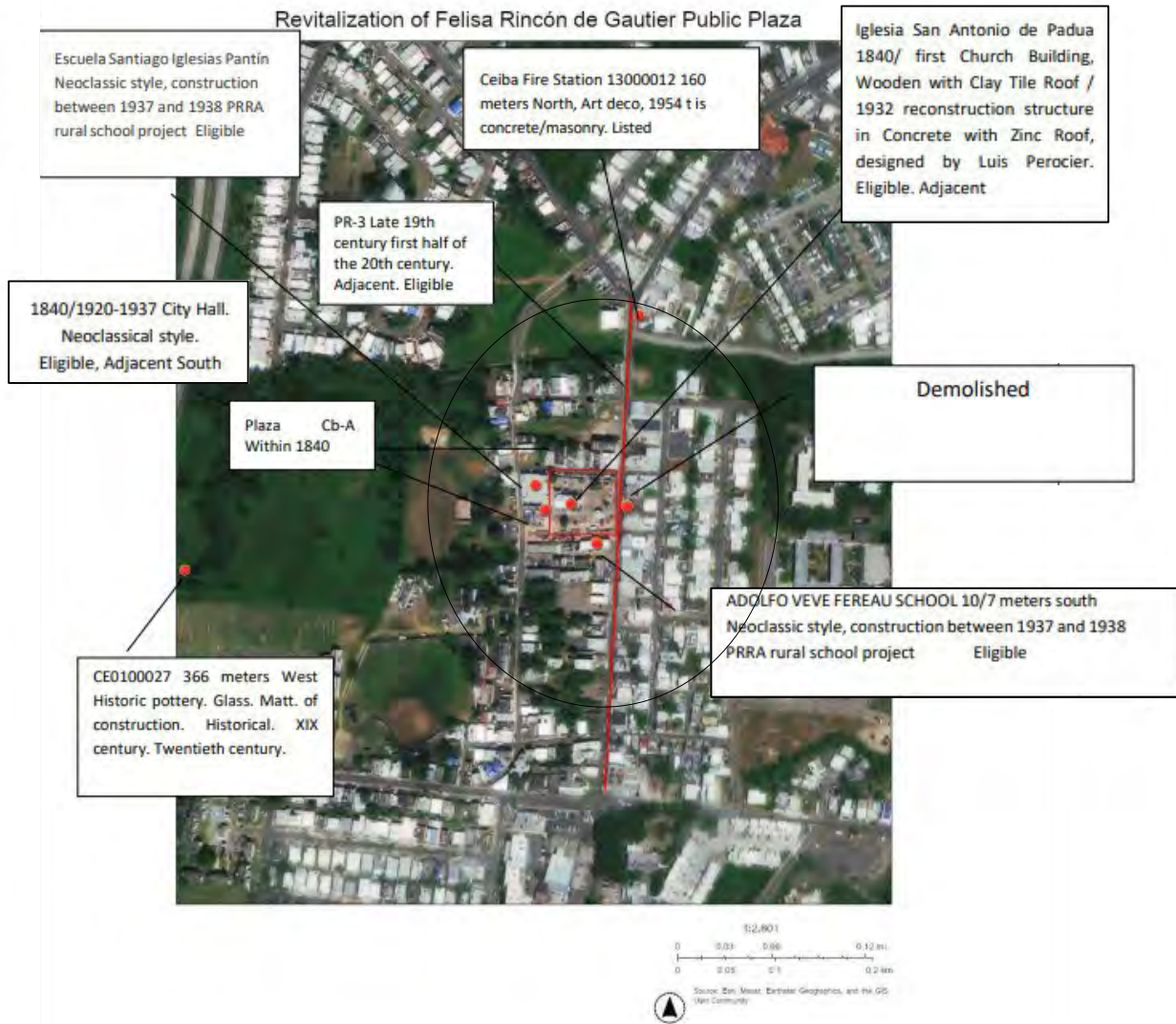
Direct APE —
Indirect APE —

Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 4. Project (Parcel) Location with Previous Investigations and Recorded Historic Properties- Aerial Map



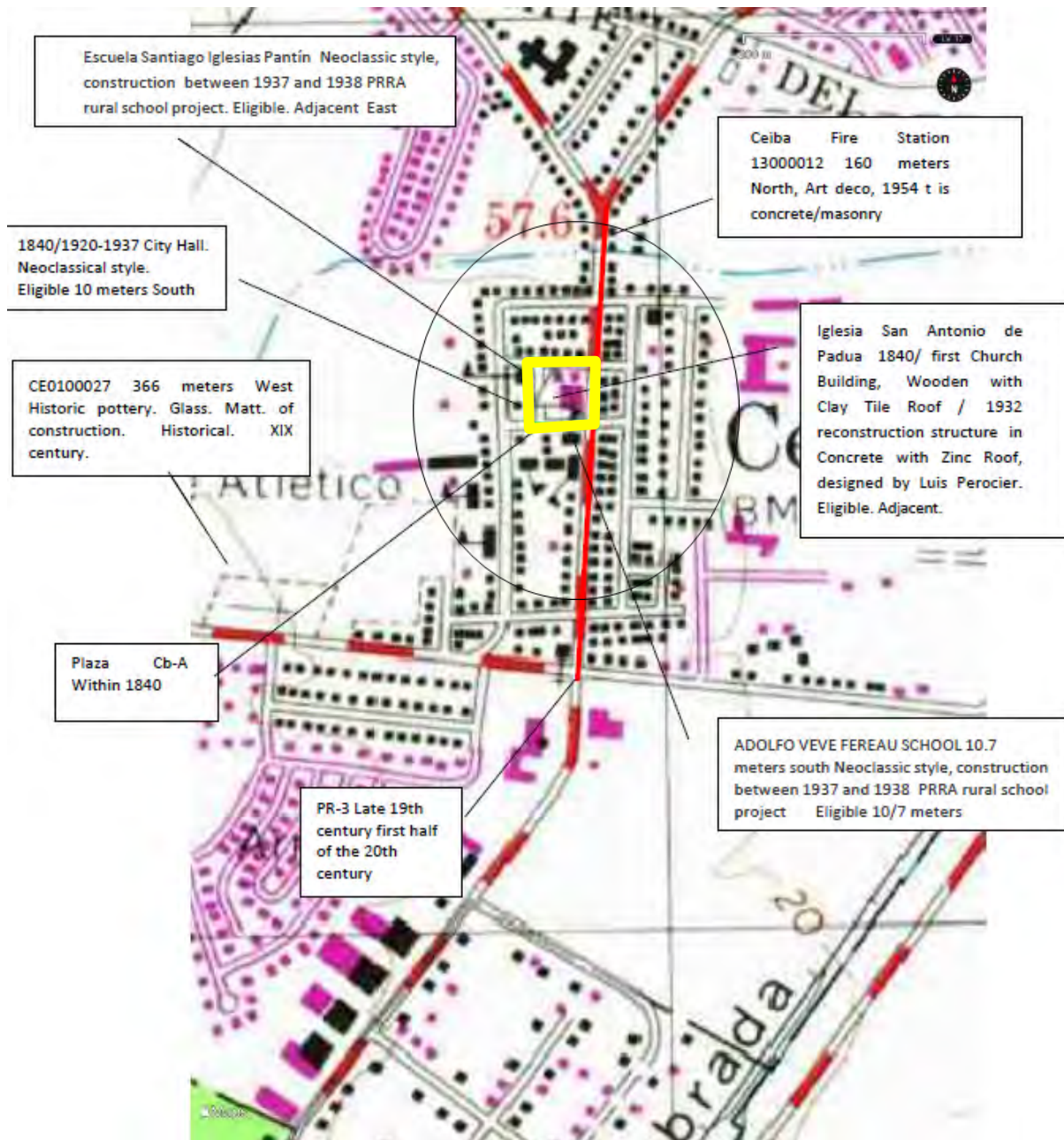
Area of Potential Effect

Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 5. Project (Parcel) Location with Previously Recorded Cultural Resources USGS Topographic Map 1971



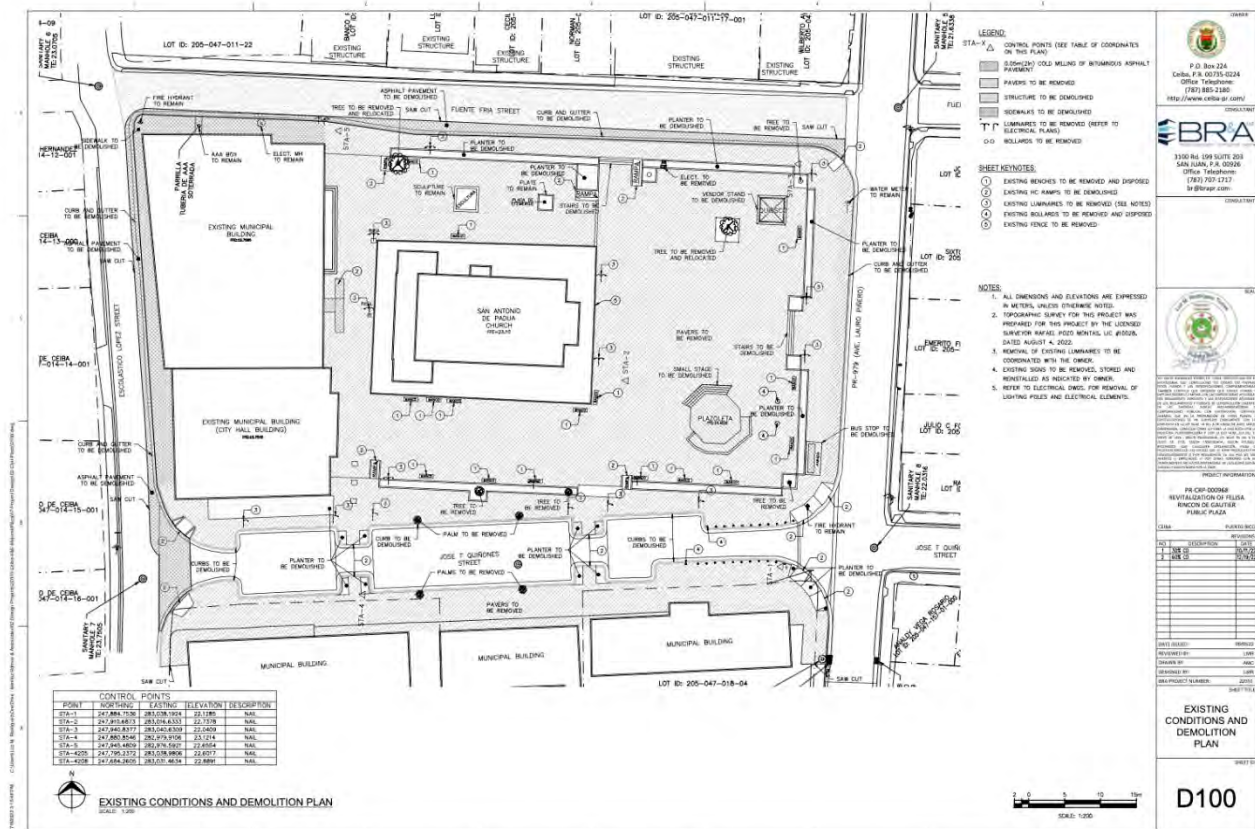
Area of Potential Effect

Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 6. Existing Condition, Selective Demolition Plan

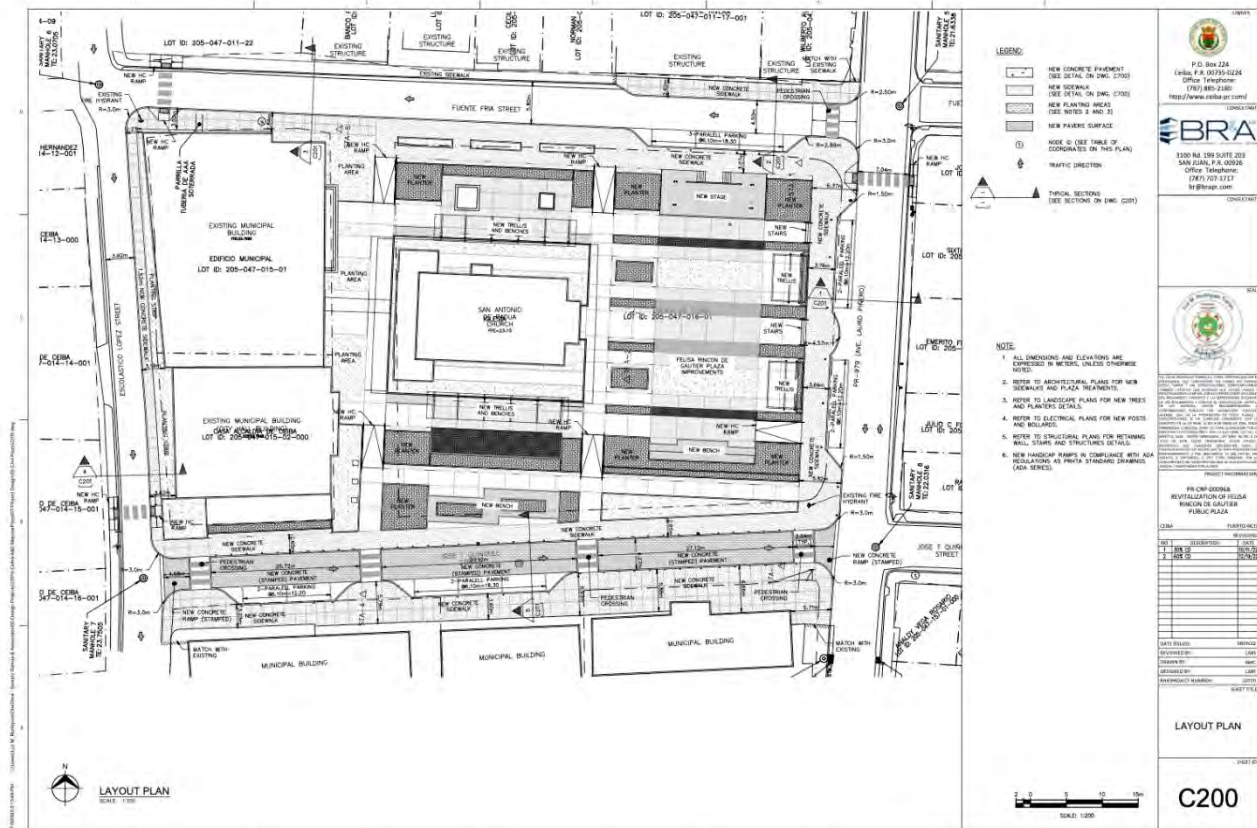


Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 7. Architecture Lay out Plan

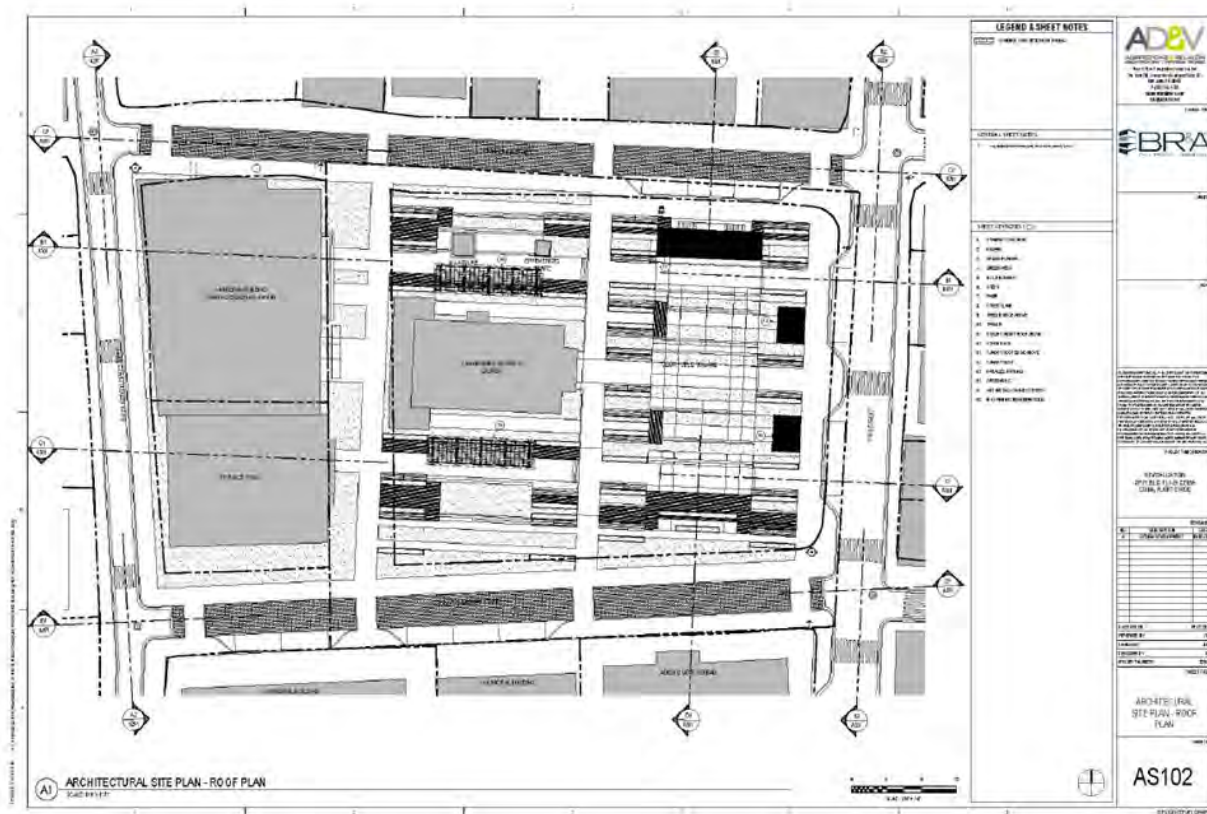


Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 8. Architecture Site Plan – Roof Plan

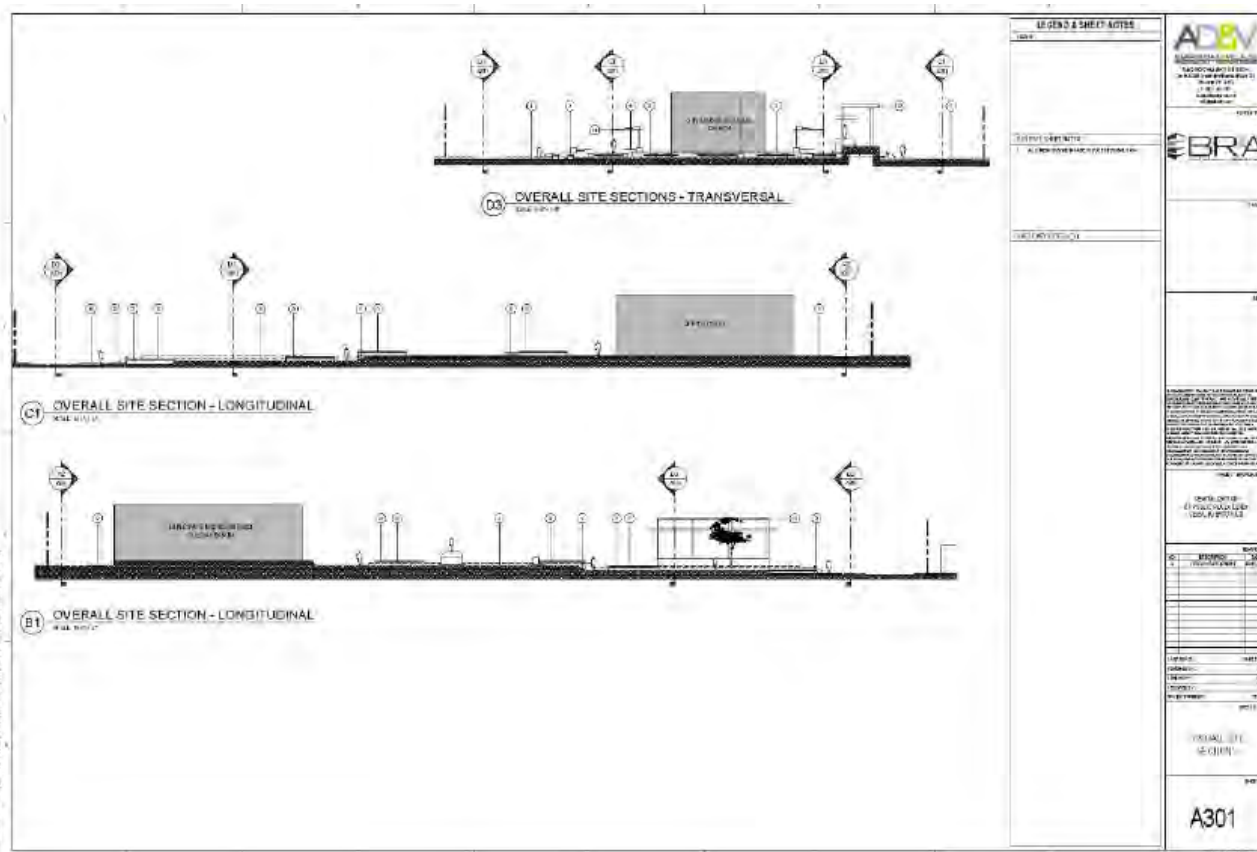


Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 10. Overall Site Section

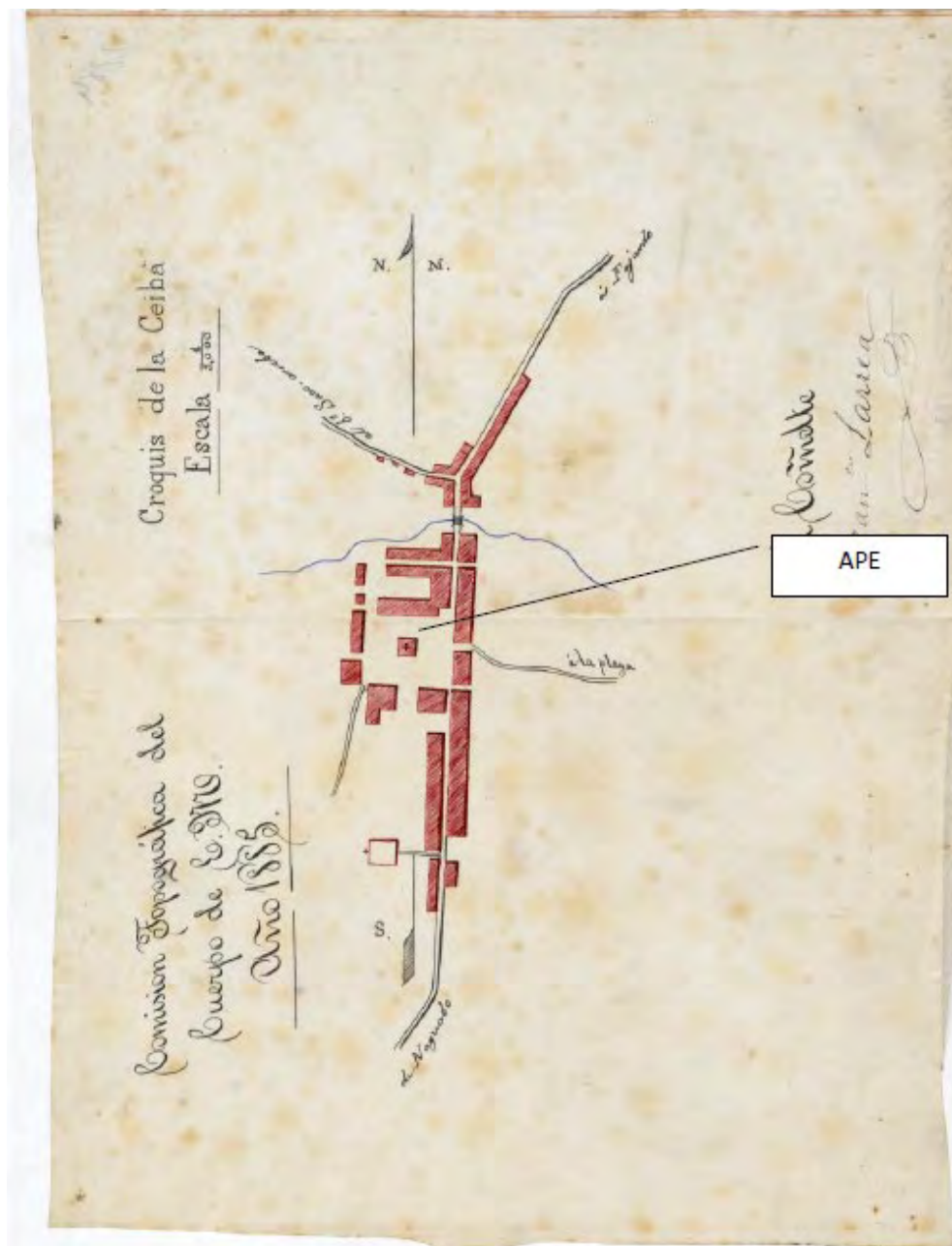


Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 11. Historic Map 1885



Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 12. Aerial photo 1930



- 1 Iglesia San Antonio de Padua
2. Alcaldía
3. Santiago Iglesias Pantín School
4. Adolfo Velez Fereau School
- 5 PR-3

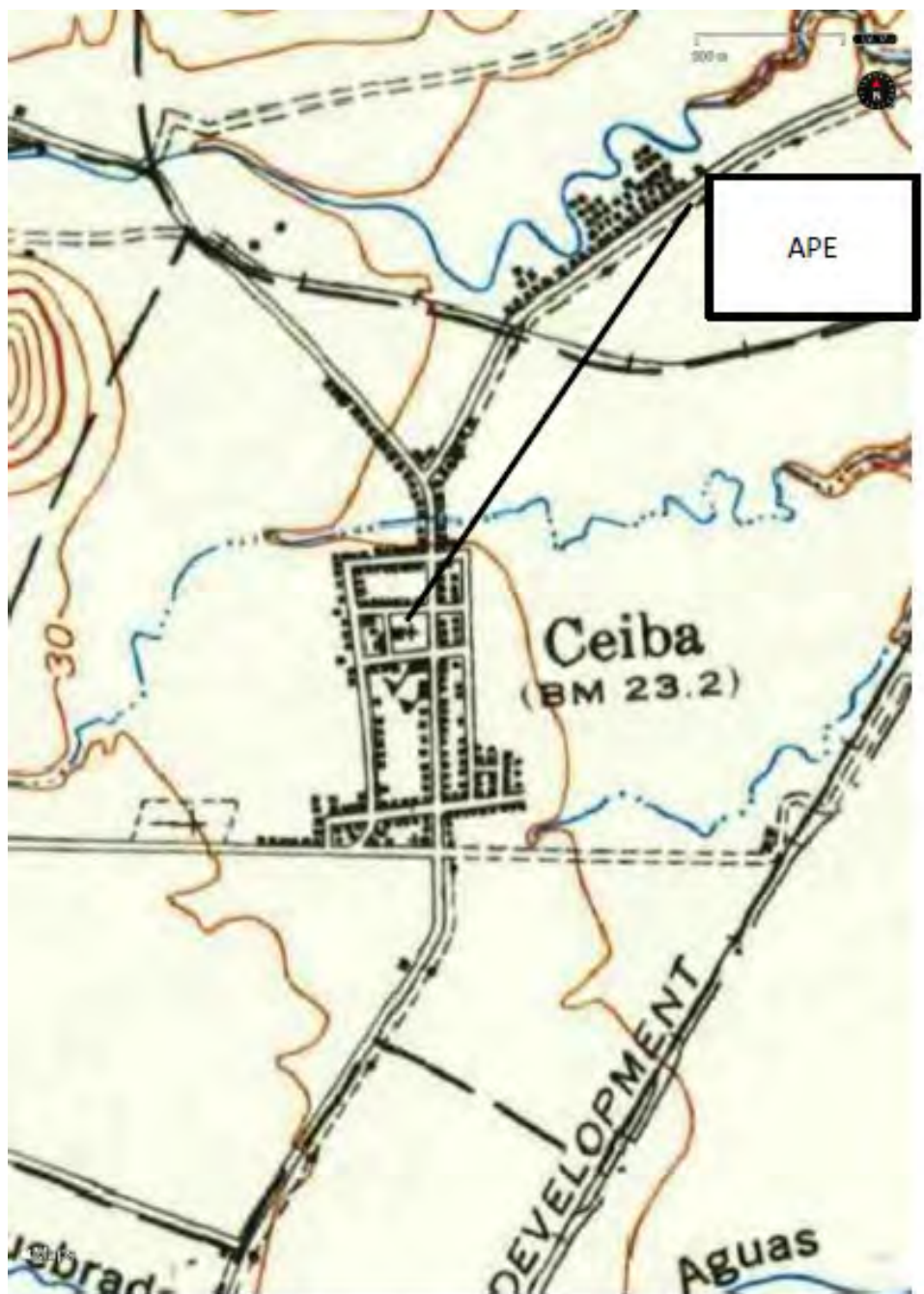


Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 13. USGS 1946



Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 14. Aerial photo 1971



1. Iglesia San Antonio de Padua
2. Alcaldía
3. Santiago Iglesias Pantín School
4. Adolfo Veve Fereau School
5. PR-3



Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 15. Aerial photo 1994



Indirect Impact



Direct Impact

Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 16. Aerial photo 2004



Indirect Impact



Direct Impact



Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 17. Aerial photo 2014



Indirect Impact



Direct Impact



Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 18. Aerial photo 2022



Indirect Impact



Direct Impact



Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 19. Photos Plaza, (1)1959, (2) 1970



Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 20. Alcaldía 1920-1937



Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 21 Adolfo Veve Fereau School 1937 and 1938 PRRA rural school project

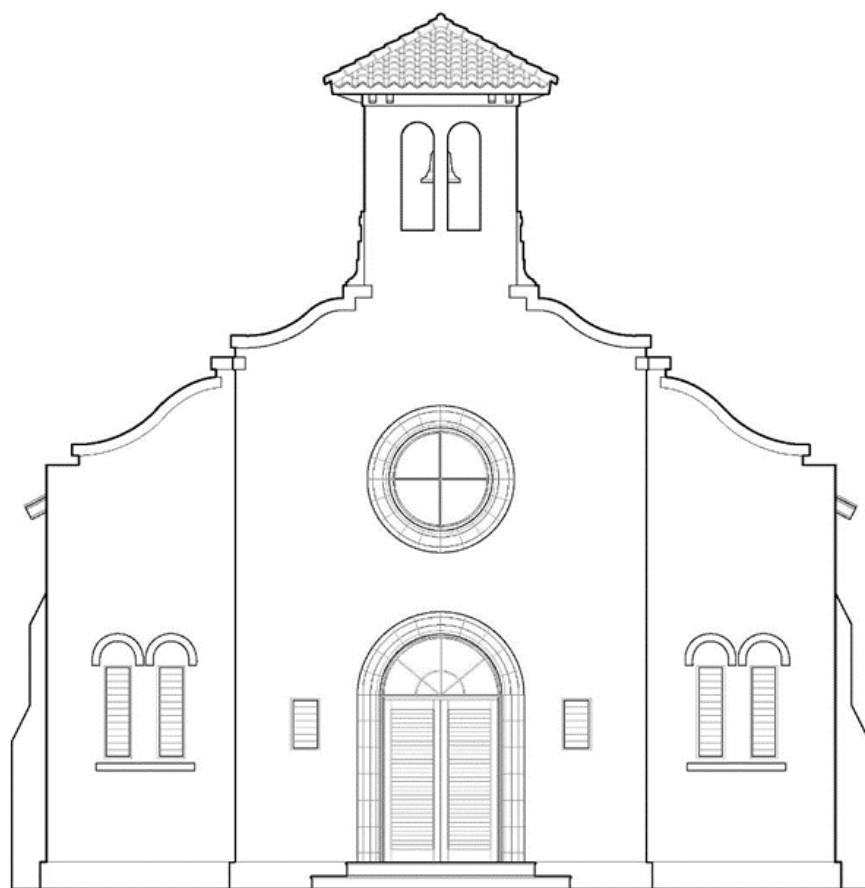


Subrecipient: Municipality of Ceiba

Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza

Project ID: CRP-00968

Figure 22. Iglesia San Antonio de Padua 1932; architect Luis Perocier



Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

West Elevation ☉ 85°E (T) LAT: 18.264837 LON: -65.648188 ±35m ▲ 26m  Ceiba BRA		
Photo #:1	Description (include direction): Effect of the tree's roots on the floor of the square. East side of the Plaza	
Date: 11-04- 2022		
West Elevation ☉ 83°E (T) LAT: 18.264830 LON: -65.648188 ±35m ▲ 26m  Ceiba BRA		
Photo #:2	Description (include direction): Effect of the tree's roots on the floor of the square. East side of the Plaza	
Date: 11-04- 2022		

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North Elevation ☉ 185°S (T) LAT: 18.264735 LON: -65.648181 ±35m ▲ 26m  Ceiba BRA	
Photo #:3	Description (include direction): Effect of the tree's roots on the floor of the square. South side of the Plaza
Date: 11-04- 2022	
South West Elevation ☉ 55°NE (T) LAT: 18.264735 LON: -65.648184 ±35m ▲ 26m  Ceiba BRA	
Photo #:4	Description (include direction): Effect of the tree's roots on the floor of the square. Looking northeast.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North Elevation ☉ 187°S (T) LAT: 18.264805 LON: -65.648211 ±35m ▲ 26m 	
Photo #:5	Description (include direction):General view of Plaza floor. Looking south.
Date: 11-04- 2022	
East Elevation ☉ 278°W (T) LAT: 18.264876 LON: -65.648216 ±35m ▲ 26m 	
Photo #:6	Description: Veterans Memorial, located to the south of the church in front of the Santiago Padín School. The statue is in the northern section of the Plaza. General view looking west. Ground disturbing activities 3.0 feet depth (.91 m)
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North East Elevation ☉ 239°SW (T) LAT: 18.264809 LON: -65.648197 ±35m ▲ 26m 	
Photo #:7	Description (include direction): General view looking southwest.
Date: 11-04- 2022	
North Elevation ☉ 186°S (T) LAT: 18.264877 LON: -65.648270 ±35m ▲ 26m 	
Photo #:8	Description (include direction): Detail of the floors and the entrance of the Santiago Iglesias Pantin building. Behind the church, right next to the Alcaldía.General view looking south.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North Elevation ☉ 184°S (T) LAT: 18.264687 LON: -65.648249 ±35m ▲ 26m 	
Photo #:9	Description (include direction): Sidewalk adjacent to Calle José T Quiñones in front of the Adolfo Veve Fereau School. General view looking south.
Date: 11-04- 2022	
South West Elevation ☉ 38°NE (T) LAT: 18.264717 LON: -65.648204 ±35m ▲ 26m 	
Photo #:10	Description (include direction): General view looking northeast.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North Elevation ☉ 182°S (T) LAT: 18.264816 LON: -65.648282 ±35m ▲ 26m  CeibaBRA	
Photo #:11	Description (include direction): Details of the fence of the church, the banks and the Mayor's Office. Segment of the square, located behind the church. General view looking south.
Date: 11-04- 2022	
West Elevation ☉ 93°E (T) LAT: 18.264574 LON: -65.648269 ±35m ▲ 26m  CeibaBRA	
Photo #:12	Description (include direction): General view looking east.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North West Elevation ☉ 127°SE (T) LAT: 18.264591 LON: -65.648280 ±35m ▲ 26m  CeibaBRA	
Photo #:13	Description (include direction): Southeast corner of the church gate General view looking southeast
Date: 11-04- 2022	
West Elevation ☉ 91°E (T) LAT: 18.264708 LON: -65.648209 ±35m ▲ 26m  CeibaBRA	
Photo #:14	Description: General view looking east
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

East Elevation ☉ 279°W (T) LAT: 18.264848 LON: -65.648206 ±35m ▲ 26m  CeibaBRA	
Photo #:15	Description (include direction): General view looking west.
Date: 11-04- 2022	
West Elevation ☉ 96°E (T) LAT: 18.264893 LON: -65.648251 ±35m ▲ 25m  CeibaBRA	
Photo #:16	Description (include direction): General view looking east.
Date: 11-04- 2022	

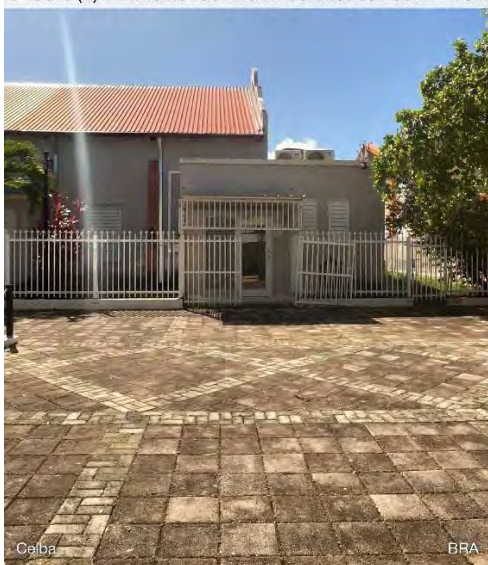
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

	
Photo #:17	Description (include direction): General view looking north.
Date: 11-04- 2022	
	
Photo #:18	Description (include direction): General view looking southwest. Intersection between José Quiñones Street and Lauro Piñero Ave. (PR-3)
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba	
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza	Project ID: CRP-00968

North Elevation ☉ 192°S (T) LAT: 18.264861 LON: -65.648237 ±35m ▲ 26m  CeibaBRA	
Photo #:19	Description (include direction): General view looking south. Adjacent sidewalk to Fuente Fría street
Date: 11-04- 2022	
South Elevation ☉ 2°N (T) LAT: 18.264613 LON: -65.648177 ±35m ▲ 26m  CeibaBRA	
Photo #:20	Description (include direction): General view looking south. Adjacent sidewalk to José Qiñones street
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North Elevation 📍 198°S (T) LAT: 18.264904 LON: -65.648225 ±35m ▲ 26m  CeibaBRA	
Photo #:21	Description (include direction): General view looking south. Details of the gate and north side of the Church.
Date: 11-04- 2022	
East Elevation 📍 285°W (T) LAT: 18.264862 LON: -65.648206 ±35m ▲ 26m  CeibaBRA	
Photo #:22	Description (include direction): General view looking west.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

West Elevation ☉ 92°E (T) LAT: 18.264509 LON: -65.648277 ±35m ▲ 26m  CeibaBRA	
Photo #:23	Description (include direction): General view looking east.
Date: 11-04- 2022	
North Elevation ☉ 175°S (T) LAT: 18.264573 LON: -65.648281 ±35m ▲ 26m  CeibaBRA	
Photo #:24	Description (include direction): General view looking south.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING	
Subrecipient: Municipality of Ceiba			
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968	

		North Elevation ☉ 169°S (T) LAT: 18.264937 LON: -65.648241 ±35m ▲ 26m  CeibaBRA
Photo #:25	Description (include direction): General view looking south.	
Date: 11-04- 2022		
		East Elevation ☉ 277°W (T) LAT: 18.264740 LON: -65.648185 ±35m ▲ 26m  CeibaBRA
Photo #:26	Description (include direction): General view looking west	
Date: 11-04- 2022		

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

West Elevation ☉ 91°E (T) LAT: 18.264846 LON: -65.648187 ±35m ▲ 26m  CeibaBRA	
Photo #:27	Description (include direction): General view looking east.
Date: 11-04- 2022	
South West Elevation ☉ 46°NE (T) LAT: 18.264835 LON: -65.648178 ±35m ▲ 26m  CeibaBRA	
Photo #:28	Description (include direction): General view looking northeast. Fuente Fría street intersection with Lauro Piñero Ave.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

East Elevation 287°W (T) LAT: 18.264850 LON: -65.648208 ±35m ▲ 26m  Ceiba BRA		
Photo #:29	Description (include direction): General view looking west.	
Date: 11-04- 2022		
South Elevation 357°N (T) LAT: 18.264681 LON: -65.648228 ±35m ▲ 26m  Ceiba BRA		
Photo #:30	Description (include direction): General view looking north.	
Date: 11-04- 2022		

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

East Elevation 271°W (T) LAT: 18.264737 LON: -65.648177 ±35m ▲ 26m  Ceiba BRA		
Photo #:31	Description (include direction): Stairs leading to the west section of the Plaza. A small staircase leads to this area. In the background you can see the Church and the Alcaldía. General view looking west.	
Date: 11-04- 2022		
South Elevation 8°N (T) LAT: 18.264731 LON: -65.648251 ±35m ▲ 26m  Ceiba BRA		
Photo #:32	Description (include direction): General view looking North.	
Date: 11-04- 2022		

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North Elevation ☉ 181°S (T) LAT: 18.264957 LON: -65.648235 ±35m ▲ 26m  ColbaBRA	
Photo #:33	Description (include direction): General view looking south.
Date: 11-04- 2022	
West Elevation ☉ 90°E (T) LAT: 18.264827 LON: -65.648200 ±35m ▲ 26m  ColbaBRA	
Photo #:34	Description (include direction): General view looking east. Sidewalk adjacent to Ave. Lauro Piñero
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

South Elevation ☉ 352°N (T) LAT: 18.264654 LON: -65.648231 ±35m ▲ 26m  CelbaBRA	
Photo #:35	Description (include direction): General view looking north. Adjacent sidewalk to José Qiñones street.
Date: 11-04- 2022	
South Elevation ☉ 14°N (T) LAT: 18.264601 LON: -65.648242 ±35m ▲ 26m  CelbaBRA	
Photo #:36	Description (include direction): General view looking north. Adjacent sidewalk to José Qiñones street.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

West Elevation 📍 97°E (T) LAT: 18.264924 LON: -65.648391 ±35m ▲ 26m  CeibaBRA			
Photo #:37	Description (include direction): General view looking east. Adjacent sidewalk to Fuente Fría street. On the left, the Santiago Iglesias Pantín School.		
Date: 11-04- 2022			
East Elevation 📍 284°W (T) LAT: 18.264824 LON: -65.648213 ±35m ▲ 26m  CeibaBRA			
Photo #:38	Description (include direction): General view looking west.		
Date: 11-04- 2022			

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

South Elevation ☉ 353°N (T) LAT: 18.264752 LON: -65.648190 ±35m ▲ 26m  CeibaBRA	
Photo #:39	Description (include direction): General view looking north.
Date:	
North Elevation ☉ 189°S (T) LAT: 18.264773 LON: -65.648170 ±35m ▲ 26m  CeibaBRA	
Photo #:40	Description (include direction): General view looking south. Adjacent sidewalk with Ave. Lauro Piñero. (PR-3)
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

South Elevation 5°N (T) LAT: 18.264576 LON: -65.648297 ±35m ▲ 26m  Ceiba BRA		
Photo #:41	Description (include direction): General view looking north.	
Date: 11-04- 2022		
East Elevation 274°W (T) LAT: 18.264725 LON: -65.648211 ±35m ▲ 26m  Ceiba BRA		
Photo #:42	Description (include direction): General view looking west.	
Date: 11-04- 2022		

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

West Elevation ☉ 87°E (T) LAT: 18.264913 LON: -65.648269 ±35m ▲ 26m  CeibaBRA	
Photo #:43	Description (include direction): General view looking east.
Date: 11-04- 2022	
South Elevation ☉ 11°N (T) LAT: 18.264603 LON: -65.648249 ±35m ▲ 26m  CeibaBRA	
Photo #:44	Description (include direction): General view looking north.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

South Elevation ☉ 12°N (T) LAT: 18.264642 LON: -65.648276 ±35m ▲ 26m  CeibaBRA	
Photo #:45	Description (include direction): General view looking north.
Date: 11-04- 2022	
South Elevation ☉ 19°N (T) LAT: 18.264597 LON: -65.648243 ±35m ▲ 26m  CeibaBRA	
Photo #:46	Description (include direction): General view looking north.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING	
Subrecipient: Municipality of Ceiba			
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968	

		East Elevation ☉ 271°W (T) LAT: 18.264567 LON: -65.648228 ±35m ▲ 26m 
Photo #:47	Description (include direction): Facade of the Alcaldía. Around the building the ground disturbing activities will be 3.0 feet depth (.91 m) . General view looking west.	
Date: 11-04- 2022		
		East Elevation ☉ 284°W (T) LAT: 18.264723 LON: -65.648195 ±35m ▲ 26m 
Photo #:48	Description (include direction): Facade of the church. Around the building the Ground disturbing activities will be 3.0 feet depth (.91 m) . General view looking west.	
Date: 11-04- 2022		

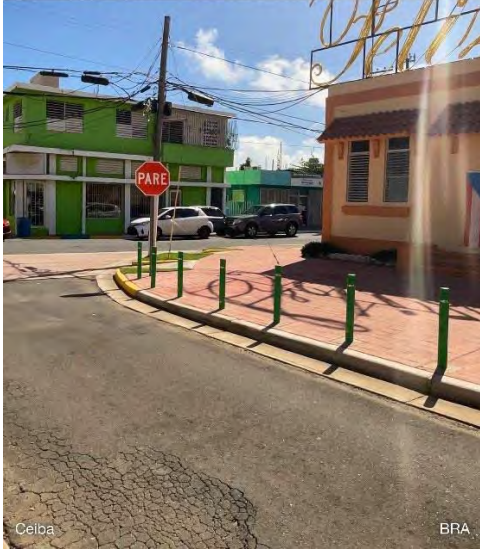
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

East Elevation 280°W (T) LAT: 18.264587 LON: -65.648298 ±35m ▲ 26m  Ceiba BRA		
Photo #:49	Description (include direction): Sidewalk adjacent to the Alcaldía. General view looking west.	
Date: 11-04- 2022		
North Elevation 188°S (T) LAT: 18.264879 LON: -65.648205 ±35m ▲ 26m  Ceiba BRA		
Photo #:50	Description (include direction): General view looking south.	
Date: 11-04- 2022		

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
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Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North Elevation ☉ 185°S (T) LAT: 18.264773 LON: -65.648195 ±35m ▲ 26m  CeibaBRA		
Photo #:51	Description (include direction): General view looking south.	
Date: 11-04- 2022		
North West Elevation ☉ 126°SE (T) LAT: 18.264716 LON: -65.648235 ±35m ▲ 26m  CeibaBRA		
Photo #:52	Description (include direction): General view looking southeast.	
Date: 11-04- 2022		

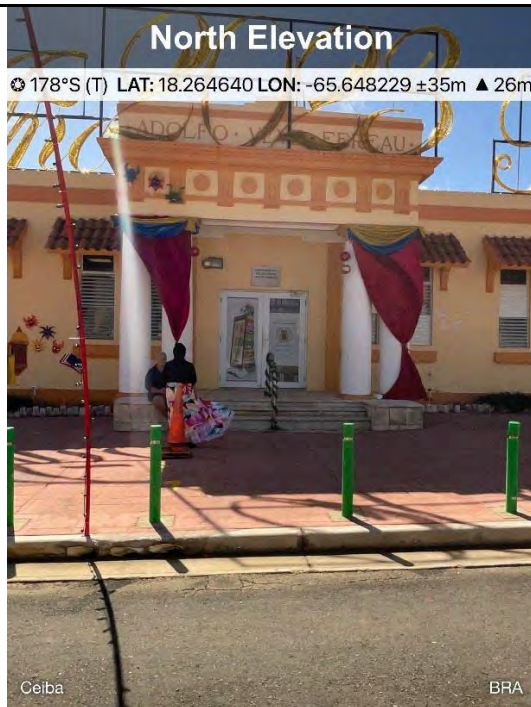
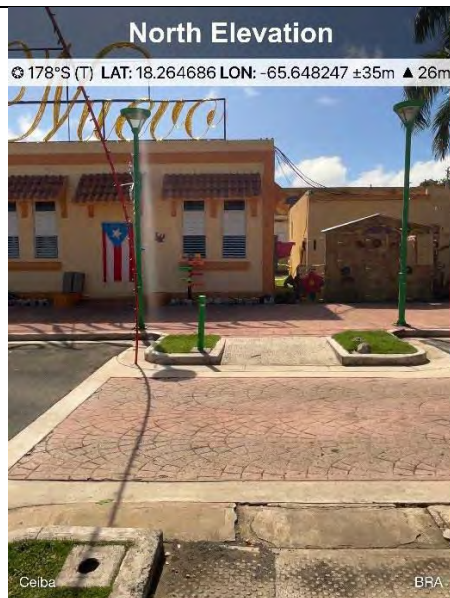
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North West Elevation 125°SE (T) LAT: 18.264633 LON: -65.648223 ±35m ▲ 26m  Ceiba BRA		
Photo #:53	Description (include direction): General view looking southeast.	
Date: 11-04- 2022		
North Elevation 175°S (T) LAT: 18.264913 LON: -65.648228 ±35m ▲ 26m  Ceiba BRA		
Photo #:54	Description (include direction): General view looking south.	
Date: 11-04- 2022		

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
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Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North Elevation ☉ 171°S (T) LAT: 18.264895 LON: -65.648263 ±35m ▲ 26m  CeibaBRA	
Photo #:55	Description (include direction): General view looking south.
Date: 11-04- 2022	
South Elevation ☉ 357°N (T) LAT: 18.264593 LON: -65.648546 ±35m ▲ 26m  CeibaBRA	
Photo #:56	Description (include direction): General view looking north.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
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Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

	
Photo #:57	Description (include direction): General view looking south. Facade of the Adolfo Veve School
Date: 11-04- 2022	
	
Photo #:58	Description (include direction): General view looking south. Facade of the Adolfo Veve School
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

West Elevation ☉ 92°E (T) LAT: 18.264879 LON: -65.648228 ±35m ▲ 26m  CeibaBRA	
Photo #:59	Description (include direction): General view looking east.
Date: 11-04- 2022	
North Elevation ☉ 185°S (T) LAT: 18.264848 LON: -65.648195 ±35m ▲ 26m  CeibaBRA	
Photo #:60	Description (include direction): General view looking north.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
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Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North Elevation ☉ 182°S (T) LAT: 18.264842 LON: -65.648233 ±35m ▲ 25m  CeibaBRA	
Photo #:61	Description (include direction): General view looking south.
Date: 11-04- 2022	
South Elevation ☉ 16°N (T) LAT: 18.264685 LON: -65.648133 ±35m ▲ 26m  CeibaBRA	
Photo #:62	Description (include direction): General view looking north.
Date: 11-04- 2022	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
Subrecipient: Municipality of Ceiba		
Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

East Elevation ☉ 265°W (T) LAT: 18.264599 LON: -65.648136 ±35m ▲ 26m  CeibaBRA		
Photo #:63	Description (include direction): General view looking west	
Date: 11-04- 2022		
East Elevation ☉ 272°W (T) LAT: 18.264908 LON: -65.648254 ±35m ▲ 26m  CeibaBRA		
Photo #:64	Description (include direction): Facade of the Santiago Iglesias Pantín School. General view looking west	
Date: 11-04- 2022		

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination		 GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
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Project Name: Revitalization of Felisa Rincón de Gautier Public Plaza		Project ID: CRP-00968

North Elevation  181°S (T) LAT: 18.264577 LON: -65.648295 ±35m ▲ 26m Ceiba BRA		Description (include direction): Facade of the Alcaldía. General view looking south.
Photo #:65	Date: 11-04- 2022	
East Elevation  276°W (T) LAT: 18.264562 LON: -65.648184 ±35m ▲ 26m Ceiba BRA		Description (include direction): General view looking west. View of the Adolfo Velez Fereau School
Photo #:66	Date: 11-04- 2022	

