

Environmental Assessment
Determinations and Compliance Findings for HUD-assisted Projects
24 CFR Part 58

Project Information

Project Name: Centro Multidisciplinario Veve Calzada (PR-CRP-000890)

Responsible Entity: Puerto Rico Department of Housing (PRDOH)

Grant Recipient: Municipality of Fajardo

State/Local Identifier: Puerto Rico

Preparer: Kennly Santillana/Anil Desa

Certifying Officer:

Aldo A. Rivera Vázquez, Director, Permits and Environmental Compliance Division
Sally Z. Acevedo-Cosme - Permits and Environmental Compliance Specialist
Pedro de León Rodríguez - Permits and Environmental Compliance Specialist
Maria T. Torres-Bregón - Environmental Compliance Manager
Angel G. López Guzmán - Deputy Director, Permits and Environmental Compliance Division
Ivelisse Lorenzo Torres - Permits and Environmental Compliance Specialist
Santa Ramírez Lebrón - Permits and Environmental Compliance Specialist
Janette I. Cambrelen - Permits and Environmental Compliance Specialist
Limary Vélez Marrero - Permits and Environmental Compliance Specialist
Mónica Machuca Ríos - Permits and Environmental Compliance Specialist
Priscilla Toro-Rivera – Permits and Environmental Compliance Specialist
Abdul Feliciano Plaza - Permits and Environmental Compliance Specialist
Javier Mercado Barrera - Permits and Environmental Compliance Specialist

Consultant (if applicable): Ingenium PSC/ Plexos Group

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

Project Location: Address: Bo. Pueblo Sect. Veve Calzada Ave. El Veterano (PR-986) Fajardo PR 00738

ENVIRONMENTAL ASSESSMENT

1. PROJECT DESCRIPTION

1.1. Project Location

The proposed project is in the vicinity of the Veve Calzada community of the municipality of Fajardo, Puerto Rico. Its coordinates are N 18.332736, W -65.657779 and the Cadastre Number is 150-025-581-02.

Figure 1. Location



Figure 2. General Project Location – (Google Earth)

https://earth.google.com/web/search/veve+calzada,+FAJARDO+PR/@18.33296702,-65.65739874,16.14406079a,630.42008725d,35y,0.00000001h,4.40420661t,-Or/data=CigiJgokCX6xhG-pmEPAEfA-61G_uErAGU_ILPAWglBAIaJnUO7bUSHAOGMKATA



Figure 3. Aerial Photography – (Google Maps)

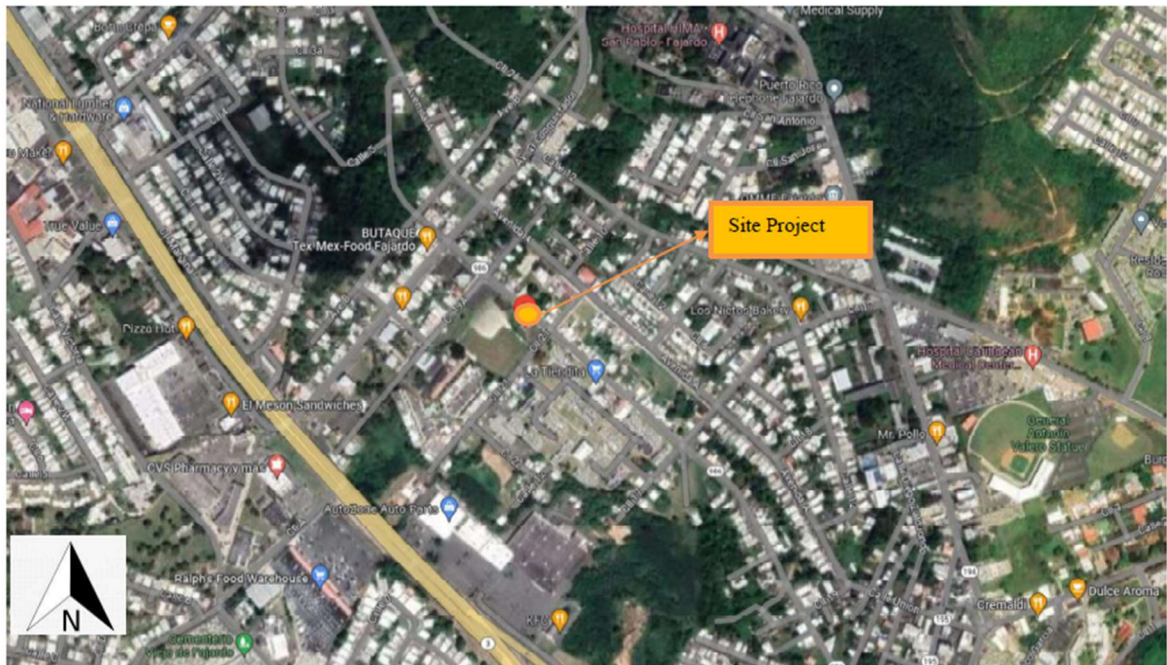


Figure 4. Scope of Work – Floor Plan



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

The project area is located in the Veve Calzada community at the Municipality of Fajardo at Lat. 18.33258253 and Long. -65.65821514 and cadaster number 150-025-581-02. The site project involves three structures: Building A with an area of 1,563 square feet will be renovated and expanded to 3,742 sf, Building B with an area of 1,289 square feet will be demolished and Building C with an area of 2,286 square feet will remain unchanged as a boxing gym.

Building A involves the rehabilitation of a one-story structure to serve as a Multidisciplinary Center aimed at providing services to the community, of which 85% of its residents live on low and moderate income. Medical services, an electronic library, a recreational room, and restrooms for visitors and employees will be provided and administered by the Municipality of Fajardo, which has already established a similar program in another community. This Multidisciplinary Center has also served residents of the Veve Calzada community before, providing medical, educational, and recreational services. In addition to revitalizing the storm-affected community by providing essential services, the proposed Multidisciplinary Center will also turn into a resilient community center equipped with educational, health, and economic development programs that prepare and support residents before, during, and after the storm.

The structure of Buildings B with an area of 1,289 square feet will be demolished because of its poor condition and the potential for structural collapse.

The structure of Building C, with an area of 2,286 square feet, remains unchanged as a boxing gym.

Excavations, and ground disturbances include the following:

- Perimeter fence posts: 3' 6"
- Building foundations: 4' 6"
- Tree planting: 2'

- Slabs 6"
- Demolitions: Building B (1,289 Square feet) and existing perimeter fence
- Vehicle Tire Washing Pad: anchored with stakes 2"
- Silt Fencing for erosion control: 6" anchoring trench
- Generator pad: 1'
- Rubber wheel stop anchored with bolt: 10"
- Water Tank Pad: 6"
- Garbage station: 4"
- Planters' rebar: 8"

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

After the impact of Hurricane Maria through the island in September of 2017, buildings in place lost its structural components, becoming a public safety hazard. After the atmospheric event, the community lost their safety place where they received medical services, education and recreational services. These conditions have led to the need to design and construct structures that are secure and safe, where the community can feel secure in the multidisciplinary center and can be used as a shelter if necessary.

The center will provide a safe space with the capacity to support critical and emergency elements consisting of communication systems, solar panels, and batteries or power plant, potable water tank, emergency preparedness plan and basic medical and other supplies necessary in case of an emergency.

The project includes the structural renovation of one of the property building in accordance with the new construction and design codes to increase the structure resistance.

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

The municipality of Fajardo suffered severe damage during Hurricanes Irma and Maria leading to the deterioration of the area including the urban center. The proposed project is located at Veve Calzada community between PR-986, street 19A and street 21 at the Municipality of Fajardo. Three structures currently exist on the site area. The site project involves three structures, where one will be renovated, other will be demolished and one will be remained unchanged. The construction site lies in an area in compliance with

regulatory requirements. The surrounding neighborhood consists of residential areas, restaurants, small businesses and shopping center. The development of the center will provide a safe space with the capacity to use as an emergency shelter if necessary. This project is an important part of the Municipality's revitalization of the urban area. If this project is not completed, the buildings will continue to be in disuse, contributing to the blight in the area.

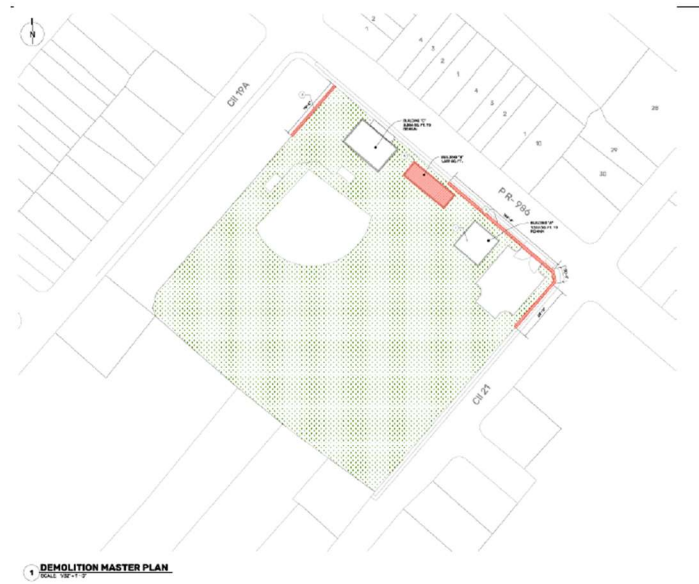
1.4.1 Panoramic view of from the northwest sidewalk of 19th Street.



1.4.2 Project (Parcel) Location – Area of Potential Effect Map (Aerial). Source: Google Earth Pro, 2021.



1.4.3 Demolition Master Plan (C100). Ingenium Profesional Group, Improvements to Centro Multidisciplinario Veve Calzada, Fajardo, Phase 90 %. 2024



1.4.4 Full front elevation of multidisciplinary center (Building A- to be renovated)



1.4.5 Left elevation of multidisciplinary center. (Building A- to be renovated)



1.4.6 Full front elevation of bathroom structure. (Building B- to be demolished)



1.4.7 Rear elevation of bathroom structure. (Building B- to be demolished)



1.4.8 Rear elevation of boxing gym structure (Building C-remain unchanged).



1.4.9 Interior of boxing gym structure (Building C-remain unchanged).



1.4.10 Streetscape, Buildings A and B from El Veterano



Funding Information

Grant Number	HUD Program	Funding Amount
B-17-DM-72-0001	Community Development Block Grant- Disaster Recovery (CDBG-DR), Puerto Rico Department of Housing (PRDOH)- City Revitalization Program	\$11,938,162,230.00
B-17-DM-72-0001		
B-18-DE-72-0001		
B-18-DP-72-0001		
B-19-DP-78-0002		

Estimated Total HUD Funded Amount:

\$2,173,719.39

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$2,173,719.39

2. 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 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is not located in an airport zone or potential accident area. The project will not affect any airports and complies with HUD airport hazard regulations. The project site is located 34,237 Feet from the nearest civil airport (Jose Aponte de la Torre Airport), and 131,721 Feet from the nearest military airport (Luis Muñoz Marin Airport).

		<p>Therefore, the project is in compliance with this regulation.</p> <p>See Exhibit 1 https://nepassisttool.epa.gov/nepassist/nepamap.aspx</p>
<p>Coastal Barrier Resources</p> <p>Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is not located in a coastal barrier coastal resource area. The project is 8,765 feet from the nearest coastal barrier resource. This project does not affect a CBRS unit and complies with the CBRS Act and complies with the Coastal Barrier Resources Act.</p> <p>See Exhibit 2</p> <p>Map Coastal Barriers Sources Document: https://www.fws.gov/program/coastalbarrier-resources-act/maps-and-data</p>
<p>Flood Insurance</p> <p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project site is within FEMA designated Zone X, an area of minimal flood hazard. Flood Disaster Protection Act of 1973 and Flood Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]. FEMA has not issued a preliminary FIRM for this location.</p> <p>The project is in compliance with Flood Insurance requirements.</p> <p>See Exhibit 3</p> <p>Sources documents: Flood Insurance Rate Map 72000C0810J Effective Date: 11/18/2009 https://msc.fema.gov/portal/home</p>
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The air quality nonattainment zone map indicates that the project site is not located in a nonattainment or maintenance zone for any criteria pollutants. No further evaluation is required. During the work sites, the contractor will implement controls to fugitive dust.</p> <p>The project is in compliance with the Clean Air Act requirements.</p> <p>See Exhibit 4</p>

STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The proposed action will not directly, indirectly or cumulatively indirectly or cumulatively affect any natural resources, land uses or water uses in the coastal zone. The nearest coastal zone is approximately 8,760 feet from the project site. The proposed action is fully consistent with the Coastal Zone Management Program.</p> <p>See Exhibit 5</p>
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The site was occupied by houses built in the 1950's. Circa 1970, the houses were demolished, and Buildings B and C were constructed. Building A, a one-story concrete structure is the most recent of the 3 structures. These buildings have been used as social buildings for many decades.</p> <p>The project has regulated sites within 3000 feet of the project site. The ECHO reports show that the only site that has violations in the past three years is the Municipality of Fajardo, located at City Hall on Calle Munoz Rivera in Fajardo. The violations are not significant and are related to noncompliance (failure to properly install/implement BMP's for storm water) and hence, pose no threat to the project A field inspection performed on December 20, 2024, did not indicate the presence of underground storage tanks or toxic substances (see Exhibit 6C). There will be no increased risk associated with the proposed project.</p> <p>The proposed project is not on any EPA Superfund National Priorities List or CERCLA.</p> <p>Innovate performed an inspection for lead based paint on September 21, 2023, and prepared a report dated September 23, 2023 (see Exhibit 6 B). Positive lead-based paint was not detected during this inspection.</p>

		<p>Innovate performed an inspection and testing for asbestos containing materials (ACM) on September 21, 2023, and prepared a report dated September 23, 2023 (see Exhibit 6 A). No ACMs were found during this inspection.</p> <p>The project is not exempt from HUD's radon regulations (CPD-23-103) as it includes buildings that may be occupied for 4 or more hours a day. However, radon testing is infeasible and impracticable in Puerto Rico (see memo in Exhibit 6D). Therefore, the project is in compliance with Contamination and Toxic Substances requirements.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>The USFWS self-certification letter was sent to USFWS on March 5, 2025, and USFWS signed the letter on March 24, 2025. The distance to the nearest critical habitat is 1.7 miles (8,976 feet). The iPaC tool indicated that the project is not likely to adversely affect the endangered Puerto Rican Boa.</p> <p>If a Puerto Rican Boa is found, work will stop until it is relocated from the site or, failing that, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) will be contacted for the safe capture and relocation of the animal.</p> <p>This project is in compliance with the Endangered Species Act.</p> <p>See Exhibit 7</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The rehabilitation of the building will not result in an increase in the number of people exposed to hazardous operations by increasing residential densities, converting the building use to habitation or making a vacant building habitable. The project does not involve explosive or flammable materials or operations.</p> <p>As the use of the project site involves gathering of people, a report was prepared to evaluate the presence of above-ground storage tanks (ASTs) containing hazardous material within a 1-mile radius of the project in accordance with 24CFR Part 51 (See Exhibit 7A).</p> <p>A site visit was performed on May 14, 2025, and images on google earth were reviewed to detect the presence of</p>

		<p>the AST's. Below is a list of AST's and their allowable separation distance (ASD) calculated using the tool on HUD Exchange: Residence 1 – 200-gallon tank at 475 feet from the project (ASD is 141 feet); Residence 2 – 150-gallon tank at 490 feet from the project (ASD is 125 feet); AEE Substation – 300 gallon tank at 1.150 feet from the project (ASD is 167 feet). As the above tanks are located at a distance greater than the ASD, they are compliant with the regulations and no further evaluation is required. Therefore, the project is in compliance with 24 CFR Part 51 Subpart C.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project to be carried out is on non-prime farmland urban land. The project will not include any activities that could potentially convert agricultural land to nonagricultural uses.</p> <p>The project is in compliance with Farmlands Protection requirements.</p> <p>See Exhibit 8</p> <p>Source documents: Web Soil Survey (usda.gov)</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55 as amended by Executive Order 13690</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project site is not within a floodplain as determined by the 0.2 percent flood approach and the Advisory Base Flood Elevation (ABFE) map. The project is in Zone X (unshaded) which is outside the 0.2 percent annual chance floodplain. The project involves the rehabilitation of a building and the demolition of another building and is not a critical action. Hence, the project is in compliance with Floodplain Management requirements.</p> <p>ABFE Effective Date: 4/13/2018</p> <p>See Exhibit 9</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Puerto Rico State Historic Preservation Office (SHPO) and local historic preservation commissions were consulted for the proposed activities on April 3, 2024. In letter on May 3, 2024, the Section 106 SHPO consultation</p>

1966, particularly sections 106 and 110; 36 CFR Part 800		<p>coincides with the determination that no historic properties affected for this undertaking.</p> <p>However, SHPO must be immediately notified if historic properties are discovered at any point during project implementation.</p> <p>See Exhibit 10</p>
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 <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The project would not create new sources of noise and will have no noise impacts. There is no new construction for residential use and no rehabilitation of an existing residential property. The contractor will use adhere to local regulations to minimize the noise during construction. Hence, the project is in compliance with Noise Abatement and Control requirements.</p>
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The project is not supplied by a US EPA-designated aquifer, is not located within a Sole Source Aquifer, and would not affect a Sole Source Aquifer.</p> <p>There are no EPA Sole Source Aquifers in Puerto Rico, the project meets the Sole Source Aquifer requirements. The nearest sole source aquifer is in Florida and is approximately 1,062 miles (5,607,360 feet) from the project. The project is in compliance with Safe Drinking Water Act.</p> <p>See Exhibit 11</p> <p>Sources documents: https://nepassisttool.epa.gov/nepassist/nepa/map.aspx </p>
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>According to the National Wetland Inventory Map, the proposed project does not affect wetland areas. The closest wetland is 720 feet from the project and is designated as a riverine wetland (R5UBFx). There are no wetlands within or adjacent to the project area. Hence, the project is in compliance with Wetland Protection requirements.</p> <p>·</p> <p>See Exhibit12</p>

		<p>Sources documents:</p> <p>https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/</p> <p>https://nepassisttool.epa.gov/nepassist/nepa-map.aspx</p>
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>No wild and scenic rivers are located within the Municipality of Fajardo. The closest wild and scenic river is located in El Yunque at 39,788 Ft. Hence, this project is in compliance with the Wild and Scenic Rivers Act.</p> <p>See Exhibit 13</p> <p>Sources documents:</p> <p>https://nepassisttool.epa.gov/nepassist/nepa-map.aspx</p>

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

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

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

- (1) Minor beneficial impact**
- (2) No impact anticipated**
- (3) Minor Adverse Impact – May require mitigation**
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement**

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	<p>According to the current qualification map, the land is in DT-P (Dotacional Parque), this district promotes the preservation of the open character of large spaces and their dedication to public recreation as places of passive and active recreation. Permitted uses will be compatible with the purposes of this district and include parks and outdoor recreational facilities (requiring that parking be located at least 15 meters from any lot line and any administration or maintenance building be located less than 10 meters from the lot line). Guidelines for design parameters and permitted construction in the DT-P District are available.</p> <p>The proposed project is in Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design of site.</p> <p>See Exhibits 14 and 15</p>
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	<p>Soil Report UI- (Urban Land)- The proposed action is the construction of the Multidisciplinary Center in the urban area of Fajardo. Soils are not expected to affect the proposed project as there is no evidence of ground subsidence, seismic activity, or a high-water table at the site. Any soil issues that may have posed previously disturbing issues should have been addressed during the initial construction activities. The site is not on a slope and there is no evidence of erosion or sedimentation at the site. The proposed project consists of approximately 1,289 square feet (.030 acres) to be demolished, of which the surface will be impacted as follows: 90% concrete and 10% landscaping. In addition, the contractor will be required to comply with the SWPPP permit for commercial projects of less than 5 acres. Surface water caused by a rain event will be pre-directed to storm wells located at low points with prevailing 1% slopes and discharged into the existing storm sewer system. The contractor must comply with the CES plan (Sediment and Erosion Control Plan) during the activities in and after use, all surfaces must be covered with grass, concrete, asphalt, or crushed rock. The proposed project site has the infrastructure to meet soil/slope/erosion/drainage/stormwater runoff suitability.</p>

Hazards and Nuisances including Site Safety and Noise	2	<p>During construction, health and safety plans and monitoring must be required to ensure that work is carried out without accidents. The project is well located, and designs will comply with all regulations to reduce risks to the proposed project. These are included in the design as integral components (seismic resistance, engineering designs, fire protection) and can be implemented with the proposed project. The activities would not create new sources of noise and will implement controls to reduce construction noise levels during working hours.</p>
Energy Consumption	3	<p>LUMA presented its comments regarding the proposed project in a letter dated September 14, 2023.</p> <ol style="list-style-type: none"> 1. The Project is located at: Cadastre Number: 150-025-581-02. Project centroid: Projection coordinates in meters +East+North (281928.58, 255440.49). Geographic Coordinates Latitude and Longitude (18.332641, -65.658249) 2. The Connection Point is located at: Projection coordinates in meters +East +North (281994.68, 255414.55). Geographic Coordinates Latitude and Longitude (18.332428, -65.657629) LUMA/PREPA FID 1000328382 3. The Project will be connected to the Connection Point #10 indicated in the sketch that is included. 4. The Connection Point #10 indicated in the sketch is called the “Delivery Point”. Will not transfer to LUMA the electrical infrastructure from that point. The service derived from it is considered exclusive and private, so the maintenance, repair and replacement of the system is the responsibility of the Owner. 5. You must submit a design plan for endorsement and the Certification of Electrical Construction Plans for the corresponding electrical distribution, accompanied by the Special Digital Stamp, and digitally signed. These must be filed through the Single Business Portal (SBP) of the Management Office of Permits (OGPe). (See Technical Communication 18-01 and 17-01); and must comply with the following regulations, guidelines, communications, and specific technical information presented below: <p>See Exhibit 16.</p>
SOCIOECONOMIC		
Employment and Income Patterns	1	<p>The proposed activities will generate temporary work and there will be permanent staff to provide maintenance services for the infrastructure and structure to be rehabilitated. In Building A it</p>

		<p>involves the rehabilitation of a one-story structure to serve as a Multidisciplinary Center aimed at providing services to the community, of which 85% of its residents live on low and moderate income. Medical services, an electronic library, a recreational room, and restrooms for visitors and employees will be provided and administered by the Municipality of Fajardo, which has already established a similar program in another community. All these areas represent the opportunity to create employment. The proposed project will assist in employment and income patterns: therefore, it leads to favorable developments for commercial, industrial, and institutional operations in the project area with better accessibility to the urban area.</p> <p>In addition, the project promotes coordination with community resources and organizations that provide job training and promote job development or job placement for unemployed people. Provide specialized job training for the types of jobs created by the project to support the job placement of workers from local communities.</p>
Demographic Character Changes, Displacement	2	<p>The proposed activities will not significantly affect the demographic characteristics of the Veve Calzada community, the majority of the residents in this community are low-and moderate income. They will promote the local economy and generate new employment opportunities and new business opportunities by having access to the urban area. The proposed activity will allow for a better quality of life for families in the area, reducing racial, ethnic or income segregation in the area. The proposed project will not create physical barriers or access difficulties that isolate a particular neighborhood or population group, nor will it hinder access to local services, facilities and institutions or other parts of the city. The historical, tourism, commercial or residential purposes will not be altered by the project since the proposed activities serve as an auxiliary use to the commercial behavior of the area.</p>
Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	1	<p>The proposed action will provide educational services to the community. The proposed project will not affect cultural facilities.</p>

		<p>The proposed project is located distances of .62 miles of educational facilities and 0.75 miles of cultural facilities.</p> <p>Educational: Dr. Santiago Veve Calzada High School</p> <p>Cultural: Casa Cultural Joaquin Mouliert Melendez</p>
Commercial Facilities	1	<p>The proposed activities will generate new business opportunities and commercial facilities in the surrounding area.</p> <p>The proposed Multidisciplinary Center would in turn increase the demand for local business services. Near the proposed project there are restaurants, gas station, supermarket, passive park, post office, among others, which will have a positive impact with the proposed project since they provide essential and necessary services to the community in general.</p>
Health Care and Social Services	1	<p>The project expects to serve as a Multidisciplinary Center aimed at providing medical and social services to the community, of which 85% of its residents are low-and moderate income. Movement of pedestrians into the area will not affect that trend and therefore will not create the need for additional health care or social service facilities.</p>
Solid Waste Disposal / Recycling	2	<p>The proposed activities would result in the minimum generation of substantial amounts construction debris. This action will not increase municipal solid waste generation in the short term. Once the project is completed, waste generation would be domestic and will be included in the municipal garbage collection route and using the recycling program of the Municipality of Fajardo.</p>
Waste Water / Sanitary Sewers	2	<p>The activities of the users of the Multidisciplinary Center of Veve Calzada will produce a typical generation of wastewater due to the nature of its use. According to the Design Standards of the Puerto Rico Aqueducts and Sewers Authority, the wastewater flow for public works is 350 gallons per day for sanitary services.</p> <p>The connection to the system will be in accordance with the requirements requested in the communication from the East Aqueducts and Sewers Authority / Infrastructure / Public and Private Projects. The Aqueduct and Sewer Authority / Infrastructure / East Public and Private Projects in a letter dated</p>

		<p>December 4, 2023, indicates the connection point for the provision of services.</p> <p>See Exhibit 17</p>
Water Supply	2	<p>During project activities, most of the consumption will not cause increases in water demand in the area. In the operation of the project this service will be connected to the service of the Puerto Rico Aqueducts and Sewers Authority for its operation. According to the Design Standards, the consumption of potable water will be 400 gallons per day for restrooms. The connection to the system will be in accordance with the requirements requested in the communication of the Aqueducts and Sewers Authority / Infrastructure / East Public and Private Projects. The Puerto Rico Aqueducts and Sewers Authority /Infrastructure / East Public and Private Projects in a letter dated December 4, 2023, indicates the connection point for the provision of services.</p> <p>See Exhibit 17.</p>
Public Safety - Police, Fire and Emergency Medical	1	<p>The proposed project is anticipated to be used by the residents of the area. Hence, there will be no additional demand for police, or emergency medical services. The project will provide medical services to the residents. The building will be rehabilitated to the current building code thereby reducing the threat of fire.</p>
Parks, Open Space and Recreation	1	<p>The proposed project activities take place in the center of the city. Community activities promoted will have a positive impact on surrounding open spaces or recreational facilities. The proposed project involves the development of a community amenity for recreation that directly impacts the commercial activities of small and medium businesses adjacent to the proposed project.</p>
Transportation and Accessibility	2	<p>The project aims to rehabilitate buildings in the urban area that are easily accessible, especially to the low- and moderate-income community in the neighborhood. The increase in transportation demand as a result of this project should be minimal.</p>

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The proposed project is not expected to cause any water quality problems at or around the construction site. Construction activities must implement the best management practices and will not imply discharges or sewage effluents to surface water bodies. The project activities are not expected to affect or impact the unique natural features.
Vegetation, Wildlife	2	The proposed activities will take place in the Veve Calzada area of the municipality of Fajardo, and it is not anticipated that trees, vegetation, or native plant community habitats will be adversely affected. The project landscaping includes plants and grass. Per the USFWS self-certification, the project has a not likely to adverse affect (NLAA) determination.
CLIMATE AND ENERGY		
Energy Efficiency	2	The project will use advanced technology for energy saving and renewable energy lighting.

Additional Studies Performed:

Asbestos Containing Material Report

Lead Based Paint Report

Field Inspection (Date and completed by): Angel Sotomayor, December 20, 2024

List of Sources, Agencies and Persons Consulted:

1. MIPR-Planning Board
2. HUD Exchange – Department’s Office of Environment and Energy (OEE)
3. NEPAAssist-National Environmental Policy Act
4. U.S. Fish and Wildlife Service
5. FEMA Flood Map Service Center
6. U.S. Environmental Protection Agency
7. USEPA Enviro Mapper
8. Federal Aviation Administration
9. Office for Coastal Zone Management
10. Google Earth
11. Google Maps
12. National Park Services
13. Environmental Quality Board
14. Department of Natural and Environmental Resources
15. United States Department of Agriculture - Natural Resources Conservation Service
16. LUMA-Engineering & Asset Management
17. Aqueduct and Sewer Authority /Infrastructure / East Public and Private Projects

List of Permits Obtained:

STATE HISTORIC PRESERVATION OFFICE SHPO-CF-04-11-24-04 PR-CR	Exhibit 10
LUMA: 23-1-0679	Exhibit 17
Puerto Rico Aqueducts and Sewers Authority AAA-RE-23-27-0022	Exhibit 18
Telecommunications NETPR 2023-RI-0364	Exhibit 19
INSTITUTE OF PUERTO RICAN CULTURE OGPe: 2023-488368-SRA-068465	Exhibit 20

Cumulative Impact Analysis [24 CFR 58.32]:

The proposed activities will have a positive cumulative effect as it will help to revitalize the urban area damaged by Hurricanes Irma and Maria. The project will provide medical and social services for the residents of the area who are predominantly low and moderate incomes individuals, and the rehabilitation of these buildings will reduce blight in the area. The demolition of the structure will be carried out following a Demolition Plan, together with a CES Plan for the Control of Erosion and the Prevention of Soil Sedimentation. And thus avoid the contamination of PR waters and other resources.

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

The proposed activities include the rehabilitation of a structure and the demolition of another. In order to create the Multidisciplinary Center in the Veve Calzada Community in the urban area of the Municipality of Fajardo. The property is owned by the municipality and is ideally situated in the urban area and can be conveniently accessed by the residents of the area. Were an alternate site selected; the municipality would have to incur additional costs in acquiring the property. The alternate site may also be outside the urban area that would make it difficult for the residents of the area to access and use.

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

Municipality of Fajardo, as the owner of the property, provides mostly maintenance to the site area without obtaining any benefit for its inhabitants. This reflects the intention of the municipality to provide quality conditions and services to its residents. Therefore, a no action alternative is not in the interest of the municipality.

Summary of Findings and Conclusions:

The area where the Multidisciplinary Center will be located has already been affected previously, no significant environmental impact is anticipated as a result of this action. Because the site had been affected several years ago, the proposed action will improve the conservation of permeable surfaces and the landscape features of the area, which may have a positive impact on ecological diversity. Therefore, this project will not have any adverse impact on the environment and the agencies involved have already been consulted.

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
Erosion and Sedimentation	Erosion and Sedimentation Control Plan
Endangered Species Act	If a Puerto Rican Boa is found, work will stop until it is relocated from the site or, if the boa does not move off the site on its own, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) will be contacted for the safe capture and relocation of the animal.
Noise Abatement and Controls	Implementation of Construction Noise Controls for heavy equipment and scheduled work during working hours would reduce construction noise levels

Determination:

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

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

Preparer Signature: Anil Desa Date: June 4, 2025

Name/Title/Organization: Anil Desa/ Compliance Officer/ Plexos Group

Certifying Officer Signature: _____ Date: _____

Name/Title: I. Lorenzo, 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).

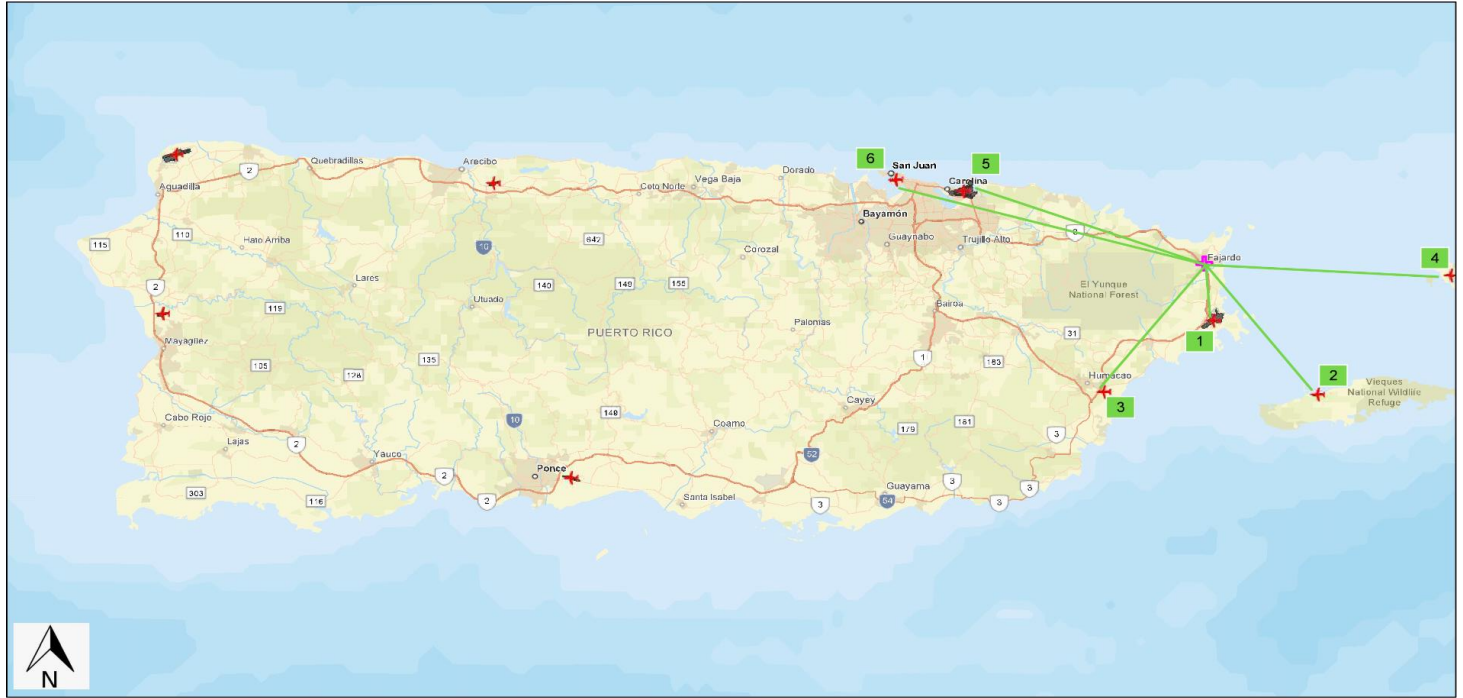
APPENDIX A

Figures, Agency Consultations and Correspondence

[40 CFR 1508.9(b)] (List and attach all evidence of inquiries and responses received at all stages of consultation and analysis.)

- Exhibit 1. Airport Hazards - 24 CFR Part 51 Subpart D
- Exhibit 2. Coastal Barrier Resources Act
- Exhibit 3. Flood Insurance Flood Disaster Protection Act of 1973 and
National Flood Insurance Reform Act of 1994
- Exhibit 4. Air Quality - Clean Air Act
- Exhibit 4A. Air Quality – Clean Air Act Map
- Exhibit 5. Coastal Zone Management Act
- Exhibit 6. Contamination and Toxic Substances, LBP & ACM Report
- Exhibit 7. Endangered Species Act of 1973
- Exhibit 7A. Above-Ground Storage Tank (AST) Location Report
- Exhibit 8. Farmlands Protection
- Exhibit 9. Floodplain Management
- Exhibit 10. Historic Preservation-National Historic Preservation Act of 1966,
- Exhibit 11. Sole Source Aquifers-Safe Drinking Water Act of 1974,
- Exhibit 12. Wetlands Protection
- Exhibit 13. Wild and Scenic Rivers- Act of 1968,
- Exhibit 14. Soil Map Qualification
- Exhibit 14A. Soil Map Qualification Table
- Exhibit 15. Soil Report
- Exhibit 16. Energy Consumption-LUMA COMMENTS
- Exhibit 17. Aqueduct and Sewer Authority-Infrastructure – East Public and Private Projects
- Exhibit 18. Telecommunications
- Exhibit 19. Arqueología y Conservación Histórica -Institute of Puerto Rican Culture-

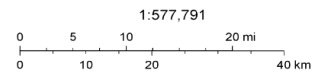
Exhibit 1. Airport Hazard – 24 CFR Part 51 Subpart D
Centro Multidisciplinario Veve Calzada, PR-CRP-000890, Fajardo
Lat/Long): 18.33258253°, -65.65821514°



June 28, 2023

- Search Result (point)
- Airport Points
- Airport Polygons
- Railroads





1. Aeropuerto José Aponte de la Torre (34,237 FT)
2. Aeropuerto Regional de Humacao (90,926 FT)
3. Aeropuerto Antonio Rivera Rodríguez (97,380 FT)
4. Aeropuerto Benjamín Rivera Noriega (129,501 FT)
5. Aeropuerto Internacional Luis Muñoz Marín (131,721 FT)
6. Aeropuerto Fernando Luis Ribas Dominicci (166,452 FT)






Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, NPS, EPA/CEI

Exhibit 2 - Coastal Barrier Resource Systems Map
 Centro Multidisciplinario Veve Calzada (PR-CRP-000890)
 Fajardo, Lat/Long: 18.33258253°, -65.65821514°



-  CBRS Buffer Zone
-  CBRS Prohibitions
-  CBRS Units
-  Otherwise Protected Area

-  System Unit
-  CBRS Map Panels
-  World Imagery

- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery

- Citations
- 4.8m Resolution Metadata

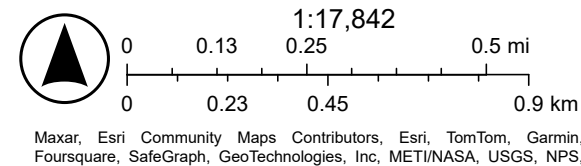
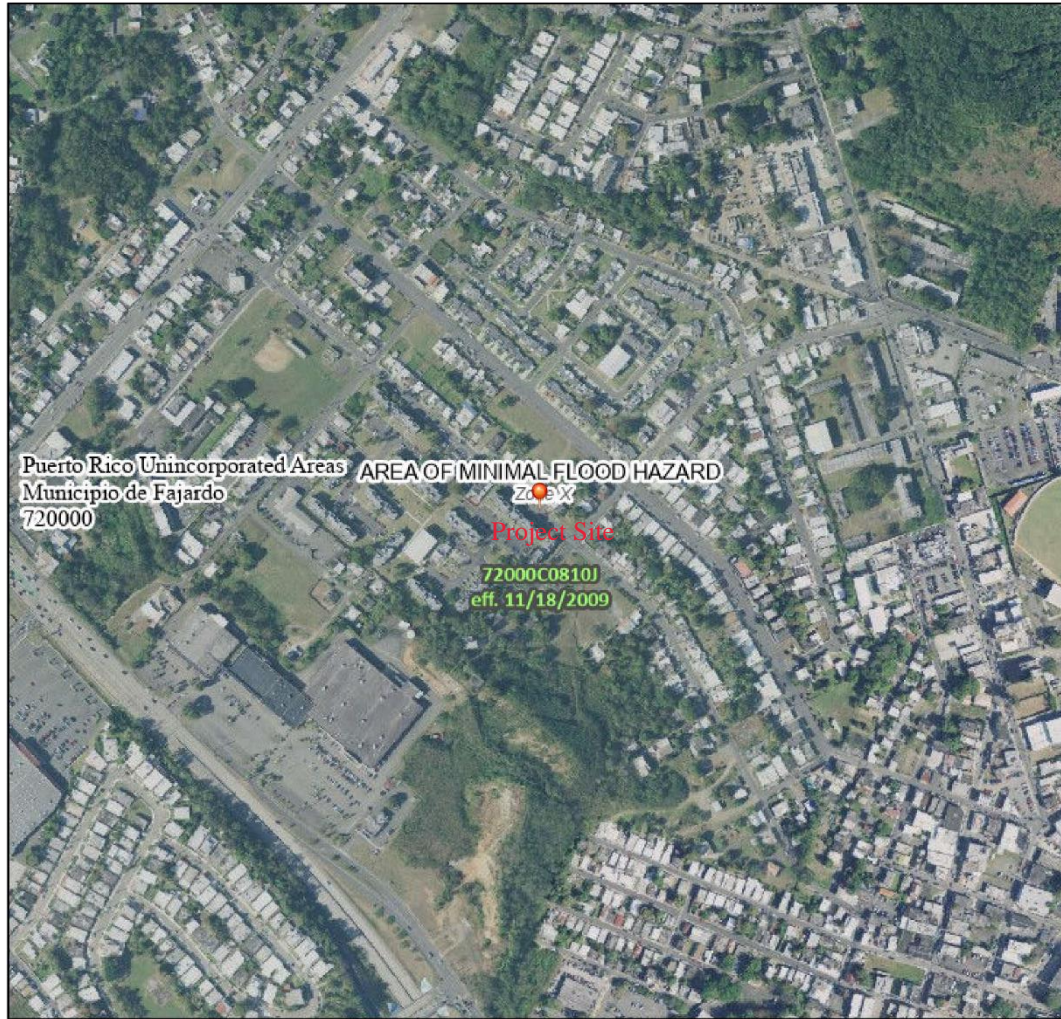


Exhibit 3. Flood Insurance -Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994
 Centro Multidisciplinario Veve Calzada, (PR-CRP-000890), Fajardo,
 Lat/Long: 18.33258253°, -65.65821514°

National Flood Hazard Layer FIRMette

65°39'39"W 18°20'10"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

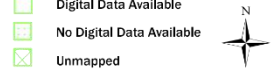
Basemap Imagery Source: USGS National Map 2023



Legend

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

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee. See Notes. Zone X
	Area with Flood Risk due to Levee Zone D
OTHER AREAS	NO SCREEN Area of Minimal Flood Hazard Zone X
	Effective LOMRs
	Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
OTHER FEATURES	20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
	17.5 Coastal Transect
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Transect Baseline
	Profile Baseline
MAP PANELS	Hydrographic Feature
	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.

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 6/28/2023 at 9:29 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

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

Data is current as of December 31, 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)

Change the State:

PUERTORICO

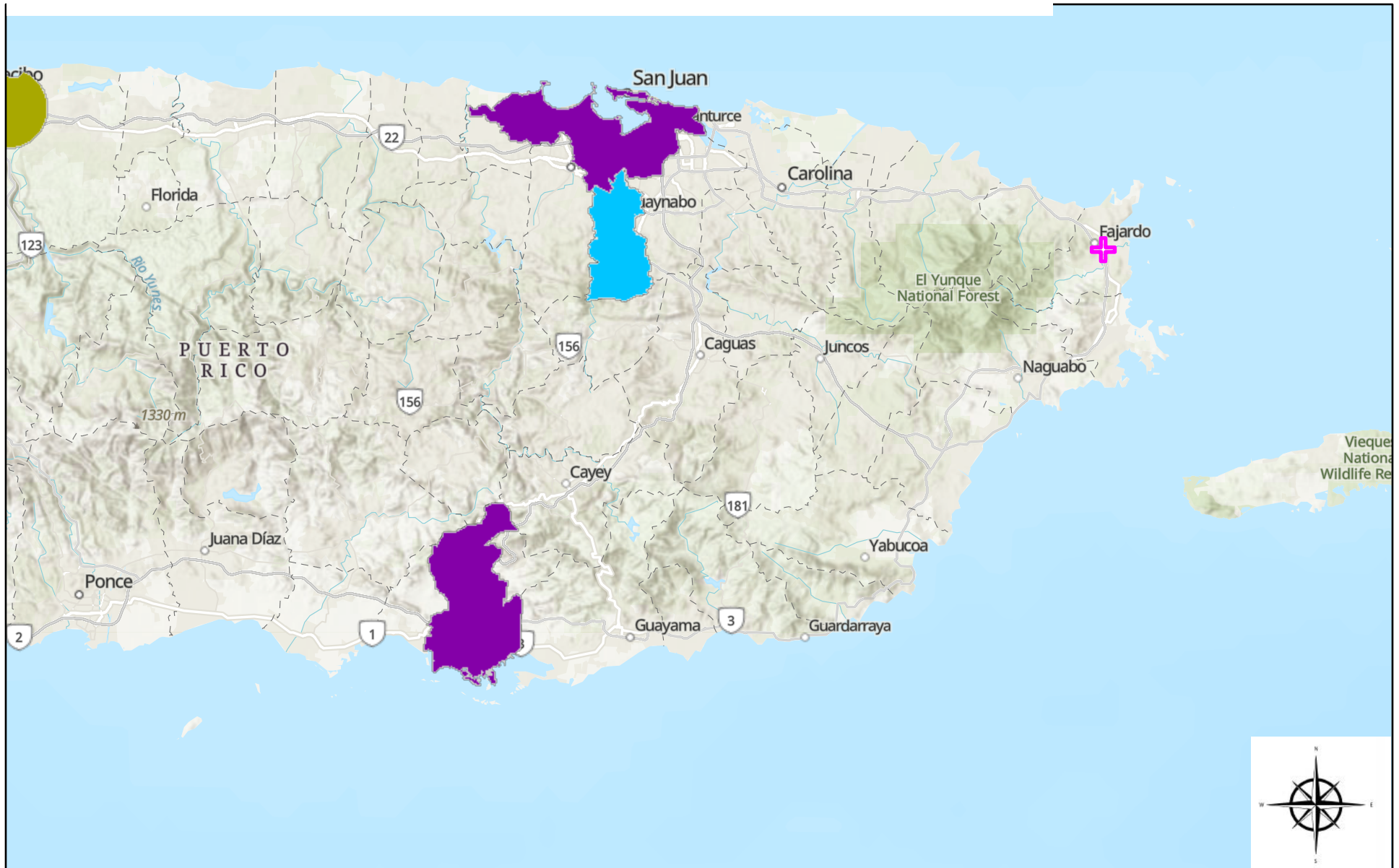
GO

Important Notes

Download National Dataset: dbf | xis | Data dictionary (PDF)

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

Exhibit 4A. Air Quality-Clean Air Act Map
 Centro Multidisciplinario Vee Calzada (PR-CRP-000890), Fajardo
 Coordinates (lat/long): 18.33258253°, -65.65821514°



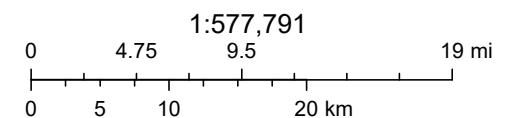
Project Site

!Lead (2008 standard) SO₂ 1-hr (2010 standard) PM₁₀ (1987 standard)

Nonattainment

Nonattainment

Maintenance



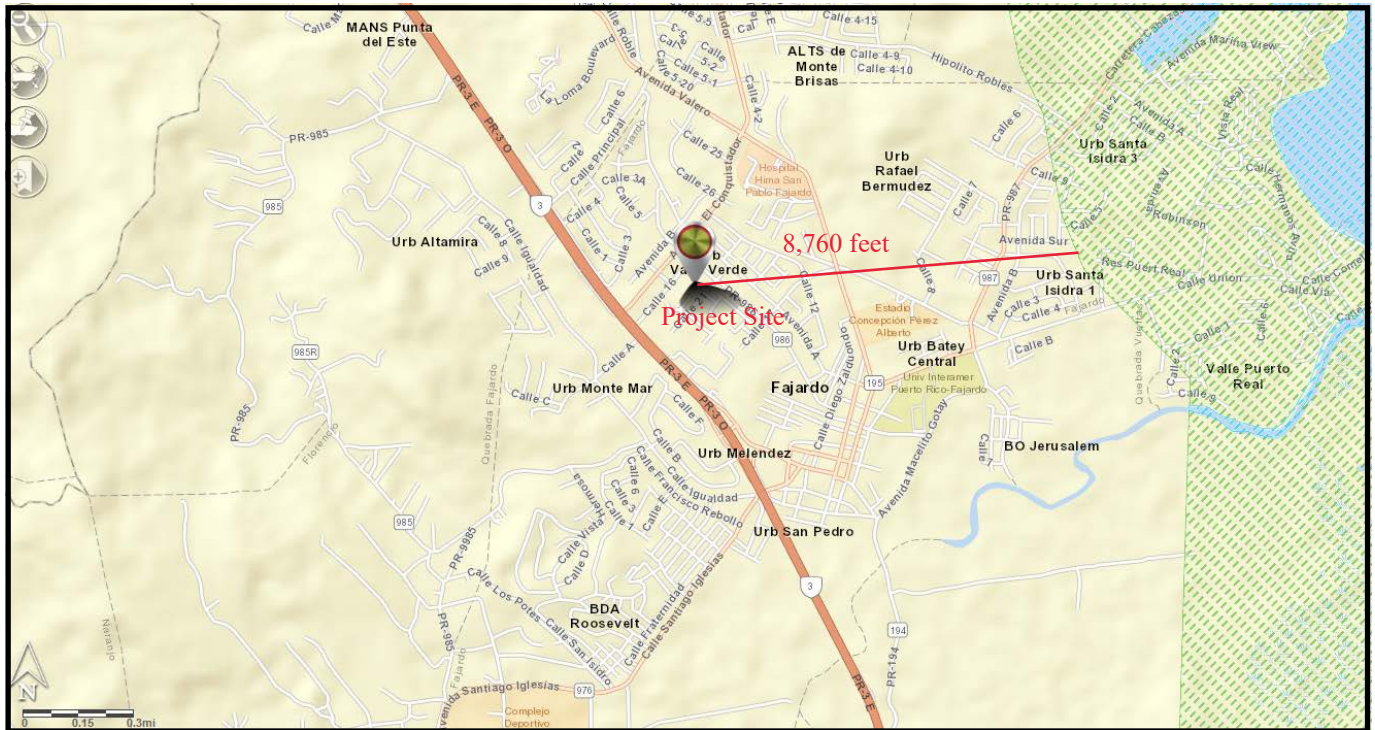
Esri, CGIAR, USGS, Esri, TomTom, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, NPS, USFWS, U.S. EPA Office of Air and Radiation

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

Exhibit 5. Coastal Zone

Centro Multidisciplinario Veve Calzada (PR-CRP-000890), Fajardo

Lat/Long: 18.33258253°, -65.65821514°



LEGEND












COASTAL ZONE

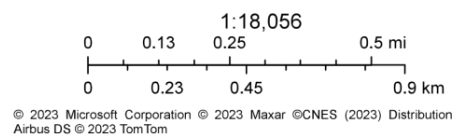
<https://gis.jp.pr.gov/mipr/>

Exhibit 6. Contamination and Toxic Substances, LBP & ACM Report
 Centro Multidisciplinario Veve Calzada, (PR-CRP-000890), Fajardo
 Lat/Long: 18.33258253°, -65.65821514°



October 23, 2023

- | | | |
|---|--|---|
|  Brownfields (ACRES) |  Hazardous Waste (RCRAInfo) |  Toxic Releases (TRI) |
|  Water Dischargers (NPDES) |  Hazardous Waste (RCRAInfo) |  Project Buffer - 3,000 feet |
|  Water Dischargers (NPDES) |  Toxic Releases (TRI) |  Veve Calzada |



Search EPA.gov



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- Data Services <<https://epa.gov/>>
- Help <<https://epa.gov/>>

Detailed Facility Report



Detailed Facility Report

Facility Summary
RECONSTRUCTION OF HIGHWAYS EAST REGION UNIT 1
FAJARDO PR-194
ROAD PR-194, FAJARDO, PR 00738 ⓘ
FRS (Facility Registry Service) ID: 110070620807
EPA Region: 02
Latitude: 18.3368
Longitude: -65.6536
Locational Data Source: NPDES
Industries: --
Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	Terminated Permit
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Terminated; Compliance Tracking Off (PRR100080)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Status	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian County	Latitude	Longitude
FRS		110070620807					N	18.3368	-65.6536
ICIS-NPDES	CWA	PRR100080	Non-Major: General Permit Covered Facility	Terminated; Compliance Tracking Off	Construction Stormwater	02/15/2022	N	18.3368	-65.6536

Facility Address

System	Status	Identifier	Facility Name	Facility Address	Facility County
FRS		110070620807	RECONSTRUCTION OF HIGHWAYS EAST REGION UNIT 1 FAJARDO PR-194	ROAD PR-194, FAJARDO, PR 00738	Fajardo Municipio
ICIS-NPDES	CWA	PRR100080	RECONSTRUCTION OF HIGHWAYS EAST REGION UNIT 1 FAJARDO PR-194	ROAD PR-194, FAJARDO, PR 00738	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
		No data records returned	

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
		No data records returned	

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
		No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
			No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
				No data records returned			

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR100080	No	06/30/2023	0	10/20/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: PRR100080)	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-10/20/23
	Facility-Level Status	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit
	Quarterly Noncompliance Report History													

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
			No data records returned		

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100050204	Rio Fajardo near mouth	RIO GRANDE DE FAJARDO	No	No	--	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PRER22A	RIO FAJARDO	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) NUTRIENTS ORGANIC ENRICHMENT/OXYGEN DEPLETION PATHOGENS TEMPERATURE TURBIDITY	Not Supporting	Not Supporting	--	Not Supporting	--

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

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

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers
No data records returned								

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

Chemical Name
No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
No data records returned	

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to

US State

Index Type Environmental Justice Supplemental

Related Reports

EJScreen Community Report

Census Block Group ID: 720531503012

US (Percentile)

Supplemental Indexes

Facility Census Block Group

1-mile Max

Count of Indexes At or Above 80th Percentile

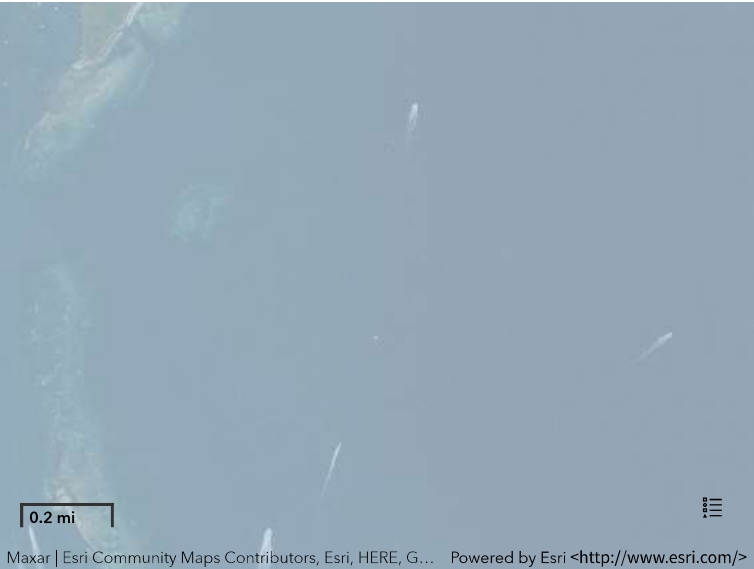
6

6

Download Data

Facility 1-mile Radius Facility Census Block Group

Census Block Group ID: 720531503012	US (Percentile)	
	Facility Census Block Group	1-mile Max
Supplemental Indexes		
Particulate Matter 2.5	--	--
Ozone	--	--
Diesel Particulate Matter	0	--
Air Toxics Cancer Risk	27	54
Air Toxics Respiratory Hazard Index	21	22
Toxic Releases to Air	43	49
Traffic Proximity	99	99
Lead Paint	87	99
Risk Management Plan (RMP) Facility Proximity	30	36
Hazardous Waste Proximity	99	99
Superfund Proximity	91	93
Underground Storage Tanks (UST)	99	99
Wastewater Discharge	99	99



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <https://epa.gov/help/reports/dfr-data-dictionary#demographic>.