267 LAURO PIÑERO AVE.

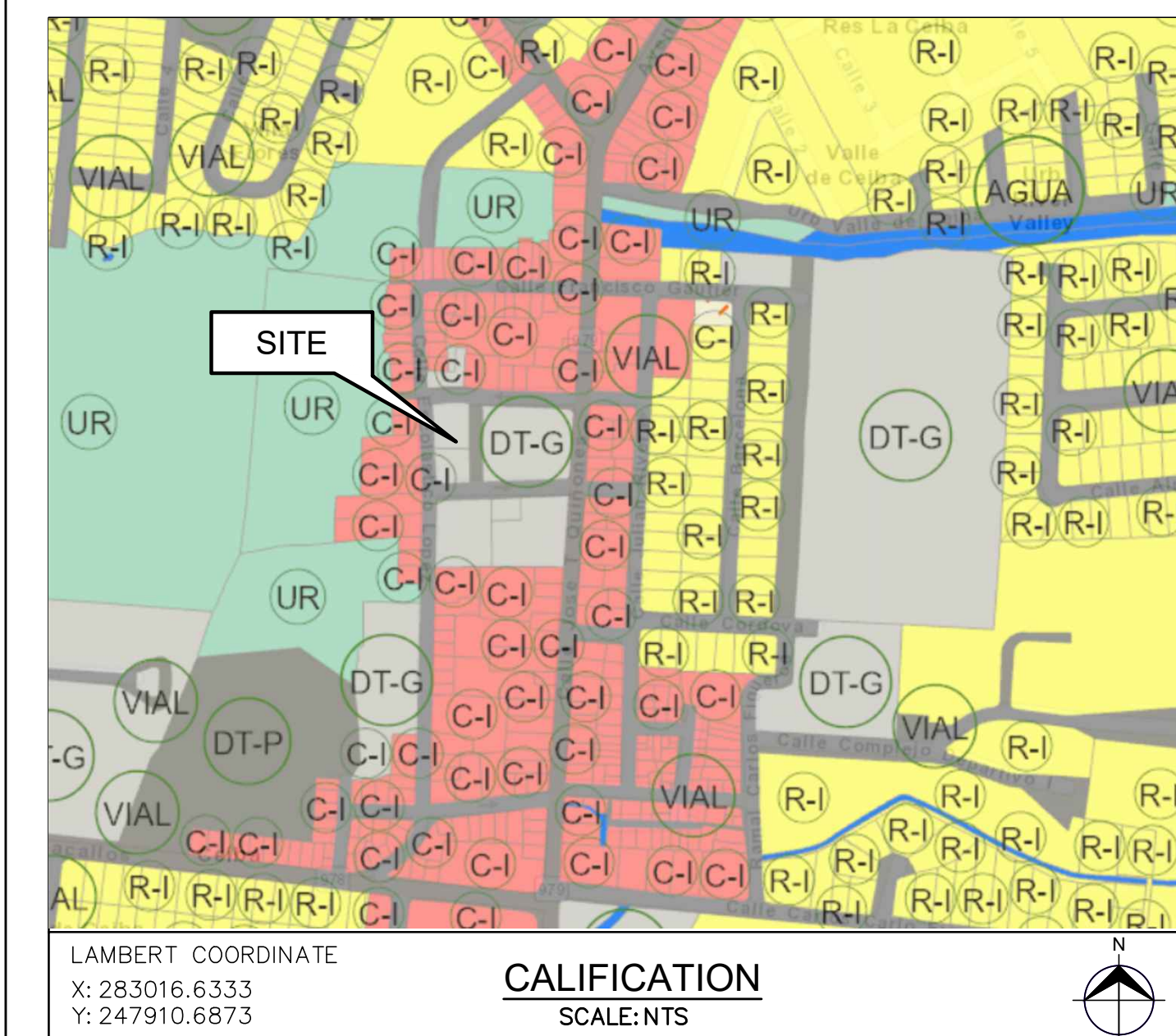
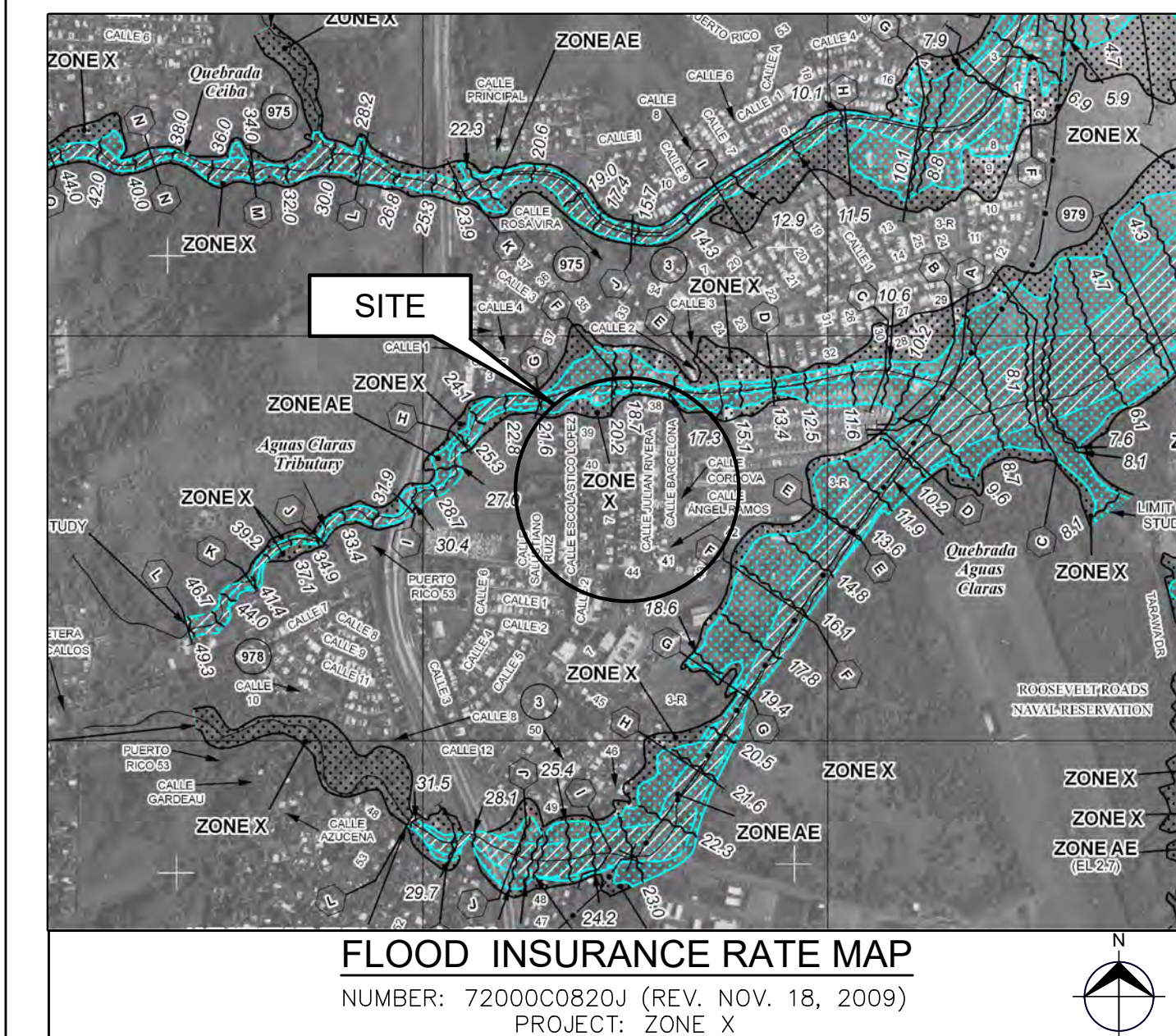
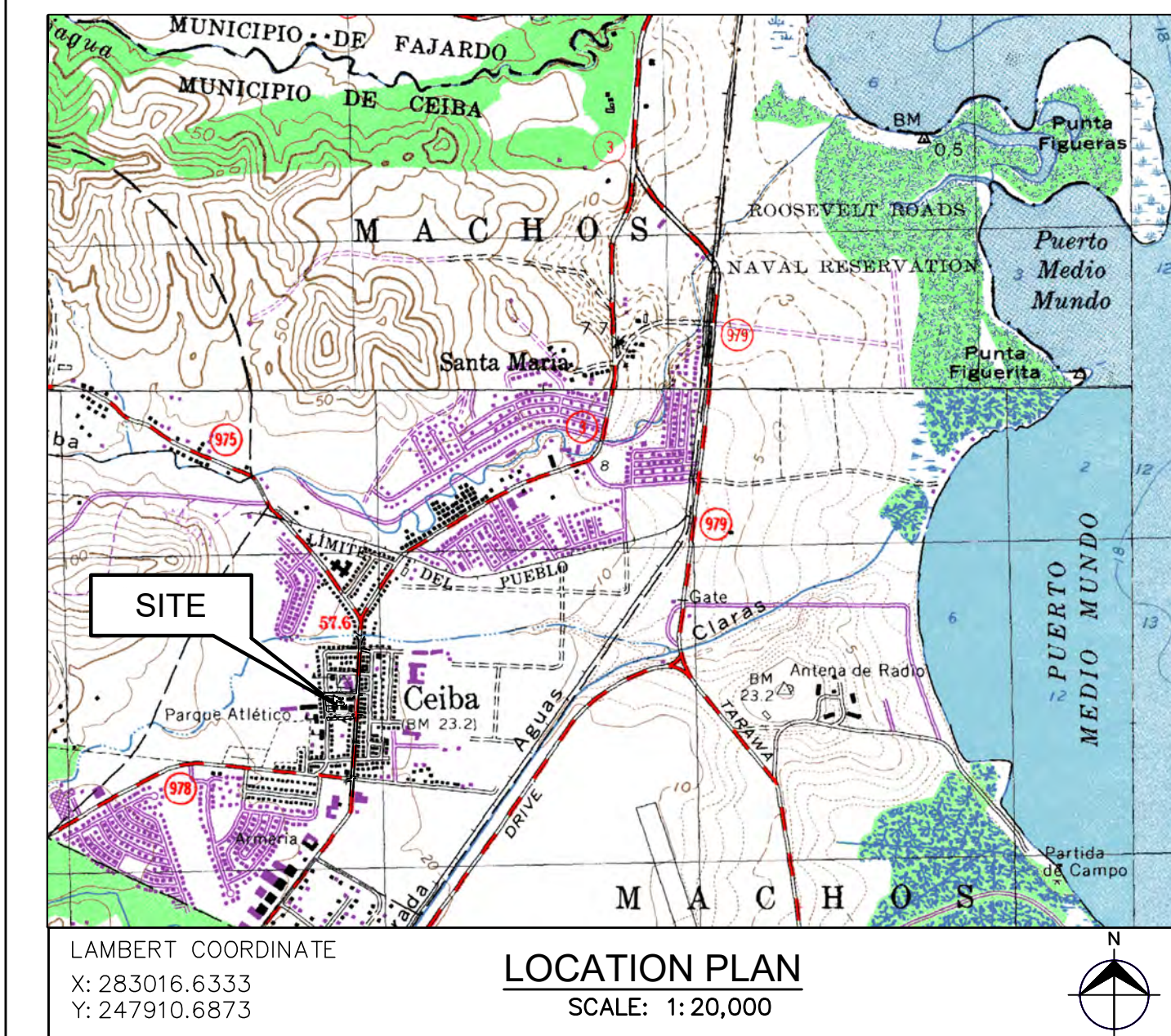
CEIBA, PR 00735

INDEX

SHEET	DESCRIPTION:
GENERAL PLANS	
T000	TITLE SHEET INDEX, LOCATION MAP, FLOOD MAP & CALIFICATION
LANDSCAPE PLANS	
L100	PLANTING LAYOUT
L200	PLANTING DETAILS
CIVIL PLANS	
D100	EXISTING CONDITIONS AND DEMOLITION PLAN
C200	LAYOUT PLAN
C201	TYPICAL SECTIONS
C300	GRADING PLAN
C480	EROSION AND SEDIMENTATION CONTROL PLAN
C490	EROSION AND SEDIMENTATION CONTROL DETAILS
C700	MISCELLANEOUS DETAILS
C490	MISCELLANEOUS DETAILS
C800	TRAFFIC SIGNING AND PAVEMENT MARKING PLAN
C801	TRAFFIC SIGNING AND PAVEMENT MARKING DETAILS
MOT1	MAINTENANCE OF TRAFFIC LEGEND AND NOTES
MOT2	MAINTENANCE OF TRAFFIC TYPICAL APPLICATIONS
MOT3	MAINTENANCE OF TRAFFIC CONSTRUCTION SIGN TABLE
ARCHITECTURAL PLANS	
G003	GENERAL NOTES SYMBOLS AND ABBREVIATIONS
G004	ADA STANDARDS FOR ACCESSIBILITY
ASD100	EXISTING CONDITIONS & SELECTIVE DEMOLITION SITE PLAN
AS100	OVERALL ARCHITECTURAL SITE PLAN – SITE SPOT ELEVATIONS
AS101	OVERALL ARCHITECTURAL SITE PLAN – SITE SPOT ELEVATIONS
AS102	OVERALL ARCHITECTURAL SITE PLAN– TOP VIEW (ROOF PLAN)
AS103	ARCHITECTURAL SITE PLAN – SITE FURNISHINGS
AS104	ARCHITECTURAL SITE PLAN – LIGHTING
AS105	ARCHITECTURAL SITE PLAN – ART INST. GREEN AREA + LANDSCAPE
AS106	ARCHITECTURAL SITE PLAN – TRELLISES, PORTALS, STAGE
AS301	OVERALL SITE ELEVATIONS
AS302	OVERALL SITE SECTIONS
AS401	ENLARGED PLANS STAGE
AS402	ENLARGED SECTIONS & ELEVATIONS STAGE

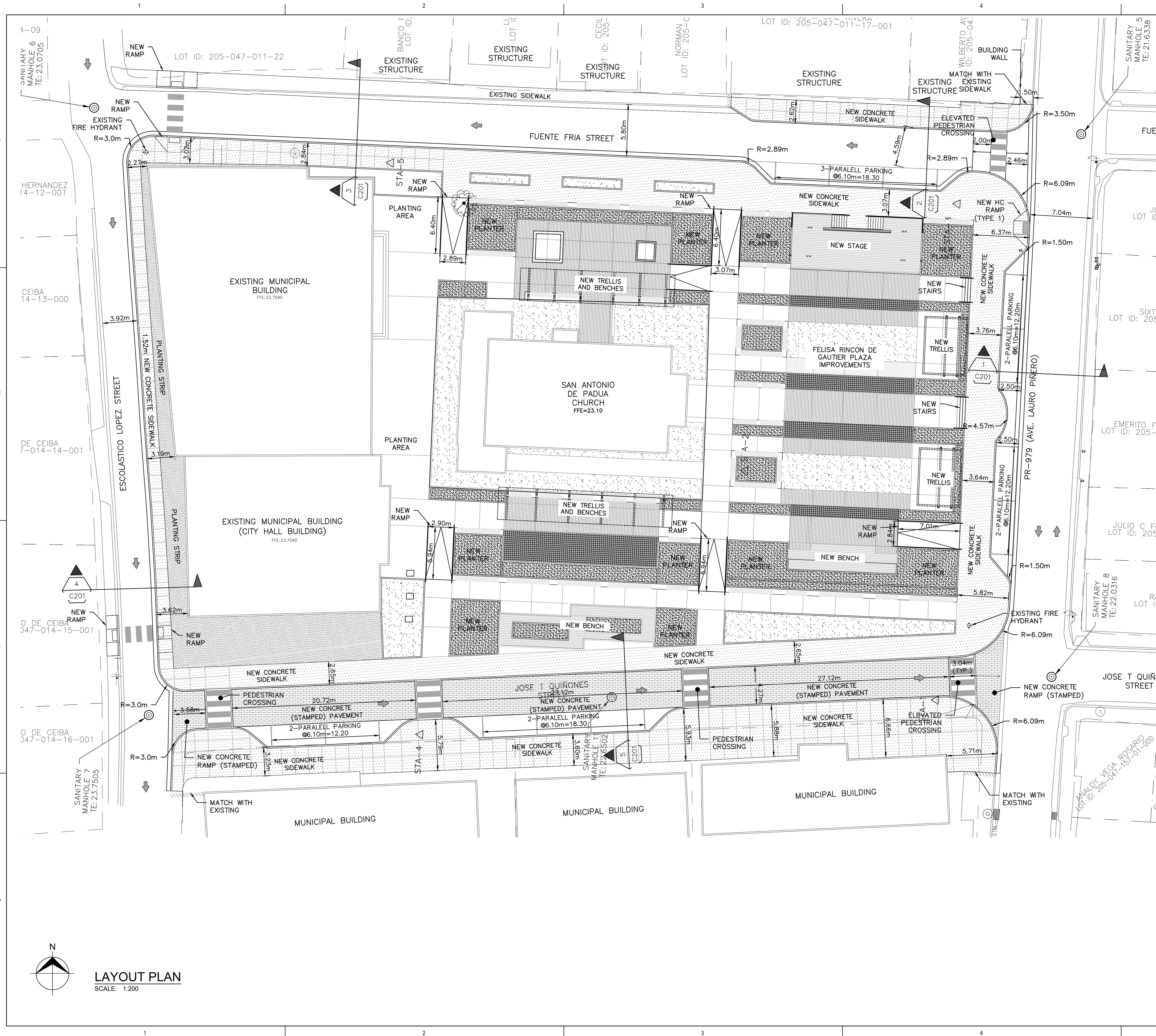
INDEX

SHEET	DESCRIPTION:
ARCHITECTURAL PLANS	
AS403	ENLARGED PLANS TRELLIS
AS404	ENLARGED TRELLIS ELEVATIONS & SECTIONS
AS405	ENLARGED PLAN TRELLIS
AS406	ENLARGED TRELLIS ELEVATIONS & SECTIONS
AS451	ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS
AS501	ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS
AS502	ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS
STRUCTURAL PLANS	
S100	GENERAL STRUCTURAL NOTES AND DETAILS
S101	OVERALL STRUCTURAL SITE PLAN
S102	STRUCTURAL SITE SECTIONS
S103	STRUCTURAL SITE SECTIONS
S104	STRUCTURAL SITE SECTIONS
S201	SHORT TRELLIS FOUNDATION PLAN AND DETAILS
S202	SHORT TRELLIS STRUCTURAL PLANS, SECTIONS AND DETAILS
S211	LONG TRELLIS FOUNDATION PLAN AND DETAILS
S212	LONG TRELLIS FOUNDATION PLAN AND DETAILS
S221	STAGE STRUCTURE FOUNDATION PLAN AND DETAILS
S222	STAGE STRUCTURAL PLAN AND CONNECTION DETAILS
S223	STAGE STRUCTURAL SECTIONS
ELECTRICAL PLANS	
E100	EXISTING ELECTRICAL PLAN
E200	PROPOSED ELECTRICAL PLAN



T000

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LEGEND:

- NEW CONCRETE PAVEMENT (SEE DETAIL ON DWG. C700)
- NEW SIDEWALK (SEE DETAIL ON DWG. C700)
- NEW PLANTING AREAS (SEE NOTES 2 AND 3)
- NEW STAMPED PAVEMENT SURFACE (REFER TO ARCH. PLANS FOR PATTERN)
- NODE ID (SEE TABLE OF COORDINATES ON THIS PLAN)
- TRAFFIC DIRECTION
- TYPICAL SECTIONS (SEE SECTIONS ON DWG. C201)

NOTES:

- ALL DIMENSIONS AND ELEVATIONS ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECTURAL PLANS FOR NEW FLOOR TREATMENTS, PLAZA STRUCTURES AND URBAN MOBILIARY DETAILS.
- REFER TO LANDSCAPE PLANS FOR NEW TREES AND PLANTERS DETAILS.
- REFER TO ELECTRICAL PLANS FOR NEW POSTS AND BOLLARDS.
- REFER TO STRUCTURAL PLANS FOR RETAINING WALL, STAIRS AND STRUCTURES DETAILS.
- NEW HANDICAP RAMPS IN COMPLIANCE WITH ADA REGULATIONS AS PRHTA STANDARD DRAWINGS (ADA SERIES). SEE DETAILS ON DWG. C701.
- REFER TO DWG. C702 FOR TRAFFIC SIGNS AND PAVEMENT MARKING DETAILS.

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OWNER

CONSULTANT

CONSULTANT

SEAL

PROJECT INFORMATION

CEIBA

PUERTO RICO

NO.

DESCRIPTION

DATE

1

30% CD

10/11/22

2

60% CD

01/31/23

3

90% CD

03/29/23

DATE ISSUED:

08/05/22

REVIEWED BY:

LMR

DRAWN BY:

AMC

DESIGNED BY:

LMR

BRA PROJECT NUMBER:

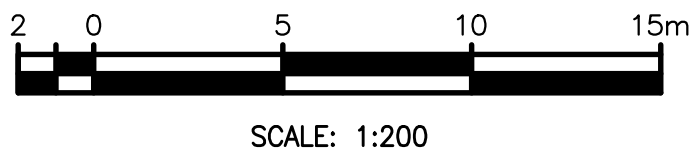
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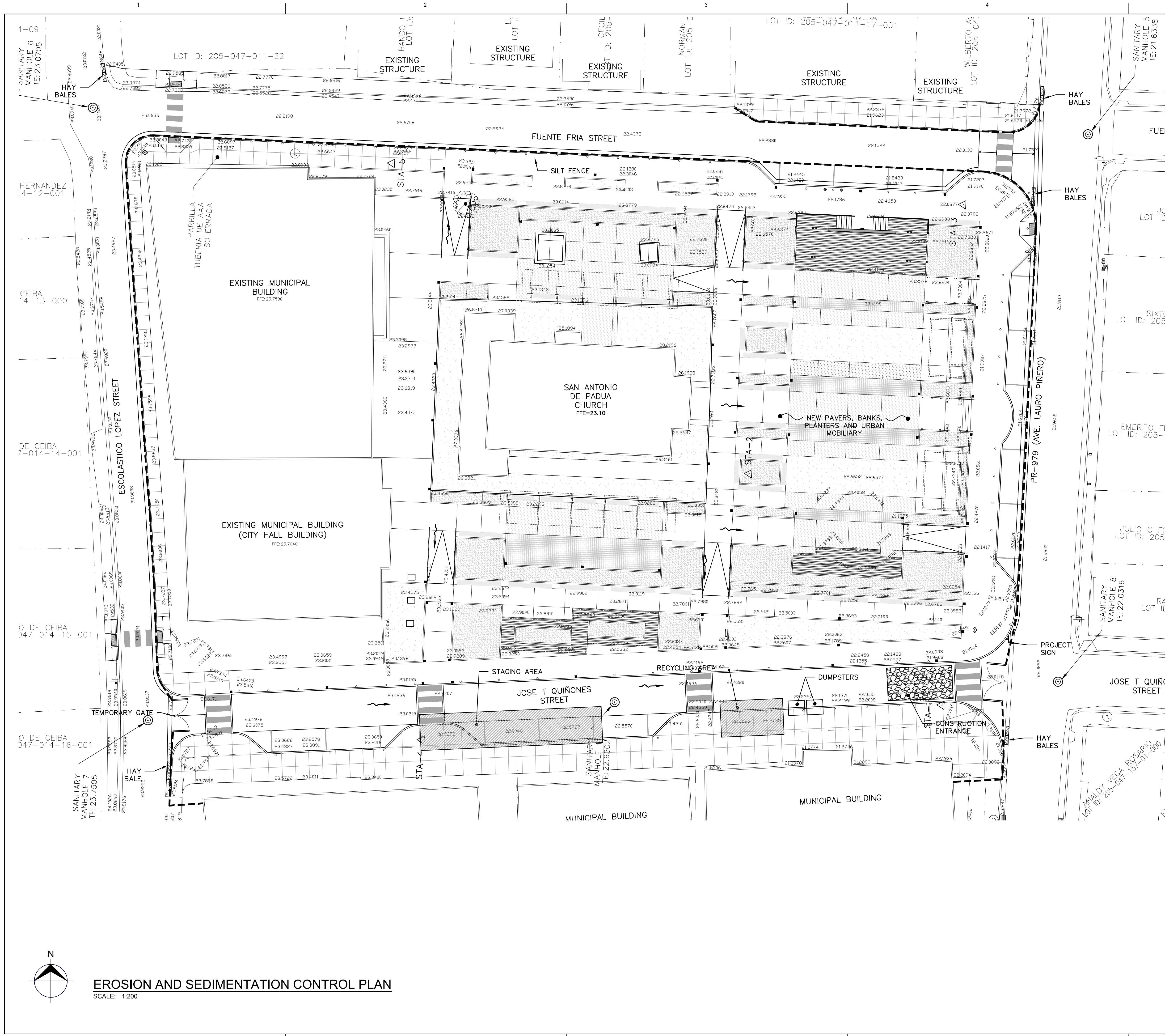
SHEET TITLE

LAYOUT PLAN

SHEET ID

C200





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SEAL

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA	PUERTO RICO
NO.	DESCRIPTION
1	30% CD
2	60% CD
3	90% CD

DATE ISSUED:

08/05/22

REVIEWED BY:

LMR

DRAWN BY:

AMC

DESIGNED BY:

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BRA PROJECT NUMBER:

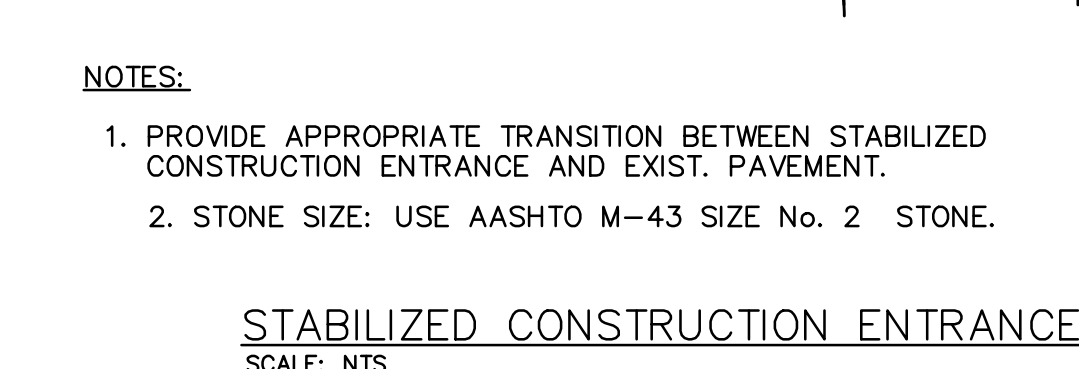
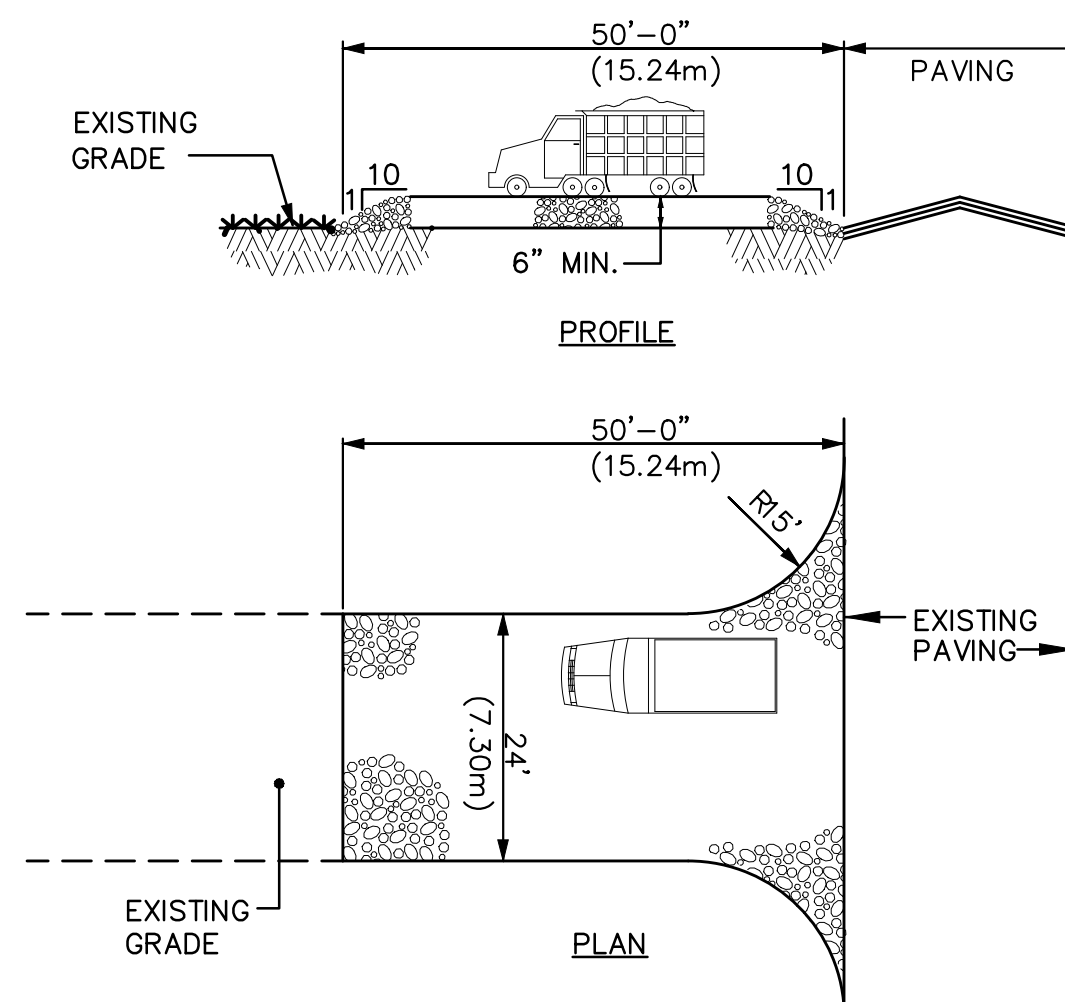
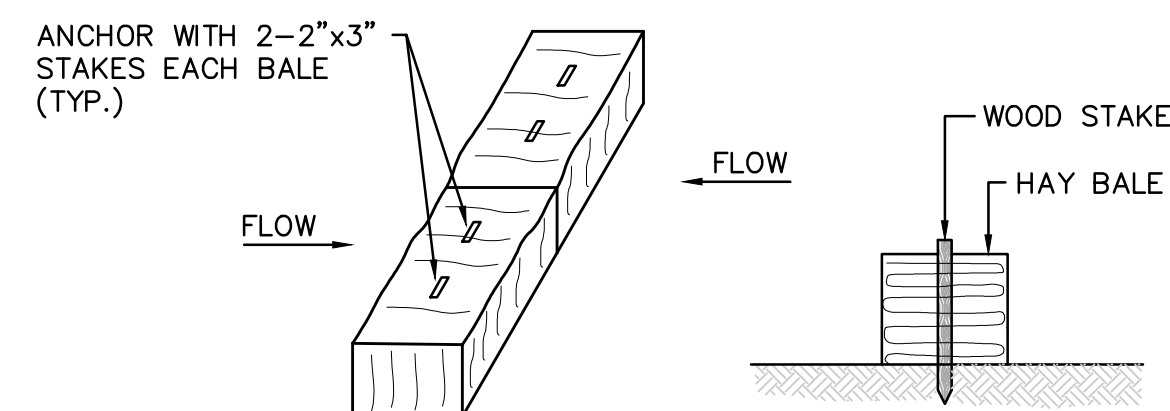
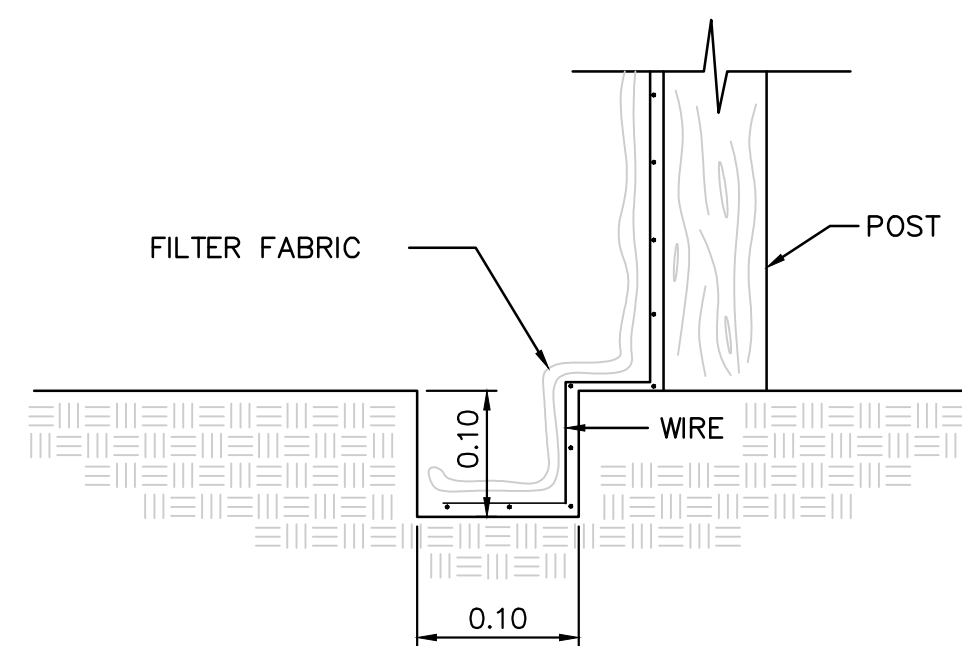
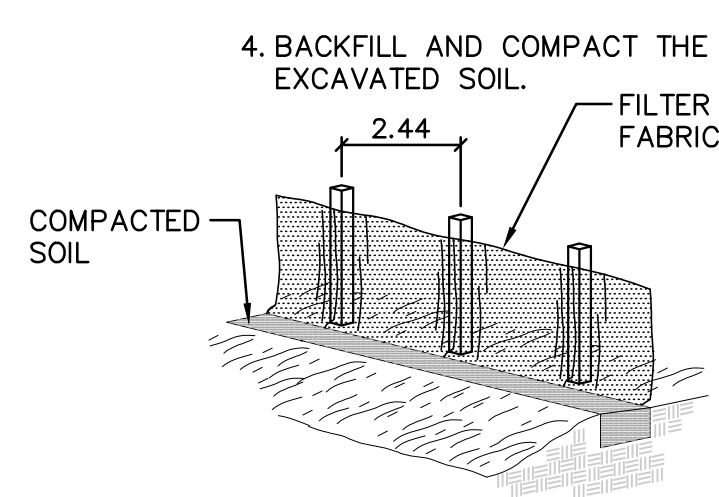
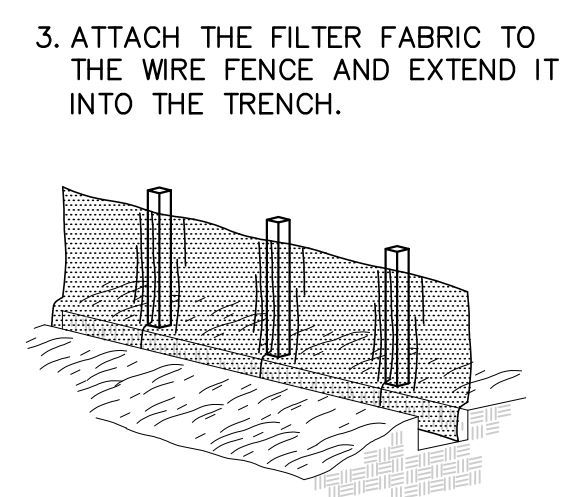
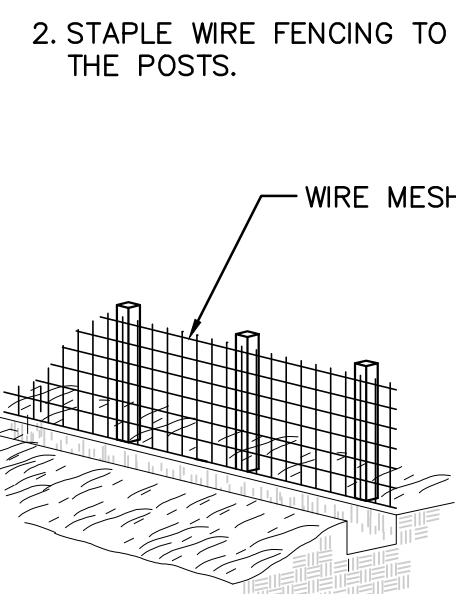
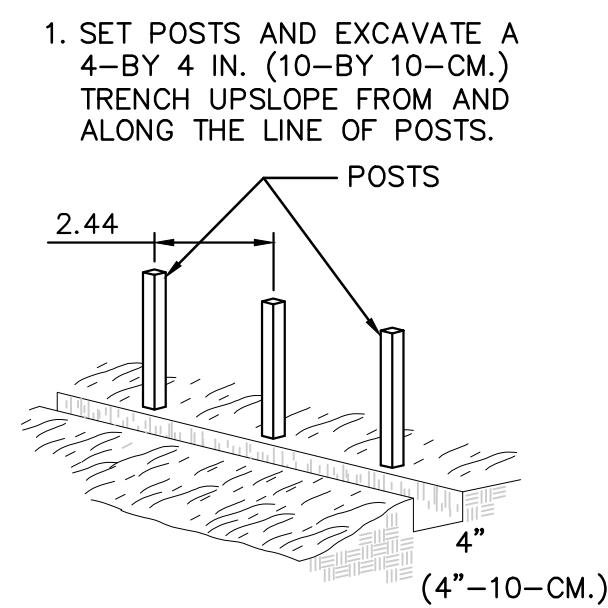
22010

SHEET TITLE

EROSION AND SEDIMENTATION CONTROL PLAN

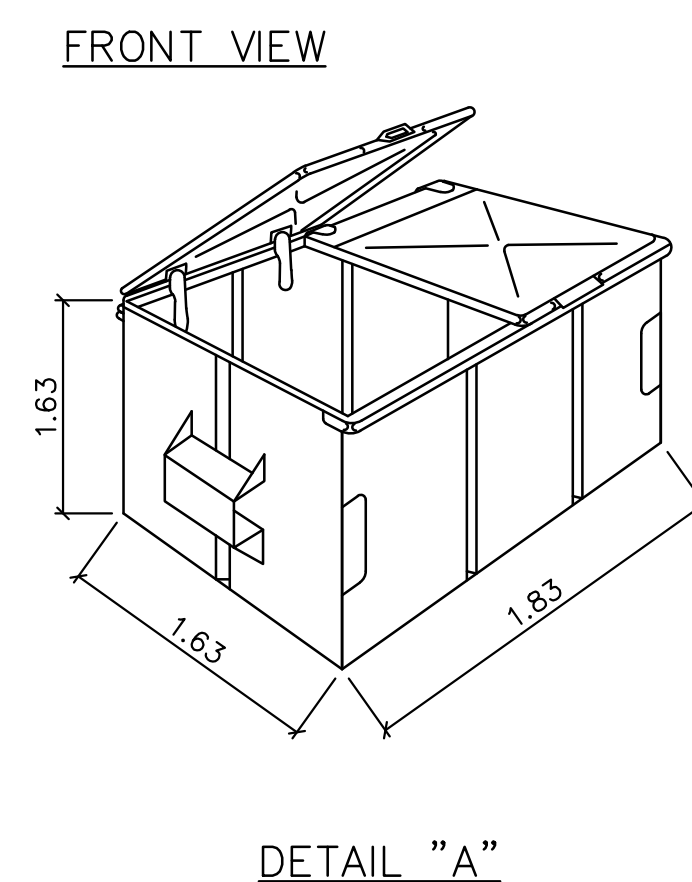
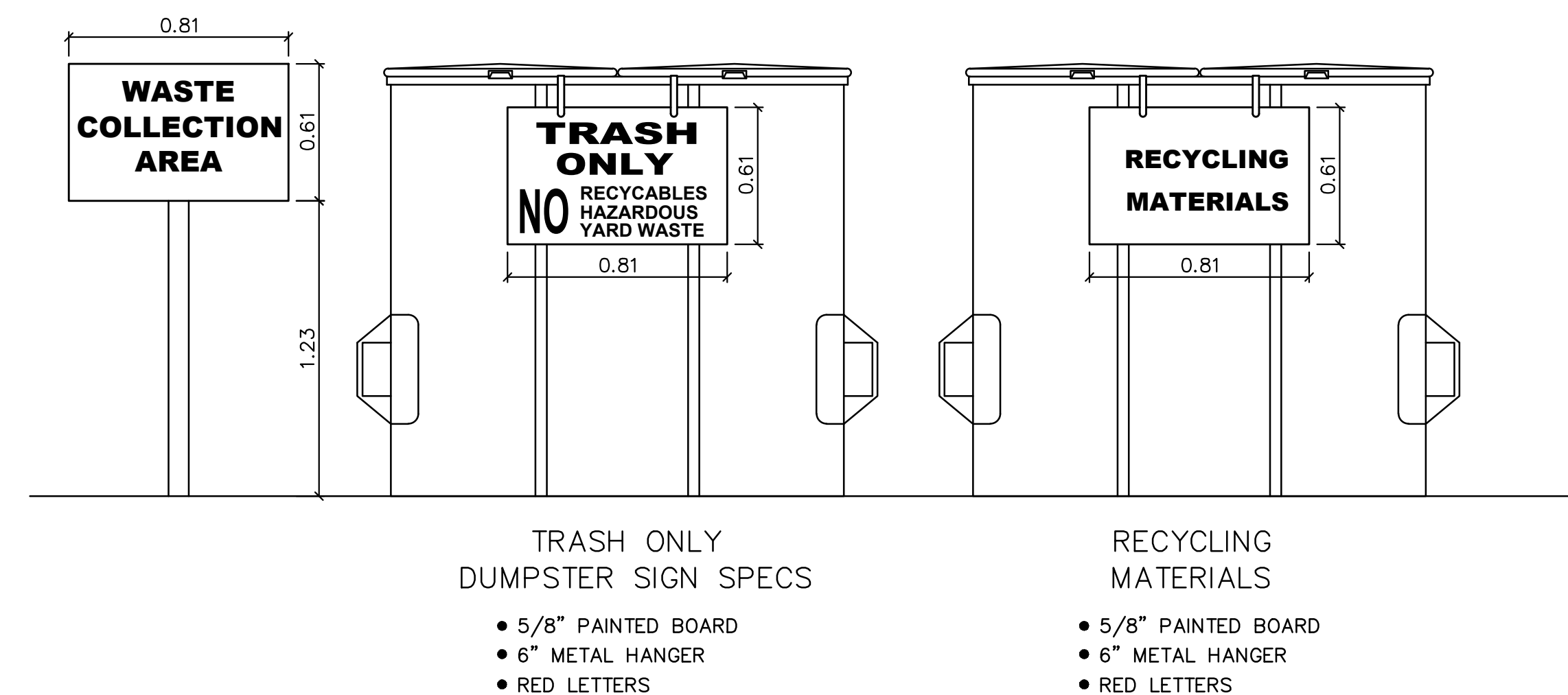
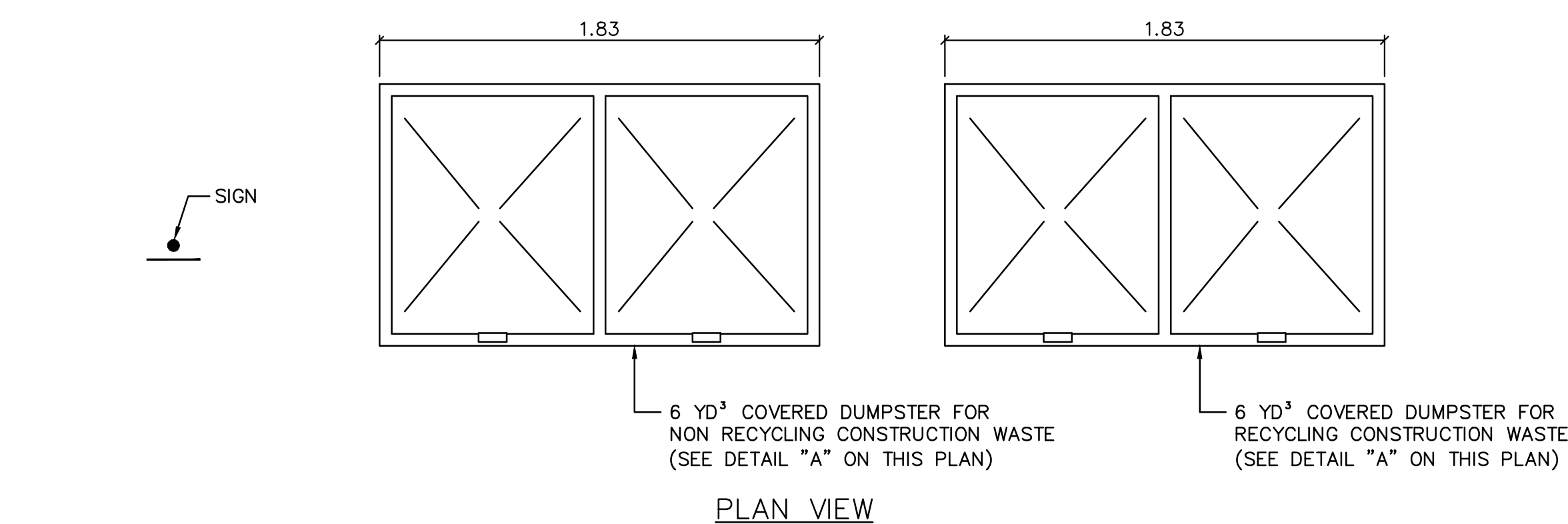
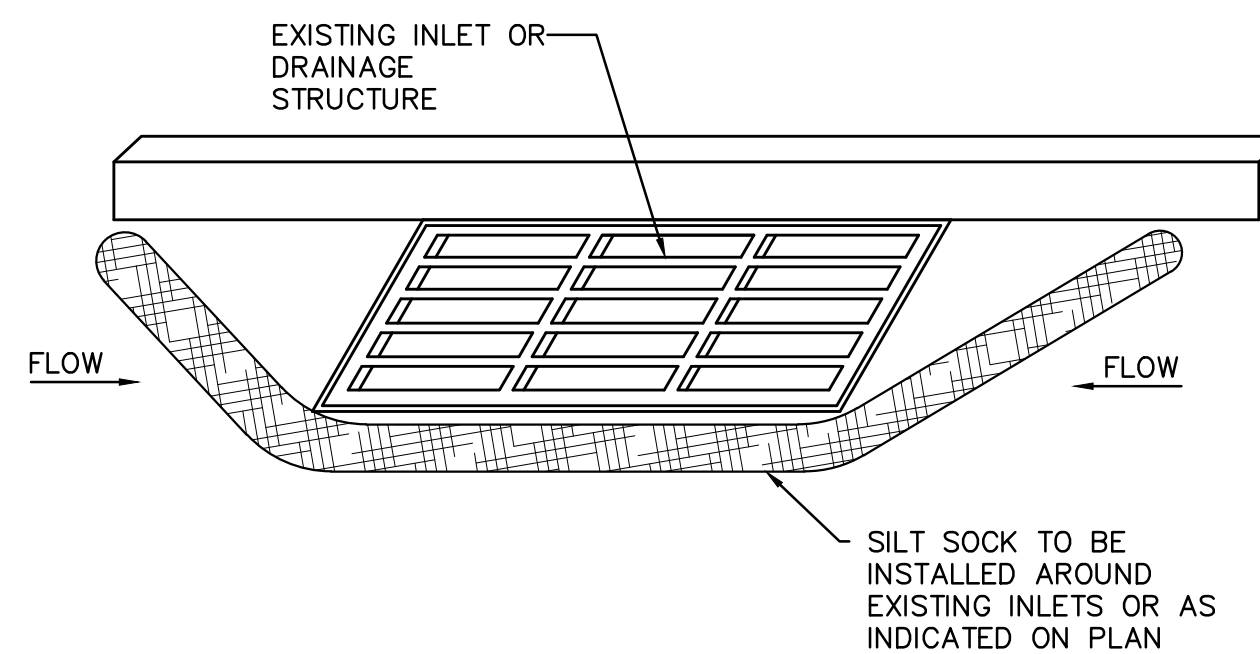
SHEET ID

C480



NOTES:

1. PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND EXIST. PAVEMENT.
2. STONE SIZE: USE AASHTO M-43 SIZE No. 2 STONE.



- CES PLAN NOTES

1. THE CONTRACTOR SHALL PROTECT ALL CATCH BASINS, SWALES AND CHANNELS NEAR THE PROJECT AREA THAT COULD BE POTENTIALLY IMPACTED, PRIOR TO START ANY EXCAVATION. ALL MEASURES CAN BE REMOVED WHEN THE LOCAL CONSTRUCTION BE COMPLETED.
2. CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES IN THE PROJECT AREAS THAT COULD BE POTENTIALLY IMPACTED PRIOR TO START ANY CONSTRUCTION ACTIVITIES IN THAT AREA. THE CONTRACTOR COULD REMOVE THE CONTROL MEASURES WHEN THE AREA IS FULLY STABILIZED AS DETERMINED BY THE CES PLAN INSPECTOR.
3. CONTRACTOR SHALL INSPECT SEDIMENT BARRIERS AFTER EACH RAIN EVENT.REPAIRS SHALL BE DONE AS SOON AS POSSIBLE.SEDIMENT SHALL BE REMOVED FROM THE BARRIERS WHEN THEY REACH HALF THE HEIGHT OF THE BARRIER.
4. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE STABILIZED CONSTRUCTION ENTRANCE AS DETAILED ON THIS PLAN.
5. THE CONTRACTOR SHALL MAINTAIN A WATER TANK TRUCK TO SPRAY IT AROUND THE WORKING AREAS WHEN NEEDED OR WHEN THE PROJECT INSPECTOR REQUIRES IT. A WATER HOSE WILL BE INSTALLED NEAR STABILIZED CONSTRUCTION ENTRANCE TO WASH THE CONSTRUCTION VEHICLES WHEELS.
6. THE CONTRACTOR SHALL STRICTLY FOLLOW THE GUIDELINES STATED AT THE CES PLAN APPROVED BY THE ENVIRONMENTAL QUALITY BOARD.
7. THE CONTRACTOR SHALL DISPOSE ALL WASTE MATERIALS AT AN APPROVED LANDFILL.
8. THE CONTRACTOR SHALL RESTORE PAVED AREAS AND RE-SEED GRASS AREAS AS SOON AS POSSIBLE OR AS INSTRUCTED BY THE PROJECT INSPECTOR.
9. ANY MODIFICATION PROPOSAL TO THE CES PLAN SHALL BE CONSULTED WITH THE DESIGNER IN ORDER TO AMEND THE APPROVED PLAN.
10. A SIGN SHALL BE INSTALLED AT EACH PROJECT ENTRANCE AS PER CONSOLIDATED GENERAL PERMIT CONDITION NUMBER 2.
11. CONTRACTOR CAN CHOOSE TO INSTALL DIFFERENT METHODS TO ACHIEVE THE REQUIRED PERFORMANCE.



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[illegible]

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
1	30% CD	10/11/22
2	60% CD	01/31/23
3	90% CD	03/29/23

DATE ISSUED:	08/05/22
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REVIEWED BY:	LMR
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DRAWN BY: AMC

DESIGNED BY:	LMR
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BRA PROJECT NUMBER:	22010
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SHEET TITLE

EROSION AND SEDIMENTATION CONTROL DETAILS

SHEET ID

C490



NOTE:

1. WHERE SIDEWALK ABUTS EXISTING OR PROPOSED FIXED OBJECTS (CURBS, CURB AND GUTTERS, CONCRETE PAVING, MANHOLES, OR BUILDINGS), INSTALL 12.7MM EXPANSION JOINT FILLER AND JOINT SEALANT.

CONCRETE SIDEWALK DETAIL

SCALE: NTS



NOTE:

1. WHERE PROPOSED SIDEWALK ABUTS EXISTING SIDEWALKS INSTALL A 1/4" CONSTRUCTION JOINT WITH FILLER AND JOINT SEALANT.

CONSTRUCTION JOINT TYPICAL DETAILS

NOT TO SCALE



SCALE: NTS



SCALE: NTS



EXPANSION JOINT DETAIL

SCALE: NTS



CONCRETE PAVEMENT JOINT DETAIL

SCALE: 1:10



CONCRETE PAVEMENT JOINT DETAIL

SCALE: 1:10



SCALE: NTS



SCALE: NTS



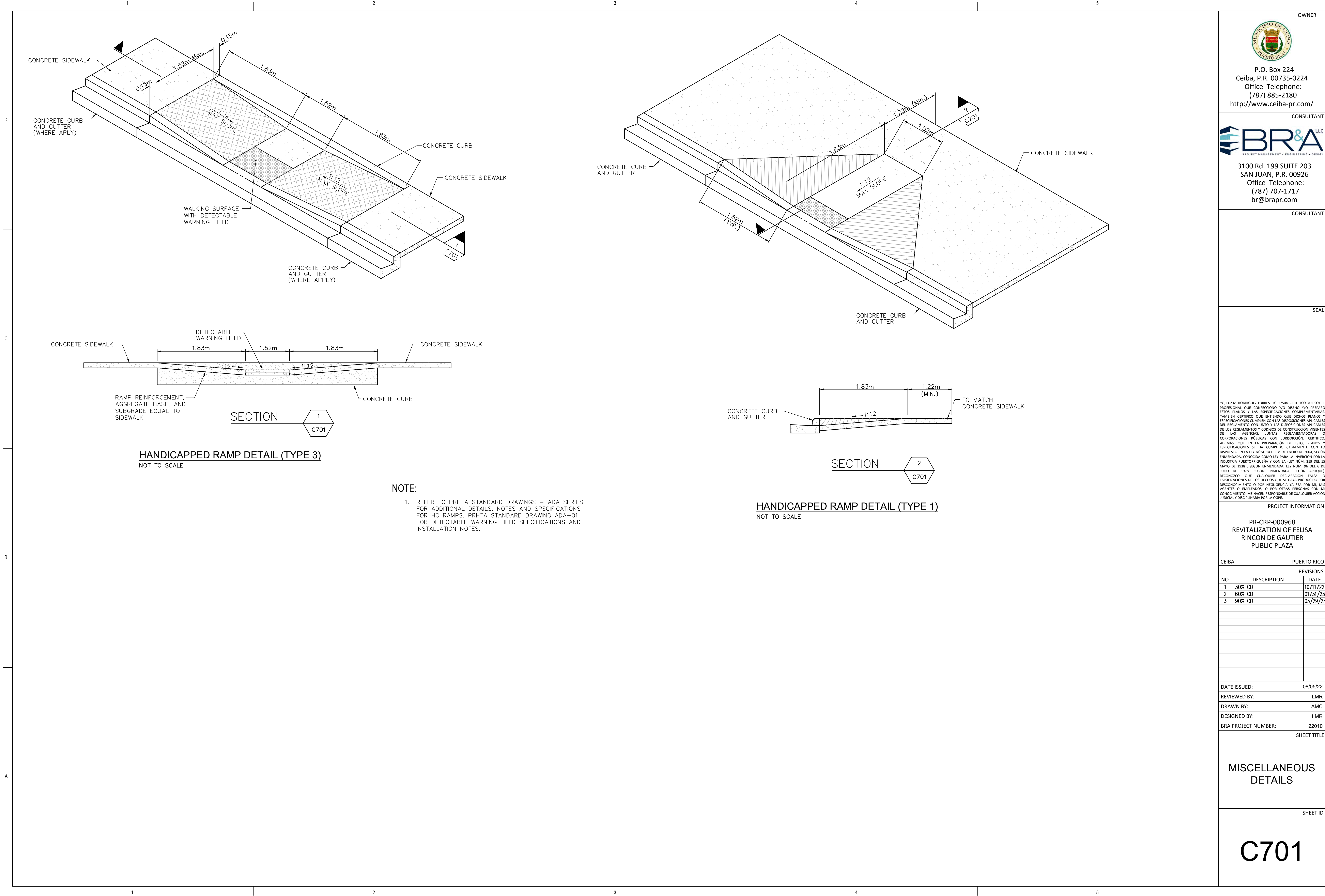
1. CONTROL JOINTS AT 1.50 ON CENTER.

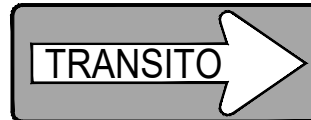
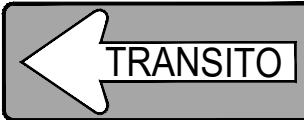
CONCRETE GUTTER DETAILS

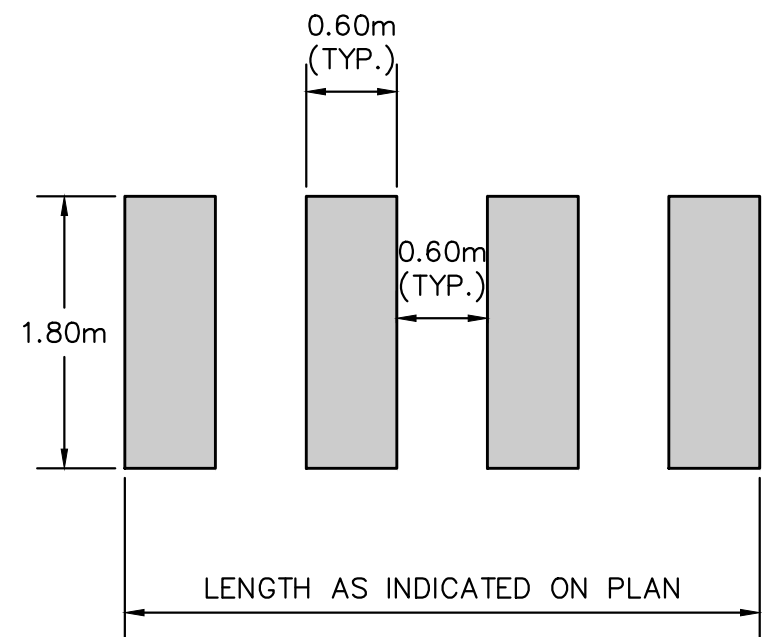
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SEAL		CONSULTANT												
YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE SOY EL PROFESIONAL, QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTENDIENDO QUE DICHS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCION. CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 34 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 319 DEL 15 DE MAYO DE 1938 - SEGÚN ENMIENDA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDA; SEGÚN APLIQUE EL RECONOCIMIENTO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS RHECHOS QUE SE HAYA PRODUCIDO POR DISCONFORMISMO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONCORDANCIA, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA CAUSE.														
PROJECT INFORMATION PR-CRP-000968 REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA														
CEIBA	PUERTO RICO													
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>30% CD</td> <td>10/11/22</td> </tr> <tr> <td>2</td> <td>60% CD</td> <td>01/31/23</td> </tr> <tr> <td>3</td> <td>90% CD</td> <td>03/29/23</td> </tr> </tbody> </table>			NO.	DESCRIPTION	DATE	1	30% CD	10/11/22	2	60% CD	01/31/23	3	90% CD	03/29/23
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DESIGNED BY:		LMR												
BRA PROJECT NUMBER:		22010												
SHEET TITLE														
MISCELLANEOUS DETAILS														
SHEET														

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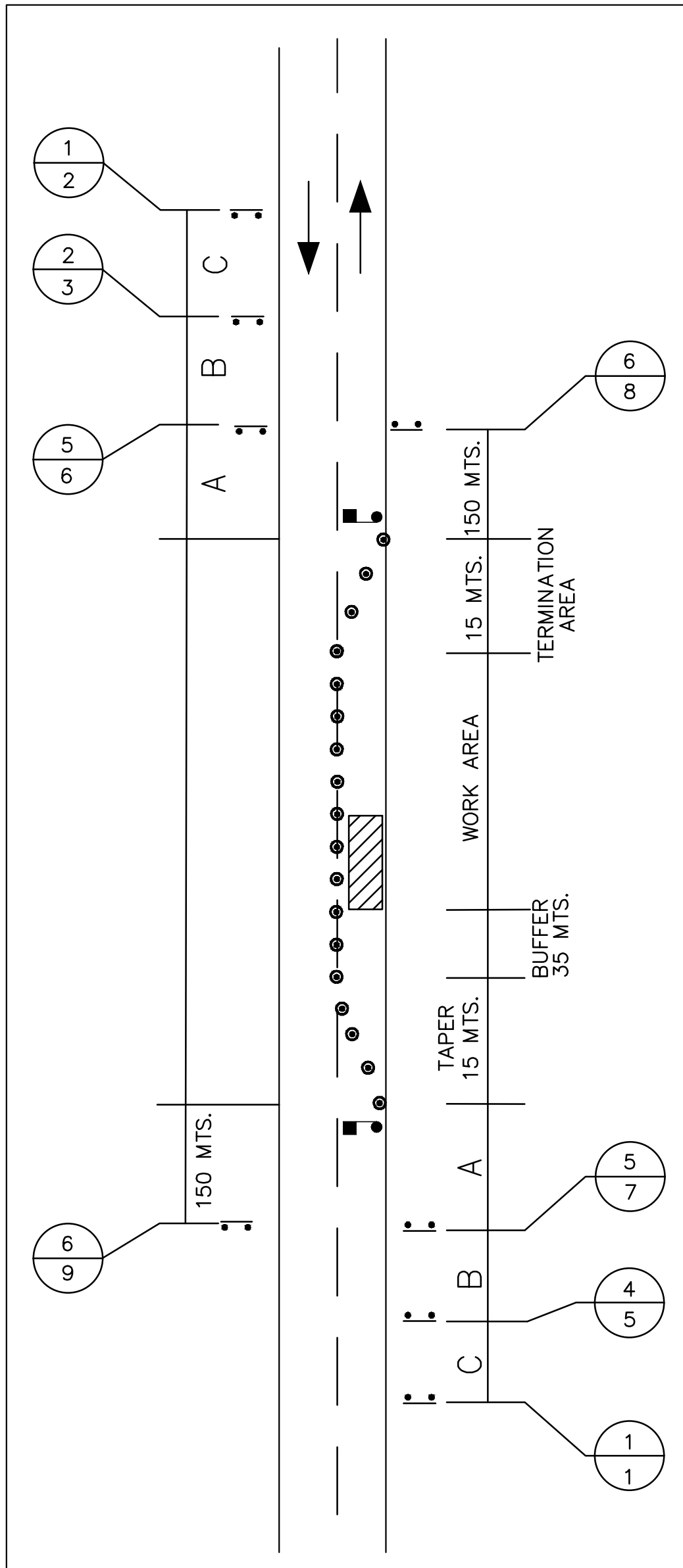
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1		W11-2 W16-7P		36" X 36" 24" X 12"	N/A	M.U.T.C.D. 2009	4
2		R1-1		30" X 30"	N/A	SEE D.T.P.W. MANUAL	2
3		R6-1R		30" X 12"	N/A	SEE D.T.P.W. MANUAL	
4		M1-6		30" X 12"	N/A	SEE D.T.P.W. MANUAL	



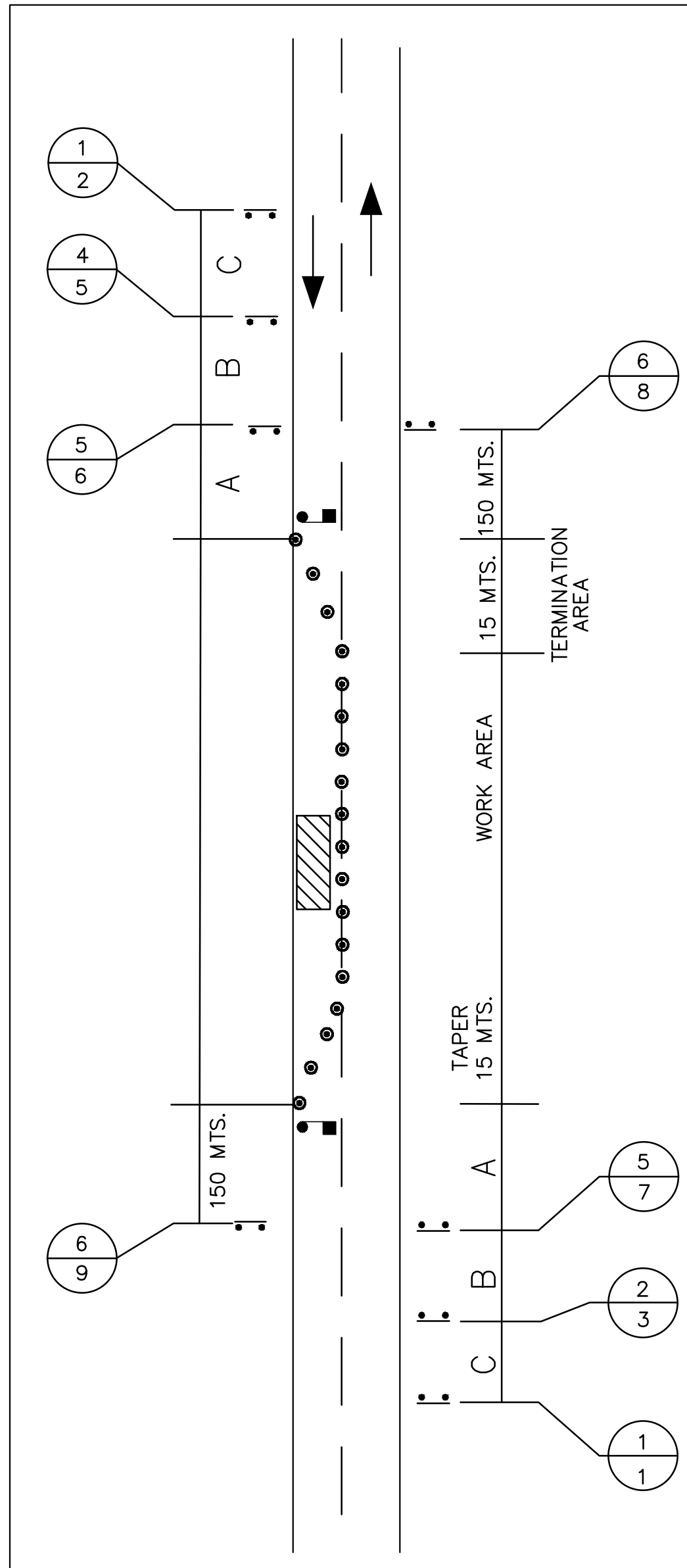
PEDESTRIAN CROSSING DETAIL

SCALE: NTS

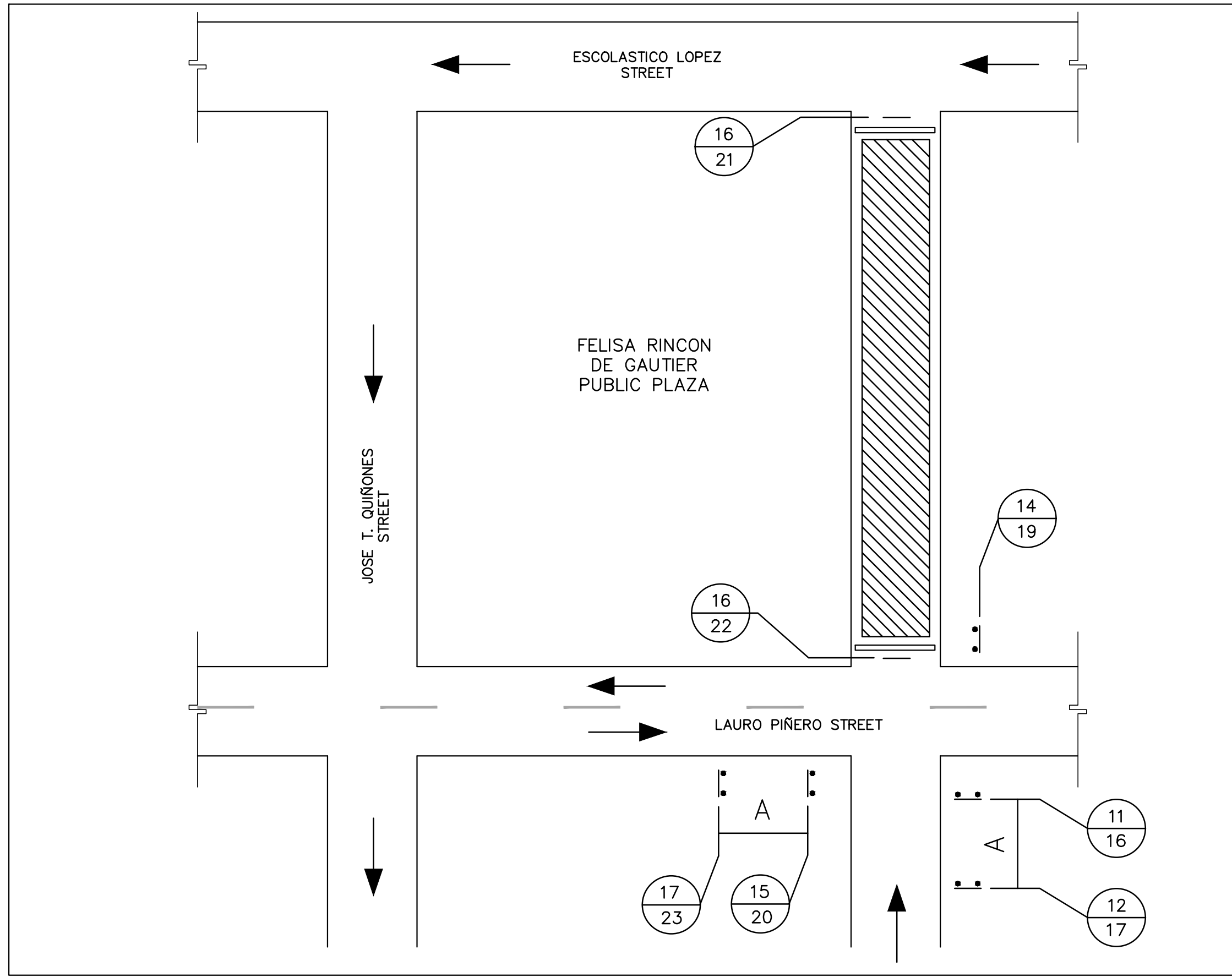
TYPICAL APPLICATION I
RIGHT LANE CLOSURE



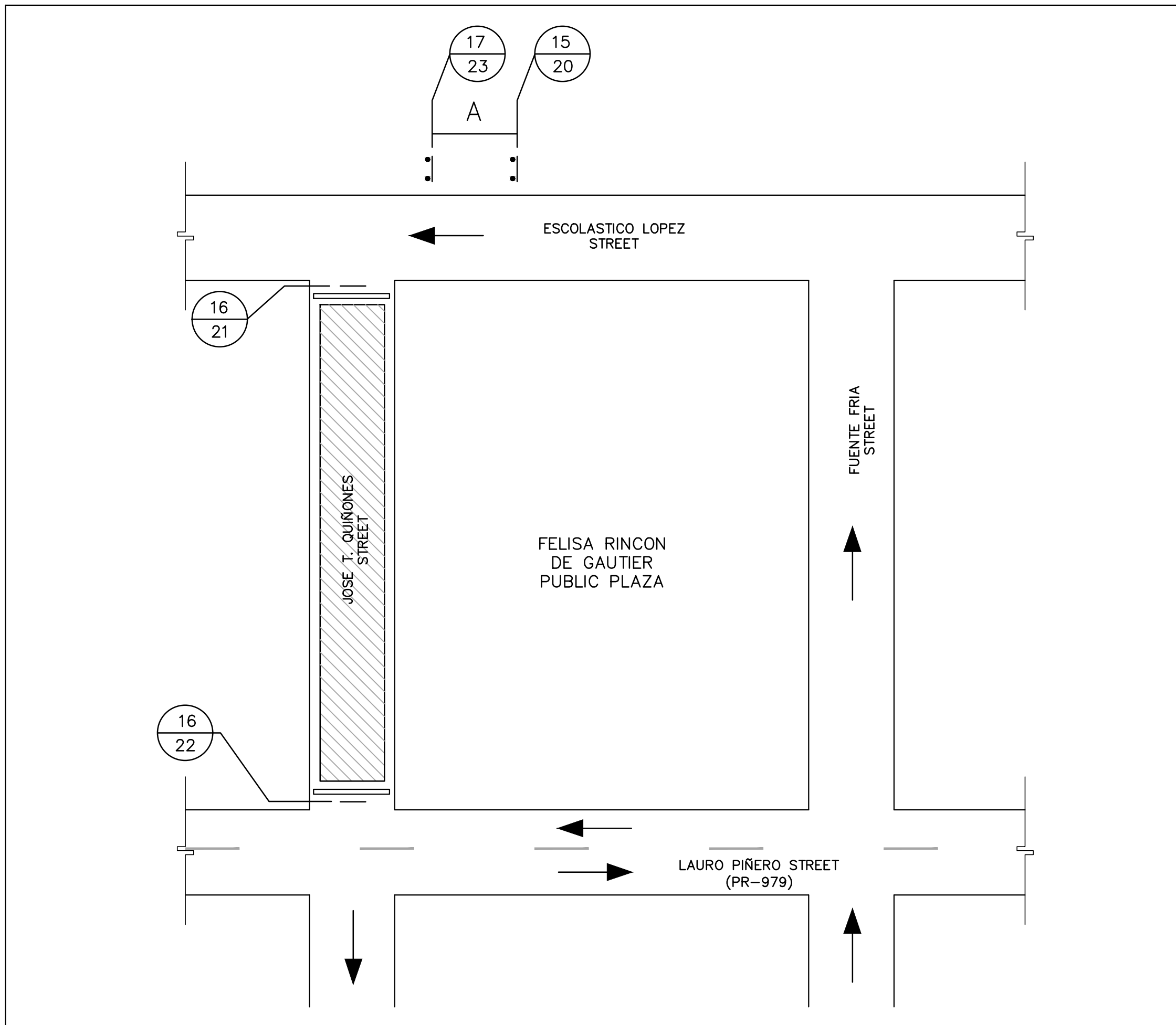
TYPICAL APPLICATION II
LEFT LANE CLOSURE



TYPICAL APPLICATION III
LANE CLOSURE



TYPICAL APPLICATION IV
LANE CLOSURE

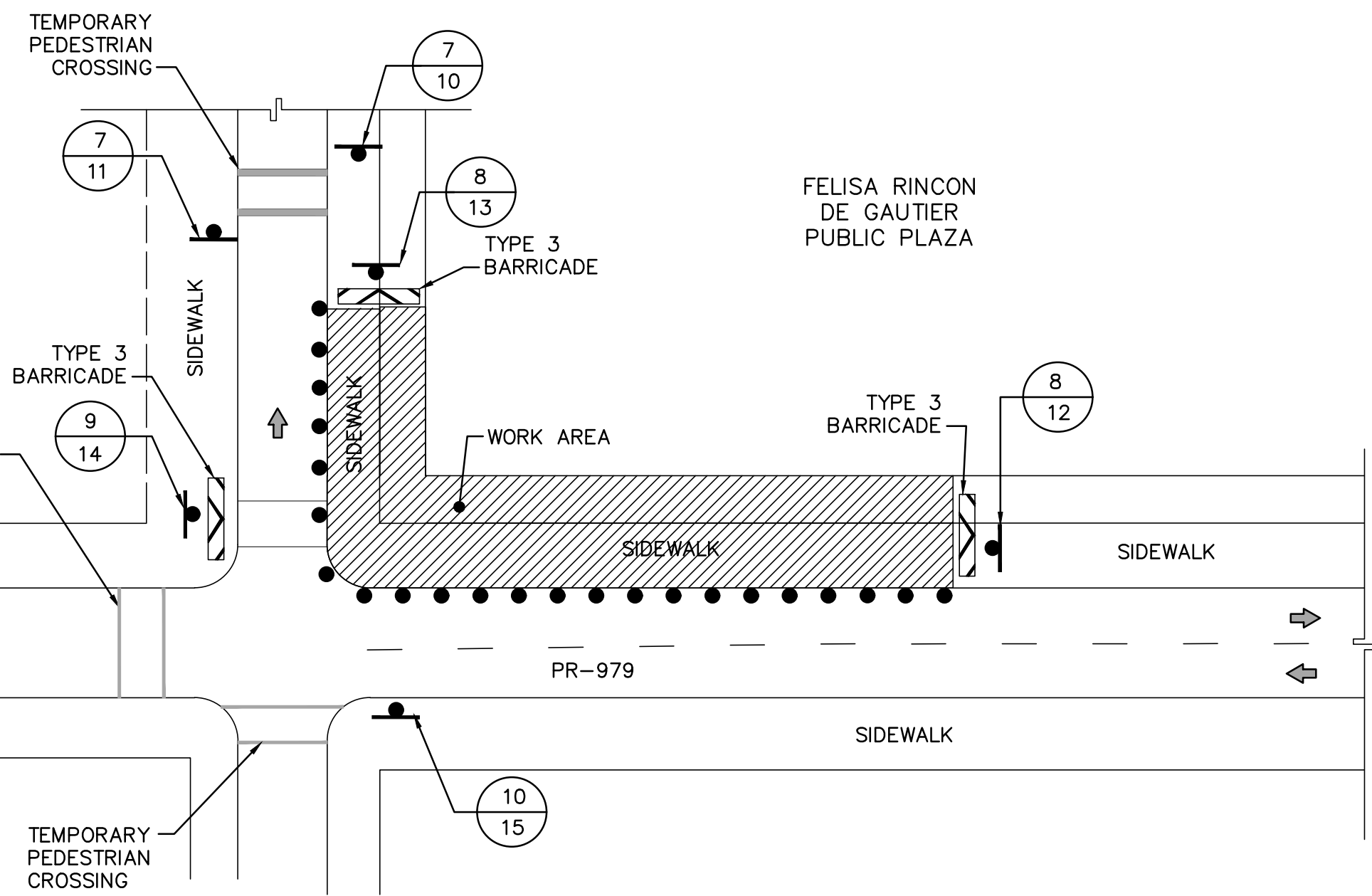


LEGEND:

- TRAFFIC SIGN LOCATION
- CODE NUMBER
- LOCATION NUMBER
- PLASTIC DRUMS
- AREA UNDER CONSTRUCTION
- TRAFFIC DIRECTION
- FLAGGER
- TYPE 3 BARRICADE

NOTES:

- FOR MAINTENANCE OF TRAFFIC NOTES & LEGEND REFER TO MOT-1.
- MAINTENANCE OF TRAFFIC APPLICATIONS SHALL COMPLY WITH MUTCD 2009 MANUAL.
- TEMPORARY CONCRETE BARRIERS INSTALLATION DETAILS, REFER TO PRHTA STD. DWGS. MTP SERIES.
- REFER TO DWG. MOT-3 FOR CONSTRUCTION SIGNS TABLE.
- TYPICAL APPLICATIONS I & II TO BE IMPLEMENTED DURING THE ELECTRICAL LINE INSTALLATION ON DIAZ WAY STREET.



CROSSWALK CLOSURES AND
PEDESTRIAN DETOUR (TYP.)



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PROJECT INFORMATION

PR-CRP-000968
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SHEET TITLE

MAINTENANCE OF
TRAFFIC TYPICAL
APPLICATIONS

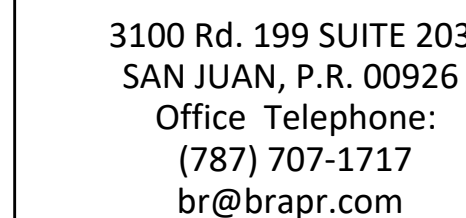
SHEET ID

MOT2

CONSTRUCTION SIGNS (CONT.):

CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
14	19	R3-1		24" X 24"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1
15	20	R3-2		24" X 24"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1
16	21,22	R11-2		48" X 30"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	2
17	23	M4-9		42" X 14"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	—

1. FOR MAINTENANCE OF TRAFFIC NOTES & LEGEND REFER TO DWG. MOT/
2. MAINTENANCE OF TRAFFIC APPLICATIONS SHALL COMPLY WITH MUTCD 2009 MANUAL.

[illegible]

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
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SHEET TITLE

MAINTENANCE OF TRAFFIC TRAFFIC SIGN TABLES

SHEET ID

MOT3

ARCHITECTURAL ABBREVIATIONS			
& Ø Ø	AND	MATL.	MATERIAL
	DIAMETER	MAX	MAXIMUM
		MECH	MECHANICAL
		MEP	MECHANICAL, ELECTRICAL & PLUMBING
	A.B.	MFR.	MANUFACTURER
	AC	MIN	MINIMUM
	ACT	MISC.	MISCELLANEOUS
	ADJ	M.O.	MASONRY OPENING
	AFF	MOD	MODIFIED
	A.F.S.	MTL	METAL
D	AHU	MWP	METAL WALL PANEL
	ALUM		
	ANOD.		
	ANSI	NO.	NUMBER
	APPROX.	N/A	NOT APPLICABLE
	ARCH	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
	AVG	N.I.C.	NOT IN CONTRACT
	A.W.I.	N.T.S.	NOT TO SCALE
C	B.H.M.I.	O.C.	ON CENTER
	BIM.	O.D.	OUTSIDE DIAMETER
	BLDG.	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
	BM	OPG	OPENING
	B.O.	OPP.	OPPOSITE
	B.U.R.	OSHA	OCCUPATIONAL SAFETY AND HEALTH ACT
	B.O.S.	OVHD	OVERHEAD
B	©	PDU	POWER DISTRIBUTION UNIT
	©O.T.S.	P.LAM.	PLASTIC LAMINATE
	C.J.	PLYWD.	PLYWOOD
	CLG.	PNL	PANEL
	CLR.	PAIR	PAIR
	CLO.	PRE-FAB	PRE-FABRICATED
	CMU	PSF	POUNDS PER SQUARE FOOT
	COL.	PSI	POUNDS PER SQUARE INCH
	COLS.	PT	PAINT, PRESSURE TREATED
	CONC.	PVC	POLYVINYL CHLORIDE
A	CONT.	Q.T.	QUARRY TILE
	D.S.	R	RADIUS
	DIA.	R.A.F.	RAISED ACCESS FLOOR
	DR.	R.A.G.	RETURN AIR GRILLE
	DRG. OR DET.	RB	RUBBER BASE
	DWG.	RECEP.	RECEPTION, RECEPTIONIST
		REF	REFRIGERATOR, REFER, REFERENCE
	EA	REINF.	REINFORCING, REINFORCEMENT
	E.F.S.	REQU.	REQUIRED
B	E.J.	REV.	REVISED, REVISION
	ELEC.	R.D.	ROUGH OPENING
	ELEV.	R.O.	ROUGH OPENING
	E.O.S.		
	ENG.	SC	SEALED CONCRETE
	E.P.	SCHED.	SCHEDULE
	EPDM	SCW	SOLID CORE WOOD
	EQ.	SECT.	SECTION
	EQUIP.	S.F.	SQUARE FEET
	E.R.D.	SFRM	SPRAYED FIRE RESISTIVE MATERIAL
A	E.T.D.	S.G.P.	SEMI-GLOSS PAINT
	E.W.C.	SQ. IN.	SQUARE INCHES
	EXIST.	SHEET	SHEET
	EXP.	SHTS.	SHEETS
	EXT.	SIM.	SIMILAR
		SPEC	SPECIFICATIONS
	F.D.	S.S.	SERVICE SINK
	FDC	STC	SOUND TRANSMISSION CLASS
	FDN.	STD.	STANDARD
	FE	STL	STEEL
A	FEC	STOR.	STORAGE
	F.F.	STRUCT	STRUCTURAL, STRUCTURE
	F.F.E.	SUSP.	SUSPENDED
	FHC	SQ.	SQUARE
	FIN.		
	FLR.	T&G	TONGUE & GROOVE
	F.O.	TEL.	TELEPHONE
	F.O.B.	TG	TEMPERED GLASS
	F.O.P.	T.O.STL.	TOP OF STEEL
	FT.	T.O.B.	TOP OF BRICK, TOP OF BEAM
A	FTG.	T.O.S.	TOP OF STEEL, TOP OF SLAB
	F.V.	T.O.SH.	TOP OF SHEATHING
	FRP	T.O.W.	TOP OF WALL
		TYP.	TYPICAL
A	GA.	U.L.	UNDERWRITERS LABORATORIES
	GALV.	U.O.N.	UNLESS OTHERWISE NOTED
	GBF	VCT OR VT	VINYL COMPOSITION TILE
	GL.	VB	VAPOR BARRIER
	G.P.	VDC	VIRTUAL DESIGN & CONSTRUCTION
	GYP	VERT.	VERTICAL
	GWB	VR	VIRTUAL REALITY
A	HB	W/	WITH
	HDW	W.C.	WATER CLOSET
	HGT. OR HT.	WCO	WALL CLEANOUT
	HKS	WMP	WIRE MESH PARTITION
	HORIZ.	WD	WOOD
	HVAC	WWF	WELDED WIRE FABRIC
A	I.D.	YD.	YARD
	I.F.S.		
	I.E.		
	IN.		
	INSUL.		
	INT.		
A	JT.		
	JAN.		
	JST.		
	K.P.		
A	LAM.		
	LAV.		
	LB.		
	LDG.		
	LONG.		
	LT.		
	LTG.		
	LTV.		
	LVT		
	LVP		

PLAN SYMBOLS		MATERIAL SYMBOLS	
BUILDING SECTION		1-HOUR RATED WALL	
DETAIL SECTION		3-HOUR RATED WALL	
DOOR TAG		SMOKE RATED WALL	
ELEVATION - EXTERIOR		BATT INSULATION	
ELEVATION - INTERIOR		CONCRETE	
KEYNOTE		EARTH	
NORTH ARROW		EXPOSED & FINISHED WOOD TRIM	
REVISION TAG		GRAVEL	
ROOM TAG		GRASS	
ROOM NAME		GYPSUM / PLASTER	
SPECIALTY EQUIPMENT TAG		MASONRY - BRICK	
VIEW REFERENCE		PLYWOOD	
MATCHLINE		RIGID INSULATION	
VIEW TITLE		STEEL	
WALL & CURTAIN WALL TAG		TILE / CARPET	
WINDOW & LOUVER TAG		STUCCO / E.I.F.S.	
ROOF SLOPE		SLOPE	

GENERAL NOTES

1. ATTENTION ALL USERS OF THESE DRAWINGS, GENERAL CONTRACTORS, SUB CONTRACTORS, MANUFACTURERS, SUPPLIERS: CAREFULLY AND THOROUGHLY REVIEW THESE GENERAL NOTES. IT IS YOUR RESPONSIBILITY TO KNOW AND ADHERE TO THESE REQUIREMENTS.

2. DO NOT PRESUME THAT YOUR SCOPE OF WORK IS SINGULARLY DEFINED. YOUR SCOPE OF WORK IS DEFINED THROUGHOUT THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS AND IS NOT CONTAINED IN JUST ONE SERIES OF DRAWINGS OR DIVISION OF SPECIFICATIONS. YOU MUST REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS TO DETERMINE YOUR SCOPE OF WORK.

3. EVERY EFFORT HAS BEEN MADE TO MAKE THESE DOCUMENTS CONCISE AND COORDINATED. TO DEFINE WORK IN THE MOST LOGICAL PLACE AND TO ELIMINATE REDUNDANCY. KEEP IN MIND HOWEVER THAT YOUR SCOPE OF WORK CAN BE CONTAINED IN VARIOUS PLACES. WITH VARYING DESCRIPTIONS. DO NOT CONSIDER THAT THERE IS ONE CUSTOMARY PLACE TO LOCATE YOUR WORK. THERE IS A DANGER OF OMITTING WORK FROM YOUR SCOPE BECAUSE THE ENTIRE SET OF DOCUMENTS WAS NOT REVIEWED.

4. MECHANICAL AND ELECTRICAL DRAWINGS SHOW INFORMATION IN A DIAGRAMMATIC FASHION WITHOUT DIMENSIONING. THE GENERAL CONTRACTOR IS TO COORDINATE THE LOCATIONS OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT WITH RESPECT TO THE ARCHITECTURAL AND STRUCTURAL DETAILING OF SHAFTS, CHASES, AND SUCH.

5. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH SITE CONDITIONS AS THEY MAY AFFECT CARRYING OUT THE WORK AS DESCRIBED IN THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT, AND NOTIFY THE ARCHITECT OF ANY CONDITIONS THAT REQUIRE MODIFICATION BEFORE PROCEEDING WITH THE WORK.

6. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, LABOR, AND SERVICES NECESSARY TO COMPLETE THE WORK.

7. ALL PERSONS DIRECTLY OR INDIRECTLY ASSOCIATED WITH THE PROJECT SHALL BE FAMILIAR WITH THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT AND IMPLEMENT THOSE RULES AS THEY APPLY TO THIS PROJECT.

8. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE BUILDING CODES AS NOTED ON CODE SHEETS.

9. ALL SUBCONTRACTORS SHALL SUBMIT SHOP DRAWINGS AS REQUIRED FOR APPROVAL PRIOR TO COMMENCING ANY WORK.

10. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL TRADES AND THE PREVENTION OF CONFLICT AMONG ALL TRADES.

11. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITY LINES. LOCATIONS SHOWN ARE APPROXIMATE. REPAIR ALL DAMAGE TO UTILITY LINES CAUSED BY CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.

12. PROVIDE SEALANT AT ALL JOINTS OR CRACKS THAT OCCUR WHERE DISSIMILAR MATERIALS INTERSECT PERPENDICULAR TO EACH OTHER, AND THE INTERSECTION IS EXPOSED TO VIEW, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.

13. ALL PENETRATIONS AT SMOKE AND FIRE RATED WALLS, FLOORS, OR CEILINGS, SHALL BE PROTECTED. SEALED OR DAMPERED USING ONLY U.L. AND/OR I.C.B.O. APPROVED METHODS, MATERIALS, AND INSTALLATION.

14. PAINT ALL EXPOSED STEEL UNLESS NOTED OTHERWISE.

15. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING AND SHORING REQUIRED DURING CONSTRUCTION.

16. ALL WORK AND MATERIAL SHALL BE REGARDED AS NEW UNLESS SPECIFICALLY INDICATED AS "EXISTING" OR "EX" ON THE DRAWINGS AND DESCRIBED WITHIN THE SPECIFICATIONS.

17. TYPICAL DETAILS MAY NOT NECESSARILY BE REFERENCED ON THE DRAWINGS BUT APPLY UNLESS NOTED OTHERWISE.

18. SECURITY AND SAFETY ARE THE CONTRACTOR'S RESPONSIBILITY. COORDINATE WITH CONTRACTING OFFICER'S REPRESENTATIVE.

DRAWING AND DIMENSIONS:

1. THE CONTRACT DOCUMENT DRAWINGS HAVE BEEN PREPARED USING REVIT® SOFTWARE IN A MICROSOFT WINDOWS ENVIRONMENT. A BUILDING INFORMATION MODEL (BIM) WAS DEVELOPED SOLELY TO COMMUNICATE THE DESIGN TO THE OWNER AND IS NOT SUITABLE FOR ANY OTHER PURPOSE. FOR EXAMPLE, THE REVIT MODEL IS NOT SUITABLE FOR COST ESTIMATING, SYSTEMS PERFORMANCE, COORDINATION, SCHEDULING, OR FACILITIES MANAGEMENT.

2. THESE DOCUMENTS WERE PRODUCED USING THE CONSTRUCTION SPECIFICATIONS INSTITUTE'S UNIFORM DRAWING SYSTEM AND THE NATIONAL CAD STANDARD AS GUIDES.

3. ANY INDICATION OF PROJECT LIMITS OR LINES OF DEMARCATION ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR AND ARE NOT TO BE TAKEN LITERALLY. ACTUAL CONTRACT LIMITS ARE TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE OWNER BEFORE ACTUAL CONSTRUCTION WORK BEGINS.

4. DRAWINGS ARE PREPARED USING DIMENSIONS AND PRODUCT CONFIGURATIONS OR DETAILS OF SPECIFIC MANUFACTURERS. DIMENSIONS AND DETAILS FOR SPECIFIC PRODUCTS MAY CHANGE BEFORE THEY ARE ACTUALLY INCORPORATED INTO THE WORK, AND PRODUCTS BY OTHER MANUFACTURERS ARE ALSO ACCEPTABLE. THEREFORE, ACTUAL INSTALLATION DETAILS AND DIMENSIONS MAY DIFFER FROM THOSE SHOWN. CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS FOR ALL PRODUCTS TO BE INCORPORATED IN THE WORK (INCLUDING THICKNESSES FOR RECESSED OR SEMI-RECESSED PRODUCTS) AND IS RESPONSIBLE FOR ACCOMMODATING AND COORDINATING CHANGES TO OTHER MATERIALS OR PRODUCTS THAT ARE NECESSARY BECAUSE OF THESE DIFFERENCES.

5. THE DRAWINGS AND SPECIFICATIONS ARE SEPARATED INTO DISCIPLINES FOR CONVENIENCE. THE SEPARATIONS USED ARE USED ONLY FOR THE PURPOSES OF REFERENCE AND IN NO WAY DO THEY DEFINE OR LIMIT THE SCOPE OR INTENT OF ANY PART OF THE DRAWINGS, OR OF THE DRAWINGS AND SPECIFICATIONS AS A WHOLE. THE FACT THAT THE DRAWINGS ARE SEPARATED IN NO WAY SUGGESTS THAT THE WORK IS NOT TO BE CONSTRUCTED AS A COMPLETE, INTEGRATED AND UNIFIED WHOLE.

6. THE DRAWINGS AND SPECIFICATIONS, INCLUDING DRAWINGS PREPARED BY SPECIFIC ENGINEERING DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, ETC.) ARE COMPLEMENTARY. ITEMS SHOWN IN ANY ONE LOCATION IN THE DRAWINGS SHALL BE CONSIDERED TO BE REQUIREMENTS OF THE CONTRACT FOR CONSTRUCTION. IN THE EVENT OF AN INCONSISTENCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, OR WITHIN EITHER DOCUMENT, THE CONTRACTOR SHALL SEEK CLARIFICATION OR INTERPRETATION FROM THE ARCHITECT PRIOR TO BIDDING. WHERE INCONSISTENCIES ARE NOT CLARIFIED PRIOR TO BIDDING, AND WHERE THE ACTUAL SOLUTION OR INTENT CANNOT BE REASONABLY INFERRED, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK.

7. USE OF THE WORD "VERIFY" POINTS OUT A SITUATION WHICH MUST BE CONFIRMED PRIOR TO PROCEEDING WITH THE WORK, FABRICATION OF EQUIPMENT, OR ORDERING MATERIAL. NOTIFY THE ARCHITECT OF ANY DISCREPANCY DISCOVERED.

8. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT IMMEDIATELY SHOULD ANY DISCREPANCIES BE FOUND IN THE DRAWINGS AND SPECIFICATIONS.

9. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL FIELD CONDITIONS AND DIMENSIONS AS THEY RELATE TO THIS PROJECT. SHOULD DISCREPANCIES EXIST BETWEEN THE WORK INDICATED AND ACTUAL FIELD CONDITIONS NOTIFY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

10. DO NOT SCALE THE DRAWINGS. DRAWING SCALES AS INDICATED ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO ACCURATELY DEPICT ACTUAL OR DESIGNATED CONDITIONS. WRITTEN DIMENSIONS SHALL GOVERN, WHERE DIMENSIONS CANNOT BE DETERMINED FROM THE PLANS, DETAILS, AND SPECIFICATIONS, REQUEST CLARIFICATION FROM THE ARCHITECT.

11. ALL DIMENSIONS INDICATED ARE TO FACES OF FINISH MATERIALS OR COLUMN GRID LINES UNLESS NOTED OTHERWISE. ROUGH OPENINGS SHALL ALLOW FOR SHIM SPACE.

12. THE TERM "ALIGN" REFERS TO LOCATING DIFFERENT COMPONENTS OF CONSTRUCTION TO PROVIDE A FLUSH FINISH SURFACE.

13. SHOULD DIMENSIONS BE MISSING OR CONFLICTING, NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH RELATED WORK.

14. KEYNOTES AND LEGENDS ARE TYPICAL FOR ALL FLOOR PLAN SHEETS, INDIVIDUAL NOTES MAY NOT APPLY TO EACH SHEET.

15. REFERENCE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL FOR ITEMS. COORDINATE AS REQUIRED INCLUDING NECESSARY FRAMING, BLOCKING, ETC.

16. ALL HANDRAILS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF AMERICANS WITH DISABILITIES ACT GUIDELINES AND ALL CODES AND REGULATIONS HAVING JURISDICTION, THE MOST STRINGENT SHALL PREVAIL.

17. PROVIDE MINIMUM CLEARANCES AT ALL DOORS PER DETAILS.

18. SEE STRIPING/SIGNAGE PLANS FOR DETAILS AND DIMENSIONS OF PAINTED TRAFFIC MARKINGS. PAINTED TRAFFIC MARKING SHOWN FOR COORDINATION ONLY.

19. IF DISCREPANCIES EXIST ON THE DRAWINGS, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO SUBMIT A REQUEST FOR INFORMATION FOR CLARIFICATION FROM THE ARCHITECT.

20. DETAILS ARE INTENDED TO SHOW DESIGN INTENT FOR ACCOMPLISHING WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS AND SHALL BE INCLUDED AS PART OF THE WORK.

21. COORDINATE THE INSTALLATION OF THE VARIOUS TRADE ITEMS WITHIN THE SPACE ABOVE CEILINGS (STRUCTURAL MEMBERS, FIREPROOFING, CONDUITS, MECHANICAL DUCTS, INSULATION, SPRINKLER LINES AND DROPS, RECESSED LIGHT FIXTURES AND CEILING CONSTRUCTION THICKNESS, ETC.) TO MAINTAIN THE FINISH CEILING HEIGHT ABOVE THE FLOOR AS INDICATED IN THESE DRAWINGS FOR THE VARIOUS ROOMS AND AREAS.

22. SEPARATE APPROVALS FOR PERMITS FROM GOVERNING AGENCIES SHALL BE REQUIRED

23. CERTAIN BUILDING SYSTEMS, INCLUDING BUT NOT LIMITED TO CURTAIN WALL SYSTEMS, MECHANICALLY FASTENED STONE VENEER AND STUD SUPPORT, FIRE PROTECTION SYSTEMS, CERTAIN LIGHT-GAUGE AND COLD ROLLED METAL FRAMING SYSTEMS, MISCELLANEOUS METALS, ORNAMENTAL RAILINGS, FIRE ALARM SYSTEMS, FIRE PUMP SYSTEMS, UNDERGROUND TANKS, FUEL OIL SYSTEMS, AND SYSTEMS WHICH REQUIRE THE SUBMISSION OF ADDITIONAL ENGINEERING CALCULATIONS OR DETAIL DRAWINGS FOR AGENCY APPROVAL. THE PREPARATION OF SUCH DOCUMENTS AND OBTAINING THE AUTHORIZATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

24. OBTAIN ALL NECESSARY PERMITS FOR WORK, INCLUDING, BUT NOT LIMITED TO, PEDESTRIAN PROTECTION, TRAFFIC CONTROL MITIGATION, TEMPORARY STREET CLOSURE, AND OFFSITE IMPROVEMENTS. PERMITS SHALL BE OBTAINED PRIOR TO STARTING THE WORK.

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
B	60% DESIGN DEVELOPMENT	09.23.2022
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D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023

REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

SHEET TITLE

GENERAL NOTES
SYMBOLS AND
ABBREVIATIONS

SHEET ID

G003

CONSTRUCTION DOCUMENTS

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\ID\22019-G004.dwg

D
C
B
A

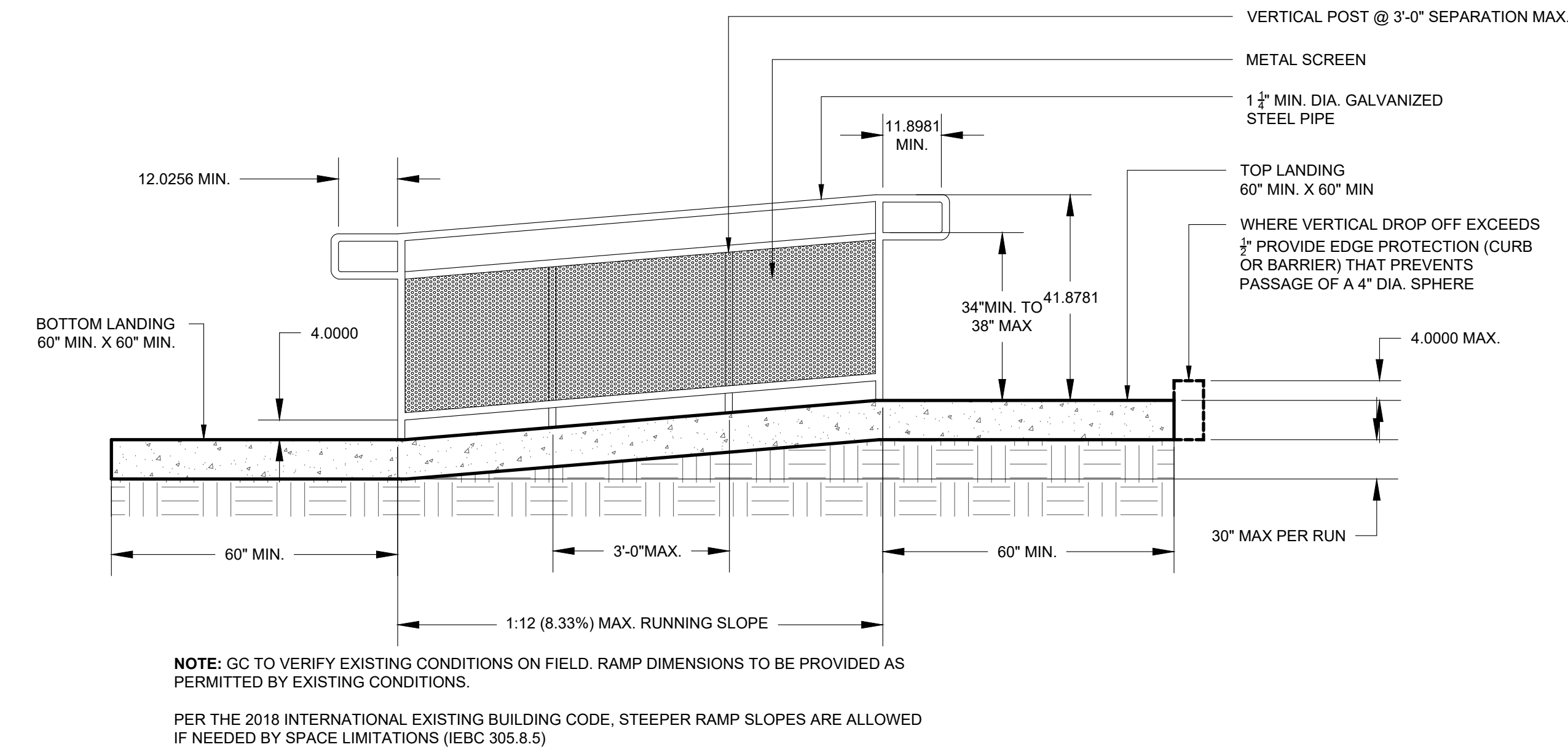
1

2

3

4

5



SLOPE	MAX. RISE
1:10-1:8	0'-3"
1:12-1:10	0'-6"

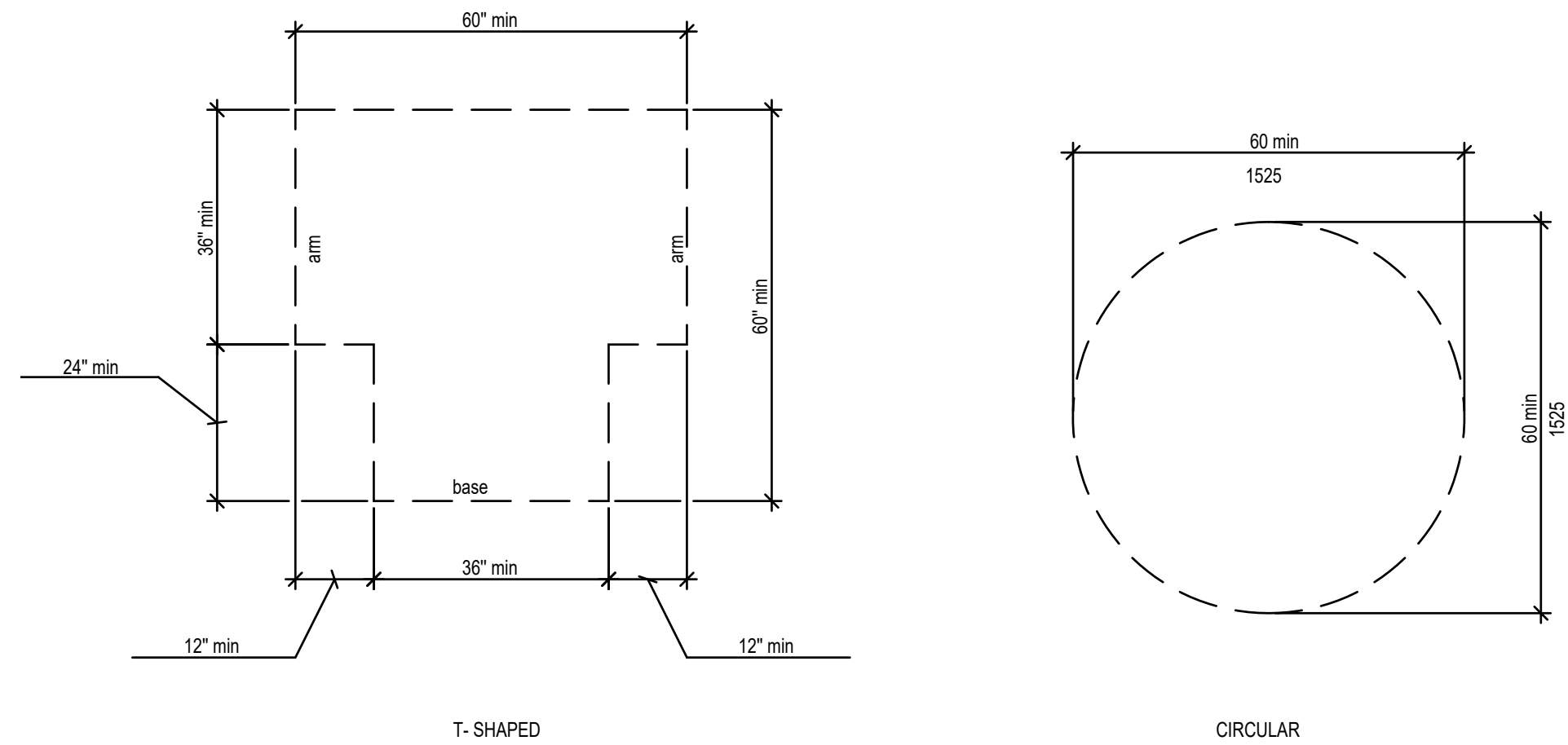
RAMPS - GENERAL NOTES & DETAILS

- SLOPE:** RAMP RUNS MUST HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12.
- CROSS SLOPE:** CROSS SLOPE OF RAMP RUNS MUST NOT BE STEEPER THAN 1:48.
- CLEAR WIDTH:** THE CLEAR WIDTH MUST BE 36" MIN BETWEEN HANDRAILS.
- RISE:** THE RISE FOR ANY RAMP RUN MUST BE 30" MAX.
- LANDINGS:** RAMP RUNS MUST HAVE LANDINGS AT THE TOP AND BOTTOM OF EACH RAMP RUN. LANDINGS MUST BE STABLE, FIRM, AND SLIP RESISTANT. CHANGES IN LEVEL ARE NOT PERMITTED.
LANDING CLEAR WIDTH: AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING.
LANDING CLEAR LENGTH: 60" MIN.
RAMP RUNS THAT CHANGE DIRECTIONS BETWEEN RUNS AT LANDINGS MUST HAVE A CLEAR LANDING OF 60" MIN X 60" MIN. WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES ARE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA. LANDINGS SUBJECT TO WET CONDITIONS MUST BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER.
- HANDRAILS:** RAMP RUNS WITH A RISE GREATER THAN 6" MUST HAVE HANDRAILS. WHERE REQUIRED, GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, INCLUDING MEZZANINES, EQUIPMENT PLATFORMS, AISLES, STAIRS, RAMP RUNS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES (762 MM) MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES (914 HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.8.
- FLOOR OR GROUND SURFACES:** FLOOR OR GROUND SURFACES OF RAMP RUNS MUST BE STABLE, FIRM, AND SLIP RESISTANT. CHANGES IN LEVEL OTHER THAN THE RUNNING SLOPE AND CROSS SLOPE ARE NOT PERMITTED ON RAMP RUNS.
- EDGE PROTECTION:** EDGE PROTECTION MUST BE PROVIDED ON EACH SIDE OF RAMP RUNS AND AT EACH SIDE OF RAMP LANDINGS. THE FLOOR OR GROUND SURFACE OF THE RAMP RUN OR LANDING MUST EXTEND 12" MIN. BEYOND THE INSIDE FACE OF A HANDRAIL. THE EXTEND SURFACE PREVENTS WHEELCHAIR CASTERS AND CRUTCH TIPS FROM SLIPPING OFF THE RAMP SURFACE. A CURB OR BARRIER MUST BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4" DIAMETER SPHERE, WHERE ANY PORTION OF THE SPHERE IS WITHIN 4" OF THE FINISH FLOOR OR GROUND SURFACE.
- DRAINAGE:** EXPOSED EXTERIOR RAMPS SHALL BE CONSTRUCTED TO PREVENT ACCUMULATION OF WATER.

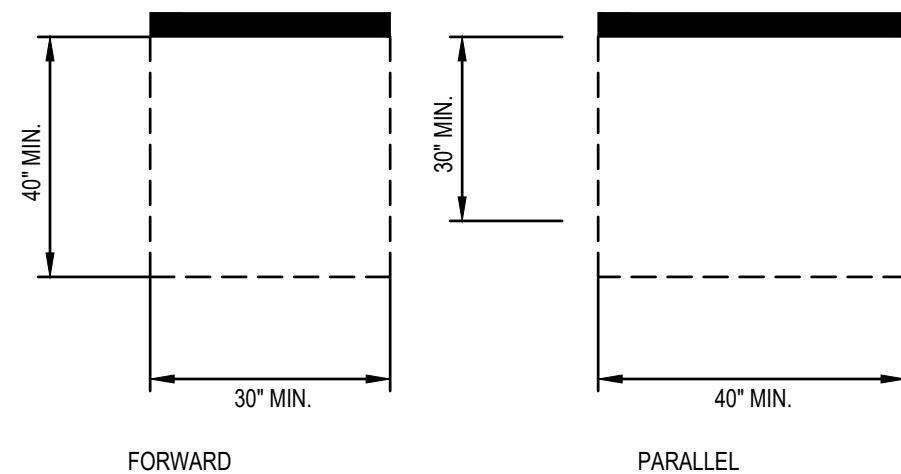
GENERAL NOTES

- FOR EXISTING FACILITIES, EACH ALTERED ELEMENT SHALL COMPLY WITH CHAPTER 2 OF THE 2010 ADA. IF COMPLIANCE IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL COMPLY WITH THE REQUIREMENTS TO THE MAXIMUM EXTENT FEASIBLE.
- PER SECTION 202.3 OF THE 2010 ADA, UNLESS ALTERATION AFFECTS A PRIMARY FUNCTION AREA, WHERE ELEMENTS OR SPACES ARE ALTERED AND THE CIRCULATION PATH TO THE ALTERED ELEMENT OR SPACE IS NOT ALTERED, AN ACCESSIBLE ROUTE IS NOT REQUIRED.