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	16,990	Children 5 years and younger	1,048 (6%)
Population Density	5,500/sq.mi.	Minors 17 years and younger	4,165 (25%)
Housing Units in Area	8,211	Adults 18 years and older	12,825 (75%)
General Statistics (ACS (American Community Survey))		Seniors 65 years and older	3,187 (19%)
Total Persons	12,863	Race Breakdown (U.S. Census) - Persons (%)	
Percent People of Color	100%	White	11,012 (65%)
Households in Area	4,859	African-American	3,271 (19%)
Households on Public Assistance	200	Hispanic-Origin	16,687 (98%)
Persons With Low Income	10,082	Asian/Pacific Islander	57 (0%)
Percent With Low Income	79%	American Indian	137 (1%)
Geography		Other/Multiracial	2,513 (15%)
Radius of Selected Area	1 mi.	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Center Latitude	18.3368	Less than 9th Grade	866 (9.45%)
Center Longitude	-65.6536	9th through 12th Grade	598 (6.52%)
Land Area	100%	High School Diploma	3,173 (34.61%)
Water Area	0%	Some College/2-year	1,053 (11.49%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,628 (28.67%)
Less than \$15,000	1,905 (39.21%)		
\$15,000 - \$25,000	992 (20.42%)		
\$25,000 - \$50,000	1,386 (28.53%)		
\$50,000 - \$75,000	339 (6.98%)		
Greater than \$75,000	236 (4.86%)		

Top of Page

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Detailed Facility Report



Detailed Facility Report

Facility Summary

MUNICIPALITY OF FAJARDO

CITY HALL, CALLE MUÑOZ RIVERA, FAJARDO, PR 00738 ⓘ

FRS (Facility Registry Service) ID: 110040084315

EPA Region: 02

Latitude: 18.33575

Longitude: -65.66225

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	05/10/2019
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	12
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Expired; Compliance Tracking Partially Off (PRR040053), Non-Major, (PRU201030)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110040084315					N	18.33575	-65.66225
ICIS-NPDES	CWA	PRR040053	Non-Major: General Permit Covered Facility	Expired; Compliance Tracking Partially Off	Urban Stormwater (Small MS4)	06/30/2021	N	18.33575	-65.66225
ICIS-NPDES	CWA	PRU201030	Non-Major: Unpermitted Facility				N	18.33575	-65.66225

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110040084315	MUNICIPALITY OF FAJARDO	CITY HALL, CALLE MUÑOZ RIVERA, FAJARDO, PR 00738	
ICIS-NPDES	CWA	PRR040053	MUNICIPALITY OF FAJARDO	CITY HALL, CALLE MUÑOZ RIVERA, FAJARDO, PR 00738	Fajardo Municipio
ICIS-NPDES	CWA	PRU201030	MUNICIPALITY OF FAJARDO	CITY HALL, CALLE MUÑOZ RIVERA, FAJARDO, PR 00738	Fajardo Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	PRR040053	ICIS-NPDES	Inspection/Evaluation	Urban Stormwater (MS4) - Audit	EPA	05/10/2019	

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR040053	No	06/30/2023	12	10/20/2023
CWA	PRU201030	No	06/30/2023	0	10/20/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11
CWA (Source ID: PRR040053)		07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23
	Facility-Level Status	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified
	Quarterly Noncompliance Report History	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance
	Single Event Violations	Agency										

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11
CWA	WW Storm Water MS4 - Failure to properly install/implement BMPs	EPA	05/09/2019	→	→	→	→	→	→	→	→	→	→
CWA (Source ID: PRU201030)			07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23
	Facility-Level Status		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Quarterly Noncompliance Report History												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100050307	Quebrada Fajardo to Laguna Grande Coastal Drainage Watersheds	--	No	No	--	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2020	PREQ21A	QUEBRADA FAJARDO	Impaired - 303(d) Listed - With Restoration Plan	ORGANIC ENRICHMENT/OXYGEN DEPLETION PATHOGENS PH/ACIDITY/CAUSTIC CONDITIONS TEMPERATURE	Insufficient Information	Not Supporting	--	Not Supporting	--

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

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

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers
No data records returned								

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

Chemical Name
No data records returned

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

NPDES ID	Description
No data records returned	

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to ☒ US ☐ State

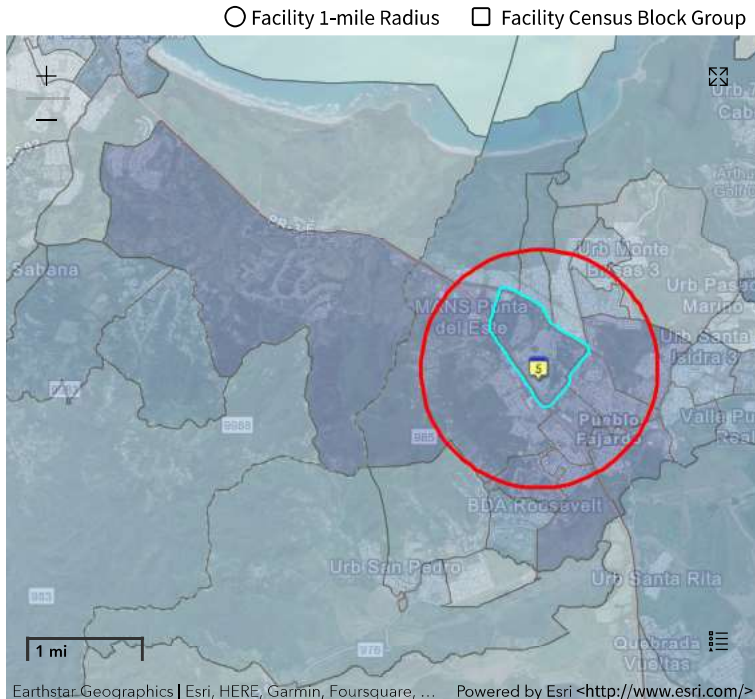
Index Type ☒ Environmental Justice ☒ Supplemental

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720531502004	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	5	6
Particulate Matter 2.5	--	--
Ozone	--	--
Diesel Particulate Matter	0	--
Air Toxics Cancer Risk	54	54
Air Toxics Respiratory Hazard Index	19	22
Toxic Releases to Air	44	49
Traffic Proximity	<input checked="" type="radio"/> 99	<input checked="" type="radio"/> 99
Lead Paint	<input checked="" type="radio"/> 94	<input checked="" type="radio"/> 99
Risk Management Plan (RMP) Facility Proximity	32	36
Hazardous Waste Proximity	<input checked="" type="radio"/> 99	<input checked="" type="radio"/> 99
Superfund Proximity	<input checked="" type="radio"/> 90	<input checked="" type="radio"/> 93
Underground Storage Tanks (UST)	0	<input checked="" type="radio"/> 99
Wastewater Discharge	<input checked="" type="radio"/> 98	<input checked="" type="radio"/> 99



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)

Total Persons	14,538
Population Density	4,657/sq.mi.
Housing Units in Area	6,699

General Statistics (ACS (American Community Survey))

Total Persons	10,291
Percent People of Color	100%
Households in Area	3,945
Households on Public Assistance	171
Persons With Low Income	7,940
Percent With Low Income	78%

Geography

Radius of Selected Area	1 mi.
Center Latitude	18.33575
Center Longitude	-65.66225

Age Breakdown (U.S. Census) - Persons (%)

Children 5 years and younger	882 (6%)
Minors 17 years and younger	3,535 (24%)
Adults 18 years and older	11,004 (76%)
Seniors 65 years and older	2,756 (19%)

Race Breakdown (U.S. Census) - Persons (%)

White	9,477 (65%)
African-American	2,741 (19%)
Hispanic-Origin	14,314 (98%)
Asian/Pacific Islander	50 (0%)
American Indian	124 (1%)
Other/Multiracial	2,146 (15%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

Less than 9th Grade	798 (10.69%)
9th through 12th Grade	483 (6.47%)

Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Land Area	100%	High School Diploma	2,490 (33.35%)
Water Area	0%	Some College/2-year	949 (12.71%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,078 (27.83%)
Less than \$15,000	1,632 (41.35%)		
\$15,000 - \$25,000	752 (19.05%)		
\$25,000 - \$50,000	1,093 (27.69%)		
\$50,000 - \$75,000	226 (5.73%)		
Greater than \$75,000	244 (6.18%)		

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Detailed Facility Report



Detailed Facility Report

Facility Summary

KODAK RAHOLA INC

200 MUNOZ RIVERA ST, FAJARDO, PR 00648 ⓘ

FRS (Facility Registry Service) ID: 110006433644

EPA Region: 02

Latitude: 18.327783

Longitude: -65.651705

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRD987373651)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System ↓	Statute ↓	Identifier ↓	Universe ↓	Status ↓	Areas ↓	Permit Expiration Date ↓	Indian Country ↓	Latitude ↓	Longitude ↓
FRS		110006433644					N	18.327783	-65.651705
RCRAInfo	RCRA	PRD987373651	Other	Inactive ()			N	18.327783	-65.651705

Facility Address

System ↓	Statute ↓	Identifier ↓	Facility Name ↓	Facility Address ↓	Facility County ↓
FRS		110006433644	KODAK RAHOLA INC	200 MUNOZ RIVERA ST, FAJARDO, PR 00648	Fajardo Municipio
RCRAInfo	RCRA	PRD987373651	KODAK RAHOLA INC	200 MUNOZ RIVERA ST, FAJARDO, PR 00648	Fajardo Municipio

Facility SIC (Standard Industrial Classification) Codes

System ↓	Identifier ↓	SIC Code ↓	SIC Description ↓
			No data records returned

Facility NAICS (North American Industry Classification System) Codes

System ↓	Identifier ↓	NAICS Code ↓	NAICS Description ↓
			No data records returned

Facility Tribe Information

Reservation Name ↓	Tribe Name ↓	EPA Tribal ID ↓	Distance to Tribe (miles) ↓
			No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute ↓	Source ID ↓	System ↓	Activity Type ↓	Compliance Monitoring Type ↓	Lead Agency ↓	Date ↓	Finding (if applicable) ↓
							No data records returned

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute ↓	Source ID ↓	Current SNC (Significant Noncompliance)/HPV (High Priority Violation) ↓	Current As Of ↓	Qtrs with NC (Noncompliance) (of 12) ⓘ ↓	Data Last Refreshed ↓
RCRA	PRD987373651	No	10/21/2023	0	10/20/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: PRD987373651)	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation												
	Agency												

Informal Enforcement Actions

Last 5 Years

Statute ↓	System ↓	Source ID ↓	Type of Action ↓	Lead Agency ↓	Date ↓
					No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned						

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
No data records returned										

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

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

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers
No data records returned								

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

Chemical Name
No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
No data records returned	

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to

☒ US

☐ State

Index Type

☐ Environmental Justice

☒ Supplemental

Related Reports

EJScreen Community Report

Census Block Group ID: 720531503021		US (Percentile)	
Supplemental Indexes		Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	6	6	
Particulate Matter 2.5	--	--	
Ozone	--	--	
Diesel Particulate Matter	0	--	

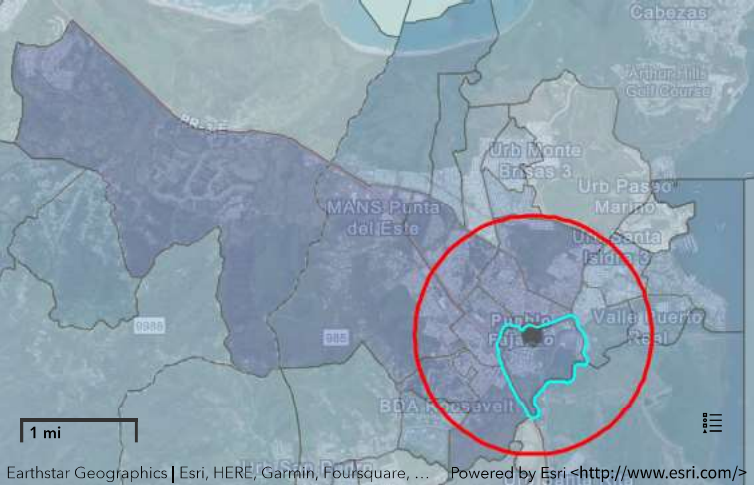


☐ Facility 1-mile Radius

☐ Facility Census Block Group



Census Block Group ID: 720531503021	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Air Toxics Cancer Risk	53	54
Air Toxics Respiratory Hazard Index	19	22
Toxic Releases to Air	39	49
Traffic Proximity	99	99
Lead Paint	99	99
Risk Management Plan (RMP) Facility Proximity	32	40
Hazardous Waste Proximity	99	99
Superfund Proximity	89	93
Underground Storage Tanks (UST)	99	99
Wastewater Discharge	99	99



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	12,550	Children 5 years and younger	874 (7%)
Population Density	4,051/sq.mi.	Minors 17 years and younger	3,203 (26%)
Housing Units in Area	6,184	Adults 18 years and older	9,346 (74%)
General Statistics (ACS (American Community Survey))		Seniors 65 years and older	2,393 (19%)
Total Persons	10,294	Race Breakdown (U.S. Census) - Persons (%)	
Percent People of Color	100%	White	7,704 (61%)
Households in Area	3,854	African-American	2,494 (20%)
Households on Public Assistance	182	Hispanic-Origin	12,353 (98%)
Persons With Low Income	8,294	Asian/Pacific Islander	33 (0%)
Percent With Low Income	81%	American Indian	125 (1%)
Geography		Other/Multiracial	2,193 (17%)
Radius of Selected Area	1 mi.	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Center Latitude	18.327783	Less than 9th Grade	841 (11.66%)
Center Longitude	-65.651705	9th through 12th Grade	570 (7.9%)
Land Area	99%	High School Diploma	2,589 (35.88%)
Water Area	1%	Some College/2-year	782 (10.84%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,849 (25.63%)
Less than \$15,000	1,744 (45.26%)		
\$15,000 - \$25,000	722 (18.74%)		
\$25,000 - \$50,000	979 (25.41%)		
\$50,000 - \$75,000	227 (5.89%)		
Greater than \$75,000	181 (4.7%)		

Top of Page

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Detailed Facility Report



Detailed Facility Report

Facility Summary

SYLVANIA LIGHTING CO

PR-195 KM 1.2 PUERTO REAL, FAJARDO, PR 00738 ⓘ

FRS (Facility Registry Service) ID: 110032746447

EPA Region: 02

Latitude: 18.330556

Longitude: -65.655556

Locational Data Source: RCRINFO

Industries: Electrical Equipment, Appliance, and Component Manufacturing

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	07/11/1997
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active Other, (PRD000692814)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Area	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110032746447					N	18.330556	-65.655556
RCRAInfo	RCRA	PRD000692814	Other	Active (AC)			N	18.331473	-65.641189

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110032746447	SYLVANIA LIGHTING CO	PR-195 KM 1.2 PUERTO REAL, FAJARDO, PR 00738	Fajardo Municipio
RCRAInfo	RCRA	PRD000692814	SYLVANIA LIGHTING CO	RD 195 KM 1.2 PUERTO REAL, FAJARDO, PR 00648	Fajardo Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
		No data records returned	

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Cod	NAICS Description
RCRAInfo	PRD000692814	33511	Electric Lamp Bulb and Part Manufacturing

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD000692814	No	10/21/2023	0	10/20/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRD000692814)		01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation												
	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned						

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
No data records returned										

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

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

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers
No data records returned								

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

Chemical Name
No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
No data records returned	

Community

Environmental Justice

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

EJScreen Indexes Shown

Compare to

☒ US

☐ State

Index Type

☐ Environmental Justice

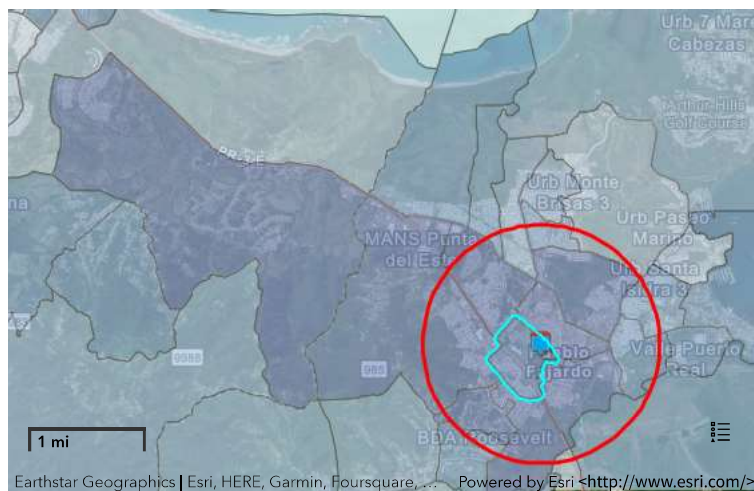
☒ Supplemental

Related Reports

EJScreen Community Report

Census Block Group ID: 720531503022		US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max	
Count of Indexes At or Above 80th Percentile	6	6	
Particulate Matter 2.5	--	--	
Ozone	--	--	
Diesel Particulate Matter	0	--	

Census Block Group ID: 720531503022	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Air Toxics Cancer Risk	53	54
Air Toxics Respiratory Hazard Index	17	22
Toxic Releases to Air	41	49
Traffic Proximity	99	99
Lead Paint	97	99
Risk Management Plan (RMP) Facility Proximity	30	40
Hazardous Waste Proximity	99	99
Superfund Proximity	87	93
Underground Storage Tanks (UST)	99	99
Wastewater Discharge	98	99



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (U.S. Census)

Total Persons	14,363
Population Density	4,558/sq.mi.
Housing Units in Area	7,117

General Statistics (ACS (American Community Survey))

Total Persons	11,085
Percent People of Color	100%
Households in Area	4,236
Households on Public Assistance	201
Persons With Low Income	8,847
Percent With Low Income	80%

Geography

Radius of Selected Area	1 mi.
Center Latitude	18.330556
Center Longitude	-65.655556
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)

Less than \$15,000	1,880 (44.4%)
\$15,000 - \$25,000	803 (18.97%)
\$25,000 - \$50,000	1,104 (26.07%)
\$50,000 - \$75,000	225 (5.31%)
Greater than \$75,000	222 (5.24%)

Age Breakdown (U.S. Census) - Persons (%)

Children 5 years and younger	932 (6%)
Minors 17 years and younger	3,525 (25%)
Adults 18 years and older	10,838 (75%)
Seniors 65 years and older	2,752 (19%)

Race Breakdown (U.S. Census) - Persons (%)

White	9,083 (63%)
African-American	2,782 (19%)
Hispanic-Origin	14,131 (98%)
Asian/Pacific Islander	43 (0%)
American Indian	134 (1%)
Other/Multiracial	2,321 (16%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)

Less than 9th Grade	925 (11.64%)
9th through 12th Grade	596 (7.5%)
High School Diploma	2,789 (35.1%)
Some College/2-year	900 (11.33%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,067 (26.01%)

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Facility Information

TELLABS CARIBE INC
Handler ID: PRD980526677
CARR 195 KM 1.5 PUERTO REAL
FAJARDO, PR 00648
County Name: FAJARDO
Latitude: 18.335574
Latitude: -65.653146
Hazardous Waste Generator:
Owner Name: OWNERNAME

**This facility is not mappable.*

BIENNIAL REPORT SUMMARY

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LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PHONE
	PO BOX 989	FAJARDO	PR	00648	

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Unspecified Universe for the facility listed above.

HANDLER TYPE

Not in a universe

NO PROCESS INFORMATION IS AVAILABLE FOR THE FACILITY LISTED ABOVE.

LIST OF NAICS CODES AND DESCRIPTIONS

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LIST OF WASTE CODES AND DESCRIPTIONS

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LIST OF INSTITUTIONAL/ENGINEERING CONTROLS

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Facility Information

READY MIX CONCRETE INC PLT 15
Handler ID: PRR000006445
RD 194 KM 4 BO BERMUDEZ
FAJARDO, PR 00738
County Name: FAJARDO
Latitude: 18.335214
Latitude: -65.653103
Hazardous Waste Generator:
Owner Name: PR CEMENT CO INC

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PHONE
	PO BOX 1909	CAROLINA	PR	00984-1909	
	PO BOX 1909	CAROLINA	PR	00984-1909	

HANDLER / FACILITY CLASSIFICATION

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Not in a universe

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LIST OF WASTE CODES AND DESCRIPTIONS

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Facility Information

BARGAIN SERVICE STATION
Handler ID: PRR000018002
402 CALLE GENERAL VALERO
FAJARDO, PR 00648
County Name: FAJARDO
Latitude: 18.33539
Latitude: -65.6531
Hazardous Waste Generator:
Owner Name: TEXACO PUERTO RICO LLC

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PHONE
JOSE BETANCOURT	PO BOX 71315	SAN JUAN	PR	00936-8415	787-783-6110
JOSE BETANCOURT	PO BOX 71315	SAN JUAN	PR	00936-8415	787-783-6110

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE

Not in a universe

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No NAICS Codes are available for the facility listed above.

No Waste Codes are available for the facility listed above.

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TRI Facility Report

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TRI Facility Report: PALL LIFE SCIENCES PUERTO RICO LLC (00738PLLPRRD19A)

Facility Information

[FACILITY INFORMATION](#) [CHEMICALS](#) [POLLUTION PREVENTION \(P2\)](#) [WASTE MANAGEMENT](#) [RELEASES](#) [WATER](#)
[RELEASES](#) [TRANSFERS](#) [CLASSIC VIEW](#)

Facility Name	PALL LIFE SCIENCES PUERTO RICO LLC	TRI ID	00738PLLPRRD19A
Address	RD. 194 KM 0.4 PALL BLVD # 100 FAJARDO, PR, 00738	FRS ID	110000491833
Mailing Name	PALL LIFE SCIENCES PUERTO RICO LLC	DUNS Number	024744476
Mailing Address	RD. 194 KM 0.4 PALL BLVD # 100 FAJARDO, PR, 00738	Parent Company	DANAHER CORP
County	FAJARDO MUNICIPIO	Public Contact	VIVIENNE HENRY
EPA Region	2	Phone	(787) 863-1124
Latitude	18.336147	Tribe	NA
Longitude	-65.653368	BIA Tribal Code	NA
	330000		

Information is for the most recent reporting year

*You can navigate within the map with your mouse.

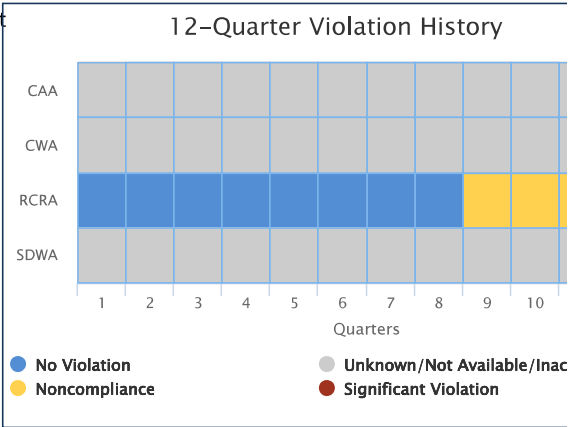
Other Regulatory Data

In addition to TRI, this facility reports to the programs listed below. The table below reflects regulatory data contained within Envirofacts and may not reflect all other EPA regulatory data:

Statute/Program <http://www.epa.gov/enviro/facts/qmr.html>	Universe	Media	Identifier
Resource Conservation and Recovery Act (RCRA)	LQG ⓘ	Land	PRD981139611

Compliance Information

Compliance data below provided by ECHO.



Go to ECHO for More Enforcement and Compliance Data

Timestamp

Query was executed on OCT-23-2023

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Contracting <<https://www.epa.gov/contracts>>

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Grants <<https://www.epa.gov/grants>>

No FEAR Act Data <<https://www.epa.gov/ocr/whistleblower-protections-epa-and-how-they-relate-non-disclosure-agreements-signed-epa-employees>>

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TRI Facility Report: TELLABS CARIBE INC (00648TLLBSCARR1)

Facility Information

[FACILITY INFORMATION](#) [CHEMICALS](#) [POLLUTION PREVENTION \(P2\)](#) [WASTE MANAGEMENT](#) [RELEASES](#) [WATER](#)
[RELEASES](#) [TRANSFERS](#) [CLASSIC VIEW](#)

Facility Name	TELLABS CARIBE INC	TRI ID	00648TLLBSCARR1
Address	CARR 195 KM 15 PUERTO REAL FAJARDO, PR, 00738	FRS ID	110002085323
Mailing Name	TELLABS CARIBE INC.	DUNS Number	007440333
Mailing Address	P.O. BOX 989 FAJARDO, PR, 00738	Parent Company	
County	FAJARDO MUNICIPIO	Public Contact	ELIZABETH RAMOS
EPA Region	2	Phone	(809) 863-6320
Latitude	18.335574	Tribe	NA
Longitude	-65.653146	BIA Tribal Code	NA
	334220		

Information is for the most recent reporting year

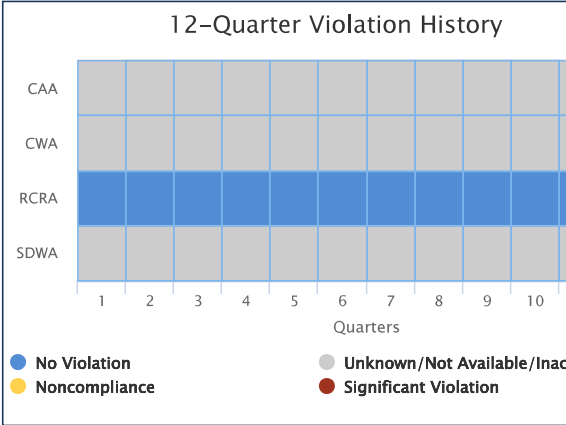
**You can navigate within the map with your mouse.*

Other Regulatory Data

No data to display

Compliance Information

Compliance data below provided by ECHO.



Go to ECHO for More Enforcement and Compliance Data

Timestamp

Query was executed on OCT-23-2023

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EPA www Web Snapshot <<https://www.epa.gov/home/wwwepagov-snapshots>>

Grants <<https://www.epa.gov/grants>>

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Detailed Facility Report

Facility Summary

ALLEN GROUP PUERTO RICO INC THE

KM 45.6 RD 3, FAJARDO, PR 00648

FRS (Facility Registry Service) ID: 110007806767

EPA Region: 02

Latitude: 18.334733

Longitude: -65.664157

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	03/21/1994
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRD090515271)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007806767					N	18.334733	-65.664157
RCRAInfo	RCRA	PRD090515271	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007806767	ALLEN GROUP PUERTO RICO INC THE	KM 45.6 RD 3, FAJARDO, PR 00648	Fajardo Municipio
RCRAInfo	RCRA	PRD090515271	ALLEN GROUP PUERTO RICO INC THE	KM 45.6 RD 3, FAJARDO, PR 00648	Fajardo Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD090515271	No	04/12/2025	0	04/11/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11
RCRA	(Source ID: PRD090515271)	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2022 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	9,365	Children 5 years and younger	461 (5%)
Population Density	3,025/sq.mi.	Minors 17 years and younger	1,761 (19%)
Housing Units in Area	4,837	Adults 18 years and older	7,607 (81%)
Percent People of Color	100%	Seniors 65 years and older	2,295 (25%)
Households in Area	3,607	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Households on Public Assistance	156	White	4,256 (45%)
Persons With Low Income	7,134	African-American	0 (0%)
Percent With Low Income	77%	Hispanic-Origin	9,288 (99%)
Geography		Asian	31 (0%)
Radius of Selected Area	1 mi.	Hawaiian/Pacific Islander	0 (0%)
Center Latitude	18.334733	American Indian	2 (0%)
Center Longitude	-65.664157	Other/Multiracial	2,501 (27%)
Total Area	--	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Land Area	99%	Less than 9th Grade	750 (11%)
Water Area	1%	9th through 12th Grade	463 (6.79%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		High School Diploma	2,185 (32.04%)
Less than \$15,000	1,509 (41.8%)	Some College/2-year	876 (12.84%)
\$15,000 - \$25,000	682 (18.89%)	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,909 (27.99%)
\$25,000 - \$50,000	974 (26.98%)		
\$50,000 - \$75,000	196 (5.43%)		
Greater than \$75,000	249 (6.9%)		



Detailed Facility Report

Facility Summary

CUSTOMED

**CALLE IGUALDAD # 7, FAJARDO, PR
00738**

FRS (Facility Registry Service) ID: 110070070768

EPA Region: 02

Latitude: 18.33224

Longitude: -65.66452

Locational Data Source: FRS

Industries: Miscellaneous Manufacturing

Indian Country: N

Enforcement and Compliance Summary

No data records returned

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA):
No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): 0073WCSTMDCALLE

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

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110070070768					N	18.33224	-65.66452
TRI	EP313	0073WCSTMDCALLE	Toxics Release Inventory	Last Reported for 2023			N	18.33224	-65.66452

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110070070768	CUSTOMED	CALLE IGUALDAD # 7, FAJARDO, PR 00738	Fajardo Municipio
TRI	EP313	0073WCSTMDCALLE	CUSTOMED	CALLE IGUALDAD # 7, FAJARDO, PR 00738	Fajardo Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	0073WCSTMDCALLE	339113	Surgical Appliance and Supplies Manufacturing

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

⌵

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
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No data records returned

Three-Year Compliance History by Quarter

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
---------	--------	-----------	----------------	-------------	------

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Ethylene oxide	A	A	A	A	A	A	A	A	--	--

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2022 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	8,948	Children 5 years and younger	415 (5%)
Population Density	2,874/sq.mi.	Minors 17 years and younger	1,675 (19%)
Housing Units in Area	4,682	Adults 18 years and older	7,278 (81%)
Percent People of Color	100%	Seniors 65 years and older	2,135 (24%)
Households in Area	3,451		
Households on Public Assistance	136	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	6,863	White	3,982 (45%)
Percent With Low Income	77%	African-American	0 (0%)
		Hispanic-Origin	8,895 (99%)
		Asian	16 (0%)
		Hawaiian/Pacific Islander	0 (0%)
		American Indian	0 (0%)
		Other/Multiracial	2,551 (29%)
Geography			
Radius of Selected Area	1 mi.		
Center Latitude	18.33224		
Center Longitude	-65.66452		
Total Area	--		

Geography	
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,480 (42.85%)
\$15,000 - \$25,000	641 (18.56%)
\$25,000 - \$50,000	922 (26.69%)
\$50,000 - \$75,000	184 (5.33%)
Greater than \$75,000	227 (6.57%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	819 (12.57%)
9th through 12th Grade	499 (7.66%)
High School Diploma	2,039 (31.28%)
Some College/2-year	796 (12.21%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,746 (26.79%)



Detailed Facility Report

Facility Summary

CVS PHARMACY #7965

9 CALLE IGUALDAD, FAJARDO, PR 00738

FRS (Facility Registry Service) ID: 110045989052

EPA Region: 02

Latitude: 18.32875

Longitude: -65.66242

Locational Data Source: FRS

Industries: Health and Personal Care Retailers

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	05/28/2019
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRR000022624)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110045989052					N	18.32875	-65.66242
ICIS		3400106690					N	18.33457	-65.66581
RCRAInfo	RCRA	PRR000022624	Other	Inactive ()			N	18.325448	-65.659579

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110045989052	CVS PHARMACY #7965	9 CALLE IGUALDAD, FAJARDO, PR 00738	Fajardo Municipio
ICIS		3400106690	CVS PHARMACY #7965	9 CALLE IGUALDAD, FAJARDO, PR 00738	Fajardo Municipio
RCRAInfo	RCRA	PRR000022624	CVS PHARMACY #7965	9 CALLE IGUALDAD, FAJARDO, PR 00738	Fajardo Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000022624	45611	Pharmacies and Drug Retailers

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

RCRA (Hazardous Waste (Resource Conservation and Recovery Act) Compliance Pipeline (Compliance Monitoring → Violations → Enforcement Actions) (10 Years)

This table shows how violations relate to compliance monitoring (CM) activities and enforcement. Currently available for CAA and RCRA only. Full CM history available below.

No data records returned

There are no relationships to display in the RCRA Compliance Pipeline table for this facility. Scroll down to view compliance monitoring history.

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000022624	No	04/12/2025	0	04/11/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11
RCRA	(Source ID: PRR000022624)	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation											
	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

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

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

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

Chemical Name

No data records returned

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 1/11/2025)

Source ID	Waste Description	2022	2023	2024	2025
PRR000022624	Hazardous Waste	59 - 70	68 - 78	11 - 13	--
PRR000022624	Acute Hazardous Waste	0 - 7	0 - 4	0	--
PRR000022624	Pharmaceutical Hazardous Waste	0 - 12	0 - 10	0 - 2	--

“Pharmaceutical Hazardous Waste” refers to quantities managed under 40 CFR part 266 subpart P and thus excluded from the Hazardous and Acute Hazardous Waste quantities shown above.

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2022 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	9,168	Children 5 years and younger	385 (4%)
Population Density	2,946/sq.mi.	Minors 17 years and younger	1,678 (18%)
Housing Units in Area	4,909	Adults 18 years and older	7,490 (82%)
Percent People of Color	100%	Seniors 65 years and older	2,220 (24%)
Households in Area	3,536	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Households on Public Assistance	130	White	3,990 (44%)
Persons With Low Income	7,229	African-American	0 (0%)
Percent With Low Income	79%	Hispanic-Origin	9,136 (100%)
		Asian	9 (0%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.32875
Center Longitude	-65.66242
Total Area	--
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	1,543 (43.65%)
\$15,000 - \$25,000	648 (18.33%)
\$25,000 - \$50,000	954 (26.99%)
\$50,000 - \$75,000	189 (5.35%)
Greater than \$75,000	201 (5.69%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	2,879 (31%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	929 (13.81%)
9th through 12th Grade	583 (8.67%)
High School Diploma	2,131 (31.68%)
Some College/2-year	761 (11.31%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,702 (25.3%)



Detailed Facility Report

Facility Summary

GAS CONECTION

315 IGUALDAD FINAL, FAJARDO, PR 00738

FRS (Facility Registry Service) ID: 110035439512

EPA Region: 02

Latitude: 18.32671

Longitude: -65.66054

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	08/13/2013
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active SQG, (PRR000021535)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110035439512					N	18.32671	-65.66054
RCRAInfo	RCRA	PRR000021535	SQG	Active (H)			N	18.325448	-65.659579

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110035439512	GAS CONECTION	315 IGUALDAD FINAL, FAJARDO, PR 00738	Fajardo Municipio

System	Statute	Identifier	Facility Name	Facility Address	Facility County
RCRAInfo	RCRA	PRR000021535	GAS CONECTION	315 IGUALDAD FINAL, FAJARDO, PR 00738	Fajardo Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000021535	No	04/12/2025	0	04/11/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11
RCRA (Source ID: PRR000021535)		04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

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

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
No data records returned								

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

Chemical Name
No data records returned

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2022 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	8,996	Children 5 years and younger	342 (4%)
Population Density	2,907/sq.mi.	Minors 17 years and younger	1,624 (18%)
Housing Units in Area	4,877	Adults 18 years and older	7,369 (82%)
Percent People of Color	100%	Seniors 65 years and older	2,235 (25%)
Households in Area	3,475		
Households on Public Assistance	130	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	7,180	White	3,846 (43%)
Percent With Low Income	80%	African-American	0 (0%)
		Hispanic-Origin	8,970 (100%)
		Asian	8 (0%)
		Hawaiian/Pacific Islander	0 (0%)
		American Indian	0 (0%)
		Other/Multiracial	2,998 (33%)
Geography		Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Radius of Selected Area	1 mi.	Less than 9th Grade	955 (14.36%)
Center Latitude	18.32671	9th through 12th Grade	602 (9.05%)
Center Longitude	-65.66054	High School Diploma	2,143 (32.22%)
Total Area	--	Some College/2-year	724 (10.89%)
Land Area	99%	B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,633 (24.55%)
Water Area	1%		
Income Breakdown (ACS (American Community Survey)) - Households (%)			
Less than \$15,000	1,529 (44.03%)		
\$15,000 - \$25,000	629 (18.11%)		
\$25,000 - \$50,000	946 (27.24%)		
\$50,000 - \$75,000	185 (5.33%)		
Greater than \$75,000	184 (5.3%)		



EXHIBIT 6A

ASBESTOS CONTAINING MATERIALS BUILDING INSPECTION REPORT



PROJECT:

Centro Multidisciplinario Veve Calzada

Centro Multidisciplinario Veve Calzada, Fajardo PR 00738

PREPARED FOR:

Ingenium Professional Group PSC

PREPARED BY:

Claudio Cabral

INSPECTION DATE:

September 21, 2023

REPORT DATE:

September 23, 2023

A handwritten signature in black ink, appearing to read 'Claudio Cabral'.



TABLE OF CONTENTS

SUMMARY	3
TABLE 1. 1 SUMMARY OF SAMPLES SUBMITTED	4
1.0 INTRODUCTION	4
2.0 GENERAL BACKGROUND	4
2.1 NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP).....	5
3.0 ABATEMENT CONDITIONS	6
3.1 PROJECT IDENTIFICATION/ DESCRIPTION	8
4.0 METHODS OF BUILDING INSPECTION	8
5.0 SAMPLING METHODS	10
6.0 INSPECTION RESULTS AND CONCLUSIONS	10
7.0 LIMITATIONS	11

APPENDICES

APPENDIX I: CERTIFICATIONS AND ACCREDITATION

APPENDIX II: PHOTO LOG OF SUSPECT ASBESTOS CONTAINING MATERIALS

APPENDIX III: SITE MAP

APPENDIX IV: NO PRESENCE OF ASBESTOS LETTER ☒ YES ☐ NO



SUMMARY

A survey for Asbestos Containing Material (ACM) was conducted by Innovate Corporation by Mr. Claudio Cabral on September 21, 2023 for three (3) structures. The structures are located at Centro Multidisciplinario Veve Calzada, Fajardo PR 00738. The structures appear to have been built about 30 years ago, around the 1980's to 1990's. The scope of the survey included visual assessment, sampling and physical assessments of suspect ACM materials from the building. The purpose of the inspection was to identify materials that contain asbestos fibers above allowable levels that could cause harm to construction personnel and workers. This evaluation report can help owners develop a plan for mitigating asbestos hazards that were found and may aid in establishing an ongoing asbestos containing materials maintenance and re-evaluation program, if needed.

- **Suspect asbestos containing materials were not found during this inspection. Refer to the following Table 1.1 for a summary of samples collected.**



TABLE 1. 1 SUMMARY OF SAMPLES SUBMITTED

Location	Description	Measurement	Result
No Suspect Asbestos Containing Materials Observed; No Samples Collected			

- No suspect asbestos containing materials were identified on the roof.

1.0 INTRODUCTION

A survey of suspect Asbestos Containing Material (ACM) was conducted Innovate Corporation at the site located at Centro Multidisciplinario Veve Calzada, Fajardo PR 00738. The site is scheduled to undergo renovation. The inspection was conducted by Claudio Cabral, AHERA Certified Asbestos Building Inspector (ASB-0123-0031-SI).

2.0 GENERAL BACKGROUND

Asbestos was used in the construction 1900 to 1989. It is still being used today in various products. The health effects of asbestos have been studied since the 1930's. More health studies have been conducted in asbestos than any other natural substance. The mere presence of asbestos containing materials does not necessarily constitute a health hazard. However, when these materials become disturbed from



building renovation, maintenance, or other everyday activities that allow fibers to be released into the environment, a potential hazard does exist.

The relationship between exposure level and health risk is very complex. Although this relationship is not completely understood, asbestos exposure has been associated with several types of lung diseases including a debilitating lung disease called Asbestosis; a rare cancer of chest called Mesothelioma; and cancers of the esophagus, stomach, colon and other organs. Asbestosis is not always fatal; it is, however, incurable. Mesothelioma tends to be 100% fatal, as there is no cure.

2.1 NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP)

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



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

3.0 ABATEMENT CONDITIONS

The US Environmental Protection Agency (EPA) rules concerning the application, removal, and disposal of Asbestos Containing Building Materials (ACBM) were issued under the asbestos NESHAP (US EPA National Emission Standard of Hazardous Air Pollutants, 40 CFR 61 Sub- part M, October 30, 1987). The asbestos NESHAP regulation governs asbestos demolition and renovation projects in all facilities. The NESHAP rule usually requires owners or operators to have all friable ACM removed before a building is demolished and may require its removal before renovation. For renovation projects where friable ACM will be disturbed, the NESHAP rule may require appropriate work practice or procedure for the controls of emissions. It states that any ACM that may become friable possesses a potential hazard that should be addressed. The Department of Environmental Protection (DEP) USVI, requires inspecting for the



presence of ACM prior to renovation or demolition, DEP requires submitting manifests for the asbestos disposal. Abatement, as defined by EPA, means any set of measures designed to eliminate asbestos hazards, permanently. The people providing the services must be trained in accordance with EPA accreditation/certification requirements. The product manufacturer and/or contractor must warranty abatement methods to last a minimum of 20 years, or these methods must have a design life of at least 20 years. Abatement activities may include, but are not necessarily limited to: the onsite or offsite removal of asbestos containing materials; the replacement of components or fixtures containing asbestos; the permanent enclosure of ACM with construction materials mechanically-fastened to the substrate; the encapsulation of ACM with specially designed products; or the removal or permanent covering (rigid barriers) of soil with asbestos hazards. If the enclosure or encapsulation is conducted as an abatement method, the ACM remains on the property, so ongoing ACM maintenance is required.



3.1 PROJECT IDENTIFICATION/ DESCRIPTION

The project consists of a three (3) buildings in Fajardo PR. The structures are scheduled to undergo renovation or demolition in the near future. The residence appears to have been constructed around the 1980's to 1990's.

4.0 METHODS OF BUILDING INSPECTION

The visual inspection was conducted according to the condition of suspect ACM observed and the potential for material disturbance. The assessment scheme followed the recommendations by EPA as a result of the Asbestos Hazard Emergency Response Act and outlined in the Code of Federal Regulations 40 CFR Part 763.88 dated October 30, 1987 and amended by 40 CFR Part 61, National Emission Standards for Hazardous Air Pollutants (Asbestos NESHAP Revision, Final Rule, November 20, 1990).

Each functional space was visually inspected to identify the location of any suspect ACM. An assessment was then made of the friability of suspected ACM by touching the material to determine if it could be pulverized, crumbled or reduced to powder by hand pressure. Upon completion of functional space investigation, bulk sample(s) were collected and grouped into "Homogeneous Sampling Areas" (i.e. areas which are uniform by color, texture, construction/application date and general appearance).

ACM is categorized as follows:



1. Category I, non-friable ACM: This includes asbestos containing packing's, gaskets, resilient floor covering and asphalt roofing products containing more than 1% asbestos.
2. Category II, non-friable ACM: This includes any materials, excluding Category I non-friable ACM containing more than 1% asbestos, that when dry cannot be crumbled, pulverized or reduced to powder by hand pressure.
3. Friable asbestos materials: This includes any material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure.

A physical hazard assessment was performed based on AHERA regulations. This protocol provides separate analysis for three types of materials: Surfacing, Thermal Insulation and Miscellaneous. However, this protocol does not provide a means for relative ranking of individual hazards within the category. Therefore, a separate analysis was performed as to assess hazard ranking which could be used for this type of material. The hazard assessment combines the level of potential disturbance with the current condition of ACM to indicate overall hazard potential. The rankings of potential hazards range from 1-most hazardous to 7-least hazardous. The highest rank is reserved for ACM which is significantly damaged. A review of the definition of "significant damage" reveals that the definitions are designed to identify ACM, which is so extensively damaged or deteriorated, that it requires immediate corrective action. Hazard rank 2- 4 reflects ACM, which is "damaged" as defined by AHERA, with rank 2 indicating a "potential for significant damage" and rank 3 indicating a "potential for



damage”. Hazard ranks 5-7 are reserved for ACM currently in good condition, but with a range in the likelihood for future disturbance.

5.0 SAMPLING METHODS

Guidelines used for this inspection were established by the Environmental Protection Agency (EPA) in the Guidance for Controlling Asbestos Containing Materials in Buildings, 40 CFR Part 763 and Asbestos Hazard Emergency Response Act (AHERA). Field information was organized as per the AHERA concept of Homogeneous Area (HA). Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) with dispersion staining, as described in 40 CFR Part 763 and the National Emissions Standard for Hazardous Air Pollutants (NESHAPS). All samples were sent to AES International, an NVLAP accredited laboratory. Sample locations were chosen to be representative of the homogeneous sampling area.

6.0 INSPECTION RESULTS AND CONCLUSIONS

Asbestos Containing Materials were not found during this inspection.



7.0 LIMITATIONS

This asbestos containing materials survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. All results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the site. The information contained in this report is relevant to the date on which this survey was performed and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by the Client for specific application to their project, as discussed. This report is not intended for use as a bidding document. All contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Innovate Corporation does not warrant the work of regulatory agencies, laboratories or other third parties supplying information, which may have been used in the preparation of this report. No warranty, express or implied is made.

Innovate Corporation conducted this survey in a manner as comprehensive as possible; however, hidden or concealed materials not accessible at the time of this inspection may be discovered. If previously unidentified suspect asbestos containing materials are discovered, please contact us for further assessment prior to disturbance.



EXHIBIT 6B

LEAD BASED PAINT INSPECTION REPORT



PROJECT:

Centro Multidisciplinario Veve Calzada

Centro Multidisciplinario Veve Calzada, Fajardo PR 00738

PREPARED FOR:

Ingenium Professional Group PSC

PREPARED BY:

Claudio Cabral

INSPECTION DATE:

September 21, 2023

REPORT DATE:

September 23, 2023

A handwritten signature in black ink, appearing to read "Claudio Cabral".



TABLE OF CONTENTS

SUMMARY	3
1.0 INTRODUCTION	4
2.0 LEAD BASED PAINT METHODOLOGY	4
3.0 TESTING PROCEDURE	5
4.0 RESULTS AND CONCLUSIONS	7
5.0 LIMITATIONS	7

APPENDICES

APPENDIX I: CERTIFICATIONS AND CREDENTIALS

APPENDIX II: SUMMARY OF XRF READINGS

APPENDIX III: PHOTO LOG

APPENDIX IV: SITE MAP

APPENDIX V: NO PRESENCE OF LEAD PAINT LETTER ☒ YES ☐ NO



SUMMARY

A survey for Lead Based Paint (LBP) was conducted by Innovate Corporation, by Mr. Claudio Cabral on September 21, 2023 for one (1) structure. The structures are located at Centro Multidisciplinario Veve Calzada, Fajardo PR 00738. The structure appears to have been built about 30 years ago, around the 1980's to 1990's. The survey was conducted in order to identify LBP coatings on and within the site, which is scheduled for renovation or demolition. The survey included complete testing of all accessible and visible surfaces. Inspections were conducted with an XRF instrument manufactured by Thermo Scientific and/or paint chip collection for chemical analysis by a qualified laboratory.

- **Positive LBP coatings were not detected during this inspection (XRF readings). A summary of LBP components, where detected, are shown in Appendix II.**



1.0 INTRODUCTION

A survey for Lead Based Paint (LBP) was conducted by Innovate Corporation, by Mr. Claudio Cabral on September 21, 2023 for one (1) structure. The structures are located at Centro Multidisciplinario Veve Calzada, Fajardo PR 00738. The survey was conducted in order to identify LBP coatings on and within the site, which is scheduled for renovation or demolition. The survey was conducted using the single-family testing protocol outlined by HUD in 1997. The inspection was conducted by Claudio Cabral. Mr. Cabral is a Lead Risk Assessor (LBPRA-33222-380).

2.0 LEAD BASED PAINT METHODOLOGY

The lead-based paint testing protocol officially available at the time of this survey was published by HUD initially in 1990, revised in 1991 and finalized in 1995. A revised Chapter 7 was published in 1997. In accordance with the new protocol, all surfaces present at the site must be tested. The above guidelines were used to perform lead based-paint testing for this investigation.

The hazard level of lead in paint has been determined by the Department of Housing & Urban Development (HUD) to be 1.0 mg/cm², as measured by XRF or Atomic Absorption Spectroscopy (AAS), or 0.5% by weight (or 5000 ppm) as measured by



AAS, or Inductive Coupled Plasma (ICP). The same level was adopted by EPA regulations published in 1992, under Title X.

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

1. Select the painted area to be tested
2. Classify XRF and paint chips results
3. Collect and analyze paint chip samples, for inconclusive results
4. Classify paint chips results
5. Review and evaluate the data
6. Report findings

3.0 TESTING PROCEDURE

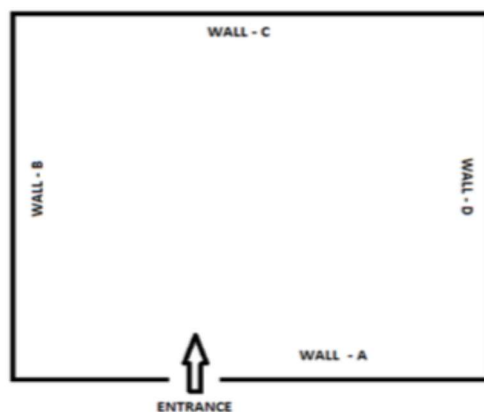
For this survey, the painted components testing was performed with a Thermo Scientific, and/or Niton X Ray fluorescence instrument (serial number 113997). The instrument operates in two modes: 1) standard mode and 2) time corrected mode (Lead in Paint K+L variable reading time mode). The standard mode is selected for the NIST reference readings to ensure that instrument is working according to the manufacturer's Performance Characteristic Sheet (PCS). The mode selected for sampling of components was the time corrected mode (Lead in Paint variable reading time mode) which allows reference to the abatement level set 1.0 mg/cm². The results are reported



at 95% confidence levels and the quality of the testing verified according to the manufacturer's recommendations. Results are evaluated based on the following criteria:

- If the results of the surface analyzed by the XRF Spectrum Analyzer is less than 1.0 mg/cm² it is considered negative.
- If the results of the surface analyzed by the XRF Spectrum Analyzer is equal or greater than 1.0 mg/cm² it is considered positive.
- In case of inconclusive results, paint chips (sample of the paint) will be analyzed at the laboratory and reported by weight or ppm.

Component sampling was conducted using a clockwise path for all functional spaces including exterior sides of selection as per the following figure:





4.0 RESULTS AND CONCLUSIONS

One hundred seventy-five (175) XRF readings were taken. Positive LBP components were not found at the time of this inspection. The results of the tested components are shown in Appendix II.

5.0 LIMITATIONS

This survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. All results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the site. The information contained in this report is relevant to the date on which this survey was performed and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by the Client for specific application to their project, as discussed. This report is not intended for use as a bidding document. All contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Innovate Corporation does not warrant the work of regulatory agencies, laboratories or other third parties supplying information, which may have been used in the preparation of this report. No warranty, express or implied is made.



Innovate Corporation conducted this survey in a manner as comprehensive as possible; however, hidden or concealed coatings not accessible at the time of this inspection may be discovered. If previously unidentified coatings are discovered, please contact us for further assessment prior to disturbance.



APPENDIX I: CERTIFICATIONS AND CREDENTIALS



Claudio Cabral Rivas
Lead Risk Assessor
LBPRA-33222-380

	GOBIERNO DE PUERTO RICO Departamento de Recursos Naturales y Ambientales
Este certificado es otorgado a:	
Innovate Corporation	
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-16723-025	
Fecha de emisión: Junio 24, 2023 Fecha de Expiración: Junio 23, 2024	 José Roque Juliá Jefe División Desperdicios Tóxicos
	

ThermoFisher
SCIENTIFIC

CERTIFICATE

This Certifies that

Claudio Cabral

Has successfully completed

**Safety Training for
~ Sealed Source XRF - Radiation Safety ~**

Supervisor Signature

6/18/2020

COMPLETION DATE

Jean Geslin

Jean Geslin, RSO
Thermo Fisher Scientific

Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

MANUFACTURER AND MODEL:

Make: Niton LLC

Tested Model: XLp 300

Source: ^{109}Cd

Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.

XLp 300A, XLp 301A, XLp 302A and XLp 303A.

XLi 700A, XLi 701A, XLi 702A and XLi 703A.

XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm² (inclusive)

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 readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L 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 from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

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.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

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. Use the K+L variable time mode readings.

Conduct XRF retesting 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 housing a result is defined as the average of three readings. In multifamily housing, a result is 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 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 results.

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

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:

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

Testing Times Using K+L Reading Mode (Seconds)						
	All Data			Median for laboratory-measured lead levels (mg/cm ²)		
Substrate	25 th Percentile	Median	75 th Percentile	Pb < 0.25	0.25 ≤ Pb < 1.0	1.0 ≤ Pb
Wood Drywall	4	11	19	11	15	11
Metal	4	12	18	9	12	14
Brick Concrete Plaster	8	16	22	15	18	16

CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* 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. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.