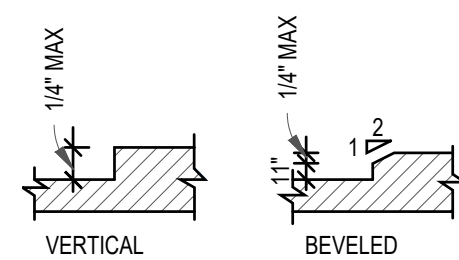
A1 TYPICAL ADA RAMP DESIGN GUIDELINES
SCALE: 1/2"=1'-0"



C4 TURNING SPACE
SCALE: 1/2"=1'-0"



B5 CLEAR GROUND SPACE
SCALE: 1/2"=1'-0"



A5 CHANGE LEVEL
SCALE: 1/2"=1'-0"



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SEAL

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PROJECT INFORMATION

**REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO**

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A	30% DESIGN DEVELOPMENT	09.02.2022
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REVIEWED BY:	GR
DRAWN BY:	JHR
DESIGNED BY:	JCR
PROJECT NUMBER:	22019

SHEET TITLE

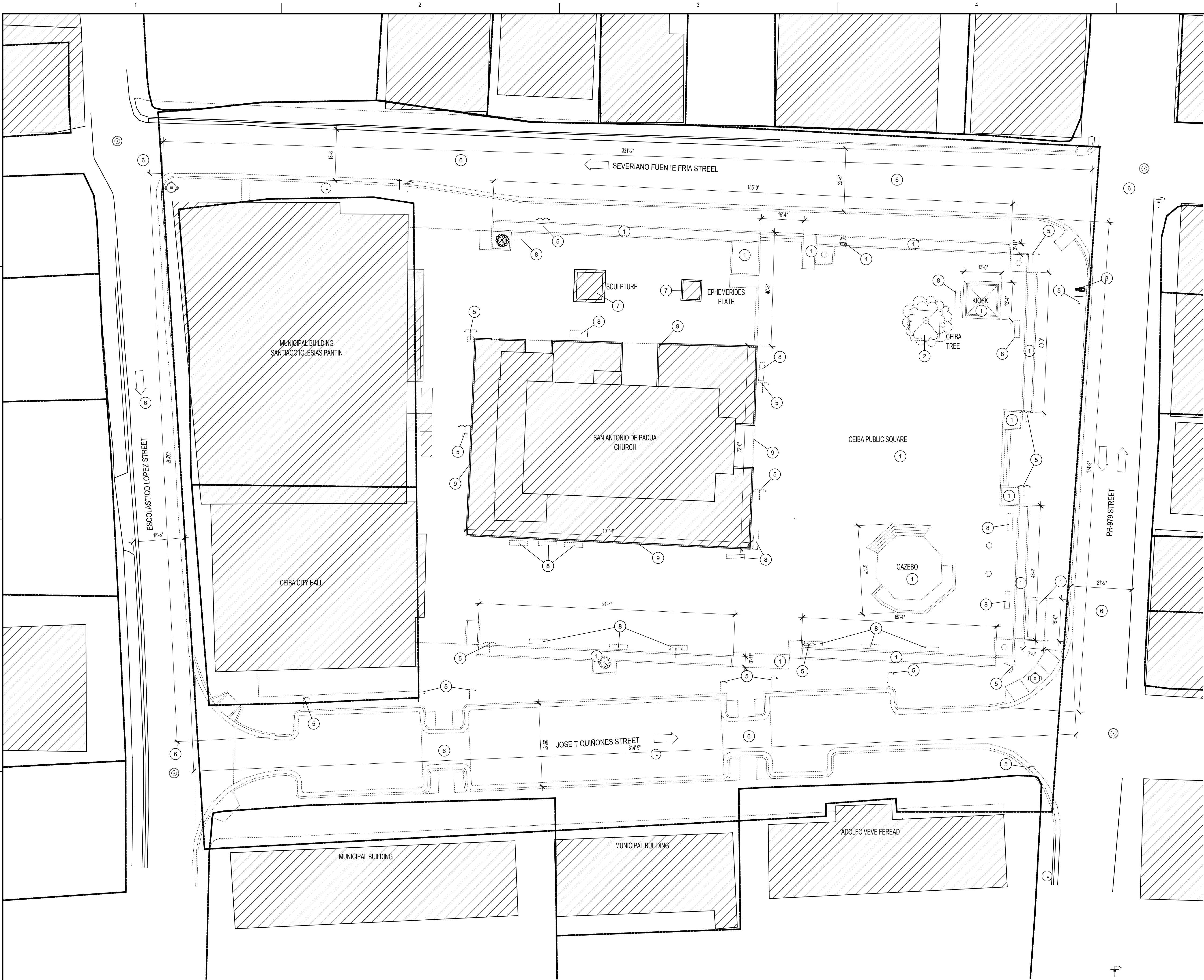
**ADA STANDARDS FOR
ACCESIBILITY**

SHEET ID

G004

CONSTRUCTION DOCUMENTS

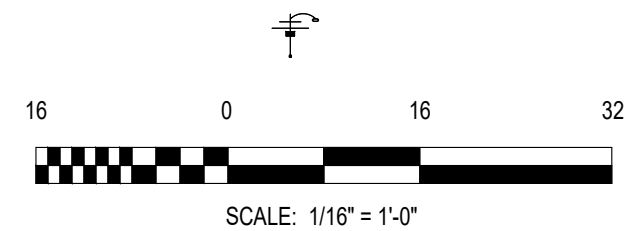
7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\ID22019-ASD100.dwg



A1

EXISTING CONDITIONS & SELECTIVE DEMOLITION SITE PLAN

SCALE: 1/16"=1'-0"



LEGEND & SHEET NOTES

- EXISTING TO REMAIN
- EXISTING TO BE DEMOLISHED AND DISPOSED
- PROPERTY LIMIT

GENERAL SHEET NOTES

- ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.
- THIS IS NOT A SURVEY PLAN
- THIS IS NOT A PROPERTY LIMIT STUDY

SHEET KEYNOTES ()

- COMPLETELY DEMOLISH. DEMOLISH PLANTER AT A MAXIMUM OF 4" FROM FINISH GRADE AND/OR DEMOLISH SLAB AT A MAXIMUM OF 4" FROM FINISHED LEVEL. DISPOSE DEMOLISH MATERIAL.
- EXISTING TREE TO BE CAREFULLY REMOVED AND RELOCATED. COORDINATE WITH OWNER. REFER TO LANDSCAPE DRAWINGS.
- EXISTING WATER METER TO REMAIN. REFER TO CIVIL DRAWINGS
- EXISTING ELECTRICAL METER TO BE RELOCATED. REFER TO ELECTRICAL DRAWINGS.
- EXISTING STREET LAMP TO BE REPLACED. REFER TO SPECIFICATIONS FOR DETAILS. REFER TO CIVIL DRAWINGS.
- EXISTING STREET TO BE PARTIALLY DEMOLISHED. REFER TO CIVIL DRAWINGS FOR DETAILS.
- EXISTING MONUMENT TO REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION. COORDINATE WITH OWNER.
- EXISTING BENCH TO BE REMOVED AND DISPOSED.
- EXISTING FENCE AND SUPPORT TO BE REMOVED, NO PERFORATION UNDER 4" ABOVE FINISH FLOOR TO BE DONE.

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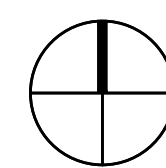
SHEET TITLE

EXISTING CONDITIONS &
SELECTIVE DEMOLITION
SITE PLAN

SHEET ID

ASD100

CONSTRUCTION DOCUMENTS



PROJECT INFORMATION

**REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO**

DATE ISSUED:	03.15.2023
REVIEWED BY:	GR
DRAWN BY:	JHR
DESIGNED BY:	JCR
PROJECT NUMBER:	22019

SHEET ID

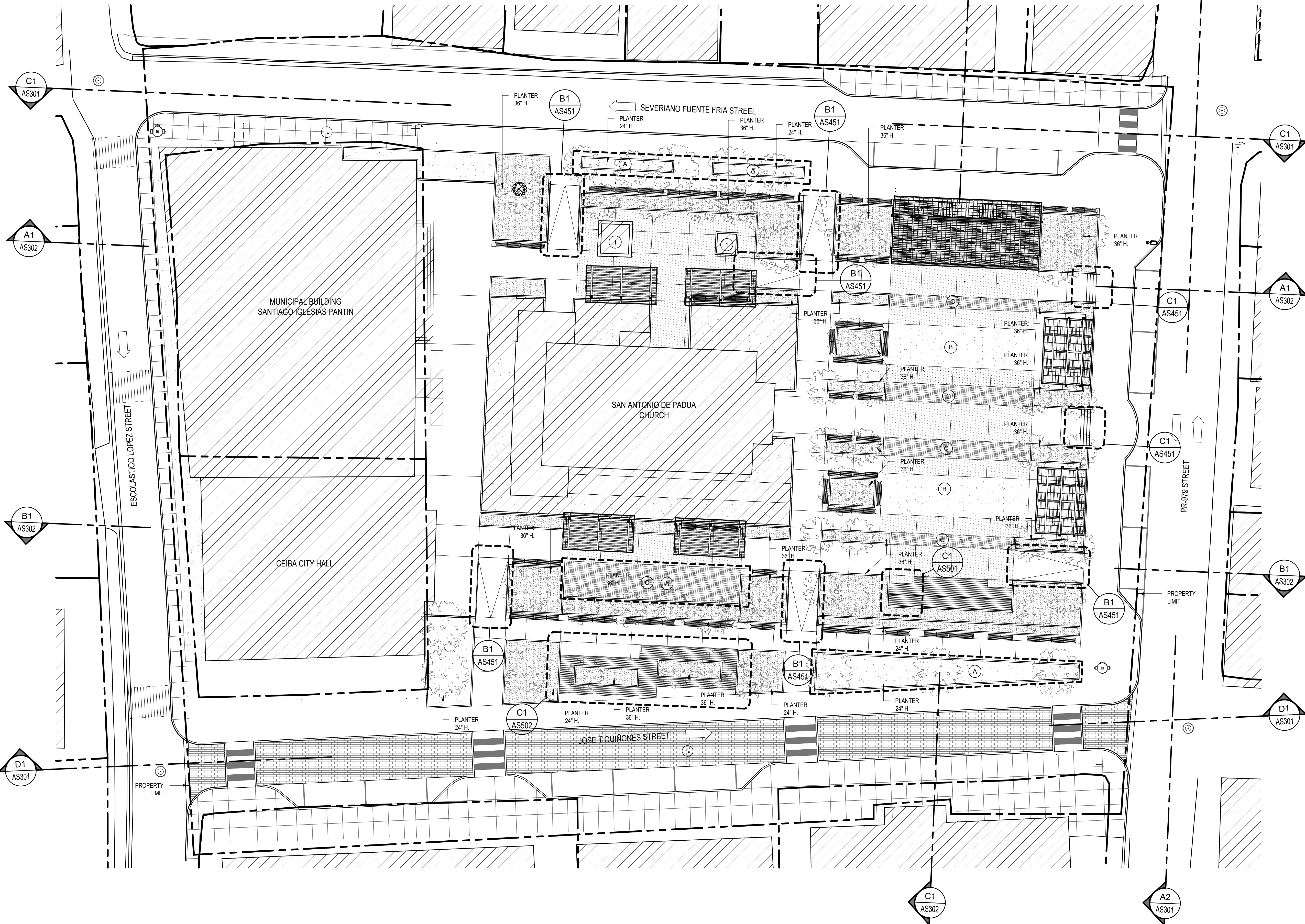
AS100

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\ID\22019-AS101.dwg

A1

OVERALL ARCHITECTURAL SITE PLAN - TOP VIEW (ROOF PLAN)

SCALE: 1/16"=1'-0"



LEGEND & SHEET NOTES

- GRASS
- VEGETATION

GENERAL SHEET NOTES

- ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.
- THIS IS NOT A SURVEY PLAN
- THIS IS NOT A PROPERTY LIMIT STUDY
- CG TO VERIFY ALL EXISTING CONDITION DIMENSION IN FIELD
- REFER TO SHEET AS102 FOR HARDSCAPE AND FLOOR FINISHES
- REFER TO SHEET AS103 FOR SITE FURNISHINGS
- REFER TO SHEET AS104 FOR SITE LIGHTING
- REFER TO SHEET AS105 FOR SITE ART INSTALLATIONS
- REFER TO SHEET AS106 FOR TRELLIS, PORTALS AND STAGE
- REFER GRADING PLAN TO SHEET C300
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO COMMENCING WORK.

SHEET KEYNOTES ()

- A. PROPOSED OUTDOOR ART INSTALLATION BY OTHERS
- B. GRASS
- C. GRASS PAVERS



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SEAL

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
B	60% DESIGN DEVELOPMENT	09.23.2022
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023
REVIEWED BY: GR
DRAWN BY: JHR
DESIGNED BY: JCR
PROJECT NUMBER: 22019

SHEET TITLE

OVERALL
ARCHITECTURAL SITE
PLAN - TOP VIEW
(ROOF PLAN)

SHEET ID

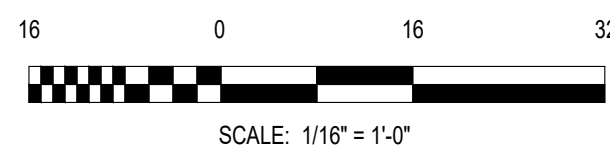
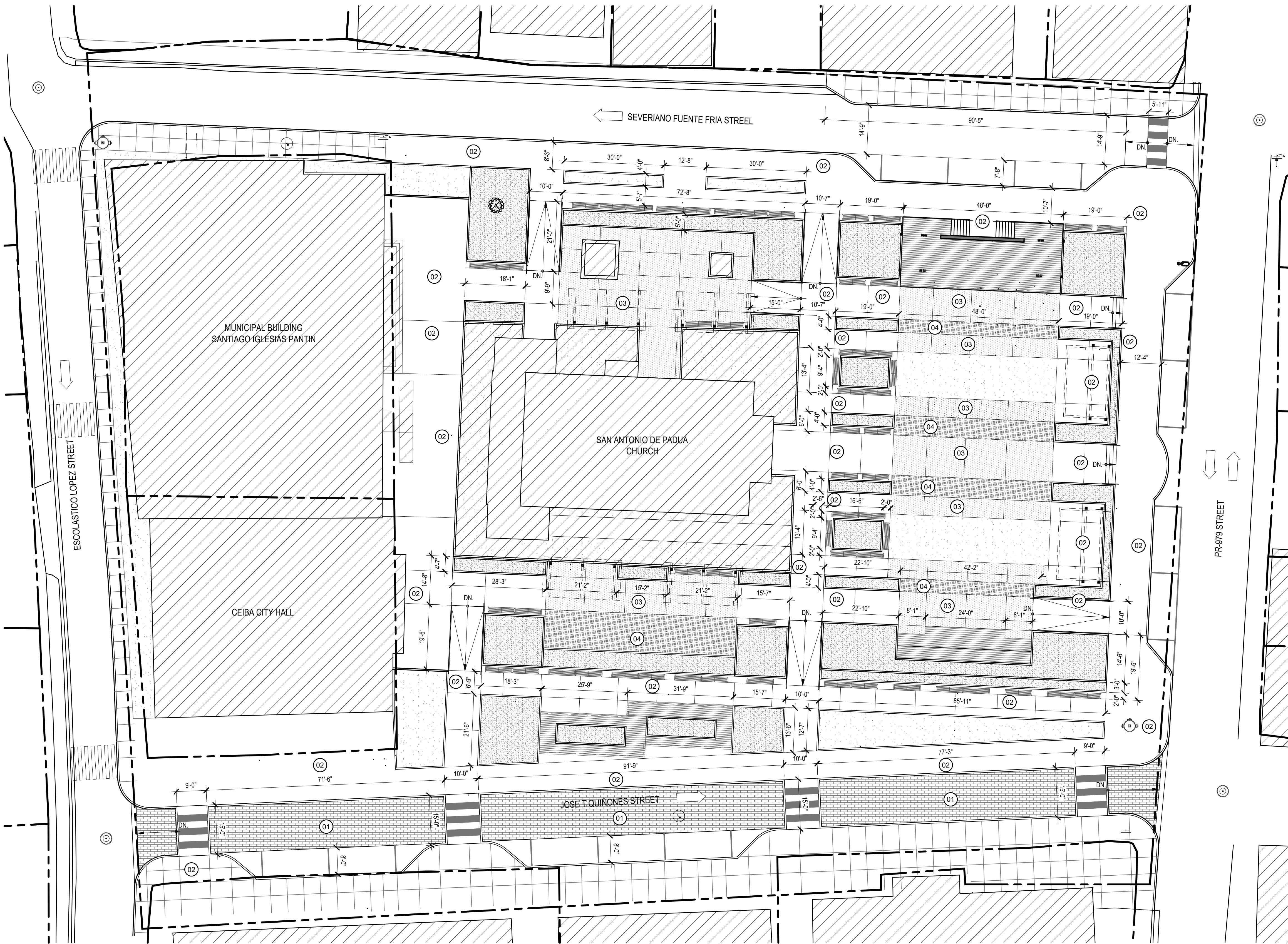
AS101

CONSTRUCTION DOCUMENTS

A1

OVERALL ARCHITECTURAL SITE PLAN - HARDSCAPE FLOOR FINISHES

SCALE: 1/16"=1'-0"



EXTERIOR ELEMENTS - FLOORS					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		PAVING TEXTURE DIMENSIONS: 2'-0" x 4'-0"			MATERIAL: STAMPED CONCRETE COLOR: DARK GREY EQUAL OR SIMILAR
02		BROOM FINISH PAVING TEXTURE			MATERIAL: CONCRETE COLOR: LIGHT GREY GRANITE EQUAL OR SIMILAR
03		BROOM FINISH PAVING TEXTURE			MATERIAL: CONCRETE COLOR: DARK GREY EQUAL OR SIMILAR
04		GRASS PAVERS 3/8" INTERLOCKING PERMEABLE PAVERS			MATERIAL: CONCRETE GRID PAVERS GRASS EQUAL OR SIMILAR

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
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DATE ISSUED: 03.15.2023

REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

SHEET TITLE

OVERALL
ARCHITECTURAL SITE
PLAN - HARDSCAPE
FLOOR FINISHES

SHEET ID

AS102

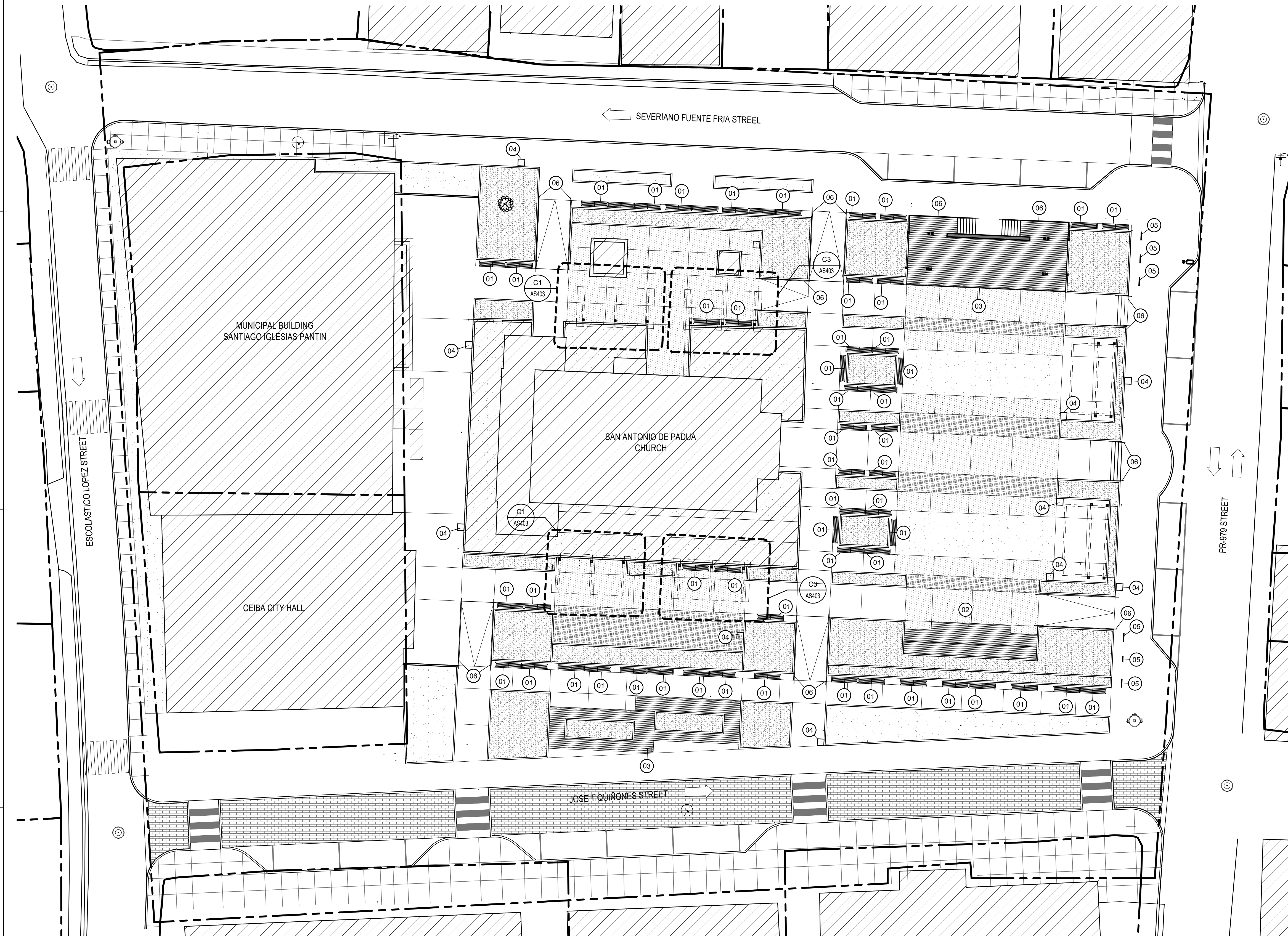
CONSTRUCTION DOCUMENTS

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\ID\22019-AS103.dwg

A1

OVERALL ARCHITECTURAL SITE PLAN - SITE FURNISHINGS

SCALE: 1/16"=1'-0"



EXTERIOR ELEMENTS - FURNISHING					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL / COLOR	MATERIAL
01		CONTINUOUS BACKLESS BENCH	CITY PARK EQUIPMENT	DUMOR MODEL: W623-63PL COLOR: "REDWOOD" RECYCLED PLASTIC TEXTURED CHARCOAL	RECYCLED PLASTIC BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
02		CUSTOM PLATFORM BENCH	N/A	N/A	RECYCLED PLASTIC MATERIAL EQUAL OR SIMILAR TO MODEL W623-63PL METAL BAKED-ON POLYESTER POWDER FINISH COLOR: TEXTURE CHARCOAL EQUAL OR SIMILAR TO MODEL W623-63PL
03		CUSTOM STAGE	N/A	N/A	RECYCLED PLASTIC MATERIAL EQUAL OR SIMILAR TO MODEL W623-63PL METAL BAKED-ON POLYESTER POWDER FINISH COLOR: TEXTURE CHARCOAL EQUAL OR SIMILAR TO MODEL W623-63PL
04		TRASH BINS	CITY PARK EQUIPMENT	DUMOR MODEL: 302-32PL-BT COLOR: "REDWOOD" RECYCLED PLASTIC TEXTURED CHARCOAL	INSTALLATION AND ANCHOR AS PER MANUFACTURER SPECS RECYCLED PLASTIC BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
05		LOOP BIKE RACKS	CITY PARK EQUIPMENT	DUMOR MODEL: 83 SERIES COLOR: TEXTURED CHARCOAL	INSTALLATION AND ANCHOR AS PER MANUFACTURER SPECS BAKED-ON POLYESTER POWDER FINISH EQUAL OR SIMILAR
06		STAINLESS STEEL HANDRAIL	PIN METAL STAIRS	STAINLESS STEEL OUTDOOR HANDRAIL	REFER TO A461 FOR INSTALLATION STAINLESS STEEL BRUSHED EQUAL OR SIMILAR



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SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
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D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

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DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

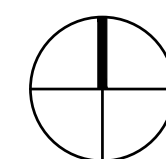
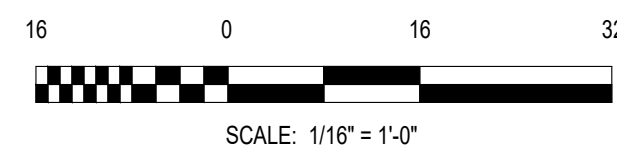
SHEET TITLE

ARCHITECTURAL
SITE PLAN - SITE
FURNISHINGS

SHEET ID

AS103

CONSTRUCTION DOCUMENTS

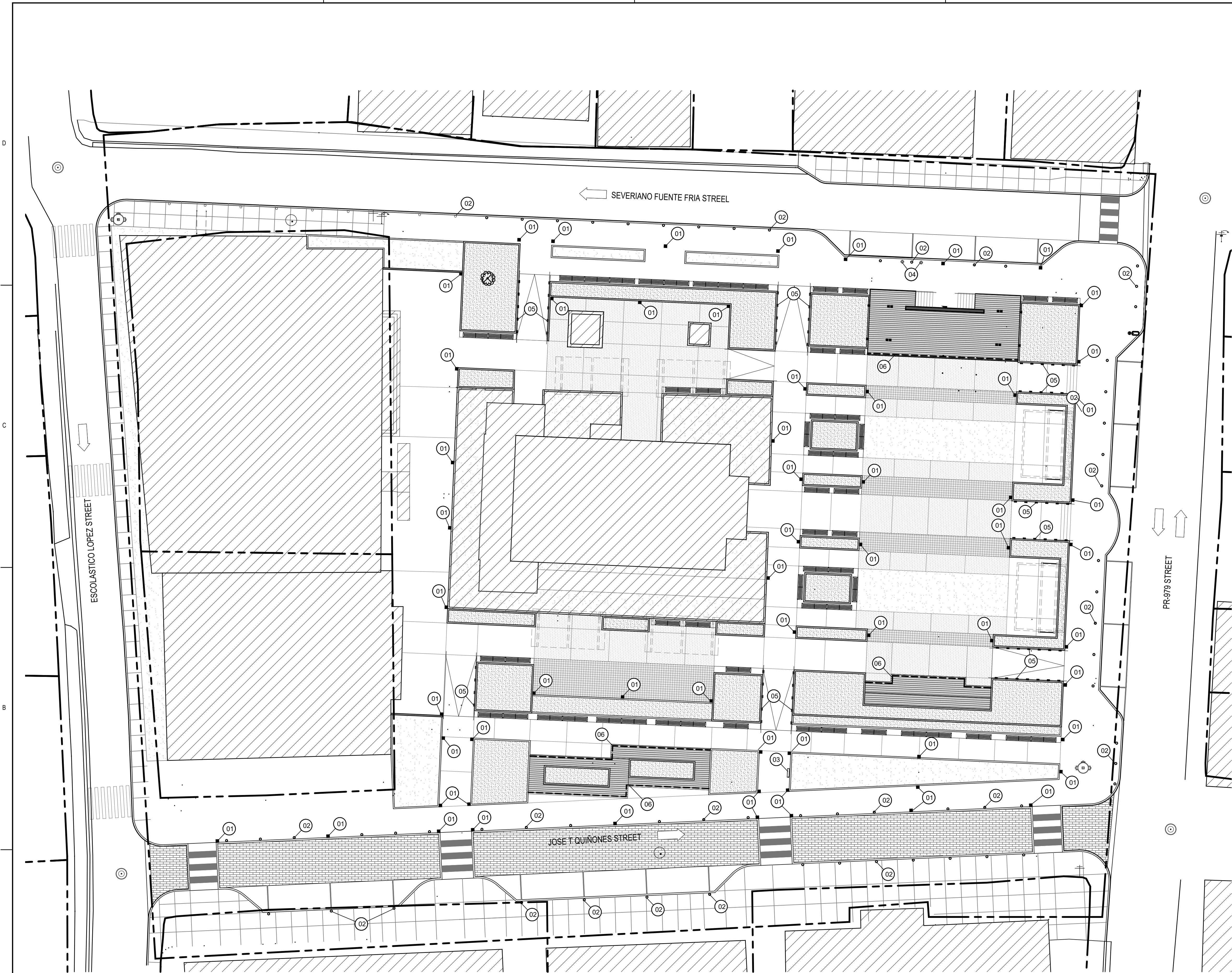
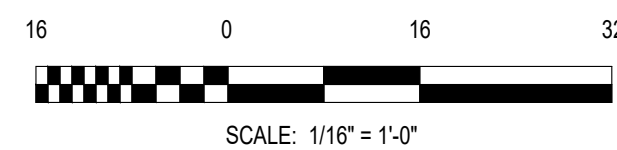


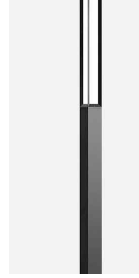
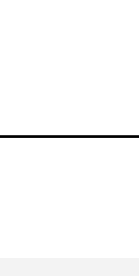
7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS104.dwg

A1

OVERALL ARCHITECTURAL SITE PLAN - LIGHTING

SCALE: 1/16"=1'-0"



EXTERIOR ELEMENTS - LIGHTING					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		PEDESTRIAN LIGHTING DIMENSIONS: H: 4.20M	BEGA	84 875	MONOCRYSTALLINE SOLAR MODULE EFFICIENCY: 22% LED- UP TO 50W LED EFFICIENCY: UP TO 200 LM / W POLE HEIGHT: 4.20MLED HEIGHT: 4.10M MATERIAL: MONOCRYSTALLINE COLOR: DARK GREY EQUAL OR SIMILAR
02		BOLLARDS PEDESTRIAN LIGHTING BOLLARDS	BEGA	84 666	BOLLARD LED OUTDOOR STELLA 7W EQ. 80W IP44 MATERIAL: CAST ALUMINUM COLOR: DARK GREY 7W EQUAL OR SIMILAR
03		URANUS OUTDOOR ADVERTISING BILLBOARD DIMENSIONS: H: 2.70M	URANUS	TO BE DETERMINED	SOLAR PERFORMANCE: 315 WP / MONOCRYSTALLINE SOLAR MODULE EFFICIENCY: 22% BATTERY: LIFEPA 96 AH 1152 W MATERIAL: CAST ALUMINUM COLOR: TOASTED SAND OR EQ. EQUAL OR SIMILAR
04		ELECTRIC CAR CHARGER ROUGH IN			*REFER TO ELECTRICAL PLANS
05		STEP LIGHTS RAMP AND STAIRCASE LIGHTING	BEGA	33 064	REFER TO CALLOUT FOR MORE DETAILS DIE-CAST ALUMINUM MARINE GRADE, COPPER FREE (90.3% COPPER CONTENT) A360.0 ALUMINUM ALLOY CLEAR SAFETY GLASS EQUAL OR SIMILAR
06		COVE LIGHTS	TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.



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SEAL

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
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E	100% CD - REVISIONS	03.15.2023

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REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

SHEET TITLE

ARCHITECTURAL SITE PLAN - LIGHTING

SHEET ID

AS104

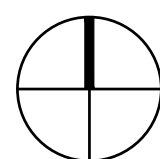
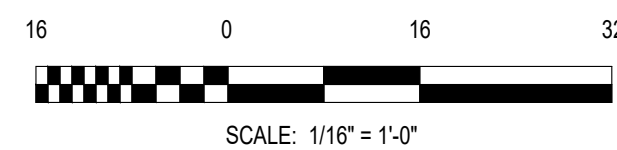
CONSTRUCTION DOCUMENTS

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS106.dwg

A1

ARCHITECTURAL SITE PLAN - TRELLISES, PORTALS, STAGE

SCALE: 1/16"=1'-0"

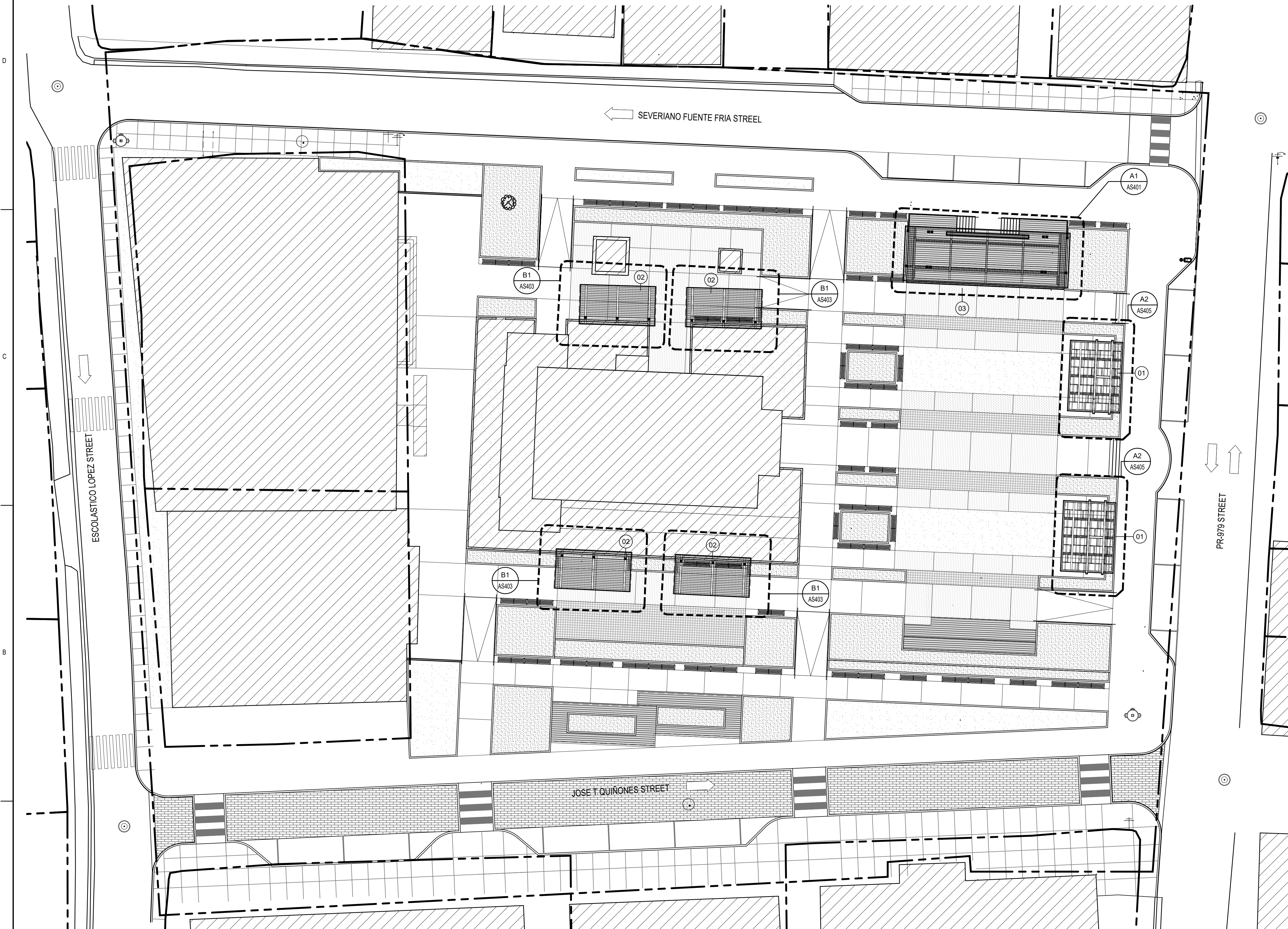


ARCHITECTURAL
SITE PLAN -
TRELLISES,
PORTALS, STAGE

SHEET ID

AS106

CONSTRUCTION DOCUMENTS



EXTERIOR ELEMENTS - TRELLIS

ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		CUSTOM KIOSK TRELLIS PORTAL FRAME	N/A	N/A	MATERIAL: COMPOSITE WOOD ROOF METAL COLOR: COMPOSITE WOOD WITH TINT EQUAL OR SIMILAR TO DUMOR RECYCLED PLASTIC "REDWOOD" METAL: TEXTURED CHARCOAL EQUAL OR SIMILAR
02		CUSTOM OPEN AIR ROOF SYSTEM	N/A	N/A	MATERIAL: COMPOSITE WOOD ROOF METAL COLOR: COMPOSITE WOOD WITH TINT EQUAL OR SIMILAR TO DUMOR RECYCLED PLASTIC "REDWOOD" METAL: TEXTURED CHARCOAL EQUAL OR SIMILAR
03		CUSTOM OPEN AIR STAGE ROOF SYSTEM	N/A	N/A	MATERIAL: COMPOSITE WOOD ROOF METAL COLOR: COMPOSITE WOOD WITH TINT EQUAL OR SIMILAR TO DUMOR RECYCLED PLASTIC "REDWOOD" METAL: TEXTURED CHARCOAL EQUAL OR SIMILAR



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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
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DATE ISSUED: 03.15.2023

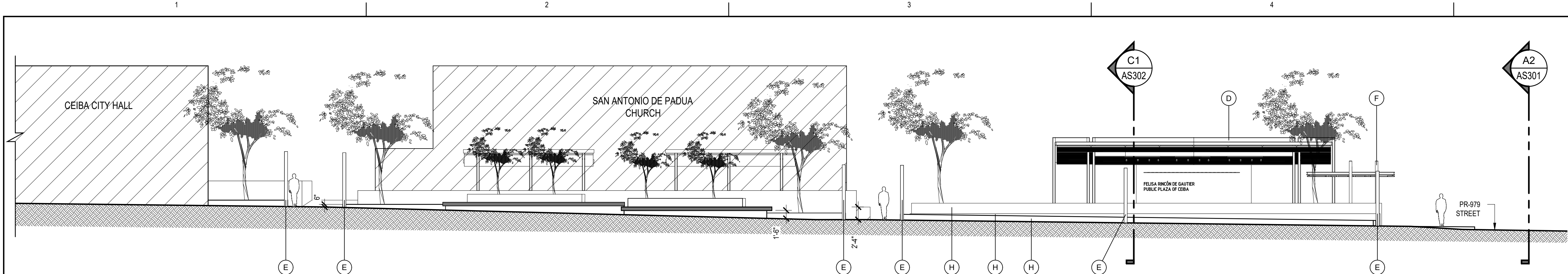
REVIEWED BY: GR

DRAWN BY: JHR

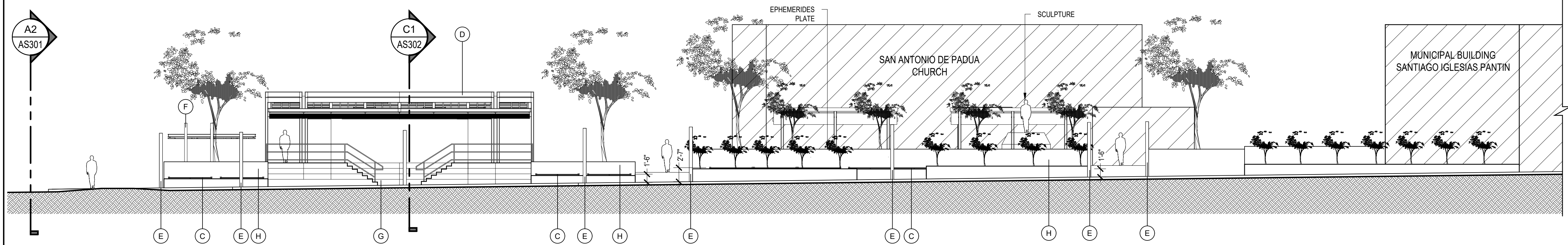
DESIGNED BY: JCR

PROJECT NUMBER: 22019

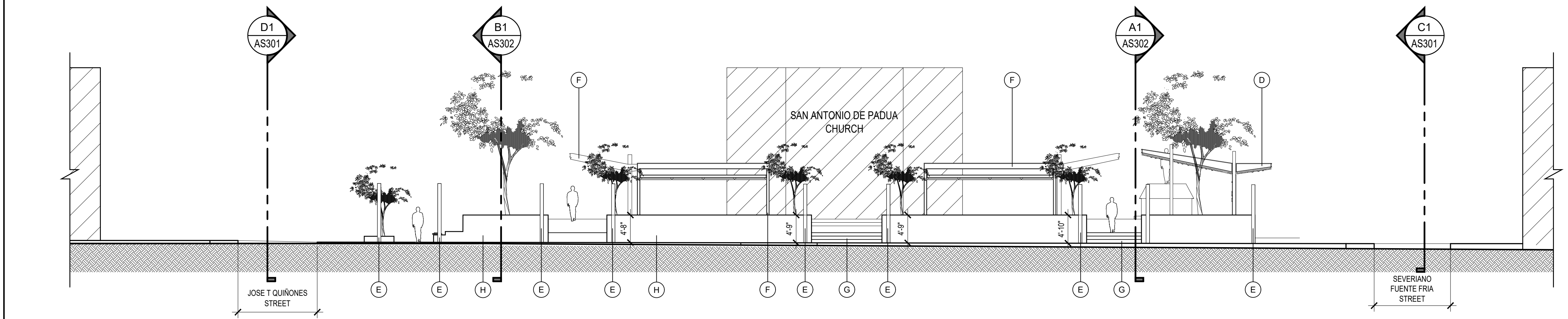
SHEET TITLE



D1 OVERALL SITE ELEVATION - LONGITUDINAL
SCALE: 3/32"=1'-0"



C1 OVERALL SITE ELEVATION - LONGITUDINAL
SCALE: 3/32"=1'-0"



A2 OVERALL SITE ELEVATION - TRANSVERSAL
SCALE: 3/32"=1'-0"

LEGEND & SHEET NOTES

GENERAL SHEET NOTES

1. ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.

SHEET KEYNOTES (○)

- C. SITE FURNISHINGS
D. STAGE ROOF
E. PEDESTRIAN LIGHT
F. TRELLIS
G. STEPS
H. RAISED PLANTERS
I. NEW FLOOR FINISHED
J. GREEN AREA

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SEAL

YO, MONIQUE LUISA LOPEZ, LIC. 19182, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTiendo QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, ASÍ COMO REGLAMENTOS Y/O DISPOSICIONES PUBLICAS CON JURISDICCION CERTIFICADO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUENA Y CON LA LEY NÚM. 30 DEL 15 MAYO DE 1998, SEGÚN ENMIENDADA, LEY NÚM. 86 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, SEGÚN APLIQUE, RECONOCIENDO QUE CUALQUIER DECLARACION FALSA O FALSIFICACIONES DE LOS REDES 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 DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPPE.

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
A	30% DESIGN DEVELOPMENT	09.02.2022
B	60% DESIGN DEVELOPMENT	09.23.2022
C	90% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023
REVIEWED BY: GR
DRAWN BY: JHR
DESIGNED BY: JCR
PROJECT NUMBER: 22019

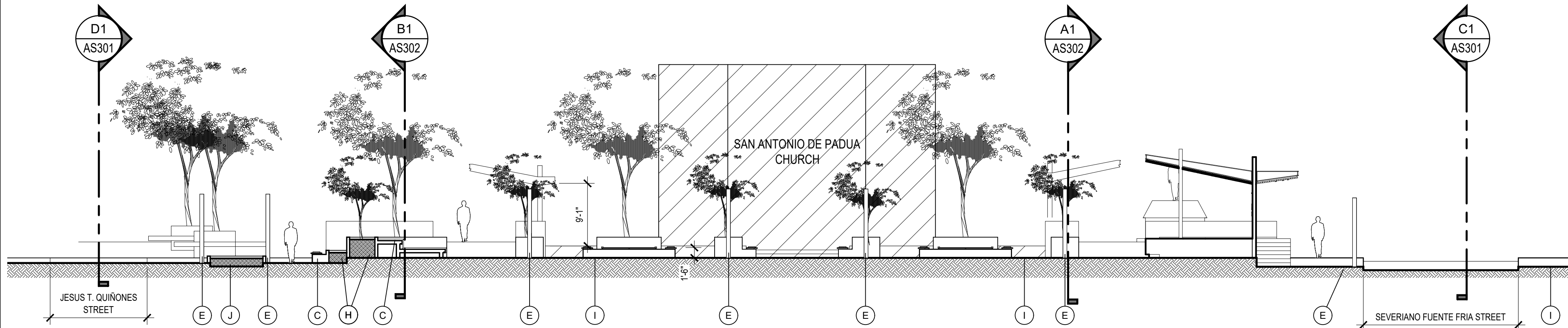
SHEET TITLE

OVERALL SITE ELEVATIONS

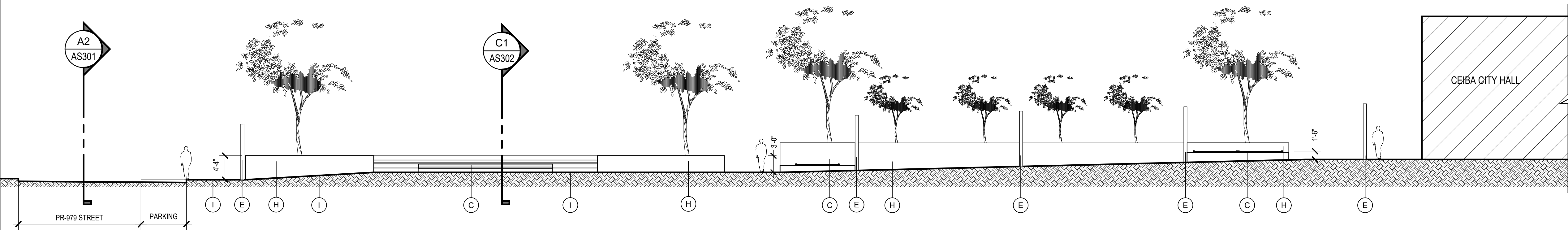
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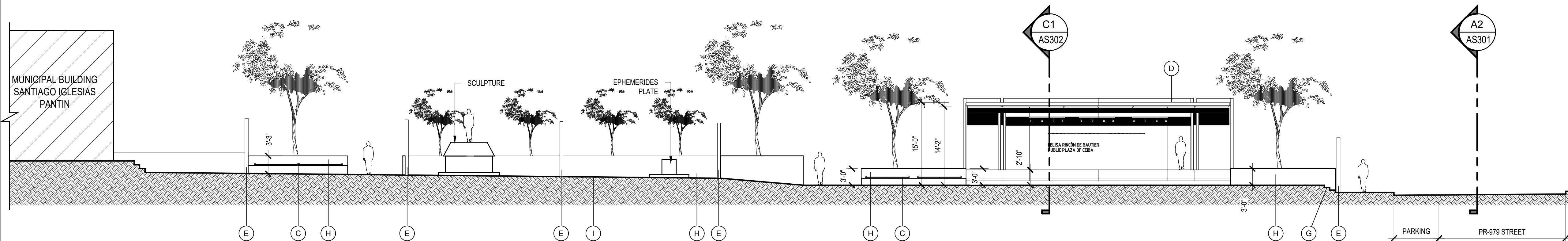
7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\ID\22019-A302.dwg



C1 OVERALL SITE SECTION - TRANSVERSAL
SCALE: 3/32"=1'-0"



B1 OVERALL SITE SECTION - LONGITUDINAL
SCALE: 3/32"=1'-0"



A1 OVERALL SITE SECTION - LONGITUDINAL
SCALE: 3/32"=1'-0"

LEGEND & SHEET NOTES

GENERAL SHEET NOTES

- ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, U.O.N.

SHEET KEYNOTES ()

- C. SITE FURNISHINGS
- D. STAGE ROOF
- E. PEDESTRIAN LIGHT
- F. TRELLIS
- G. STEPS
- H. RAISED PLANTERS
- I. NEW FLOOR FINISHED
- J. GREEN AREA



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SEAL

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

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SHEET TITLE

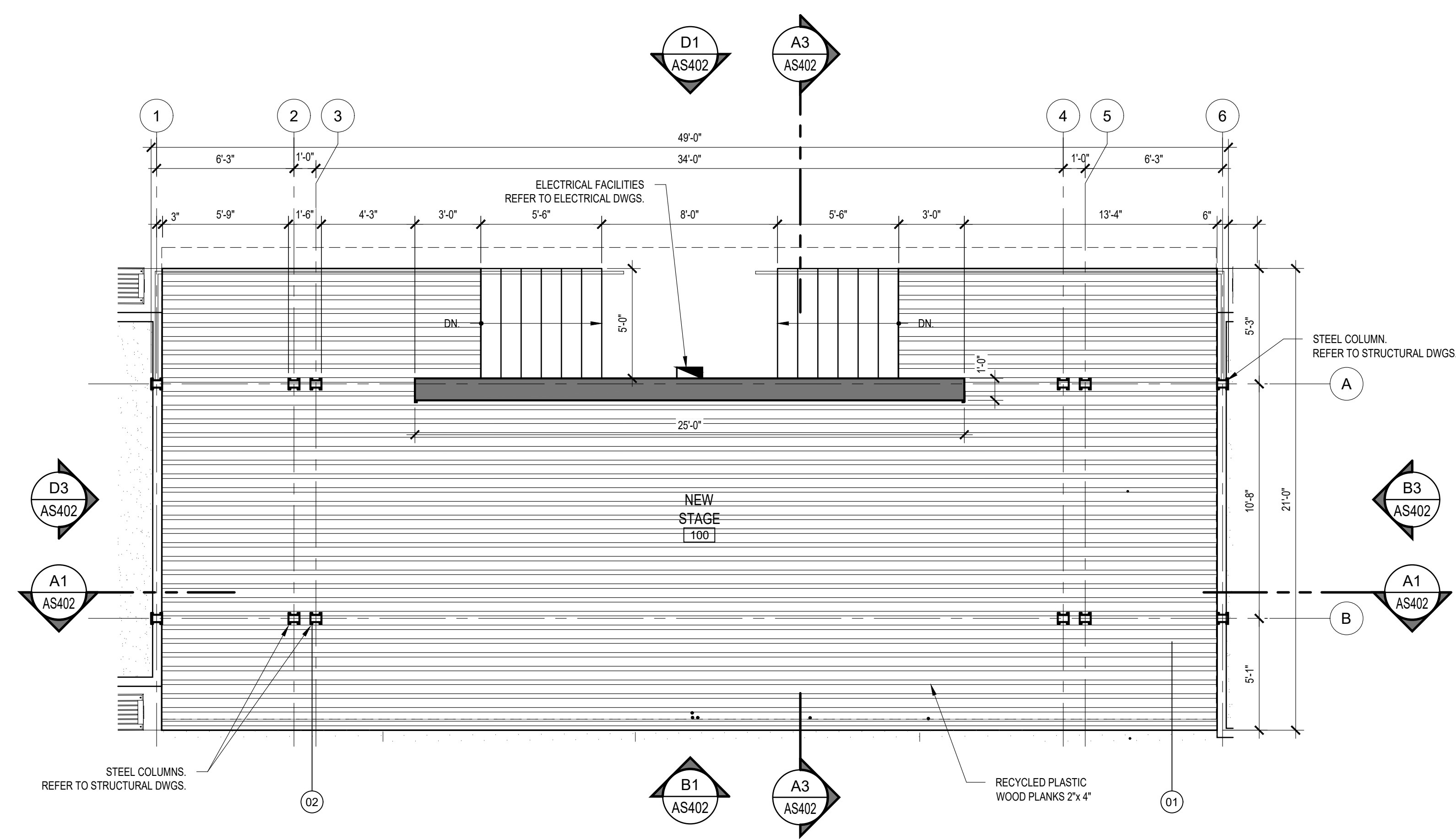
OVERALL SITE
SECTIONS

SHEET ID

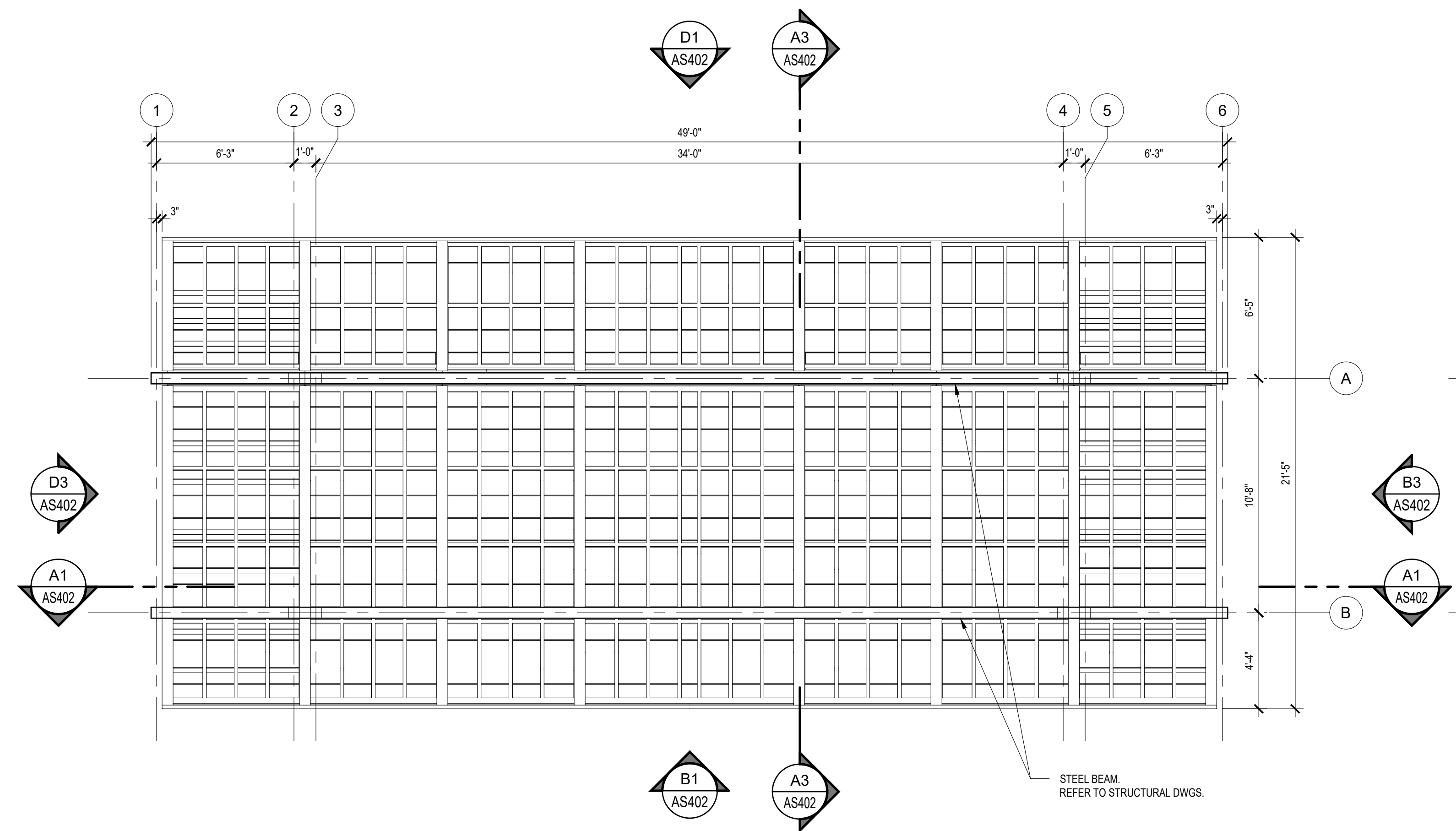
AS302

CONSTRUCTION DOCUMENTS

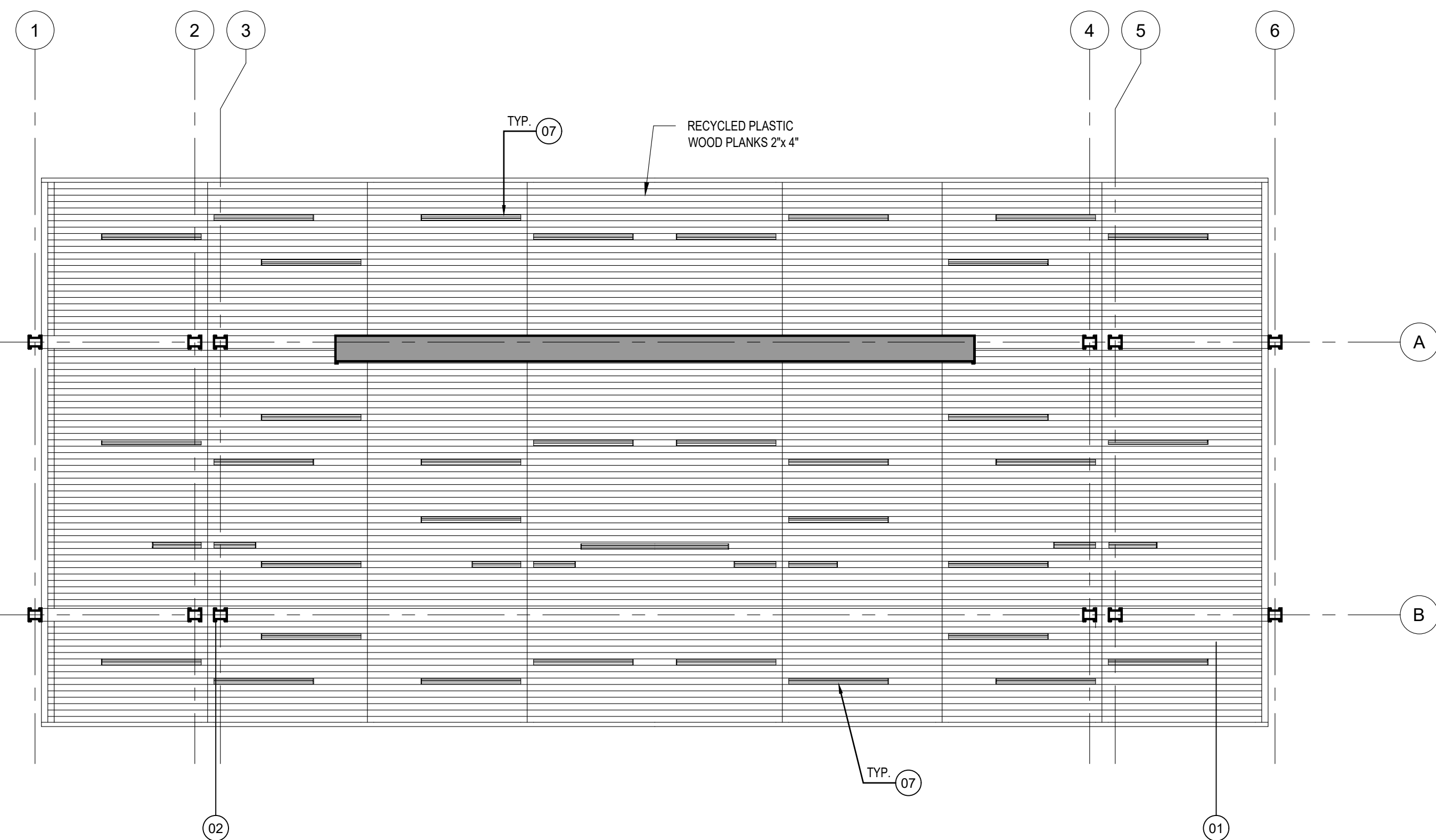
F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS401.dwg 7/8/2020 3:15:46 PM



C1 ENLARGED FLOOR PLAN- STAGE
SCALE: 1/4"=1'-0"



A1 ENLARGED ROOF PLAN- STAGE
SCALE: 1/4"=1'-0"



A3 ENLARGED REFLECTED CEILING PLAN - STAGE
SCALE: 1/4"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
07		LINEAR CEILING LIGHTS	BEGA	24313	LED CEILING MOUNTED DOWNLIGHT - VORTEX REFLECTOR - WIDE BEAM DISTRIBUTION MATERIAL: DIE - CAST MARINE GRADE ALUMINUM COLOR: BLACK EQUAL OR SIMILAR

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.



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SEAL

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
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DATE ISSUED: 03.15.2023

REVIEWED BY: GR

DRAWN BY: JHR

DESIGNED BY: JCR

PROJECT NUMBER: 22019

SHEET TITLE

ENLARGED PLANS STAGE

SHEET ID

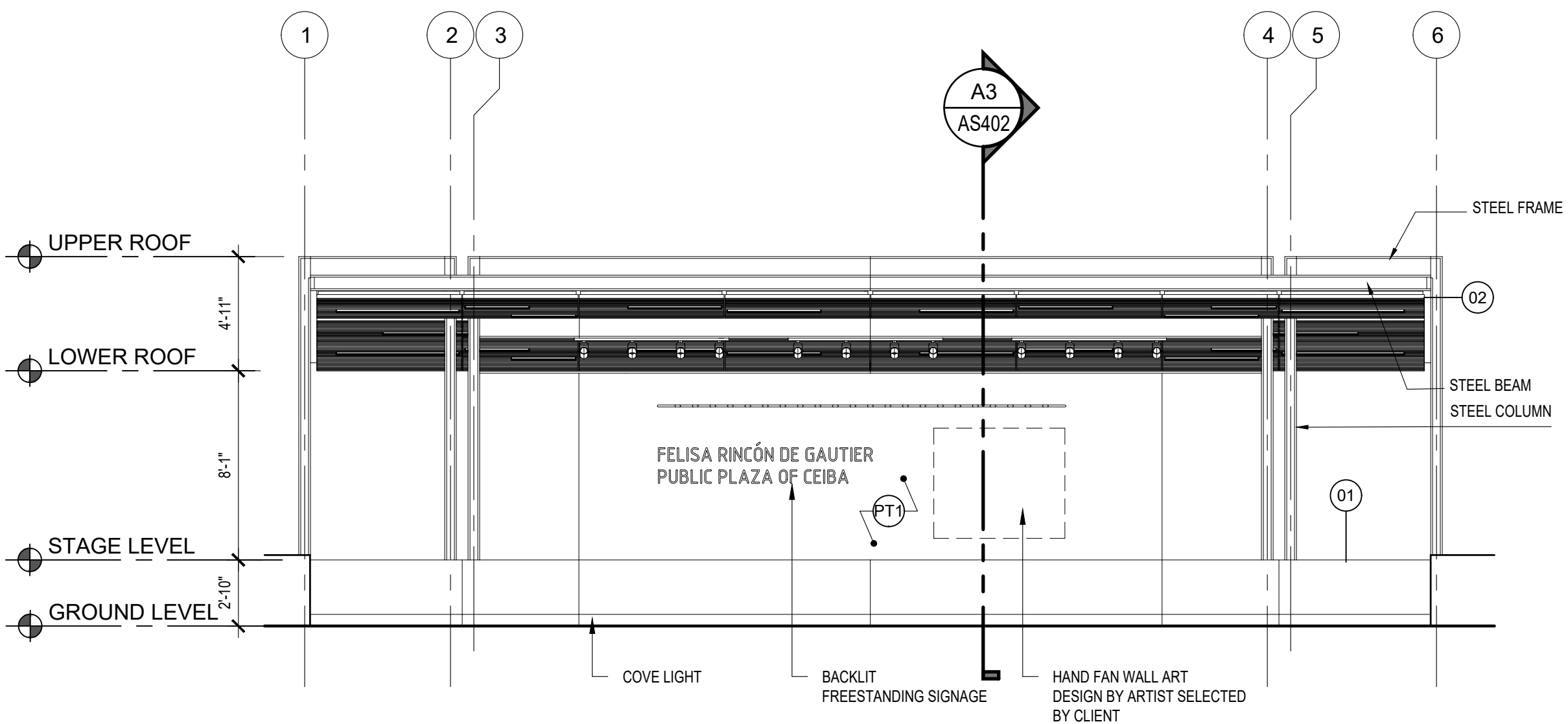
AS401

CONSTRUCTION DOCUMENTS

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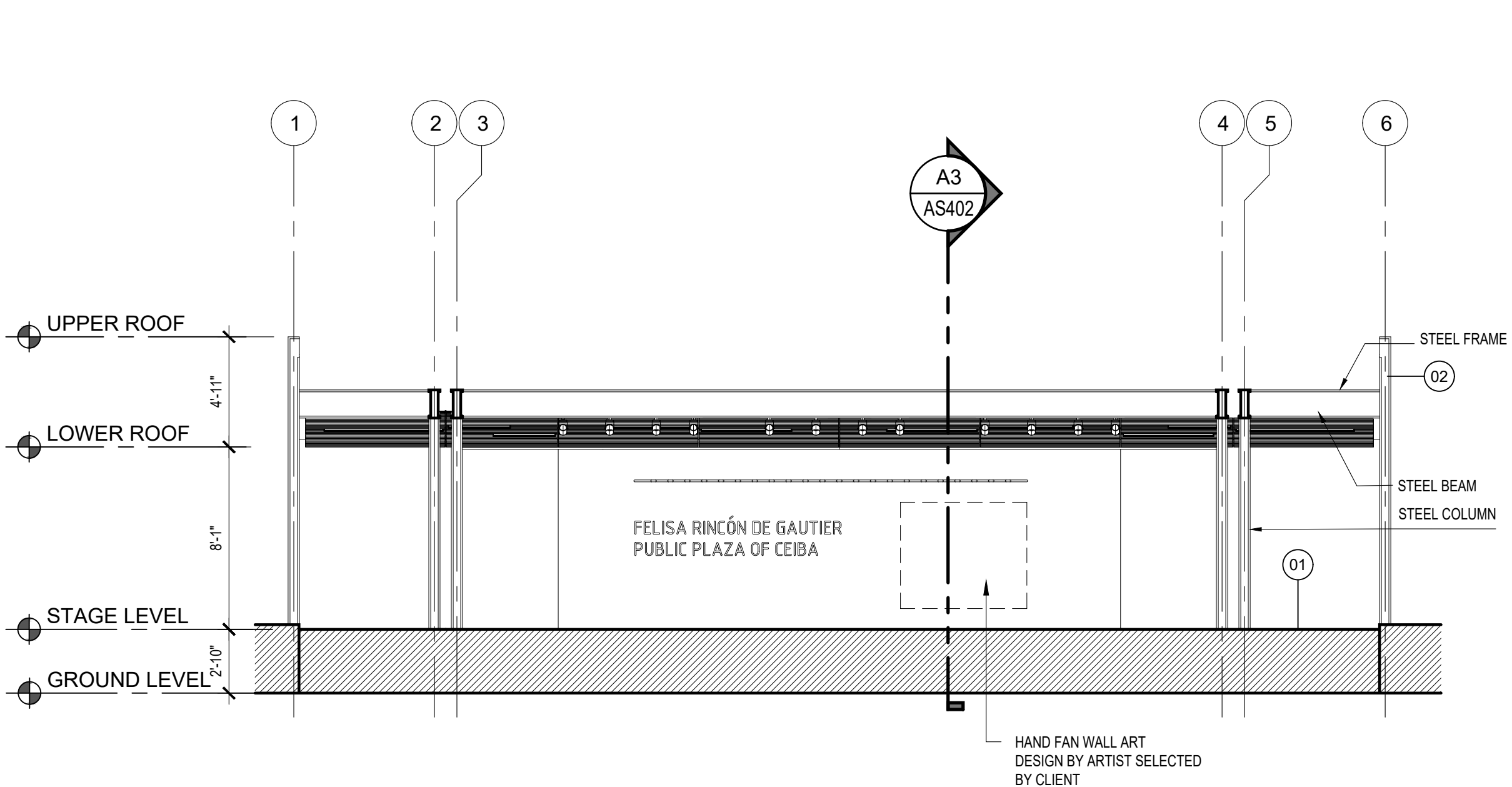
D1 TRELLIS - ENLARGED ELEVATION

SCALE: 3/16"=1'-0"



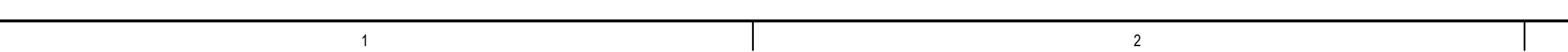
B1 TRELLIS - ENLARGED ELEVATION

SCALE: 3/16"=1'-0"



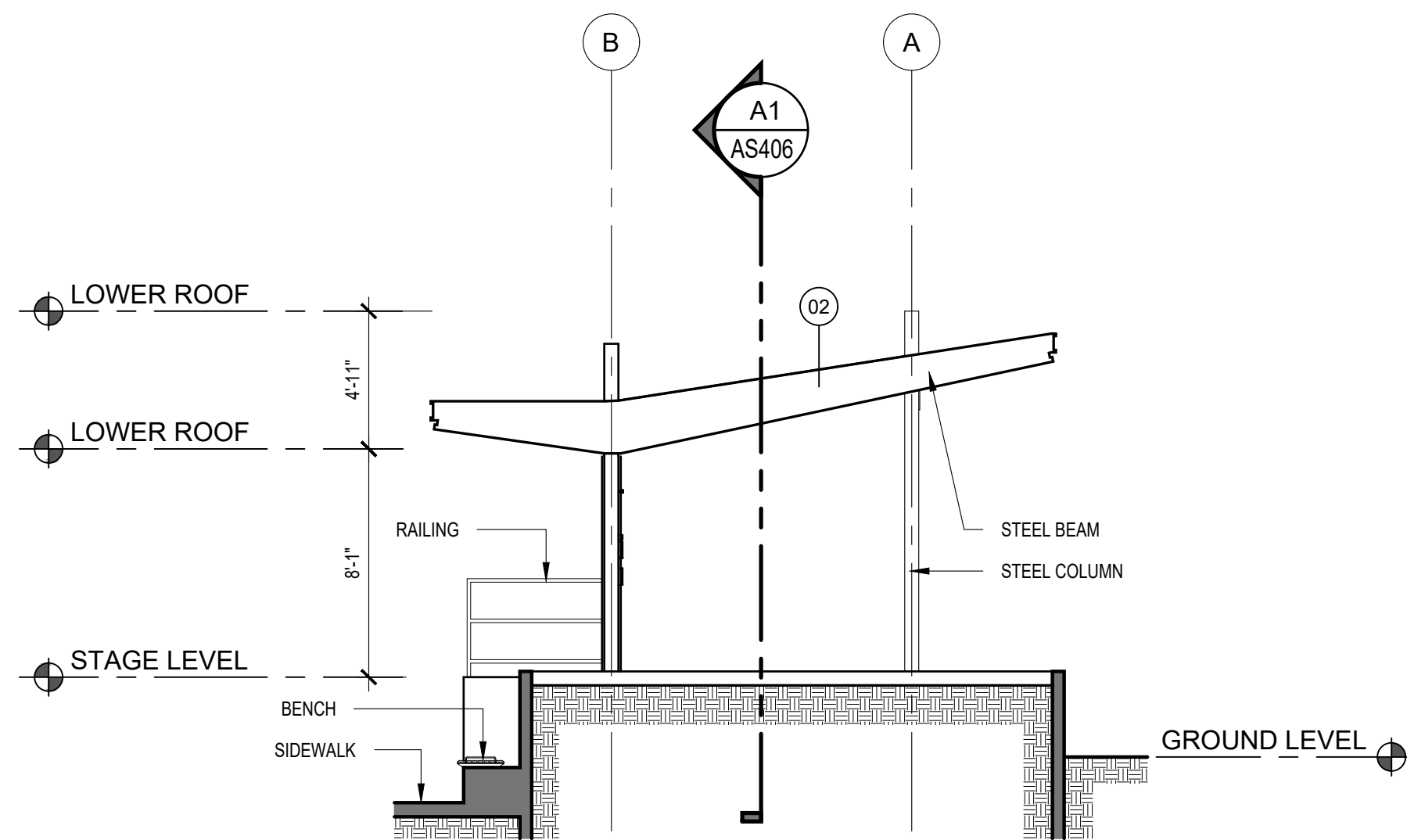
A1 TRELLIS - LONGITUDINAL SECTION

SCALE: 3/16"=1'-0"



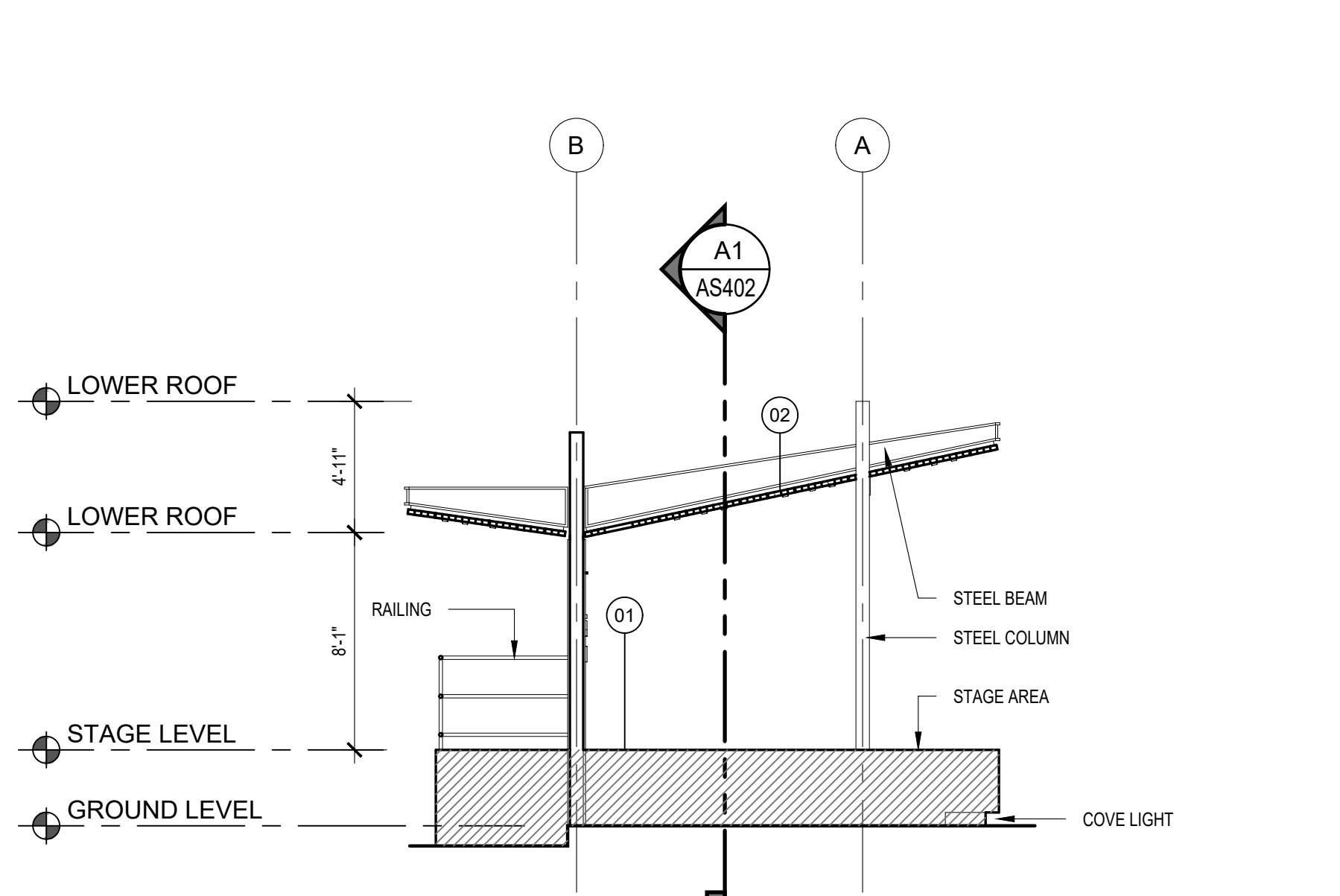
D3 TRELLIS - ELEVATION

SCALE: 3/16"=1'-0"



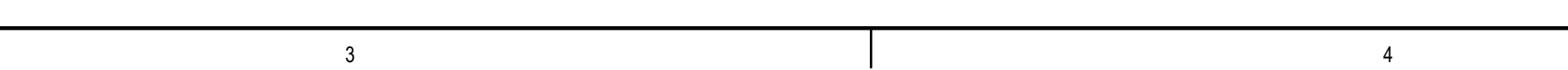
B3 TRELLIS - ELEVATION

SCALE: 3/16"=1'-0"



A3 TRELLIS - TRANSVERSAL SECTION

SCALE: 3/16"=1'-0"



EXTERIOR FINISHES

ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
07		LINEAR CEILING LIGHTS	TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED
PT1		PAINT	SHERWIN WILLIAMS	SW 0023 PEWTER TANKARD	EQUAL OR SIMILAR EXTERIOR EGGSHELL FINISH

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.



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SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCÓN DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
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DATE ISSUED: 03.15.2023
REVIEWED BY: GR
DRAWN BY: JHR
DESIGNED BY: JCR
PROJECT NUMBER: 22019

SHEET TITLE

ENLARGED SECTIONS & ELEVATIONS STAGE

SHEET ID

AS402

OWNER

PROPOSANT

CONSULTANT

SEAL

PROJECT INFORMATION

REVISIONS

DATE ISSUED:

REVIEWED BY:

DRAWN BY:

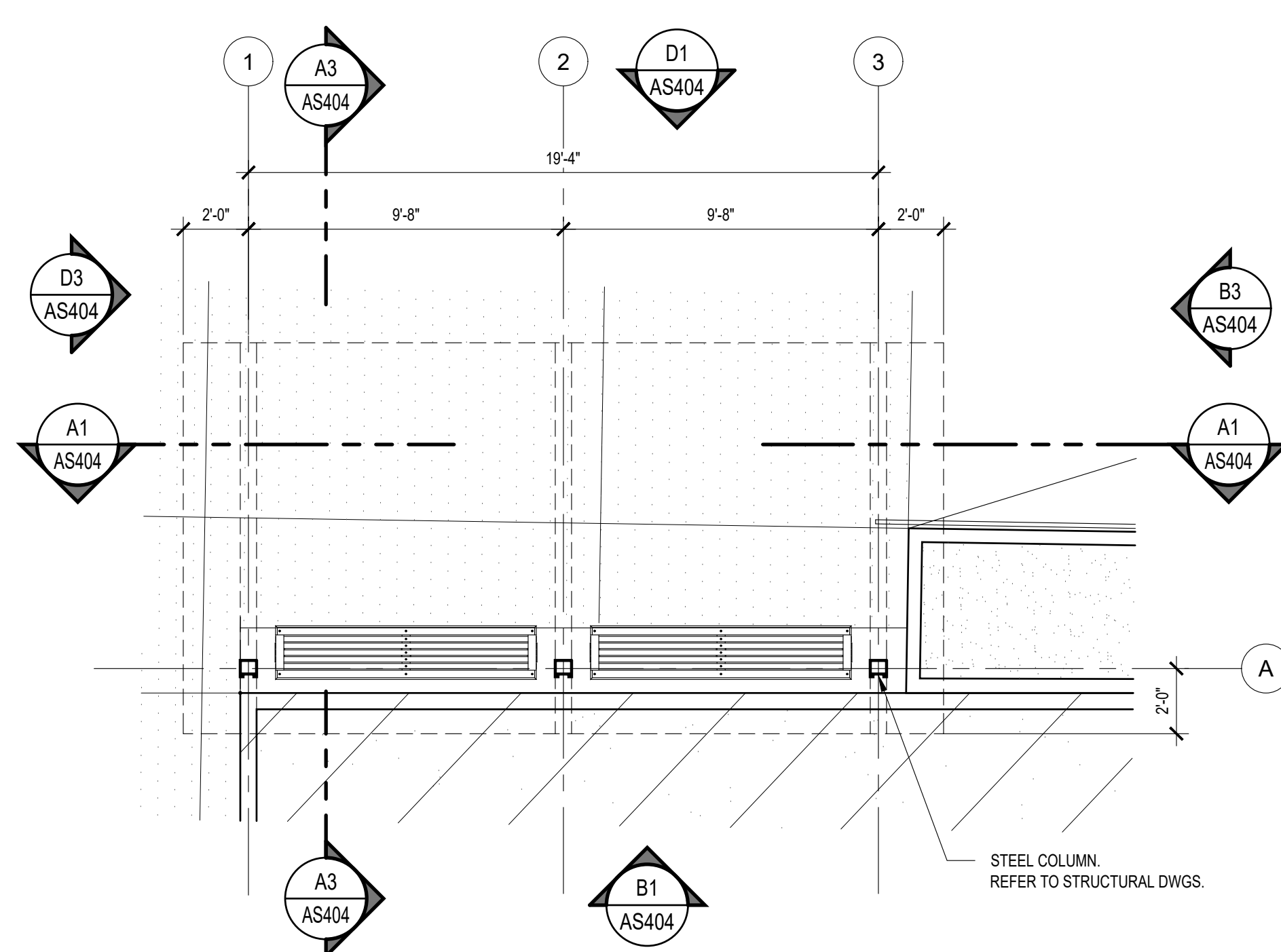
DESIGNED BY:

PROJECT NUMBER:

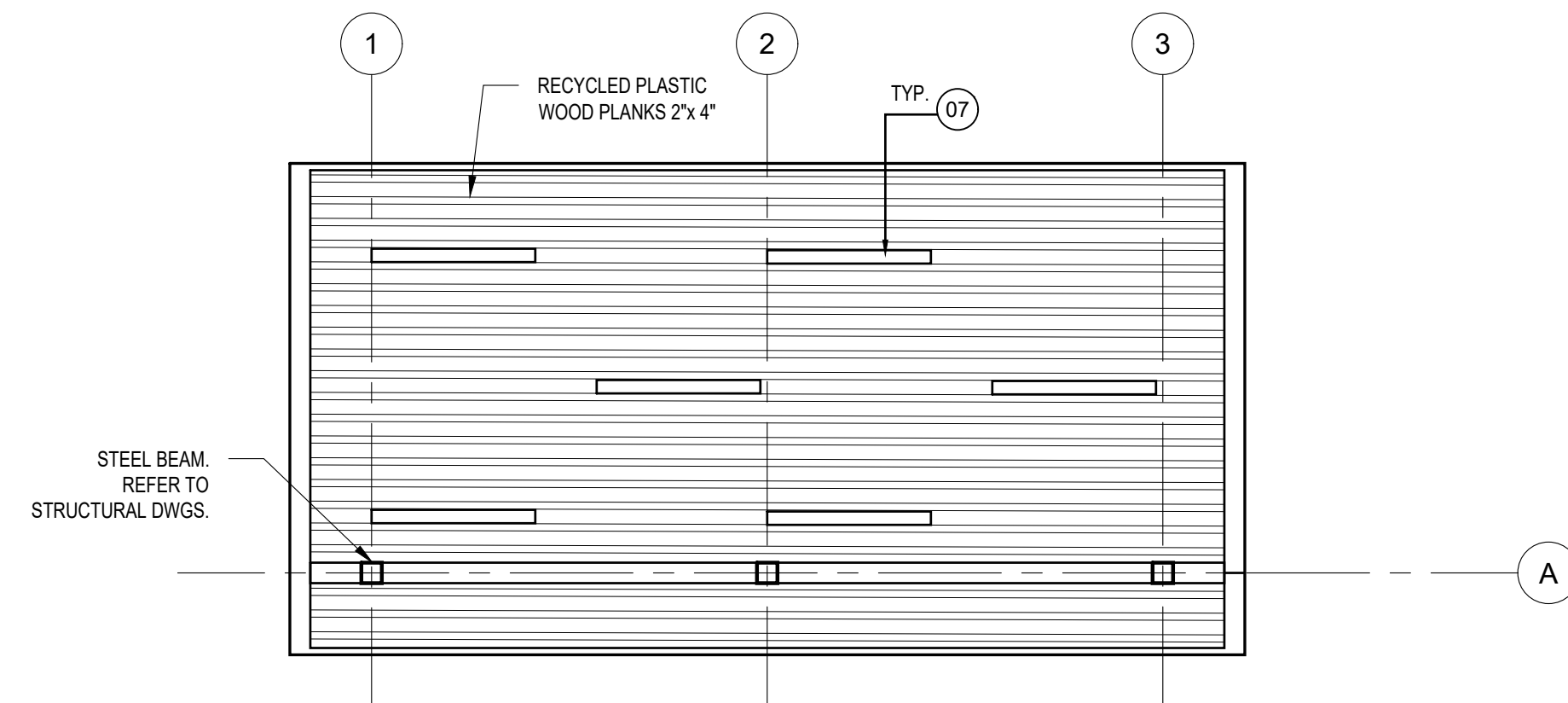
SHEET TITLE

SHEET ID

CONSTRUCTION DOCUMENTS



C3 ENLARGED FLOOR PLAN - TRELLIS WITH BENCH
SCALE: 1/4"=1'-0"



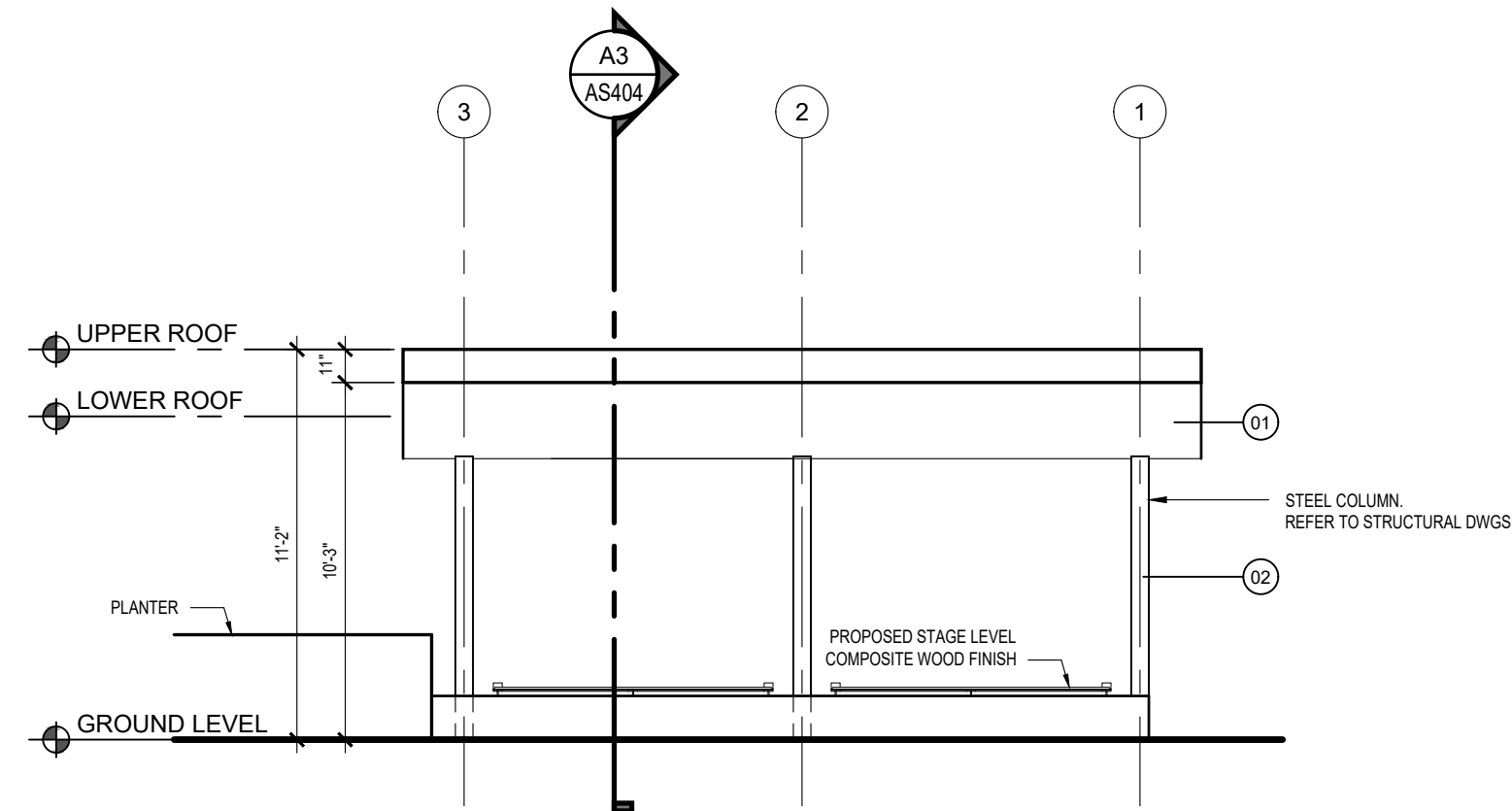
(B3) ENLARGED REFLECTED CEILING PLAN - TRELLIS
SCALE: 1/4"=1'-0"

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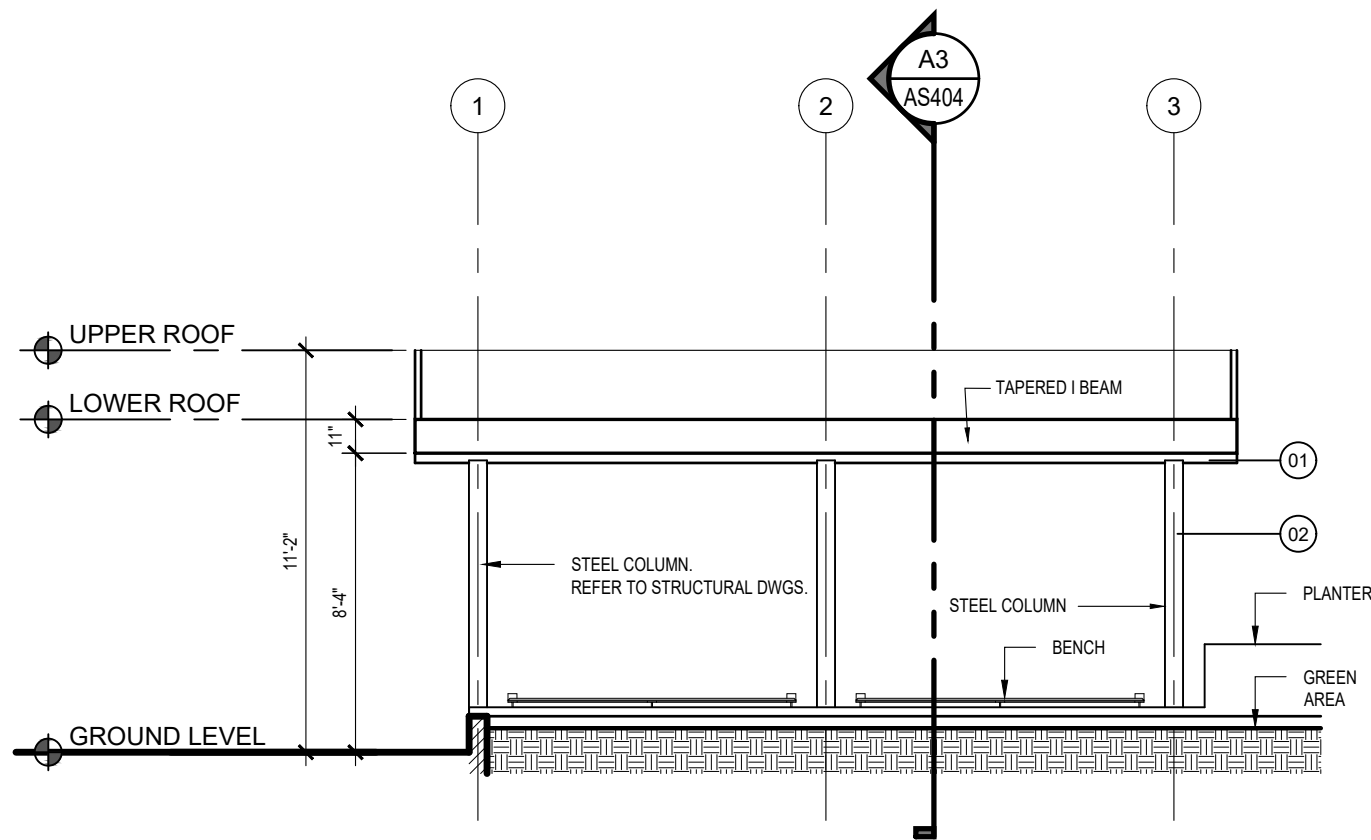
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CONSTRUCTION DOCUMENTS

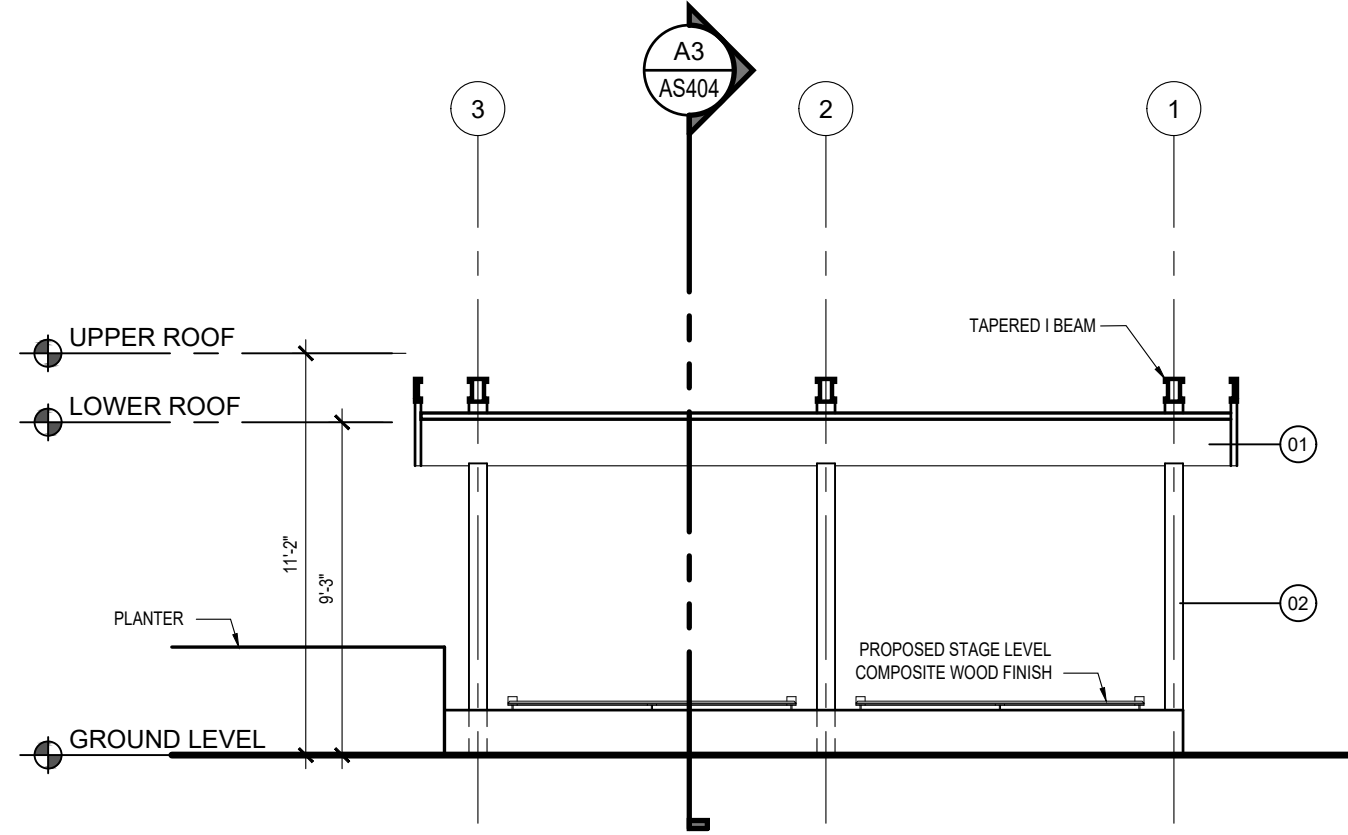
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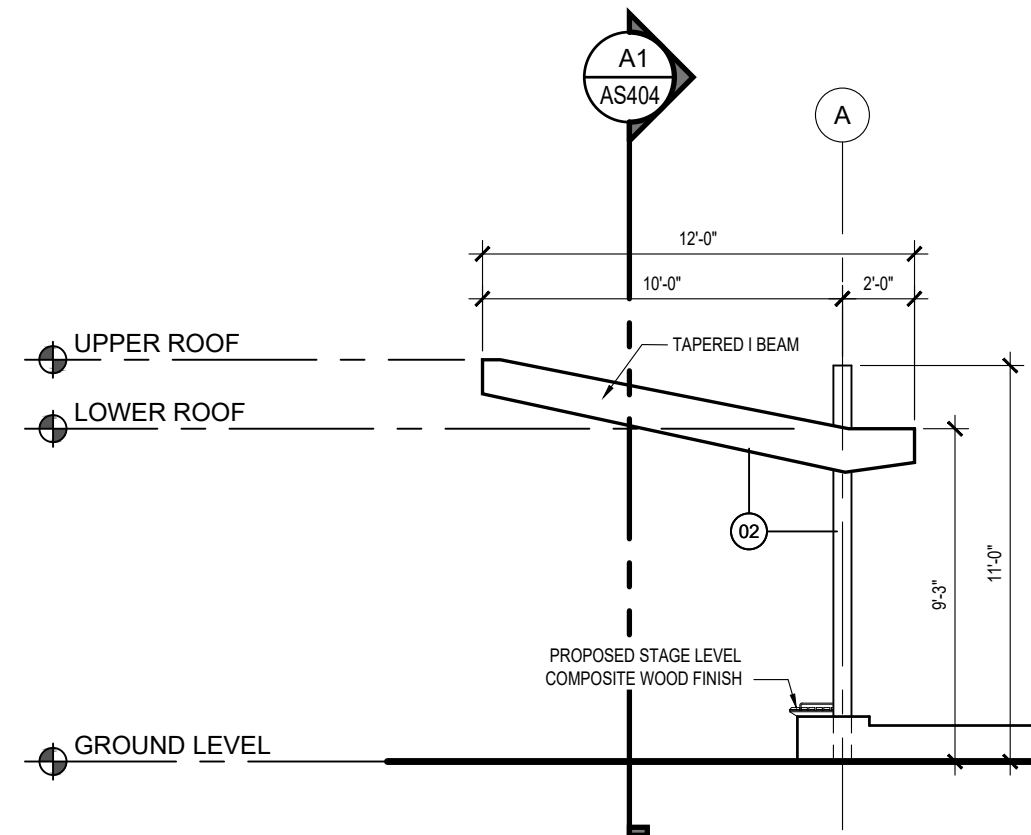
D1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



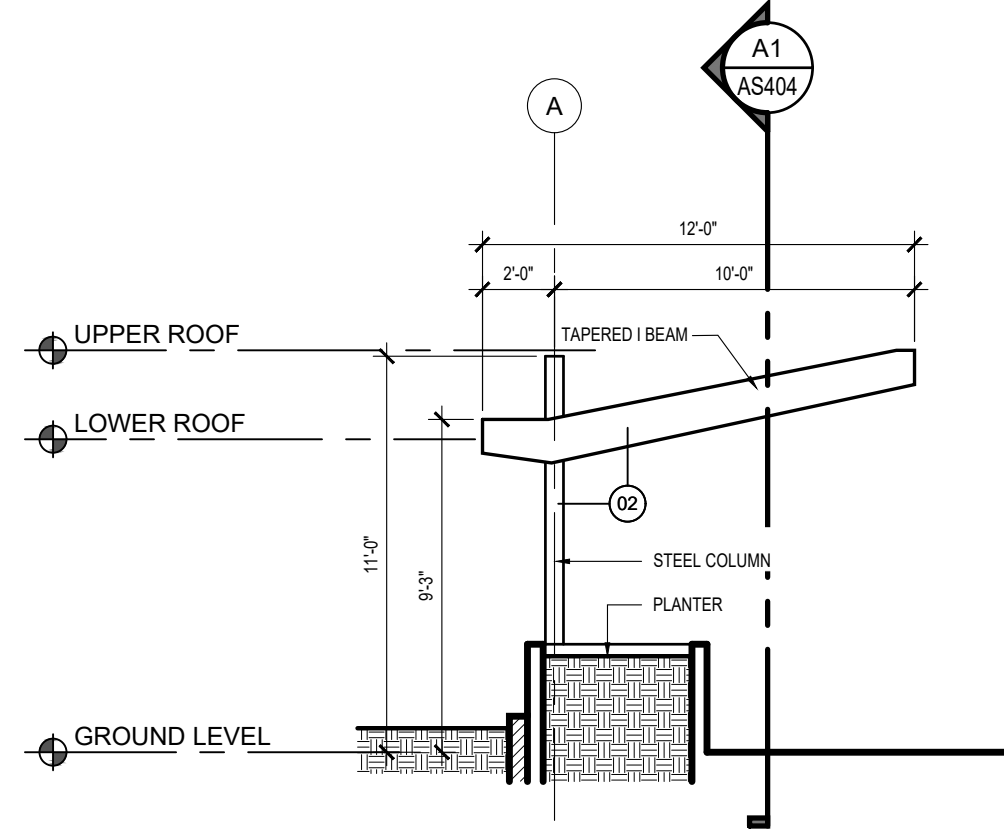
B1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



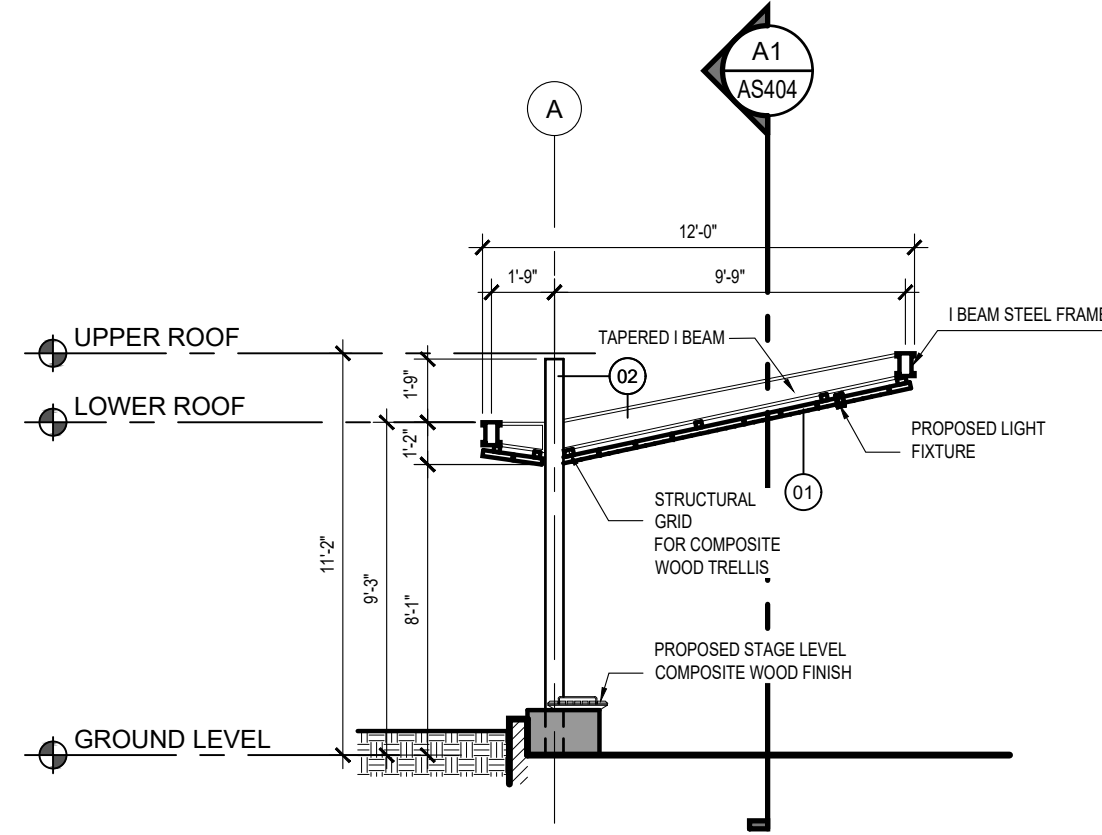
A1 TRELLIS - LONGITUDINAL SECTION
SCALE: 3/16"=1'-0"



D3 TRELLIS - ELEVATION
SCALE: 3/16"=1'-0"



B3 TRELLIS - ELEVATION
SCALE: 3/16"=1'-0"



A3 TRELLIS - TRANSVERSAL SECTION
SCALE: 3/16"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL



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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
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CEIBA, PUERTO RICO

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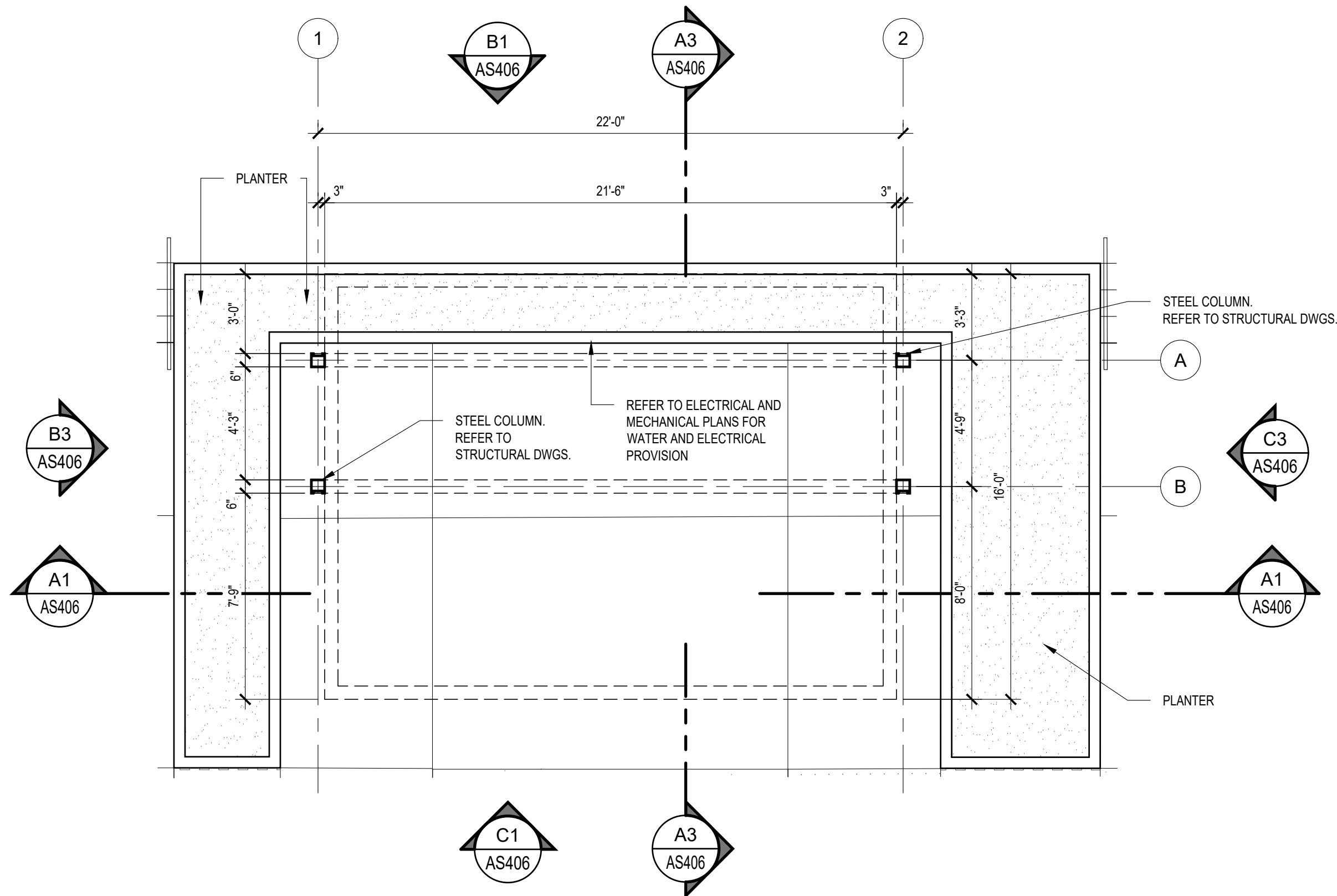
SHEET TITLE

ENLARGED TRELLIS
ELEVATIONS & SECTIONS

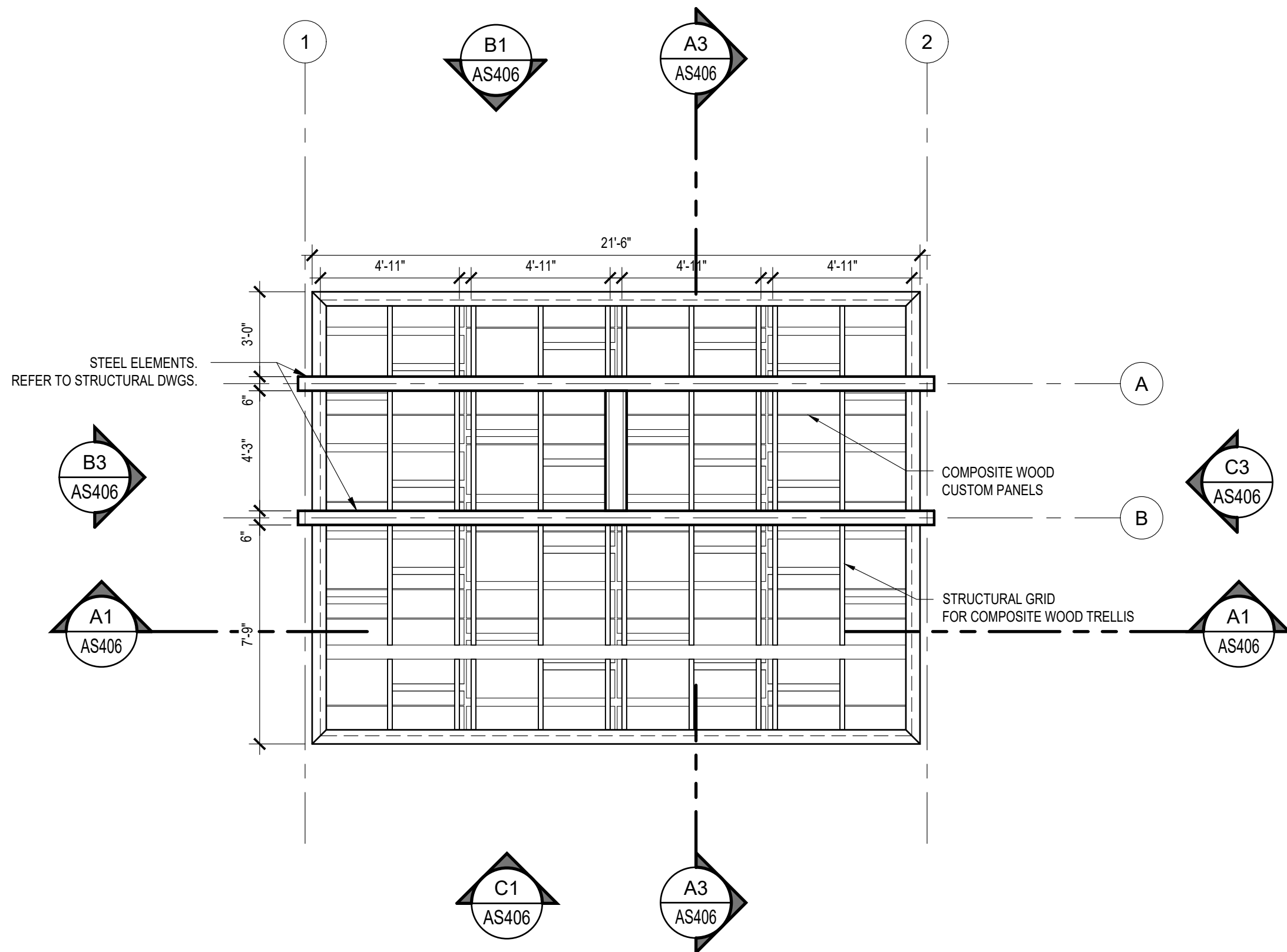
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AS404

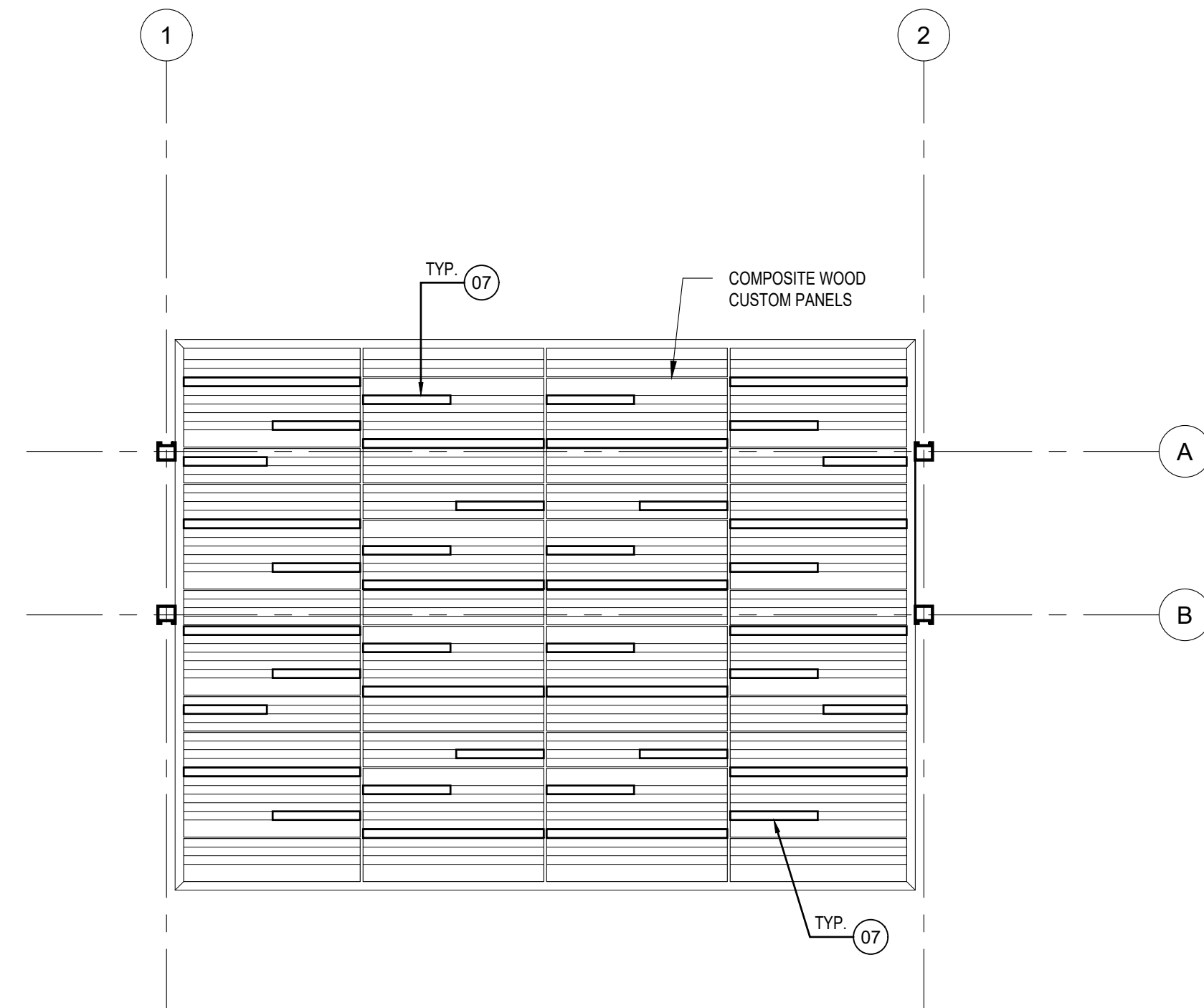
7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS405.dwg



C2 TRELLIS - ENLARGED PLAN
SCALE: 1/4"=1'-0"



A2 TRELLIS - ENLARGED ROOF PLAN
SCALE: 1/4"=1'-0"



A4 TRELLIS - ENLARGED REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL
07		LINEAR CEILING LIGHTS	BEGA	24313	LED CEILING MOUNTED DOWNLIGHT - VORTEX REFLECTOR - WIDE BEAM DISTRIBUTION MATERIAL: DIE - CAST MARINE GRADE ALUMINUM COLOR: BLACK EQUAL OR SIMILAR

NOTE:
1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CONNECTION PLAN AND DETAILS OF POLES, BOLLARDS AND LIGHTING FIXTURE.