APPENDIX II: SUMMARY OF XRF READINGS



XRF Form for Lead Base Paint Inspection

Customer Name: Ingenium Professional PSC		Project Name: Centro Multidisciplinario Veve Calzada						
Contact: Kenly Santillana		Total Samples: 175						
Phone / Fax/Email:		Bldg/Structure: Slab on grade						
Collected By: Claudio Cabral		Floor: Buildings A B and C						
Date: 21-Sep-23		XRF Serial No. Thermo Niton 300 (113997)						
Project Description: LBP Inspection								
Reading #	Structure	Room	Sustrate	Color	Component & Location	XRF Reading mg/cm2	Paint Condition	Measurement
1	Calibration					0.900		
2	Calibration					1.100		
3	Calibration					1.100		
4	Single Family	Exterior	Concrete	Pink	Build A Wall A	0.000	Good	
5	Single Family	Exterior	Concrete	White	Build A Wall A	0.000	Good	
6	Single Family	Exterior	Concrete	Beige	Build A Wall A	0.000	Good	
7	Single Family	Exterior	Metal	Gray	Build A Wall A Window Rail	0.000	Good	
8	Single Family	Exterior	Metal	White	Build A Wall A Window	0.000	Good	
9	Single Family	Exterior	Wood	Brown	Build A Door	0.000	Good	
10	Single Family	Exterior	Concrete	Orange	Build A Wall B	0.000	Good	
11	Single Family	Exterior	Concrete	Pink	Build A Wall B	0.000	Good	
12	Single Family	Exterior	Concrete	White	Build A Wall B	0.000	Good	
13	Single Family	Exterior	Metal	Gray	Build A Wall B Window Rail	0.000	Good	
14	Single Family	Exterior	Metal	White	Build A Wall B Window	0.000	Good	
15	Single Family	Exterior	Concrete	Beige	Build A Wall C	0.000	Good	
16	Single Family	Exterior	Concrete	Orange	Build A Wall C	0.000	Good	
17	Single Family	Exterior	Metal	Gray	Build A Wall C Window Rail	0.000	Good	
18	Single Family	Exterior	Metal	White	Build A Wall C Window	0.000	Good	
19	Single Family	Exterior	Concrete	Beige	Build A Wall D	0.000	Good	
20	Single Family	Exterior	Concrete	White	Build A Wall D	0.000	Good	
21	Single Family	Exterior	Concrete	Orange	Build A Wall D	0.000	Good	
22	Single Family	Exterior	Concrete	White	Build A Wall D Window	0.000	Good	
23	Single Family	Exterior	Concrete	Beige	Build A Entrance Ceiling	0.010	Good	
24	Single Family	Exterior	Concrete	White	Build A Entrance Floor Tiles	0.300	Good	
25	Single Family	Interior	Concrete	Beige	Build A Wall A	0.000	Good	
26	Single Family	Interior	Concrete	Beige	Build A Wall B	0.000	Good	
27	Single Family	Interior	Concrete	Beige	Build A Wall C	0.000	Good	
28	Single Family	Interior	Concrete	Beige	Build A Wall D	0.000	Good	
29	Single Family	Interior	Concrete	Beige	Build A Wall B W Sill	0.000	Good	
30	Single Family	Interior	Concrete	Beige	Build A Wall D W Sill	0.010	Good	
31	Single Family	Interior	Concrete	Beige	Build A Ceiling	0.000	Good	
32	Single Family	Interior	Ceramic	White	Build A Floor Tiles	0.270	Good	
33	Single Family	Interior	Concrete	Beige	Build A Kitchen Wall A	0.000	Good	
34	Single Family	Interior	Concrete	Beige	Build A Kitchen Wall B	0.000	Good	
35	Single Family	Interior	Concrete	Beige	Build A Kitchen Wall C	0.020	Good	
36	Single Family	Interior	Concrete	Beige	Build A Kitchen Wall D	0.030	Good	
37	Single Family	Interior	Ceramic	White	Build A Kitchen Tiles Wall C	0.020	Good	



38	Single Family	Interior	Ceramic	White	Build A Kitchen Topping	0.010	Good	
39	Single Family	Interior	Concrete	Beige	Build A Kitchen W Sill	0.000	Good	
40	Single Family	Interior	Wood	Brown	Build A Office Door	0.000	Good	
41	Single Family	Interior	Concrete	Beige	Build A Office Wall A	0.000	Good	
42	Single Family	Interior	Concrete	Beige	Build A Office Wall B	0.000	Good	
43	Single Family	Interior	Concrete	Beige	Build A Office Wall C	0.000	Good	
44	Single Family	Interior	Concrete	Beige	Build A Office Wall D	0.000	Good	
45	Single Family	Interior	Concrete	Beige	Build A Bathroom 1 Wall A	0.000	Good	
46	Single Family	Interior	Concrete	Beige	Build A Bathroom 1 Wall B	0.000	Good	
47	Single Family	Interior	Concrete	Beige	Build A Bathroom 1 Wall C	0.000	Good	
48	Single Family	Interior	Concrete	Beige	Build A Bathroom 1 Wall D	0.000	Good	
49	Single Family	Interior	Concrete	Beige	Build A Bathroom 1 Wall A	0.020	Good	
50	Single Family	Interior	Ceramic	White	Build A Bathroom 1 Toilet	0.010	Good	
51	Single Family	Interior	Ceramic	White	Build A Bathroom 1 Sink	0.000	Good	
52	Single Family	Interior	Concrete	Beige	Build A Bathroom 1 Ceiling	0.000	Good	
53	Single Family	Interior	Concrete	Beige	Build A Bathroom 2 Wall A	0.000	Good	
54	Single Family	Interior	Concrete	Beige	Build A Bathroom 2 Wall B	0.000	Good	
55	Single Family	Interior	Concrete	Beige	Build A Bathroom 2 Wall C	0.000	Good	
56	Single Family	Interior	Concrete	Beige	Build A Bathroom 2 Wall D	0.000	Good	
57	Single Family	Interior	Concrete	White	Build A Bathroom 2 Toilet	0.020	Good	
58	Single Family	Interior	Concrete	White	Build A Bathroom 2 Sink	0.010	Good	
59	Single Family	Exterior	Concrete	Black	Build B Wall A	0.050	Good	
60	Single Family	Exterior	Concrete	Gray	Build B Wall A	0.000	Good	
61	Single Family	Exterior	Metal	N/A	Build B Wall A Railings	0.000	Good	
62	Single Family	Exterior	Metal	Gray	Build B Wall A Doors	0.000	Good	
63	Single Family	Exterior	Wood	Gray	Build B Wall A	0.000	Good	
64	Single Family	Exterior	Concrete	Peach	Build B Wall A	0.000	Good	
65	Single Family	Exterior	Concrete	Pink	Build B Wall B	0.000	Good	
66	Single Family	Exterior	Metal	Pink	Build B Wall B Door	0.000	Good	
67	Single Family	Exterior	Concrete	Pink	Build B Wall C	0.000	Good	
68	Single Family	Exterior	Metal	Pink	Build B Wall C Door	0.000	Good	
69	Single Family	Exterior	Metal	White	Build B Wall C Window	0.000	Good	
70	Single Family	Exterior	Concrete	Pink	Build B Wall D	0.000	Good	
71	Single Family	Exterior	Metal	N/A	Build B Wall D Window Rail	0.000	Good	
72	Single Family	Interior	Concrete	White	Build B Activities Area Wall A	0.000	Good	
73	Single Family	Interior	Concrete	White	Build B Activities Area Wall B	0.000	Good	
74	Single Family	Interior	Concrete	White	Build B Activities Area Wall C	0.000	Good	
75	Single Family	Interior	Concrete	White	Build B Activities Area Wall D	0.000	Good	
76	Single Family	Interior	Concrete	White	Build B Activities Area Ceiling	0.000	Good	
77	Single Family	Interior	Concrete	Green	Build B Activities Area Wall,B	0.000	Good	
78	Single Family	Interior	Concrete	N/A	Build B Activities Area Floor Unp.	0.000	Good	
79	Single Family	Interior	Concrete	Green	Build B Shower Wall A	0.000	Good	
80	Single Family	Interior	Concrete	Green	Build B Shower Wall B	0.000	Good	



81	Single Family	Interior	Concrete	White	Build B Shower Wall C	0.000	Good	
82	Single Family	Interior	Concrete	White	Build B Shower Wall D	0.000	Good	
83	Single Family	Interior	Concrete	White	Build B Womens Bath Wall A	0.000	Good	
84	Single Family	Interior	Concrete	White	Build B Womens Bath Wall B	0.000	Good	
85	Single Family	Interior	Concrete	White	Build B Womens Bath Wall C	0.000	Good	
86	Single Family	Interior	Concrete	White	Build B Womens Bath Wall D	0.000	Good	
87	Single Family	Interior	Wood	White	Build B Womens Bath Panels	0.040	Good	
88	Single Family	Interior	Ceramic	White	Build B Womens Bath Sink	0.000	Good	
89	Single Family	Interior	Ceramic	White	Build B Womens Bath Toilet	0.020	Good	
90	Single Family	Interior	Concrete	White	Build B Womens Bath Ceiling	0.000	Good	
91	Single Family	Interior	Concrete	White	Build B Womens Bath W Sill	0.000	Good	
92	Single Family	Interior	Concrete	Gray	Build B Mens Bath Wall A	0.000	Good	
93	Single Family	Interior	Concrete	Gray	Build B Mens Bath Wall B	0.000	Good	
94	Single Family	Interior	Concrete	Gray	Build B Mens Bath Wall C	0.000	Good	
95	Single Family	Interior	Concrete	Gray	Build B Mens Bath Wall D	0.000	Good	
97	Single Family	Interior	Wood	Gray	Build B Mens Bath Panels	0.000	Good	
98	Single Family	Interior	Ceramic	White	Build B Mens Bath Toilet	0.000	Good	
99	Single Family	Interior	Ceramic	White	Build B Mens Bath Sink	0.000	Good	
100	Single Family	Interior	Concrete	Gray	Build B Mens Bath Ceiling	0.000	Good	
101	Single Family	Interior	Concrete	N/A	Build B Mens Bath Floor Unp	0.000	Good	
102	Single Family	Interior	Concrete	Gray	Build C Wall A	0.000	Good	
103	Single Family	Interior	Concrete	Peach	Build C Wall A	0.000	Good	
104	Single Family	Interior	Concrete	Green	Build C Wall A	0.000	Good	
105	Single Family	Interior	Metal	White	Build C Wall A Window	0.000	Good	
106	Single Family	Interior	Metal	White	Build C Wall A Door Rail	0.000	Good	
107	Single Family	Exterior	Wood	Black	Build C Wall A Door Frame	0.010	Good	
108	Single Family	Exterior	Concrete	Gray	Build C Wall B	0.000	Good	
109	Single Family	Exterior	Metal	White	Build C Wall B Windows	0.000	Good	
110	Single Family	Exterior	Concrete	Gray	Build C Wall C	0.000	Good	
111	Single Family	Exterior	Concrete	Pink	Build C Wall C	0.000	Good	
112	Single Family	Exterior	Concrete	Green	Build C Wall C	0.040	Good	
113	Single Family	Exterior	Metal	White	Build C Wall C Windows	0.000	Good	
114	Single Family	Exterior	Metal	Pink	Build C Wall C Door	0.020	Good	
115	Single Family	Exterior	Concrete	Gray	Build C Wall D	0.000	Good	
116	Single Family	Exterior	Metal	White	Build C Wall D Windows	0.000	Good	
117	Single Family	Interior	Concrete	Blue	Build B Kiosk Wall A	0.000	Good	



118	Single Family	Interior	Concrete	Blue	Build B Kiosk Wall B	0.000	Good	
119	Single Family	Interior	Concrete	Blue	Build B Kiosk Wall C	0.000	Good	
120	Single Family	Interior	Concrete	Blue	Build B Kiosk Wall D	0.000	Good	
121	Single Family	Interior	Concrete	Blue	Build B Kiosk Wall B W Sill	0.000	Good	
122	Single Family	Interior	Concrete	White	Build B Kiosk Ceiling	0.000	Good	
123	Single Family	Interior	Ceramic	White	Build B Kiosk Floor Tiles	0.120	Good	
124	Single Family	Interior	Concrete	Black	Build C Wall A	0.000	Good	
125	Single Family	Interior	Metal	White	Build C Wall A Window Rail	0.000	Good	
126	Single Family	Interior	Concrete	Black	Build C Wall B	0.000	Good	
127	Single Family	Interior	Metal	White	Build C Wall B Window Rail	0.000	Good	
128	Single Family	Interior	Concrete	Black	Build C Wall C	0.000	Good	
129	Single Family	Interior	Metal	White	Build C Wall C Window Rail	0.000	Good	
130	Single Family	Interior	Concrete	Black	Build C Wall D	0.000	Good	
131	Single Family	Interior	Concrete	Yellow	Build C Wall D	0.000	Good	
132	Single Family	Interior	Concrete	Beige	Build C Wall D	0.000	Good	
133	Single Family	Interior	Concrete	Beige	Build C Ceiling	0.000	Good	
134	Single Family	Interior	Concrete	White	Build C Ceiling	0.000	Good	
135	Single Family	Interior	Concrete	Yellow	Build C Columns	0.000	Good	
136	Single Family	Interior	Wood	Brown	Build C Gym Room Door	0.000	Good	
137	Single Family	Interior	Concrete	Beige	Build C Gym Room Wall A	0.000	Good	
138	Single Family	Interior	Concrete	Beige	Build C Gym Room Wall B	0.000	Good	
139	Single Family	Interior	Concrete	Beige	Build C Gym Room Wall C	0.000	Good	
140	Single Family	Interior	Concrete	Beige	Build C Gym Room Wall D	0.000	Good	
141	Single Family	Interior	Concrete	Beige	Build C Gym Room Ceiling	0.000	Good	
142	Single Family	Interior	Concrete	Beige	Build C Gym Room Closet Wall A	0.000	Good	
143	Single Family	Interior	Concrete	Beige	Build C Gym Room Closet Wall B	0.000	Good	
144	Single Family	Interior	Concrete	Beige	Build C Gym Room Closet Wall C	0.000	Good	
145	Single Family	Interior	Concrete	Beige	Build C Gym Room Closet Wall D	0.000	Good	
146	Single Family	Interior	Concrete	Beige	Build C Gym Room Closet Ceiling	0.000	Good	



147	Single Family	Interior	Concrete	N/A	Build C Interior Floor Unpainted	0.000	Good	
148	Single Family	Interior	Wood	Red	Build C Womens Bath Door	0.000	Good	
149	Single Family	Interior	Concrete	Peach	Build C Womens Bath Wall A	0.000	Good	
150	Single Family	Interior	Concrete	Peach	Build C Womens Bath Wall B	0.000	Good	
151	Single Family	Interior	Concrete	Peach	Build C Womens Bath Wall C	0.000	Good	
152	Single Family	Interior	Concrete	Peach	Build C Womens Bath Wall D	0.000	Good	
153	Single Family	Interior	Concrete	White	Build C Womens Bath Ceiling	0.000	Good	
154	Single Family	Interior	Ceramic	White	Build C Womens Bath Toilet	0.000	Good	
155	Single Family	Interior	Ceramic	White	Build C Womens Bath Sink	0.000	Good	
156	Single Family	Interior	Ceramic	Beige	Build C Womens Bath Floor Tiles	0.010	Good	
157	Single Family	Interior	Wood	White	Build C Womens Bath Panels	0.020	Good	
158	Single Family	Interior	Concrete	Gray	Build C Mens Bath Wall A	0.000	Good	
159	Single Family	Interior	Concrete	Gray	Build C Mens Bath Wall B	0.000	Good	
160	Single Family	Interior	Concrete	Gray	Build C Mens Bath Wall C	0.000	Good	
161	Single Family	Interior	Concrete	Gray	Build C Mens Bath Wall D	0.000	Good	
162	Single Family	Interior	Concrete	Gray	Build C Mens Bath Ceiling	0.000	Good	
163	Single Family	Interior	Wood	White	Build C Mens Bath Panels	0.020	Good	
164	Single Family	Interior	Ceramic	White	Build C Mens Bath Toilet	0.030	Good	
165	Single Family	Interior	Ceramic	White	Build C Mens Bath Sink	0.010	Good	
166	Single Family	Interior	Ceramic	Beige	Build C Mens Bath Toilet	0.020	Good	
167	Single Family	Interior	Ceramic	White	Build C Mens Bath Urinal	0.000	Good	
168	Single Family	Interior	Concrete	Pink	Build C Storage Wall A	0.000	Good	
169	Single Family	Interior	Concrete	Pink	Build C Storage Wall B	0.000	Good	
170	Single Family	Interior	Concrete	Pink	Build C Storage Wall C	0.000	Good	
171	Single Family	Interior	Concrete	Pink	Build C Storage Wall D	0.000	Good	
172	Single Family	Interior	Ceramic	Beige	Build C Storage Floor Tiles	0.030	Good	
173	Calibration					1.200		
174	Calibration					1.200		
175	Calibration					0.900		



APPENDIX III: PHOTO LOG



A handwritten signature in black ink, appearing to read "Claudio".

Claudio A. Cabral
Innovate Corporation

CENTRO VEVE CALZADA LBP PHOTO LOG

Centro Multidisciplinario Veve Calzada, Fajardo PR 00738

Thursday, September 21, 2023

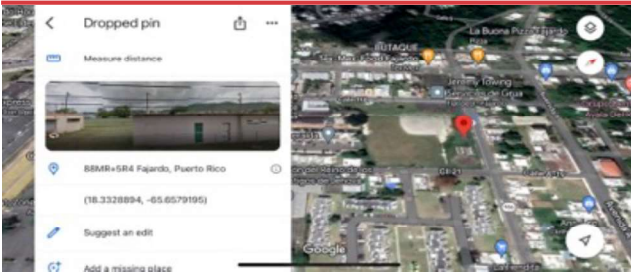
Prepared For Ingenium Professional Group PSC

3 Issues Identified



GENERAL VIEW PHOTO

Assigned To Centro
Multidisciplinario Veve Calzada



LOCATION

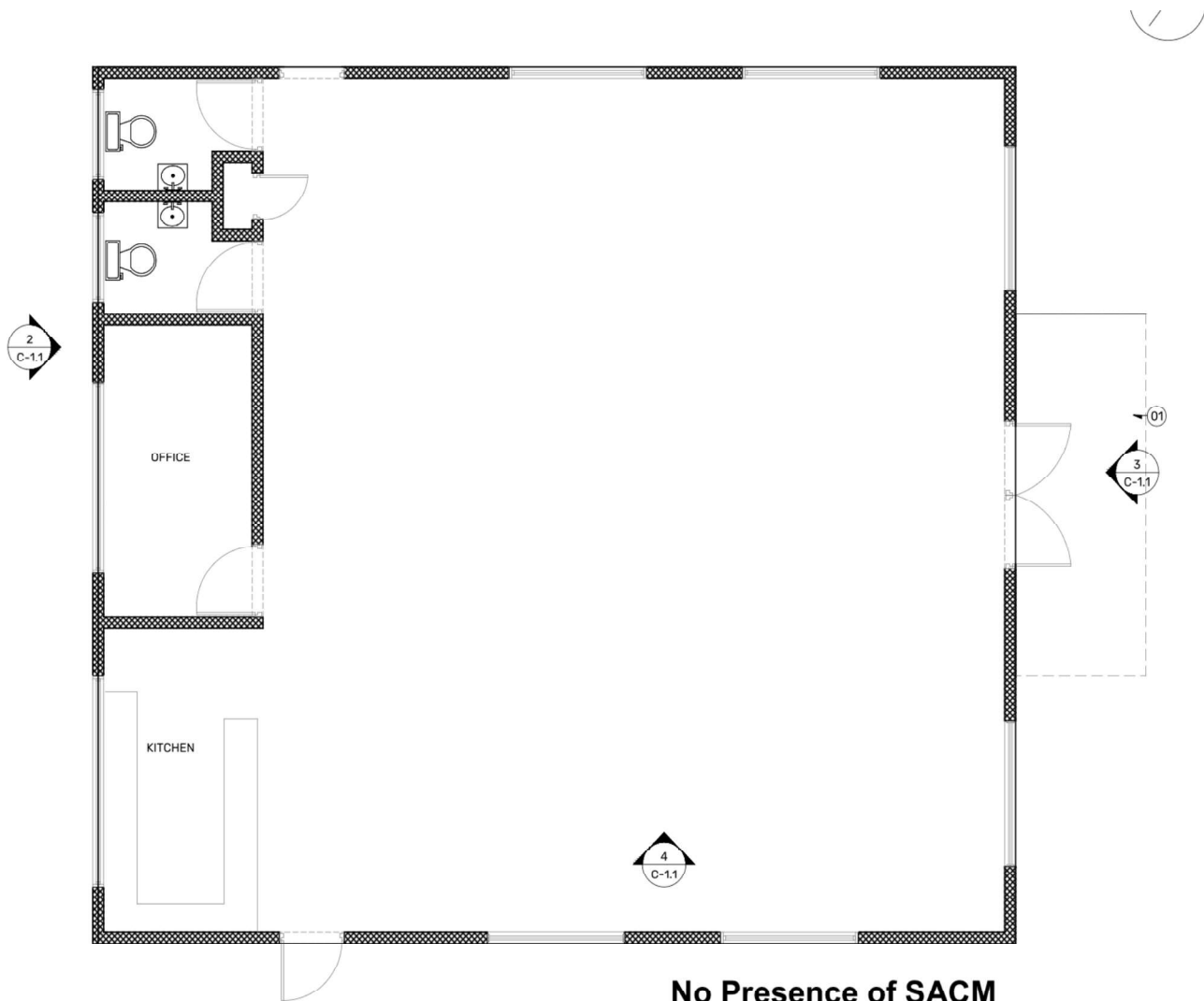
Assigned To Centro
Multidisciplinario Veve Calzada
18.3328894, -65.6579195

LBP

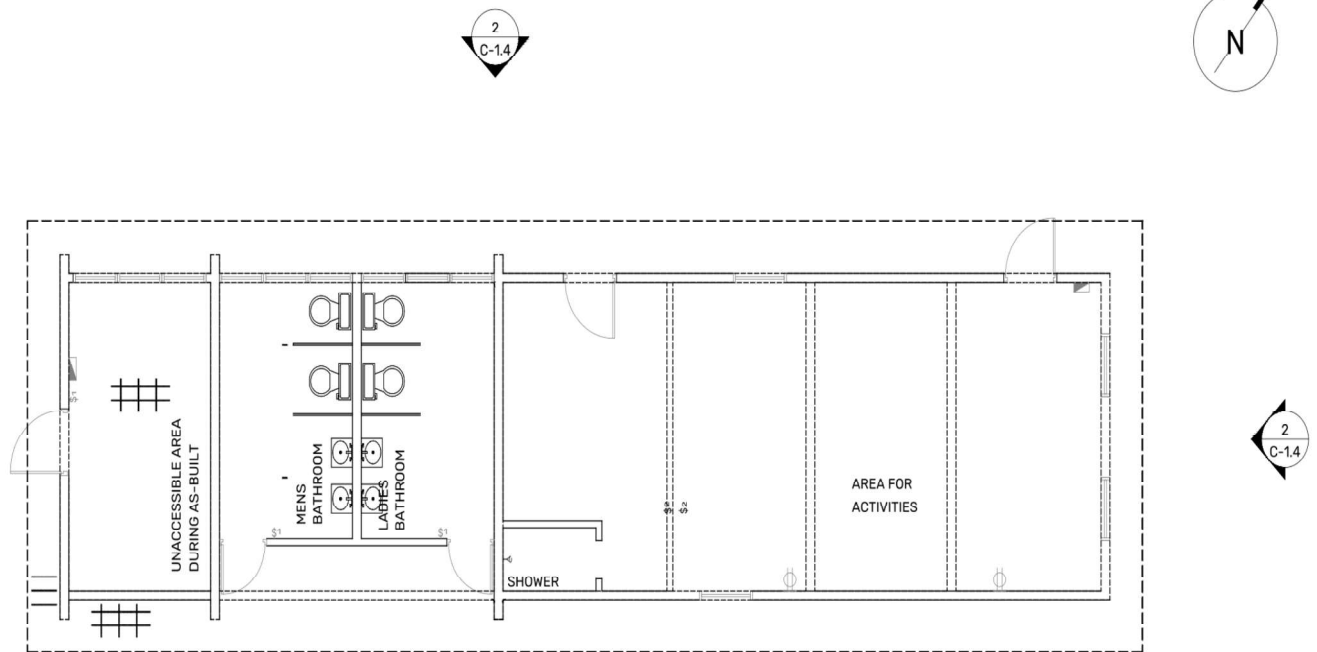
Assigned To Centro Multidisciplinario Veve Calzada
No Presence of LBP



APPENDIX IV: SITE MAP

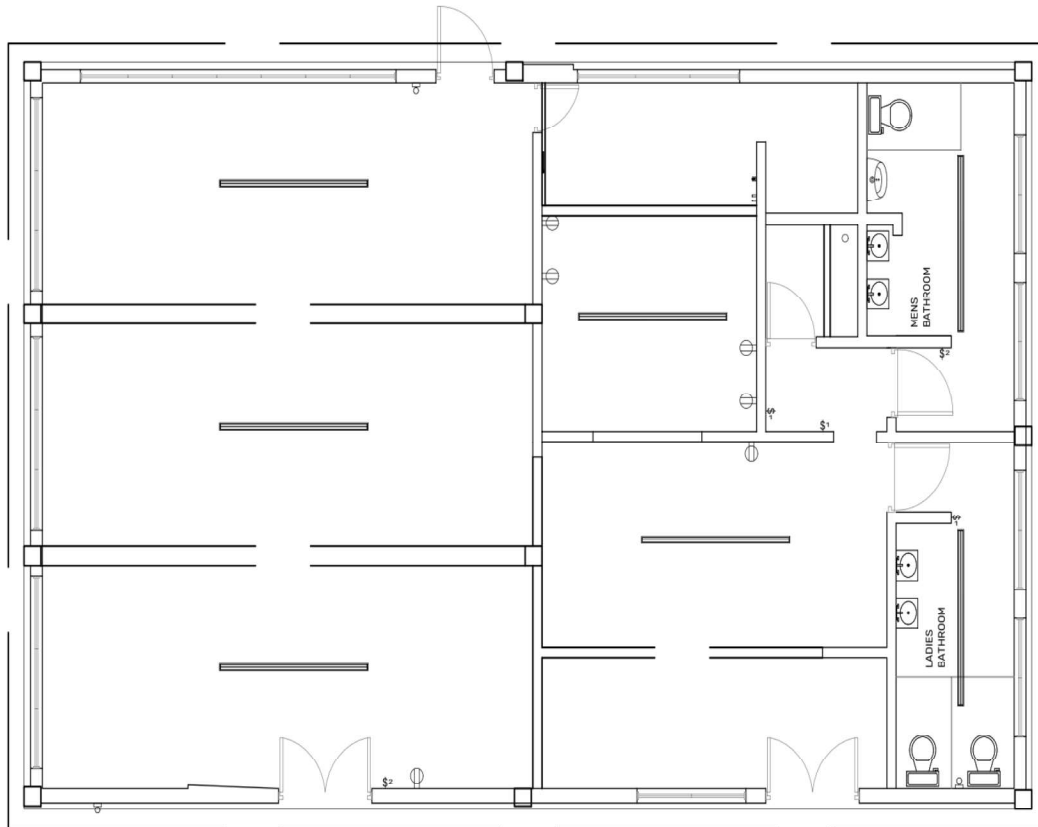


1 AS BUILT FLOOR PLAN. BUILDING A



No Presence of SACM
No Presence of LBP

1 AS BUILT FLOOR PLAN. BUILDING B
 SCALE: 3/16" = 1' - 0"



**No Presence of SACM
No Presence of LBP**

1 FLOOR PLAN AS BUILT. BUILDING C
SCALE: 3/16" = 1' - 0"



APPENDIX V: NO PRESENCE OF LEAD PAINT LETTER



GOBIERNO DE PUERTO RICO
OFICINA DEL GOBERNADOR
JUNTA DE CALIDAD AMBIENTAL



Área de Calidad de Agua

Forma PGC-010

**CERTIFICACION DE NO PRESENCIA DE PINTURA CON BASE DE PLOMO
EN ESTRUCTURAS A DEMOLERSE**
(Deberá completarse en letra de molde o impresa)

Veve Calzada Buildings A/B and C

NUM. PERMISO: _____

Yo, CLAUDIO CABRAL RIVAS, mayor de edad, CASADO, y vecino de CAGUAS
(Inspector o Evaluador de Riesgos) (Estado Civil) (Municipio)

Dirección Postal SUREÑA 144 VIA DE LA ERMITA CAGUAS 00727
(Pueblo) (Zip Code)

Teléfonos: Residencial (787) 593 - 9599 Oficina ()
- Ext. Fax () -

Certifico que:

1. Estoy certificado por la Junta de Calidad Ambiental como (Inspector / ☒ Evaluador de Riesgos) con Número de Certificación LBPRA-33222-380, la cual se encuentra vigente.
2. La estructura localizada en Centro Multidisciplinario Veve Calzada, Fajardo PR 00738, la cual será objeto de una demolición se encuentra libre de pintura con base de plomo.
3. La información antes indicada es cierta y correcta.
4. Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.
5. Para que así conste, firmo la presente certificación en CAGUAS de Puerto Rico,
(Municipio)
hoy día 21 de septiembre de 2023



Firma del Inspector o Evaluador de Riesgos (en original)

Nota : Deberá someter evidencia de la tarjeta o certificado provista por la JCA.

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





APPENDIX I: CERTIFICATIONS AND ACCREDITATION

Innovate

	<p>TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO</p> <p>Esta tarjeta autoriza a:</p> <p>Claudio Cabral Rivas</p> <p>Inspector</p> <p>A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.</p> <p></p> <p>Firma Autorizada - Departamento Recursos Naturales y Ambientales</p>
<p>ASB-0123-0031-SI</p> <p>Número de Registro</p> <p>12-ene-2024</p> <p>Fecha de vencimiento</p>	





APPENDIX II PHOTO LOG OF SUSPECT ASBESTOS CONTAINING MATERIALS



A handwritten signature in black ink, appearing to read "Claudio".

Claudio A. Cabral
Innovate Corporation

CENTRO VEVE CALZADA FAJARDO SACM PHOTO LOG

Centro Multidisciplinario Veve Calzada, Fajardo PR 00738

Thursday, September 21, 2023

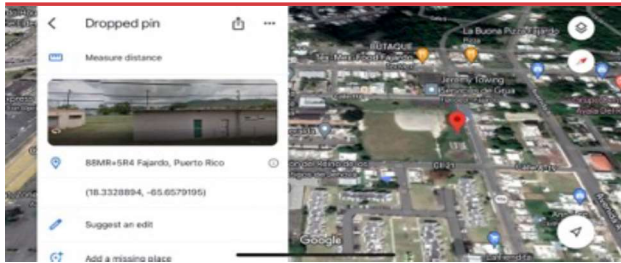
Prepared For Ingenium Professional Group PSC

3 Issues Identified



GENERAL VIEW PHOTO

Assigned To Centro
Multidisciplinario Veve Calzada



LOCATION

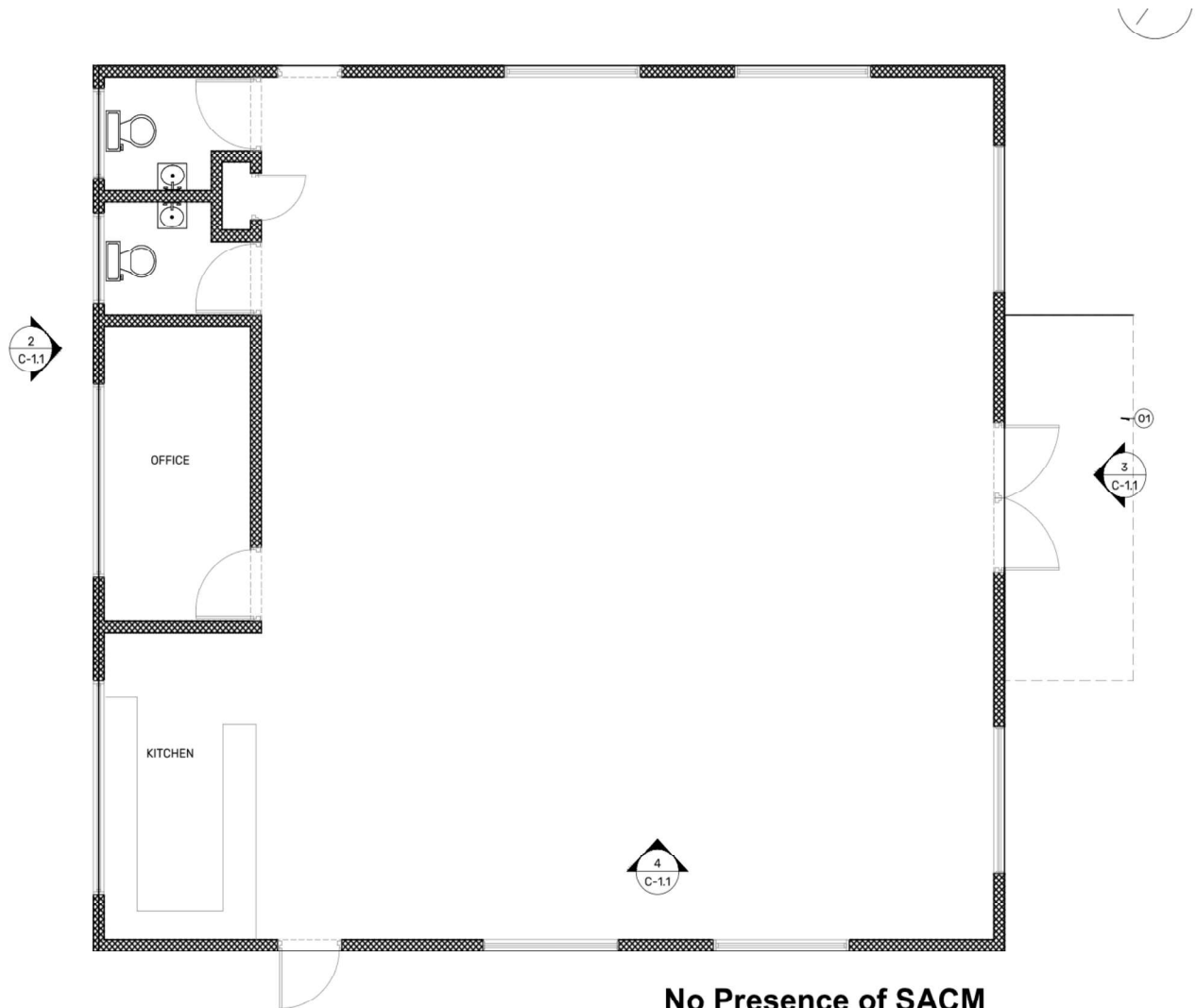
Assigned To Centro
Multidisciplinario Veve Calzada
18.3328894, -65.6579195

SACM

Assigned To Centro Multidisciplinario Veve Calzada
No Presence of SACM

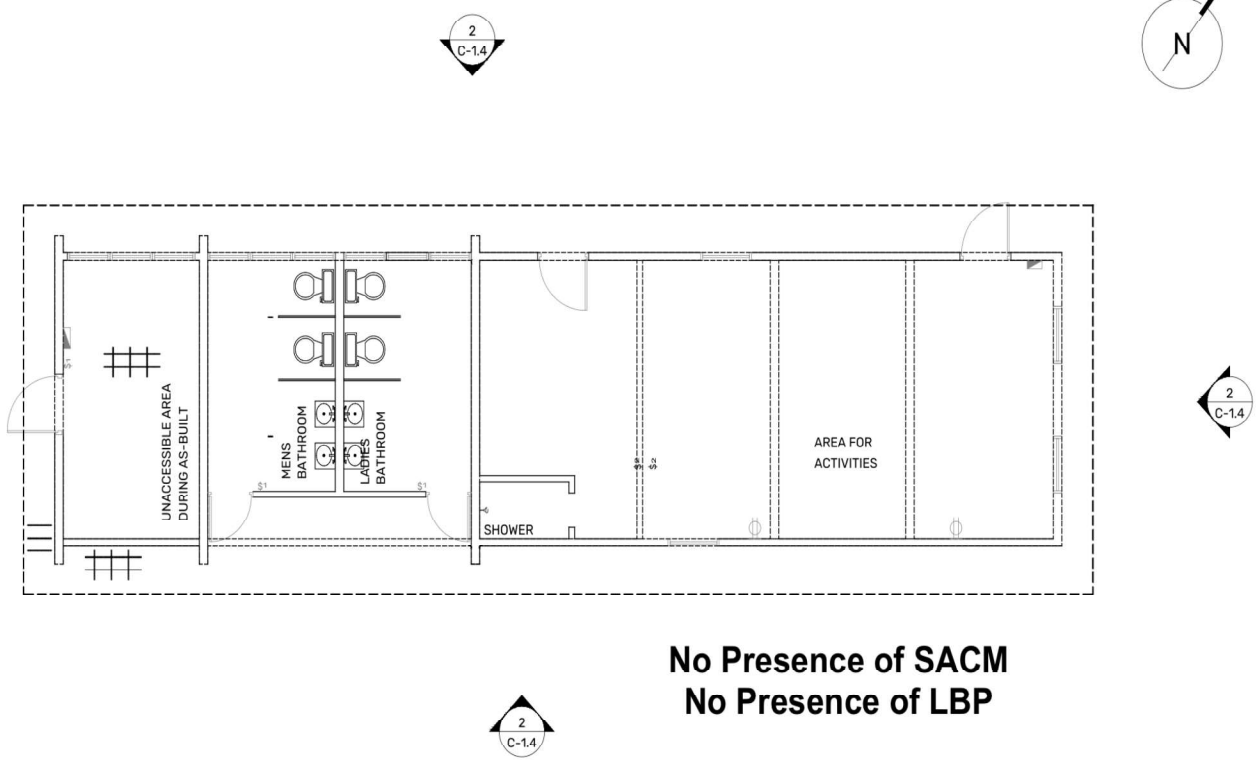


APPENDIX III: SITE MAP



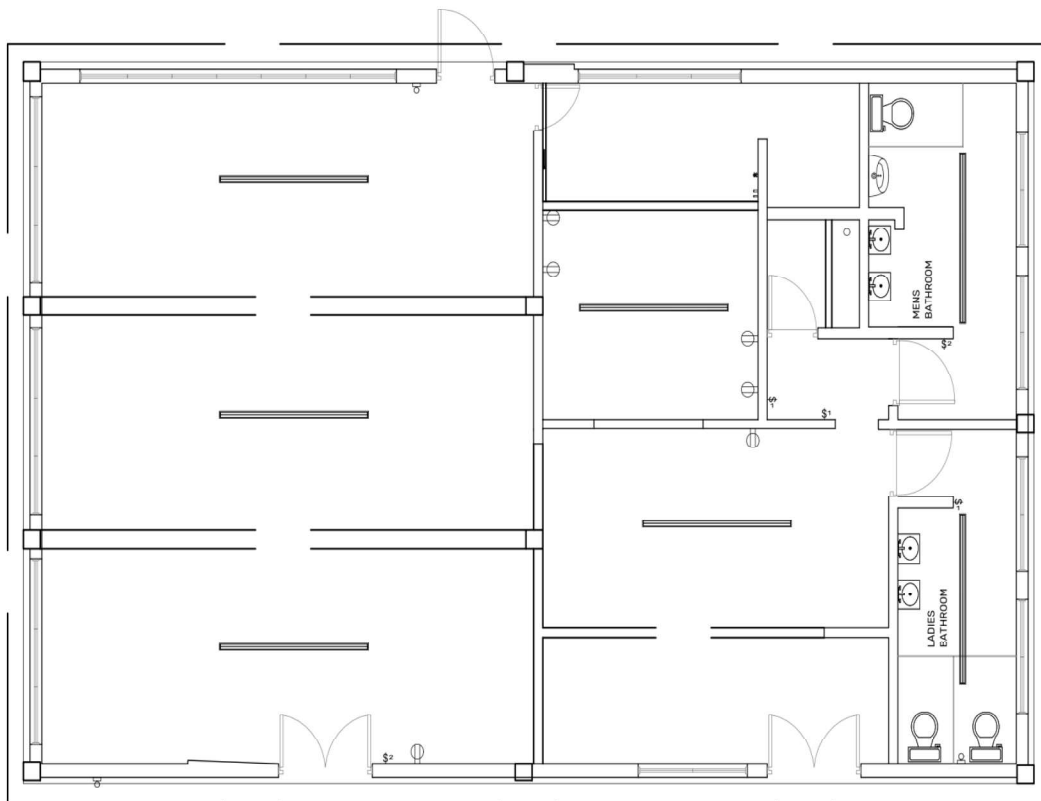
**No Presence of SACM
No Presence of LBP**

1 AS BUILT FLOOR PLAN. BUILDING A



No Presence of SACM
No Presence of LBP

1 AS BUILT FLOOR PLAN. BUILDING B
SCALE: 3/16" = 1' - 0"



No Presence of SACM
No Presence of LBP

1 FLOOR PLAN AS BUILT. BUILDING C
SCALE: 3/16" = 1' - 0"



APPENDIX IV: NO PRESENCE OF ASBESTOS LETTER

- _____ Not Included – Asbestos Detected
- __x__ Included – No Asbestos Detected (see attached)



GOBIERNO DE PUERTO RICO
OFICINA DEL GOBERNADOR
JUNTA DE CALIDAD AMBIENTAL



Área de Calidad de Agua

Forma PGC-009

**CERTIFICACION DE NO PRESENCIA DE ASBESTO
EN ESTRUCTURAS A DEMOLERSE**

(Deberá completarse en letra de molde o impresa)

Veve Calzada Buildings A/B and C

NUM. PERMISO: _____

Yo, Claudio Cabral Rivas, mayor de edad, Casado, y vecino de Caguas
(Nombre) (Estado Civil) (Municipio)

Dirección
Postal Sureña 144 Via de la Ermita Caguas PR 00727
(Pueblo) (Zip Code)

Teléfonos: Residencial (787) 593 - 9599 Oficina (_____) - _____ Ext. _____
Fax (_____) _____ - _____

Certifico que:

1. La estructura localizada en Centro Multidisciplinario Veve Calzada, Fajardo PR 00738, 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 Caguas de Puerto Rico, hoy día 21 de Septiembre de 2023

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.

Exhibit 6C

Field Visit Checklist & Site Evaluation							
Project Name:	CRP: 000890 - Centro Multidisciplinario Veve Calzada, Fajardo				Latitude:	18.33273	
First Name:	Angel	Last Name:	Sotomayor	Longitude:	-65.657779		
Street Address:	Calle 19A #103, Sector Veve Calzada				Apt/Suite:		
City:	Fajardo				State:	PR	Zip: 00738
Date of Visit:	12/20/2024		Field Visit Conducted By:		Angel L. Sotomayor		
EXISTING ENVIRONMENTAL CONDITIONS ON & AROUND SITE							
Levee/Flood Control Structures (Levees, T-walls, pumping stations, etc.)							
	Site Specific				Area		
Observations	No Levee nor Flood Control Structure observed. The storm sewer inlets look in good conditions.				The Project and perimeter streets.		
Toxic Chemicals & Radioactive Materials							
Petroleum or Chemical Storage							
	Site Specific				Area		
Is there any evidence or indication of an underground storage tank (UST) may be located on site?	No evidence observed.				The Project and perimeter streets.		
If yes, are they in use?	N/A				The Project and perimeter streets.		
Are there any out-of-service underground fuel tanks?	No out-of-service tank underground was observed.				The Project and perimeter streets.		
Is there any evidence that any AST on the property are leaking?	No evidence observed.				The Project and perimeter streets.		
Polychlorinated Biphenyls (PCB):							
	Site Specific				Area		
Is there any evidence or indication of leaking electrical equipment (transformer - ground or pole mounted, capacitor, or hydraulic equipment) present on site?	No evidence observed.				The Project and perimeter streets.		
Hazardous Operations							
	Site Specific				Area		
Is there any evidence of manufacturing operations utilizing or producing hazardous substances at or in close proximity to the site?	No evidence observed.				The Project and perimeter streets.		
Is there any evidence or indication that past operations located on or in close proximity to the property used hazardous substances or radiological materials that may have been released into the environment?	No evidence observed.				The Project and perimeter streets.		
Notes/Observations:							
The assessment of the site's current environmental conditions found no evidence of the issues mentioned in this document							



Photograph #1

Date: 12/20/2024

Description: Centro Multidisciplinario Veve Calzada, Fajardo, Calle #21, Intersection Ave. El Veterano (Towards South West).



Photograph #2

Date: 12/20/2024

Description: Centro Multidisciplinario Veve Calzada, Fajardo, Ave. El Veterano Intersection Calle #21 (Towards North West).



Photograph #3

Date: 12/20/2024

Description: Centro Multidisciplinario Veve Calzada, Fajardo, Calle #21, Bldg. A (Towards North West).



Photograph #4

Date: 12/20/2024

Description: Centro Multidisciplinario Veve Calzada, Fajardo, Calle #21, Bldg. A (Towards North East).



Photograph #5

Date: 12/20/2024

Description: Centro Multidisciplinario Veve Calzada, Fajardo, Ave. El Veterano, Bldg. A (Towards West).



Photograph #6

Date: 12/20/2024

Description: Centro Multidisciplinario Veve Calzada, Fajardo, Ave. El Veterano, Bldg. B (Towards West).



Photograph #7

Date: 12/20/2024

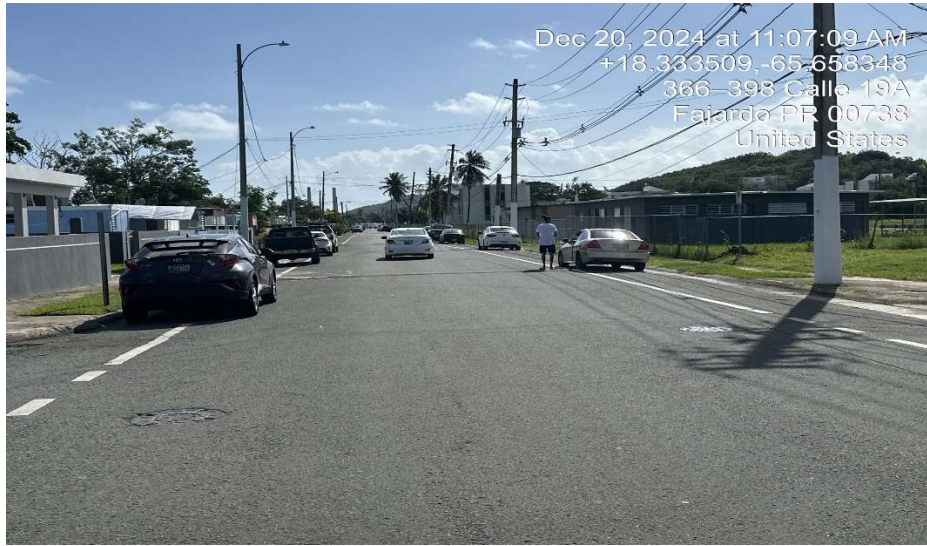
Description: Centro Multidisciplinario Veve Calzada, Fajardo, Ave. El Veterano, Bldg. C (Towards West).



Photograph #8

Date: 12/20/2024

Description: Centro Multidisciplinario Veve Calzada, Fajardo, Calle #19-A (Towards South West).



Photograph #9

Date: 12/20/2024

Description: Centro Multidisciplinario Veve Calzada, Fajardo, Ave. El Veterano, (Towards South East).

**Memorandum to File**

Date: January 22, 2025

Anil Desa

From: Anil Desa
Compliance Officer
CDBG-DR Program
City Revitalization Program
Puerto Rico Department of Housing

Application Number: PR-CRP-000890

Project: Centro Multidisciplinario Veve Calzada

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-CRP-000890 under the CDBG-DR City Revitalization 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.

Radon Attachments



August 20, 2024

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

Via email: guerrero.carmen@epa.gov

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

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

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

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

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

Barbosa Ave. #606, Building Juan C. Cordero Davila, Rio Piedras, PR 00981 | PO Box 21365 San Juan, PR 00928-1365
Tel: (787) 274-2527 | www.usenda.pr.gov



August 20, 2024

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

Via email: silvina.cancelos@upr.edu

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Barbosa Ave. #606, Building Juan C. Cordero Davila, Rio Piedras, PR 00981 | PO Box 21365 San Juan, PR 00928-1365
Tel: (787) 274-2527 | www.usenda.pr.gov

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

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

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

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

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

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

Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:

Mr. Oleg Pavetko, Pavetko.Oleg@epa.gov
Mr. Matthew Laitila, laitila.matthew@epa.gov

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

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

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Sincerely,

William O. Rodríguez Rodríguez, Esq.
Secretary

Cc:

Dr. Carlos Marín, carlos.marin3@upr.edu



August 20, 2024

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

Via email: OIA@cdc.gov

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

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

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

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

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

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

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

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

Sincerely,


William O. Rodríguez Rodríguez, Esq.
Secretary



August 20, 2024

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

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

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

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

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

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

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

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

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

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


William O. Rodríguez Rodríguez, Esq.
Secretary

Cc: Mr. Luis Márquez, secretariogaire@dma.pr.gov
Eng. Amarilis Rosario, aire@dma.pr.gov
Mrs. Elid Ortega, ortega@dma.pr.gov



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

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

Via email: dr.carlos.mellado@salud.pr.gov

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Barbosa Ave. #606, Building Juan C. Cordero Dávila, Río Piedras, PR 00981 | PO Box 21365 San Juan, PR 00928-1365
Tel. (787) 274-2527 | www.cdh.pr.gov



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

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

Via email: hweyers@usgs.gov

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

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

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CDBG-DR/MIT Program
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Sincerely,


William O. Rodríguez Rodríguez, Esq.
Secretary

Cc: Mr. Raúl Hernández Dabla, rhernandez2@salud.pr.gov

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

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Sincerely,


William O. Rodríguez Rodríguez, Esq.
Secretary

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

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

Good morning, Sandra and others,

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

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

If you have any additional questions, please contact me.

Thank you and best regards,

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



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

Dear Ms. Medina Smaine,

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

Best regards,

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

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

Good afternoon. Ms. Medina

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

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

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

Saludos.

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

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

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

Estimada Melanie Medina

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

Atentamente

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



Bubble Dynamics Lab
University of Puerto Rico - Mayaguez



EPA REGION 2
CARIBBEAN ENVIRONMENTAL PROTECTION DIVISION

September 23, 2024

VIA EMAIL

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

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

Dear Honorable Secretary Rodriguez Rodriguez:

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

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

Due to the lack of data in Puerto Rico, EPA undertook an investigation in collaboration with the University of Puerto Rico-Mayaguez (UPRM) Campus, Departments of Civil Engineering and Surveying and Mechanical Engineering, to find out if radon presented a problem in Puerto Rico. Up until 2021, the only data we had for Puerto Rico was a 1993-1995 mail-in radon screening study referred to by the U.S. Geological Survey report (USGS, 1995) in which the USGS concluded that several areas of Puerto Rico have the geologic potential to generate indoor radon levels exceeding the EPA Action Level of 4 pCi/L (picocuries per liter), perhaps locally reaching very high levels above 50 pCi/L, if a house construction and

ventilation allow for soil-gas radon to enter and concentrate within the structure.¹ According to the USGS report, most of these areas are located in the northwest part of the island. Please note that the actual 1993-1995 study documentation is not available to the EPA.

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

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

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

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

CITY VIEW PLAZA II BUILDING, 7TH FLOOR
ROUTE 185 GUAYNABO, PR 00988

2

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

Sincerely,

CARMEN
GUERRERO
PEREZ

Carmen R. Guerrero Pérez
Director

Digitally signed by
CARMEN GUERRERO PEREZ
Date: 2024.09.23 09:41:39
-04'00'

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



DEPARTMENT OF

HOUSING

GOVERNMENT OF PUERTO RICO

**Transmittal Letter**

March 5, 2025

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.

Reviewer **DAMARIS ROMAN RUIZ**
 Digitally signed by DAMARIS ROMAN RUIZ
 Date: 2025.03.18 10:32:47 -04'00'

LOURDES MENA
 Digitally signed by LOURDES MENA
 Date: 2025.03.24 10:44:08 -04'00'
 Caribbean ES Field Supervisor

RE: USFWS Endangered Species Act Certifications – February 2025

We are submitting the following Self-Certifications for projects under the CDBG-DR Re-Grow PR Urban-Rural Agriculture Program, Small Business Financing Program and City Revitalization Program, and CDBG-MIT Economic Development Investment Portfolio for Growth – Lifeline Mitigation 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
IPGM-00145_S2	Proyecto Placas Solares Automeca
PR-CRP-000890	Centro Multidisciplinario Veve Calzada
PR-RGRW-03931-W	Sergio A. Colón Colón
PR-SBF-00532-E	Mariely Colon Rodriguez hnc M Boutique

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



DEPARTMENT OF

HOUSING

GOVERNMENT OF PUERTO RICO



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: **Centro Multidisciplinario Veve Calzada (PR-CRP-000890)** consisting of the rehabilitation of a building (Building A) to serve as the Multidisciplinary Center and provide services to the community, rehabilitation of another building (Building C) to serve as a boxing gym, and demolition of a third building (Building B). The buildings located at Bo. Pueblo, Sec. Veve Calzada, Ave. El Veterano, Fajardo, Puerto Rico comply with:

Check	Project Criteria
<input type="checkbox"/>	1. Street resurfacing.
<input type="checkbox"/>	2. Construction of gutters and sidewalks along existing roads.
<input type="checkbox"/>	3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.

<input type="checkbox"/>	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.
<input type="checkbox"/>	7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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.



Angel G. López-Guzmán
Deputy Director
Permits and Environmental Compliance Division
Disaster Recovery Office
Address: P.O. Box 21365 San Juan, PR 00928
Telephone and Ext: 787-274-2527 ext. 4320
Email: environmentcdbg@vivienda.pr.gov

Feb. 27, 2025

Date



Environmental Review Records
Project CRP-000890
Community Development Block Grant – Disaster Recovery
Municipality of Fajardo

A. Mandatory Information:

1. **Application ID:** PR-CRP-000890
2. **Project Name:** Centro Multidisciplinario Veve Calzada
3. **Address:** Bo. Pueblo Sect. Veve Calzada Ave. El Veterano (PR-986) Fajardo PR 00738
4. **Cadaster Information:** 150-025-581-02
5. **Coordinates:** 18.332736, -65.657779
6. **Project Funding Amount:** \$ 1,400,000.00

B. General Information:

1. **Age of the structure impacted: 54 years**
2. **Business Type:**
 - a. Multidisciplinary Center
3. **Project Description:**

Three buildings are within Parcel 150-025-581-02. It is proposed to develop a Multidisciplinary Center aimed at providing services to the community, of which 85% of its residents live on low and moderate income. Medical services, an electronic library, a recreational room, and restrooms for visitors and employees will be provided and administered by the Municipality of Fajardo, which has already established a similar program in another community. This Multidisciplinary Center has also served residents of the Veve Calzada community before, providing medical, educational, and recreational services.

The one-story structure to be renovated and expanded is Building A, measuring approximately 1,720 square feet (Sq.Ft.), and will be expanded to 3,742 Sq.Ft. It is the largest of the three structures. Built in the northeast corner of the parcel, this structure was damaged by hurricanes Irma and María and fell into disrepair and total abandonment. The structure of Building B will be demolish. The foregoing taking into account its poor condition and the structural failure it presents. Building C will be used for the boxing gym, this facility will be rehabilitated.

In addition to revitalizing the storm-affected community by providing essential services, the proposed Multidisciplinary Center will also turn into a resilient community center equipped with educational, health, and economic development programs that prepare and support residents

before, during, and after the storm.

In an emergency it will provide a safe space with the capacity to support critical emergency infrastructure, such as communication systems, solar panels and batteries, a power plant, a portable water tank, emergency preparedness plans, and basic medical supplies, among other resources. As part of the facilities for the project, it is proposed:

Building A:

Virtual library, public bathrooms with showers, medical service, canteen, activity room, administrative office, medical clinic, doctor's office, nursing.

4. Ground Disturbance:

- Excavations will be carried out.
- Demolitions

5. Rehabilitation of buildings and improvements:

- a. Non-residential – Size will be changing, more than 20%? **YES, the existing footprint of building A will be expanded by more than 20%**

6. Former land use and proposed land use: The place was previously used for a school, and the proposed land use will be a multidisciplinary center for the use and enjoyment of the community. There will be no conversion of land use.

7. Acreage: Project Area – 7,317 SF

C. Action:

1. Soft Costs: Operational costs are tied to the maintenance of the new green areas including the conservation of the public facility, electrical monthly cost for lighting, operating staff, labor and materials for maintenance and repairs, periodic renovations, insurances, taxes and utilities.

2. Acquisition: No

3. Demolition of structures:

The structure of Building B will be completely demolished. The foregoing taking into account its poor condition and the structural failure it presents.

4. Purchases: It is understood that all equipment used to develop this project will be sourced and used by the general contractor.

5. Rehabilitation / Renovation / Repair / Improvement

A. The project consists of the rehabilitation of a public facility.

- B. The project will be external.
- C. The project will modify or repair all electrical services, and plumbing elements. Said public services are state public services and will be worked in conjunction with local agencies.
- D. The project will increase more than 20% in size or capacity of the area.
- E. Building A will be expanded, Building B will be demolish, and Building C will be rehabilitated.

6. Construction:

The project consists of the rehabilitation and expansion of 2,000 square feet of buildings A, and rehabilitation of Building C. Building B will be demolished, taking into account the structural flaws it presents. As part of the construction it is contemplated:

Building A:

- Virtual library
- Public bathrooms with showers
- Medical service
- Canteen (kitchen)
- Administrative office
- Doctor's office
- Office nursing assistant

Building C

Activities room, gym.

As per the designer's architectural plan the project limits are:

- South Side - Pueblo Street (Coordinates: 18.33212597, -65.65763673)
- North Side - Pueblo Street (Coordinates: 18.33313269, -65.65894417)
- West Side - Pueblo Street (Coordinates: 18.33157388, -65.65912176)
- East Side - Pueblo Street (Coordinates: 18.33320424, -65.65772600)

- B. The project will be external.
- C. The project will modify or repair all electrical services and/or plumbing elements affected by the construction of the public facility. Said public services are state public services and will be worked in conjunction with local agencies.
- D. The project will not increase more than 20% in size or capacity of the area.

6. Construction:

The project consists of the rehabilitation of buildings A and C,. Building B is completely demolished, taking into account the structural flaws it presents. As part of the construction it is contemplated:

Building A

- Virtual library
- Public bathrooms with showers
- Medical service
- Canteen
- Administrative office
- Doctor's office
- Office nursing assistant

Building C

Activities room .

As per the designer's architectural plan the project limits are:

- South Side -Pueblo Street (Coordinates: 18.33212597, -65.65763673)
- North Side -Pueblo Street (Coordinates: 18.33313269, -65.65894417)
- West Side -Pueblo Street (Coordinates: 18.33157388, -65.65912176)
- East Side -Pueblo Street (Coordinates: 18.33320424, -65.65772600)

Project Location- Aerial Map
PR-CRP-00890
Centro Multidisciplinario Veve Calzada
Bo.Pueblo Sect.Veve Calzada AveEl Veterano (PR-986)
Fajardo, PR 00738
18.332736,-65.657779



0 25 50m

Legend:

 Project Location



ACE Environmental Inc.

PR-CRP-000890
Centro Multidisciplinario Veve Calzada
Municipality of Fajardo
Photographs

Building A



Building C



Building B



Critical Habitat Map
PR-CRP-00890
Centro Multidisciplinario Veve Calzada
Bo.Pueblo Sect.Veve Calzada Ave El Veterano (PR-986)
Fajardo, PR 00738
18.332736,-65.657779



0 0.25 0.5mi

Legend:

 Project Location  Critical Habitat

Source: U.S.Fish and Wildlife Service- <https://gis-fws.opendata.arcgis.com/maps/f794de45b9d774d21aed3bf9b5313ee24/about>
Image: Google Satellite



ACE Environmental Inc.



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands Map PR-CRP-00890, Centro

Multidisciplinario Veve Calzada Bo.Pueblo Sect.Veve

Calzada Ave El Veterano (PR-986) Fajardo, PR 00738

(18 .332736,-65.657779)



April 19, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (787) 834-1600 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV



In Reply Refer To:
Project code: 2023-0125013
Project Name: Centro Multidisciplinario Veve Calzada

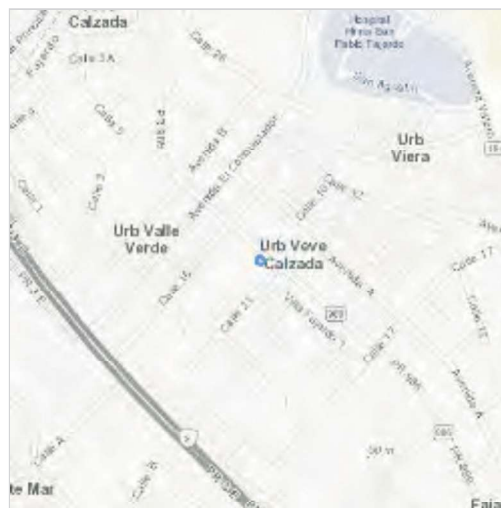
September 01, 2023

Subject: Consistency letter for the project named 'Centro Multidisciplinario Veve Calzada' for specified threatened and endangered species, that may occur in your proposed project location, pursuant to the IPaC determination key titled Caribbean Determination Key (DKey).

Dear Applicant:

Thank you for using the assisted evaluation keys in IPaC. This letter is provided pursuant to the Service's authority under the Endangered Species Act of 1973, as amended (ESA) (87 Stat. 884; 16 U.S.C. 1531et seq.). On September 01, 2023, Keyla Pacheco used the Caribbean DKey; dated February 08, 2023, in the U.S. Fish and Wildlife Service's online [IPaC application](#) to evaluate potential impacts to federally listed species, from a project named 'Centro Multidisciplinario Veve Calzada'. The project is located in Fajardo County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.33274265,-65.6577752986043,14z>



The following description was provided for the project 'Centro Multidisciplinario Veve Calzada':

The project area is located in the Veve Calzada community in the Municipality of Fajardo. It involves the rehabilitation of a one-story structure to serve as a Multidisciplinary Center aimed at providing services to the community, of which 85% of its residents live on low and moderate income. Medical services, an electronic library, a recreational room, and restrooms for visitors and employees will be provided and administered by the Municipality of Fajardo, which has already established a similar program in another community. This Multidisciplinary Center has also served residents of the Veve Calzada community before, providing medical, educational, and recreational services.

Based on your answers and the assistance of the Service's Caribbean DKey, you determined the proposed Action will have "No Effect" on the following species:

Species	Listing Status	Determination
Puerto Rican Boa (<i>Chilabothrus inornatus</i>)	Endangered	No effect

Thank you for informing the Service of your "No Effect" determination(s) for this project. No further consultation/coordination for this project is required for these species. However, be aware that reinitiation of consultation may be necessary if later modifications are made to the project so that it no longer meets the criteria or outcome described above, or if new information reveals effects of the action that could affect listed species or critical habitat in a manner or to an extent not previously considered, or if a new species is listed.

This letter serves as documentation of your consideration of the federally listed species as required under section 7 of the ESA. However, effects to the other federally listed species or critical habitat as listed below from the "IPaC print-out for the project" (see below) should be considered as part of your ESA review for the project.

The Service will notify you within 30 calendar days if we determine that this proposed Action does not meet the criteria for a "No Effect" (NE) determination for Federally listed species in the Caribbean. If we do not notify you within that timeframe, you may proceed with the Action under the terms of the NE concurrence provided here. This verification period allows the Caribbean Ecological Services Field Office to apply local knowledge to evaluate the Action, as we may identify a small subset of actions having unanticipated impacts. In such instances, the Caribbean Ecological Services Field Office may request additional information to verify the effects determination reached through the DKey.

Note: Projects located within the range of the Puerto Rican boa or the Virgin Islands tree boa might encounter these species during project activities. **This letter does not provide take to handle or move these species.** If relocation of the species is needed, please contact either the Puerto Rico Department of Natural Resources (DNER) at 787-724-5700, 787-230-5550, or 787-771-1124 for projects in Puerto Rico, or the Virgin Islands Department of Planning and Natural Resources, Division of Fish and Wildlife (DFW) at 340-775-6762 for projects in the Virgin Islands. Otherwise, contact the Caribbean Ecological Services Field Office (caribbean_es@fws.gov) to determine whether the consultation needs to be reinitiated.

If the proposed project is located within species range where a DKey has not been developed for those species, please follow the established guidance for initiating section 7 consultation Caribbean Ecological Services Field Office.

We appreciate your interest in protecting endangered species and their habitats. It is the Service's mission to work with others to conserve, protect, and enhance fish, wildlife, and plants and their habitats for the continuing benefit of our people. If you have any questions or require additional information, please contact our office at Caribbean_es@fws.gov.

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

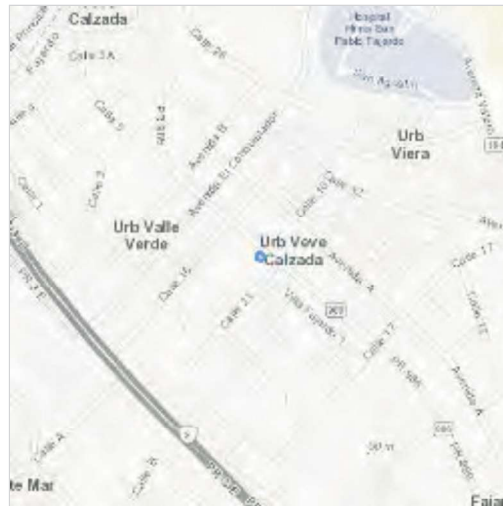
Centro Multidisciplinario Veve Calzada

2. Description

The following description was provided for the project 'Centro Multidisciplinario Veve Calzada':

The project area is located in the Veve Calzada community in the Municipality of Fajardo. It involves the rehabilitation of a one-story structure to serve as a Multidisciplinary Center aimed at providing services to the community, of which 85% of its residents live on low and moderate income. Medical services, an electronic library, a recreational room, and restrooms for visitors and employees will be provided and administered by the Municipality of Fajardo, which has already established a similar program in another community. This Multidisciplinary Center has also served residents of the Veve Calzada community before, providing medical, educational, and recreational services.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@18.33274265,-65.6577752986043,14z>



QUALIFICATION INTERVIEW

1. Is the proposed project an EPA Multi-Sector General Permit (MSGP) renewal for an existing project? ([MSGP Fact Sheet](#))

No

2. Is the proposed project within an urban developed area? (i.e., cities, downtowns, etc.)

Yes

3. [Hidden Semantic] Does the proposed project intersect the Puerto Rican boa area of influence?

Automatically answered

Yes

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Keyla Pacheco
Address: ACEnvironmental Inc. - 58 Calle Salvador Brau
City: Cabo Rojo
State: PR
Zip: 00623
Email: kpacheco.ace@gmail.com
Phone: 7876884945

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development

ABOVE – GROUND STORAGE TANK (AST) LOCATION REPORT

1. Project Information

- **Project Name:** Centro Multidisciplinario Veve Calzada
 - **Project Address:** Bo. Pueblo Veve Calzada
 - **City/County/State/ZIP:** Fajardo PR 00738
 - **HUD Grant Number:** PR-CRP-000890
 - **Prepared By:** Gerardo Flores
 - **Date of Report:** 5/14/2025
-

2. Purpose

This report evaluates the presence of above-ground storage tanks (ASTs) containing hazardous materials within a 1-mile radius of the subject project, as required by HUD's environmental review regulations under 24 CFR Part 51, Subpart C. The purpose is to assess risks associated with explosive or flammable materials that may pose a hazard to proposed housing or facilities.

3. Methodology

- **Search Radius:** 1 mile from project site
 - **Tools & Data Sources Used:**
 - Aerial imagery: Google Earth
 - Site visit
 - **Criteria:** Identification of tanks containing **flammable or explosive materials** with capacity ≥ 100 gallons.
-

4. Findings

4.1 Identified Above-Ground Storage Tanks (ASTs) and Acceptable Separation Distance (ASD)

Facility Name	Distance from Project (ft.)	Contents Capacity	ASD (ft.)
Residence 1	475	200 gal.	141
Residence 2	490	150 gal.	125
AEE Substation	1,150	300 gal.	167

4.2 AST Risk Screening Summary

- **Number of ASTs Identified:** 3
- **Proximity to Site:** Closest is 475 feet
- **Contents:** Diesel fuel
- **Capacity Ranges:** 150 – 300 gallons

5. Conclusion and Recommendations

- **Summary:** Based on the review, 3 ASTs containing flammable or explosive materials were identified within a 1-mile radius.
 - **Risk Assessment:**
 - ☐ No ASTs present or all are under threshold – **No HUD mitigation required**
 - ☒ ASTs present but meet acceptable separation distances – **Compliant**
 - ☐ ASTs present and do **not** meet required ASD – **Mitigation or project adjustment may be required**
 - **Recommendation:**
Proceed with project as planned
-

6. Attachments

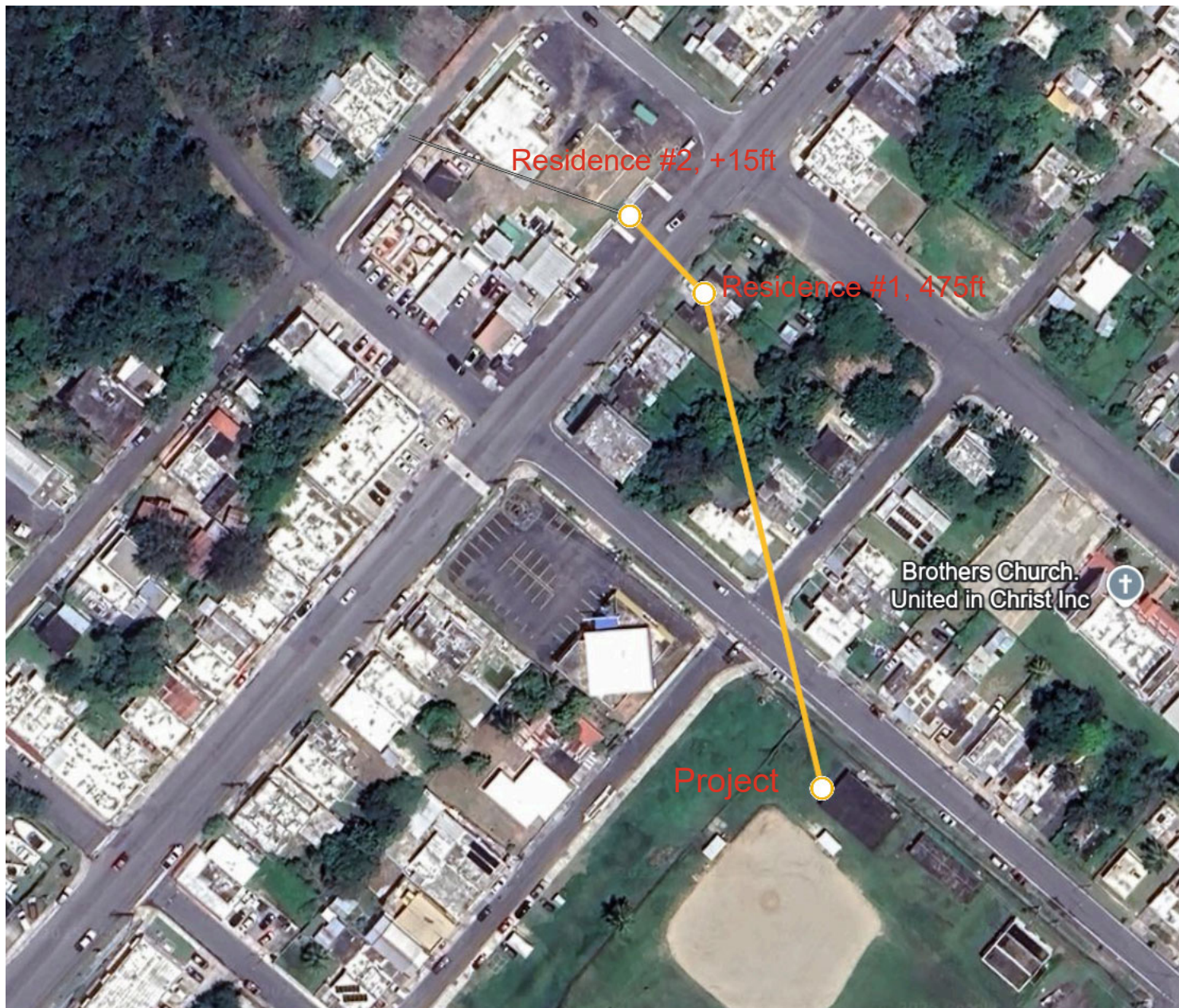
- Aerial map with 1-mile radius marked
 - Photographic documentation
 - ASD calculations
-



Residence 1, Distance 475 ft approx., 200 gal diesel fuel.



Residence 2, Distance 490 ft approx., 150 gal diesel fuel.





May 15, 2025 at 11:05:06 AM
40-84 Avenida el Conquistador
Fajardo PR 00738
United States

AEE Substation, Distance 1,150 ft approx., 300 gal oil approx.



Home (/) > Programs (/programs/) > Environmental Review (/programs/environmental-review/) > ASD Calculator

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft² - hr - people and 10,000 BTU/ft² - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Is the container under pressure?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
Does the container hold a cryogenic liquified gas?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Is the container diked?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
What is the volume (gal) of the container?	<input type="text" value="150"/>
What is the Diked Area Length (ft)?	<input type="text"/>
What is the Diked Area Width (ft)?	<input type="text"/>
<div>Calculate Acceptable Separation Distance</div>	
Diked Area (sqft)	<input type="text"/>
ASD for Blast Over Pressure (ASDBOP)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPPU)	<input type="text" value="125.48"/>
ASD for Thermal Radiation for Buildings (ASDBPU)	<input type="text" value="20.92"/>
ASD for Thermal Radiation for People (ASDPNPD)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBNPD)	<input type="text"/>

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us** (<https://www.hudexchange.info/contact-us/>) form.

Related Information

- ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)
- ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)

Home (/) > Programs (/programs/) > Environmental Review (/programs/environmental-review/) > ASD Calculator

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Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Is the container under pressure?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
Does the container hold a cryogenic liquified gas?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Is the container diked?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
What is the volume (gal) of the container?	<input type="text" value="200"/>
What is the Diked Area Length (ft)?	<input type="text"/>
What is the Diked Area Width (ft)?	<input type="text"/>
<div>Calculate Acceptable Separation Distance</div>	
Diked Area (sqft)	<input type="text"/>
ASD for Blast Over Pressure (ASDBOP)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPPU)	<input type="text" value="141.45"/>
ASD for Thermal Radiation for Buildings (ASDBPU)	<input type="text" value="23.89"/>
ASD for Thermal Radiation for People (ASDPNPD)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBNPD)	<input type="text"/>

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

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Home (/) > Programs (/programs/) > Environmental Review (/programs/environmental-review/) > ASD Calculator

Acceptable Separation Distance (ASD) Electronic Assessment Tool

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Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

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Is the container under pressure?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
Does the container hold a cryogenic liquified gas?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Is the container diked?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
What is the volume (gal) of the container?	<input type="text" value="300"/>
What is the Diked Area Length (ft)?	<input type="text"/>
What is the Diked Area Width (ft)?	<input type="text"/>
<div>Calculate Acceptable Separation Distance</div>	
Diked Area (sqft)	<input type="text"/>
ASD for Blast Over Pressure (ASDBOP)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPPU)	<input type="text" value="167.48"/>
ASD for Thermal Radiation for Buildings (ASDBPU)	<input type="text" value="28.82"/>
ASD for Thermal Radiation for People (ASDPNPD)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBNPD)	<input type="text"/>

For mitigation options, please click on the following link: Mitigation Options (/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

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Exhibit 8 - Farmland Map

Centro Multidisciplinario Veve Calzada (PR-CRP-000890)

Lat/Long: 18.33258253,-65.65851514

Farmland Classification—Humacao Area, Puerto Rico Eastern Part



Map Scale: 1:887 if printed on A landscape (11" x 8.5") sheet.

0 10 20 40 60 Meters

0 40 80 160 240 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 20N WGS84




**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey









MAP LEGEND








Area of Interest (AOI)






-  Area of Interest (AOI)








Soils



Soil Rating Polygons

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season









-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of statewide importance, if drained
-  Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated

-  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated and drained
-  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
-  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

-  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough
-  Farmland of statewide importance, if thawed
-  Farmland of local importance
-  Farmland of local importance, if irrigated

-  Farmland of unique importance
-  Not rated or not available

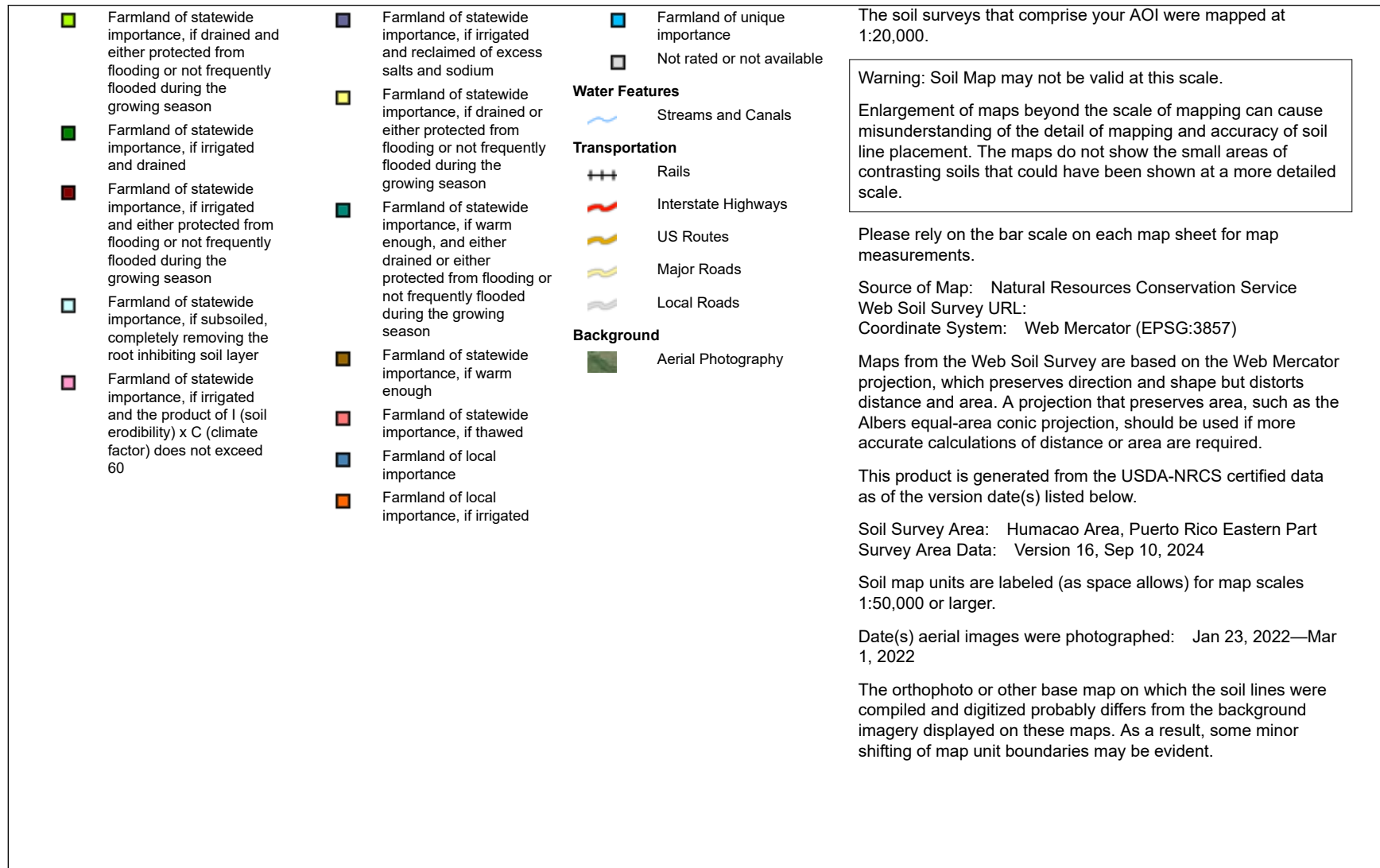
Soil Rating Lines

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Farmland Classification—Humacao Area, Puerto Rico Eastern Part

	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	Soil Rating Points			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		Not prime farmland		Prime farmland if irrigated and reclaimed of excess salts and sodium
	Farmland of statewide importance		Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if thawed		Prime farmland if protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance
	Farmland of statewide importance, if drained		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		Prime farmland if irrigated		Farmland of statewide importance, if drained
	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season				Farmland of local importance, if irrigated		Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
	Farmland of statewide importance, if irrigated						Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated

Farmland Classification—Humacao Area, Puerto Rico Eastern Part



Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
UI	Urban land	Not prime farmland	1.0	100.0%
Totals for Area of Interest			1.0	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

ADVISORY BASE FLOOD ELEVATION (ABFE) MAP

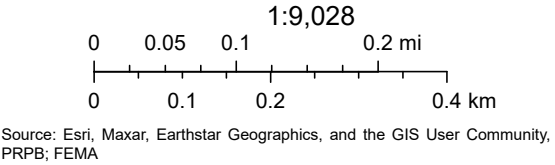
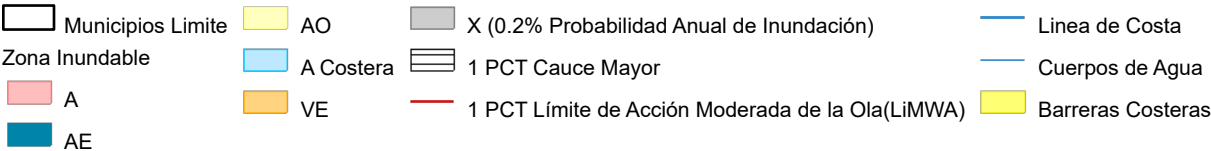
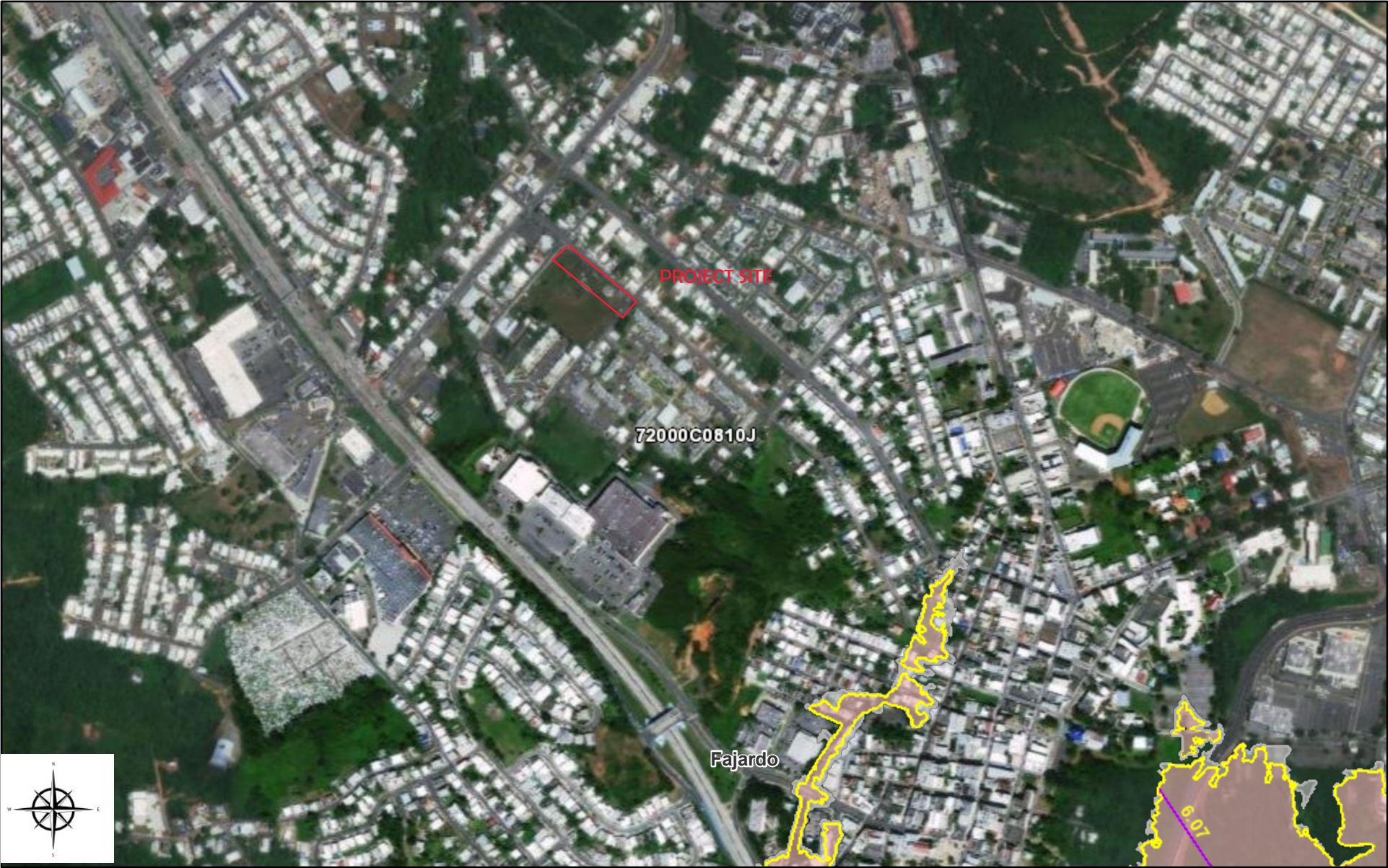


Exhibit 10. Historic Preservation-National Historic Preservation Act of
1966 Centro Multidisciplinario Veve Calzada, (PR-CRP-000890) Fajardo
Lat/Long): 18.33258253°, -65.65821514°



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-04-11-24-04 PR-CRP-000890 (Fajardo), Centro Multidisciplinario Veve
Calzada Project

Dear Ms. Poche,

Our Office has received and reviewed the above referenced project in accordance with 54 U.S.C. 306108 (commonly known as Section 106 of the National Historic Preservation Act) and 36 CFR Part 800: Protection of Historic Properties.

Our records support your finding of no historic properties affected for this undertaking. Please note that should you discover other historic properties at any point during project implementation, you should notify the SHPO immediately. If you have any questions regarding our comments, please do not hesitate to contact our Office.

Sincerely,

Carlos A. Rubio Cancela

State Historic Preservation Officer
CARC/GMO/MB



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 11, 2024

Carlos A. Rubio Cancela
State Historic Preservation Officer
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá (Tercer Piso)
San Juan, PR 00902-3935

Puerto Rico Disaster Recovery, CDBG-DR City Revitalization (City-Rev) Program

Section 106 NHPA Effect Determination Submittal for PR-CRP-000890, Centro Multidisciplinario Veve Calzada Project, Fajardo, Puerto Rico – *No Historic Properties Affected*

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 Fajardo, we are submitting documentation for the proposed Centro Multidisciplinario Veve Calzada Project. The proposed undertaking involves rehabilitating a one-story structure to serve as a multidisciplinary center to provide services to the community, 85% of whose residents live on a low and moderate-income. Three buildings are within the project area. Building A (constructed 2004) will be rehabilitated and expanded, increasing more than twice in square footage; this will serve and the main building for the multidisciplinary center. Building B (circa 1970) will be demolished, while Building C (circa 1970) will be rehabilitated and used as a boxing gym. None of these buildings that are over 45 years in age have been determined to be eligible for listing in the National Register of Historic Places. 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 historic properties affected** is appropriate for this undertaking.

If you have any questions or concerns, please contact me by email at lauren.poche@horne.com or phone at 225-405-7676, or Ms. Sharon Meléndez Ortiz at sharon.melendez@horne.com.


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		
Subrecipient: Municipality of Fajardo		
Project Name: Centro Multidisciplinario Veve Calzada		Project ID: PR-CRP-000890
Project Location: Bo. Pueblo Sect. Veve Calzada Ave. El Veterano (PR-986) Fajardo PR 00738		
Project Coordinates: 18.332736, -65.657779		
TPID (Número de Catastro): 150-025-581-02		
Type of Undertaking: <input checked="" type="checkbox"/> Substantial Repair <input type="checkbox"/> New Construction		
Construction Date (AH est.): Building A: 2004; Building B: ca. 1970; Building C: ca. 1970		Property Size (acres): 0.89
SOI-Qualified Architect/Architectural Historian: Imandra Martínez Ph.D. (c)		
Date Reviewed: March 28, 2024		
SOI-Qualified Archaeologist: Jesus E. Vega, Ph.D.		
Date Reviewed: March 28, 2024		

In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program is responsible for identifying historic properties listed in the NRHP and any properties not listed that would be considered eligible for listing that are located within the geographic area of potential effects (APE) of the proposed project and assessing the potential effects of its undertakings on these historic properties.

Project Description (Undertaking)

The project area is located at the Veve Calzada community in the Municipality of Fajardo. It involves rehabilitating a one-story structure to serve as a multidisciplinary center to provide services to the community, 85% of whose residents live on a low and moderate-income. Medical services, an electronic library, a recreational room, and restrooms for visitors and employees will be provided and administered by the Municipality of Fajardo, which has already established a similar program in another community. This Multidisciplinary Center has also served residents of the Veve Calzada community before, providing medical, educational, and recreational services. In addition to revitalizing the storm-affected community by providing essential services, the proposed Multidisciplinary Center will also turn into a resilient community center equipped with educational, health, and economic development programs that prepare and support residents before, during, and after the storm. An emergency provides a safe space that can support critical emergency infrastructure, such as communication systems, solar panels and batteries, a power plant, a portable water tank, emergency preparedness plans, and basic medical supplies, among other resources. As part of the Building A facilities for the project, it is proposed: Virtual library, public bathrooms with showers, medical service, canteen, activity room, administrative office, medical clinic, doctor's office, nursing.

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 Fajardo		
Project Name: Centro Multidisciplinario Veve Calzada	Project ID: PR-CRP-000890	

Three buildings are within Parcel Project #150-025-581-02 at the Avenida Veterano (PR-986 and Calle 21). **Building A** is a one-story structure measuring approximately 1,720 square feet to be rehabilitated and expanded to the northwest and southwest. The new footprint will be 3,742 square feet. Built-in the northeast corner of the parcel, this structure was damaged by hurricanes Irma and María and fell into disrepair and total abandonment. The structure of **Building B** (Measuring approximately 1,289 Square feet) will be demolished. The preceding considers its poor condition and the structural failure it presents. **Building C** (Measuring approximately 2,286 square feet) will be used for the boxing gym and will be rehabilitated.


Excavations, and ground disturbances¹

- Perimeter fence posts: 3' 6" (See drawing A700)
- Building foundations: 4' 6" (See drawing S101)
- Tree planting: 2' (See drawing LA100)
- Slabs 6" (See drawing S201)
- Demolitions: Building B (1,289 Square feet) and existing perimeter fence (265 LF)
- Vehicle Tire Washing Pad: anchored with stakes 2" (See drawing C102)
- Silt Fencing for erosion control: 6" anchoring trench (See drawing C102)
- Generator pad: 1' (See drawing C105)
- Rubber wheel stop anchored with bolt: 10" (See drawing C105)
- Water Tank Pad: 6" (See drawing C106)
- Garbage station: 4" (See drawing C106)
- Planters' rebar: 8" (See drawing C106)

Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is an area of 0.89 acres (355' x 107') defined by the three structures on the northeast side of parcel #150-025-581-02, and is limited by *El Veterano* Avenue (State Road PR-986) to the north, a baseball park within the same parcel to the south, parcel #150-025-581-01 to the west, and 21st Street to the east. The visual APE is the viewshed of the proposed project. The Visual APE for this Undertaking is 4.03 Acres (691' x 362') defined by:

¹ Based on the Design Phase, 90%

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: Municipality of Fajardo		
Project Name: Centro Multidisciplinario Veve Calzada		Project ID: PR-CRP-000890

Southeast, Paseo Esmeralda Condominiums and 21 Street; Northeast, *El Veterano* Avenue; Northwest, parcel #150-025-581-01; Southwest, 19 Street. The visuals from the historic property identified as part of this investigation comprise contemporary residential (the majority), commercial and institutional buildings, primarily from the late 20th century. In addition, there are sports facilities, in this case, a baseball park, bleachers, and social structures. The architectural styles range from Modern to local contemporary expressions.

Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area is within a quarter-mile radius of one recorded archaeological site and/or NRHP listed/eligible historic property, described below, and highlighted in the aerial and topographic maps included. "No data" denotes no corresponding Institute of Puerto Rican Culture (IPRC), State Historic Preservation Office (SHPO), or National Register of Historic Places (NRHP) identification was found.

Table 1. Archaeological Sites and/or NRHP Listed/Eligible Historic Properties Within Quarter-Mile Radius of Project Area

#	Name	SHPO ID	IPRC ID	Location	Description	NRHP
1	Puente Peatonal del Tren	No data	No data	0.18 mi N	Historic, mid-20 th century, concrete pedestrian bridge built by the Fajardo Development Company for the Luquillo to Fajardo Railroad Line; seemingly unique railroad infrastructure not reported elsewhere on the island; located on B Avenue.	No data


PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: Municipality of Fajardo		
Project Name: Centro Multidisciplinario Veve Calzada		Project ID: PR-CRP-000890

Table 2. Cultural Resource Studies Conducted Within Quarter-Mile Radius of Project Area


Author	Title	Year	SHPO/IPRC ID	Results	Location
Antonio Daubón Vidal	Phase 1A, Costa Esmeralda Lote T-8 Calle #21	2003	CAT-FJ-03-11-07	Negative	0.05 mi SW
Juan J. Ortiz Aguilú	Phase 1A-1B, Expansión Plaza del Este Shopping Center	1998	CAT-FJ-98-07-03	Negative	0.17 mi S
María A. Cashion Lugo	Phase 1A-1B, Ralph Food Warehouse PR #3 y Calle A	2005	CAT-FJ-05-13-02	Negative	0.25 mi SW

Potential for Intact Cultural Deposits

The archaeological site files at the State Historic Preservation Office (SHPO) and at the Consejo Arqueológico Terrestre (CAT), affiliated with the Instituto de Cultura Puertorriqueña (ICP) do not report any prehistoric archaeological sites within the project area. The closest reported archaeological site is the Residuario Quebrada Vueltas III (FO0100020), a prehistoric shell midden with Chicoid or Taíno ceramics, approximately 1.13 miles southeast. Most prehistoric sites in Fajardo are located along the shore, including a shell midden at Laguna Aguas Prietas, four shell middens, including burials, at Cabezas de San Juan, also at Cabo San Juan, Las Croabas, El Conquistador, Punta Barrancas, and two offshore prehistoric sites at Isla Palominos. Additionally, the project area and its surroundings have been impacted by sustained urban development since the latter half of the 20th century and were previously devoted to agricultural practices. The Luquillo-Fajardo Railroad Line, operated by the Fajardo Development Co., ran approximately 0.15 miles northeast of the direct APE on a northwest-southeast axis. Central Fajardo (FO0200012), the largest sugar-processing plant in Fajardo, was established in 1905 on the opposite side of the Traditional Urban Center, 0.80 miles southeast. Therefore, the potential for intact deposits of prehistoric or historic materials within the proposed project location is considered negligible.

Cultural Setting

The Municipality of Fajardo is located on the northeast coast of Puerto Rico, facing Vieques Sound to the east and the Atlantic Ocean to the north. In the early 16th century, a Spanish hidalgo called Fajardo settled on what was then known as the east end of Loíza. The Río Fajardo meanders east of the Fajardo Traditional Urban Center into Vieques Sound. Most historians agree that the town of Santiago de Fajardo was founded in 1774. Íñigo


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 Fajardo	
Project Name: Centro Multidisciplinario Veve Calzada	Project ID: PR-CRP-000890

Abad y Lasierra reports a small town with a church and four houses by 1760. Fajardo's history in the early 19th century is strongly oriented towards the sea, particularly after the port was open to trade with other Spanish ports in 1811, due to the lobbying efforts of Ramón Power y Giralt, Puerto Rican delegate at the Cortes de Cádiz. The trade reform included construction of a customs house to curtail contraband with the Virgin Islands and the Lesser Antilles.

In addition to legal imports and exports, the Fajardo waterfront was involved in contraband, piracy, and two notorious incidents, first in 1817, against Venezuelan corsairs supporting the revolutionary Simón Bolívar. The second incident involved the U.S. Navy in 1824, after a pirate raid off the Danish, now U.S. Virgin Islands. The mayor of Fajardo, Carlos Benítez, refused to assist the U.S. Navy in capturing a group of pirates associated with a local merchant, and presumably hiding in Fajardo. The U.S. officer paying a visit to the mayor was sent to San Juan to validate his papers. Nobody was arrested, and Commodore David Porter threatened to destroy Fajardo for allegedly supporting piracy. This incident is known as the "Foxardo Affair." Porter's threats and eventual court martial served as a prelude to the Spanish-American War of 1898, as the U.S. Navy's genuine pirate hunt also provided an invaluable survey of Spanish defenses. In 1898, the town of Fajardo was invaded twice, beginning with a peaceful occupation coordinated by Dr. Santiago Veve Calzada to avoid bloodshed. When the Spanish authorities heard the news, troops were sent to Fajardo, finding a deserted town. The locals had fled with the U.S. troops. A month later, a second occupation was conducted.

Significant historic properties in Fajardo include the 1882 Spanish Cape San Juan lighthouse at Cabezas de Juan at the northeast tip of the island, and the 1930 U.S. Customs House on the Fajardo waterfront, both listed in the National Register of Historic Places (#81000692 and #88000077, respectively). Sugar cultivation was the primary economic activity in Fajardo during the 19th and 20th centuries, culminating with the construction of Central Fajardo in 1905, founded by Jorge Bird Arias, associated with the Fajardo Sugar Co., the Fajardo Sugar Growers Association, the Fajardo Fruits Co. and the Fajardo Development Co.

Significant historic properties at the center of the Fajardo Traditional Urban Center include the Plaza Pública Antonio R. Barceló, built in 1774 and named after Antonio R. Barceló Martínez (1868-1938), a prominent Fajardo lawyer and first elected president of the Puerto Rico Senate from 1917 to 1930. The Catholic Parrish Santiago Apóstol de Fajardo, on the north side of the public plaza, was originally built in 1827 and destroyed by an earthquake in 1867. The existing church, built in 1875, was listed in the National Register of Historic Places in 1984 (#84003144). The church officially became a cathedral in 2008 when

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 Fajardo	
Project Name: Centro Multidisciplinario Veve Calzada	Project ID: PR-CRP-000890

Pope Benedict XVI established the Diocese of Fajardo-Humacao. The Fajardo Public School No. 2, established in 1910 to the rear of the Catholic Parrish Santiago Apóstol de Fajardo, was recently inaugurated as the Ricardo S. Belaval Public Library. Another nearby historic school, Eugenio Brac Graduate School, was also established in the early 20th century, west of the public plaza. Casa Alcaldía, a mid-20th century Neoclassical townhall building, the Respectable Logia Masónica Obreros del Progreso Núm. 63, a masonic lodge from 1916, and Teatro Paraíso, a Neoclassical style, two-story theater inaugurated in 1930, are other notable historic properties within the Fajardo Traditional Urban Center.


History of Use

The Veve Calzada Multidisciplinary Center will be housed in a one-story, concrete structure on the northeast corner of the #150-025-581-02 parcel, on the junction of El Veterano Avenue (State Road PR-986) and 21st Street. It is the most recent of three modern concrete structures lined side-by-side next to a communal baseball park, all within the same parcel. Throughout the latter half of the 20th century, urban development began to fill out the agricultural land northwest of the Fajardo Traditional Urban Center, where the Veve Calzada Sector eventually sprung up, as evidenced on a series of USGS topographic maps ranging from 1946 to 1989. The two older concrete structures within the parcel, northwest of the proposed multidisciplinary center (**Building B and C**), appear to have been preceded by adjacent houses originally built circa 1950, as they are absent on the 1946 USGS topographic map (Figure 9) but marked on the 1952 version (Figure 10). These residential structures are also seen in the 1962 aerial photos². However, in 1977 aerial photos³, they appear to have been replaced by the present buildings (Building B and Building C). Therefore, buildings B and C may have been built circa 1970. By 1958, the PR-3 Highway was built southwest of the project area (Figure 11), and by 1962, the main road connecting the project area with the Fajardo Traditional Urban Center was converted into a state road (Figure 12), followed by substantial urban development around the highway and toward Quebrada Fajardo Ward, northwest of Pueblo Ward, in the subsequent decades (Figure 13).

During the first half of the 20th century, the project area and its surroundings consisted of agricultural land plots, as seen on a 1930 aerial photograph of the town of Fajardo (Figure 14). A northwest-bound dirt road originating a few blocks north of the Fajardo Traditional Urban Center appears in a 1936 aerial photograph (Figure 15), which eventually became El Veterano Avenue or State Road PR-986. By 1950, clusters of houses divided in parcels are

² USGS, EarthExplorer, AR1VAJH00080035, 1962/03/11. [EarthExplorer \(usgs.gov\)](https://earthexplorer.usgs.gov/).

³ USGS, EarthExplorer, ARH770100090546, 1977/03/26. [EarthExplorer \(usgs.gov\)](https://earthexplorer.usgs.gov/).

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 Fajardo	
Project Name: Centro Multidisciplinario Veve Calzada	Project ID: PR-CRP-000890


scattered along the road, including the project area, where two houses cropped up on the north side of the parcel (Figure 10). Central Fajardo had been established by the Fajardo Sugar Company in 1905 to the east of the Fajardo Traditional Urban Center, and the Luquillo-Fajardo Railroad Line operated by the Fajardo Development Company ran north of the dirt road, as seen on circa 1945 to 1950 aerial photographs (Figures 16 to 18).

Satellite images from 1994 provided by Google Earth Pro (Figure 19) reveal two structures on the project area, likely the two concrete structures built before the proposed multidisciplinary center, which was built between March and October in 2004 (Figures 20 and 21). A decade forward, and the project area has not changed its overall composition (Figure 22). Moreover, 2017 satellite imagery taken before and after the dual passing of hurricanes Irma and María in September reveal that the project area, although damaged, was not altered in any significant way (Figures 23 and 24).

Identification of Historic Properties – Architecture

Existing information on previously identified historic properties has been reviewed to determine if any are in the APE for this project. Review of the existing information, conducted by a historic preservation specialist hired by the Program who meets the professional qualifications of the Secretary of the Interior (36 CFR Part 61), shows that the project area is not within the boundaries of a National Register of Historic Places (NRHP) listed or eligible District. Although no previously registered historic properties have been reported within ¼ mile of the APE, with exception of *Puente Peatonal del Tren* which was presented in the Identification of Historic Properties - Archaeology section of this document. However, it is our understanding that the former **Dr. Santiago Veve Calzada Elementary School** (0.09 miles southwest from the APE, Photo 22) is eligible for the NRHP.

The project will impact three structures in an urban area in the municipality of Fajardo. As mentioned above, that sector began to be developed after the second half of the 20th century. The area surrounding the project is residential. Housing is the predominant typology, and building heights vary from one story to three stories. Architectural styles range from Modern to Contemporary expression. The predominant construction material is concrete, although there are some houses with wood and zinc roofs. According to historical topographic maps, most of the surrounding buildings were not built until the end of the 20th century (Figures 9 to 13). However, it is especially noteworthy that the building of the former Dr. Santiago Veve Calzada Elementary School appears on these same maps between 1946 to 1952 (Figures 9 and 10). If we look at Figure 18, an aerial


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 Fajardo	
Project Name: Centro Multidisciplinario Veve Calzada	Project ID: PR-CRP-000890

photograph capturing a different angle of the town of Fajardo between 1945 and 1950, in which the school is not observed, we can estimate the school's construction date between 1950 and 1952.

The old school has a typical typology of a period in the development of Puerto Rican education. This type of educational building (Figure 22) is found in most island municipalities and was the product of a historical conjuncture related to the modernization and industrialization of Puerto Rico after 1947 and the founding of the Commonwealth of Puerto Rico in 1952. Its construction date coincides with the facility expansion plan from 1950s⁴. This building has a Modern style, built in reinforced concrete with parts of its structure in sight and large windows on its facades, among other details typical of modern tropical educational architecture⁵. It is a property associated with events that have contributed to the broad patterns of our history and preserve the distinctive characteristics of a type, period, and construction method. This building is considered eligible for the National Register of Historic Places. For this reason, we have considered analyzing the visual impact that the project will have on this property. The school is currently being reused as an International Baseball Academy. Visibility to the school is interrupted by contemporary construction. For example, the Head Start building is built on the main façade (Photo 21).

Together with the school, two of the structures included in the project limits (**Building B and C**) appeared on the maps during the same period. The volume of these is much smaller than that of the school. They retain some architectural features like those of the school. In the modern style, they are built in reinforced concrete with exposed structural elements (See pictures 7 to 14). However, their poor structural condition and the alterations they have suffered have affected their material integrity. The history of the use of these buildings was discussed above; we can add that, according to information provided by the municipality staff, they have been used as social buildings for several decades without being part of the school as ancillary buildings. After evaluating the Criteria for inclusion on the NRHP and aspects of location, design, setting, workmanship, materials, feeling, and association, we conclude that, although they may be over 45 years old, they do not possess

⁴ According to Christian Martínez-Rivera & Samuel R. Hodge (2022): With the election of Luis Muñoz Marín the first elected governor in 1948, Puerto Rico obtained more control over the development of the public system of Puerto Rico's Department of Education (or Departamento de Educación) and the University of Puerto Rico system. In the 1950s, under the Secretary of Public Instruction, Mariano Villaronga, the Department of Public Instruction sought to guarantee that every child of elementary school age was enrolled in school. In ten years, they implemented a facility expansion plan, and they successfully enrolled 54% of the school aged population (between the ages of 16 to 18, 85% between the ages of 13 to 15 years, and 93% between the ages of 6 to 12 years). Through 1954, every six-year-old child was registered in first grade. This accelerated increase in student influx focused on education quality. The 1960s was then proclaimed as the Decade of Education (Ahearn, 1979).

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination		 <small>GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING</small>
Subrecipient: Municipality of Fajardo		
Project Name: Centro Multidisciplinario Veve Calzada		Project ID: PR-CRP-000890

the historical significance to be eligible for the NRHP. In addition, **Building A** was built in 2004 (as mentioned in *History of Use* part of this form) also does not meet the eligibility criteria for inclusion in the NRHP. Therefore, we consider that there are **no historic properties affected** within the project area of potential effect in accordance with the 36 CFR Part 800. 16 (I) *Protection of Historic Properties from the Advisory Council on Historic Preservation.*

References

Ingenium Profesional Group, Improvements to Centro Multidisciplinario Veve Calzada, Fajardo, Phase 90 %. 2024.

Martínez Christian & Hodge Samuel R. The History and Culture of the United States Commonwealth of Puerto Rico: A Historical Brief. *International Education and Culture Studies*, Vol. 2, No. 1, 2022.


Pabón, Arleen, La arquitectura patrimonial puertorriqueña y sus estilos. San Juan: Oficina Estatal de Conservacion Histórica. 2010.

Lizardi Pollock, Jorge L and Schwegmann, Martin, editors. Espacios ambivalentes: historias y olvidos en la arquitectura social moderna. Puerto Rico: Ediciones Callejón, 2012.

Vivoni, Enrique and Mary, Frances, editors. Tropical Modernity: Architecture and the Creative Force of the 1950s. Puerto Rico: Oficina Estatal de Conservación Histórica, 2002.

Jorge Rigau, Architects, FAIA. Early 20th Century Schools in Puerto Rico. National Register Multiple Documentation Property Form. Unite State Department of The Interior. National Park Services, 2019, 100003221.

Jorge Rigau, Architects, FAIA. Architecture of the 1960's in Puerto Rico. National Register Multiple Documentation Property Form. Unite State Department of The Interior. National Park Services, 2012, 64501149.

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 Fajardo	
Project Name: Centro Multidisciplinario Veve Calzada	Project ID: PR-CRP-000890


Determination

The following historic properties have been identified within the APE:


- Direct Effect: No Traditional Urban Centers, Historic Zones, archaeological sites, or NHRP-listed or -eligible historic properties are reported within the direct Area of Potential Effects (APE).
- Indirect Effect: Dr. Santiago Veve Calzada Elementary School (0.09 miles southwest from the APE), eligible for the National Register of Historic Places.

Based on the results of our historic property identification efforts, the Program has determined that project actions will not affect any historic properties within the Area of Potential Effect (APE). The proposed Veve Calzada Multidisciplinary Center is located in Pueblo Ward, approximately 0.30 miles northwest of the Fajardo Traditional Urban Center. The only historic property reported within a quarter-mile radius of the direct APE is a mid-20th century concrete pedestrian bridge built by the Fajardo Development Company for the Luquillo to Fajardo Railroad Line, located 0.18 miles north. The closest fresh-water body, the Quebrada Fajardo Creek, flows 0.75 miles northwest of the project area. The nearest reported archaeological site, on the opposite side of the Fajardo Traditional Urban Center, is a prehistoric shell midden with Chicoid or Taíno ceramics identified as Residuario Quebrada Vueltas III (FO0100020), located approximately 1.13 miles southeast. The potential for intact cultural deposits within the direct APE is considered negligible due to the impact of sustained urban development since the latter half of the 20th century, intensifying in the last two decades, and including major projects such as PR-3 Highway, Villa Fajardo 1 Multifamily Residential Project, Costa Esmeralda Apartments, Del Este Shopping Center, Santiago Veve Calzada Public Housing, among others.

Moreover, examination of historic, mid to late 20th century topographic maps and aerial photographs indicate that the direct APE and its surroundings were sparsely populated in the 1950s and exclusively devoted to agriculture in the 1930s and earlier. Two houses were built on the northwest side of the parcel in the 1950s but appear to have been replaced by the two circa 1970 concrete structures still present (Buildings B and C), of which one will be demolished (**Building B**). The concrete structure to be renovated into the Veve Calzada Multidisciplinary Center (Building A) is also a modern construction, built in 2004. Therefore, no impact to cultural properties is anticipated for this revitalization project. **No additional studies are recommended.** The project **will have no indirect or visual effect** on the identified historic property. The photographs show that the constructed architectural elements, such as the perimeter fence, block views into the project area. In addition, the new project

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 Fajardo	
Project Name: Centro Multidisciplinario Veve Calzada	Project ID: PR-CRP-000890

maintains an architectonic scale that is in keeping with the school's built urban environment.

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 Fajardo		
Project Name: Centro Multidisciplinario Veve Calzada		Project ID: PR-CRP-000890

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):

☐ Adverse Effect

Proposed Resolution (if applicable):

This Section is to be Completed by SHPO Staff Only

The Puerto Rico State Historic Preservation Office has reviewed the above information and:	
<input type="checkbox"/> Concurs with the information provided.	
<input type="checkbox"/> Does not concur with the information provided.	
Comments:	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 1. Project (Parcel) Location – Area of Potential Effect Map (Aerial). Source: Google Earth Pro, 2021.



 Project Parcel Location/
Direct APE

 Indirect/Visual APE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 2. Project (Parcel) Location - Aerial Map. Source: Interactive Map of United States Environmental Protection Agency, NEPAassist.
(<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>)



Project Parcel Location/
Direct APE



Indirect/Visual APE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 3. Project (Parcel) Location - USGS Topographic Map. Source: Interactive Map of United States Environmental Protection Agency, NEPAassist. (<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>)



Project Parcel Location/
Direct APE



Indirect/Visual APE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 4. Project (Parcel) Location - Soils Map. Project Direct APE is highlighted in yellow.
Source: Interactive Map of Planning Board, MIPR (<http://gis.jp.pr.gov/mipr/>)

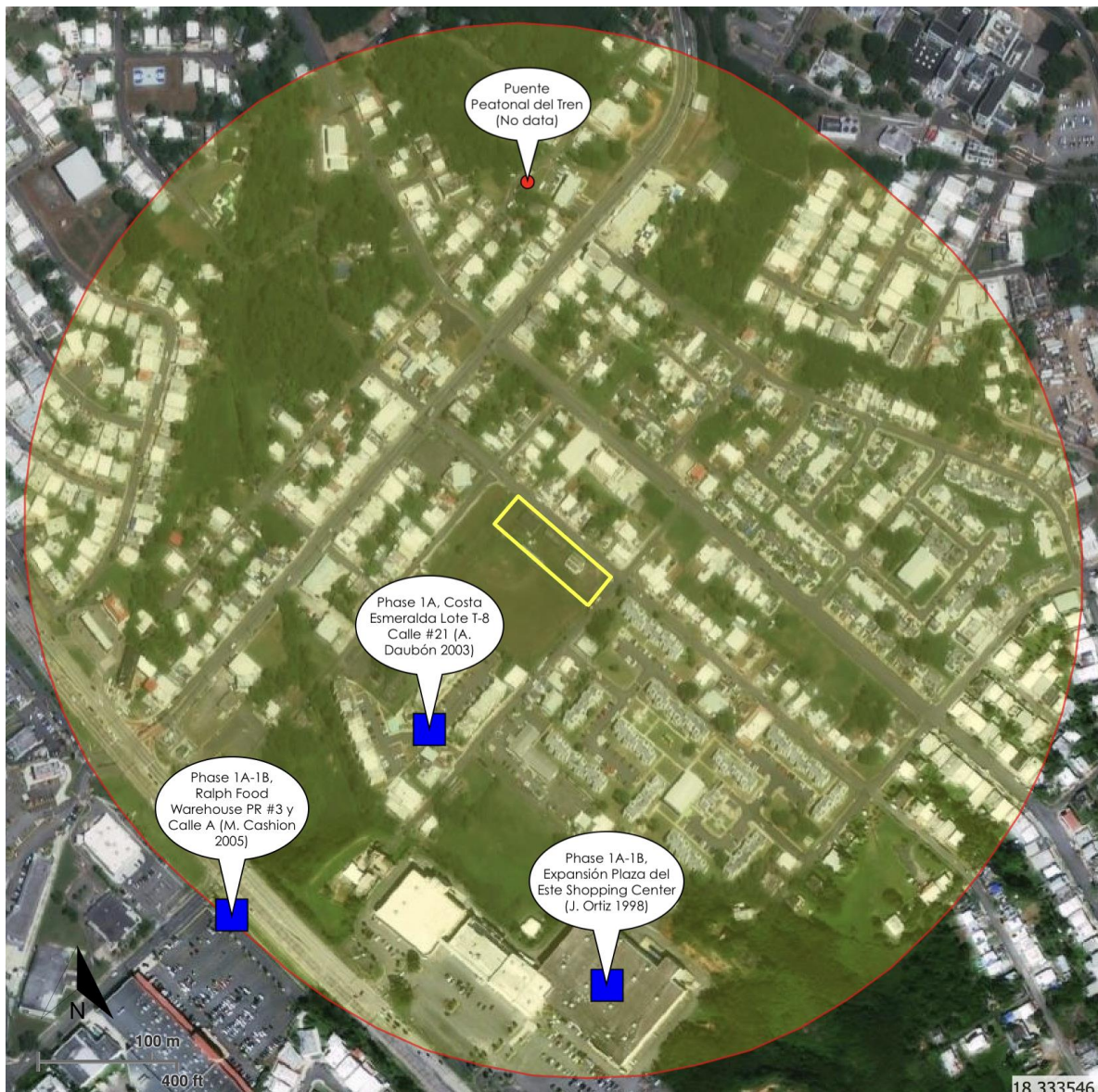


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 5. Project (Parcel) Location with Previous Investigations and Recorded Historic Properties Within a Quarter-Mile Radius - Aerial Map. Project Direct APE is highlighted in yellow. Source: Interactive Map of United States Environmental Protection Agency, NEPAassist (<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>)



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 6. Project (Parcel) Location with Previous Investigations and Recorded Historic Properties Within a Quarter-Mile Radius - USGS Topographic Map. Project Direct APE is highlighted in yellow. Source: Interactive Map of United States Environmental Protection Agency, NEPAassist (<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>).

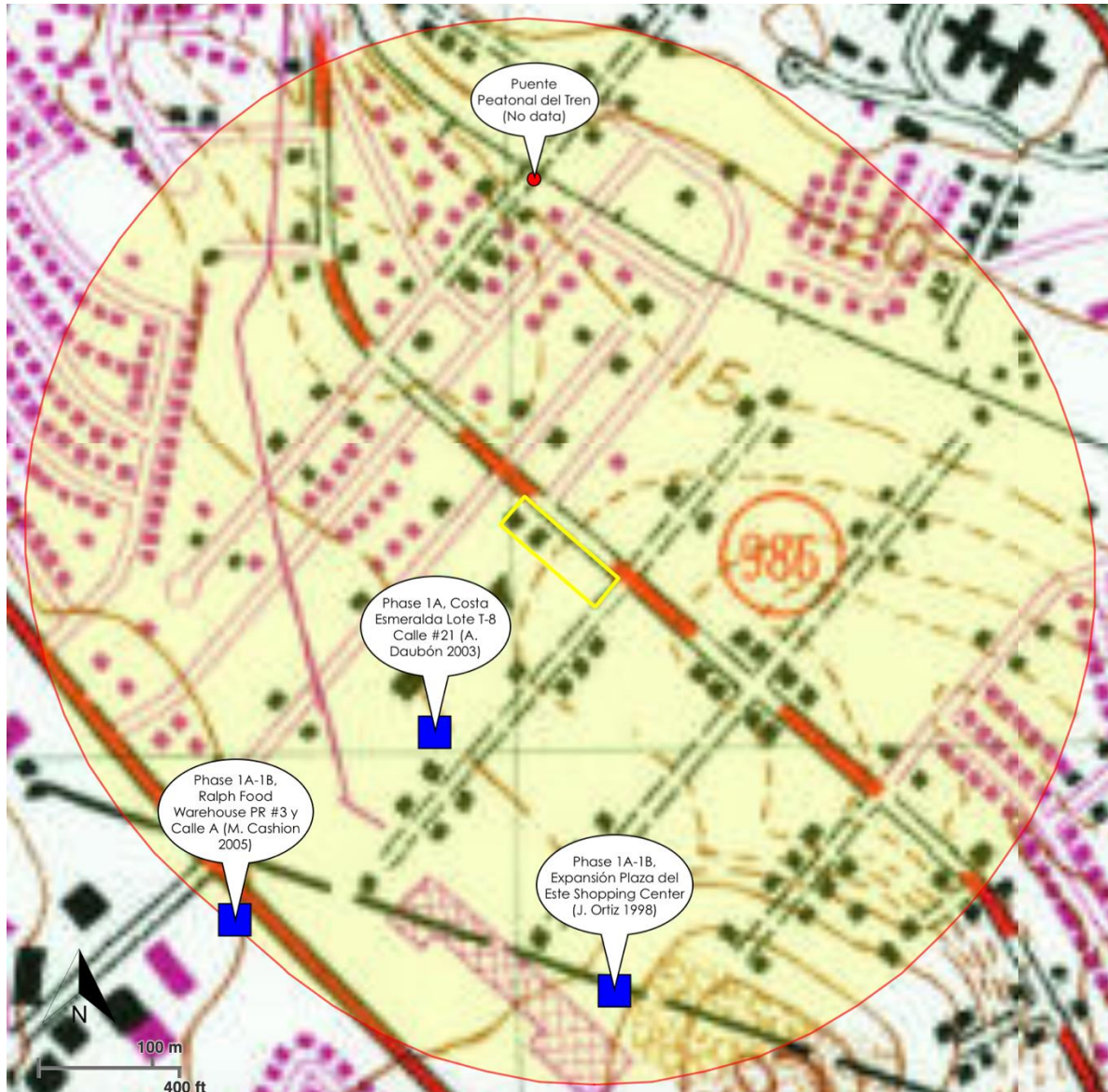


Figure 7. Project (Parcel) Location with Identified Historic Resources (Architecture). Aerial Map. Source: Interactive Map of United States Environmental Protection Agency, NEPassist (<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>).



NRHP-eligible property: Dr. Santiago Veve Calzada Elementary School

☐ Direct APE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 8. Project (Parcel) Location with Identified Historic Resources (Architecture). USGS Topographic Map. Source: Interactive Map of United States Environmental Protection Agency, NEPAassist
(<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>).