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SEAL

YO, MONIQUE LUISO LOPEZ, LIC. 19182, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑO Y/O PREPARÉ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTiendo QUE DICHS 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, ENTES REGULADORAS O CORPORACIONES PÚBLICAS CON JURISDICCION CERTIFICADO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA, PUERTO RIQUEÑA Y CON LA LEY NÚM. 35 DEL 15 MAYO DE 1998, SEGÚN ENMIENDADA, LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, SEGÚN APLIQUE, RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS RECHOS 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 HACER RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPPE.

PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023
REVIEWED BY: GR
DRAWN BY: JHR
DESIGNED BY: JCR
PROJECT NUMBER: 22019

SHEET TITLE

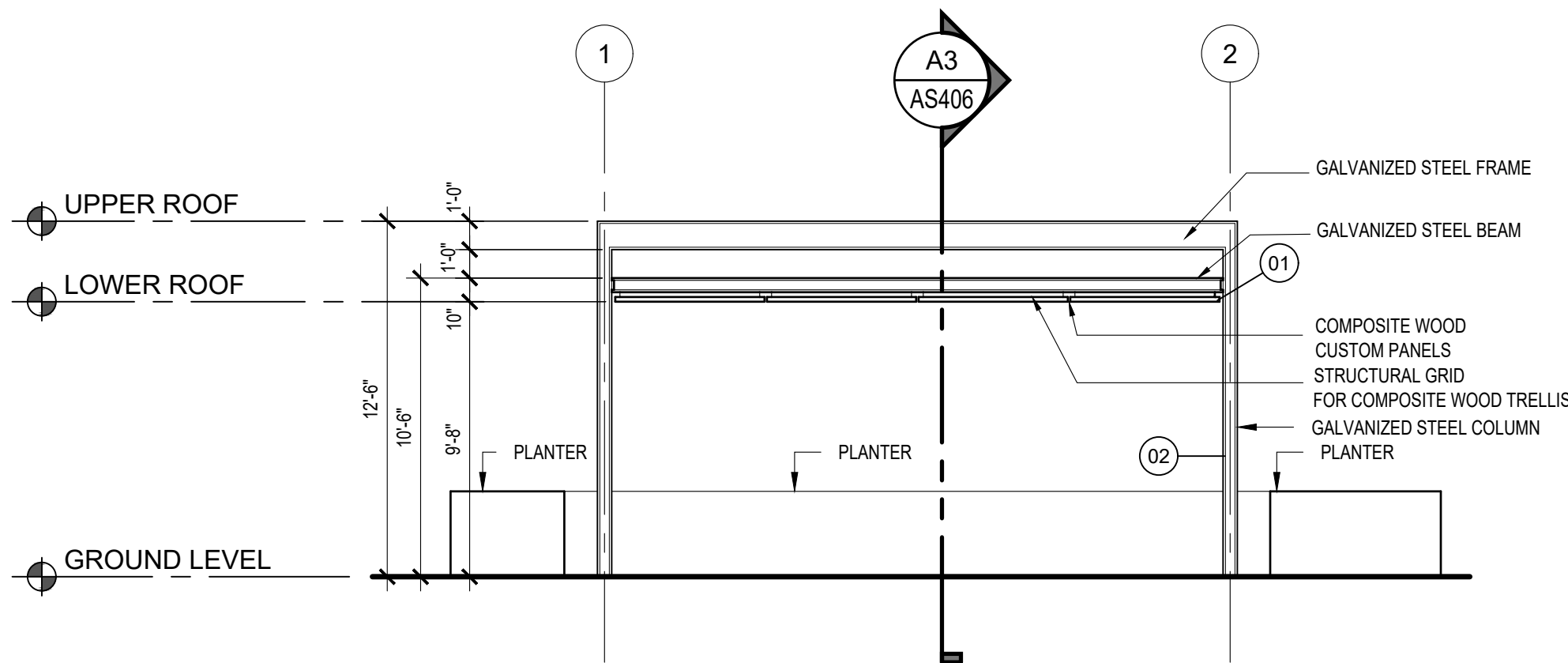
ENLARGED PLAN TRELLIS

SHEET ID

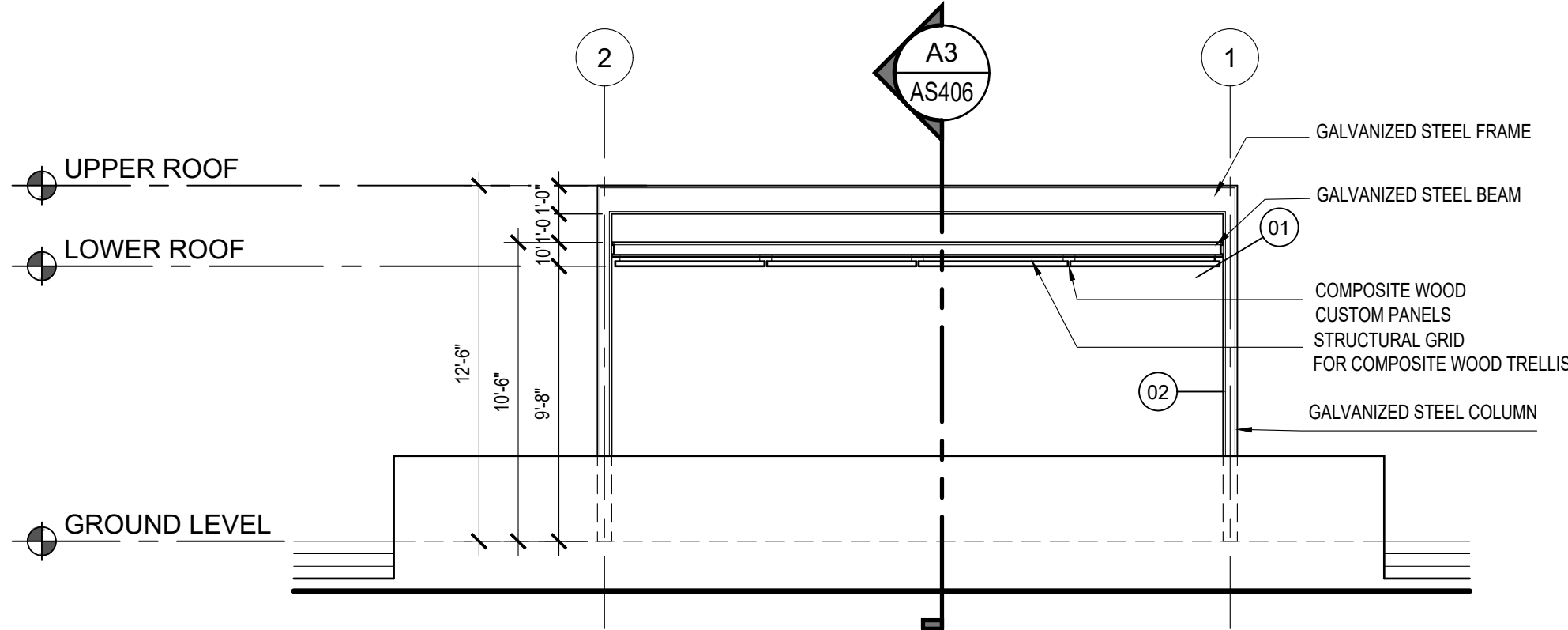
AS405

CONSTRUCTION DOCUMENTS

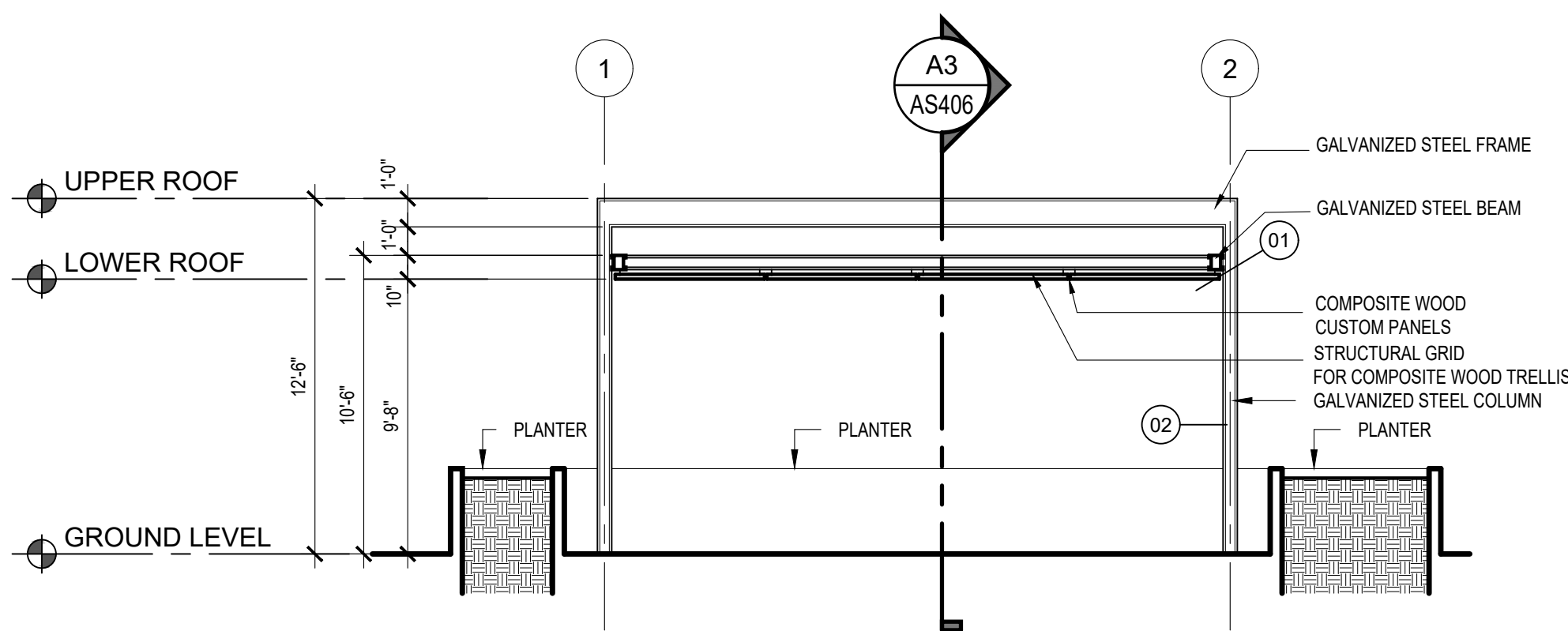
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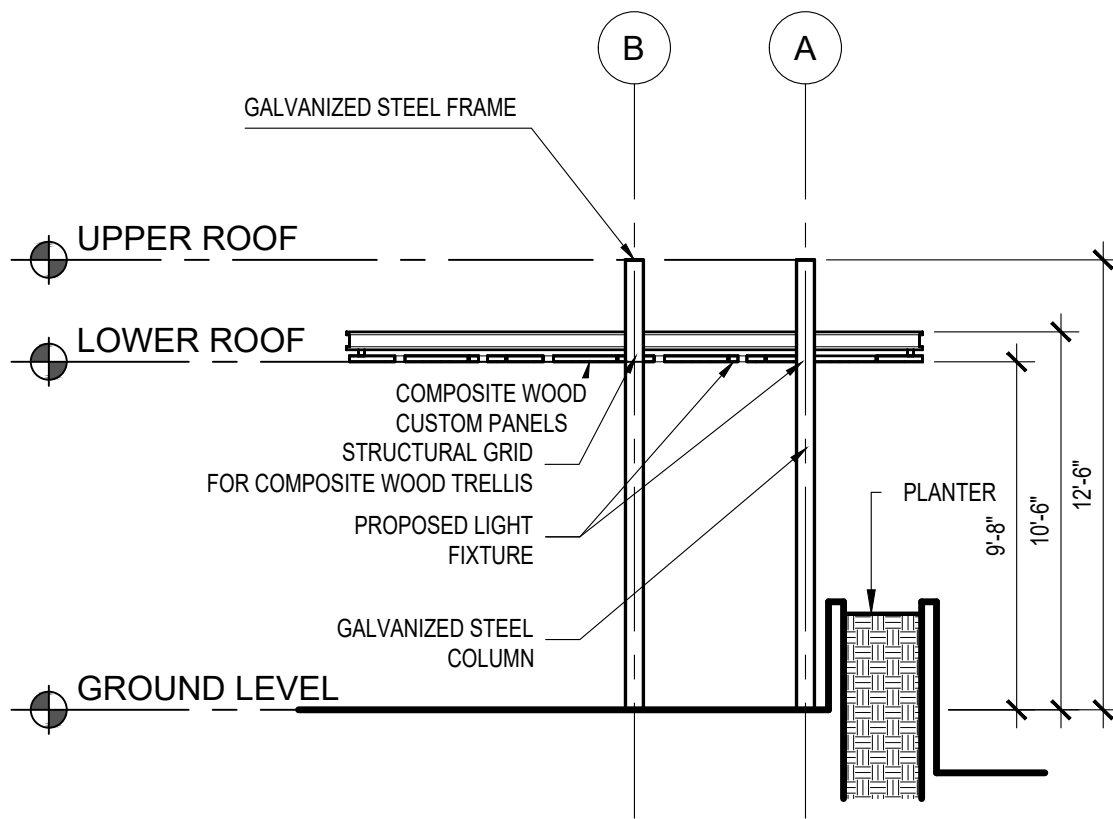
C1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



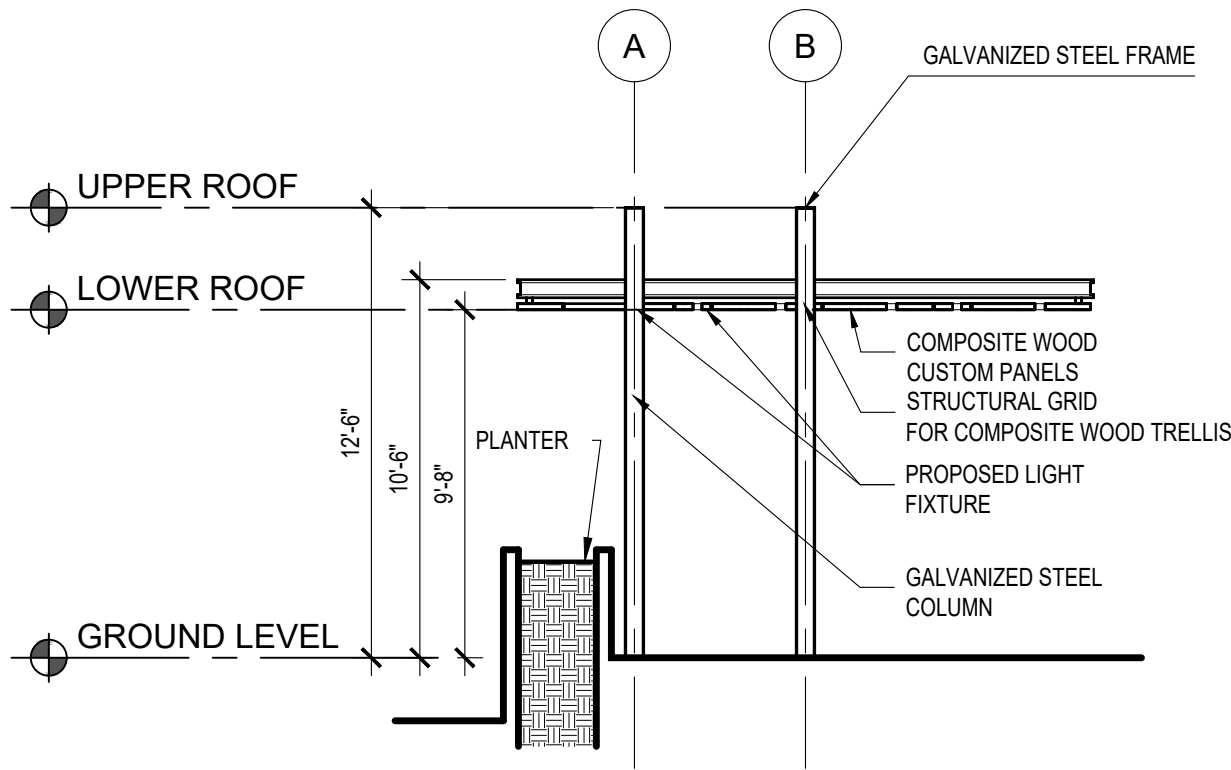
B1 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



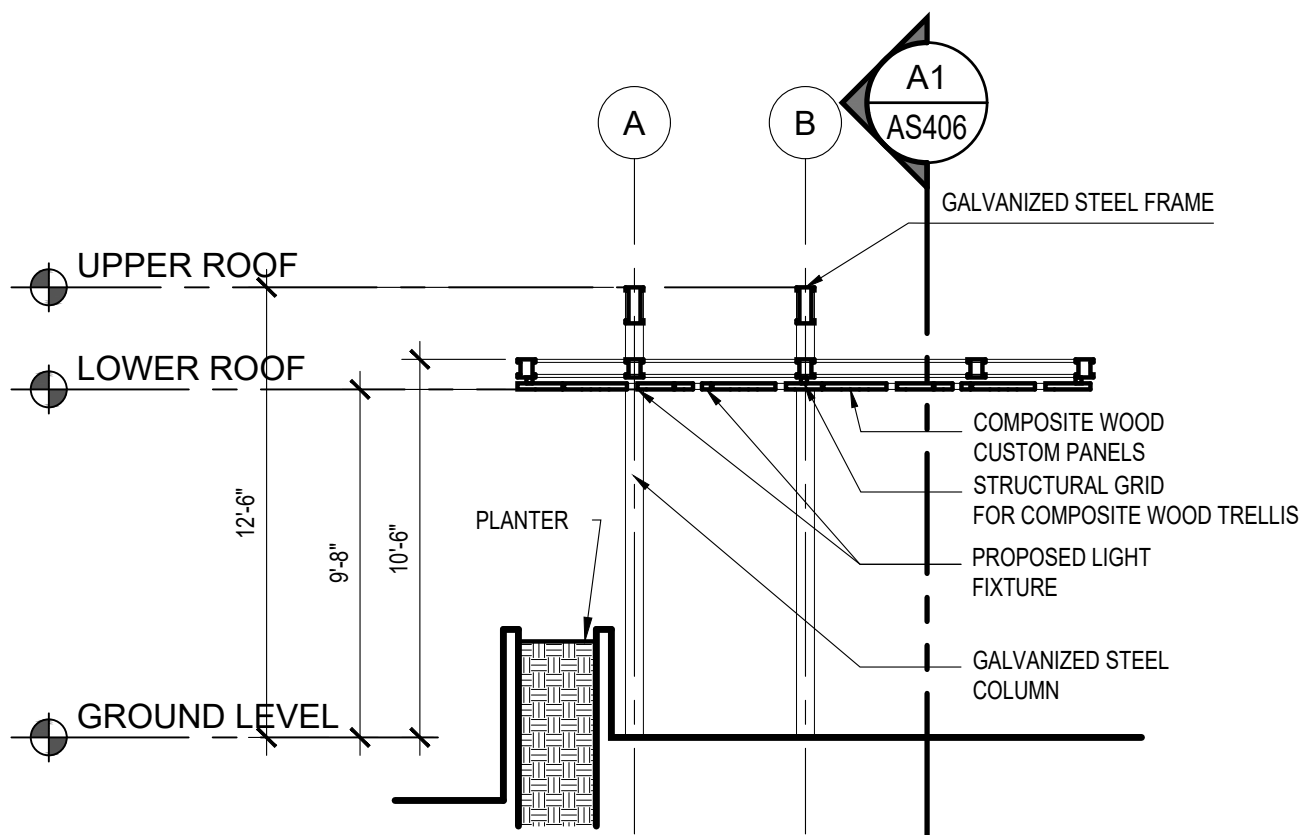
A1 TRELLIS - LONGITUDINAL SECTION
SCALE: 3/16"=1'-0"



C3 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



B3 TRELLIS - ENLARGED ELEVATION
SCALE: 3/16"=1'-0"



A3 TRELLIS - TRANSVERSAL SECTION
SCALE: 3/16"=1'-0"

EXTERIOR FINISHES					
ID	COMPONENTS	DESCRIPTION	VENDOR	MODEL	MATERIAL
01		RECYCLED PLASTIC FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: RECYCLED PLASTIC MATERIAL REDWOOD
02		METAL FINISH	DUMOR	N/A	EQUAL OR SIMILAR TO DUMOR FINISH: METAL BAKED-ON POLYESTER POWDER FINISH TEXTURE CHARCOAL



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SEAL

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PROJECT INFORMATION

REVITALIZATION OF FELISA RINCON
DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
B	60% DESIGN DEVELOPMENT	09.23.2022
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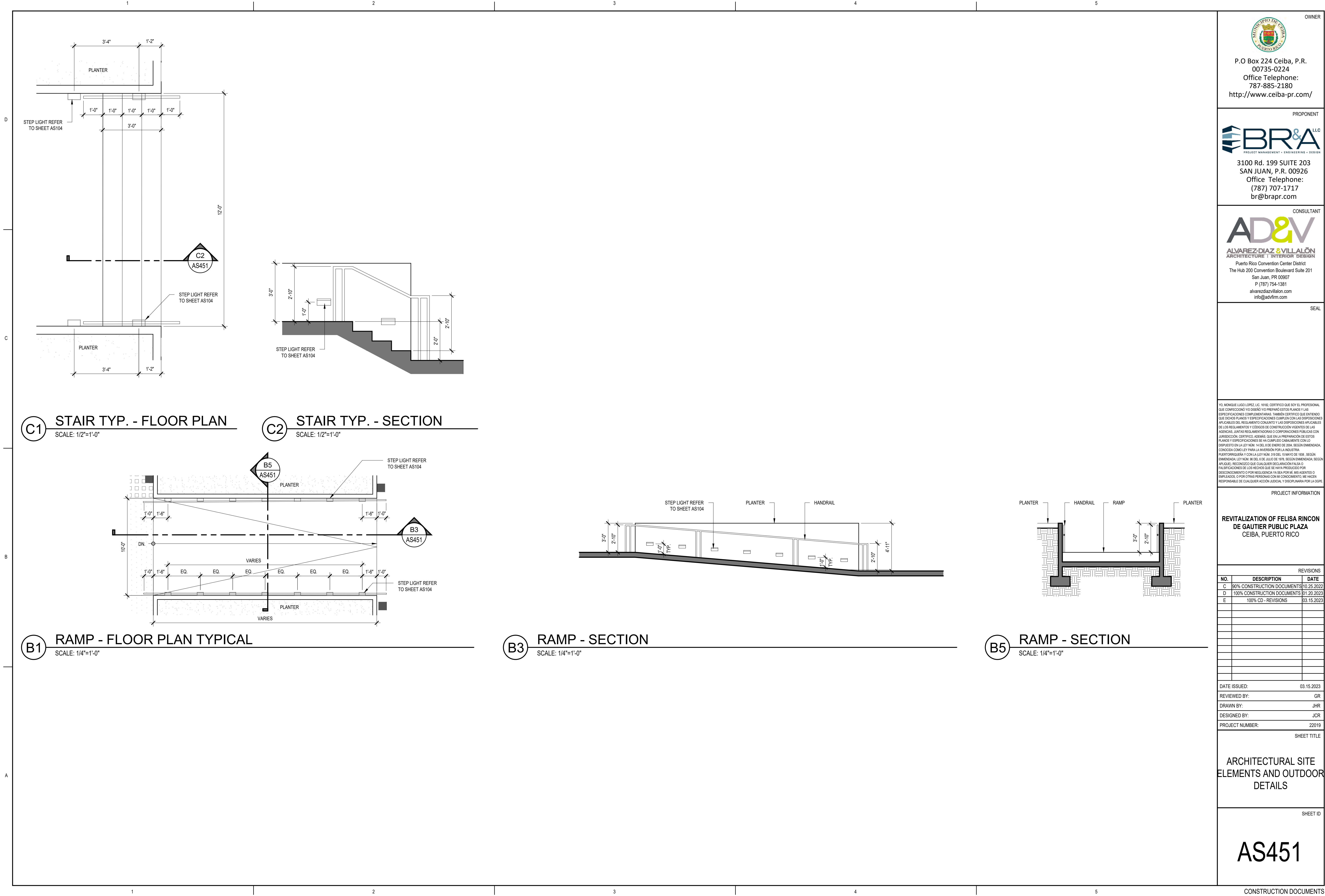
ENLARGED TRELLIS
ELEVATIONS & SECTIONS

SHEET ID

AS406

CONSTRUCTION DOCUMENTS

7/8/2020 3:15:46 PM F:_Projects\22019 (Revitalization of Public Plaza Ceiba)\02 DESIGN\02 Drawings\05 Arch\1D\22019-AS451.dwg




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PROJECT INFORMATION
REVITALIZATION OF FELISA RINCON DE GAUTIER PUBLIC PLAZA
CEIBA, PUERTO RICO

REVISIONS		
NO.	DESCRIPTION	DATE
C	80% CONSTRUCTION DOCUMENTS	10.25.2022
D	100% CONSTRUCTION DOCUMENTS	01.20.2023
E	100% CD - REVISIONS	03.15.2023

DATE ISSUED: 03.15.2023
REVIEWED BY: GR
DRAWN BY: JHR
DESIGNED BY: JCR
PROJECT NUMBER: 22019

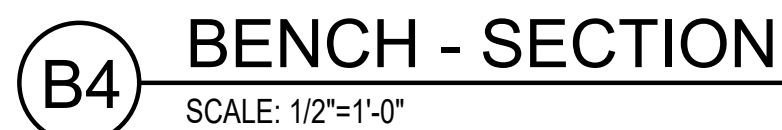
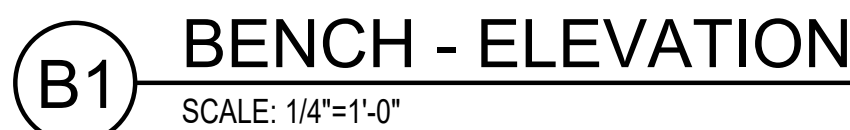
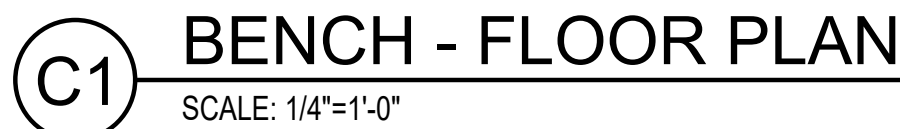
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ARCHITECTURAL SITE ELEMENTS AND OUTDOOR DETAILS

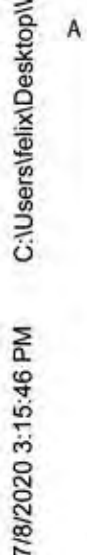
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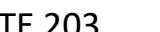
SHEET ID

CONSTRUCTION DOCUMENTS





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SEAL

Notes:

- 1- See specifications for additional tree protection requirements.
- 2- If there is no existing irrigation, see specifications for watering requirements.
- 3- No pruning shall be performed except by approved arborist.
- 4- No equipment shall operate inside the protective fencing including during fence installation and removal.
- 5- See site preparation plan for any modifications with the Tree Protection area.



A



1



3



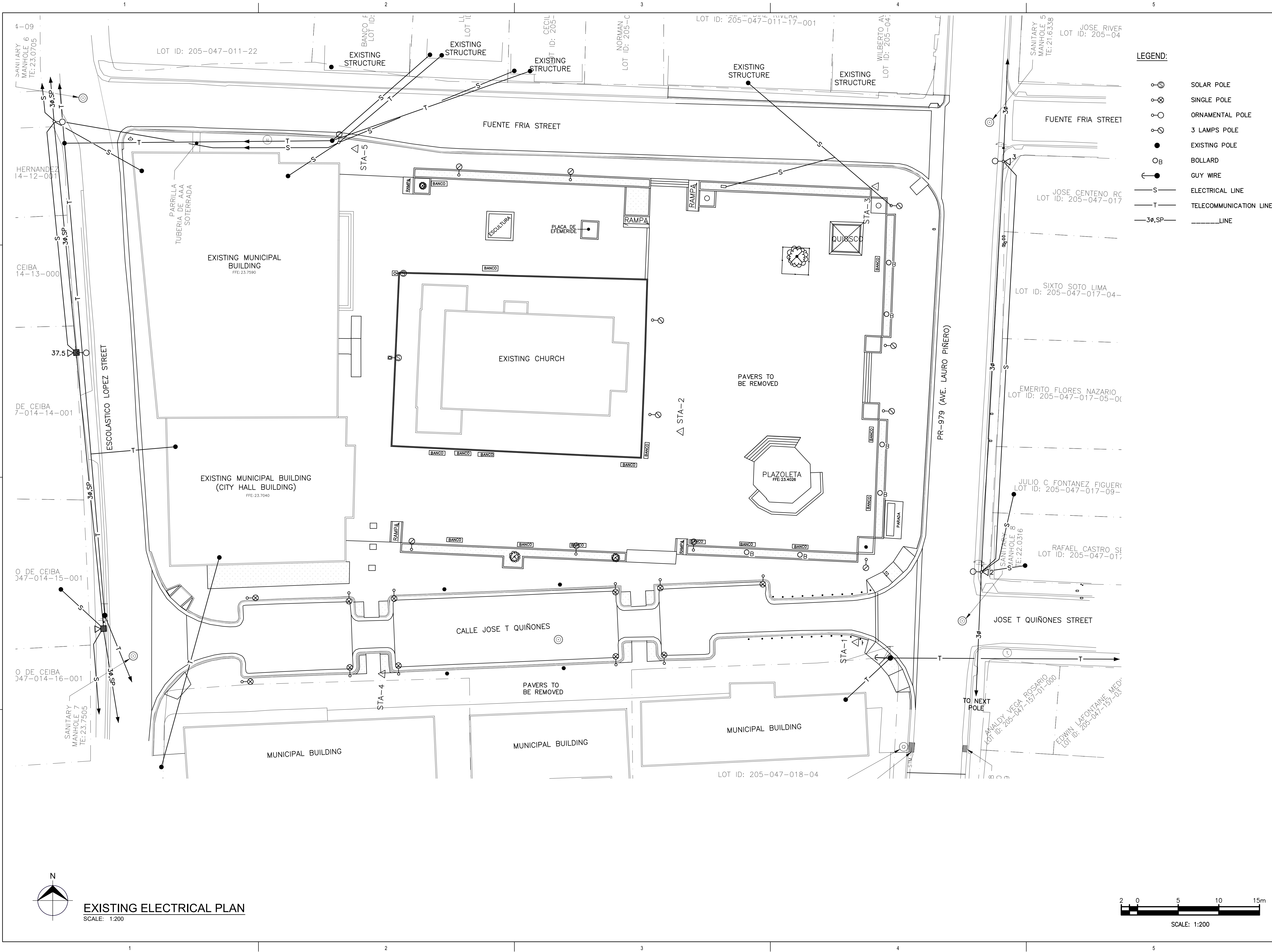
Notes

2)



4)

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CONSULTANT

SEAL

PROJECT INFORMATION

REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

NO.	DESCRIPTION	DATE
1	30% DESIGN DEVELOPMENT	10/11/22

DATE ISSUED: 11/29/22
REVIEWED BY: LMR
DRAWN BY: LRT
DESIGNED BY: LMR
BRA PROJECT NUMBER: 22010

SHEET TITLE

**EXISTING
ELECTRICAL PLAN**

SHEET ID

E100

GENERAL NOTES:

- THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- SPECIFICATIONS NOTED ON THESE DRAWINGS SHALL BE OF THE LATEST VERSION.
- STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
- NO OPENINGS, OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS, SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
- NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERSHIP SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
- OPENINGS 1'-4" AND LESS ON A SIDE ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SUCH OPENINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
- HORIZONTAL MOVEMENT OF ANY HEAVY EQUIPMENT UPON STRUCTURAL FLOORS OR ROOF AND ITS TEMPORARY AND/OR PERMANENT LOCATIONS MUST BE PREVIOUSLY APPROVED BY THE ENGINEER SO AS NOT TO OVERLOAD THE STRUCTURE OR IN ANY OTHER WAY IMPAIR THE STRUCTURE. SAME PRECAUTION SHALL BE TAKEN FOR THE PILING OF CONSTRUCTIONS MATERIALS.
- THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
- ALL STRUCTURES HAVE BEEN DESIGNED ACCORDING TO FINAL BEHAVIOR AND CONDITIONS. HOWEVER, DURING ERECTION OF SAME, CERTAIN CONDITIONS CAN ARISE FOR WHICH THE BEHAVIOR OR THE STRUCTURE HAS NOT BEEN CONTEMPLATED. THEREFORE, THE CONTRACTOR SHOULD PROVIDE AT ALL TIME ADEQUATE SHORING AND RESTORING UNTIL THE DESIGN CONDITIONS HAVE BEEN MET. IF THERE IS ANY DOUBT DURING ANY PHASE OF THE CONSTRUCTION, PLEASE CONSULT AND/OR NOTIFY THE STRUCTURAL ENGINEER.
- DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL INFORM THE ARCHITECT/ENGINEER IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL OF RECORD REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL OF RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE PROFESSIONAL OF RECORD HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
- WHERE "OWNER" IS MENTIONED IN PLANS IT IS TO BE UNDERSTOOD EITHER OWNER OR HIS AUTHORIZED REPRESENTATIVE.
- CONTRACTOR SHALL SUBMIT FOR OWNERS APPROVAL LOCATION AND DETAILS OF CONSTRUCTION JOINTS IN SLABS AND BEAMS, AND IN ANY OTHER STRUCTURAL MEMBERS.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS ON STRUCTURAL PLANS PRIOR TO THE DIMENSIONS ON ARCHITECTURAL PLANS BEFORE LAYING OUT THE WORK.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING FIELD CONDITIONS PRIOR TO STARTING CONSTRUCTION. IF ANY DISCREPANCY ARISES IN THE STRUCTURAL AND ARCHITECTURAL PLANS, THE ARCHITECTS AND ENGINEERS SHALL BE NOTIFIED IMMEDIATELY.
- CONTRACTOR MUST PROVIDE, SET AND VERIFY DIMENSIONS AND LOCATION OF ALL ANCHORS, INSERTS BOLTS, SLEEVES, CONDUITS, ETC., SHOWN OR NOTED IN ARCHITECTURAL AND/OR MECHANICAL AND PLUMBING PLANS BEFORE THE CONCRETE IS POURED.
- PROVISIONS FOR DETAILS NOT SPECIFICALLY DRAWN SHALL BE MADE BY THE CONTRACTOR IN ACCORDANCE WITH THE LATEST VERSION OF THE BUILDING CODE AND/OR AISI SPECIFICATIONS AND CLARIFIED WITH THE STRUCTURAL ENGINEER.
- ALL DETAILS, SECTIONS AND NOTES SHOWN ON DRAWINGS AND INTENDED TO BY TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS NOTED OTHERWISE.
- IN CASE OF DOUBT IN THE INTERPRETATION OF ANY ASPECT OF THESE STRUCTURAL DRAWINGS AND/OR SPECIFICATIONS, THE STRUCTURAL ENGINEER SHALL BE CONSULTED.
- NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN OR OMITTED ON THE DRAWINGS.

REFERENCES:

DESIGN, FABRICATION & CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS AND PROVISIONS OF THE FOLLOWING CODES AND SPECIFICATIONS THEIR COMMENTARIES AND THE STANDARDS REFERENCED THEREIN.

- ALL CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS AND PROVISIONS OF THE FOLLOWING:
- AMERICAN CONCRETE INSTITUTE 318-14 (ACI)
 - INTERNATIONAL BUILDING CODE (IBC) 2018.
 - PUERTO RICO BUILDING CODE 2018
 - AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
 - CONCRETE REINFORCING STEEL INSTITUTE (CRSI)
 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
 - AMERICAN WELDING SOCIETY (AWS)
 - MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES - ASCE/SEI 7-2016

DESIGN LOADS:

- STEEI STRUCTURES:
 - ROOF DEAD LOAD = 10 PSF
 - ROOF LIVE LOAD = 20 PSF
- WIND RISK CATEGORY II
- DESIGN BASIC WIND SPEED FOR MAIN STRUCTURE = 164 MPH.
- DESIGN CRITERIA - OTHER STRUCTURES:
 - EXPOSURE C
 - SITE CLASS I
 - S₀ = 0.978
 - S₁ = 0.370
 - S₂ = 0.783

MATERIALS:

- ALL CONCRETE SHALL DEVELOP A MINIMUM 28 DAYS COMPRESSIVE STRENGTH AS FOLLOWS:
 - FOUNDATIONS 3,000 PSI
 - SLAB ON GRADE 4,000 PSI
 - STRUCTURAL SLAB 4,000 PSI
 - BEAMS 4,000 PSI
 - COLUMNS 4,000 PSI
 - WALLS 4,000 PSI
- PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE I.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- ALL REINFORCING BARS SHALL BE HIGH TENSILE DEFORMED MEETING ASTM A-615 GRADE 60, UNLESS NOTED OTHERWISE ON SPECS AND/OR DRAWINGS.
- CONCRETE MASONRY UNITS SHALL BE NORMAL WEIGHT BLOCK CONFORMING TO ASTM C-90, GRADE N, TYPE 1, AND SHALL HAVE COMPRESSIVE STRENGTH OF 1900 PSI.
- MORTAR SHALL CONFORM TO ASTM C-270.
- MORTAR GROUT SHALL CONFORM TO ASTM C-476.
- CONTINUOUS WIRE REINFORCING (JOINT REINFORCING) SHALL BE GALVANIZED TRUSS TYPE FABRICATED UNITS WITH A SINGLE PAIR OF 9 GAUGE SIDE RODS AND 9 GAUGE CONTINUOUS DIAGONAL CROSS RODS FABRICATED FROM COLD-DRAWN STEEL WIRE COMPLYING WITH ASTM A-82.

FOUNDATIONS:

- FOUNDATIONS HAVE BEEN DESIGNED FOR A BEARING CAPACITY OF 3000 PSF BASED ON THE STUDY PERFORMED BY EARTH ENGINEERS, INC. JOB NO. EEI-22-121129. CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF THE REPORT AND FOLLOW ALL THE CONSTRUCTIONS GUIDELINES FOR THE PROJECT IN IT.
- FOOTINGS MAY BE POURED INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.
- FOUNDATION WALLS THAT RETAIN EARTH SHALL BE BRACED AGAINST BACKFILLING PRESSURES UNTIL FLOOR SLABS AT TOP AND BOTTOM ARE IN PLACE.
- WHERE FOUNDATION WALLS ARE TO HAVE EARTH PLACED ON EACH SIDE, PLACE FILL SIMULTANEOUSLY SO AS TO MAINTAIN A COMMON ELEVATION ON EACH SIDE OF THE WALL.
- FOUNDATION WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND INSPECTION, AS PER TECHNICAL SPECIFICATIONS AND SUBMIT REPORT FOR THE PROJECT.
- ALL BACKFILL SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY.
- ALL EXCAVATIONS AND BACKFILLS SHALL BE INSPECTED FOR COMPLIANCE WITH THE SUBSOIL REPORT RECOMMENDATIONS.
- CONTRACTOR SHALL SUBMIT, PRIOR TO INSTALLATION ALL REINFORCING STEEL SHOP DRAWINGS. SHOP DRAWINGS SHALL BE SEALED & SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN PUERTO RICO.
- CONCRETE ITEMS AND REINFORCEMENT SHALL BE ERECTED IN STRICT ACCORDANCE WITH OWNER APPROVED SHOP AND ERECTION DRAWINGS FOLLOWING THE DETAILS SHOWN ON PLANS.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PRODUCE CORRECTLY ALIGNED CONCRETE CONSIDERING AMONG OTHER THINGS, THE ELASTIC DEFORMATION OF THE STRUCTURAL MEMBERS.
- AT HORIZONTAL JOINTS IN WALLS AND COLUMNS, THE LOWER SURFACE SHALL BE THOROUGHLY CLEANED AND ALL WEAR OR LOOSE CONCRETE REMOVED FROM THERE BEFORE POURING THE UPPER CONCRETE (SEE SPECS. FOR ADDITIONAL REQUIREMENTS). NO JOINT SHALL BE COVERED WITH PLASTER OR OTHERWISE WITHOUT A VISUAL EXAMINATION AND APPROVAL BY THE INSPECTOR.
- NO DEFECTIVE CONCRETE SHALL BE CORRECTED OR COVERED WITH MORTAR, PLASTER ETC. WITHOUT THE INSPECTOR'S APPROVAL.
- SUMP OF CONCRETE SHALL NOT EXCEED 4" UNLESS A HIGH RANGE WATER-REDUCING ADMIXTURE IS USED. THE SUMP OF CONCRETE PRIOR TO ADDITION OF A HIGH RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 4". THE SUMP OF CONCRETE CONTAINING A HIGH RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 10".
- CONCRETE SHALL BE NON-AIR ENTRAINED. AIR CONTENT SHALL BE BETWEEN 0 AND 3.5 PERCENT.
- THE NOMINAL MAXIMUM AGGREGATE SIZE SHALL BE OF 3/4".
- CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW WELL IN ADVANCE OF CONCRETE PLACEMENT. CONCRETE MIX DESIGN SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS FOR EITHER THE TRIAL BATCH OR FIELD EXPERIENCE METHOD AND SHALL BE CERTIFIED BY A REGISTERED LICENSED ENGINEER. PHYSICAL TESTS RESULTS FOR COARSE AND FINE AGGREGATES SHALL ALSO BE SUBMITTED CERTIFIED BY A REGISTERED ENGINEER.

- MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE:
 - UNFORMED SURFACE IN CONTACT WITH THE GROUND 3 IN.
 - FORMED SURFACES EXPOSED TO EARTH OR WEATHER:
 - #6 BARS AND LARGER 2 IN.
 - #5 BARS AND SMALLER 1-1/2 IN.
 - FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER:
 - BEAMS, GIRDERS, AND COLUMNS 1-1/2 IN.
 - SLABS, WALLS AND JOISTS 1-1/2 IN.
 - #11 BARS AND SMALLER 3/4 IN.
 - #14 AND #18 BARS 1-1/2 IN.
- ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED, IN ACCORDANCE WITH ACI DETAILING MANUAL (SP-66) AND "THE MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION" BY THE CRSI.
- ALL REINFORCING SHALL BE SUPPORTED IN FORMS USING STEEL CHAIRS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRE TIED TOGETHER, IN ACCORDANCE WITH CRSI "MANUAL OF STANDARD PRACTICE".
- LAP SPLICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE, WHERE CLASSES ARE NOT CALLED OUT ON DRAWINGS, USE CLASS "B" SPLICE.