● NRHP-eligible properties: Dr. Santiago Veve Calzada Elementary School

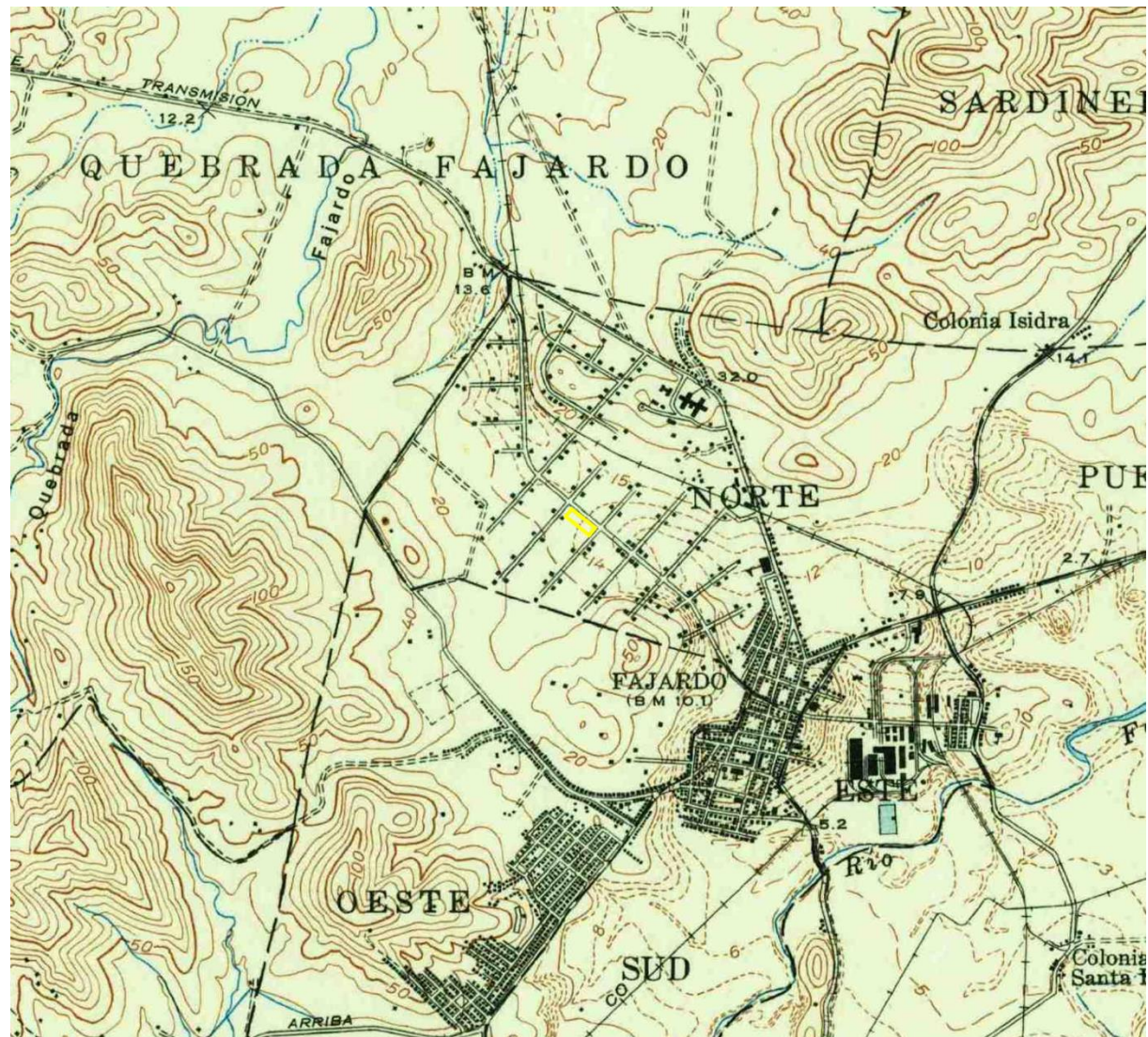
□ Direct APE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 9. 1946 topographic map of the Veve Calzada Sector, Pueblo Ward, northwest of the Fajardo Traditional Urban Center, scale 1:30,000. Project Direct APE is highlighted in yellow. (United States Geological Survey).

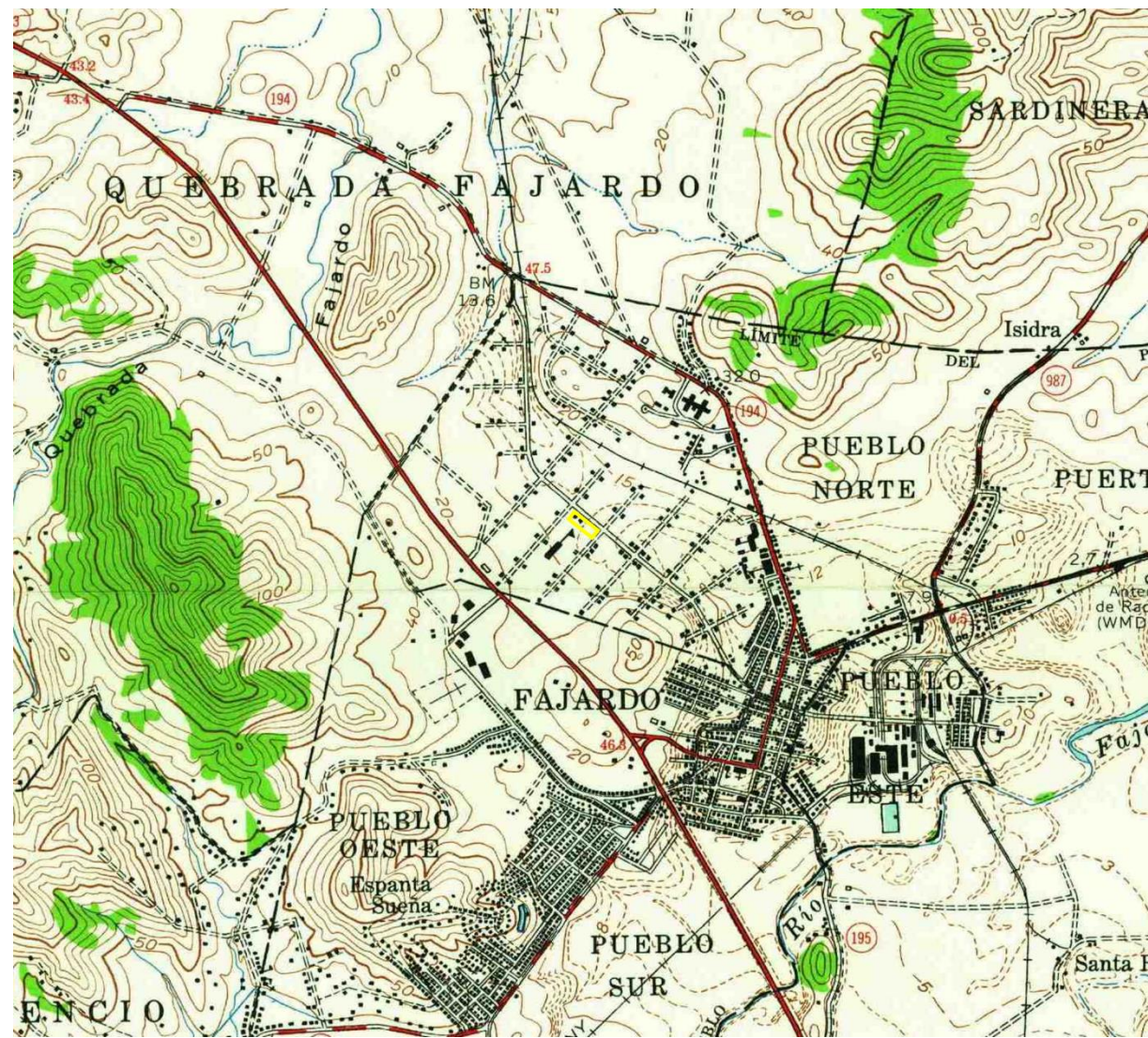


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 10. 1952 topographic map of the Veve Calzada Sector, Pueblo Ward, northwest of the Fajardo Traditional Urban Center, scale 1:30,000. Project Direct APE is highlighted in yellow. (United States Geological Survey).

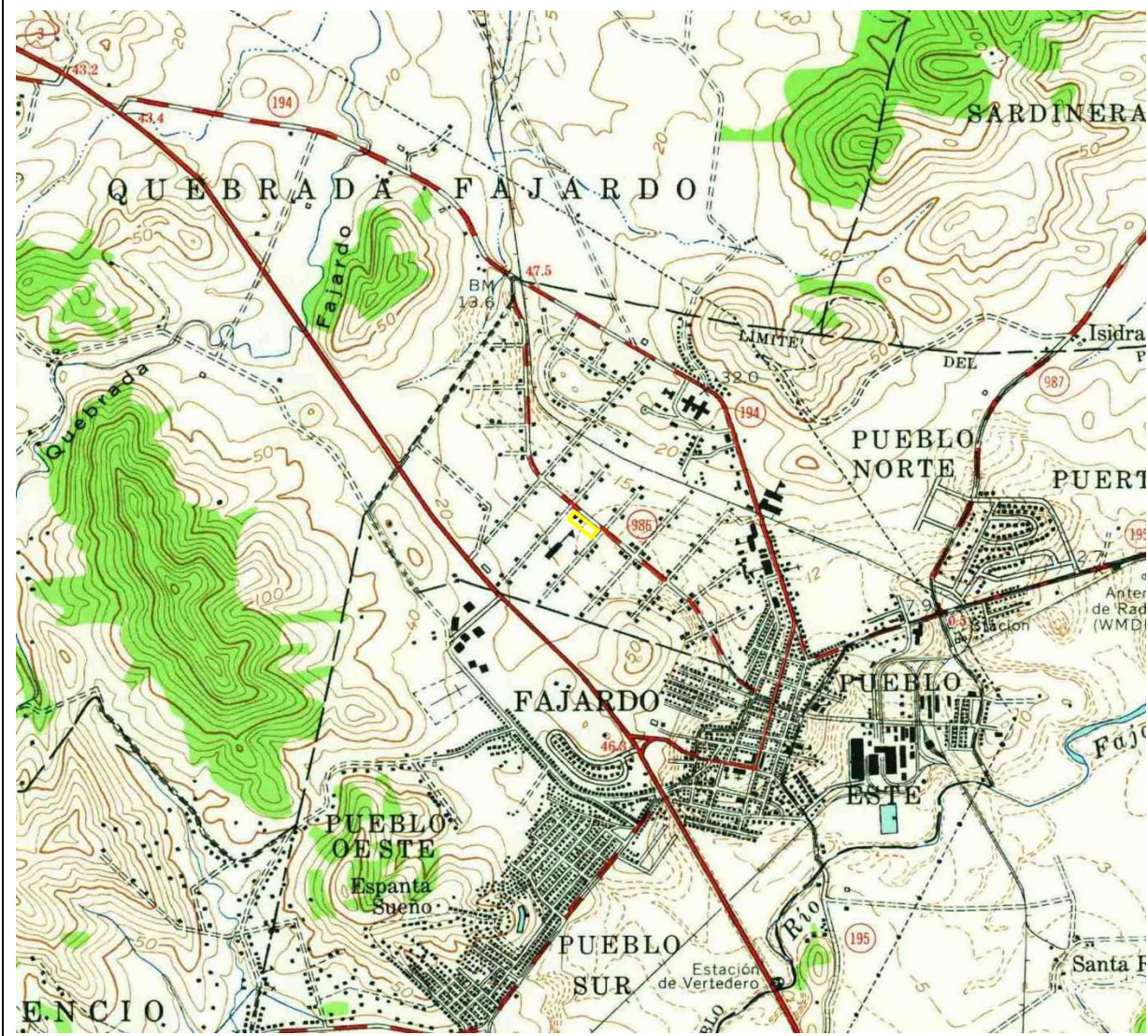


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 11. 1958 topographic map of the Veve Calzada Sector, Pueblo Ward, northwest of the Fajardo Traditional Urban Center, scale 1:20,000. Project Direct APE is highlighted in yellow. (United States Geological Survey).

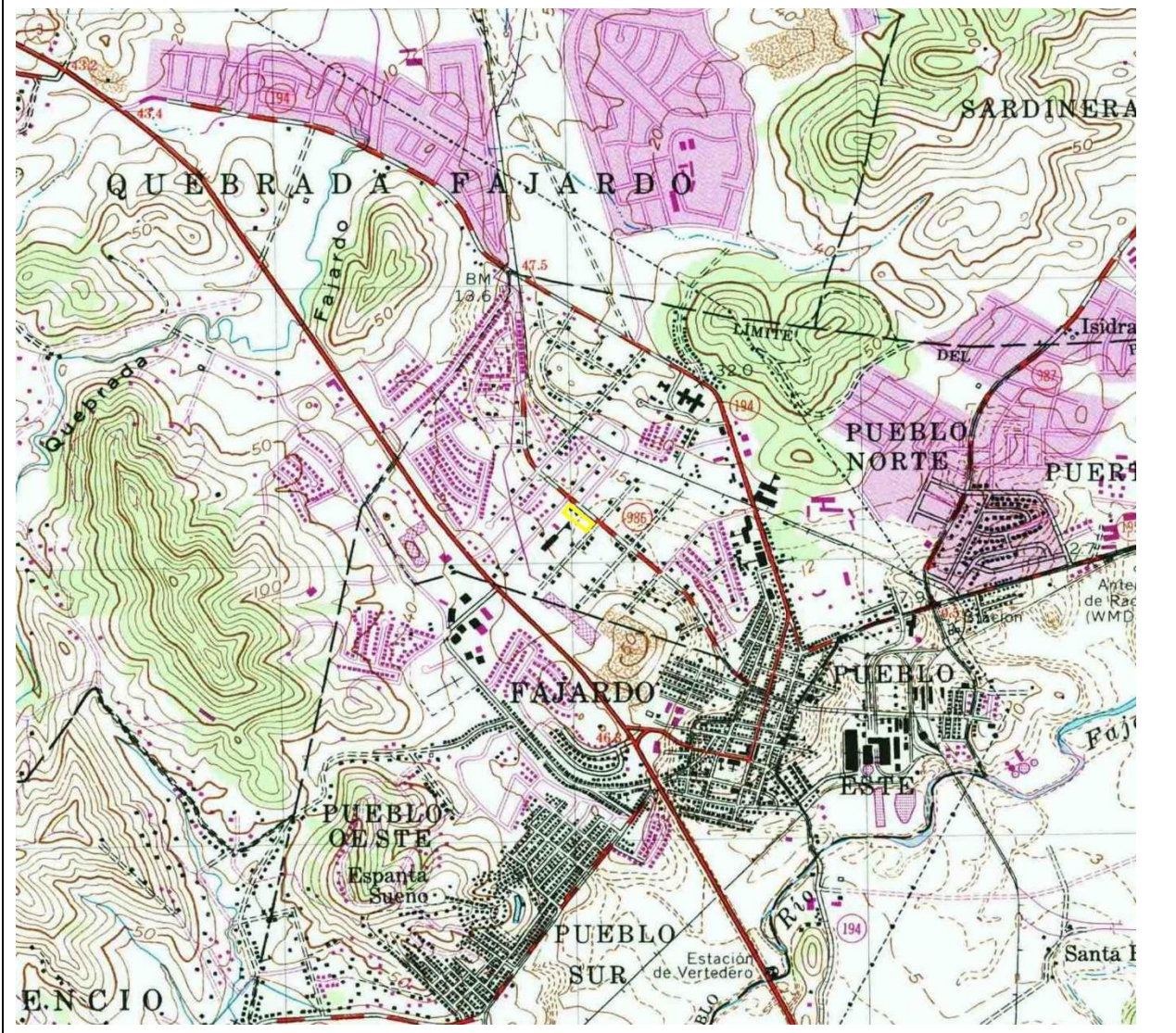


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 12. 1962 topographic map of the Veve Calzada Sector, Pueblo Ward, northwest of the Fajardo Traditional Urban Center, scale 1:20,000. Project Direct APE is highlighted in yellow. (United States Geological Survey).

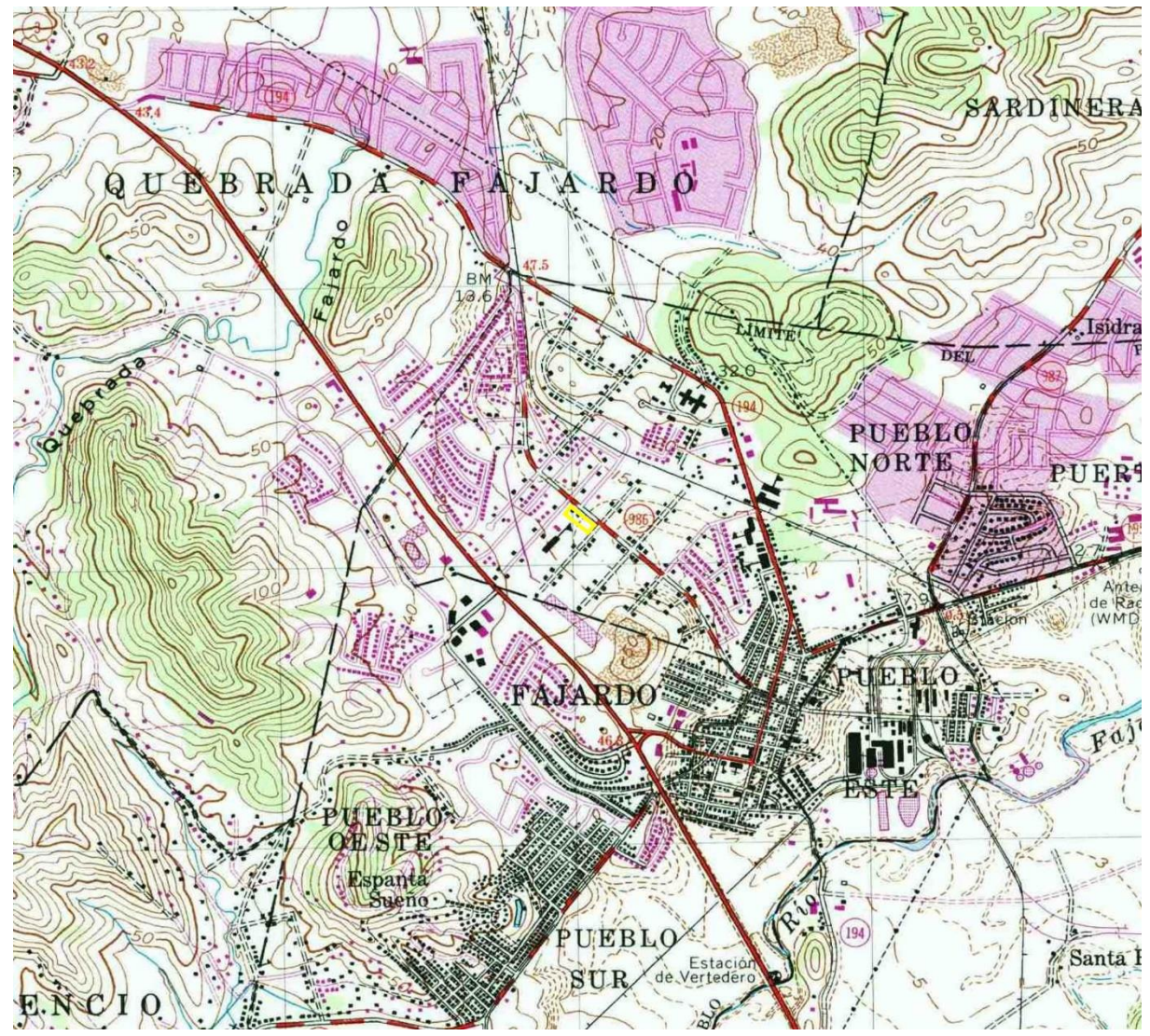


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 13. 1962 (revised in 1989) topographic map of the Veve Calzada Sector, Pueblo Ward, northwest of the Fajardo Traditional Urban Center, scale 1:20,000. Project Direct APE is highlighted in yellow. (United States Geological Survey).



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 14. 1930 aerial photograph of the agricultural land northwest of the Fajardo Traditional Urban Center. No houses or segregated parcels can be observed in the area. Project Direct APE is highlighted in yellow. (CostaVisPR, Puerto Rico georreferenciado: un mosaico de la costa). < <https://costavispr.org/>>.



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 15. 1936 aerial photograph of the town of Fajardo. Previous to urbanization, the project area consisted of agricultural land connected by a dirt road that later became El Veterano Avenue (State Road PR-986). Project Direct APE sits further northwest, outside the frame. (Puerto Rico Department of Transportation and Public Works).



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 16. 1950 aerial photograph of the agricultural land northwest of the Fajardo Traditional Urban Center. Clusters of houses in segregated parcels can be observed. Project Direct APE is highlighted in yellow. (CostaVisPR, Puerto Rico georeferenciado: un mosaico de la costa). < <https://costavispr.org/>>.



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 17. c1945-1950 aerial photograph of the town of Fajardo. Clusters of small houses divided in parcels are scattered along the road that later became El Veterano Avenue (State Road PR-986) with the advent of urbanization in the coming decades. (Historia de Fajardo) <https://www.facebook.com/historiadefajardo/photos>.

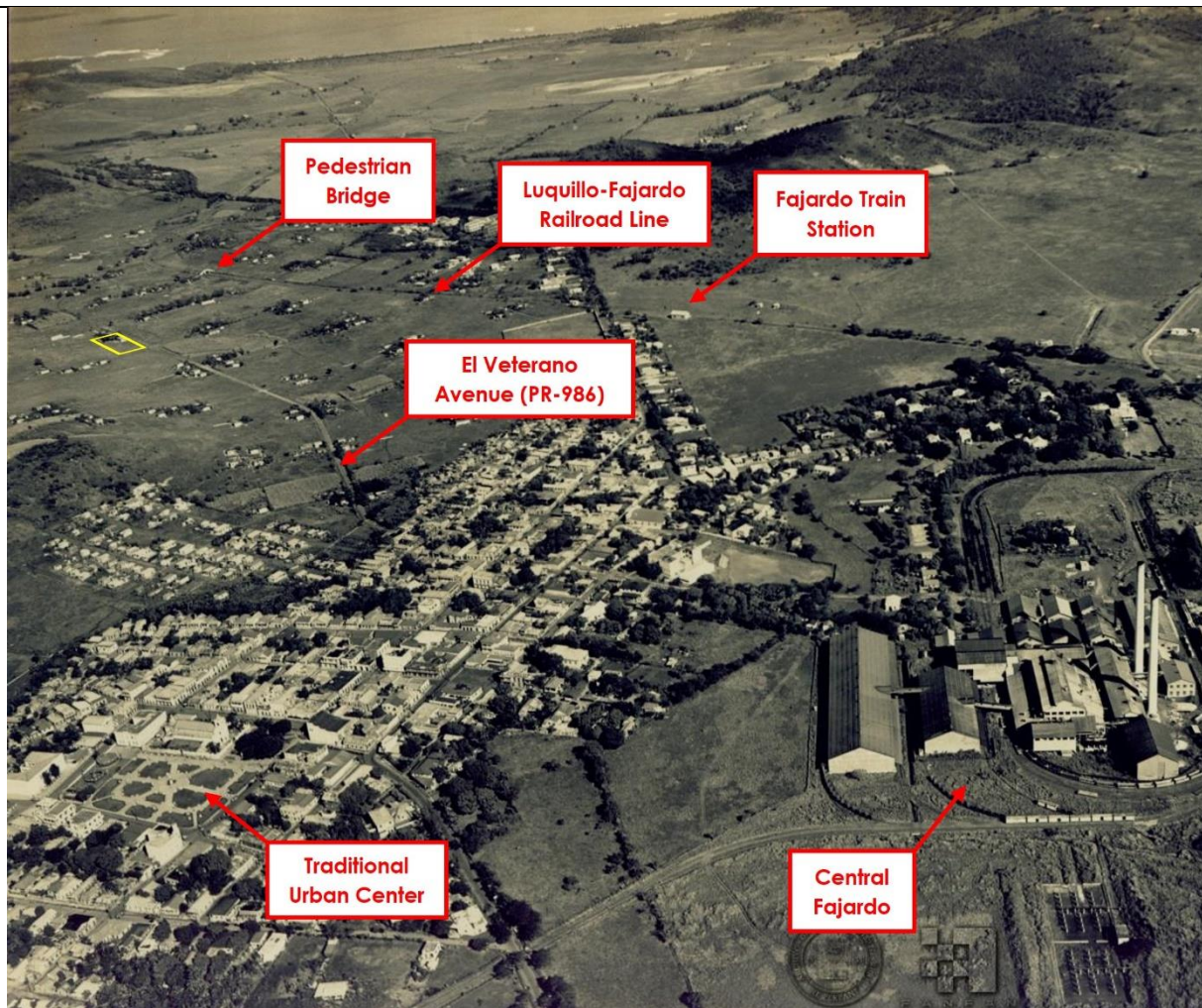


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 18. c1945-1950 aerial photograph capturing a different angle of the town of Fajardo. The Fajardo Development Co.'s Luquillo-Fajardo Railroad Line ran north of the road that later became El Veterano Avenue (State Road PR-986). The pedestrian bridge, which still exists, is discernible just north of the Project Direct APE, highlighted in yellow. The Fajardo Train Station, on the other side of the town, no longer exists. (Historia de Fajardo) <<https://www.facebook.com/historiadefajardo/photos>>.



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 19. 1994 satellite image of the project area, Veve Calzada Sector, Pueblo Ward, in Fajardo. Buildings B and C are already present. Project Direct APE is highlighted in yellow. (Google Earth Pro)



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 20. March 2004 satellite image of the project area, Veve Calzada Sector, Pueblo Ward, in Fajardo. Ground disturbance on northeast parcel corner indicates construction of the proposed Veve Calzada Multidisciplinary Center (Building A) had begun. Project Direct APE is highlighted in yellow. (Google Earth Pro).



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 21. October 2004 satellite image of the project area, Veve Calzada Sector, Pueblo Ward, in Fajardo. The proposed Veve Calzada Multidisciplinary Center (Building A) and parking lot is present on the northeast parcel corner. Project Direct APE is highlighted in yellow. (Google Earth Pro).



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 22. 2014 satellite image of the project area, Veve Calzada Sector, Pueblo Ward, in Fajardo, a decade after the construction of the proposed Veve Calzada Multidisciplinary Center (Building A). Project Direct APE is highlighted in yellow. (Google Earth Pro).



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 23. February 2017 satellite image of the project area, Veve Calzada Sector, Pueblo Ward, in Fajardo, seven months before the passing of hurricanes Irma and María. Project Direct APE is highlighted in yellow. (Google Earth Pro).



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 24. October 2017 satellite image of the project area, Veve Calzada Sector, Pueblo Ward, in Fajardo, approximately one month after the passing of hurricanes Irma and María. Project Direct APE is highlighted in yellow. (Google Earth Pro).

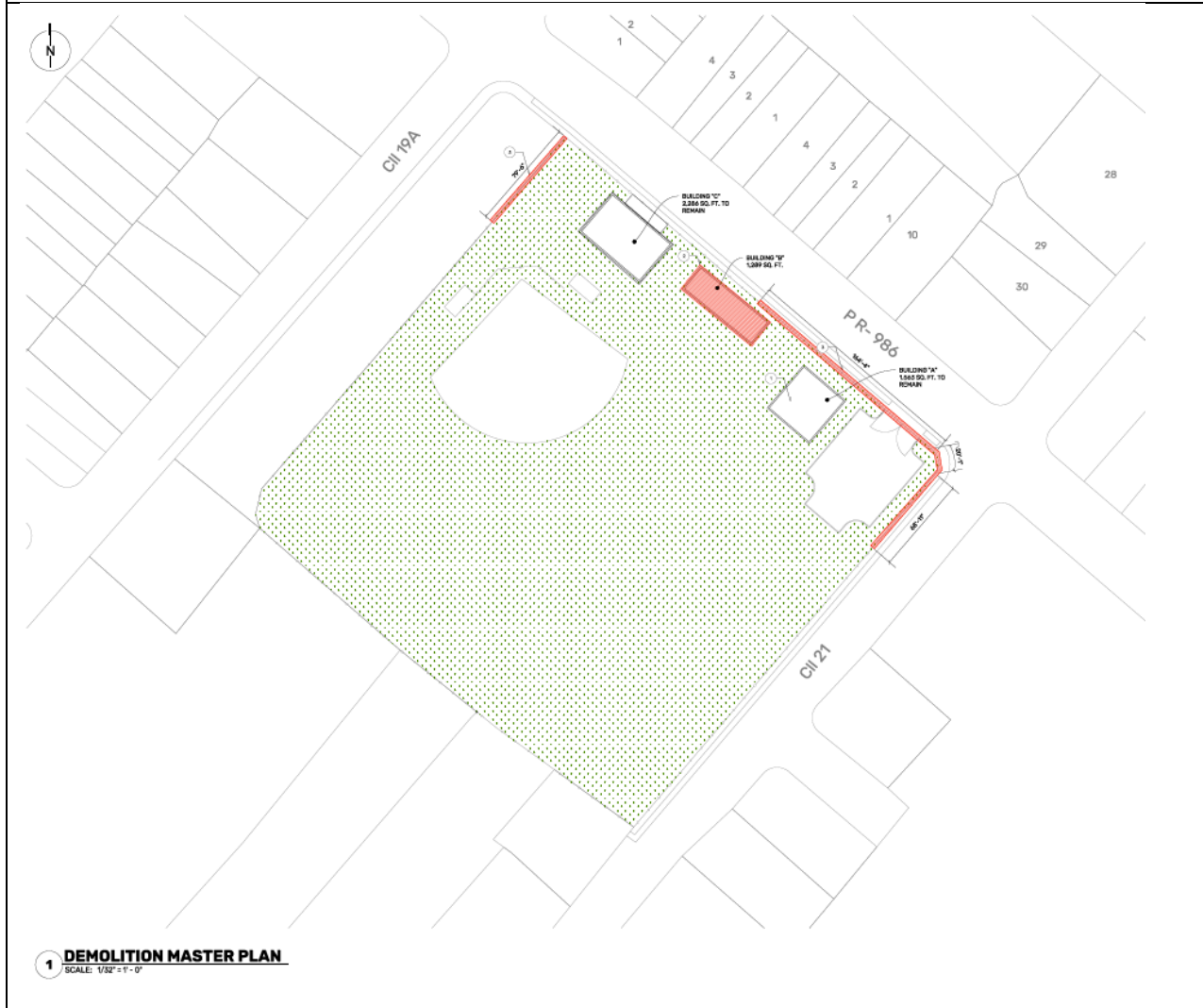


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 25. Demolition Master Plan (C100). Ingenium Profesional Group, Improvements to Centro Multidisciplinario Veve Calzada, Fajardo, Phase 90 %. 2024

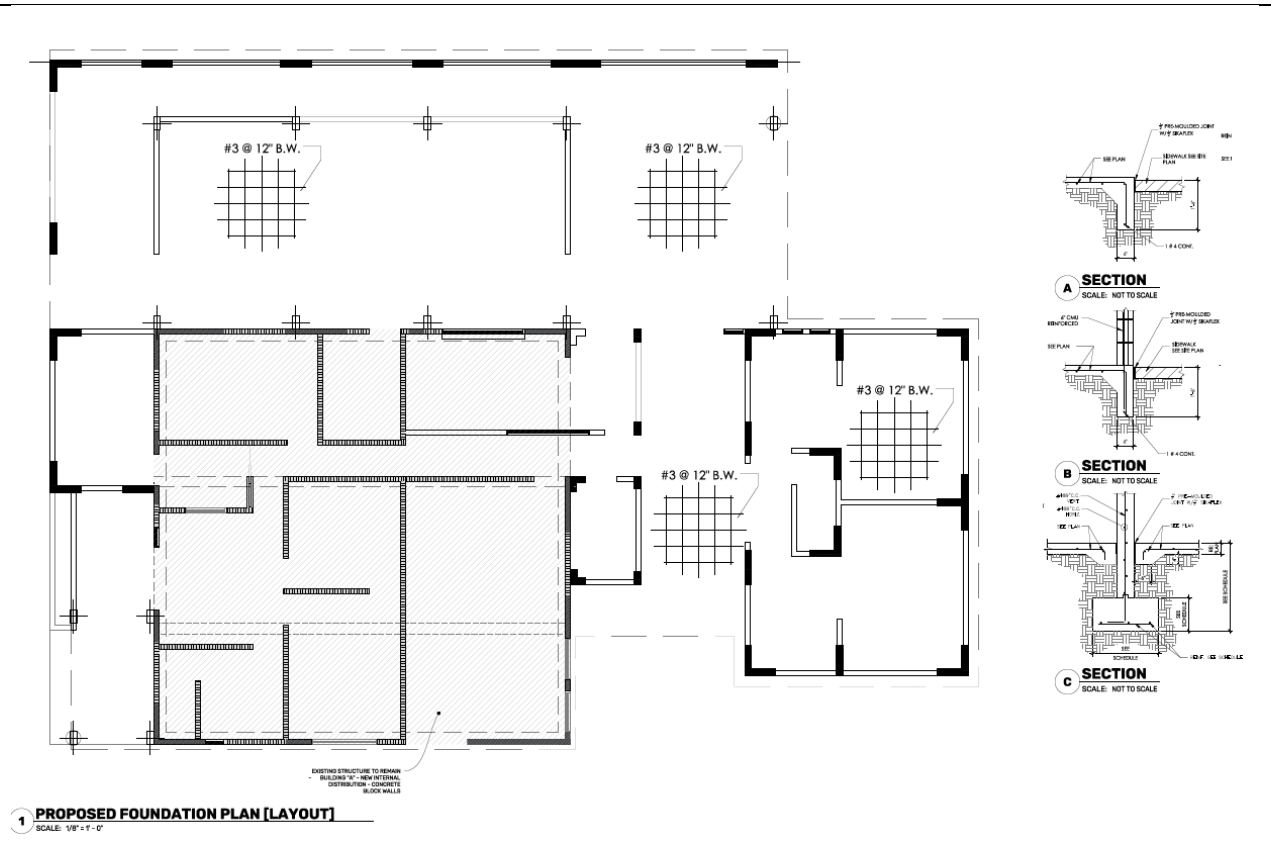


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 26. Proposed Foundation Plan (\$101). Ingenium Profesional Group, Improvements to Centro Multidisciplinario Veve Calzada, Fajardo, Phase 90 %. 2024

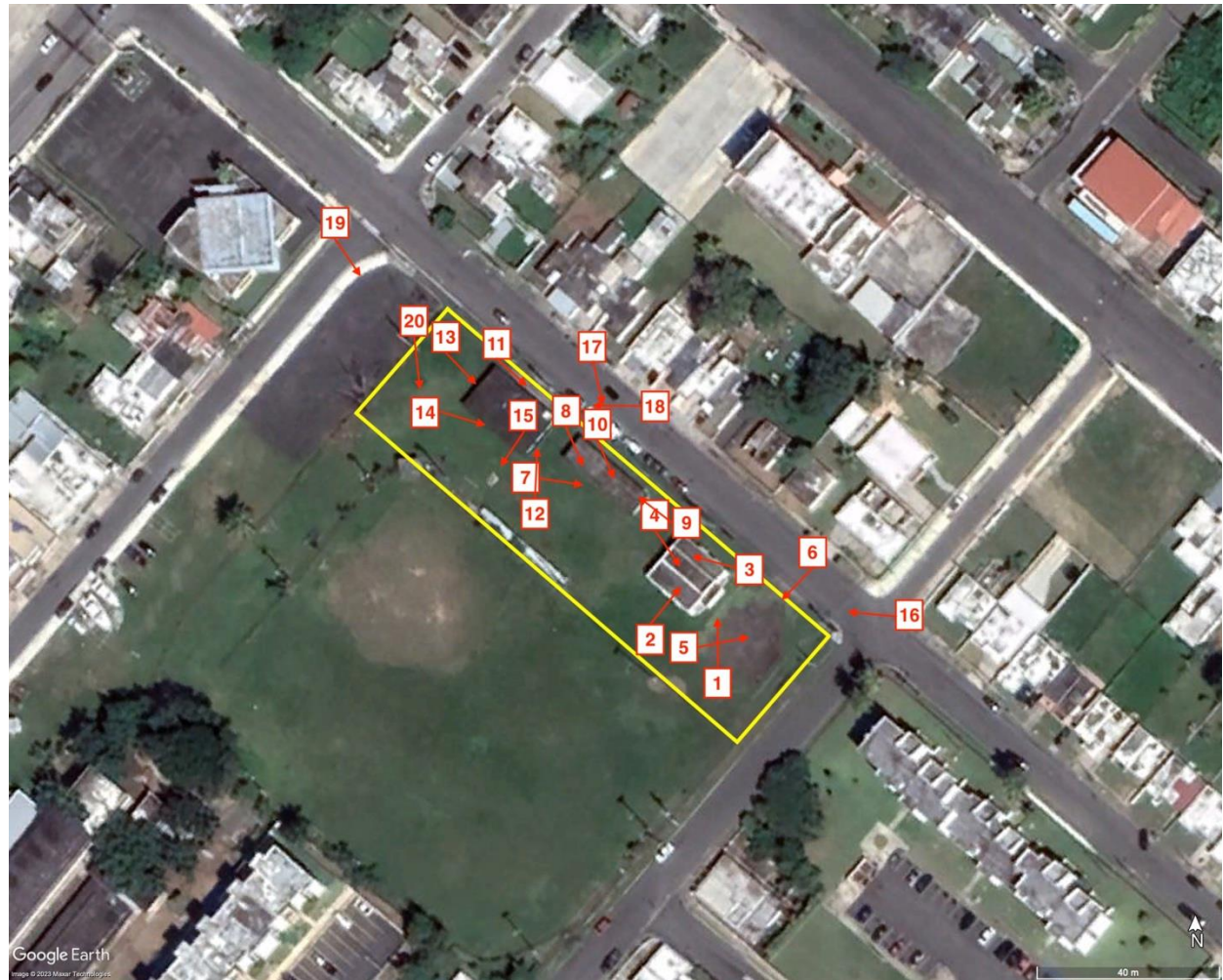


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 27: Photograph Key (Project Direct APE). Source: 2021 Aerial Photograph, Google Earth Pro 7.3.4.8642

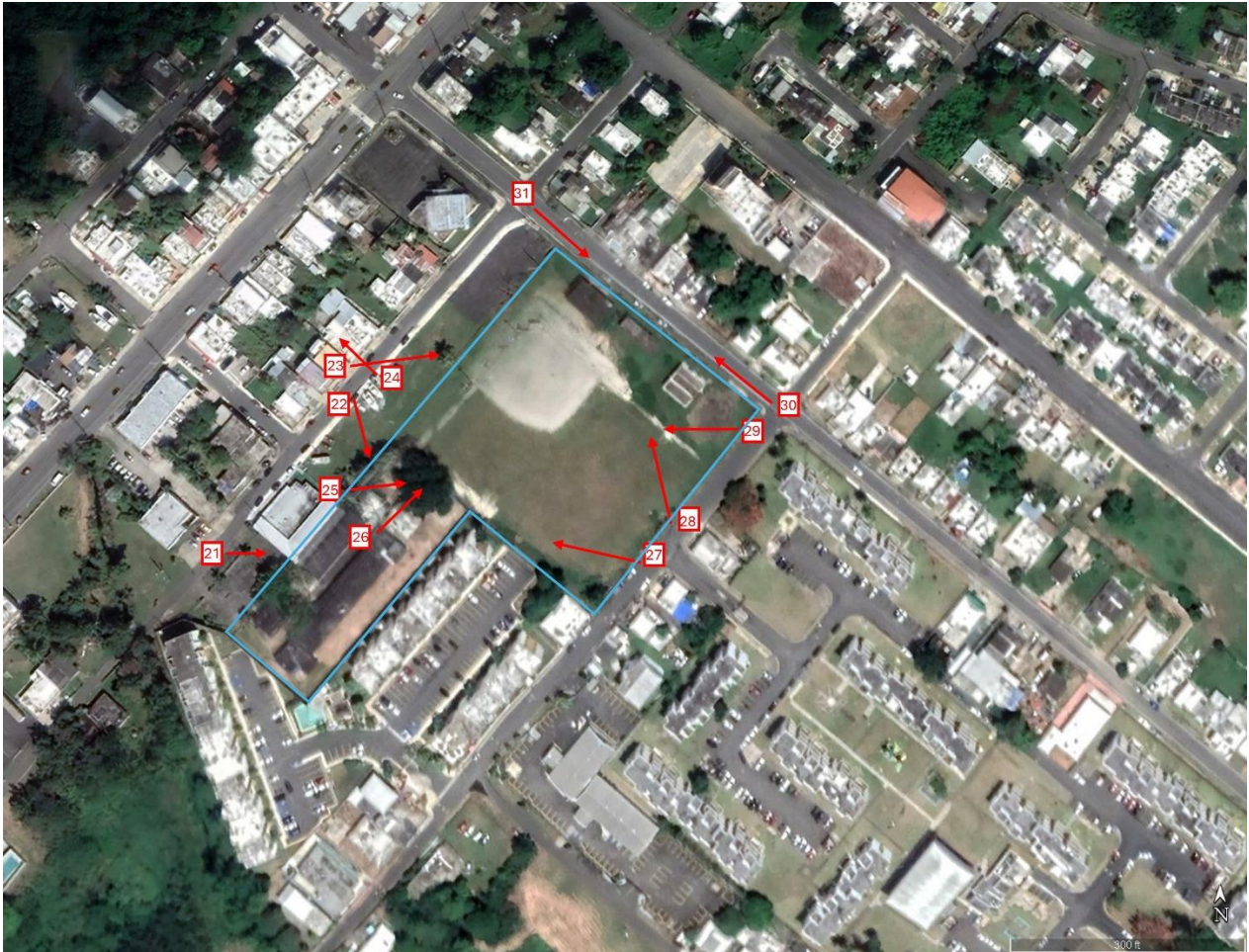


Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Figure 28: Photograph Key (Project Indirect/Visual APE is highlighted in blue). Source: 2021 Aerial Photograph, Google Earth Pro.



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 1

Description: Full front elevation of multidisciplinary center (Building A).

Date: 3/15/23

Direction: N



Photo #: 2

Description: Left elevation of multidisciplinary center (Building A).

Date: 3/15/23

Direction: NE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 3

Description: Right elevation of multidisciplinary center (Building A).

Date: 3/15/23

Direction: NW



Photo #: 4

Description: Rear elevation of multidisciplinary center (Building A).

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Date: 3/15/23

Direction: SE



Photo #: 5

Description: Parking lot in front of multidisciplinary center (Building A).

Date: 3/15/23

Direction: NE



Photo #: 6

Description: Parking lot entrance from El Veterano Avenue (PR-986).

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890

Date: 3/15/23

Direction: SW



Photo #: 7

Description: Full front elevation of bathroom structure (Building B).

Date: 3/15/23

Direction: SE



Photo #: 8

Description: Left elevation of bathroom structure (Building B).

Date: 3/15/23

Direction: SE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 9

Description: Right elevation of bathroom structure (Building B).

Date: 3/15/23

Direction: NW



Photo #: 10

Description: Rear elevation of bathroom structure (Building B).

Date: 3/15/23

Direction: SE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 11

Description: Full front elevation of boxing gym structure (Building C).

Date: 3/15/23

Direction: SE



Photo #: 12

Description: Left elevation of boxing gym structure (Building C).

Date: 3/15/23

Direction: NE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 13

Description: Right elevation of boxing gym structure (Building C).

Date: 3/15/23

Direction: SE



Photo #: 14

Description: Rear elevation of boxing gym structure (Building C).

Date: 3/15/23

Direction: SE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 15

Description: Interior of boxing gym structure (Building C).

Date: 3/15/23

Direction: SW



Photo #: 16

Description: Streetscape, three buildings from El Veterano Avenue.

Date: 3/15/23

Direction: NW

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 17

Description: Streetscape, Buildings A and B from El Veterano Avenue.

Date: 3/15/23

Direction: SE



Photo #: 18

Description: Streetscape, Buildings B and C from El Veterano Avenue.

Date: 3/15/23

Direction: W

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 19

Description: Streetscape, Building C and ballpark from 19A Street.

Date: 3/15/23

Direction: SE



Photo #: 20

Description: Detail of ballpark behind the three buildings.

Date: 3/15/23

Direction: SE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 21

Description: Detail of the southwest façade of the school.

Date: 3/4/24

Direction: E



Photo #: 22

Description: Detail of the northeast façade of the Dr. Santiago Veve Calzada school.

Date: 3/4/24

Direction: S

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 23

Date: 3/4/24

Description: Panoramic view of the built context from the northwest sidewalk of 19th Street.

Direction: NE



Photo #: 24

Date: 3/4/24

Description: View of the built context from the southwest sidewalk of 19th Street (From the school entrance).

Direction: NW

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 25

Date: 3/4/24

Description: View from the schoolyard, northeast facade, towards the project area.

Direction: E



Photo #: 26

Date: 3/4/24

Description: View from the schoolyard, northeast facade, towards the project area.

Direction: NE

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 27

Date: 3/4/24

Description: View from the 21 street to the Dr. Santiago Veve Calzada school.

Direction: NW



Photo #: 28

Date: 3/4/24

Description: View from the 21 street to the project area.

Direction: NW

Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



Photo #: 29

Date: 3/4/24

Description: View from the east corner of the project area to the Dr. Santiago Veve Calzada school.

Direction: NE



Photo #: 30

Date: 3/4/24

Description: View of the built context of El Veterano Avenue.

Direction: NW

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

CITY REVITALIZATION PROGRAM (CITY-REV)

Section 106 NHPA Effect Determination



Subrecipient: Municipality of Fajardo

Project Name: Centro Multidisciplinario Veve Calzada

Project ID: PR-CRP-000890



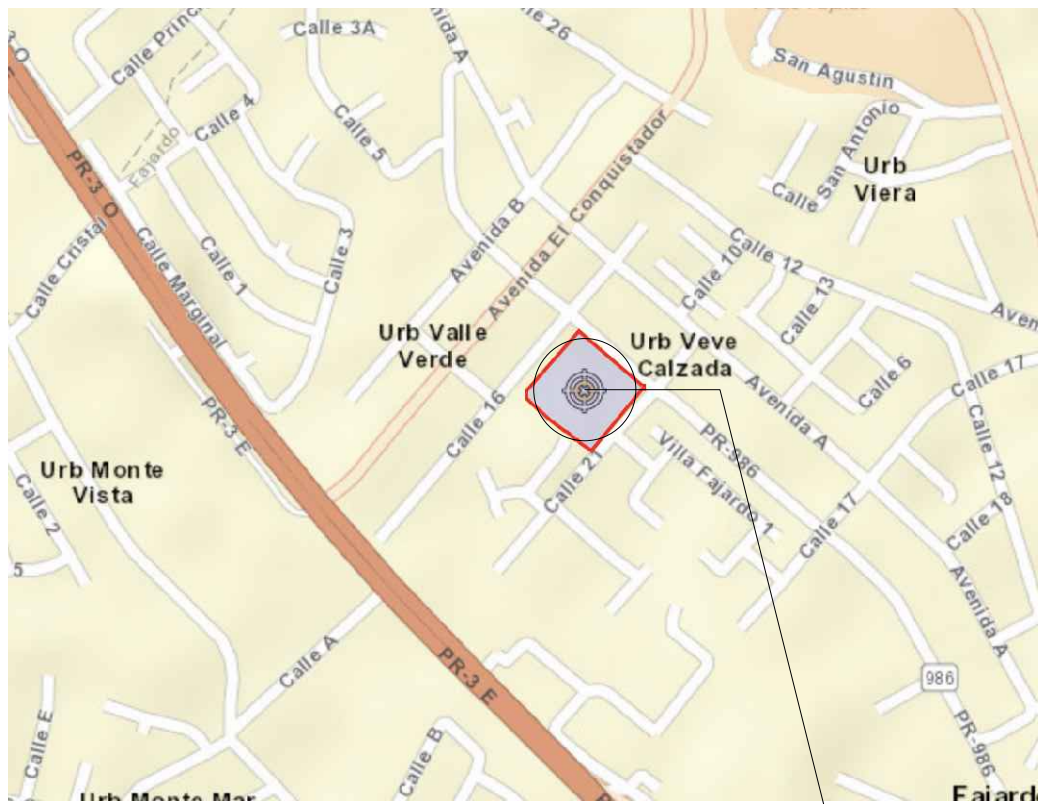
Photo #: 31

Description: View of the built context of El Veterano Avenue.

Date: 3/4/24

Direction: SE

CRP-PR-000890 IMPROVEMENTS TO CENTRO MULTIDICIPLINARIO VEVE CALZADA, FAJARDO, PUERTO RICO



LOCATION

OBTAINED FROM: JUNTA DE PLANIFICACIÓN DE PUERTO RICO | GEOLOCALIZADOR- MIPR

Junta de Planificación, Programa de Sistema de Información Geográfica | Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Catastro: 150-025-581-02
Coordenadas Nad83 | x:281932.9980, y:255431.0058
(Lat: 18.332893, Lon: -65.658025)
Fajardo, Vevé Calzada.

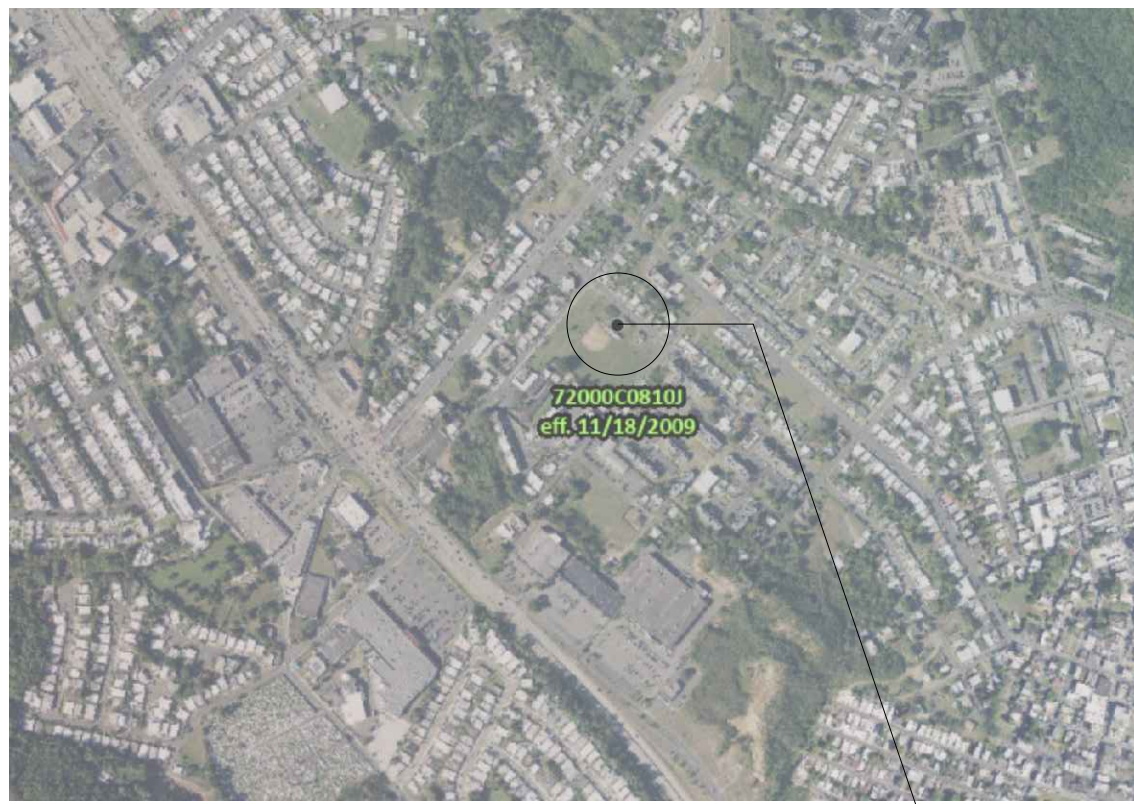


TOPOGRAPHY

OBTAINED FROM: JUNTA DE PLANIFICACIÓN DE PUERTO RICO | GEOLOCALIZADOR- MIPR

Junta de Planificación, Programa de Sistema de Información Geográfica | Esri, HERE, Garmin, INCREMENT P, NGA, USGS.

Calificación: SU, (Suelo urbano)
Calificación: DT-P (Dotacional Parque)
Clasificación PT: Oficialización del geodato en proceso, favor de referirse al mapa de calificación vigente.
Clasificación PUT: Oficialización del geodato en proceso, favor de referirse al mapa de calificación vigente.
Mapa de Calificación: Fajardo
Distrito Sobrepuerto:



FLOOD MAP

OBTAINED FROM: JUNTA DE PLANIFICACIÓN DE PUERTO RICO | MAPA NIVELES DE INUNDACIÓN BASE RECOMENDADOS

Junta de Planificación, Programa de Sistema de Información Geográfica | Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Zona de Inundaabilidad: X
Zona Inund. Advisory: A: X
Panel: 72000C0810J
Suelo (NRCS): SNS (Soil not surveyed)

PAGE INDEX

Sheet No. Code No. Title Sheet

GENERAL

1 G100 TITLE SHEET

2 G101 SITE LOCATION PLAN

SURVEY - MAPPING

3 AS100 EXISTING SITE PLAN_AS BUILT

4 AS101 EXISTING CONDITIONS_PHOTO DOCUMENTATION

5 AS200 EXISTING CONDITIONS_BUILDING A_BLOW UP

6 AS201 BUILDING A_EXISTING ELECTRICAL SYSTEM

7 AS202 BUILDING A_PHOTO DOCUMENTATION

8 AS300 EXISTING CONDITIONS_BUILDING B_BLOW UP

9 AS301 BUILDING B_PHOTO DOCUMENTATION

10 AS400 EXISTING CONDITIONS_BUILDING C_BLOW UP

11 AS401 BUILDING C_PHOTO DOCUMENTATION

CIVIL DRAWINGS

12 C100 PROPOSED DEMOLITION SITE PLAN

13 C101 PROPOSED DEMOLITION PLAN_BLDG A

14 C102 DEMOLITION TYPICAL DETAILS

15 C103 PROPOSED GROUND SITE PLAN

16 C104 PROPOSED PARKING PLAN

17 C105 TYPICAL SITE DETAILS

18 C106 TYPICAL SITE DETAILS

ARCHITECTURAL DRAWINGS

19 A001 ARCHITECTURAL NOTES & SYMBOLS

20 A100 PROPOSED IMPROVEMENTS PLAN_BUILDING A

21 A100a FINISHES SCHEDULE

22 A101 PROPOSED REFLECTED CEILING

23 A102 REFLECTED CEILING_DETAILS

24 A103 PROPOSED ROOF PLAN

25 A200 PROPOSED SECTIONS

26 A300 PROPOSED ELEVATIONS

27 A400 WOMEN'S RESTROOM_BLOW UP

28 A401 MEN'S RESTROOM_BLOW UP

29 A402 BATHROOM_BLOW UP

30 A403 JANITOR CLOSET_BLOW UP

31 A404 CANTEEN_BLOW UP

32 A500 DOORS SCHEDULE

33 A600 WINDOWS SCHEDULE

34 A601 WINDOWS_DETAILS

35 A700 PERIMETER FENCE & DETAILS

36 A701 Proposed Perimeter Fence & Details

37 A800 MISCELLANEOUS

38 R100 Renders

39 R101 Renders

40 R102 Renders

41 R103 Renders

STRUCTURAL DRAWINGS

42

43 S101 FOUNDATION PLAN

44 S102 STRUCTURAL DETAILS

45 S200 TYPICAL CONCRETE DETAILS

46 S201 TYPICAL CONCRETE MASONRY UNITS DETAILS

LANDSCAPING DRAWINGS

47 LA100 PROPOSED LANDSCAPE PLAN

PLUMBING DRAWINGS

48 P100 PLUMBING GENERAL NOTES

49 P101 PLUMBING SITE PLAN

50 P102 PROPOSED WATER DISTRIBUTION PLAN

51 P103 PROPOSED SANITARY PLAN

52 P104 GENERAL PLUMBING DETAILS

53 PS100 PROPOSED STORM SEWER PIPING SITE PLAN

ELECTRICAL DRAWINGS

54 E100 ELECTRICAL NOTES & SYMBOLS

55 E101 ELECTRICAL SITE PLAN

56 E102 ELECTRICAL NOTES AND DETAILS

57 E103 ELECTRICAL POWER DISTRIBUTION PLAN

58 E104 ELECTRICAL LIGHTING DISTRIBUTION PLAN

DATA & TELECOMMUNICATIONS

59 NET 100 TELECOMMUNICATIONS & DATA SITE PLAN

60 NET 101 TELECOMMUNICATIONS LAYOUT & DETAILS

61 NET102 TELECOMMUNICATIONS DETAILS

FIRE PROTECTION DRAWINGS

62 FP100 FIRE ALARM SYSTEM AND DETAILS

MECHANICAL DRAWINGS

63 VAC101 VAC DISTRIBUTION PLAN_PIPE CONNECTION INTERIOR UNITS

64 VAC102 VAC DISTRIBUTION PLAN_PIPE CONNECTION INTERIOR UNITS

65 VAC201 OUTDOOR UNITS DISTRIBUTION PLAN

66 VAC301 VAC DISTRIBUTION PLAN_DETAILS

67 VAC302 VAC DISTRIBUTION PLAN_DETAILS

PHASE 90.1% ADVANCED

GENERAL NOTES

1. THE PRECISE LOCATION OF ALL POWER, GAS, TELEPHONE, WATER AND DRAIN SHALL BE VERIFY IN FIELD. CONTRACTOR SHALL CONTRACT UTILITIES, LOCATE SHUT OFF VALVES AND PROCEED SAFELY ACCORDING TO THE RECOMMENDATION OF EACH UTILITY. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY INTERRUPTION OF THESE LINES AT NO COST TO THE OWNER.

2. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ARCHITECT, PROJECT MANAGER OR INSPECTOR PRIOR TO THE COMMENCEMENT OF WORK.

3. WHERE DIMENSIONS ARE UNCLEAR, CONSULT THE ARCHITECT, PROJECT MANAGER OR INSPECTOR. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR HIS WORK. ALL DIMENSIONS SHALL BE FIELD VERIFIED WHERE POSSIBLE. ALL DIMENSIONS ARE FINISHES DIMENSIONS UNLESS OTHERWISE INDICATED. ALL NEW WINDOW AND DOOR OPENINGS MUST BE VERIFIED ON SITE FOR DIMENSIONS ACCURACY BEFORE ORDERING MATERIAL.

4. THE CONSTRUCTION DRAWINGS AND THE TECHNICAL SPECIFICATIONS ARE COMPLEMENTARY TO EACH OTHER. THE CONTRACTOR MUST ASSUME INFORMATION PRESENT IN EITHER AND IN BOTH DOCUMENTS.

5. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY TO COMPLETE THE BUILDING AS SHOWN. MATERIALS AND WORKMANSHIP SHALL BE OF THE HIGHEST QUALITY EMPLOYED BY THE RESPECTIVE TRADES. EACH SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, REFINISHING ANY AND ALL EXISTING WORK ALTERED BY EITHER OPERATION.

6. CONTRACTOR AND HIS SUB-CONTRACTORS SHALL TURN THE PROJECT OVER TO OWNER FREE FROM ALL CONSTRUCTION DEBRIS AND CLEAN

7. CONTRACTOR SHALL REPLACE AND/OR REPAIR PAVEMENT, STRUCTURES OR EQUIPMENT DAMAGED OR DAMAGED IN ANY WAY BY THE CONSTRUCTION PROCESS WHETHER OR NOT SPECIFICALLY STATED IN THE DRAWINGS.

8. CONTRACTOR SHALL TAKE MAXIMUM PRECAUTIONS IN ORDER TO PREVENT DAMAGE TO EQUIPMENT OR ADJACENT PROPERTY AND AVOID INJURIES TO PERSONNEL AND PEOPLE.

9. IT IS UNDERSTOOD THAT WHILE NOT EVERY DETAIL OF THE WORK IS SHOWN ON THE DRAWINGS OR SPECIFICATIONS, THE WORK INCLUDES ITEM INFERABLE FROM THE CONTRACTOR DOCUMENT. THE OWNER SHALL NOT BE HOLD RESPONSIBLE FOR THE ABSENCE OF ANY DETAIL THE CONTRACTOR MAY REQUIRE FOR ANY CONSTRUCTION WHICH MAY BE FOUND NECESSARY AS THE WORK PROGRESS. IF ANY ITEM OR SYSTEM IS EITHER SHOWN OR SPECIFIED, ALL MATERIAL AND EQUIPMENT NORMALLY FURNISHED WITH SUCH ITEMS AND/OR NEED TO MAKE A COMPLETE OPERATION INSTALLATION. SHALL BE PROVIDED WHETHER MENTIONED OR NOT, OMITTING ONLY SUCH PARTS AS ARE SPECIFICALLY EXCEPTED.

10. THE DRAWINGS HAVE BEEN PREPARED ON THE BASIS OF OBSERVATION OF EXISTING CONDITIONS. THE ARCHITECT ACCEPTS NO RESPONSIBILITY FOR CONCEALED SITE CONDITIONS.

11. PAINT: ALL SURFACE MUST BE SCRAPES, CLEANED, PRIMED BEFORE PAINTED. PAINT COLOR SCHEME TO BE SELECTED BY DESIGN AND CONSTRUCTION OFFICE COORDINATOR.

12. FURNISH GRAPHICS ON DRAWINGS ARE FOR SPACE DISTRIBUTION AND PLANNING PURPOSE, NOT PART OF PROJECT CONSTRUCTION, UNLESS IT IS MENTIONED TO BE REQUIRED.

SUBMITTAL REVIEW

APPROVED

REVIEW AND/OR APPROVAL
NEITHER EXTENDS NOR ALTERS
ANY CONTRACTUAL OBLIGATIONS
OF THE ARCHITECT OR
CONTRACTOR. REFER TO THE
GENERAL CONDITIONS OF THE
CONTRACT AND/OR DIVISION 1 OF
THE SPECIFICATION FOR A
DESCRIPTION OF THIS SUBMITTAL
RESPONSE AND THE CONTRACTUAL
SIGNIFICANCE.

SUBMITTAL REVIEW

APPROVED AS NOTED

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SUBMITTAL REVIEW

REVISE AND RESUBMIT

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SUBMITTAL REVIEW

REJECTED

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CONTRACTOR. REFER TO THE
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CONTRACT AND/OR DIVISION 1 OF
THE SPECIFICATION FOR A
DESCRIPTION OF THIS SUBMITTAL
RESPONSE AND THE CONTRACTUAL
SIGNIFICANCE.

PROJECT ADDRESS

CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER

FAJARDO MUNICIPALITY

REGISTER No.

1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV. DATE DESCRIPTION BY CHK'D

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CERTIFICATION

I, WILLIAM MELENDEZ RIVAS, LIC. 16383, CERTIFY THAT I AM THE PROFESSIONAL WHO [MADE, DESIGNED OR PREPARED] THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS AND THE APPLICABLE PROVISIONS OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES. REGULATORY BOARDS OR PUBLIC CORPORATIONS WITH JURISDICTION. I FURTHER CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE PROVISIONS OF LAW 14-2004, AS AMENDED, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE (LAW NO. 379 OF MAY 15, 1938, AS AMENDED; ACT NO. 96 OF JULY 6, 1978, AS AMENDED; AS APPLICABLE). I ACKNOWLEDGE THAT ANY FALSE STATEMENT OR MISREPRESENTATION OF FACTS THAT HAS BEEN PRODUCED BY IGNORANCE OR NEGLIGENCE EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHERS WITH MY KNOWLEDGE, MAKES ME RESPONSIBLE FOR ANY JUDICIAL AND DISCIPLINARY ACTION BY THE ODEP.

IPG INGENIUM
PROFESSIONAL GROUP

654 Ave. Muñoz Rivera - Suite 1638
654 Plaza, San Juan, PR 00738
Tel: (787) 978-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE

William Meléndez Rivas
Ingeniero
Licenciado
Lic. 16383 P.E.
Puerto Rico

FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

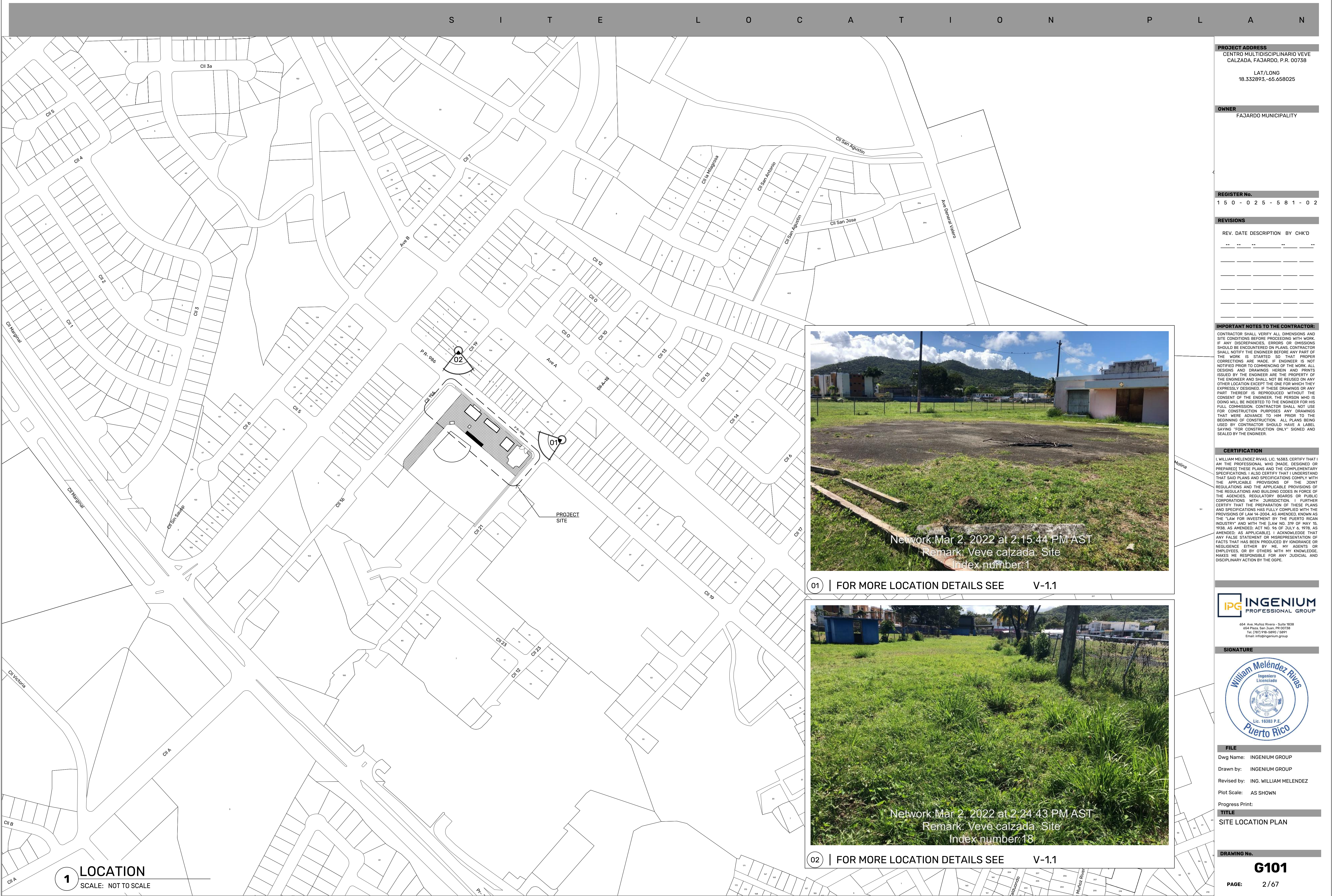
TITLE

TITLE SHEET

DRAWING No.

G100

PAGE: 1/67



PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
FAJARDO MUNICIPALITY

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1 5 0 - 0 2 5 - 5 8 1 - 0 2

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654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 938-5802 / 5891
Email: info@ingeniumgroup.com

SIGNATURE

Ingeniero
Licenciado
Lic. 16383 P.E.
Puerto Rico

FILE
Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
Progress Print:

TITLE
SITE LOCATION PLAN

DRAWING No.
G101
PAGE: 2/67

CII 19A

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER
FAJARDO MUNICIPALITY

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1 5 0 - 0 2 5 - 5 8 1 - 0 2

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IPG INGENIUM
PROFESSIONAL GROUP

654 Ave. Muñoz Rivera - Suite 1938
654 Plaza, San Juan, PR 00738
Tel: (787) 758-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

TITLE

EXISTING SITE PLAN_ASBUILT

DRAWING No.

AS100

PAGE: 4/65

1 AS BUILT_SITE PLAN
SCALE: 1/16" = 1' - 0"

EXISTING BASEBALL
BLEACHERS

BASEBALL
COURT

BUILDING "C"
269,575 sqf

BUILDING "B"
1,289 sqf

BUILDING "A"
1,563 sqf

EXISTING
ASPHALT
PARKING



01 | FOR MORE LOCATION DETAILS SEE AS100



02 | FOR MORE LOCATION DETAILS SEE AS100



03 | FOR MORE LOCATION DETAILS SEE AS100



04 | FOR MORE LOCATION DETAILS SEE AS100



05 | FOR MORE LOCATION DETAILS SEE AS100



06 | FOR MORE LOCATION DETAILS SEE AS100



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09 | FOR MORE LOCATION DETAILS SEE AS100



10 | FOR MORE LOCATION DETAILS SEE AS100



11 | FOR MORE LOCATION DETAILS SEE AS100



12 | FOR MORE LOCATION DETAILS SEE AS100

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Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
Progress Print:

TITLE

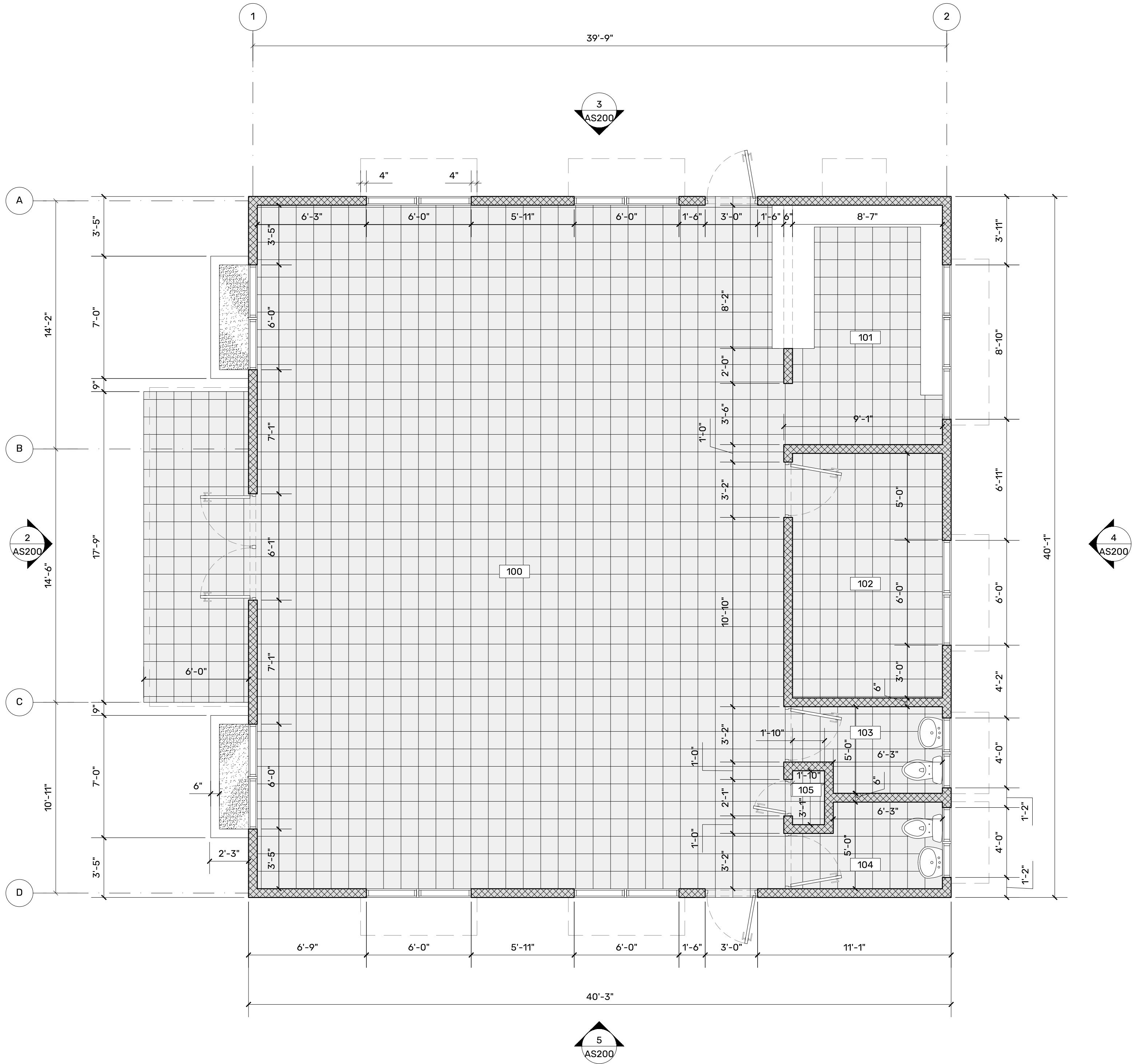
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DOCUMENTATION

DRAWING No.

AS101

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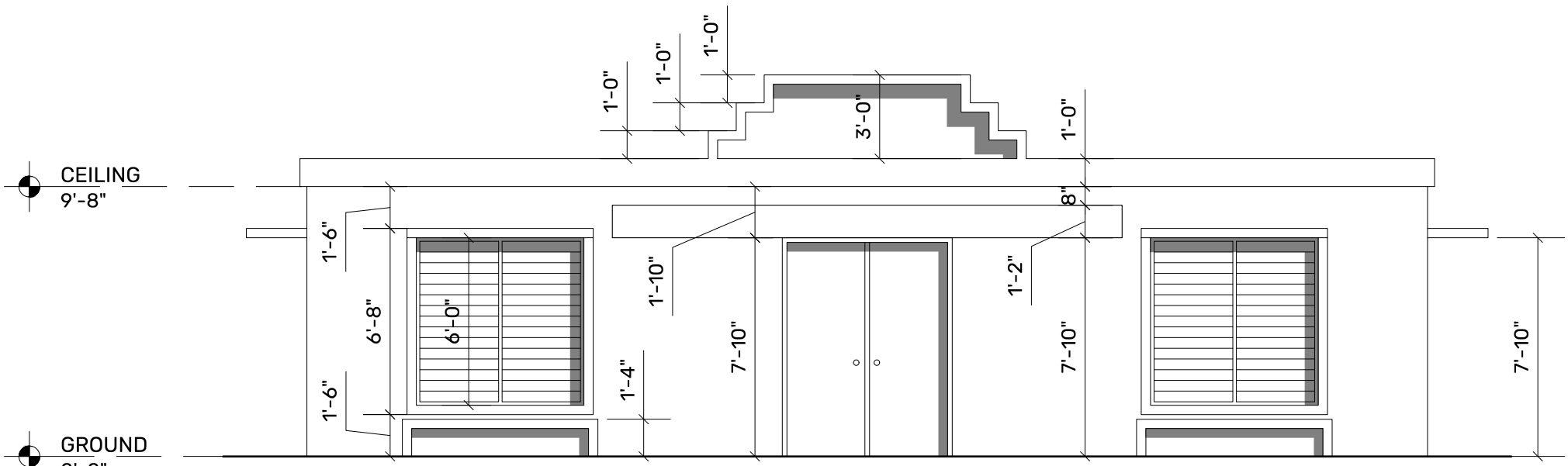
5 / 65



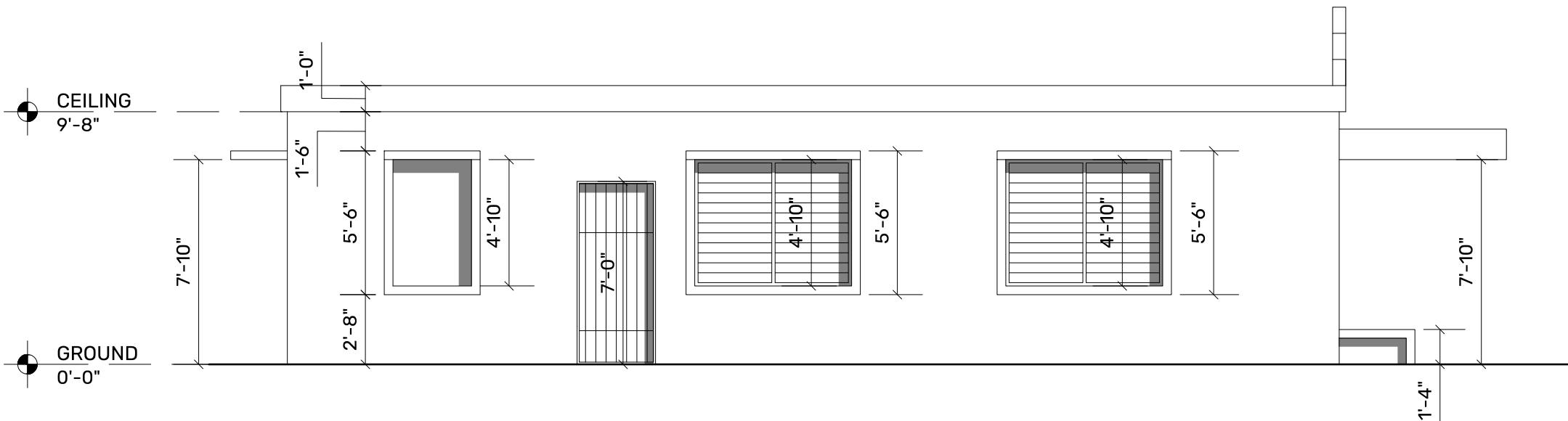
1 BUILDING "A" AS BUILT FLOOR PLAN
SCALE: 1/4" = 1' - 0"

PROGRAM AREAS

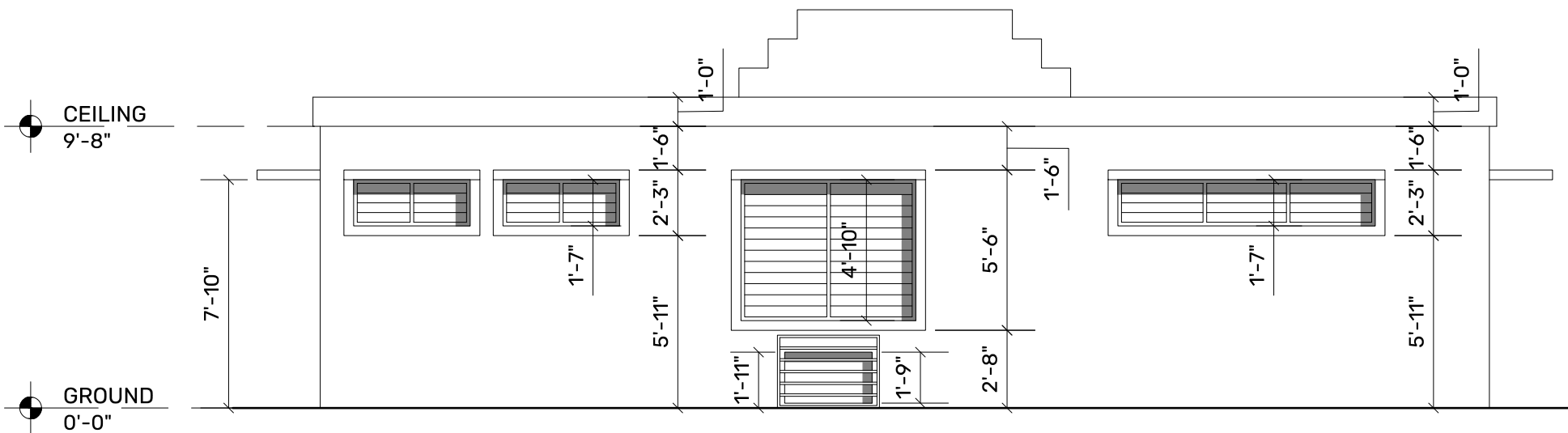
NUMBER	SPACE	AREA
100	OPEN SPACE	1,179.31 SQ. FT.
101	KITCHEN	89.92 SQ. FT.
102	OFFICE	121.75 SQ. FT.
103	BATHROOM A	39.96 SQ. FT.
104	BATHROOM B	39.96 SQ. FT.
105	STORAGE	6.69 SQ. FT.



2 BUILDING "A" ELEVATION
SCALE: 3/16" = 1' - 0"



3 BUILDING "A" ELEVATION
SCALE: 3/16" = 1' - 0"



4 BUILDING "A" ELEVATION
SCALE: 3/16" = 1' - 0"



5 BUILDING "A" ELEVATION
SCALE: 3/16" = 1' - 0"

PROJECT ADDRESS
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CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

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IPG INGENIUM
PROFESSIONAL GROUP
654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 938-6800 / 6891
Email: info@ingenium.group

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

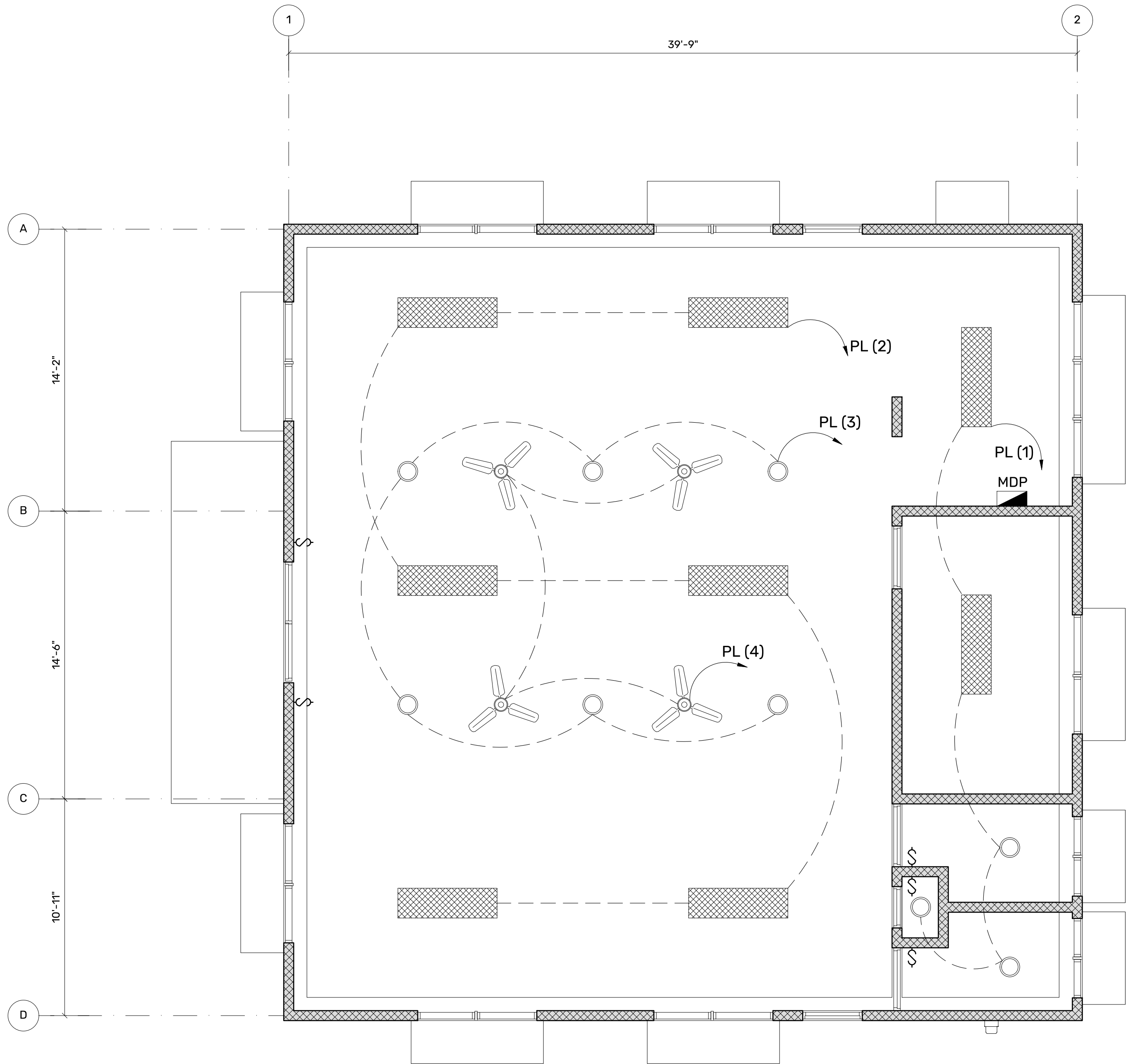
Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:








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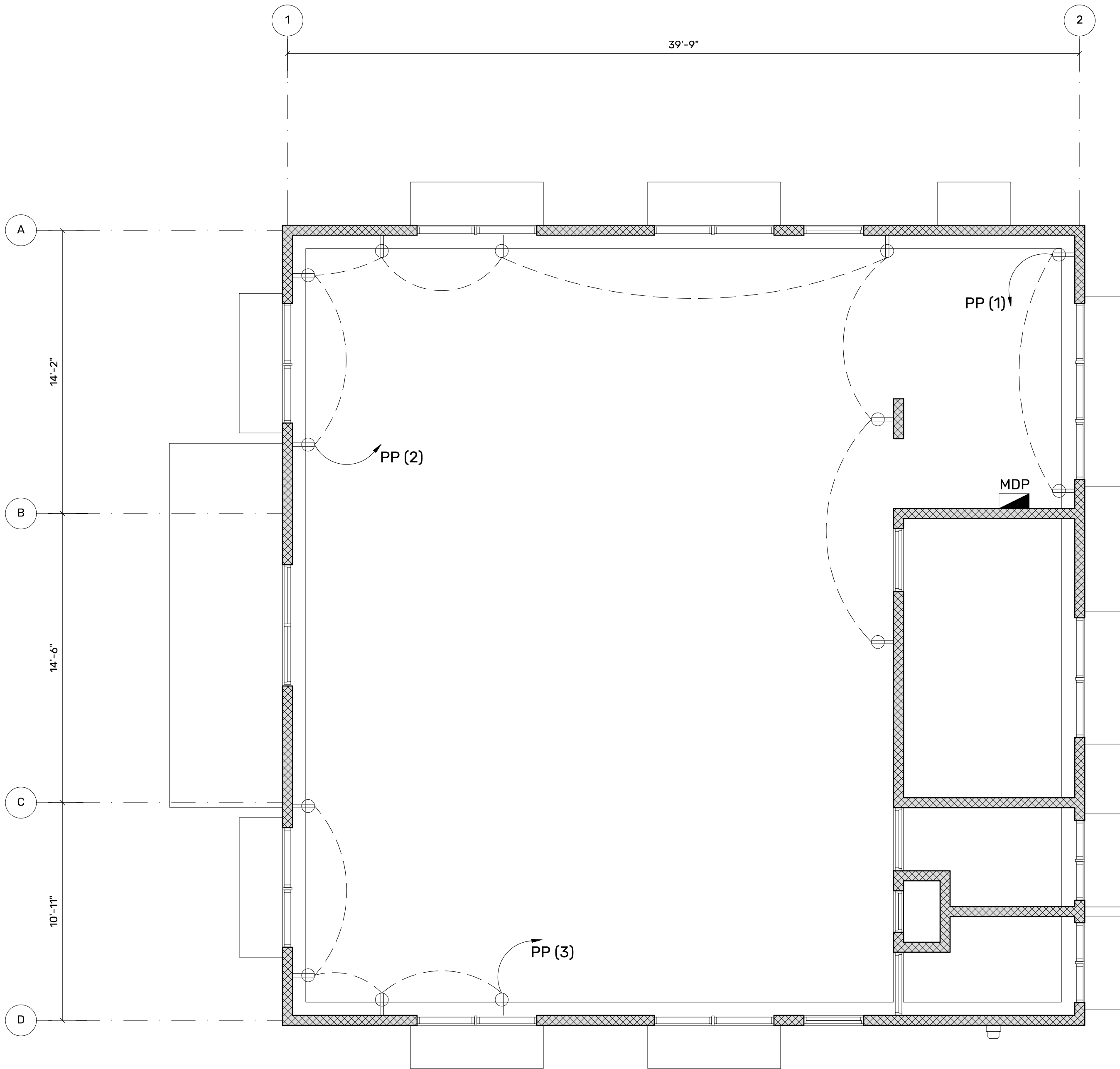
EXISTING
CONDITIONS_BUILDING
A_BLOW UP
DRAWING NO.



1 BUILDING "A" ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1' - 0"

ELECTRICAL LEGEND:

-  EXISTING SINGLE SWITCH GROUNDING TYPE 14 AMPS. 120/277 VOLTS. 4 INCH BOX WITH RAISER COVER CAT. NO. 770 RACO OR SIMILAR. 48" A.F.F. LETTER INDICATES OUTLET TO BE CONTROLLED. 48" A.F.F
-  EXISTIN DUPLEX GROUNDING CONV. RECEPTACLE 15 AMPS. 125 VOLTS. 4 INCH SQ. BOX WITH RAISER COVER CAT. NO. 770 RACO OR SIMILAR 18" A.F.F
-  EXSTNG CEILING FAN
-  EXISTING RECESSED CEILING LIGHT
-  EXISTING LIGHT PANEL
-  EXISTING MAIN DISTRIBUTION PANEL
-  EXISTING UTILITY METER



2 BUILDING "A" ELECTRICAL POWER PLAN
SCALE: 1/4" = 1' - 0"

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS				
REV.	DATE	DESCRIPTION	BY	CHK'D
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CERTIFICATION
I, WILLIAM MELENDEZ RIVAS, LIC. 16383, CERTIFY THAT I AM THE PROFESSIONAL WHO [MADE, DESIGNED OR PREPARED] THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS AND THE APPLICABLE PROVISIONS OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES, REGULATORY BOARDS OR PUBLIC CORPORATIONS WITH JURISDICTION. I FURTHER CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE PROVISIONS OF LAW 14-2004, AS AMENDED, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE (LAW NO. 339 OF MAY 15, 1938, AS AMENDED; ACT NO. 96 OF JULY 6, 1978, AS AMENDED; AS APPLICABLE). I ACKNOWLEDGE THAT ANY FALSE STATEMENT OR MISREPRESENTATION OF FACTS THAT HAS BEEN PRODUCED BY IGNORANCE OR NEGLIGENCE EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHERS WITH MY KNOWLEDGE, MAKES ME RESPONSIBLE FOR ANY JUDICIAL AND DISCIPLINARY ACTION BY THE ODEP.

IPG INGENIUM
PROFESSIONAL GROUP

654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 938-5800 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

TITLE

BUILDING A_EXISTING
ELECTRICAL SYSTEM

DRAWING No.

AS201

PAGE: 7 / 65

PROJECT ADDRESS

CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER

FAJARDO MUNICIPALITY

REGISTER No.

1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV. DATE DESCRIPTION BY CHK'D

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CERTIFICATION

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654 Ave. Muñoz Rivera - Suite 1638
654 Plaza, San Juan, PR 00738
Tel: (787) 798-5890 / 5891
Email: info@ingeniumgroup.com

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

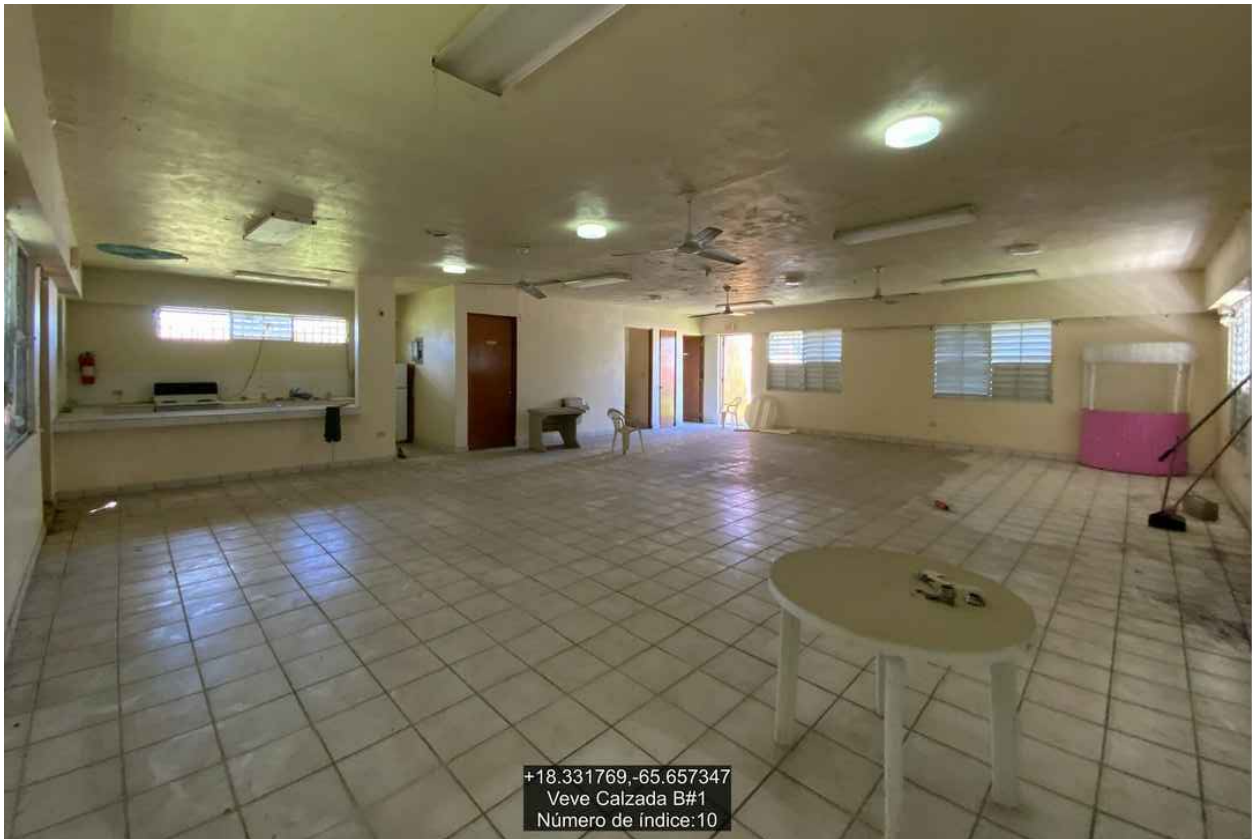
Progress Print:

TITLE

BUILDING A_PHOTO
DOCUMENTATION

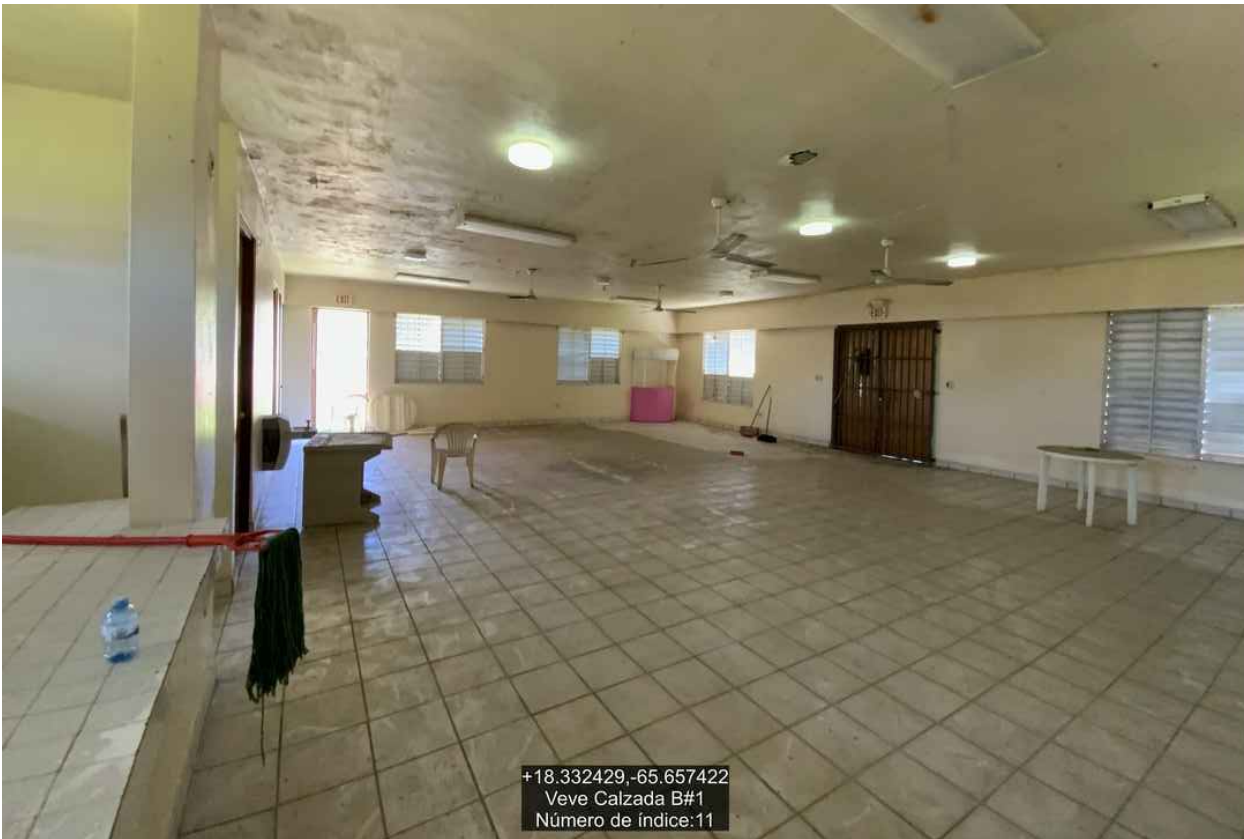
DRAWING No.

AS202



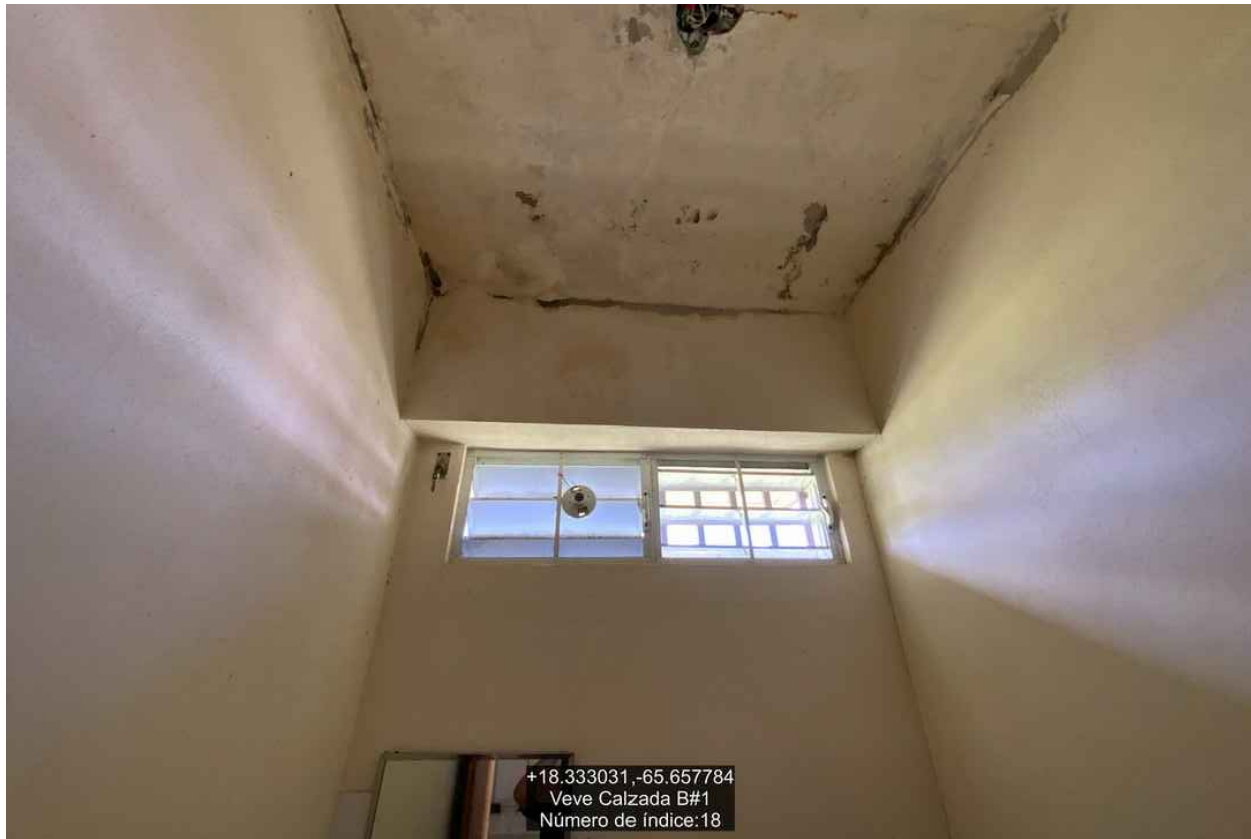
+18.331769,-65.657347
Veva Calzada BPH
Número de índice:10

01 | FOR MORE LOCATION DETAILS SEE AS200



+18.332429,-65.657422
Veva Calzada BPH
Número de índice:11

02 | FOR MORE LOCATION DETAILS SEE AS200



+18.333031,-65.657784
Veva Calzada BPH
Número de índice:18

03 | FOR MORE LOCATION DETAILS SEE AS200



+18.333031,-65.657784
Veva Calzada BPH
Número de índice:19

04 | FOR MORE LOCATION DETAILS SEE AS200



+18.333050,-65.657814
Veva Calzada BPH
Número de índice:21

05 | FOR MORE LOCATION DETAILS SEE AS200



+18.333050,-65.657814
Veva Calzada BPH
Número de índice:22

06 | FOR MORE LOCATION DETAILS SEE AS200



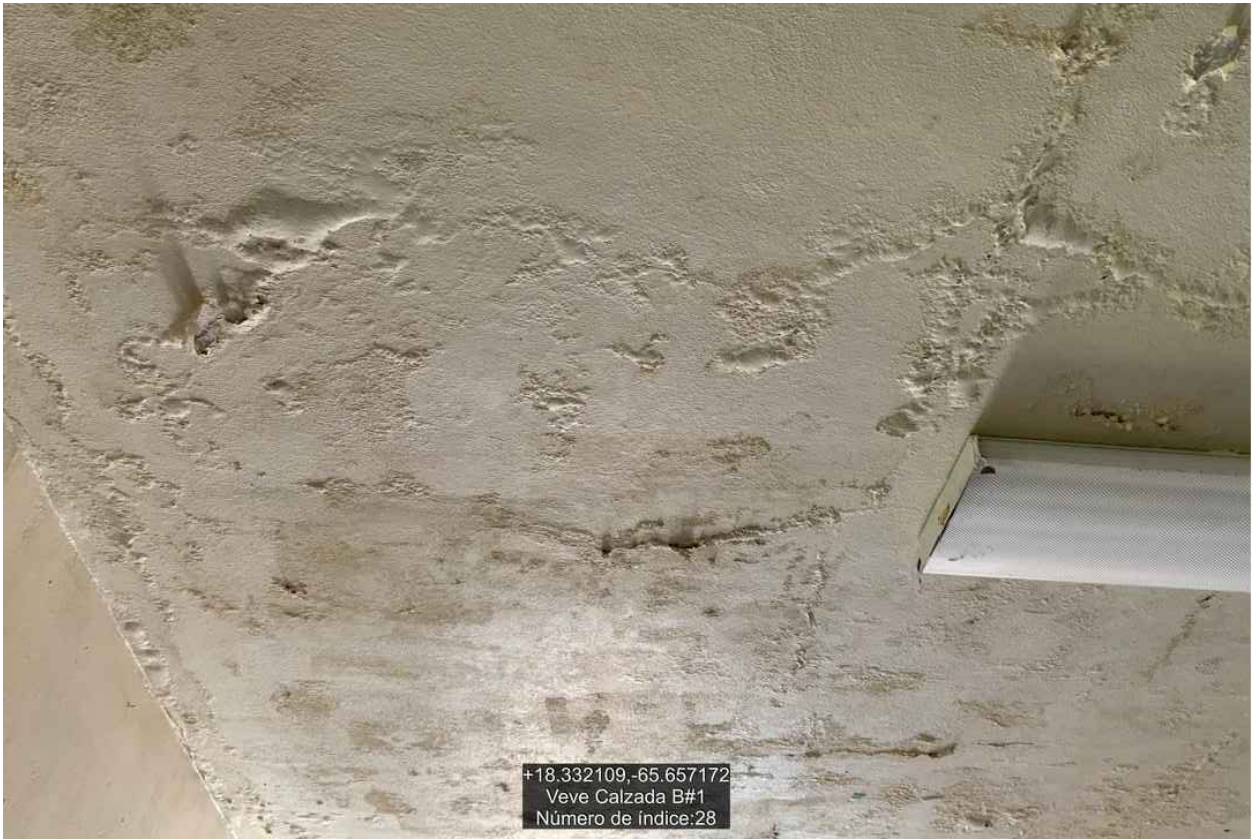
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Veva Calzada BPH
Número de índice:24

07 | FOR MORE LOCATION DETAILS SEE AS200



+18.332888,-65.657604
Veva Calzada BPH
Número de índice:27

08 | FOR MORE LOCATION DETAILS SEE AS200



+18.332109,-65.657172
Veva Calzada BPH
Número de índice:28

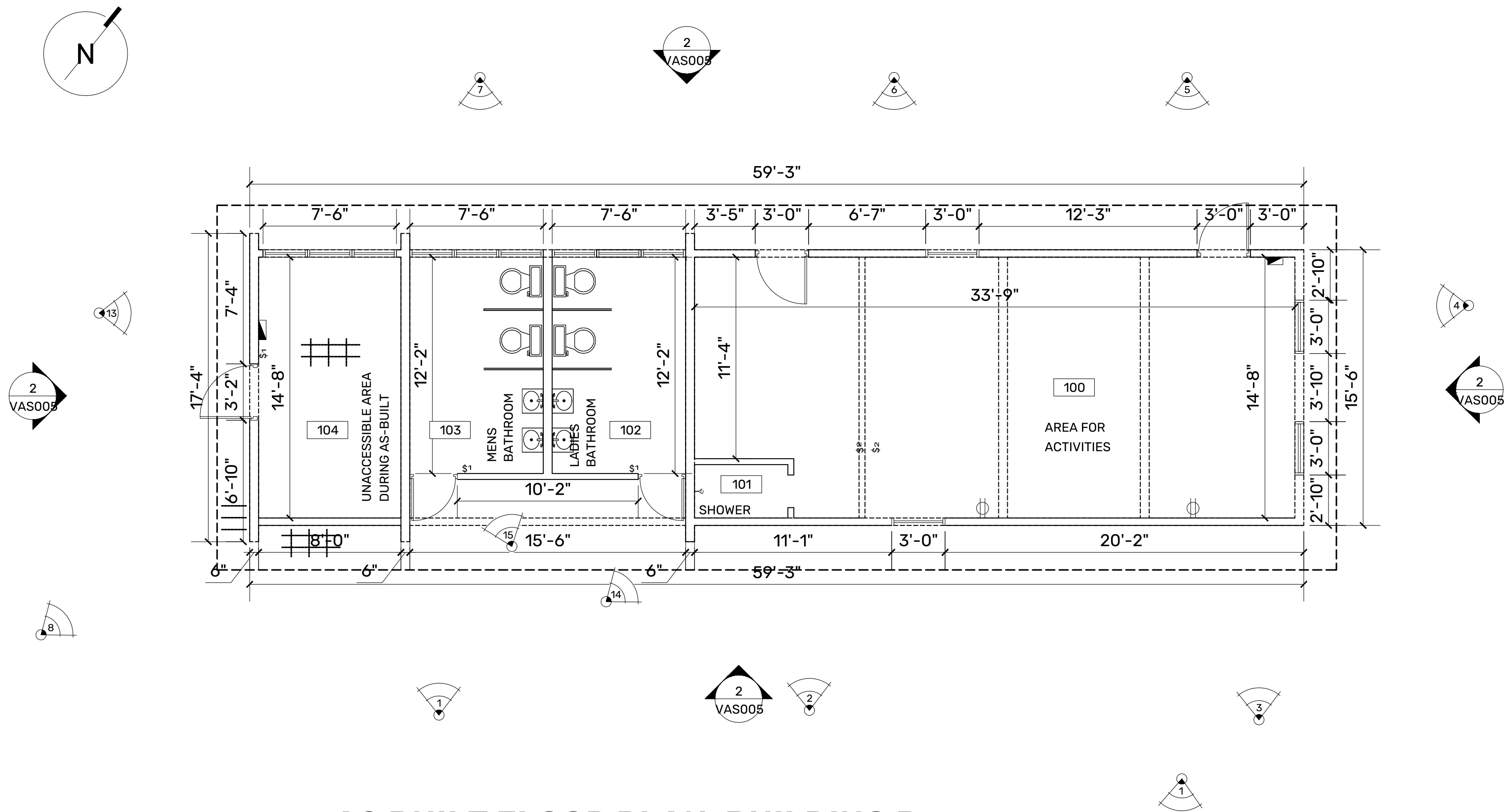
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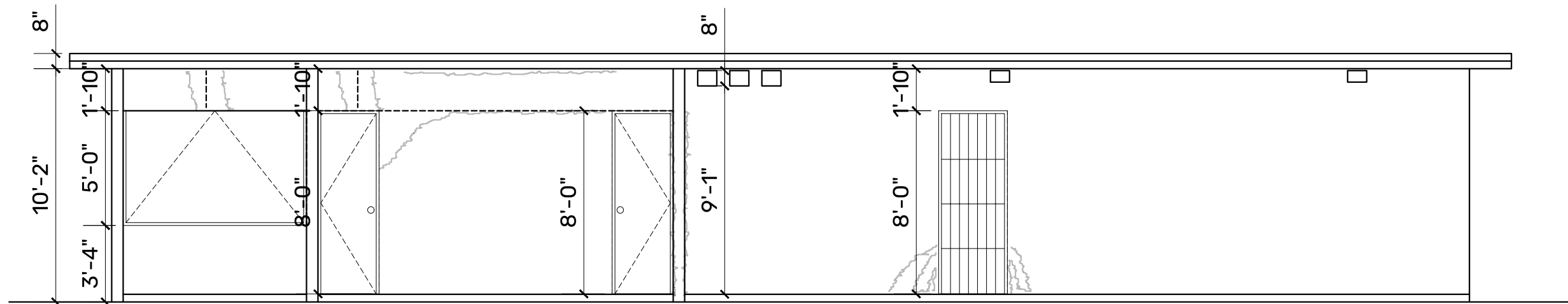
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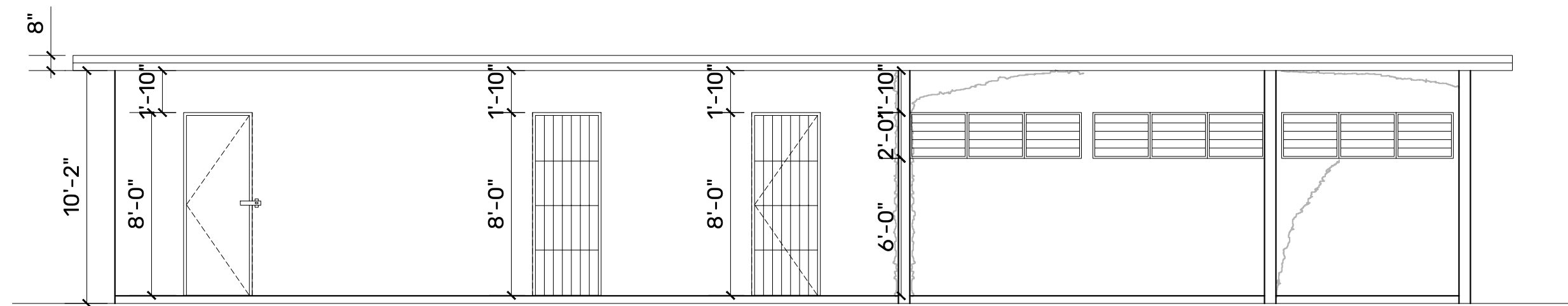
11 | FOR MORE LOCATION DETAILS SEE AS200



1 AS BUILT FLOOR PLAN. BUILDING B
SCALE: 3/16" = 1' - 0"



2 SOUTH WEAST ELEVATION AS BUILT
SCALE: 3/16" = 1' - 0"

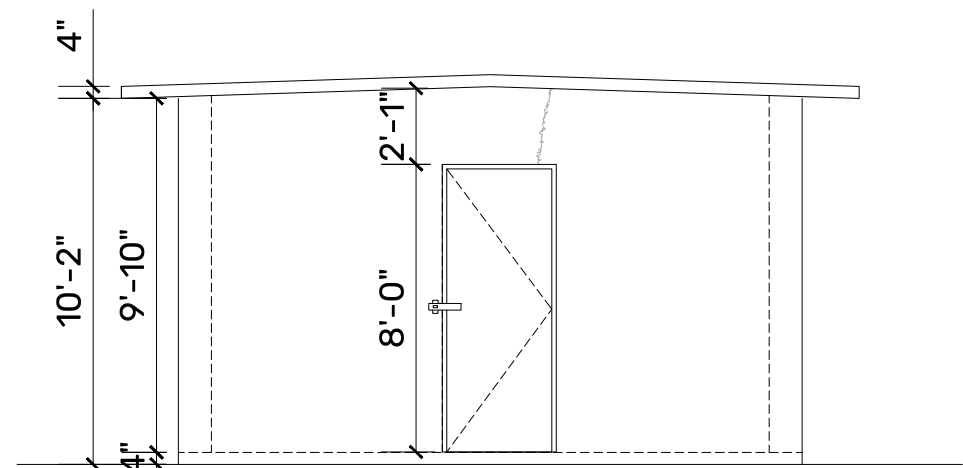


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SCALE: 3/16" = 1' - 0"

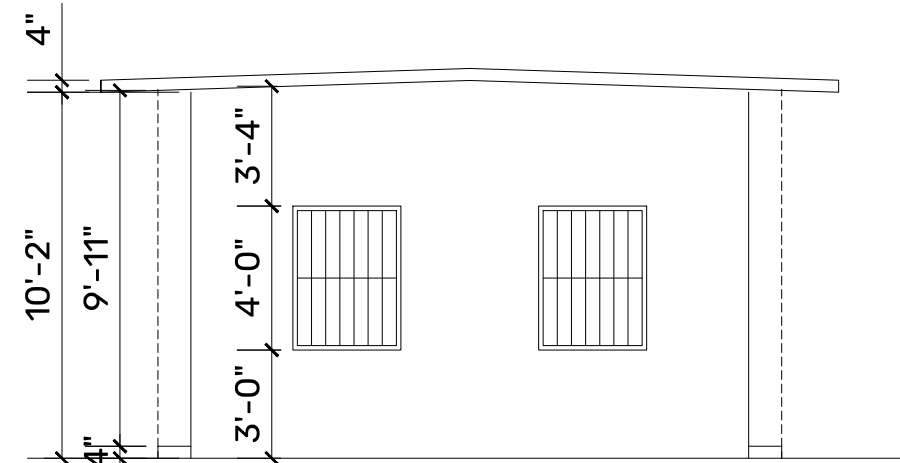


PROGRAM AREAS

NUMBER	SPACE	AREA
100	AREA FOR ACTIVITIES	476.02 SQ. FT.
101	SHOWER	15.74 SQ. FT.
102	WOMEN'S BATHROOM	91.20 SQ. FT.
103	MEN'S BATHROOM	91.20 SQ. FT.
104	OPEN SPACE	117.28 SQ. FT.