SPLICES TABLE (GRADE 60)

S		TENSION				COMPRESSION
BAR SIZE	f'c (psi)	TOP BARS		OTHER BARS		SPLICE
		SPUCE CLASS		CLASS		
		A	B	A	B	
#3	3,000	22"	28"	17"	22"	12"
	4,000	19"	25"	15"	19"	12"
	5,000	17"	22"	13"	17"	12"
#4	3,000	29"	36"	22"	29"	15"
	4,000	25"	33"	19"	25"	15"
	5,000	23"	29"	17"	23"	15"
#5	3,000	36"	47"	28"	36"	19"
	4,000	31"	41"	24"	31"	19"
	5,000	28"	36"	22"	28"	19"
#6	3,000	43"	56"	33"	43"	23"
	4,000	37"	49"	29"	37"	23"
	5,000	34"	44"	26"	34"	23"
#7	3,000	63"	81"	48"	63"	27"
	4,000	54"	71"	42"	54"	27"
	5,000	49"	63"	38"	49"	27"

- COMPRESSION DOWEL EMBEDMENT: 22 BAR DIAMETERS LAP WELDED WIRE FABRIC ONE SPACING OF CROSS WIRES PLUS 2".
- BASE PLATES, ANCHOR BOLTS, SUPPORT ANGLES, ETC., BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" OF CONCRETE.
- CONCRETE WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND INSPECTIONS. SEE QUALITY ASSURANCE GENERAL NOTES AND PROJECT SPECIFICATIONS.
- ALL SYMBOLS AND STRESSES AS WELL AS CONCRETE WORK SHALL CONFORM TO THE STANDARD OF THE LATEST VERSION OF THE ACI BUILDING CODE.
- ALL SLAB AND CORRESPONDING BEAMS, CURBS, OR APRONS SHALL BE SECURED MONOLITHICALLY.
- ALL REINFORCING, SLEEVES, CONDUITS, INSERTS AND BOLTS SHALL BE WELL COVERED AND IN PLACE BEFORE CONCRETE IS POURED.
- ALL OPENINGS IN CONCRETE WALLS SHALL BE REINFORCED AROUND WITH 2 #5 BARS PLACED AT 2 INCHES FROM THE FACE AND EXTENDING 24 INCHES BEYOND CORNERS, UNLESS OTHERWISE SPECIFIED IN PLANS.
- TEMPERATURE REINFORCEMENT SHALL BE PROVIDED IN ALL ONE WAY SLAB NORMAL TO THE PRINCIPAL REINFORCEMENT IN ACCORDANCE THE LATEST VERSION OF THE ACI BUILDING CODE.
- TEMPERATURE REINFORCEMENT SHALL BE AS FOLLOWS: (UNLESS NOTED OTHERWISE)

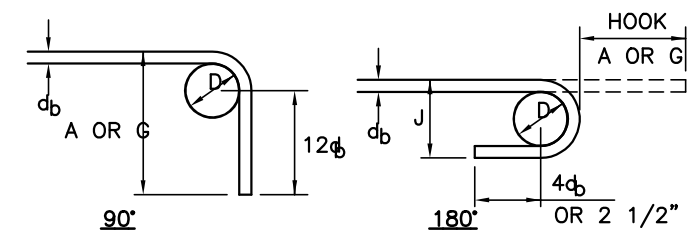
T = 4"	#4 @ 12"
T = 5"	#4 @ 12"
T = 6"	#4 @ 10"
T = 7"	#4 @ 10"
T = 8"	#4 @ 12" E.F.
- FOR CONSTRUCTION JOINTS IN STRUCTURAL MEMBERS A VERTICAL BULKHEAD AND KEY JOINT MUST BE PROVIDED.
- MINIMUM LAP OF WELDED WIRE FABRIC SHALL BE 6 INCHES OR ONE FULL MESH, WHICHEVER IS GREATER.
- SLAB ON GROUND, AS INDICATED ON DRAWINGS.
- FOR CONCRETE FORMWORK, SURFACE FINISHING, BEVELED CORNERS AND DRIPS, SEE ARCHITECTURAL PLANS.
- PLACEMENT OF CONCRETE SHALL CONFORM TO ACI STANDARD 304 AND PROJECT SPECIFICATIONS.
- PROVIDE DOWELS IN PEDESTAL AND/OR WALL FOOTINGS EQUAL IN GRADE, SPACING, SIZE AND NUMBER TO THE DOWEL REINFORCEMENT, EXTENDING A TENSION SPICE LENGTH INTO THE PEDESTAL AND/OR WALL AND 40 BAR DIAMETER INTO FOOTING. (THE LATERAL EMBEDMENT SHALL BE EXTENDED AS NECESSARY TO PROVIDE A MINIMUM HORIZONTAL LEO RESTING ON FOOTING REINFORCEMENT EQUAL TO THE CORRESPONDING "G" LENGTH FOR THE BAR SIZE.)
- CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL SO AS TO CAUSE SEGREGATION OF AGGREGATES IN SUCH CASES, HOPPERS OR VERTICAL CHUTES OR TRUNGS SHALL BE USED. THE FREE UNCOMPACTED FALL OF CONCRETE SHALL NOT EXCEED THE ABOVE REQUIREMENTS.
- THE SIZE OF NAILS AND SIMILAR FASTENERS DRIVEN INTO CONCRETE SHALL BE SUCH, AS NOT TO CRACK OR IMPAIR IT. NEVERTHELESS, IF THE CONCRETE IS DAMAGED, IT SHALL BE PROPERLY REPAIRED AFTER REMOVING THE DAMAGED PORTION AND SUTABLE SURFACE ARE PROVIDED.
- ALL CAST IN PLACE REINFORCED CONCRETE STRUCTURAL MEMBERS SHALL BE PROPERLY CURED IN ACCORDANCE WITH THE LATEST VERSION OF THE ACI CODE, CHAPTER V AND ACI 308.
- ALL LAPPING, BENDING AND/OR REINFORCEMENT SHALL BE DONE IN ACCORDANCE WITH THE LATEST VERSION OF THE ACI BUILDING CODE.
- ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
- ALL NEGATIVE REINFORCEMENT (TOP REINF.) AND POSITIVE REINFORCEMENT (BOTTOM REINF.) IN SLABS AND BEAMS SHALL BE EXTENDED BEYOND THE CENTER LINE OF THE END SUPPORTS IN ACCORDANCE WITH THE LATEST VERSION OF THE ACI BUILDING CODE, UNLESS OTHERWISE SPECIFIED.
- WELDING OF REINFORCEMENT SHALL BE WITH LOW HYDROGEN ELECTRODES IN CONFORMANCE WITH "REINFORCING STEEL WELDING CODE" AND "RECOMMENDED PRACTICES FOR WELDING REINFORCING STEEL" BOTH BY THE AWS (D12.1 & AWS D1.4 RESPECTIVELY).
- ALL FORMWORK FOR FLEXURAL MEMBERS SHALL BE BUILT WITH A CAMBER CORRESPONDING TO ITS OWN DEFORMATION PLUS THE STRUCTURAL DEAD LOAD DEFORMATIONS. IN DETERMINING THE AMOUNT OF CAMBER, THE CONTRACTOR SHALL HAVE THE ASSISTANCE OF THE DESIGNER WHERE SO REQUESTED.
- NO JOINT, OPENING, SLOT OR GROOVE OTHER THAN THAT SHOWN ON DRAWINGS SHALL BE PERMITTED WITHOUT PREVIOUS APPROVAL BY THE ENGINEER. ALL CONSTRUCTION JOINT SURFACES SHALL BE CLEANED AND ROUGHENED IMMEDIATELY BEFORE CONCRETING AND TREATED AS INSTRUCTED IN THE "ACI MANUAL OF CONCRETE PRACTICE".
- CONDUIT/SLAB THICKNESS AND WALLS SHALL BE PLACED BETWEEN THE TOP & BOTTOM REINFORCEMENT, UNLESS SPECIFICALLY DETAILED OTHERWISE. CONCENTRATIONS OF CONDUITS OR PIPES SHALL BE AVOIDED EXCEPT WHERE DETAILED OPENINGS ARE PROVIDED.
- WATER-CEMENT RATIO REQUIREMENTS FOR DIFFERENT COMPRESSIVE STRENGTHS OF CONCRETE.

COMPRESSIVE STRENGTH WATER-CEMENT RATIO BY WEIGHT AT 28 DAYS, PSI

COMPRESSIVE STRENGTH	WATER-CEMENT RATIO BY WEIGHT
6,000	0.41
5,000	0.48
4,500	0.50
4,000	0.55
3,500	0.58
3,000	0.62
2,500	0.72

END HOOKS FOR ALL GRADES

BAR SIZE	FINISHED BEND DIAMETER "D", IN.	180° HOOKS	90° HOOKS
#3	2 1/4"	5"	3"
#4	3"	6"	4"
#5	3 3/4"	7"	5"
#6	4 1/2"	8"	6"
#7	5 1/4"	10"	7"
#8	6"	11"	8"
#9	9 1/2"	1-3"	11 3/4"



STRUCTURAL STEEL:

- STEEL SHALL CONFORM TO THE FOLLOWING GRADES:

ALL WF, CHANNELS, ANGLES, PLATES, ETC. (LINO) A36	A500 (Fy=46)
STRUCTURAL TUBE	A507 (Fy=50)
STEEL PIPE	A307
ANCHOR BOLTS AND UNFINISHED BOLTS	A325
BOLTS, NUTS AND WASHERS	A325
WELDING ELECTRODES	E333, CLASS E 7018XX
- ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISI CODE OF STANDARD PRACTICE 1990, EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS AND/OR DRAWINGS.
- THE STEEL STRUCTURE IS A PARTIAL-SELF-SUPPORTING STEEL FRAME AND IS DEPENDENT UPON DIAPHRAGM ACTION OF THE METAL ROOF DECK AND ATTACHMENT TO THE MASONRY WALLS FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES. PROVIDE ALL TEMPORARY SUPPORTS REQUIRED FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES UNTIL THESE CONDITIONS ARE COMPLETE AND ARE CAPABLE OF PROVIDING THIS SUPPORT.
- THE FABRICATOR IS RESPONSIBLE FOR THE SHOP DRAWINGS OF ALL CONNECTIONS. CONNECTIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE SCHEMATIC AND ARE ONLY INTENDED TO SHOW THE RELATIONSHIP OF MEMBERS CONNECTED. CONNECTION DETAILS INDICATED ON THE DRAWINGS SHALL BE INCORPORATED INTO FABRICATOR'S CONNECTION DESIGN. ALL SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY THE FABRICATOR'S ENGINEER WITH THE ENGINEER'S SEAL. ENGINEER'S SEAL MAY BE OBLIQUE FOR DETAILING OF CONNECTIONS ONLY.
- SPLICING OF STEEL MEMBERS, UNLESS SHOWN ON THE DRAWINGS, IS PROHIBITED WITHOUT WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
- UNLESS NOTED OTHERWISE, BEAMS SHALL BEAR 8" MINIMUM ON CONCRETE OR MASONRY. UNLESS NOTED OTHERWISE, ANCHOR BEAMS TO MASONRY WITH TWO (2) 3/4" DIAMETER ANCHOR BOLTS WITH 4" HOOK AND 1'-4" EMBEDMENT.
- STRUCTURAL STEEL WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING & INSPECTIONS. SEE QUALITY ASSURANCE GENERAL NOTES AND PROJECT SPECIFICATION. AISI, ASTM & AWS SPECIFICATIONS WILL GOVERN ALL STRUCTURAL STEEL WORKS.
- DESIGN & CONSTRUCTION SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION STANDARD PRACTICE.
- STRUCTURAL STEEL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER AND IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY, AWS, REQUIREMENTS.
- ALL INSPECTION AND TESTING OF WELDING SHALL BE DONE IN ACCORDANCE TO SECTION 501 TRUE 607 OF THE AWS D10-89 CODE FOR WELDING IN BUILDING CONSTRUCTION.
- ALL CONNECTIONS SHALL BE BEARING TYPE UNLESS OTHERWISE SPECIFIED ON PLANS.
- SHOP DRAWINGS FOR ALL STRUCTURAL STEEL FABRICATION AND ERECTION SHALL BE SUBMITTED TO THE DESIGNER FOR APPROVAL WELL IN ADVANCE OF CONSTRUCTION.
- INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON-CONFORMING MATERIAL OR CONDITIONS SHALL BE REPORTED TO THE ENGINEER FOR REVIEW AND APPROVAL OR REJECTION, PRIOR TO REMEDIAL OR CORRECTIVE ACTION TO BE IMPLEMENTED.

METAL DECK:

- METAL ROOF DECK SHALL COMPLY WITH THE REQUIREMENTS OF THE STEEL DECK INSTITUTE SPECIFICATIONS AND COMMENTARY FOR STEEL ROOF DECK (2012).
- METAL ROOF DECK SHALL BE DESIGNED BY THE MANUFACTURER. THE MANUFACTURER'S ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN, ADEQUACY AND SAFETY OF ALL METAL ROOF DECK. ALL SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY THE MANUFACTURER'S ENGINEER WITH THE ENGINEER'S SEAL.
- METAL ROOF DECK SHALL BE CONFIGURATION, DEPTH AND MINIMUM GAGE AS SHOWN ON THE DRAWINGS. ATTACHMENT TO THE SUPPORTING STRUCTURE SHALL BE AS SHOWN ON THE DRAWING AS A MINIMUM. SEE SHOP PLAN NOTES.
- DO NOT HANG OR SUPPORT ANY LOADS FROM METAL ROOF DECK.
- METAL ROOF DECK SHALL BE CONTINUOUS OVER A MINIMUM OF THREE SPANS.
- METAL ROOF DECK WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND SPECIFICATIONS.

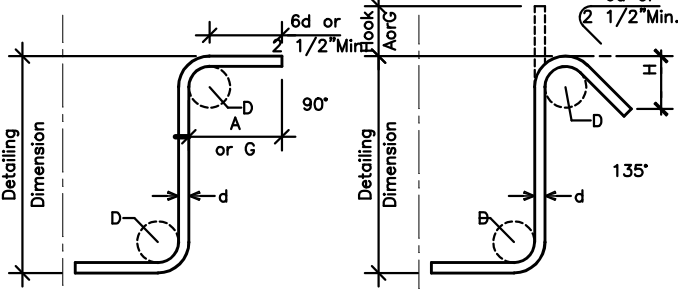
SOIL BACKFILLING NOTES:

- HERE THE FOLLOWING RECOMMENDATIONS ARE GIVEN AS GUIDE FOR THE SITE DEVELOPMENT
- BEFORE ANY PLACEMENT OF FILL IS MADE, ROLL THIS POSTED GRATE TO RECEIVE FIELD, ROLL AND COMPACT THE EXPOSED GRADE UNTIL 90% OF THE CORRESPONDING MAXIMUM DRY DENSITY (MDD) IS IMPORTANT. IF ANY WEAK OR SOFT SPOT IS UNCOVERED, IT SHALL BE FULLY EXCAVATED.
 - MAXIMUM DRY DENSITY OF THE EXISTING SOIL, AND OF ANY EITHER IMPORTED SHALL ALWAYS BE DETERMINED BY LABORATORY TESTS CONDUCTED AS PER ASTM D1557 STANDARD. MODIFY PROCTOR TEST.
 - WATERING OF EXPOSED GREAT SHALL BE CONDUCTED AFTER ANY COMPACTION EFFORT IS IMPARTED. MOISTURE SHOULD RANGE FROM 2 TO 4% OF THE CORRESPONDING OPTIMUM (OCM), BEFORE ANY COMPACTION.
 - START BACKFILLING. THE BACKFILL MATERIAL SHALL POSSESS NO SWELLING/SHRINKAGE PROPERTIES NOR CONTAIN ANY FOREIGN OR ORGANIC MATTER AND SHOULD CLASSIFY AS AN A-2 ACCORDING TO ASHTO STANDARD SPECIFICATION M-145 AND SHALL CONTAIN SOIL FRACTION FINER THAN SIEVE NO. 200 BETWEEN 25 AND 35%.
 - ALL THE BACKFILLING OPERATIONS MUST BE CONDUCTED IN DRY CONDITIONS. IN NO CASE FILL PLACEMENT UNDER EXCESS WATER IS ALLOWED.
 - THE FILL MATERIAL SHALL BE EVENLY SPREAD ALONG THE FILL AREA IN LAYERS OR LIFT NOT EXCEEDING 8 INCHES THICKNESS MEASURED, AND EACH LAYER SHALL BE IMPARTED WITH A MAXIMUM PERCENT OF COMPACTION OF 95% OF THE CORRESPONDING MAXIMUM DRY DENSITY OF THE EXPOSED SOIL. SOIL IS IMPARTED UNTIL THE MOISTURE CONTENT OF THE EXPOSED GRADE BEFORE COMPACTION EFFORT IS IMPARTED WITHIN 2 TO 4.0% HIGHER THAN THE CORRESPONDING OPTIMUM MOISTURE CONTENT (OMC) COULD BE NECESSARY.
 - NO BACKFILL MATERIAL SHALL BE PLACED, SPREAD NOR ROLLER DURING UNFAVORABLE WEATHER CONDITIONS. WHEN THE WORKING INTERRUPTED BY HEAVY RAINS, FILL/BACKFILL OPERATIONS SHALL NOT BE RESUMED UNTIL THE FIELD TEST MADE BY THEIR GEOTECHNICAL ENGINEER OR HIS/HER REPRESENTATIVE INDICATES THAT THE MOISTURE CONTENT AND DENSITY OF THE FILL/BACKFILL ARE AS PREVIOUSLY SPECIFIED.
 - THIS PROCEDURE SHALL BE FOLLOWED INTO FINAL GRADES ARE REACHED.
 - ALL FILLING/BACKFILLING OPERATION SHALL BE SUPERVISED BY A GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE WHOM IS TO CERTIFY THE QUALITY DEGREE ACHIEVED AND SHALL SUBMIT HIS/HER PROFESSIONAL OPINION PREDICTING THE WOULD BE A DEEP FILL DEPOSITS BEHAVIOR UNDER THE ACTION OF THE ANTICIPATED LOADS.

ASTM STANDAR REINFORCING BARS

BAR SIZE	DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS-ROUND SECTIONS DIAMETER INCHES	CROSS SECTIONAL AREA SQ. IN.	PERIMETER INCHES
#3		.376	.375	.11	1.178
#4		.668	.500	.20	1.571
#5		1.043	.625	.31	1.963
#6		1.502	.750	.44	2.356
#7		2.044	.875	.60	2.749
#8		2.670	1.000	.79	3.142
#9		3.400	1.128	1.00	3.544
#10		4.303	1.270	1.27	3.990
#11		5.313	1.410	1.56	4.430
#14		7.65	1.693	2.25	5.32
#18		13.60	2.257	4.00	7.09

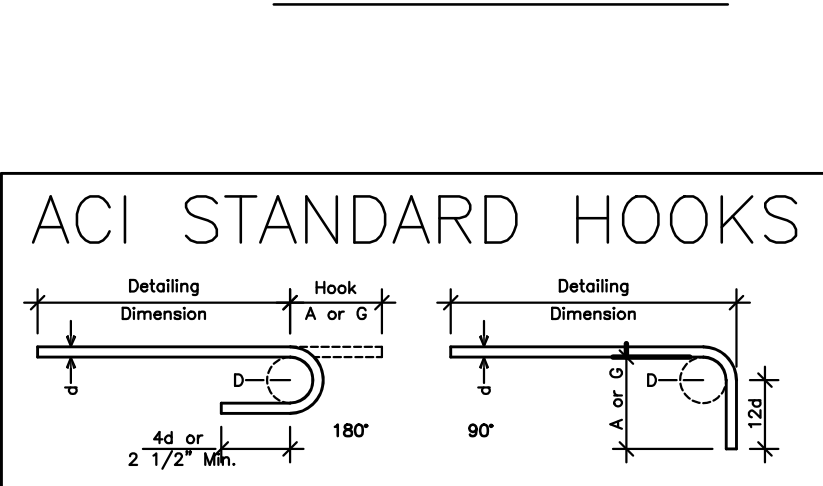
STIRRUP AND TIE HOOKS



RECOMMENDED STIRRUP AND THE HOOK DIMENSIONS

Bar Size	D (in)	90 HOOK	135 HOOK
#3	1 1/8"	4"	4"
#4	1 1/2"	4"	4"
#5	2"	4"	4"
#6	2 1/2"	4"	4"

ACI STANDARD HOOKS

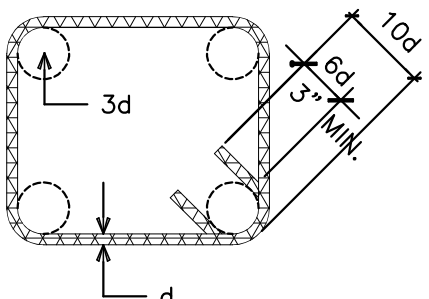


SIZES OF 180-DEG. HOOKS

SIZES OF 90-DEG. HOOKS

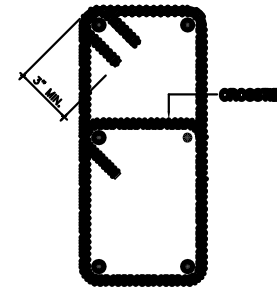
RECOMMENDED END HOOK DIMENSIONS

Bar Size	180 HOOKS	90 HOOKS
	All Grades	All Grades
	A or G	J
#3	5	3
#4	6	4
#5	7	5
#6	8	6
#7	10	7
#8	11	8
#9	1-3	11"
#10	1-5	1-0"
#11	1-7	1-2"
#14	2-2	1-8"
#18	2-11	2-3"



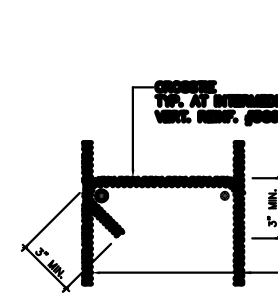
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SCALE: N.T.S.



TIES & STIRRUPS TYP. HOOK DETAIL

SCALE: N.T.S.



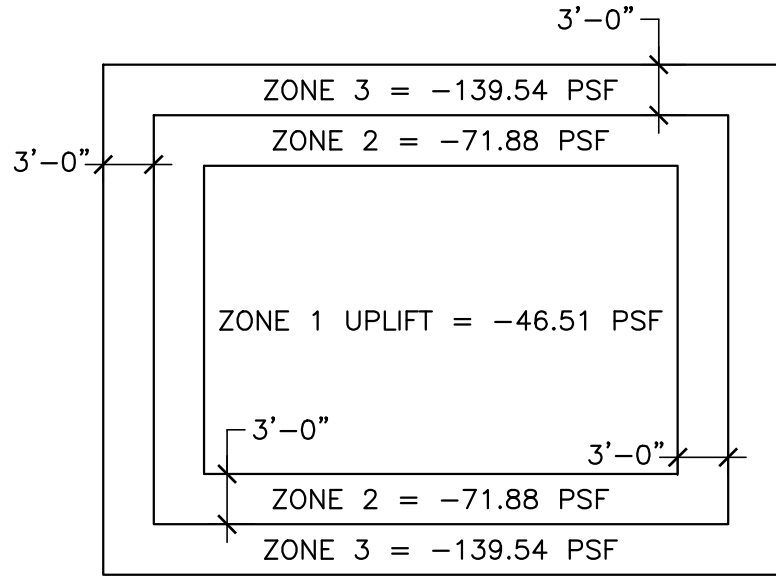
CROSSTIE DETAIL

SCALE: N.T.S.

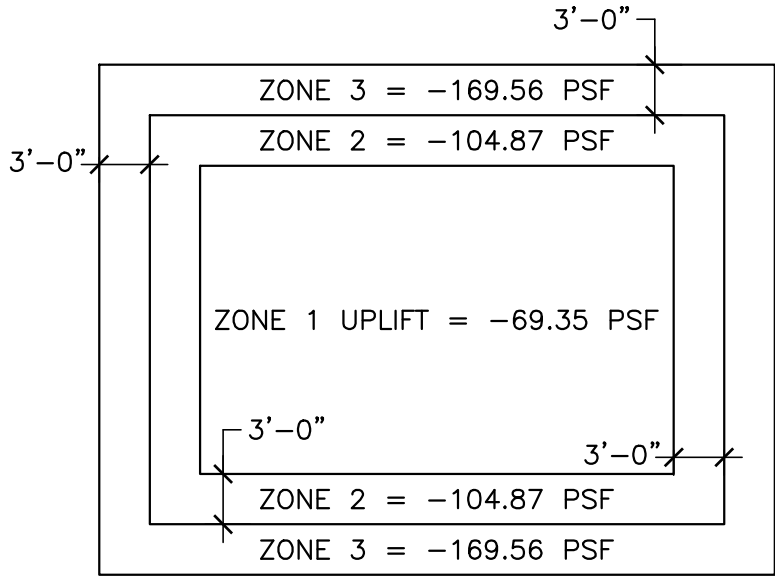
Tension Development Length (ld), (inches)

(Minimum Straight Embedment length) for bars spaced less than 6" in. c.c.

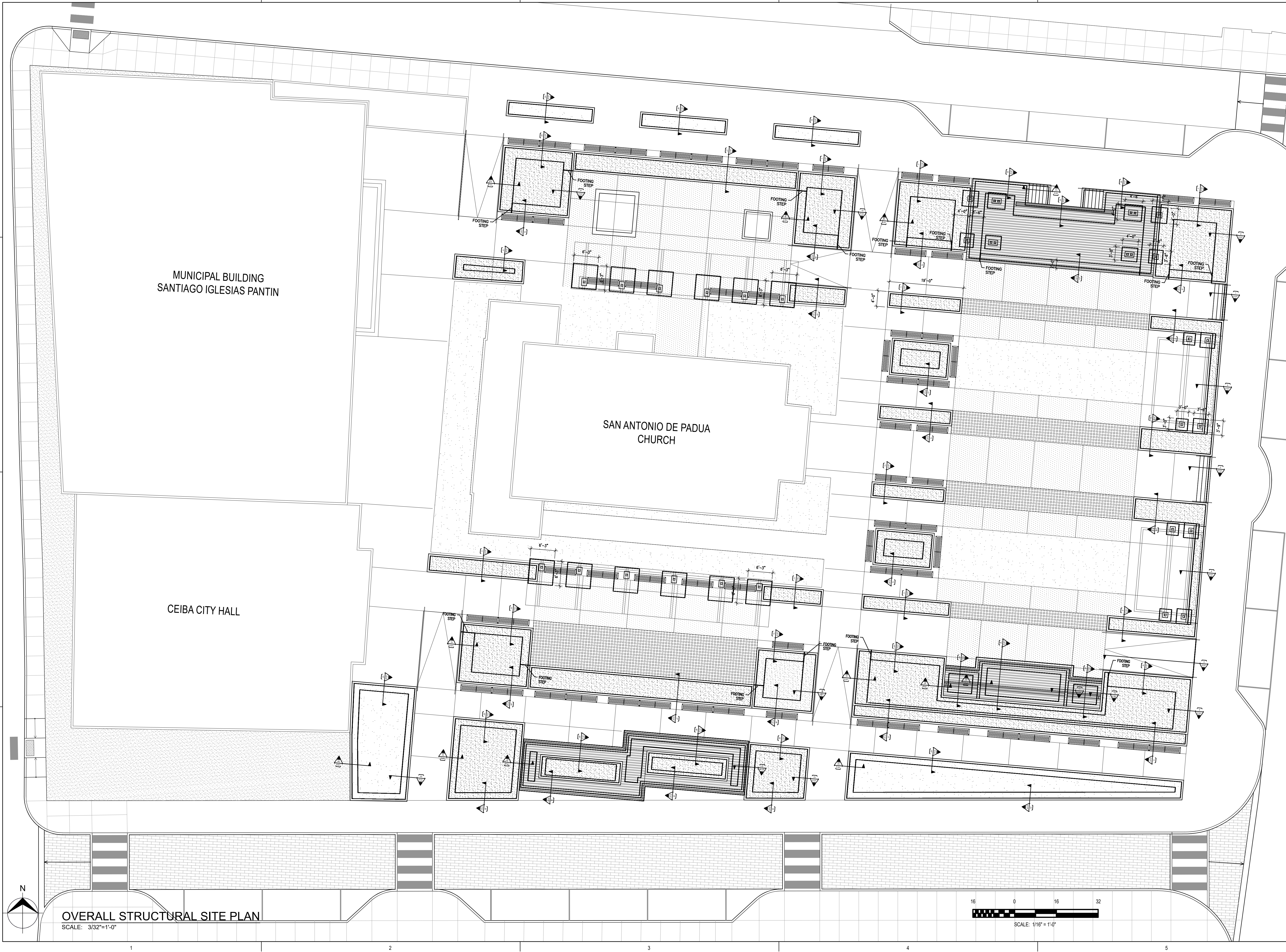
Bar Size	f'c=3,000 psi	f'c=3,500 psi	f'c=4,000 psi	f'c=5,000 psi	f'c=6,000 psi
	Top Bars	Other Bars	Top Bars	Other Bars	Top Bars
#3	13	12	13	12	13
#4	17	12	17	12	17
#5	21	15	21	15	21
#6	27	19	25	18	25
#7	37	26	33	24	33
#8	48	35	43	31	42
#9	61	44	55	39	53
#10	78	56	70	50	67
#11	96	68	86	61	83
#14	130	93	117	83	113
#18	169	120	151	108	146



SHORT TRELLIS ROOF WIND ZONES FOR FASTENERS PATTERNS



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CONSULTANT
IYO, ESTEBAN LLOP RAMIREZ, LIC. 21508, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTENDIENDO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONSULTA Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCION, CERTIFICO, ADemás, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 310 DEL 15 DE MAYO DE 1998, SEGÚN ENMIENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMIENDADA; SEGÚN APLICUÉ/RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA, FALSIFICACIONES 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 DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA DGEF.

PROJECT INFORMATION
PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

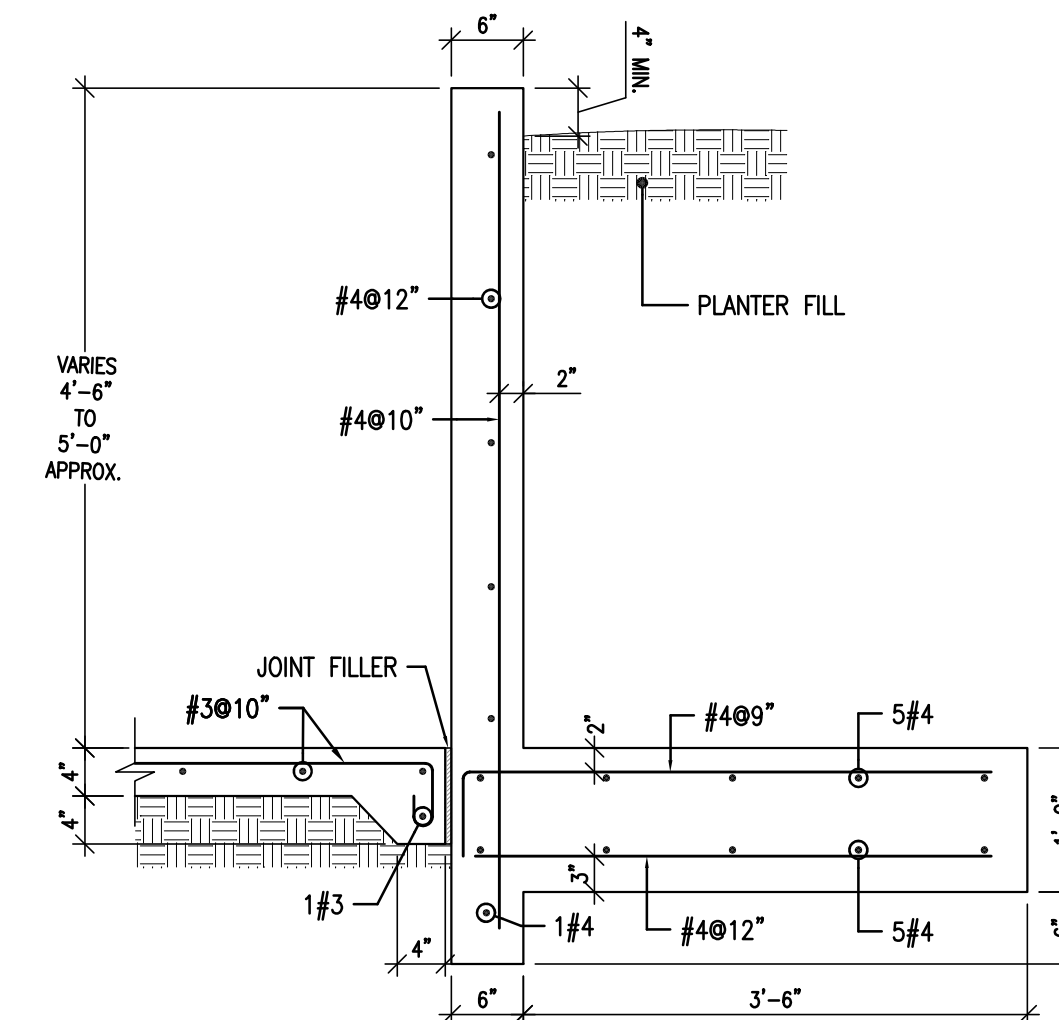
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		REVISIONS	
NO.	DESCRIPTION	DATE	
A	90% DESIGN DEVELOPMENT	03.22.2023	

DATE ISSUED: 03/22/23
REVIEWED BY: ELLOP
DRAWN BY: ELLOP
DESIGNED BY: ELLOP
BRA PROJECT NUMBER: 22010

SHEET TITLE
OVERALL
STRUCTURAL SITE
PLAN

SHEET ID

S101

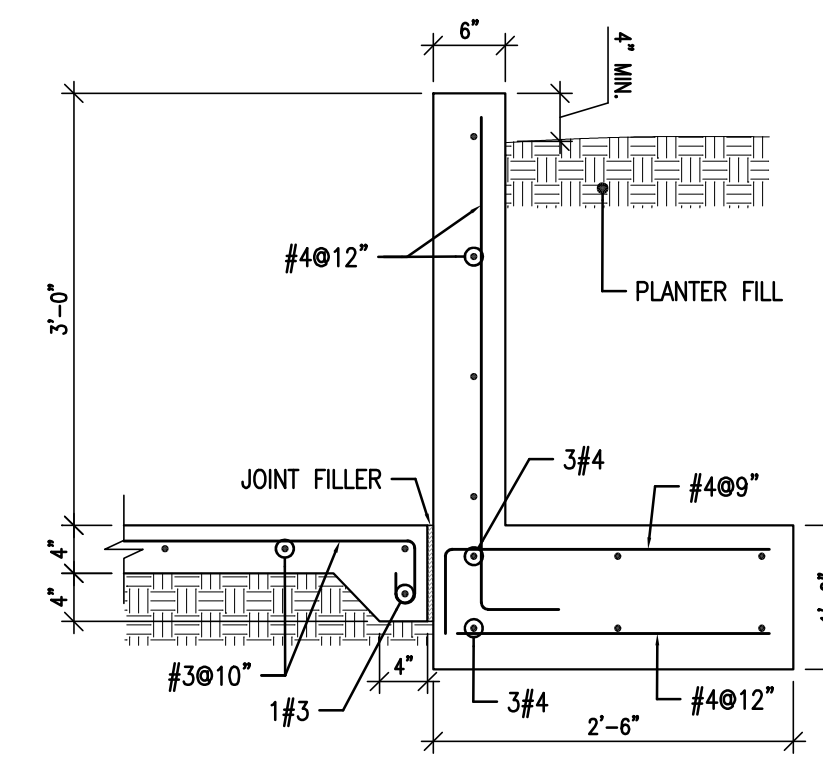


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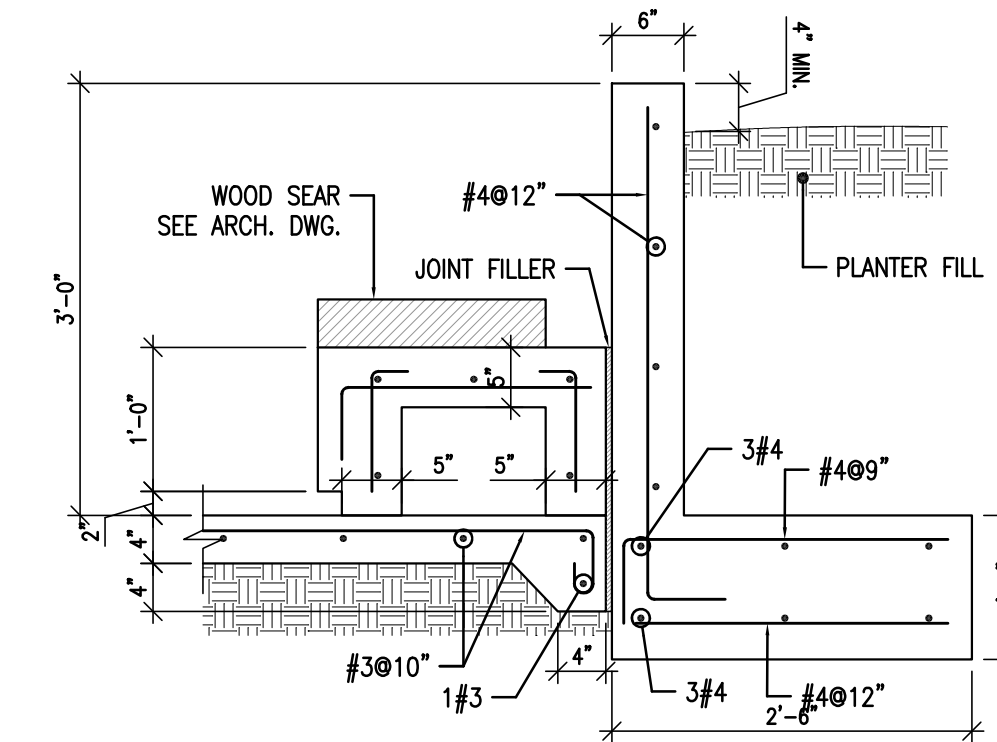
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S101



SECTION 
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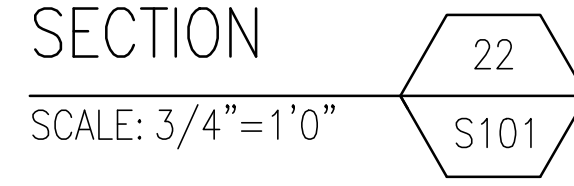
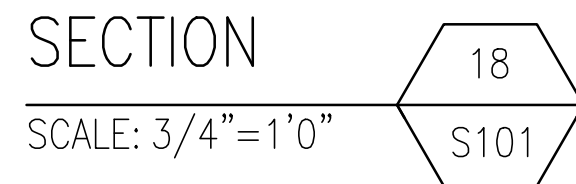
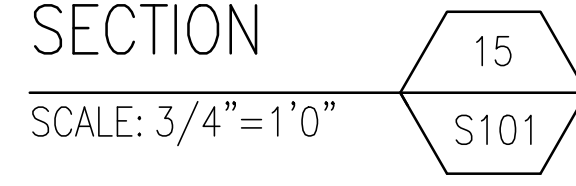
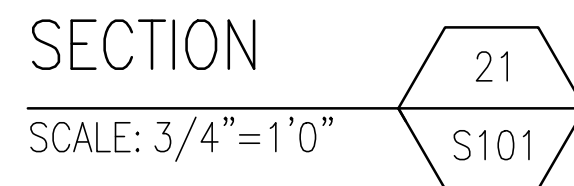
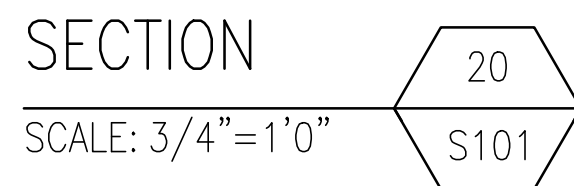
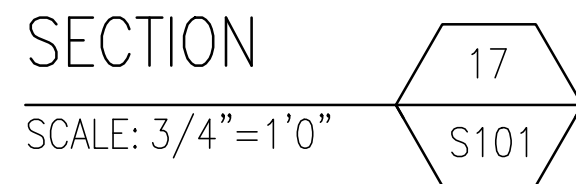
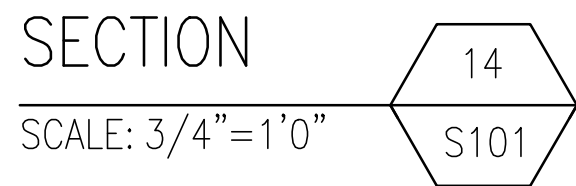
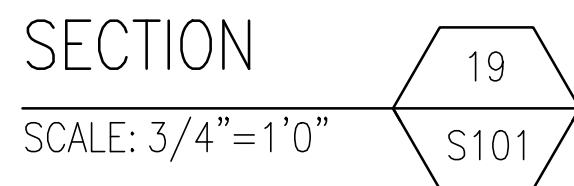
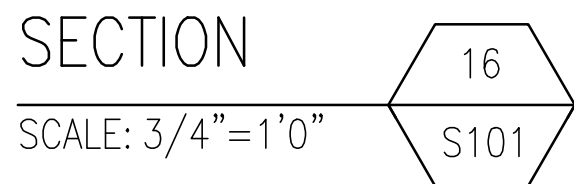
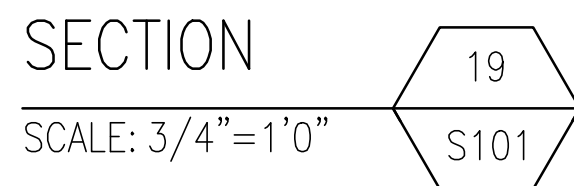


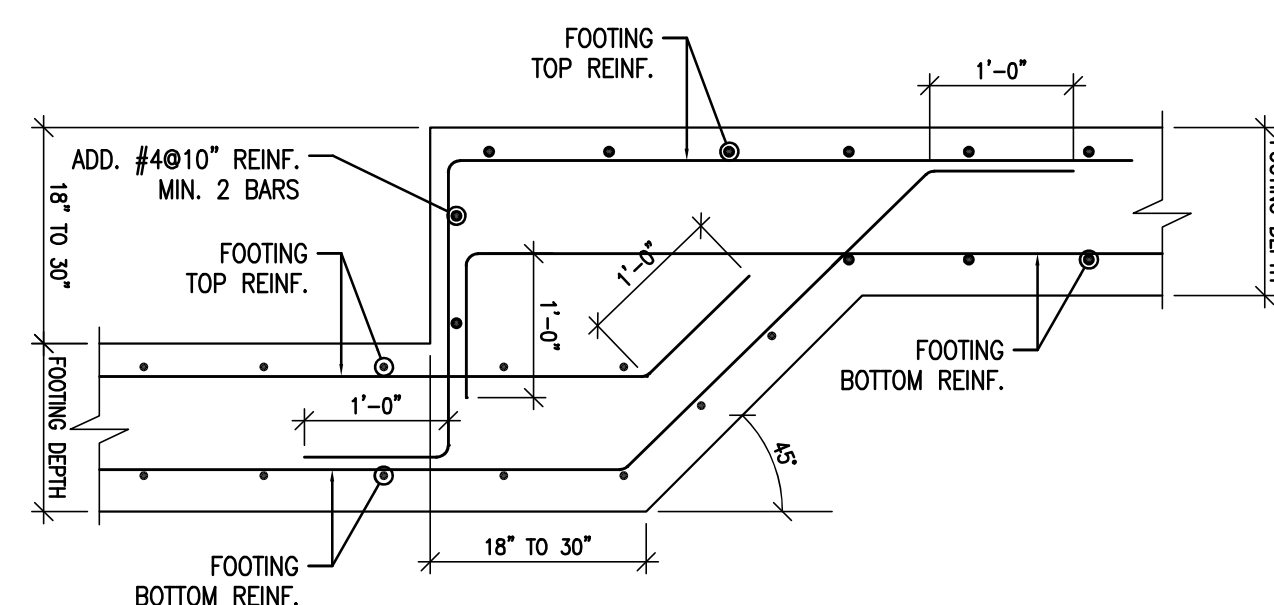
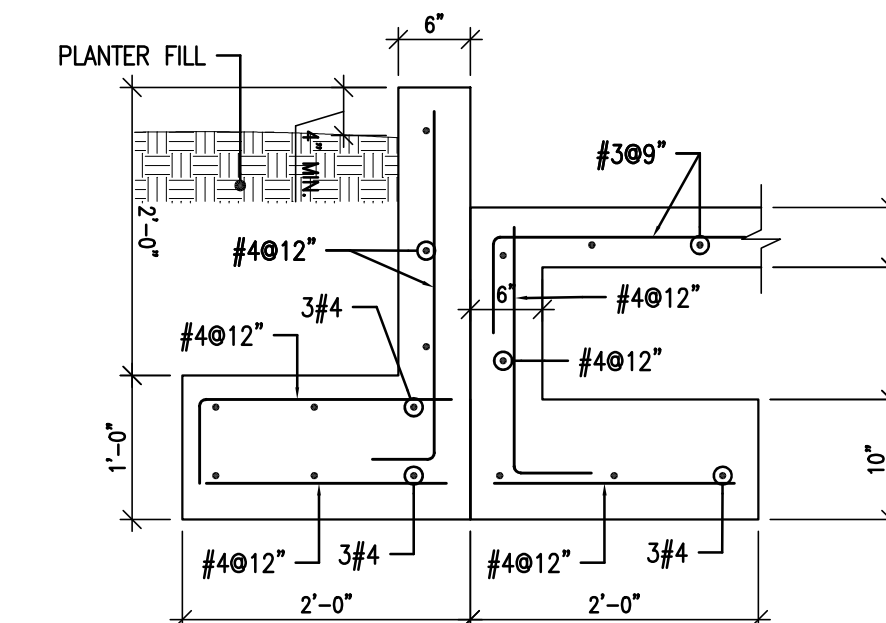
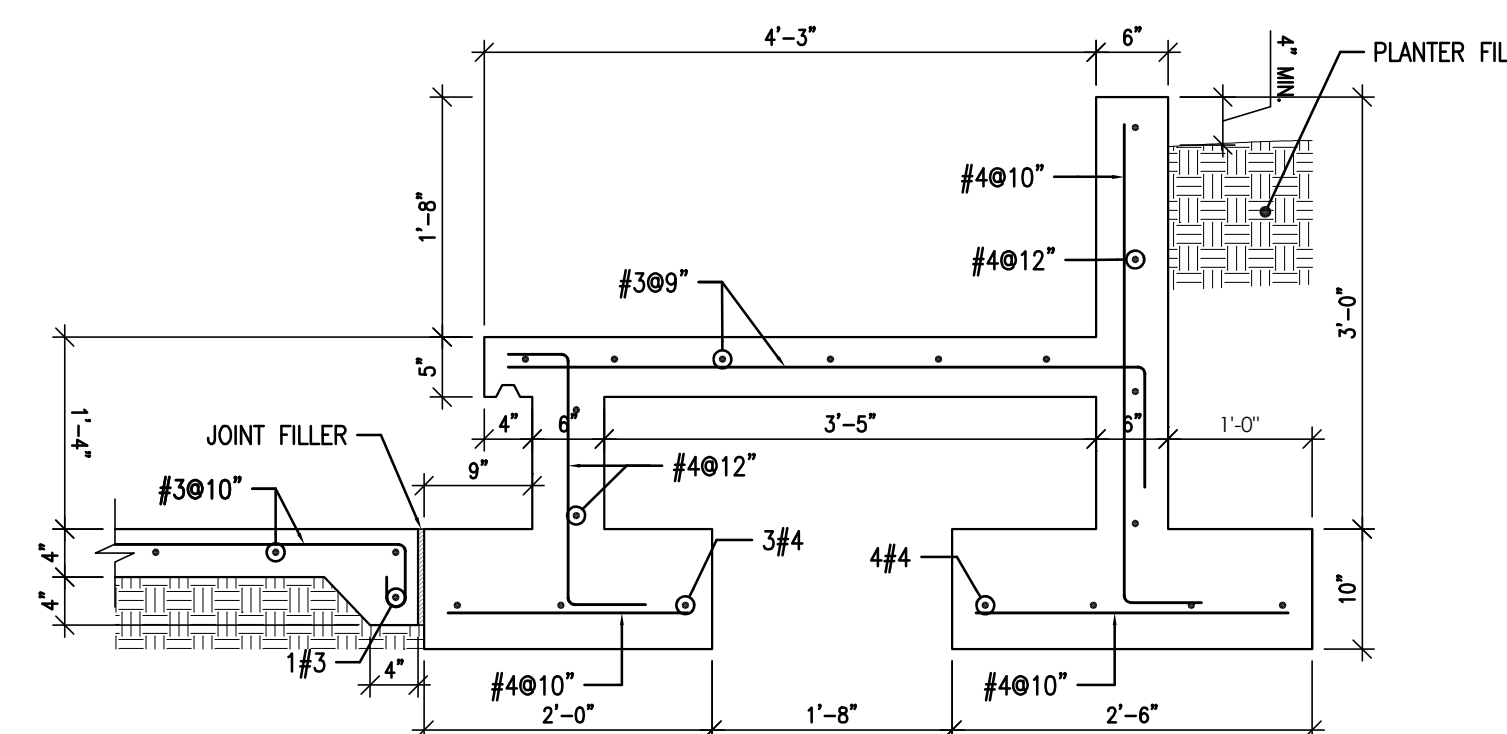
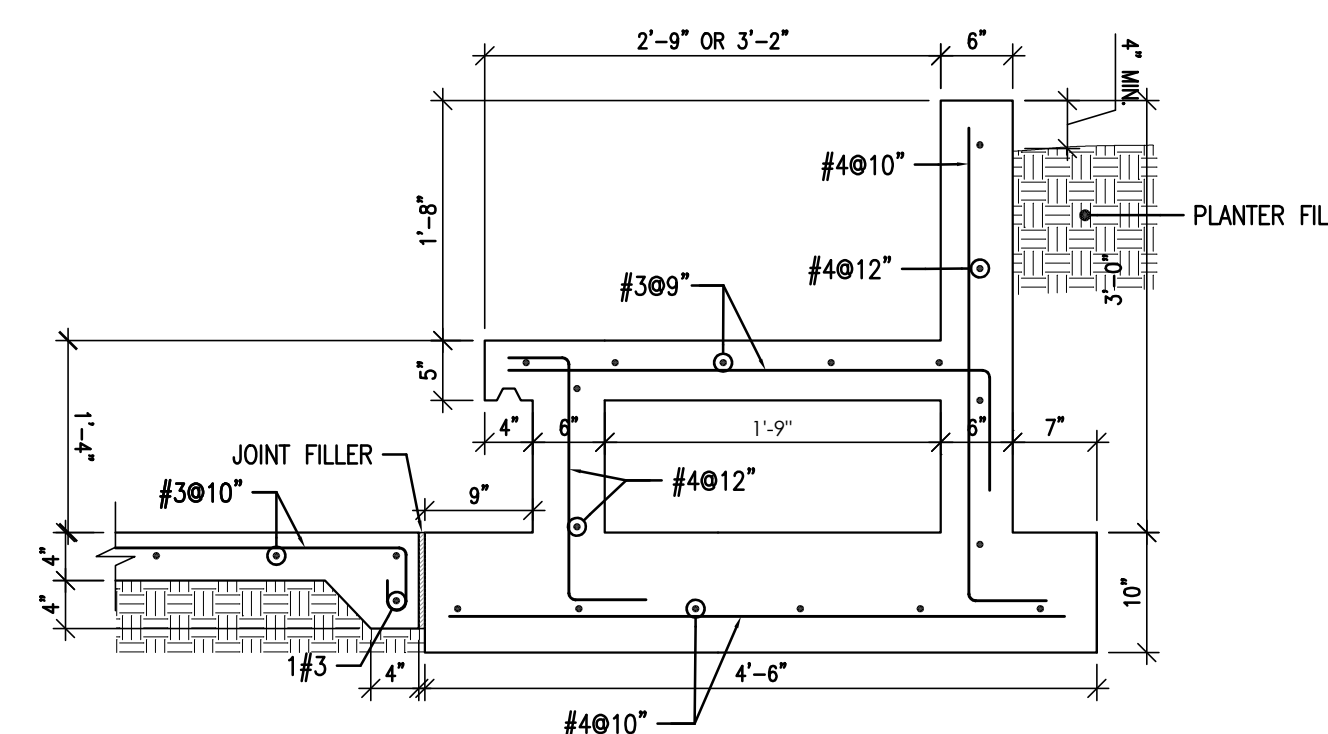
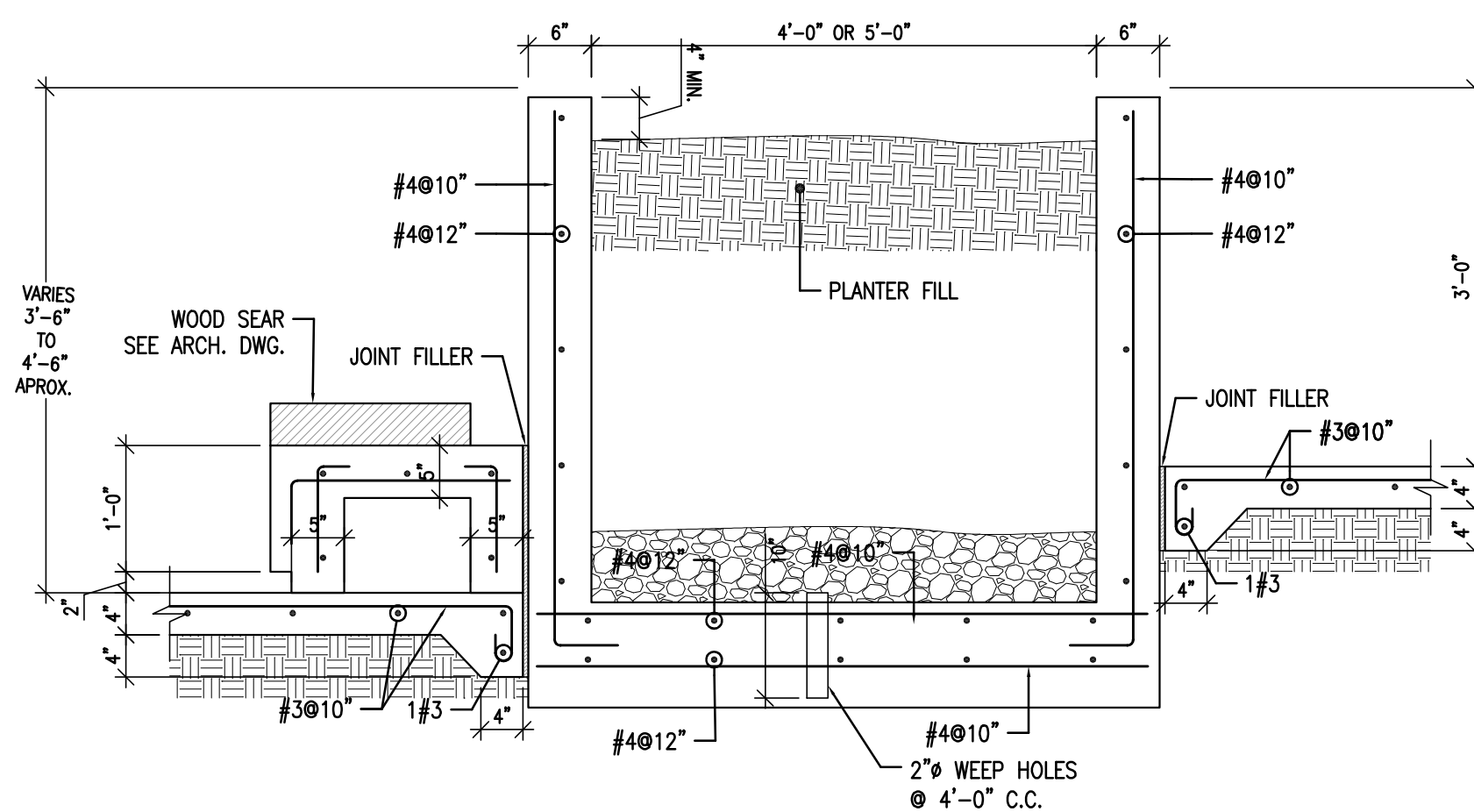
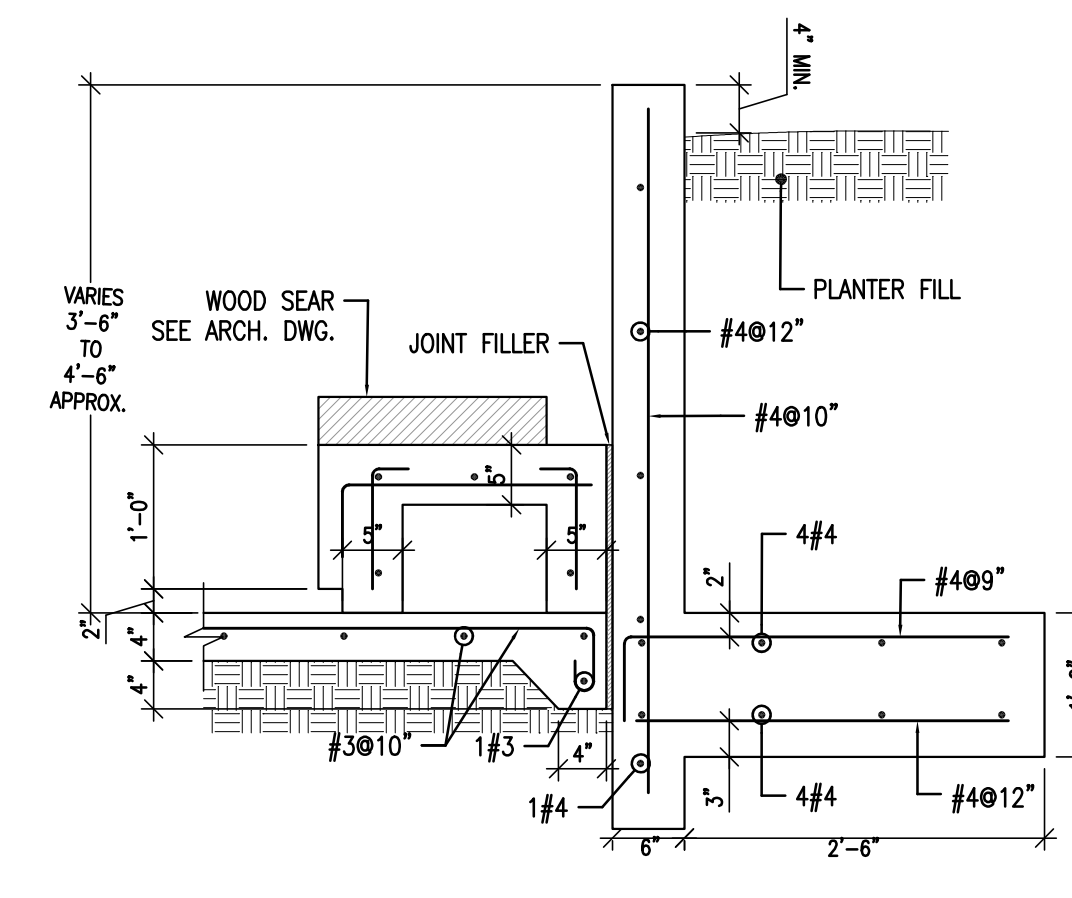
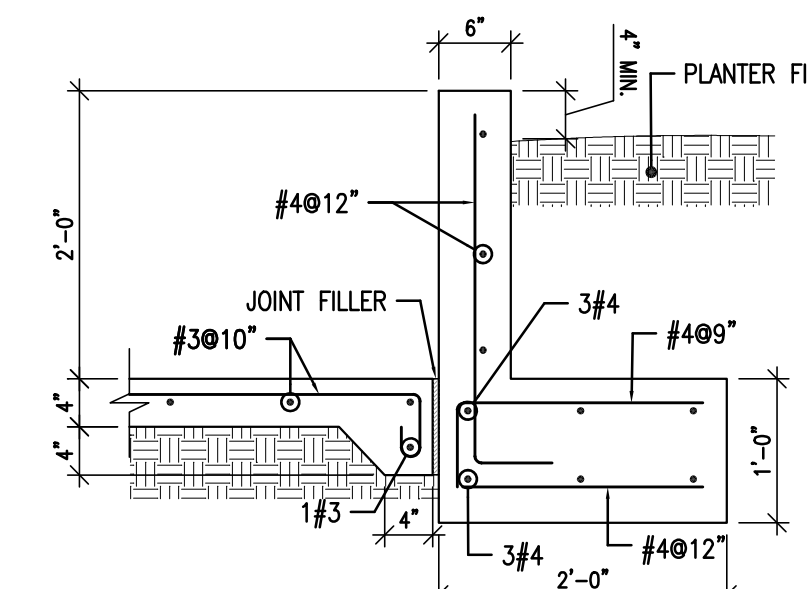
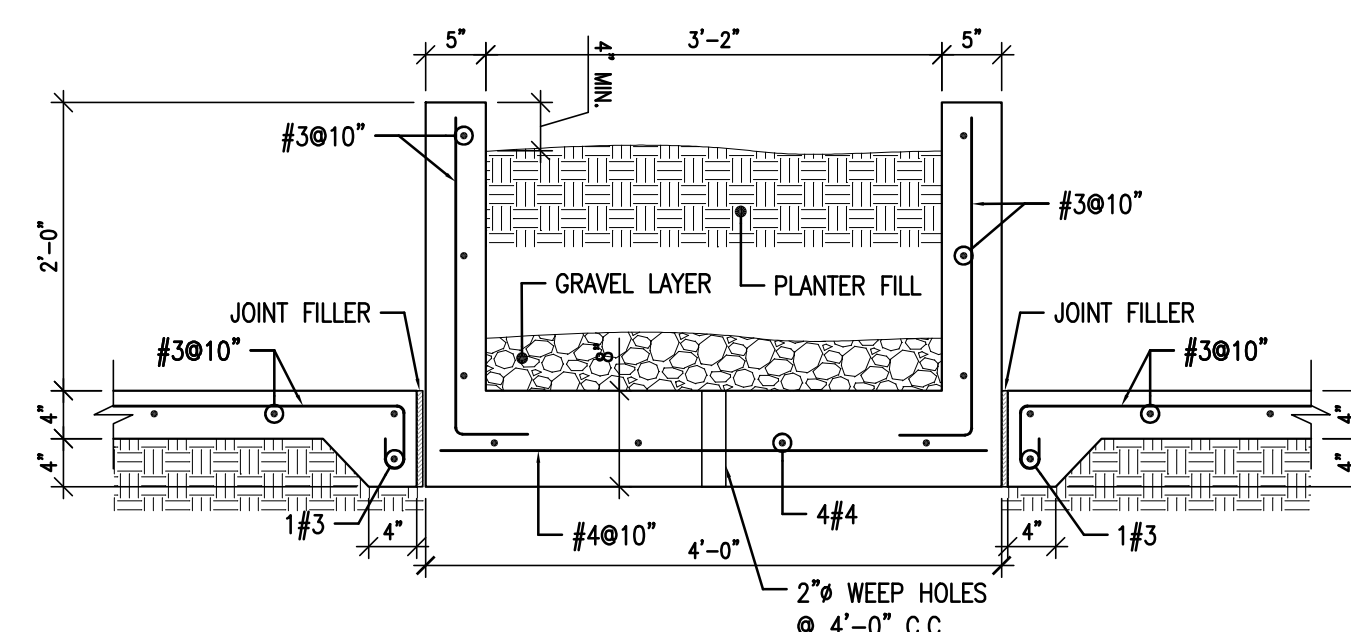
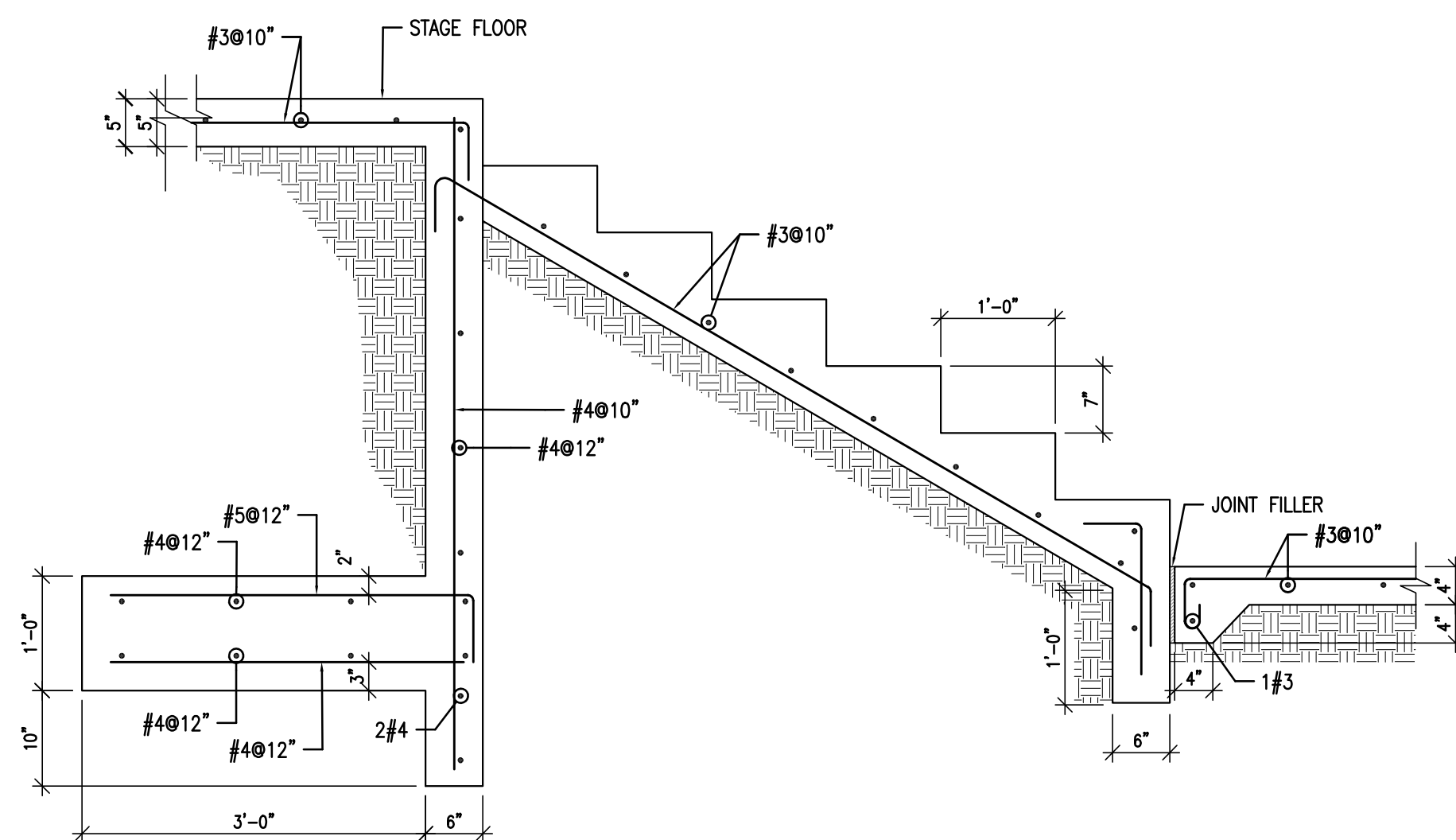
SECTION