3 SOUTH EAST ELEVATION AS BUILT
SCALE: 3/16" = 1' - 0"



5 SOUTH EAST ELEVATION AS BUILT
SCALE: 3/16" = 1' - 0"

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REV.	DATE	DESCRIPTION	BY	CHK'D
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IMPORTANT NOTES TO THE CONTRACTOR:

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IPG INGENIUM
PROFESSIONAL GROUP

654 Ave. Muñoz Rivera - Suite 1938
654 Plaza, San Juan, PR 00738
Tel: (787) 718-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
Progress Print:

TITLE

EXISTING
CONDITIONS_BUILDING
B_BLOW UP

DRAWING No.

AS300

PROJECT ADDRESS

CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER

FAJARDO MUNICIPALITY

REGISTER No.

1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV	DATE	DESCRIPTION	BY	CHK'D
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654 Ave. Muñoz Rivera - Suite 1938
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Tel: (787) 719-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

TITLE

BUILDING B_PHOTO
DOCUMENTATION

DRAWING No.

AS301

PAGE: 10 / 65



01 | FOR MORE LOCATION DETAILS SEE AS300



02 | FOR MORE LOCATION DETAILS SEE AS300



03 | FOR MORE LOCATION DETAILS SEE AS300



04 | FOR MORE LOCATION DETAILS SEE AS300



05 | FOR MORE LOCATION DETAILS SEE AS300



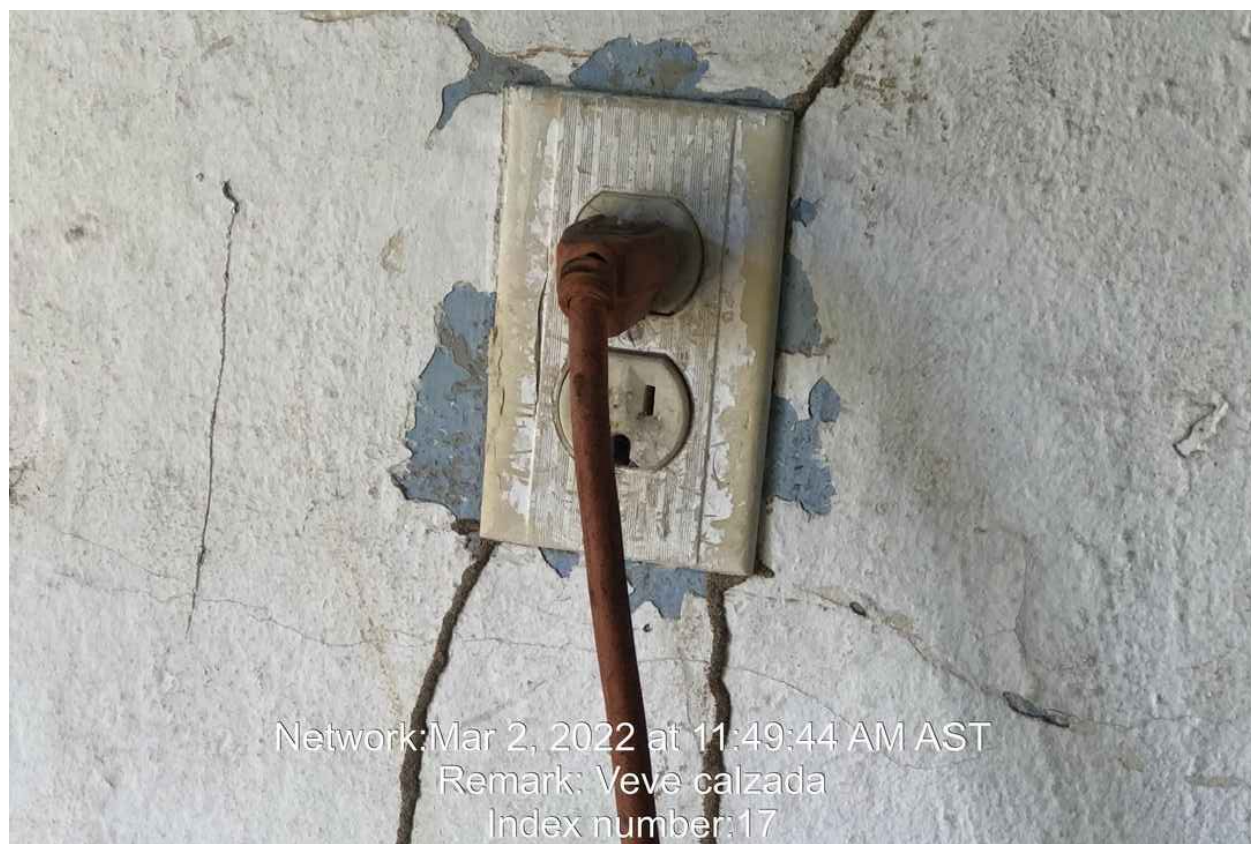
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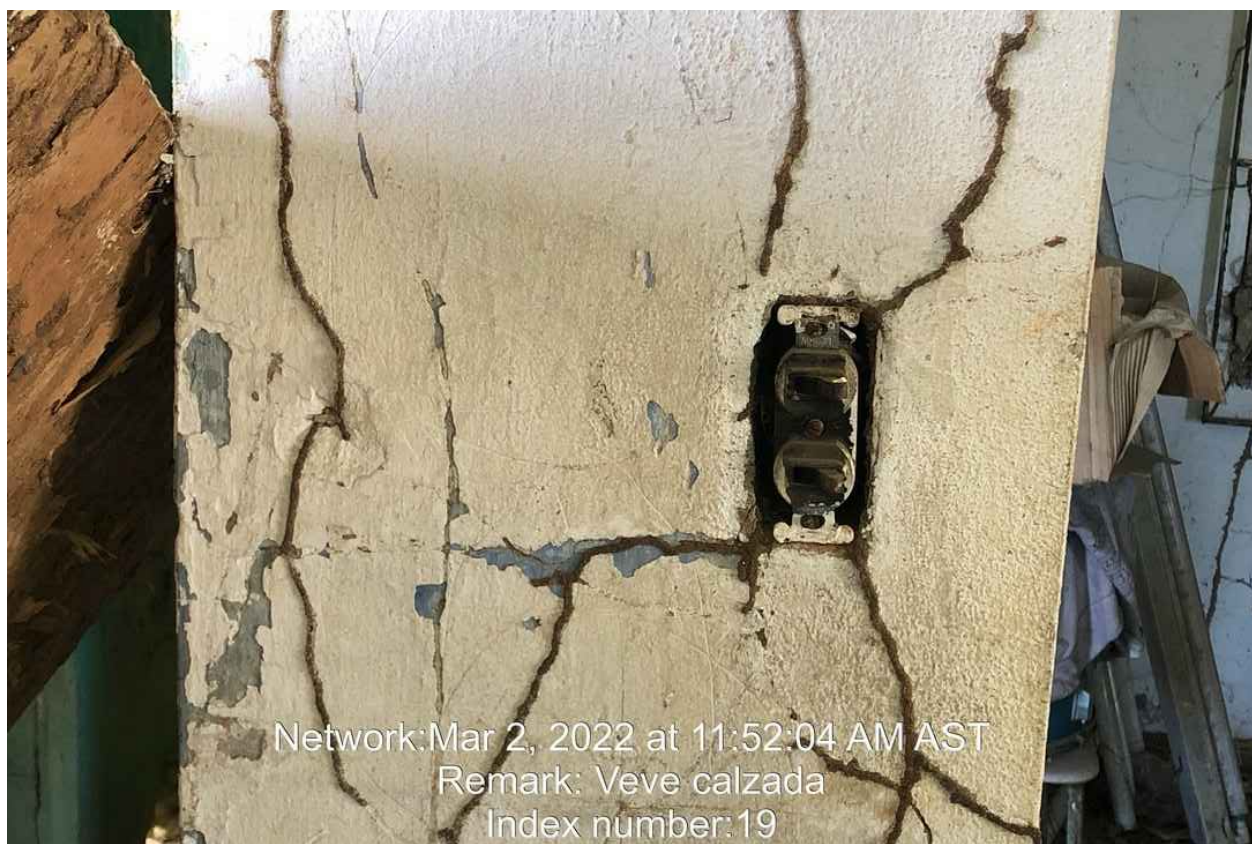
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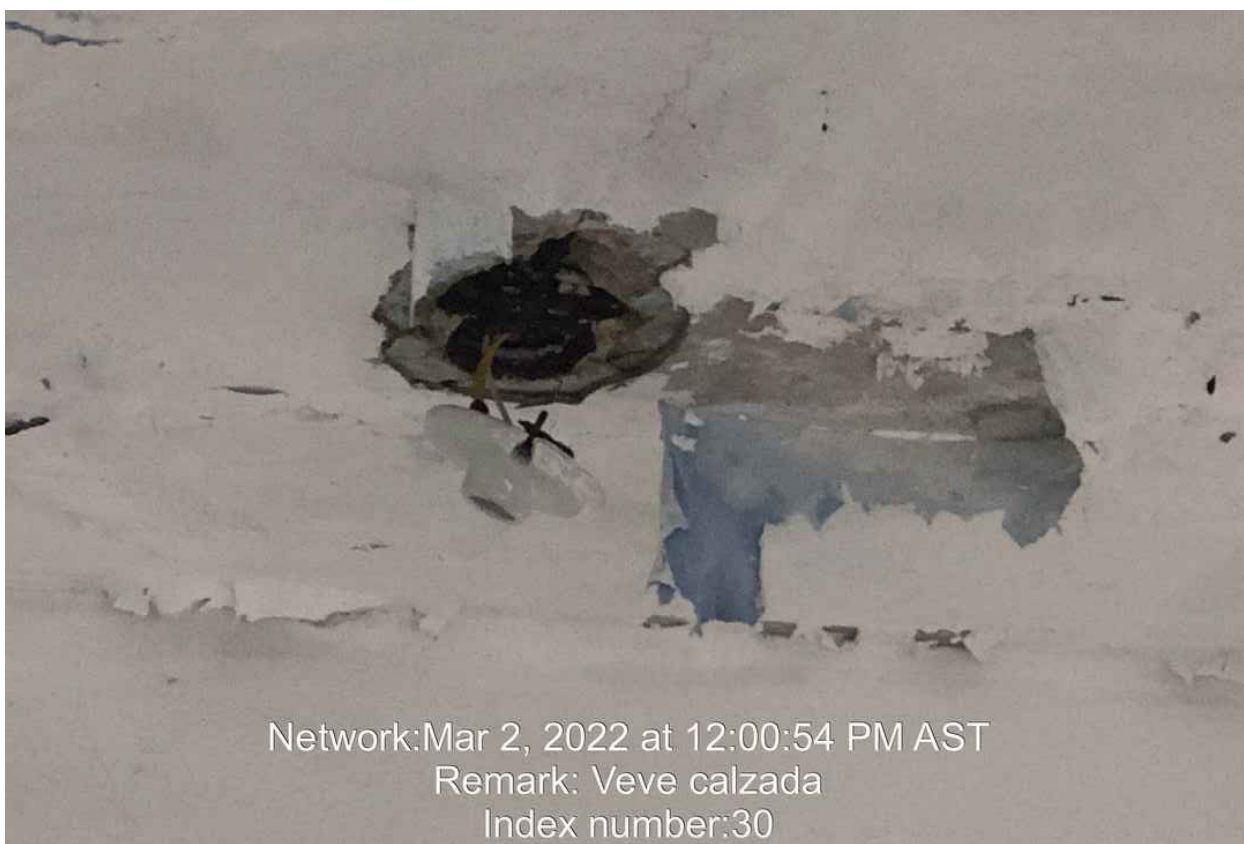
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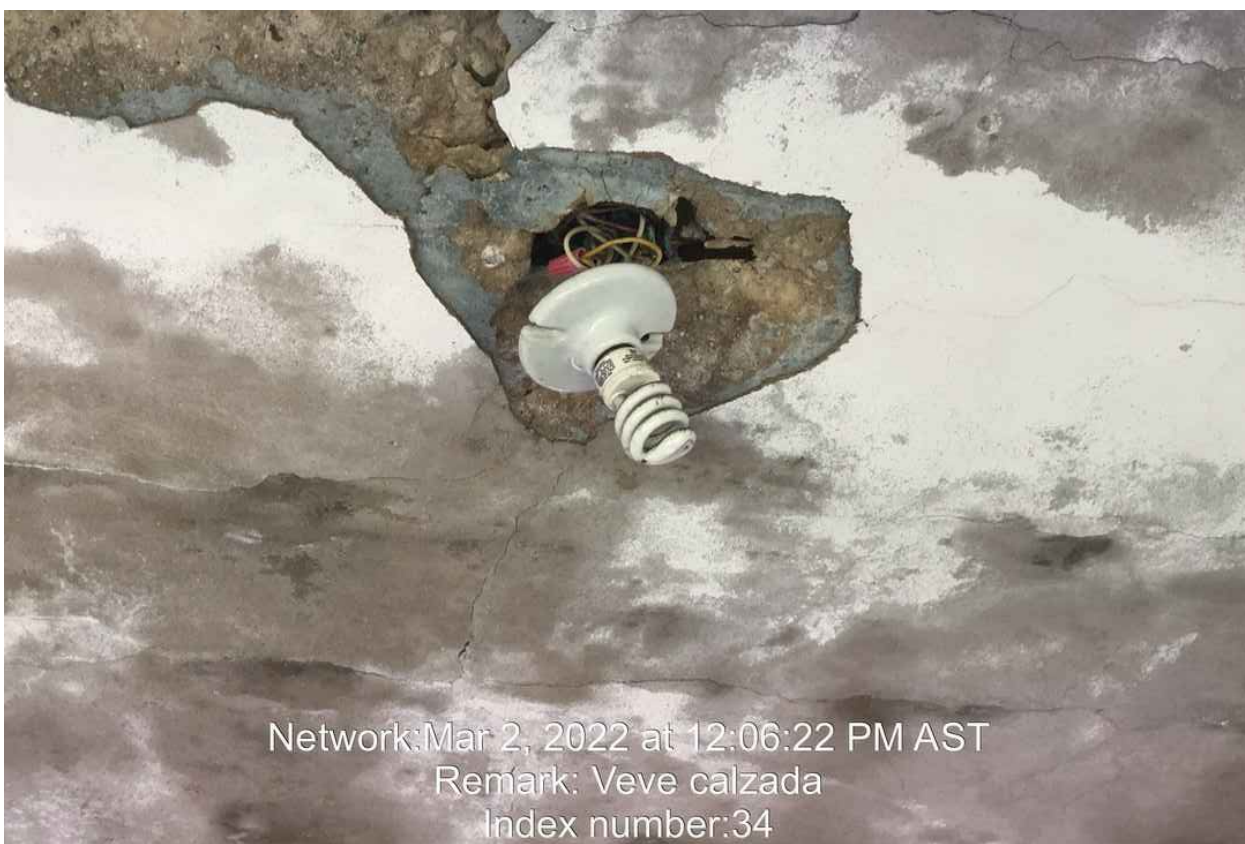
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10 | FOR MORE LOCATION DETAILS SEE AS300



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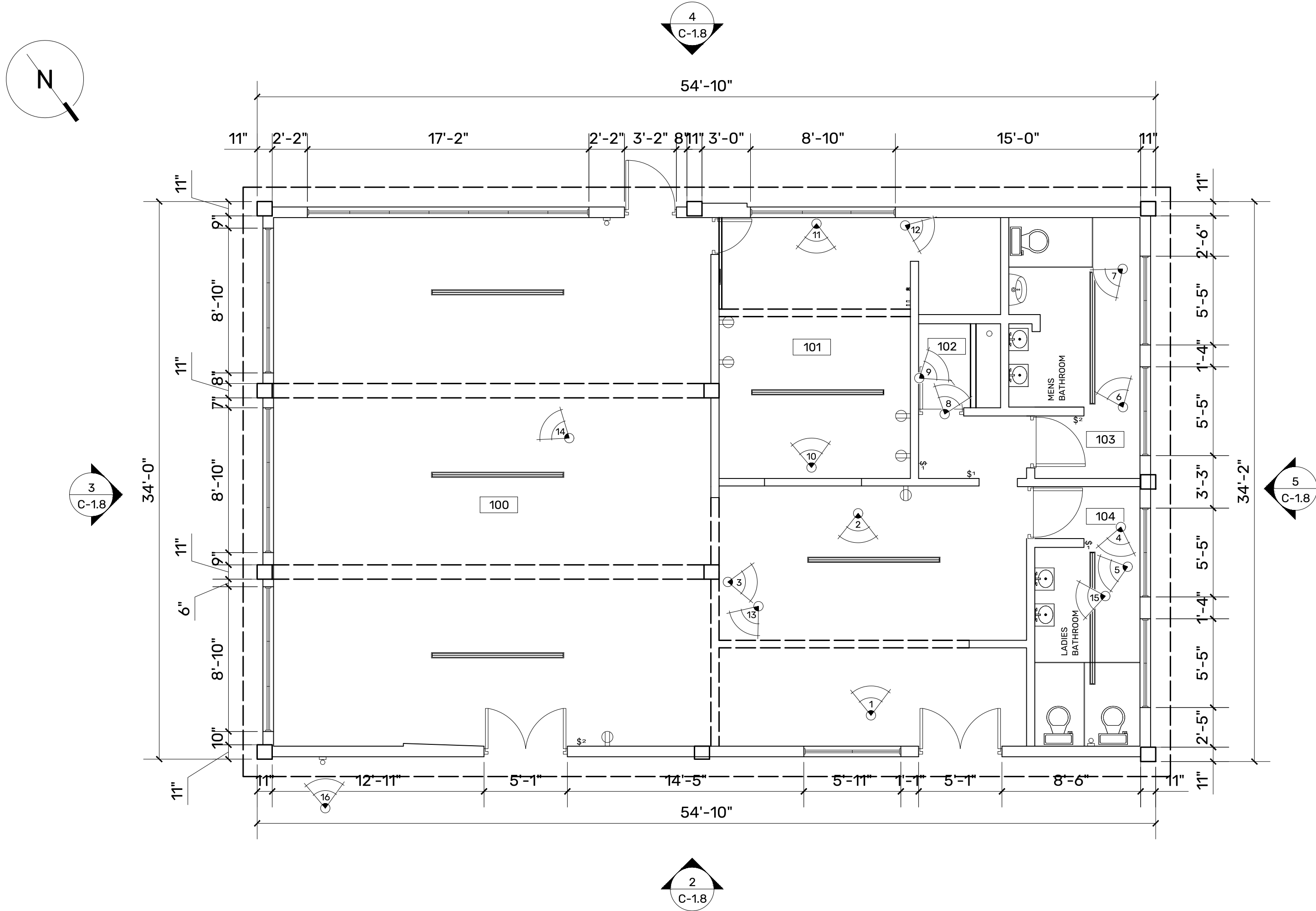
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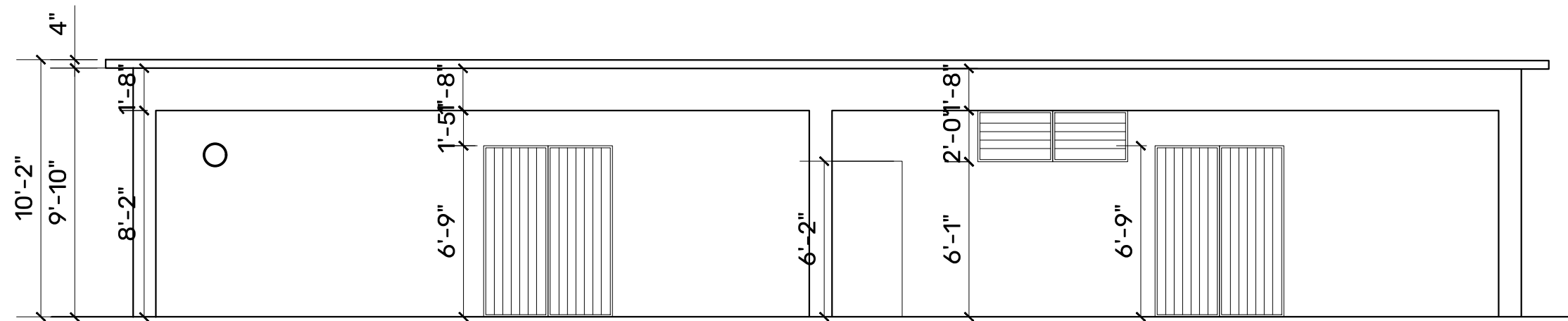
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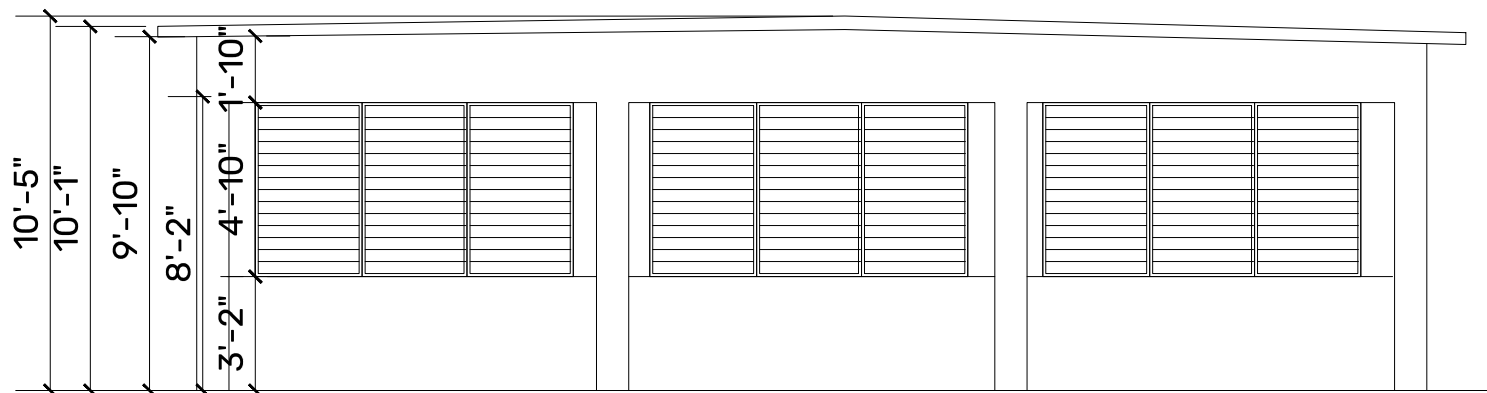
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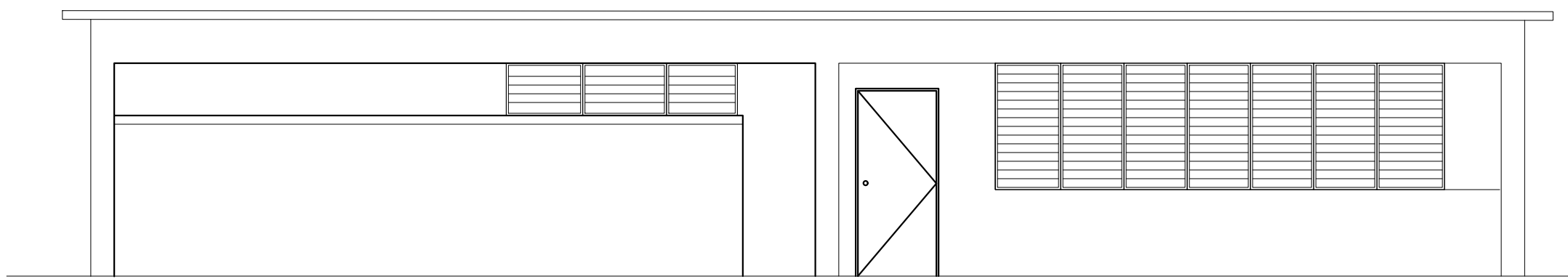
1 FLOOR PLAN AS BUILT. BUILDING C
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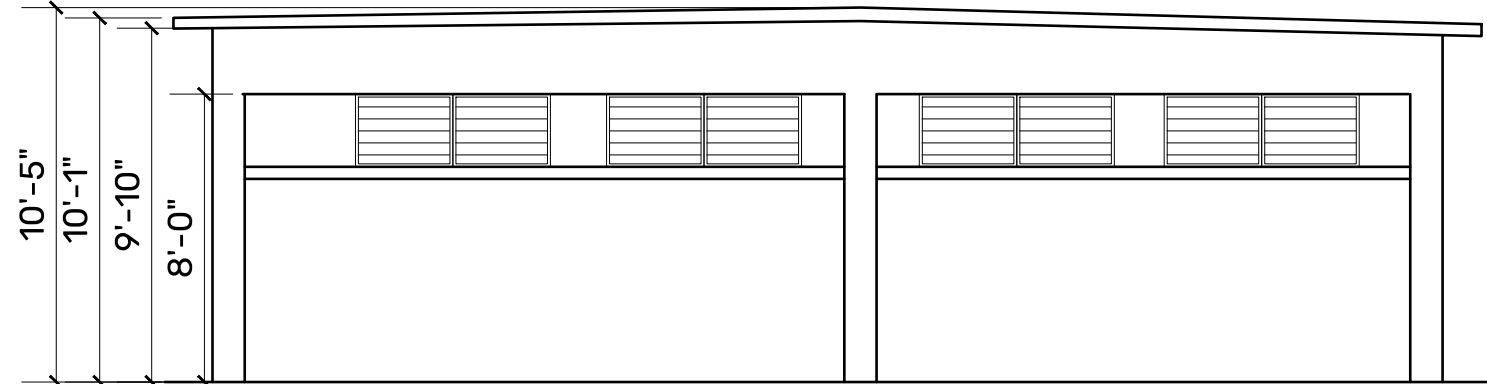
2 NORTH EAST ELEVATION AS BUILT
SCALE: 3/16" = 1' - 0"



3 SOUTH EAST ELEVATION AS BUILT
SCALE: 3/16" = 1' - 0"



4 SOUTH WEAST ELEVATION AS BUILT
SCALE: 3/16" = 1' - 0"



5 NORTH WEAST ELEVATION AS BUILT
SCALE: 3/16" = 1' - 0"



PROGRAM AREAS

NUMBER	SPACE	AREA
100	GYM AREA 1	1164.40 SQ. FT.
101	GYM AREA 2	216.91 SQ. FT.
102	STORAGE	25.72 SQ. FT.
103	MEN'S BATHROOM	118.65 SQ. FT.
104	WOMEN'S BATHROOM	100.10 SQ. FT.

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV.	DATE	DESCRIPTION	BY	CHK'D
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IPG INGENIUM
PROFESSIONAL GROUP

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654 Plaza, San Juan, PR 00738
Tel: (787) 718-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

TITLE

EXISTING
CONDITIONS_BUILDING
C_BLOW UP

DRAWING No.

AS400

PAGE: 11/65



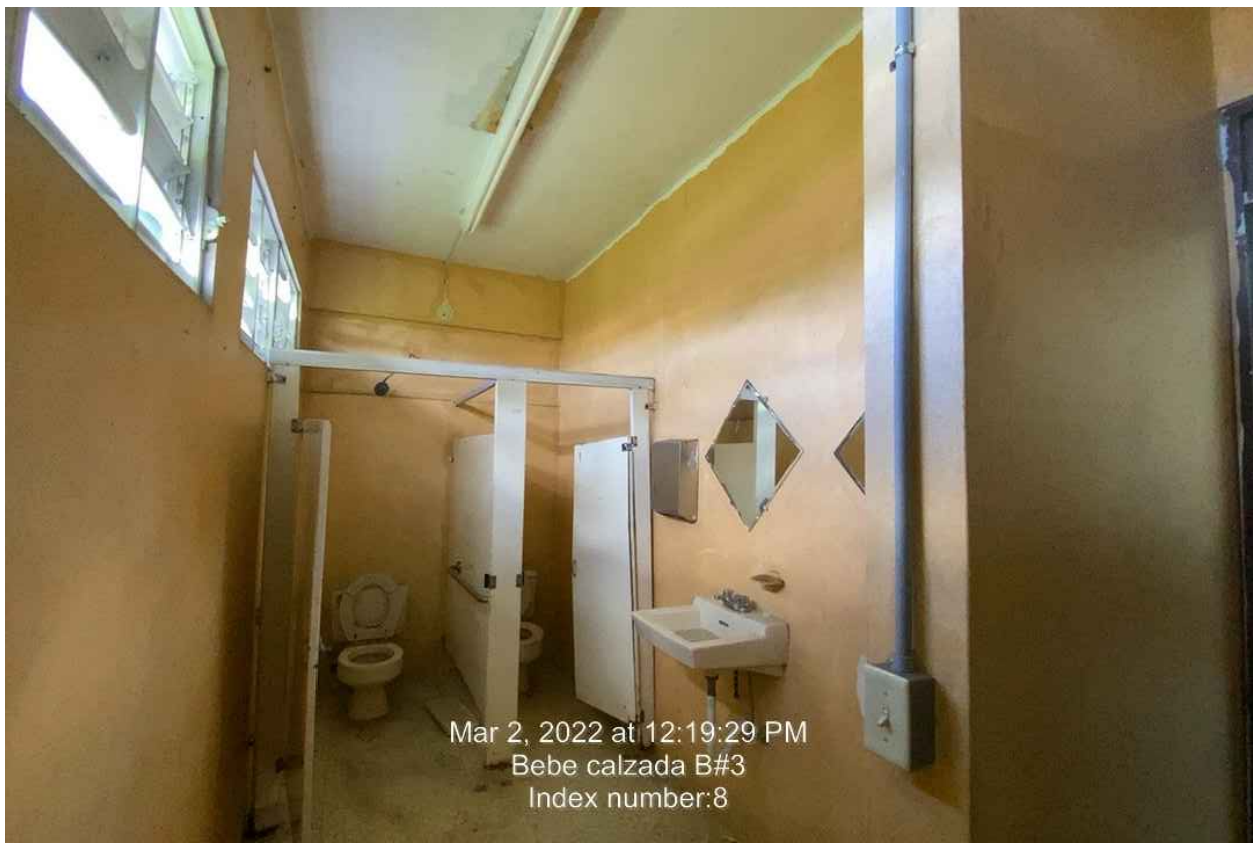
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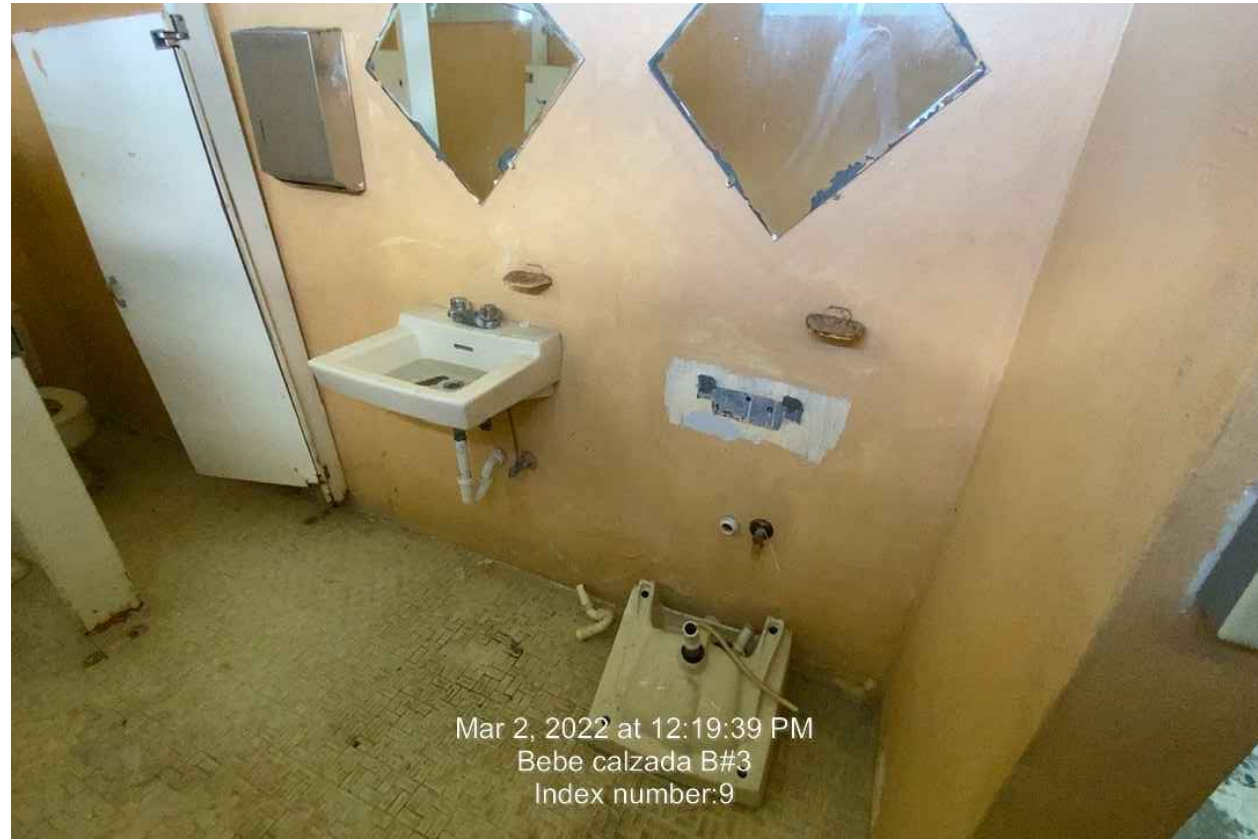
02 | FOR MORE LOCATION DETAILS SEE AS400



03 | FOR MORE LOCATION DETAILS SEE AS400



04 | FOR MORE LOCATION DETAILS SEE AS400



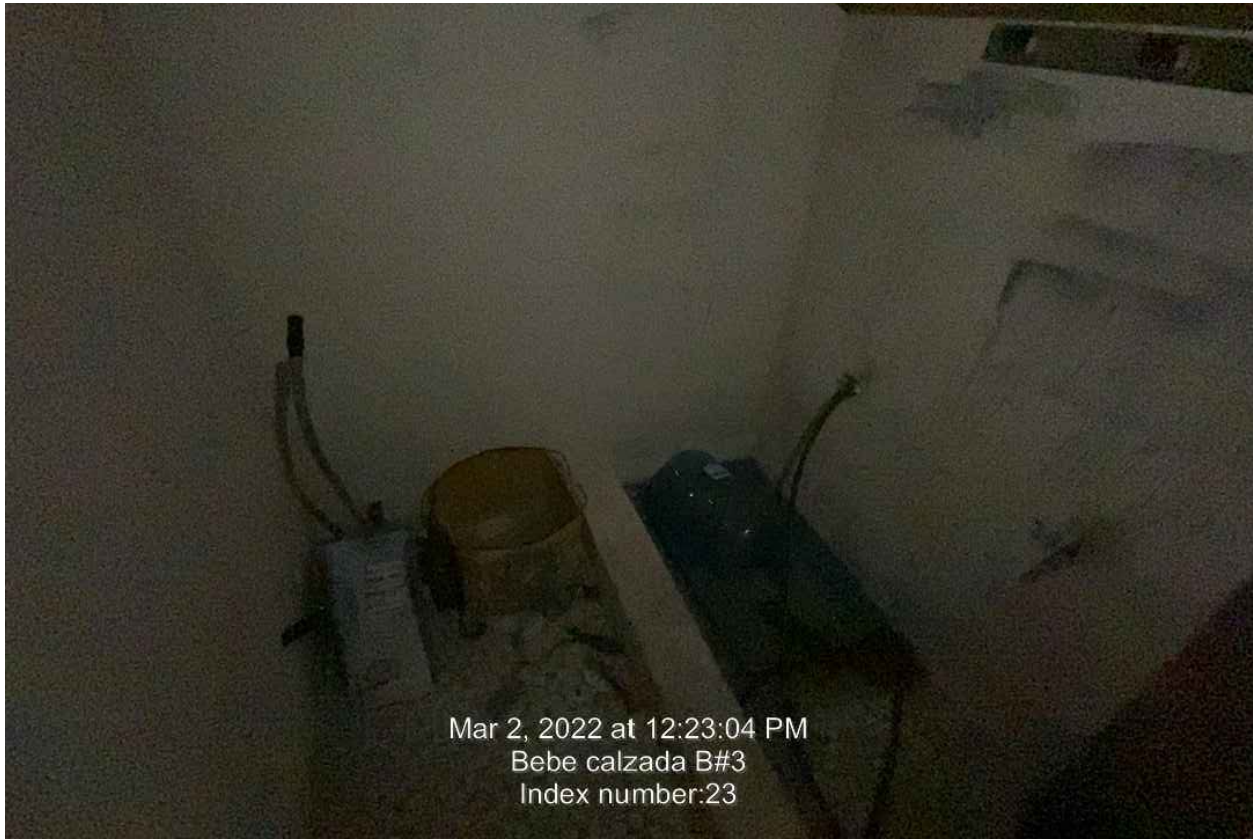
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06 | FOR MORE LOCATION DETAILS SEE AS400



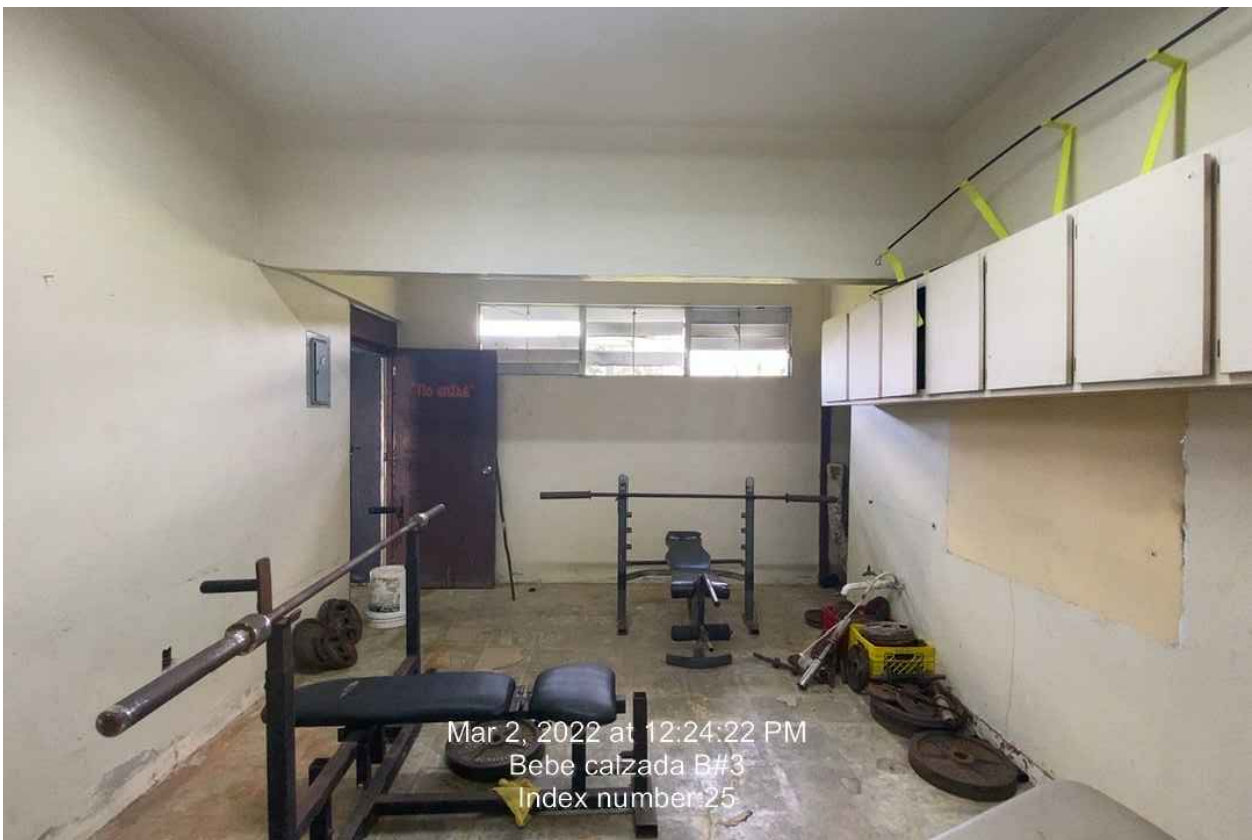
07 | FOR MORE LOCATION DETAILS SEE AS400



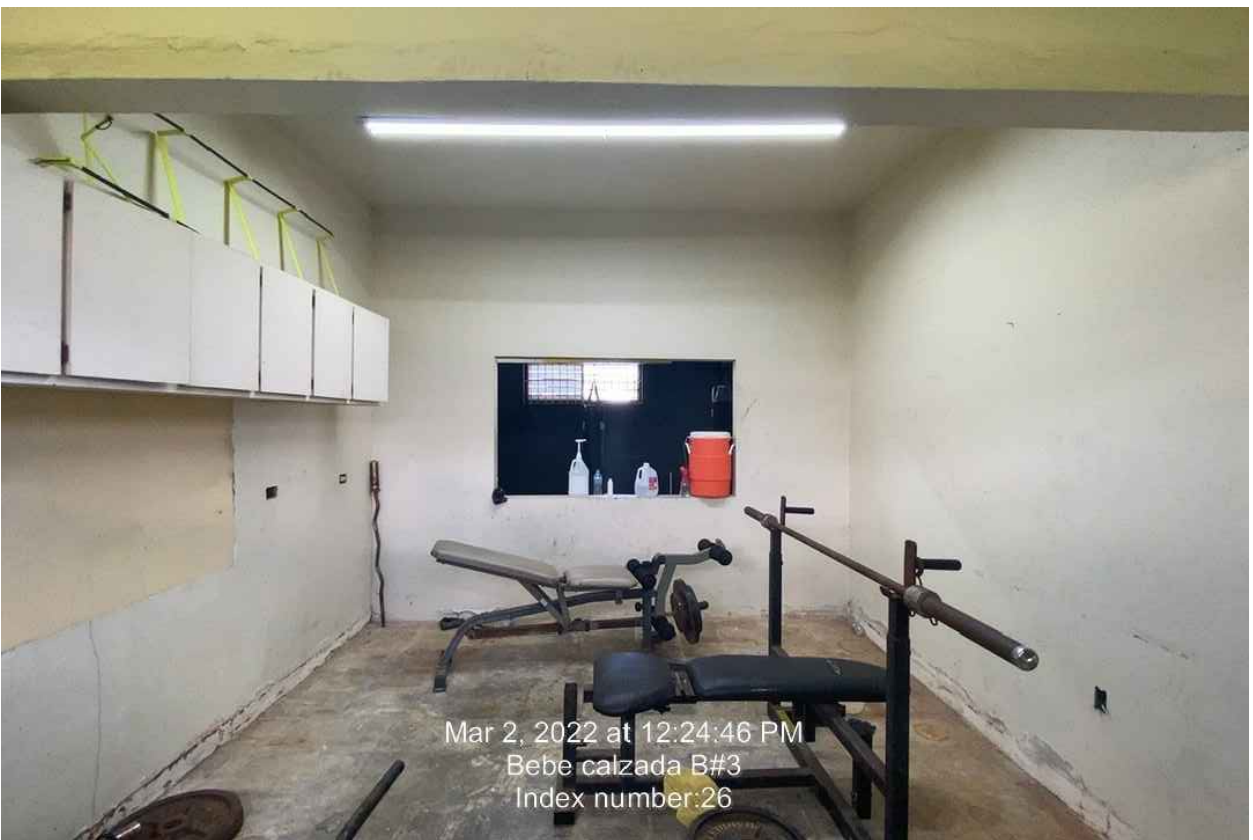
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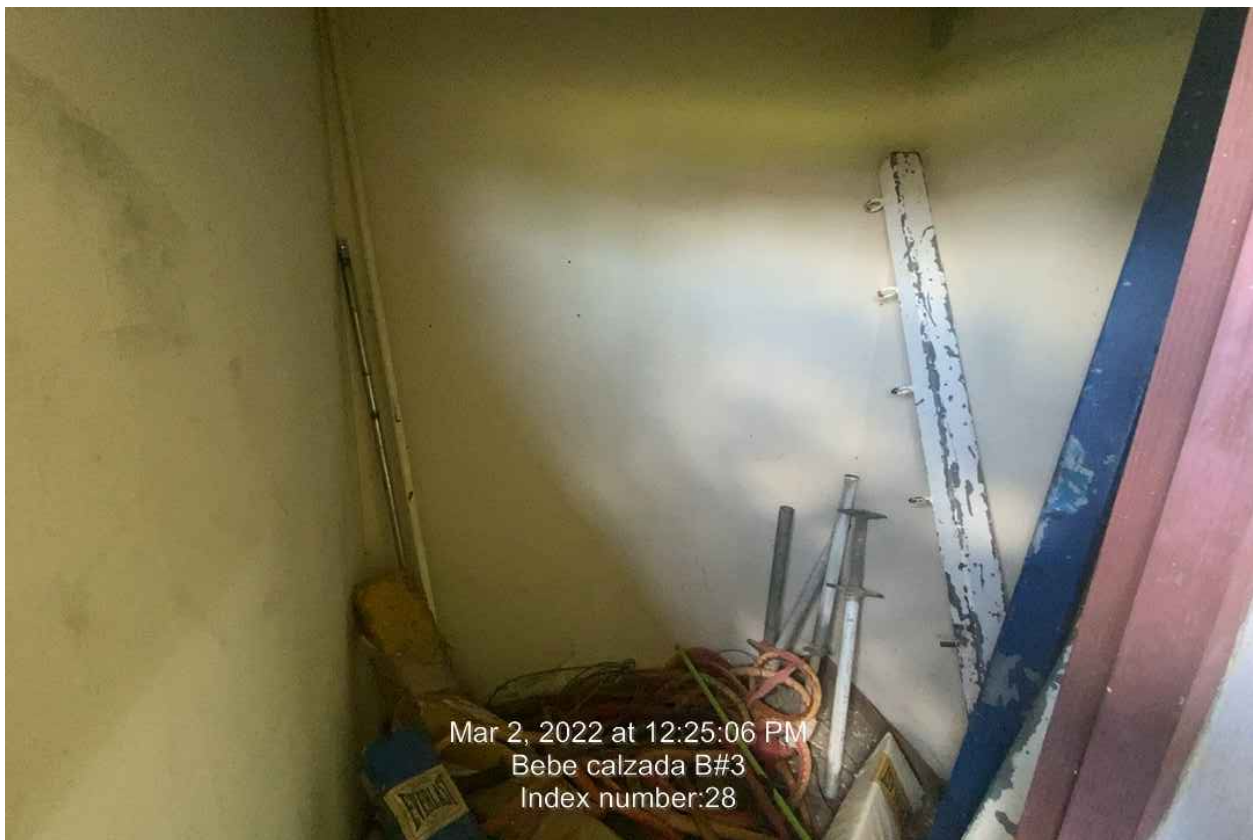
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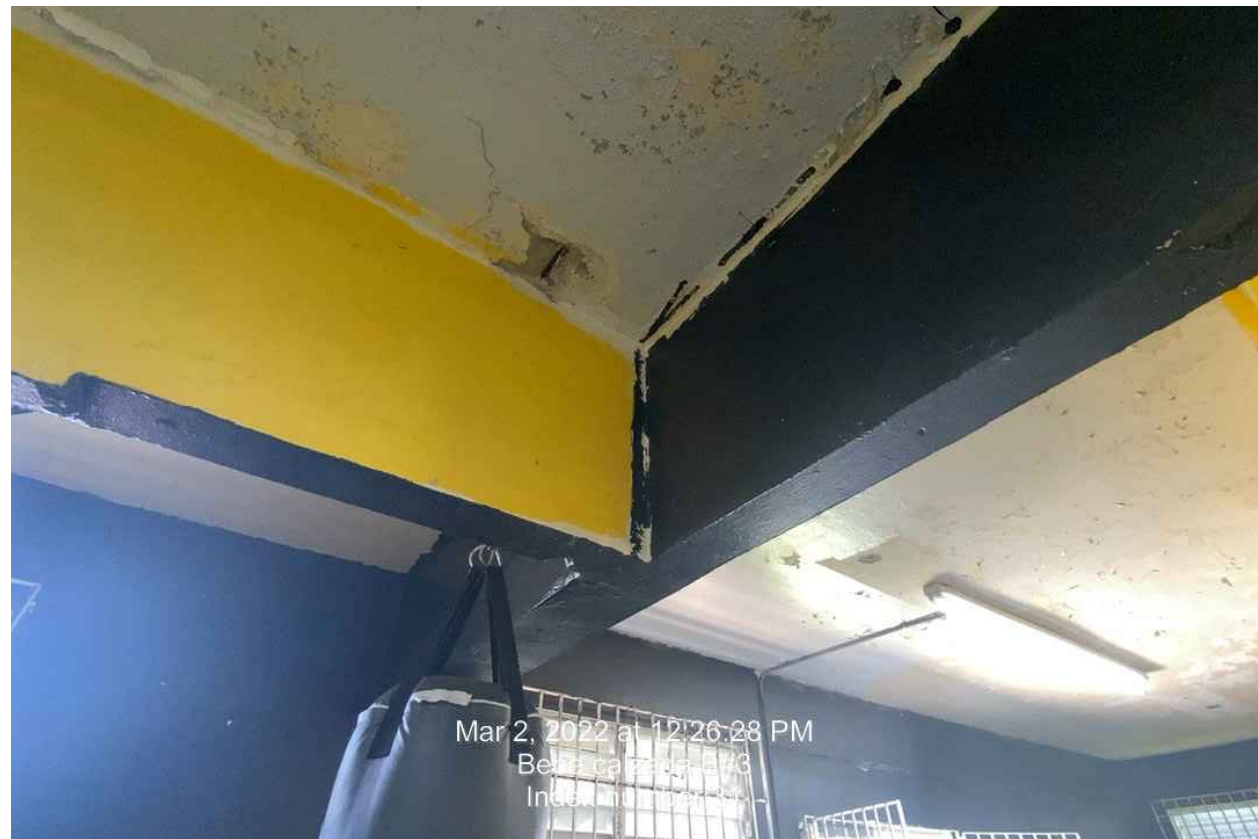
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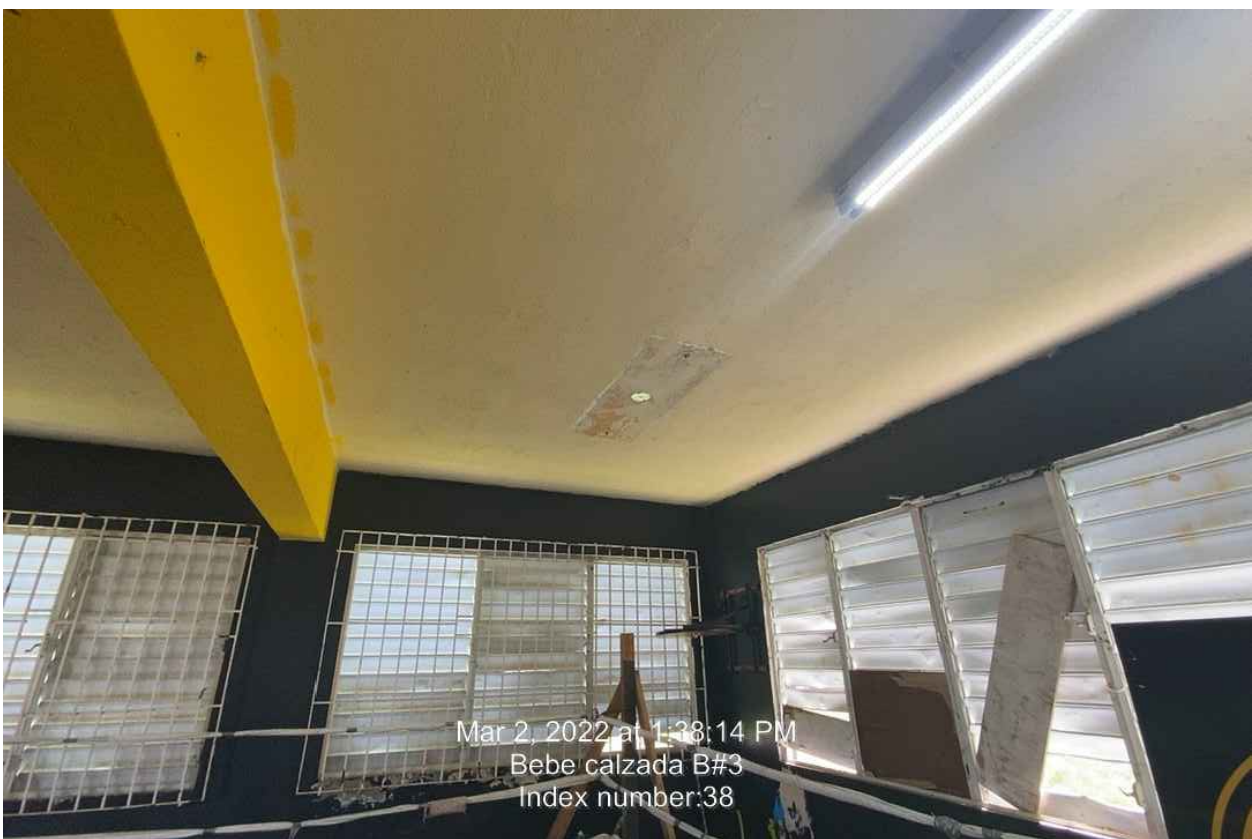
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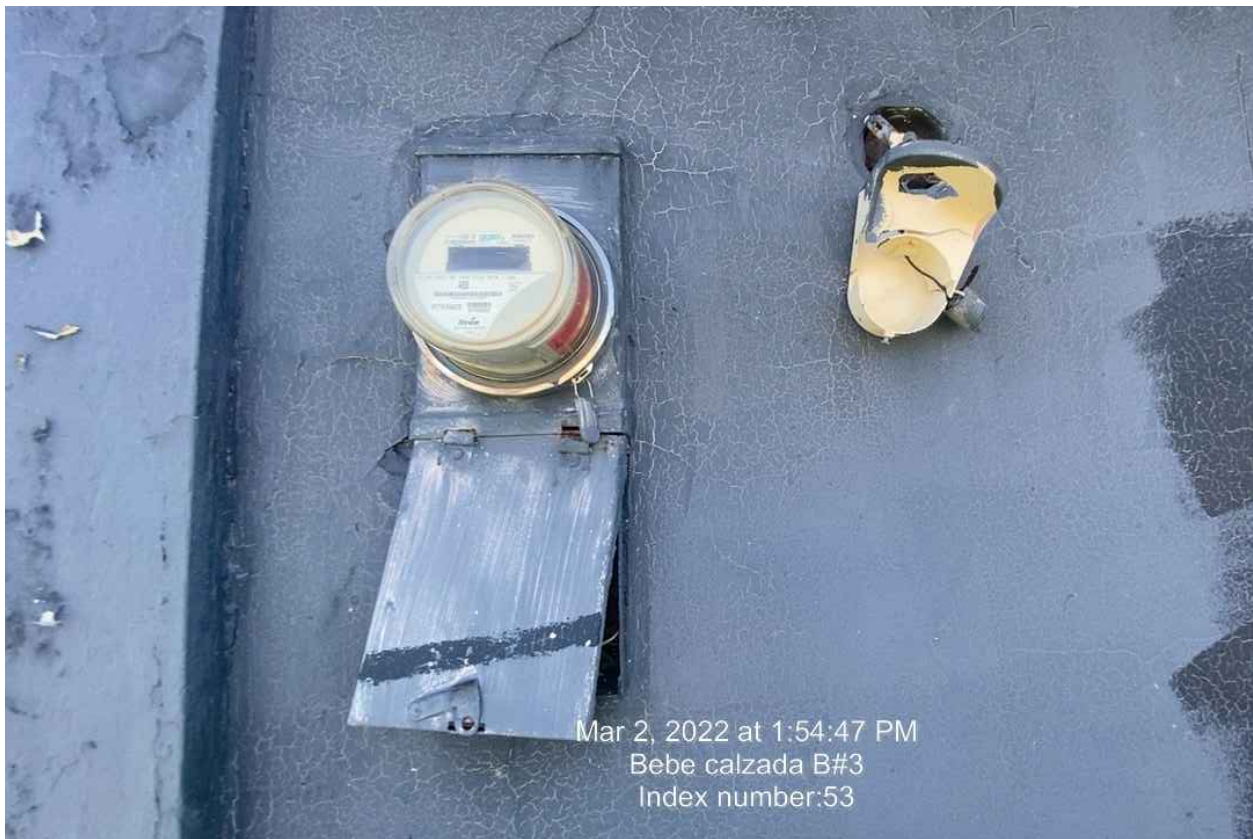
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16 | FOR MORE LOCATION DETAILS SEE AS400

PROJECT ADDRESS

CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER

FAJARDO MUNICIPALITY

REGISTER No.