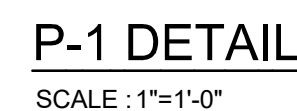
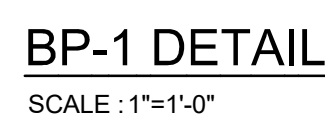
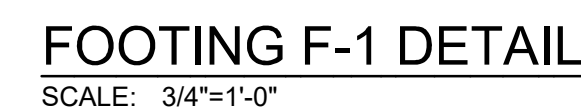
SCALE: 3/4"=1'0"

12

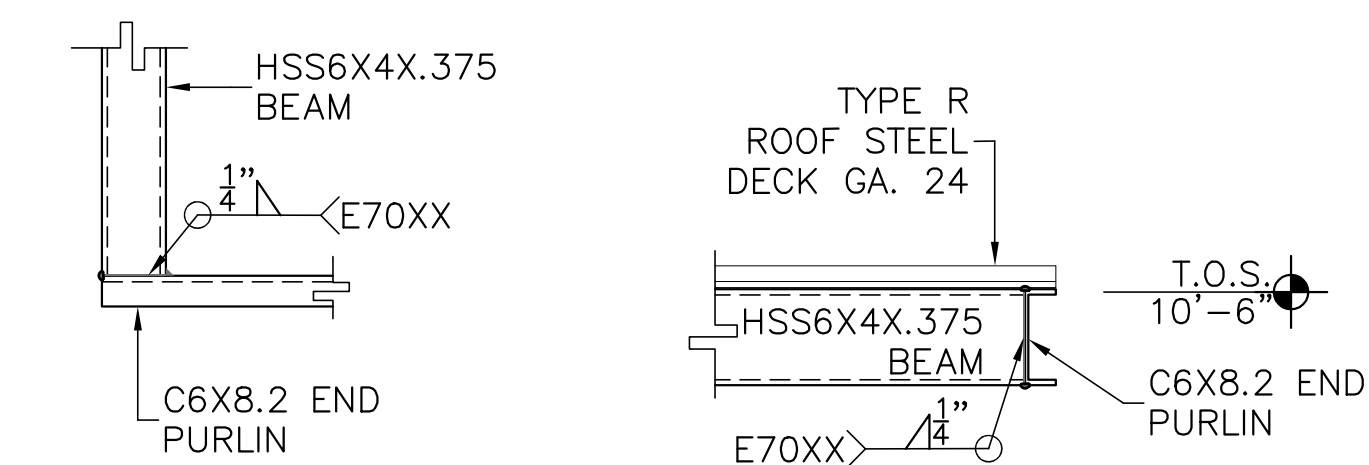
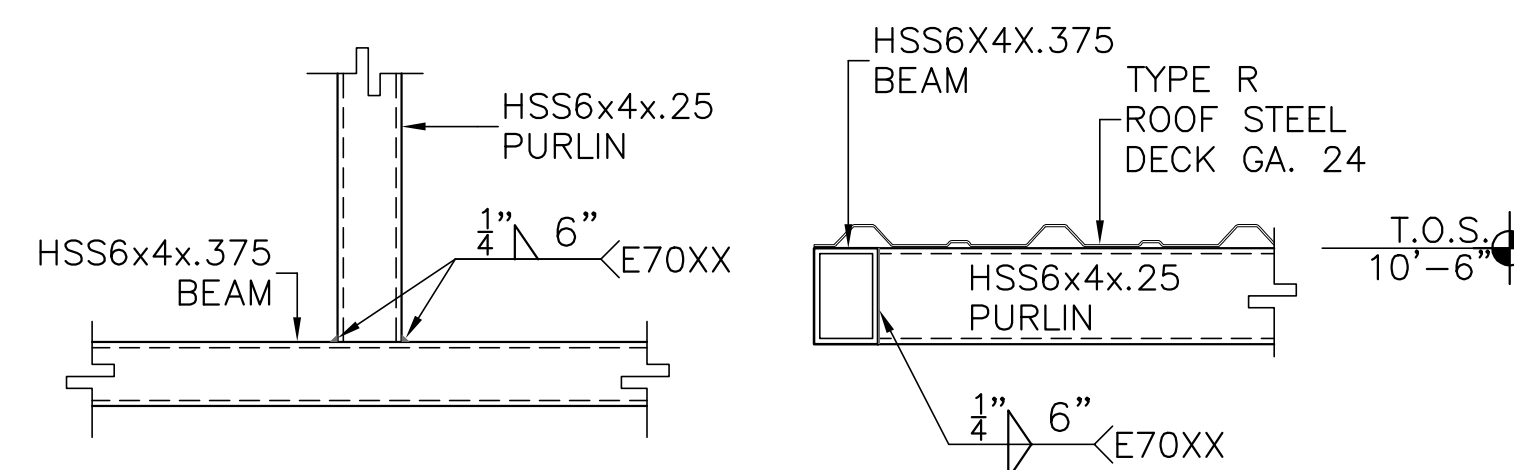
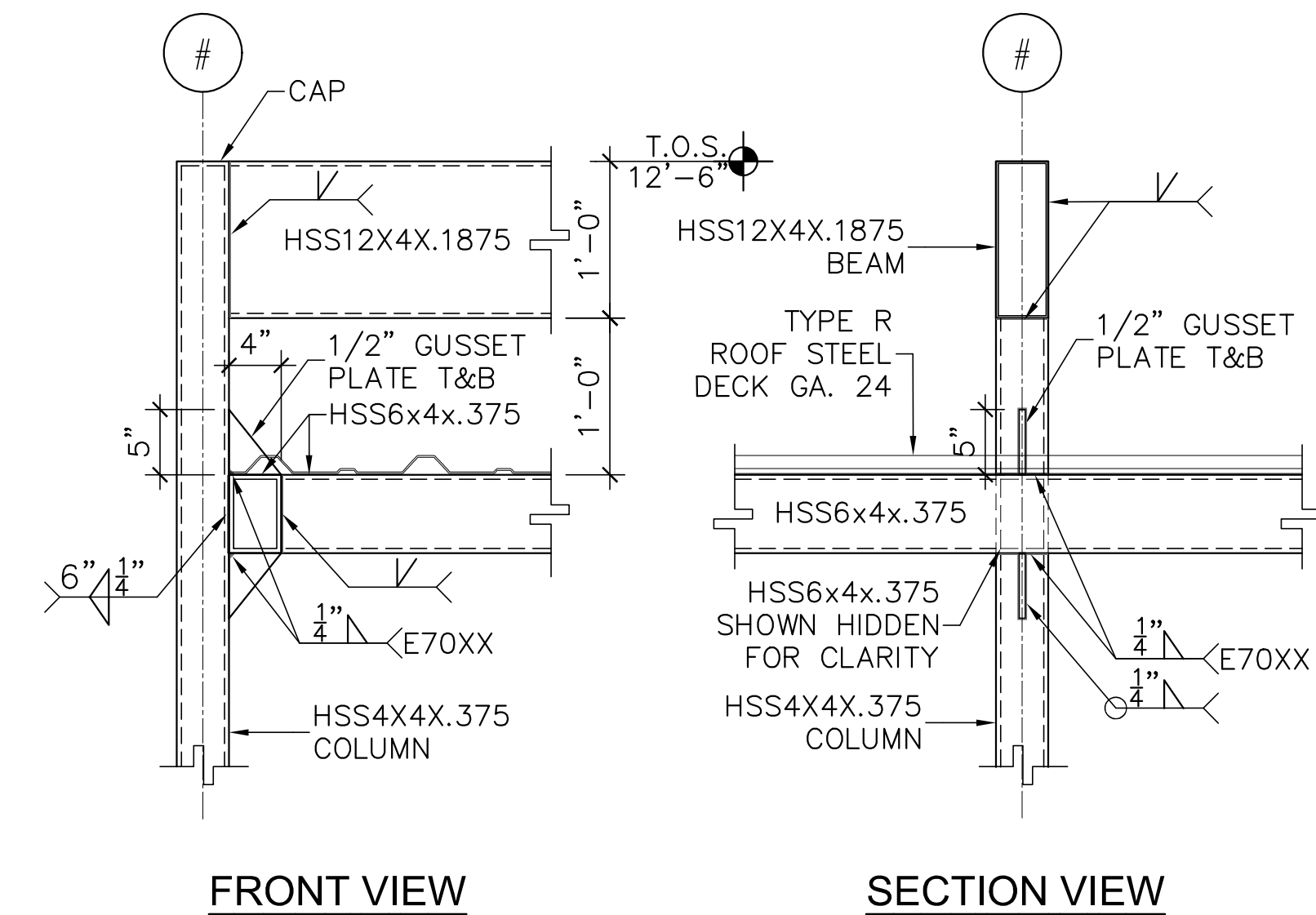
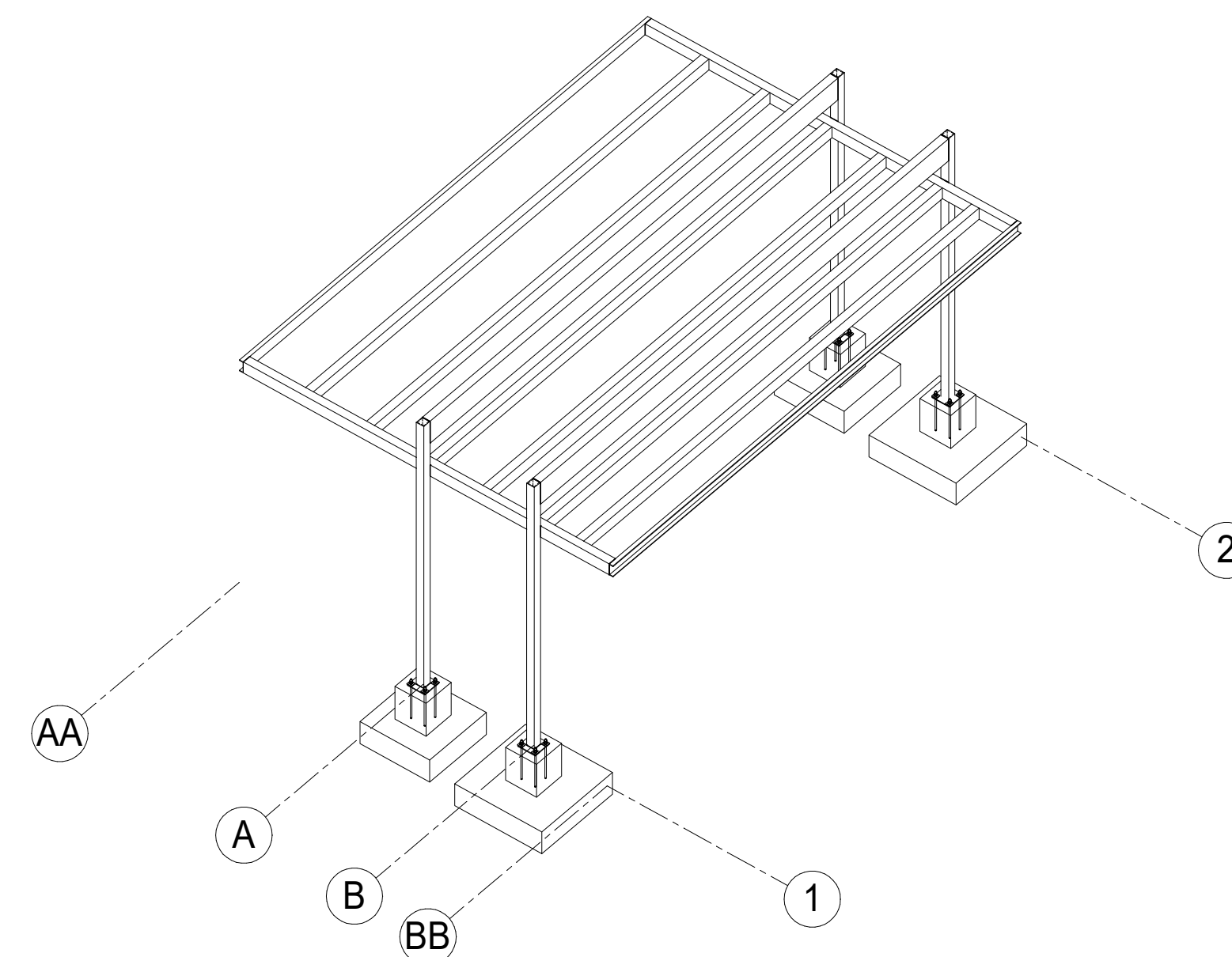
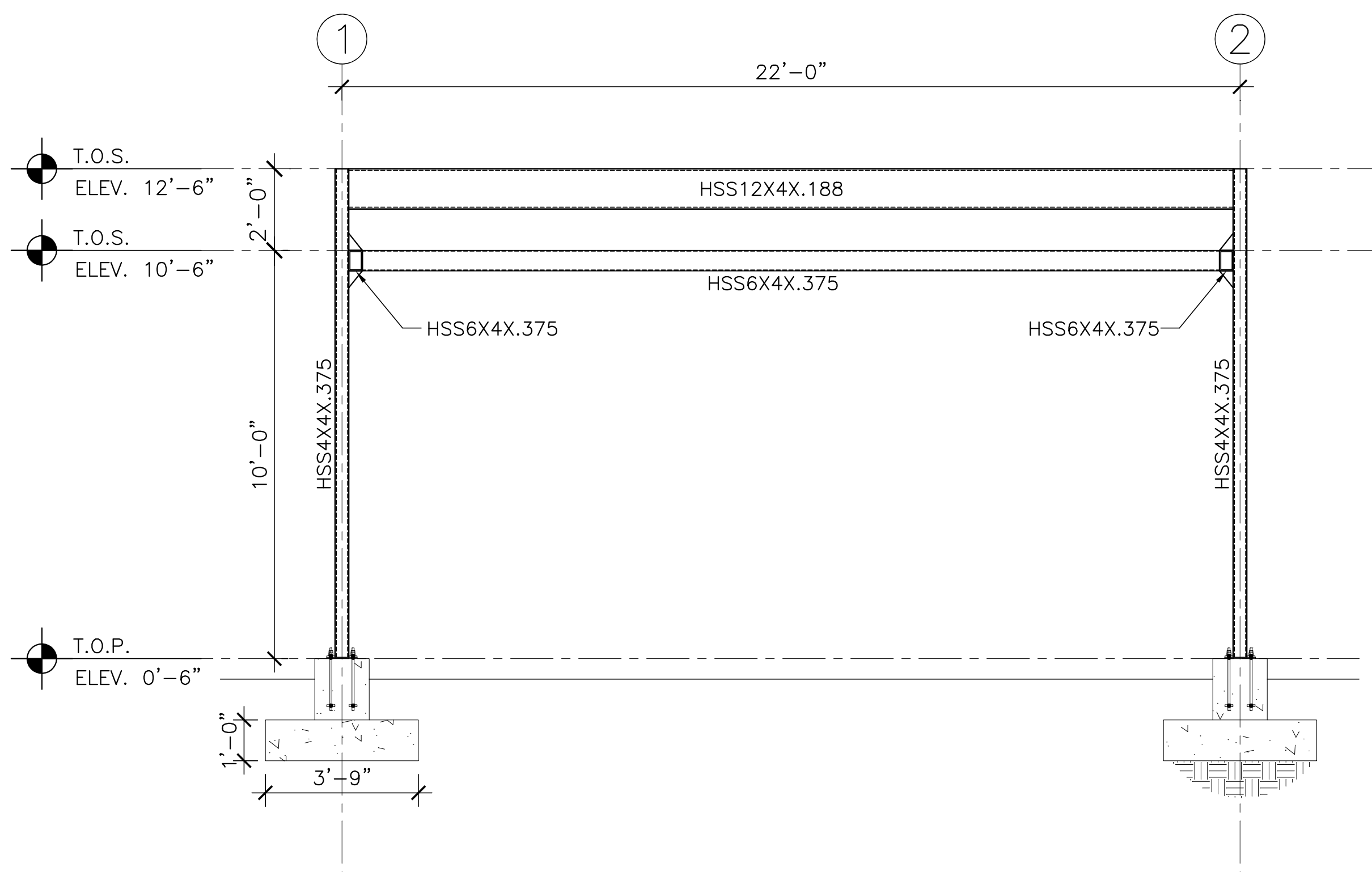
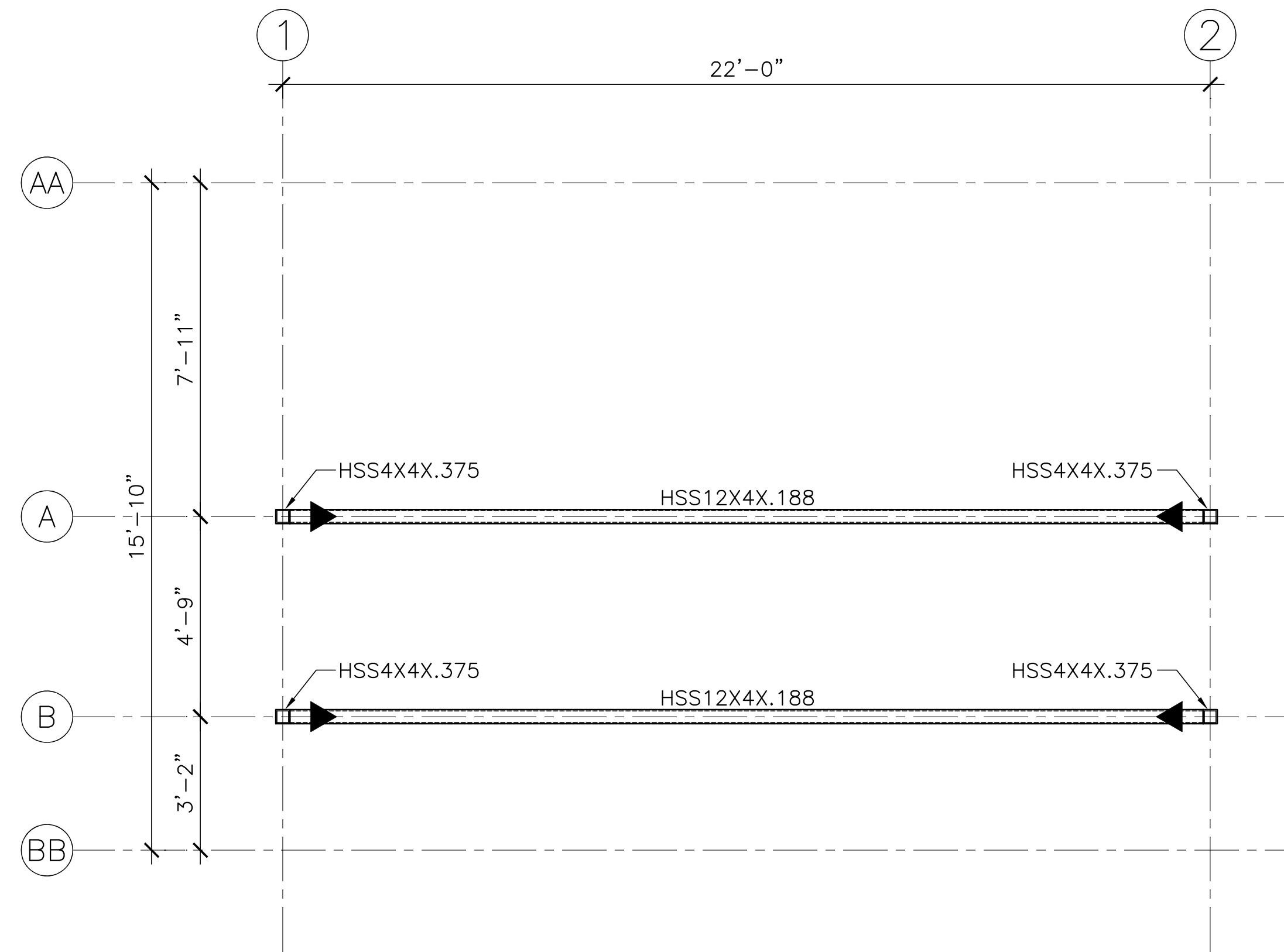
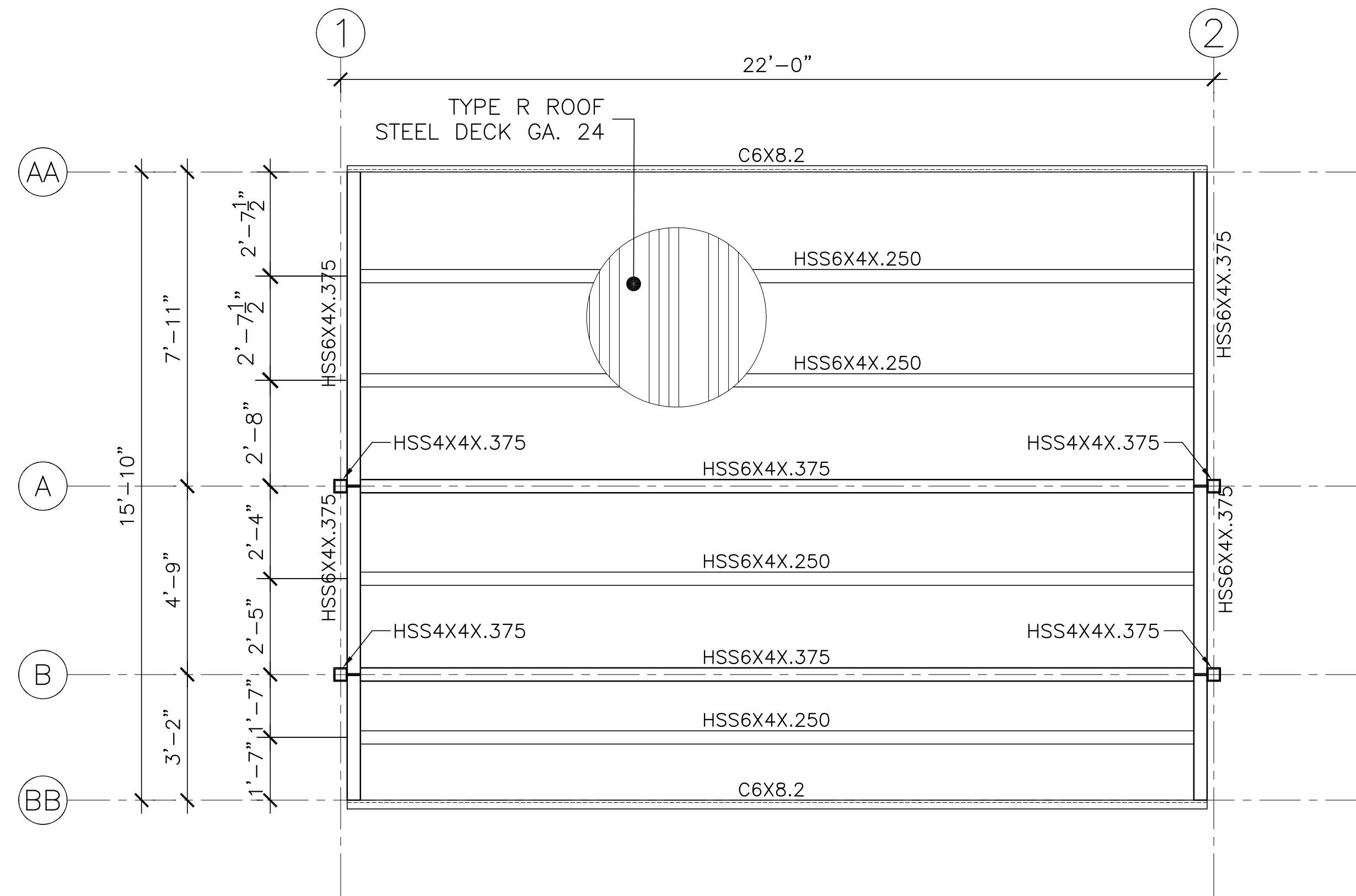
S101







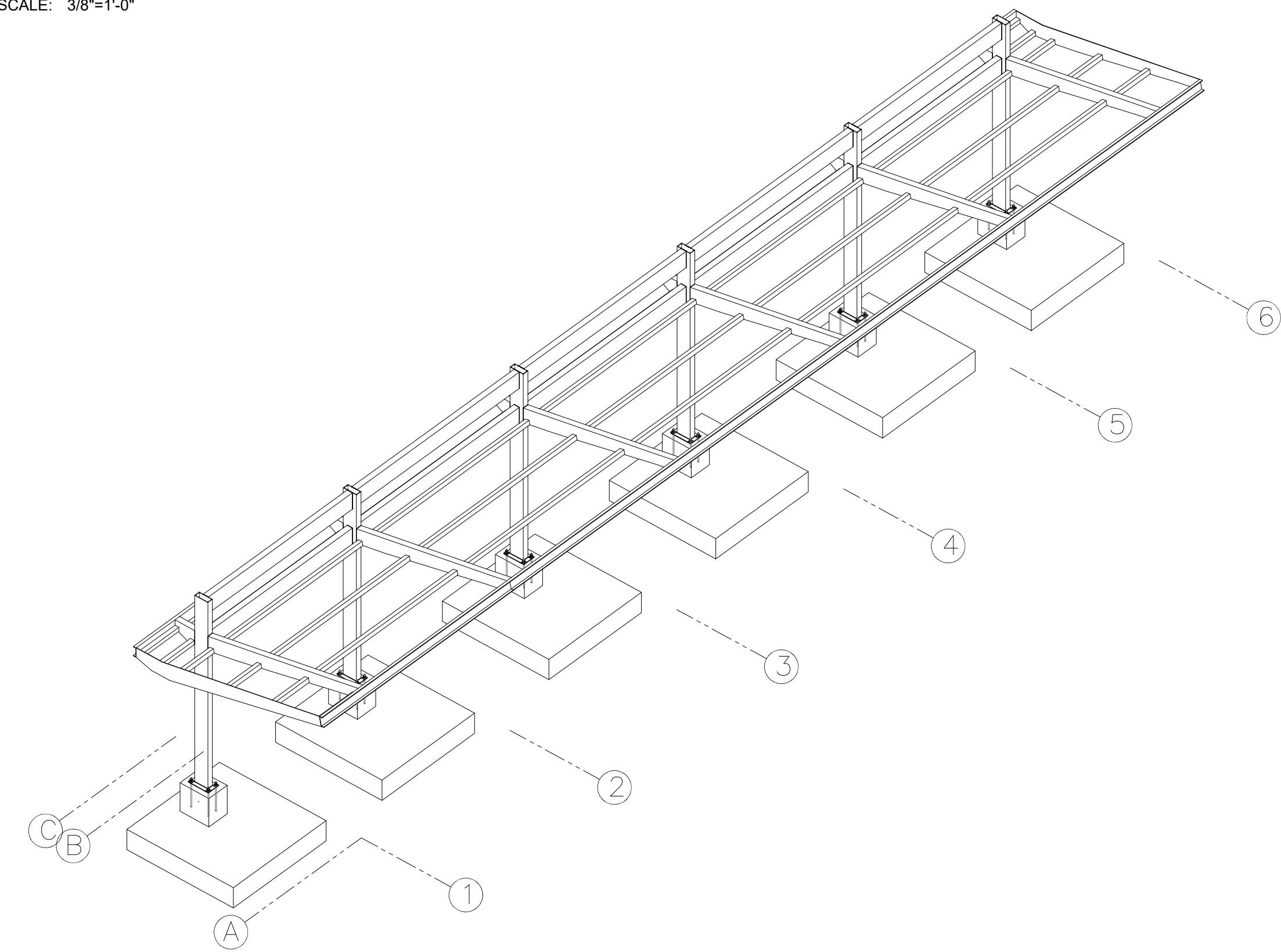
FOOTING SCHEDULE							
FOOTING TYPE	FOOTING DIMENSIONS				FOOTING REIN.		REMARKS
	A	B	D	H	R-1	R-2	
F-1	3'-0"	3'-0"	12"	2'-0"	#4#5	#4#5	TOP REIN. #4@12" E.W.
F-2	3'-9"	3'-9"	12"	2'-0"	#5#5	#5#5	TOP REIN. #4@12" E.W.



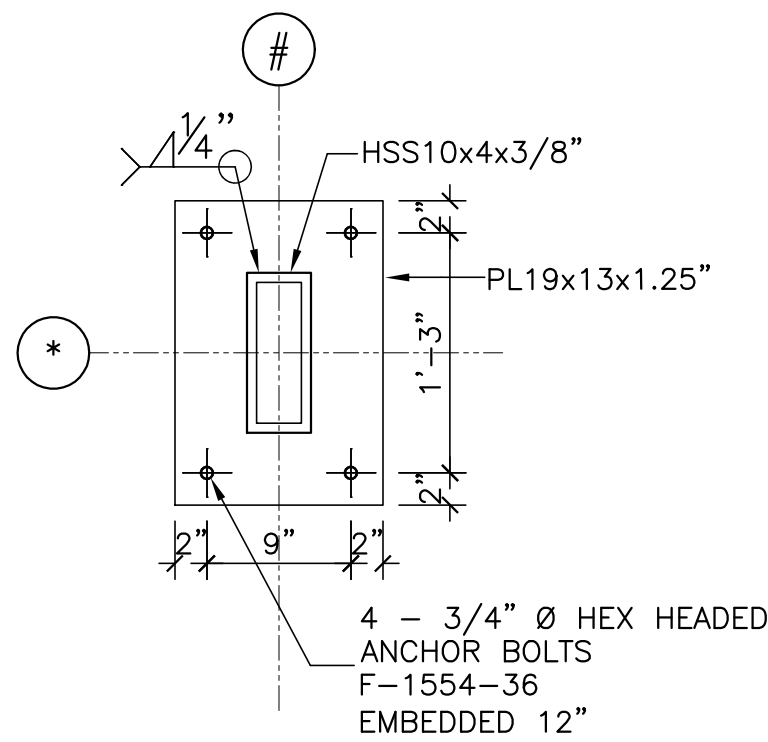
LEGEND:

▶ MOMENT CONNECTION

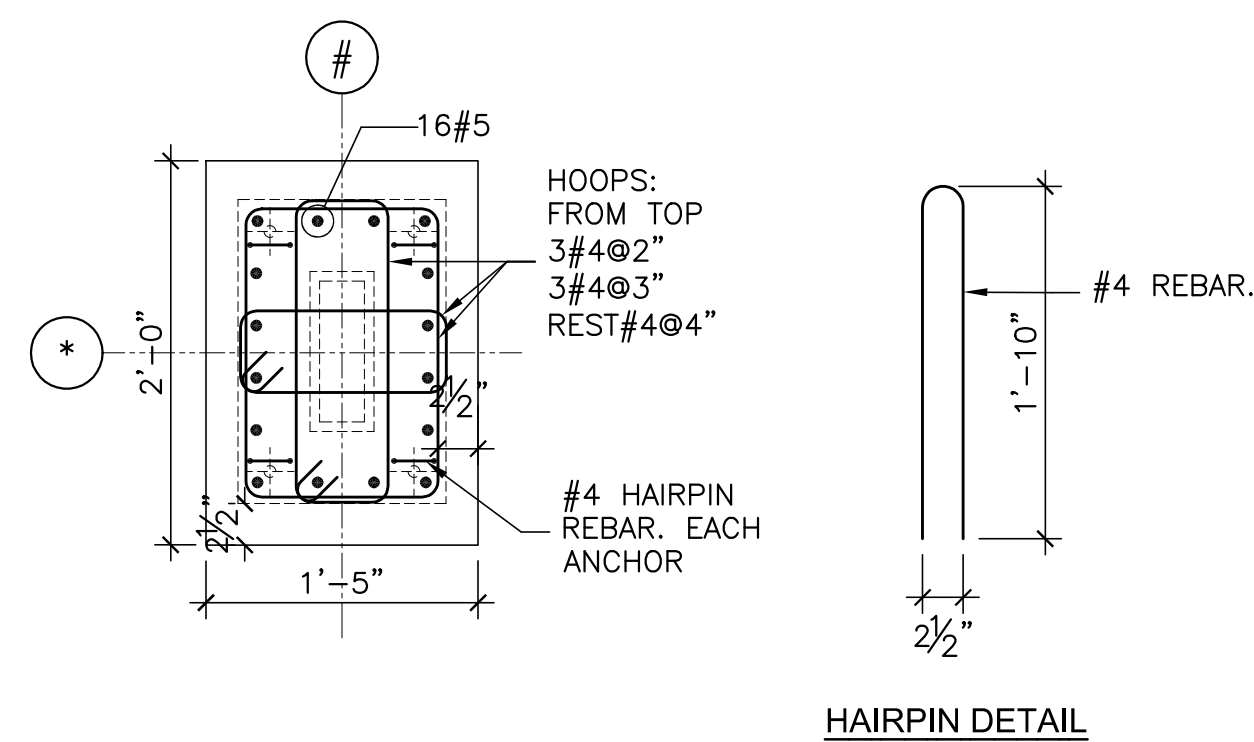
LONG TRELLIS FOUNDATION PLAN
SCALE: 3/8"=1'-0"



3D VIEW
SCALE: 1/4"=1'-0"

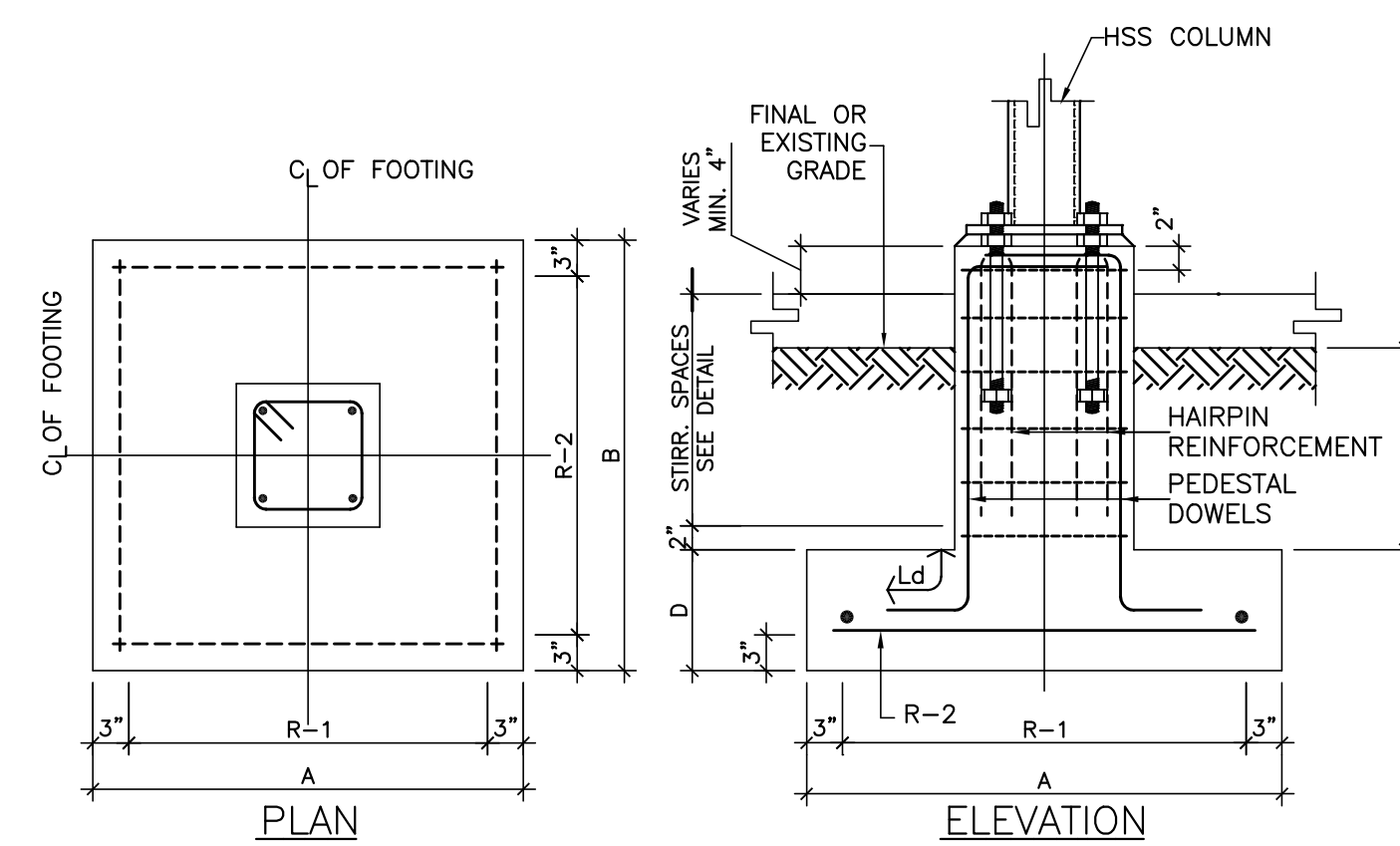


BP-1 DETAIL
SCALE : 1"=1'-0"



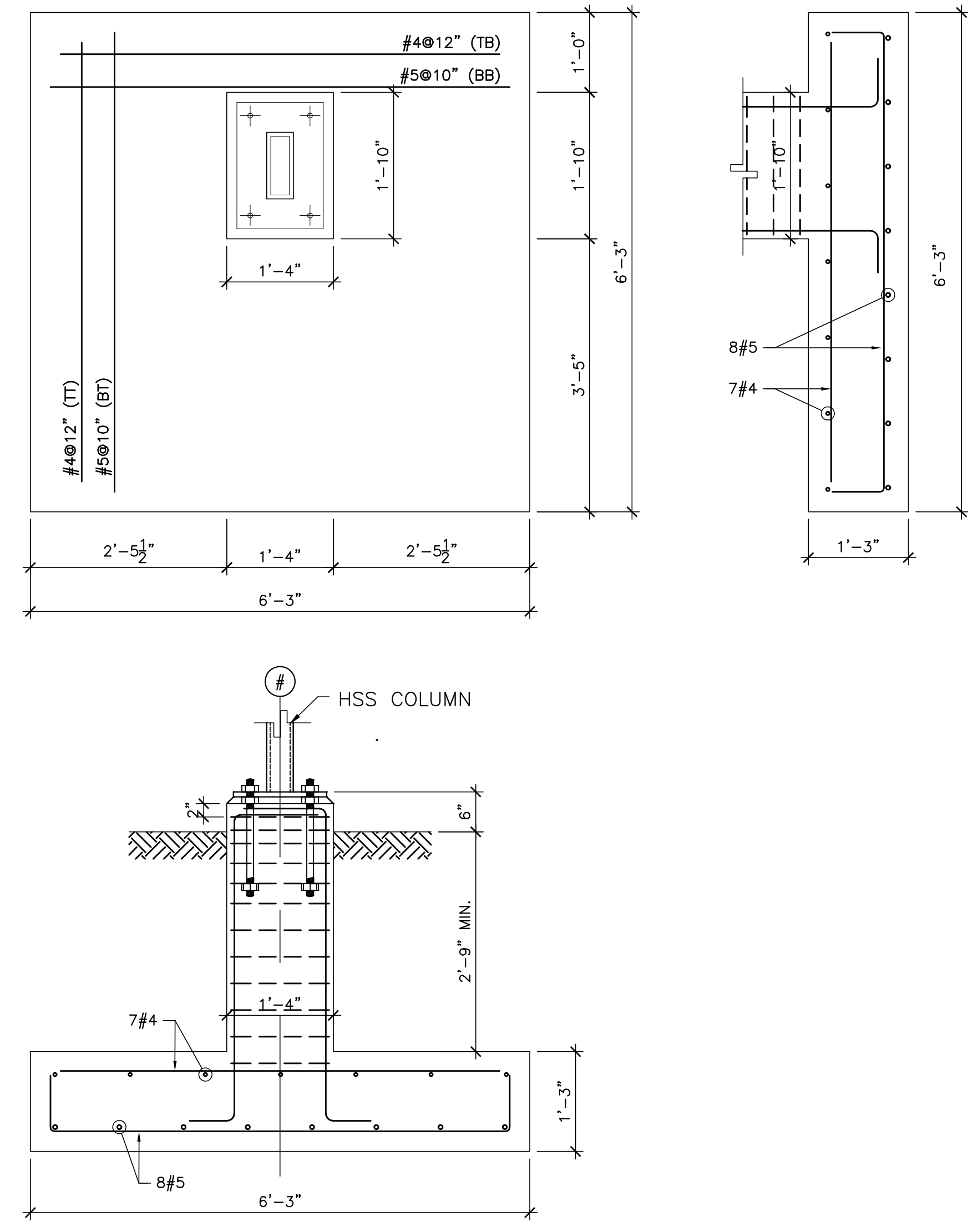
P-1 DETAIL
SCALE : 1"=1'-0"

HAIRPIN DETAIL



TYPICAL FOOTING DETAIL

FOOTING SCHEDULE							
FOOTING TYPE	FOOTING		DIMENSIONS		FOOTING REINF.		REMARKS
	A	B	D	H	R-1	R-2	
F-1	6'-3"	6'-3"	15"	3'-0"	8#5	8#5	TOP REINF. #4@12" E.W.



FOOTING F-1 DETAIL
SCALE: 3/4"=1'-0"

STAGE FOUNDATION PLAN
SCALE: 3/8"=1'-0"

NOTE:
SEE SECTIONS 21, 22 & 23 ON SHEET
S101 FOR STAGE FLOOR DETAILS

FOOTING F-1 DETAIL
SCALE: 3/4"=1'-0"

BP-1 DETAIL
SCALE: 1"=1'-0"

P-1 DETAIL
SCALE: 1"=1'-0"

BP-2 DETAIL
SCALE: 1"=1'-0"

P-2 DETAIL
SCALE: 1"=1'-0"

HAIRPIN DETAIL

TYPICAL FOOTING DETAIL

FOOTING TYPE	FOOTING DIMENSIONS				FOOTING REINF.		REMARKS
	A	B	D	H	R-1	R-2	
F-1	3'-6"	3'-6"	15"	2'-6"	5#5	5#5	TOP REINF. #4@12" E.W.
F-2	4'-0"	3'-6"	15"	2'-6"	5#5	5#5	TOP REINF. #4@10" E.W.
F-3	4'-0"	4'-0"	15"	2'-6"	5#5	5#5	TOP REINF. #4@10" E.W.
F-4	4'-6"	4'-0"	15"	2'-6"	6#5	5#5	TOP REINF. #4@10" E.W.



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(787) 707-1717
br@brapr.com

YO, ESTEBAN LLOP RAMIREZ, LIC. 21508, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTENDO QUE DICHS 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 JURISDICCION. CERTIFICO, ADAMÁS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA LEY NÚM. 310 DEL 15 DE JULIO DE 1978, SEGÚN ENMIENDADA, SEGÚN APLICABLE, RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA, FALSIFICACIONES 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 CONCONCIENIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA DOPE.

PROJECT INFORMATION

PR-CRP-000968
REVITALIZATION OF FELISA
RINCON DE GAUTIER
PUBLIC PLAZA

CEIBA PUERTO RICO

NO.	DESCRIPTION	REVISIONS	
		DATE	
A	90% DESIGN DEVELOPMENT	03.22.2023	

DATE ISSUED: 03/22/23
REVIEWED BY: ELLOP
DRAWN BY: ELLOP
DESIGNED BY: ELLOP
BRA PROJECT NUMBER: 22010

SHEET TITLE

STAGE STRUCTURE
FOUNDATION PLAN
AND DETAILS

SHEET ID

S221

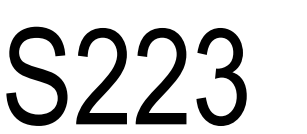


Exhibit 10: Sole Source Aquifers – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735

Coordinates: 18.264664, -65.648287



ArcGIS Web AppBuilder



8/23/2024, 12:05:05 PM

Sole_Source_Aquifers



Site



Project Point



1:4,514
0 0.04 0.07 0.14 mi
0 0.05 0.1 0.2 km

U.S. Environmental Protection Agency

Spatial Reference: NAD83 StatePlane
Puerto Rico Virgin Islands FIPS 5200 Feet

Source:

<https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b>

Exhibit 11: Wetland – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico 00735

Coordinates: 18.264664, -65.648287



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands



August 23, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland



Site

+ Project Point

- 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.

Spatial Reference: NAD83 StatePlane Puerto Rico Virgin Islands FIPS 5200 Feet

Source:

<https://fwsprimary.wim.usgs.gov/server/rest/directories/arcgisoutput>

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Exhibit 12: Wild and Scenic Rivers – PR-CRP-000968

Address: 267 Ave. Lauro Piñero, Ceiba, Puerto Rico
00735

Coordinates: 18.264664, -65.648287



Letter ANSI A Landscape



August 23, 2024

- Site
- Wild and Scenic Rivers
- 📍 Project Point

1:144,448
0 1 2 4 mi
0 1.75 3.5 7 km
Earthstar Geographics
Spatial Reference: NAD83 StatePlane Puerto Rico
Virgin Islands FIPS 5200 Feet
Source:
[https://nepassisttool.epa.gov/nepassist/nepama
p.aspx](https://nepassisttool.epa.gov/nepassist/nepama p.aspx)