1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV. DATE DESCRIPTION BY CHK'D

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IMPORTANT NOTES TO THE CONTRACTOR:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE PROCEEDING WITH WORK. IF ANY DISCREPANCIES, ERRORS OR OMISSIONS SHOULD BE ENCOUNTERED ON PLANS, CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE ANY PART OF THE WORK IS STARTED SO THAT PROPER CORRECTIONS ARE MADE. IF ENGINEER IS NOT NOTIFIED PRIOR TO COMMENCING OF THE WORK, ALL DESIGNS AND DRAWINGS, HEREIN AND PRINTS ISSUED BY THE ENGINEER ARE THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REUSED ON ANY OTHER LOCATION EXCEPT THE ONE FOR WHICH THEY EXPRESSLY DESIGNED. IF THESE DRAWINGS OR ANY PART THEREOF IS REPRODUCED WITHOUT THE CONSENT OF THE ENGINEER, THE PERSON WHO IS DOING WILL BE INDEBTED TO THE ENGINEER FOR HIS FULL COMMISSION. CONTRACTOR SHALL NOT USE FOR CONSTRUCTION PURPOSES ANY DRAWINGS THAT WERE ADVANCE TO HIM PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL PLANS BEING USED BY CONTRACTOR SHOULD HAVE A LABEL SAYING "FOR CONSTRUCTION ONLY" SIGNED AND SEALED BY THE ENGINEER.

CERTIFICATION

I, WILLIAM MELENDEZ RIVAS, LIC. 16383, CERTIFY THAT I AM THE PROFESSIONAL WHO [MADE, DESIGNED OR PREPARED] THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS AND THE APPLICABLE PROVISIONS OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES, REGULATORY BOARDS OR PUBLIC CORPORATIONS WITH JURISDICTION. I FURTHER CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE PROVISIONS OF LAW 14-2004, AS AMENDED, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE LAW NO. 39 OF MAY 15, 1938, AS AMENDED; ACT NO. 96 OF JULY 6, 1978, AS AMENDED; AS APPLICABLE. I ACKNOWLEDGE THAT ANY FALSE STATEMENT OR MISREPRESENTATION OF FACTS THAT HAS BEEN PRODUCED BY IGNORANCE OR NEGLIGENCE, EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHERS WITH MY KNOWLEDGE, MAKES ME RESPONSIBLE FOR ANY JUDICIAL AND DISCIPLINARY ACTION BY THE DOPE.



654 Ave. Muñoz Rivera - Suite 1938
654 Plaza, San Juan, PR 00738
Tel: (787) 718-6990 / 6991
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

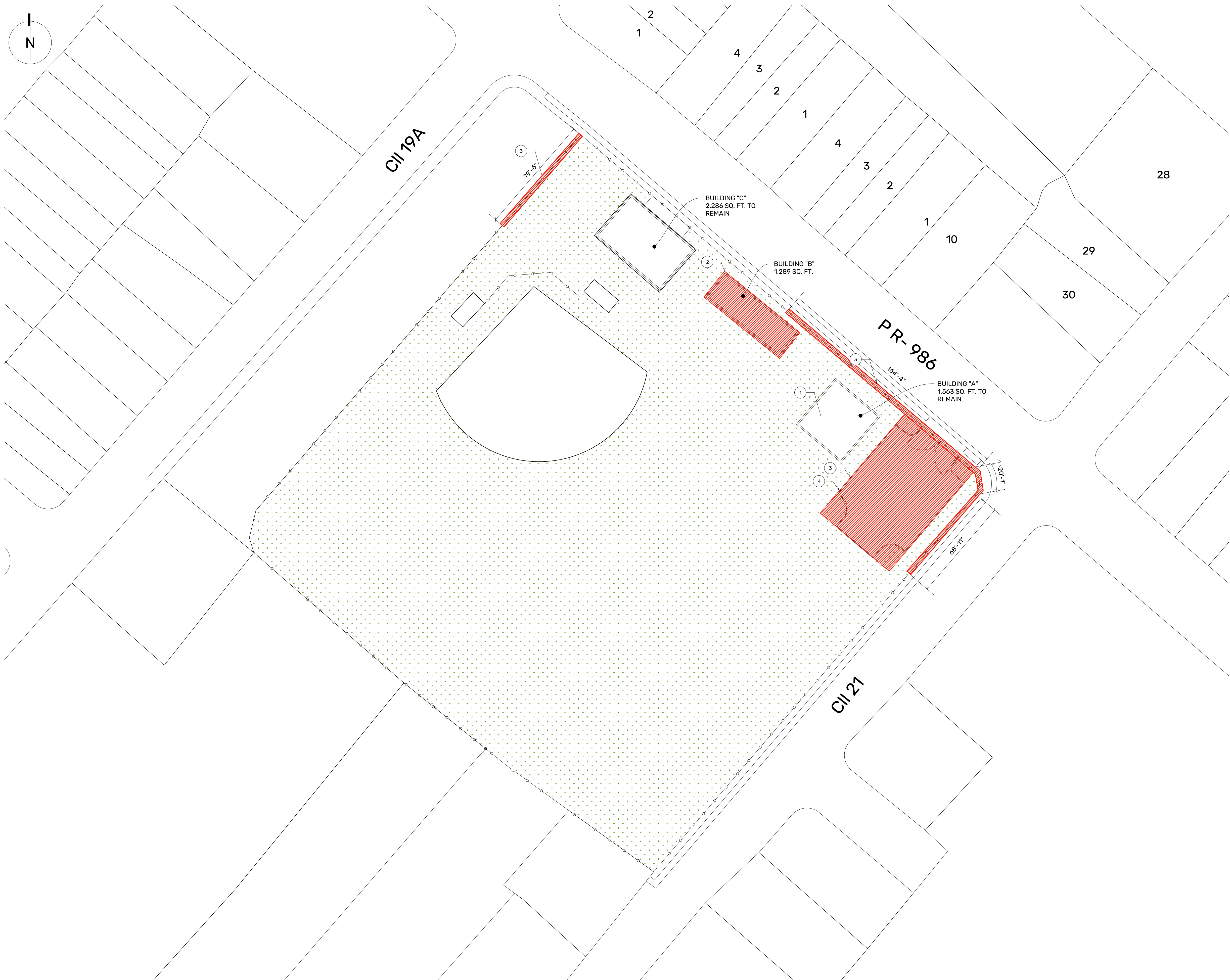
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DOCUMENTATION

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DEMOLITION & IMPROVEMENTS KEY NOTES:

- 1 IMPROVEMENTS TO BUILDING A, FOR MORE DETAILS SEE SHEET C101
- 2 DEMOLITION OF EXISTING BUILDING B. 68 CY APPROX.
- 3 DEMOLITION EXISTING PERIMETER FENCE - APPROX. 265' F.L. AND PROPOSAL CHAIN LINK FENCE. FOR MORE DETAILS SEE SHEET A700
- 4 SCARIFICATION OF 4" ASPHALT.
- 5 REMOVAL OF WHEEL STOPS AND GUTTER IN THE EXISTING PARKING LOT.

LEGEND:

 TO BE DEMOLISHED OR REMOVED

GENERAL DEMOLITIONS NOTES:

1. FOR WORK TO BE COMPLETED, WHEN DISPOSING OF DEBRIS INCLUDING BUT NOT LIMITED TO (FENCING, RETENTION WALLS, CONCRETE, ASPHALT, AC UNITS, LIGHT POLES, DEMOLITION [CASE BY CASE], NEW CONSTRUCTION [CASE BY CASE], AMONG OTHER ACTIVITIES) THE FOLLOWING SHOULD BE INCLUDED IN THE PROJECT DOCUMENTS: A. STAGING AREA (COORDINATES); B. TYPE OF MATERIAL; C. QUANTITY BY TYPE; D. FINAL DISPOSAL SITE (COORDINATES); E. THE PERMIT FOR THE FINAL DISPOSAL SITE.
2. THE STRUCTURES TO BE DEMOLISHED IN EACH PHASE CAN BE MODIFIED BY THE DESIGNER.
3. DAMAGES; PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITIONS OPERATIONS, AS DIRECTED BY THE ARCHITECT AND AT NO COST TO THE OWNER.
4. PARTIAL STRUCTURES DEMOLITION: DEMOLISH PARTS AS INDICATED AND REMOVE FROM THE SITE AS REQUIRED TO COMPLETE THE WORK.
5. REMOVE FROM SITE ALL DEBRIS, RUBBLE AND OTHER MATERIAL RESULTING FROM DEMOLITION. STORAGE OR SALE OF REMOVED MATERIALS WILL NOT BE ALLOWED ON SITE.
6. FREE VEHICULAR AND PEDESTRIAN TRANSIT CAN NOT BE OBSTRUCTED.
7. THE INFORMATION CONTAINED WITHIN THE DRAWINGS OF EXISTING CONDITIONS AND DEMOLITION REQUIRED, ARE INCLUDED AS A GENERAL GUIDE TO THE SCOPE OF WORK.
8. THIS INFORMATION IS NOT A DETAILED STUDY OF EXISTING CONDITIONS OR THE DEMOLITION. THE GENERAL CONTRACTOR SHALL MAKE USE OF THESE DRAWING AND INFORMATION AS A TOOL FOR WORKING TO ESTABLISH A WORK PLAN.
9. CONTRACTOR SHOULD MAKE A SELECTIVE DEMOLITION WORK AND FOLLOW ALL SUGGESTIONS AND STANDARDS OF THE GOVERNMENT REGULATIONS. CONTRACTOR SHOULD COORDINATE AND BE UP TO DATE WITH ALL COMPLIANCE MENTIONED.
10. PROPOSED EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE IMPLEMENTED BY THE CONTRACTOR PRIOR TO DEMOLITION ACTIVITIES.
11. CONTRACTOR SHALL IMPLEMENT SAFETY MEASURES DURING DEMOLITION ACTIVITIES TO AVOID ANY TYPE OF ACCIDENT AND DAMAGES TO NEARBY PROPERTIES AROUND THE PROJECT SITE AND THE EXISTING UNDERGROUND UTILITIES TO REMAIN.
12. AREAS SHOWN ON PLAN TO BE DEMOLISHED SHALL BE PROMPTLY REMOVED BUT COORDINATION WITH THE ENGINEERS SHOULD BE MADE PRIOR TO DEMOLITION NOT WITH STANDING, AFFECTED OR DAMAGED ASPHALT, CONCRETE, CURB & GUTTERS, PIPES AND OTHERS BY THE CONTRACTOR, WHICH ARE LOCATED OUTSIDE OF PROJECT LIMIT SHALL BE RECONSTRUCTED IMMEDIATELY.
13. INFORMATION AND NOTES SHOWN ON THE DRAWINGS OR OTHER INFORMATION INADVERTENT OMISSION DOES NOT RELIEVE THE CONTRACTOR GENERAL LIABILITY TO VISIT AND INSPECT THE SITE AND REPORTS OF ALL EXISTING SITE CONDITIONS TO INCLUDE ALL COSTS REQUIRED IN THE PROPOSAL TO COVER ALL DEMOLITION TO COMPLETE THE CONSTRUCTION WORK, AS SHOWN ON THE CONSTRUCTION DOCUMENTS.
14. THE CONTRACTOR SHALL MAINTAIN CONFINED AREAS OF WORK AS POSSIBLE AND PLACE TEMPORARY BARRIER FOR PROTECTION OF THE PUBLIC AND EMPLOYEES.
15. THE CONTRACTOR SHALL VISIT AND INSPECT THE ENTIRE AREA OF WORK AND FAMILIARIZE WITH THE EXISTING CONDITIONS.
16. ANY MISCELLANEOUS ELEMENT IN THE DEFINED WORK AREA WHICH HAS NOT BEEN DIRECTLY COVERED BY THE DRAWINGS, WILL BE REMOVED TO PROVIDE A CLEAN SURFACE LEVEL.
17. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSITION (REGULATION) OF DEBRIS OF THE PROJECT. THE GARBAGE CONTAINERS AND RAIN WATERS SYSTEM WILL NOT BE USED. THE CONTRACTOR IS RESPONSIBLE OF PROVIDING HIS OWN GARBAGE AND COMPLY WITH THE GENERAL CONDITIONS OF CONTRACTING.
18. THE DEMOLITIONS AN REMOVAL SHOULD BE MADE SAFE, NEAT, CLEAN. THE AREAS MUST BE CLEAN. THE AREAS NOT TO BE DEMOLISHED MUST BE PROTECTED.
19. THE DEMOLITION AND REMOVAL MUST FOLLOW ALL APPLICABLE LAWS AND CODES IN ORDER TO AVOID INJURY TO PERSONS AND/OR ANY PROPERTY DAMAGE.
20. ONCE COMPLETED THE DEMOLITION, THE AREA SHOULD BE CLEAN OF DEBRIS BEFORE THE NEW CONSTRUCTION BEGINS.
21. AFTER DEMOLITION, THE CONTRACTOR MUST GUARANTY THE TERRAIN REMAIN IN ITS NATURAL STAGE, INVOLVING FILLING IT AND VEGETATION PLANTING SO IT IS THE SAME OR SIMILAR TO THE AREA VEGETATION.

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IPG INGENIUM
PROFESSIONAL GROUP
654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 719-5890 / 5891
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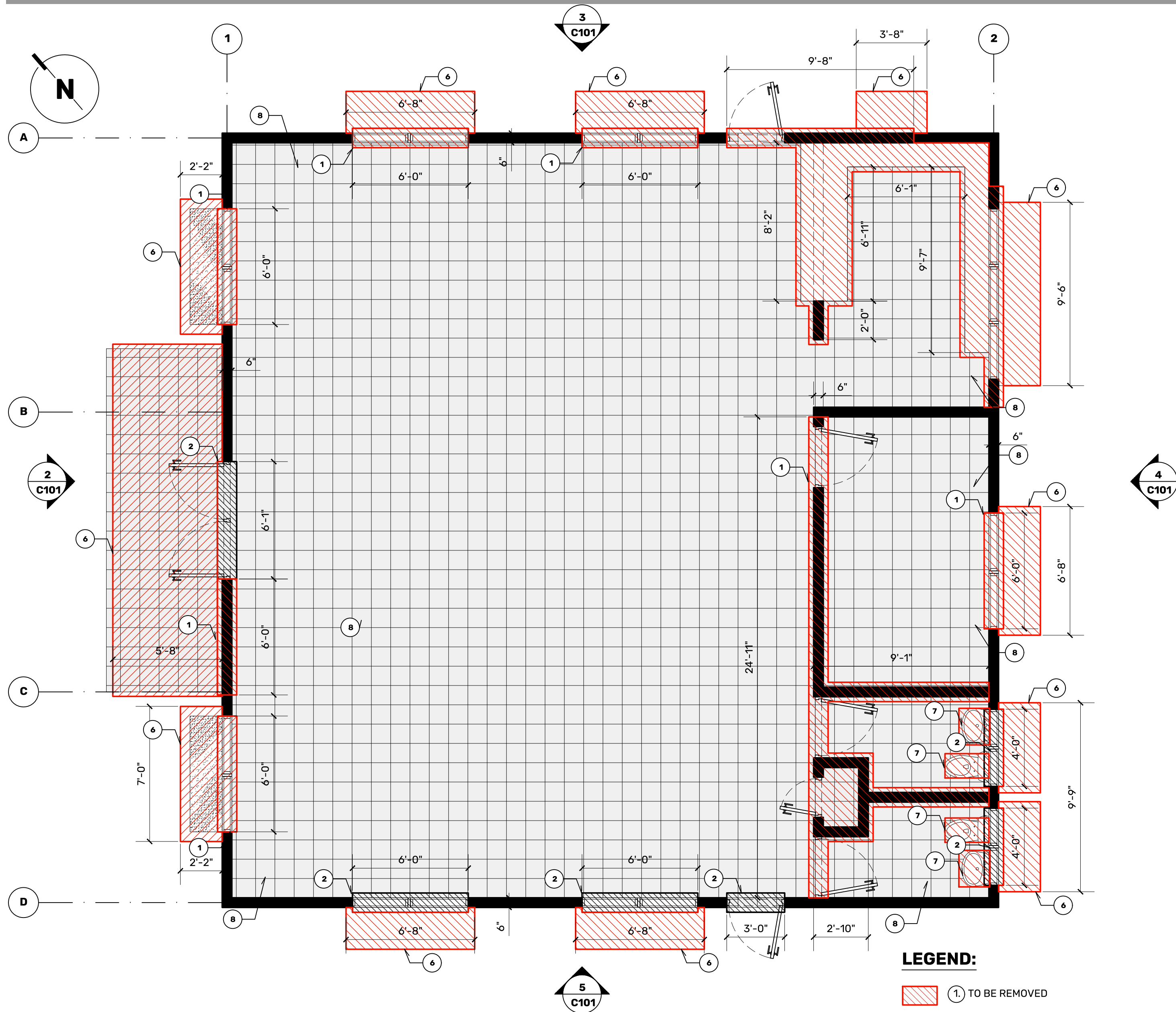
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FILE
Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
Progress Print:
TITLE
PROPOSED DEMOLITION SITE
PLAN

DRAWING No.

C100

PAGE: 12 / 53



DEMOLITION & IMPROVEMENTS TO BUILDING A:

- DEMOLITION OF EXISTING WALL, WINDOW OR DOOR.
- EXISTING WINDOWS AND DOORS MUST BE REMOVED AND REPLACED. FOR DOOR AND WINDOW SPECIFICATIONS SEE SHEET A500 & A600.
- PREPARE WALL SURFACE FOR NEW INTERIOR AND EXTERIOR PAINTING.
- REPAIR CRACKS IN THE WALLS AND ROOF.
- REPAIR ALL THE WALLS IN GENERAL BEFORE PAINTING.
- DEMOLITION OF EXISTING EAVES.
- REMOVAL OF SANITARY FIXTURES.
- REMOVAL OF ALL EXISTING FLOOR TILES.

GENERAL DEMOLITION NOTES:

- THE STRUCTURES TO BE DEMOLISHED CAN BE MODIFIED BY THE DESIGNER.
- PROTECTION: PROVIDE HALLWAY IF NECESSARY TO ENSURE THE SAFE PASSAGE OF PERSONS AROUND THE AREA OF DEMOLITION. CONDUCT OPERATIONS TO PREVENT DAMAGE BY FALLING DEBRIS OR OTHER TO ADJACENT BUILDINGS STRUCTURES AND OTHER FACILITIES AS WELL AS PERSONS.
- PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING OR SUPPORTS TO PREVENT MOVEMENT OR SETTLEMENT OR COLLAPSE OF STRUCTURES TO BE DEMOLISHED AND ADJACENT TO REMAIN.
- DAMAGES: PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITIONS OPERATIONS, AS DIRECTED BY THE ARCHITECT AND AT NO COST TO THE OWNER.
- CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS FROM DUST, DIRT AND DEBRIS CAUSED BY DEMOLITION WORK, AS DIRECTED BY THE GOVERNING AUTHORITIES.
- PARTIAL STRUCTURES DEMOLITION: DEMOLISH PARTS AS INDICATED AND REMOVE FROM THE SITE AS REQUIRED TO COMPLETE THE WORK.
- REMOVE FROM SITE ALL DEBRIS, RUBBLE AND OTHER MATERIAL RESULTING FROM DEMOLITION. STORAGE OR SALE OF REMOVED MATERIALS WILL NOT BE ALLOWED ON SITE.

NOTES TO THE CONTRACTOR:

- THE CONTRACTOR MUST BECOME FAMILIAR WITH THE PROJECT, THE INTENTION OF THE CONSTRUCTION DOCUMENTS AND THE ARCHITECT'S DESIGN IN ORDER TO CARRY OUT SELECTIVE DEMOLITION WORK IN A MANNER THAT IS CONDUCTIVE TO PROPER EXECUTION OF THE PROJECT.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PRESENT AND FUTURE DAMAGES CAUSED TO THE PUBLIC AND PRIVATE PROPERTY BY THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR MUST VERIFY THE MEASURES BEFORE STARTING THE WORKS AND NOTIFY THE SUPERVISORY ENGINEER ANY DIFFERENCE IN THE SAME WITH RELATION TO THOSE INDICATED IN THE DRAWINGS.
- THE CONTRACTOR WILL AT ALL TIMES TAKE ALL NECESSARY AND REASONABLE PRECAUTIONS FOR THE SAFETY OF ITS EMPLOYEES AND GENERAL PUBLIC AND COMPLY WITH ALL APPLICABLE LAWS AND REQUIREMENTS FOR THE OCCUPATIONAL SAFETY OF PUERTO RICO ACCORDING TO O.S.H.A. AND THEIR REQUIREMENTS FOR CONSTRUCTION WORKERS.
- THE CONTRACTOR WILL ENSURE THE SAFETY OF ANY BUILDING, STRUCTURE AND/OR UTILITIES BURIED WITHIN AND IN THE VICINITY OF THE PROJECT. CAUTION SHALL BE TAKEN AS A USE OF FENCE, WOODEN BOARDS AND/OR OTHER MEANS FOR THE SAFETY OF ADJACENT PERSONS AND/OR PROPERTIES.

DEMOLITION & IMPROVEMENTS KEY NOTES:

THE INFORMATION CONTAINED WITHIN THE DRAWINGS OF EXISTING CONDITIONS AND DEMOLITION REQUIRED, ARE INCLUDED AS A GENERAL GUIDE TO THE SCOPE OF WORK. THIS INFORMATION IS NOT A DETAILED STUDY OF EXISTING CONDITIONS OR THE DEMOLITION. THE GENERAL CONTRACTOR SHALL MAKE USE OF THESE DRAWING AND INFORMATION AS A TOOL FOR WORKING TO ESTABLISH A WORK PLAN.

1. CONTRACTOR SHOULD MAKE A SELECTIVE DEMOLITION WORK AND FOLLOW ALL SUGGESTIONS AND STANDARDS OF THE GOVERNMENT REGULATIONS. CONTRACTOR SHOULD COORDINATE AND BE UP TO DATE WITH ALL COMPLIANCE MENTIONED.

2. THE CONTRACTOR IS RESPONSIBLE FOR THE SATISFACTORY COMPLETION OF THE WORK IN A MANNER THAT INVOLVES NO EXTRA COST TO THE OWNER.

3. PROPOSED EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE IMPLEMENTED BY THE CONTRACTOR PRIOR TO DEMOLITION ACTIVITIES.

4. CONTRACTOR SHALL IMPLEMENT SAFETY MEASURES DURING DEMOLITION ACTIVITIES TO AVOID ANY TYPE OF ACCIDENT AND DAMAGES TO NEARBY PROPERTIES AROUND THE PROJECT SITE AND THE EXISTING UNDERGROUND UTILITIES TO REMAIN. IN OTHER WORDS, CONTRACTOR SHALL COMPLY WITH ALL ENVIRONMENTAL AND SAFETY REGULATIONS CONCERNING DEMOLITION WORK, INCLUDING O.S.H.A REQUIREMENTS.

5. AREAS SHOWN ON PLAN TO BE DEMOLISHED SHALL BE PROMPTLY REMOVED BUT COORDINATION WITH THE ENGINEERS SHOULD BE MADE PRIOR TO DEMOLITION NOT WITH STANDING, AFFECTED OR DAMAGED ASPHALT, CONCRETE, CURB & GUTTERS, PIPES AND OTHERS BY THE CONTRACTOR, WHICH ARE LOCATED OUTSIDE OF PROJECT LIMIT SHALL BE RECONSTRUCTED IMMEDIATELY.

6. SOME OF THE EXISTING UTILITIES WITHIN PROJECT LIMITS, EXCEPT THOSE INDICATED TO REMAIN, SHALL BE DEMOLISHED AND

DISPOSED IN COORDINATION WITH THE ENGINEERS TAKING IN CONSIDERATION THE NEEDS DURING THE DIFFERENT STAGES OF THE DEMOLITION AND THE CONSTRUCTION PHASES.

7. ALL CONSTRUCTION INDICATED TO BE DEMOLISHED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING FOUNDATION AND ALL ELECTRICAL AND MECHANICAL FACILITIES.

8. ALL SANITARY PIPING CONNECTING THE EXISTING CONSTRUCTION TO AAA FACILITIES SHALL BE REMOVED FROM WITHIN THE PROPERTY AND CONNECTION TO THE AAA PIPE SHALL BE PROPERLY ELIMINATED IN A MANNER CONDUCTIVE TO APPROVAL BY AAA PERSONNEL.

9. ALL ELECTRICAL EQUIPMENT AND CONNECTIONS SHALL BE PROPERLY ELIMINATED IN A MANNER THAT IS CONDUCTIVE TO APPROVAL BY AEE PERSONNEL. ALL ELECTRICAL DEMOLITION SHALL BE PERFORMED BY OR UNDER THE SUPERVISION OF A LICENSED ELECTRICIAN. ALL ELECTRICAL WORK SHALL CONFORM TO ALL APPLICABLE REGULATION.

10. INFORMATION AND NOTES SHOWN ON THE DRAWINGS OR OTHER INFORMATION INADVERTENT OMISSION DOES NOT RELIEVE THE CONTRACTOR GENERAL LIABILITY TO VISIT AND INSPECT THE SITE AND REPORTS OF ALL EXISTING SITE CONDITIONS TO INCLUDE ALL COSTS REQUIRED IN THE PROPOSAL TO COVER ALL DEMOLITION TO COMPLETE THE CONSTRUCTION WORK, AS SHOWN ON THE CONSTRUCTION DOCUMENTS.

11. THE CONTRACTOR SHOULD CHECK WITH THE OWNER PRIOR TO ANY DEMOLITION, ANY AREA OUTSIDE THE LIMITS OF AGREEMENT REQUIRING WORK.

12. THE CONTRACTOR SHOULD HAVE THE APPROVAL OF THE OWNER BEFORE INTERRUPTING ANY SERVICE OF THE BUILDING.

13. THE CONTRACTOR SHALL MAINTAIN CONFINED AREAS OF WORK AS POSSIBLE

AND PLACE TEMPORARY BARRIER FOR PROTECTION OF THE PUBLIC AND EMPLOYEES.

14. THE CONTRACTOR SHALL VISIT AND INSPECT THE ENTIRE AREA OF WORK AND FAMILIARIZE WITH THE EXISTING CONDITIONS.

15. ANY MISCELLANEOUS ELEMENT IN THE DEFINED WORK AREA WHICH HAS NOT BEEN DIRECTLY COVERED BY THE DRAWINGS, WILL BE REMOVED TO PROVIDE A CLEAN SURFACE LEVEL.

16. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSITION (REGULATION) OF DEBRIS OF THE PROJECT. THE GARBAGE CONTAINERS AND RAIN WATERS SYSTEM OF THE OWNER WILL NOT BE USED. THE CONTRACTOR IS RESPONSIBLE OF PROVIDING HIS OWN GARBAGE AND COMPLY WITH THE GENERAL CONDITIONS OF CONTRACTING.

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18. THE DEMOLITION AND REMOVAL MUST FOLLOW ALL APPLICABLE LAWS AND CODES IN ORDER TO AVOID INJURY TO PERSONS AND/OR ANY PROPERTY DAMAGE.

19. ONCE COMPLETED THE DEMOLITION, THE AREA SHOULD BE CLEAN OF DEBRIS BEFORE THE NEW CONSTRUCTION BEGINS.

20. ANY OBJECT THAT CAN BE REUSED AND DETERMINED BY THE OWNER SHOULD BE CAREFULLY REMOVED, CLEANED AND STORED IN AN AREA DESIGNATED BY THE OWNER. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL OF ALL SALVAGEABLE ITEMS.

21. CONTRACTOR SHALL NOTIFY THE ARCHITECT IF ANY EXISTING CONDITIONS DISCOVERED DURING THE DEMOLITION PHASE AFFECTS THE PROPOSED CONSTRUCTION PROJECT.

PROJECT ADDRESS

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654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 718-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

TITLE

PROPOSED DEMOLITION
PLAN_BLDG A

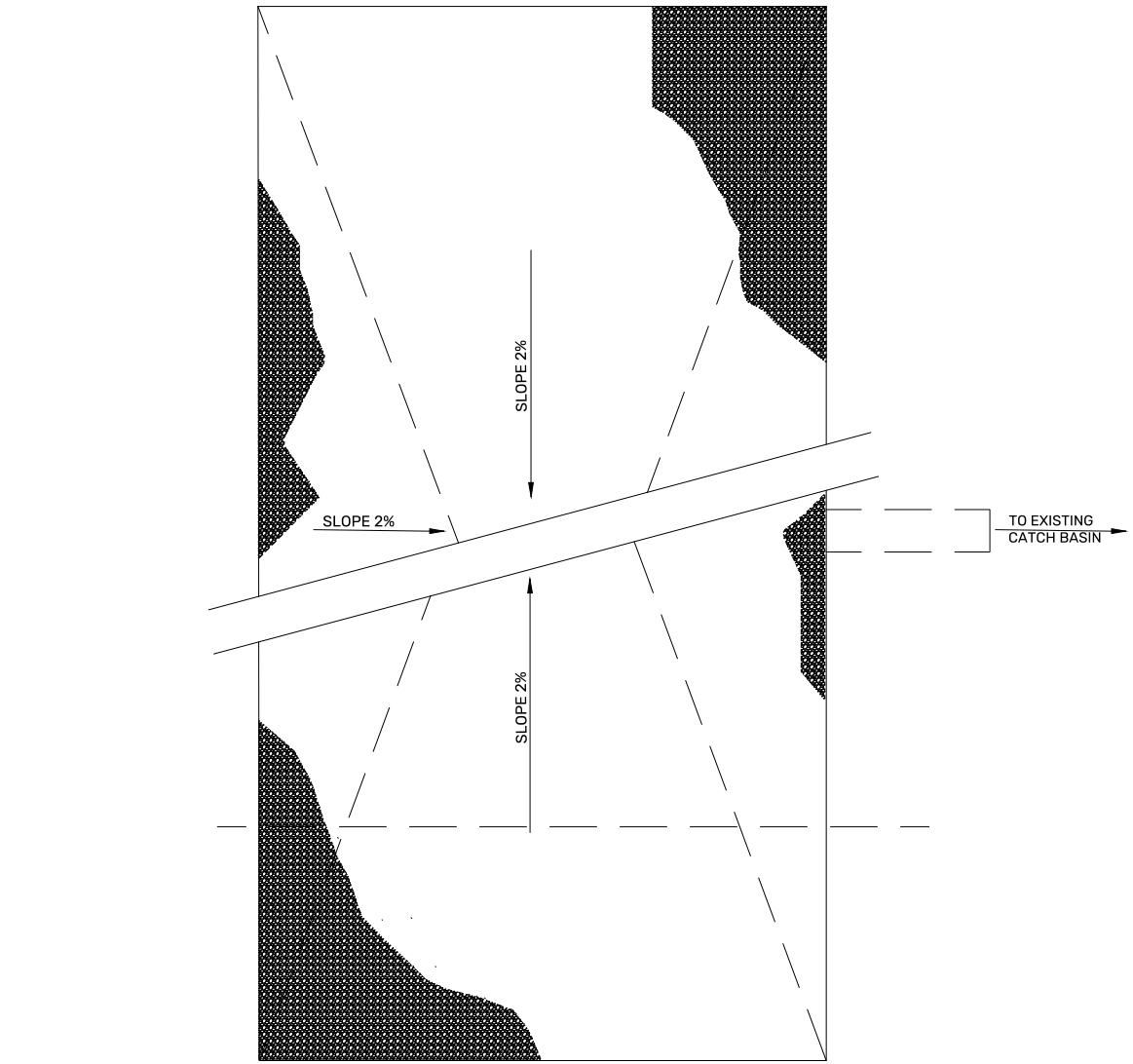
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GENERAL EROSION & SEDIMENTS CONTROL NOTES

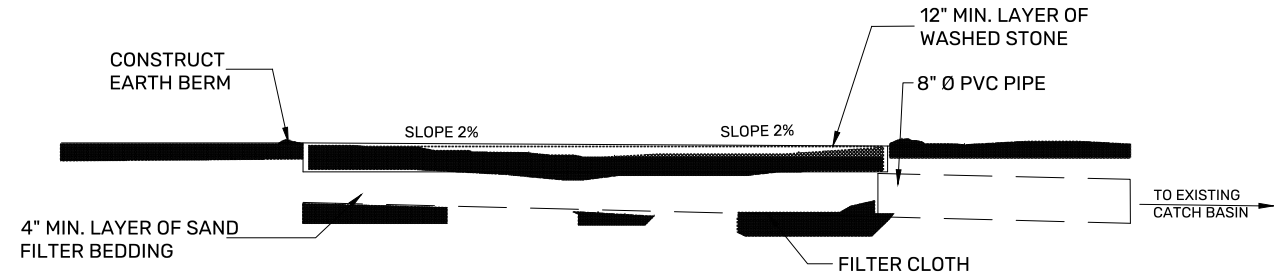
- 1 ALL CONSTRUCTION OF EROSION AND SEDIMENT CONTROL SHALL CONFORM TO EQB (JCA - JUNTA DE CALIDAD AMBIENTAL) STANDARDS AND AS DESCRIBED HEREIN.
- 2 AREAS TO BE GRADED SHALL BE CLEARED AND GRUBBED IN ACCORDANCE WITH SPECIFICATIONS. PRESERVE AND PROTECT ALL EXISTING GROUND VEGETATION AND TREES OUTSIDE OF THE CONSTRUCTION LIMITS OR SPECIFICALLY DESIGNATED TO REMAIN.
- 3 ALL EROSION CONTROL MEASURES SHALL BE PLACED IMMEDIATELY FOLLOWING SITE CLEARING AND GRUBBING AS SHOWN ON THE DRAWING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER INSTALLATION IS COMPLETED.
- 4 TOPSOIL SHALL BE REMOVED, STOCKPILED, AND SEEDED IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
- 5 THE CONSTRUCTION AREA SHALL BE ROUGH GRAPPED AS SHOWN ON THE DRAWING.
- 6 DIVERSION DITCHES, SWALES, AND SLOPES SHALL BE CONSTRUCTED AND GRASSED AS SOON AS POSSIBLE TO MINIMIZE EROSION. RIP RAP SHALL BE PLACED AS SHOWN ON THE PLANS AND AS REQUIRED.



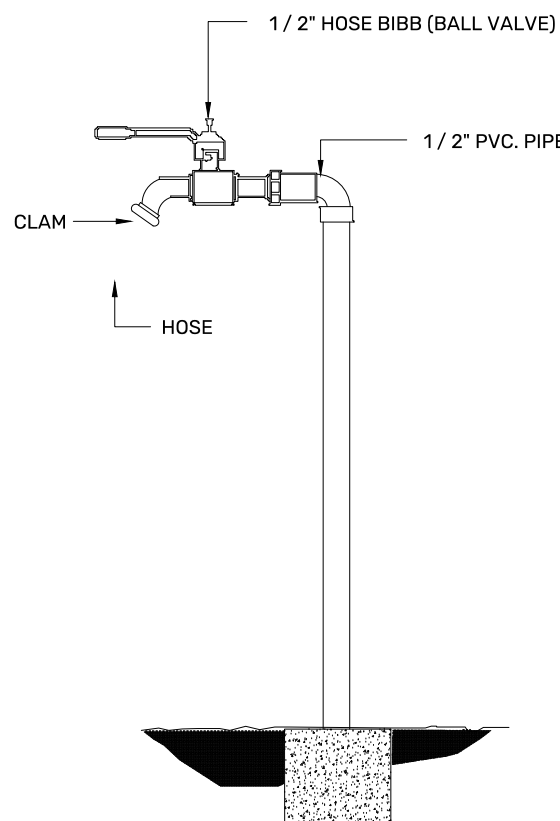
PLAN

GRAVEL CONSTRUCTION ENTRANCE NOTES

- 1 **STONE SIZE** - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- 2 **THICKNESS** - NOT LESS THAN 6".
- 3 **WIDTH** - 10' MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- 4 **SURFACE WATER** - ALL SURFACE WATER FLOWING OF DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPE WILL BE PERMITTED.
- 5 **MAINTENANCE** - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS -OF- WAY REQUIRED PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS -OF- WAY MUST BE REMOVED IMMEDIATELY.
- 6 **WASHING** - WHEEL SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS -OF- WAY.
- 7 PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



SECTION A

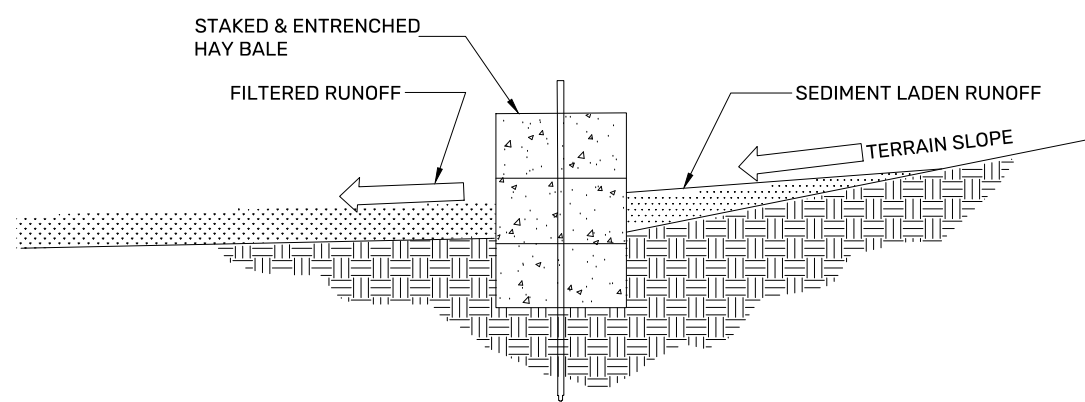


2 TEMPORARY HOSE BIBB INSTALLATION DETAIL

SCALE: NOT TO SCALE

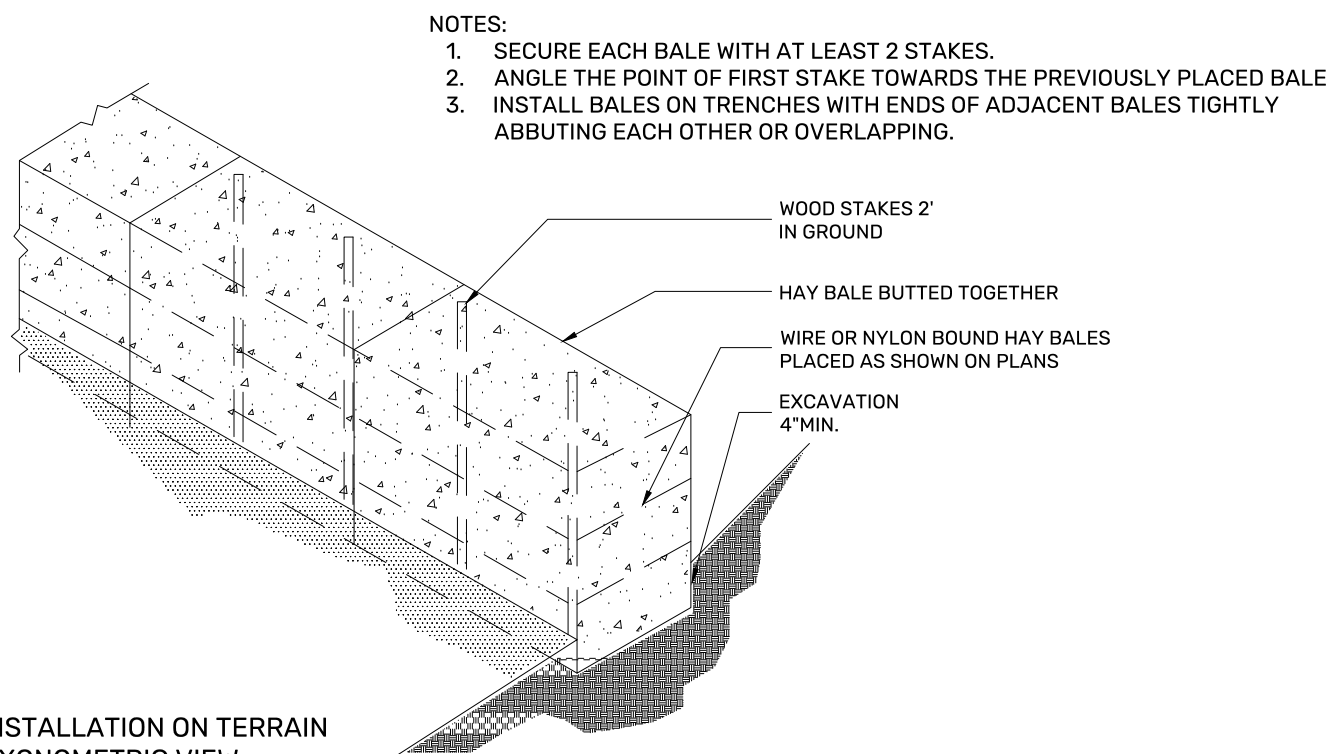
1 VEHICLE TIRE WASHING PAD

SCALE: NOT TO SCALE



SECTION VIEW

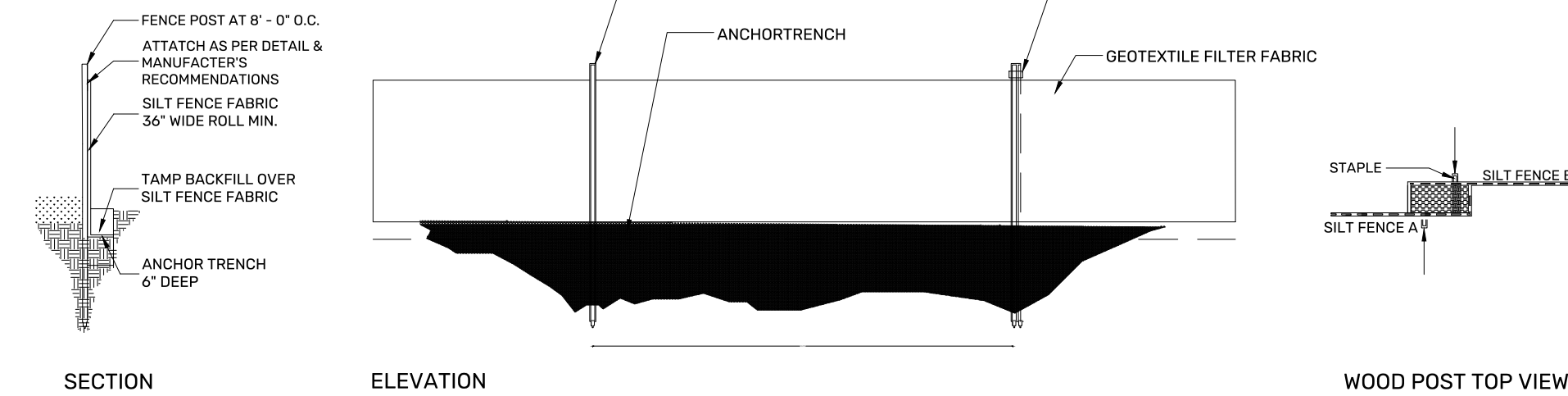
INSTALLATION ON TERRAIN
AXONOMETRIC VIEW



- NOTES:
1. SECURE EACH BALE WITH AT LEAST 2 STAKES.
 2. ANGLE THE POINT OF FIRST STAKE TOWARDS THE PREVIOUSLY PLACED BALE.
 3. INSTALL BALES ON TRENCHES WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING EACH OTHER OR OVERLAPPING.

3 HAY BALE ANCHORING DETAILS

SCALE: NOT TO SCALE



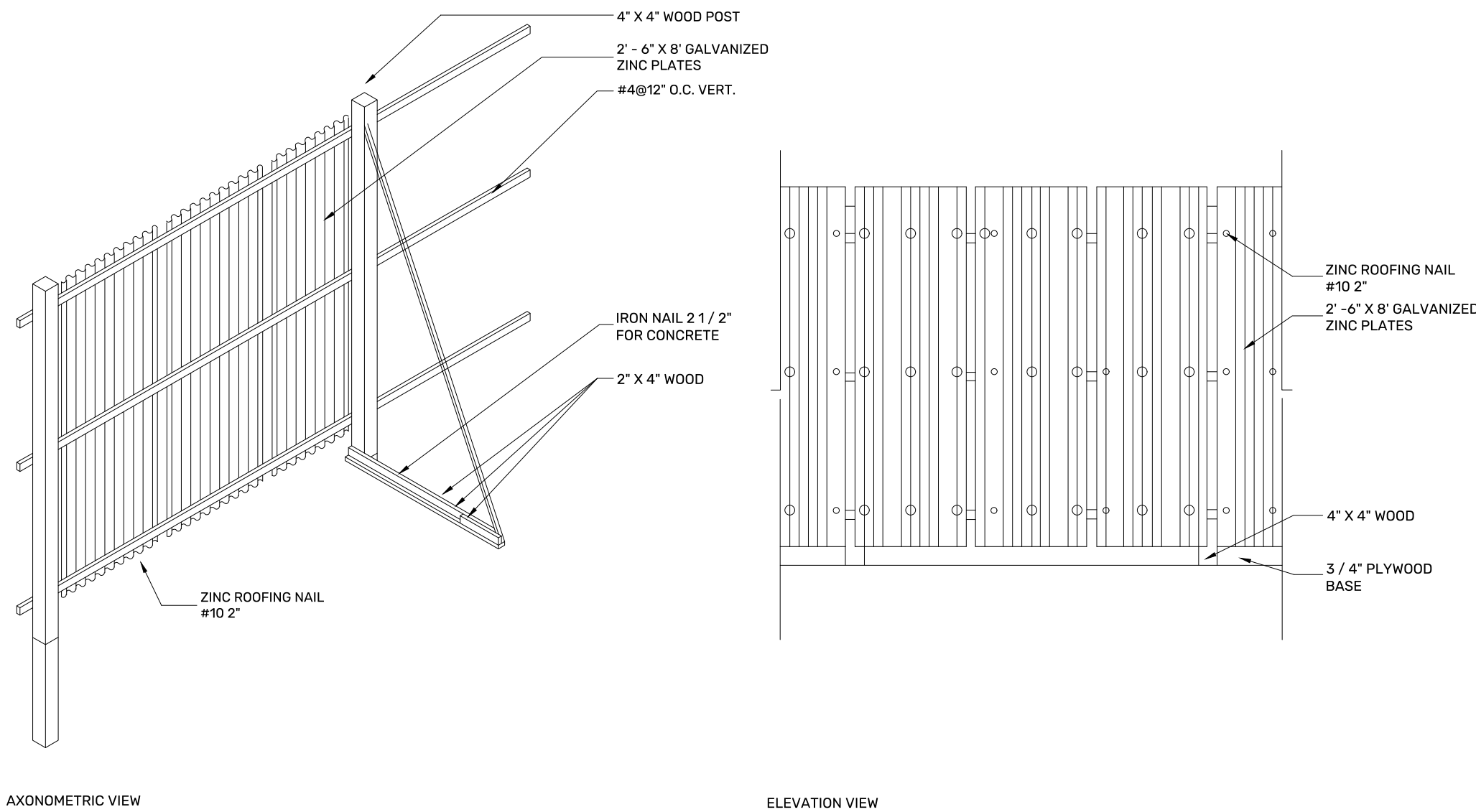
SECTION

ELEVATION

WOOD POST TOP VIEW

5 ALTERNATIVE SILT FENCE INSTALLATION DETAIL

SCALE: NOT TO SCALE



AXONOMETRIC VIEW

ELEVATION VIEW

6 TEMPORARY FENCE DETAILS

SCALE: NOT TO SCALE

DEMOLITION NOTES

- 1 **GENERAL**
 - 1.1 CONTRACTOR MUST BECOME FAMILIAR WITH THE PROJECT, THE INTENTION OF THE CONSTRUCTION DOCUMENTS AND THE ARCHITECT'S DESIGN IN ORDER TO CARRY OUT SELECTIVE DEMOLITION WORK IN A MANNER THAT IS CONDUCTIVE TO PROPER EXECUTION OF THE PROJECT. IT IS RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE PROJECT ARE BEFORE BIDDING, TO BECOME ACQUAINTED WITH THE SCOPE OF DEMOLITION WORK.
 - 1.2 DEMOLITION NOTES AND DRAWINGS ARE A GENERAL GUIDE TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR THE SATISFACTORY COMPLETION OF THE WORK IN A MANNER THAT INVOLVES NO EXTRA COST TO THE OWNER.
 - 1.3 CONSTRUCTION AREA SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OF WORK UPON COMPLETION.
 - 1.4 CONTRACTOR SHALL COMPLY WITH ALL ENVIRONMENTAL AND SAFETY REGULATIONS CONCERNING DEMOLITION WORK, INCLUDING O.S.H.A REQUIREMENTS.
 - 1.5 CONTRACTOR SHALL NOTIFY THE ARCHITECT IF ANY EXISTING CONDITIONS DISCOVERED DURING THE DEMOLITION PHASE AFFECTS THE PROPOSED CONSTRUCTION PROJECT.
 - 1.6 THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL OF ALL SALVAGEABLE ITEMS.
 - 1.7 ALL MATERIALS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFICALLY DESIGNATED TO REMAIN THE PROPERTY OF THE OWNER.
- 2 **SCOPE**
 - 2.1 ALL CONSTRUCTION INDICATED TO BE DEMOLISHED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING FOUNDATION AND ALL ELECTRICAL AND MECHANICAL FACILITIES.
 - 2.2 ALL SANITARY PIPING CONNECTING THE EXISTING CONSTRUCTION TO AAA FACILITIES SHALL BE REMOVED FROM WITHIN THE PROPERTY AND CONNECTION TO THE AAA PIPE SHALL BE PROPERLY ELIMINATED IN A MANNER CONDUCTIVE TO APPROVAL BY AAA PERSONNEL.
 - 2.3 ALL ELECTRICAL EQUIPMENT AND CONNECTIONS SHALL BE PROPERLY ELIMINATED IN A MANNER THAT IS CONDUCTIVE TO APPROVAL BY AEE PERSONNEL. ALL ELECTRICAL DEMOLITION SHALL BE PERFORMED BY OR UNDER THE SUPERVISION OF A LICENSED ELECTRICIAN. ALL ELECTRICAL WORK SHALL CONFORM TO ALL APPLICABLE REGULATION.
 - 2.4 CONTRACTOR SHALL PROVIDE BACKFILL TO ALL EXCAVATIONS LEFT AFTER DEMOLITION IN AREAS NEAR STREET AND ADJOINING PROPERTIES IN ORDER TO GUARANTEE THE STRUCTURAL INTEGRITY OF EXISTING CONSTRUCTION. BACKFILL SHALL BE SIMILAR IN TYPE AND DENSITY TO EXISTING SOIL.
 - 2.5 AND DEPOSITED ACCORDING TO ACCEPTABLE ENGINEERING STANDARDS, UNDER THE SUPERVISION OF A LICENSED ENGINEER. THE CONTRACTOR SHALL NOTIFY THE DESIGNER IF ANY PRECAUTIONS OR ADDITIONAL WORK NEEDS TO BE PERFORMED IN ORDER TO COMPLY WITH THIS REQUIREMENT.
- 3 **PROTECTION AND DAMAGE**
 - 3.1 PROTECT ITEMS NOT BEING REMOVED FROM DAMAGE DURING DEMOLITION.
 - 3.2 PROTECT ALL ADJACENT PROPERTY FROM DAMAGE DURING DEMOLITION.
 - 3.3 CONTRACTOR SHALL NOTIFY THE ARCHITECT IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF ANY EXISTING BUILDING BEFORE PROCEEDING.
 - 3.4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING FACILITIES TO REMAIN RESULTING FROM WORK UNDER THIS CONTRACT, AND SHALL RESTORE SUCH DAMAGE TO IT'S ORIGINAL CONDITION.
 - 3.5 COORDINATE WITH NEIGHBORS IF ANY LABOR REQUIRES DISTURBANCE OF ADJACENT PROPERTY.
- 4 **DISPOSAL AND DOCUMENTATION**
 - 4.1 DISPOSAL OF ALL REFUSE AND CONSTRUCTION DEBRIS IN LEGAL DUMP SITES AND PROVIDE ARCHITECT WITH DOCUMENTATION REGARDING PLACE OF DISPOSAL, MATERIALS DISPOSED, QUANTITY AND DATE. PAYMENT OF ALL DISPOSAL FEES IS THE RESPONSIBILITY OF THE CONTRACTOR AND ALL QUANTITIES ARE PART OF THE CONTRACT.
 - 4.2 DISPOSAL OF REFUSE AND CONSTRUCTION DEBRIS IN ILLEGAL LOCATIONS WILL BE CONSIDERED A GRAVE OFFENSE AND REASON FOR IMMEDIATE TERMINATION OF CONSTRUCTION CONTRACT.

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893 -65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV.	DATE	DESCRIPTION	BY	CHK'D
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IMPORTANT NOTES TO THE CONTRACTOR:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE PROCEEDING WITH WORK. IF ANY DISCREPANCIES, ERRORS OR OMISSIONS SHOULD BE ENCOUNTERED ON PLANS, CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE ANY PART OF THE WORK IS STARTED SO THAT PROPER CORRECTIONS ARE MADE. IF ENGINEER IS NOT NOTIFIED PRIOR TO COMMENCING OF THE WORK, ALL DESIGNS AND DRAWINGS HEREIN AND PRINTS ISSUED BY THE ENGINEER ARE THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REUSED ON ANY OTHER LOCATION EXCEPT THE ONE FOR WHICH IT EXPRESSLY DESIGNED. IF THESE DRAWINGS OR ANY PART THEREOF IS REPRODUCED WITHOUT THE CONSENT OF THE ENGINEER, THE PERSON WHO IS DOING WILL BE INDEBTED TO THE ENGINEER FOR HIS FULL COMMISSION. CONTRACTOR SHALL NOT USE FOR CONSTRUCTION PURPOSES ANY DRAWINGS THAT WERE ADVANCE TO HIM PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL PLANS BEING USED BY CONTRACTOR SHOULD HAVE A LABEL SAYING "FOR CONSTRUCTION ONLY" SIGNED AND SEALED BY THE ENGINEER.

CERTIFICATION

I, WILLIAM MELENDEZ RIVAS, LIC. 16383, CERTIFY THAT I AM THE PROFESSIONAL WHO MADE, DESIGNED OR PREPARED THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS AND THE APPLICABLE PROVISIONS OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES, REGULATORY BOARDS OR PUBLIC CORPORATIONS WITH JURISDICTION. I FURTHER CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE PROVISIONS OF LAW 14-2004, AS AMENDED, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE (LAW NO. 319 OF MAY 15, 1978, AS AMENDED, ACT NO. 98 OF JULY 6, 1978, AS AMENDED, AS APPLICABLE). I ACKNOWLEDGE THAT ANY FALSE STATEMENT OR MISREPRESENTATION OF FACTS THAT HAS BEEN PRODUCED BY IGNORANCE OR NEGLIGENCE EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHERS WITH MY KNOWLEDGE, MAKES ME RESPONSIBLE FOR ANY JUDICIAL AND DISCIPLINARY ACTION BY THE ODPE.



654 Ave. Muñoz Rivera - Suite 1838
654 Plaza San Juan, P.R. 00708
Tel. (787) 918-5890 / 5891
Email: info@ingenium-group

SIGNATURE



FILE

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Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

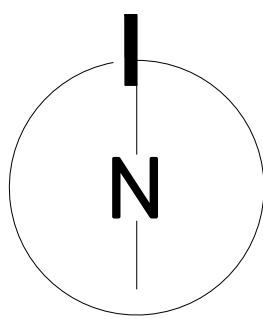
TITLE

DEMOLITION TYPICAL DETAILS

DRAWING No.

C102

PAGE: 14 / 67



CLL 19A

PROPOSED CYCLONE FENCE
FOR DETAILS SEE SHEET
A700

BUILDING "C"
2,284 SQ. FT.
TO REMAIN

EXISTING BASEBALL
BLEACHERS TO REMAIN

EXISTING BASEBALL
BLEACHERS TO REMAIN

PROPOSED CYCLONE FENCE
FOR DETAILS SEE SHEET
A700

PROPOSED WATER
TANK STATION

PROPOSED
GENERATOR STATION
PROPOSED
GARBAGE STATION

SMH
T.E 100.23

FFE ACCORDING
TO EXISTING LEVEL

PROPOSED CHAIN LINK FENCE.
FOR DETAILS SEE SHEET A700

BASEBALL COURT
TO REMAIN

PR-986

EXISTING HANDICAPPED RAMP
TO REMAIN

SMH
T.E 100.03

EXISTING HANDICAPPED RAMP
TO REMAIN

SMH
T.E 99.82

PROJECT ADDRESS

CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
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INGENIUM
PROFESSIONAL GROUP

654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 718-5890 / 5891
Email: info@ingeniumgroup.com

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

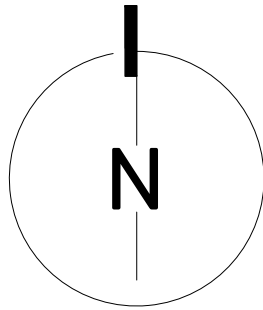
TITLE

PROPOSED GROUND SITE PLAN

DRAWING No.

C103

PAGE: 14 / 53



GENERAL NOTES:

1. PARKING LINE SHALL BE 4" WIDE AND PAINTED WITH REFLECTORIZED YELLOW TRAFFIC PAINT, WITH FINISHED APPLICATIONS NOT LESS THAN 3 MLS DRY THICKNESS. HANDICAPPED PARKING LINES & SYMBOL SHALL BE PAINTED BLUE. AREA OF PAVEMENT = 42 Ton ASPHALT.

TOTAL NUMBER OF PARKING SPACES PROVIDED:

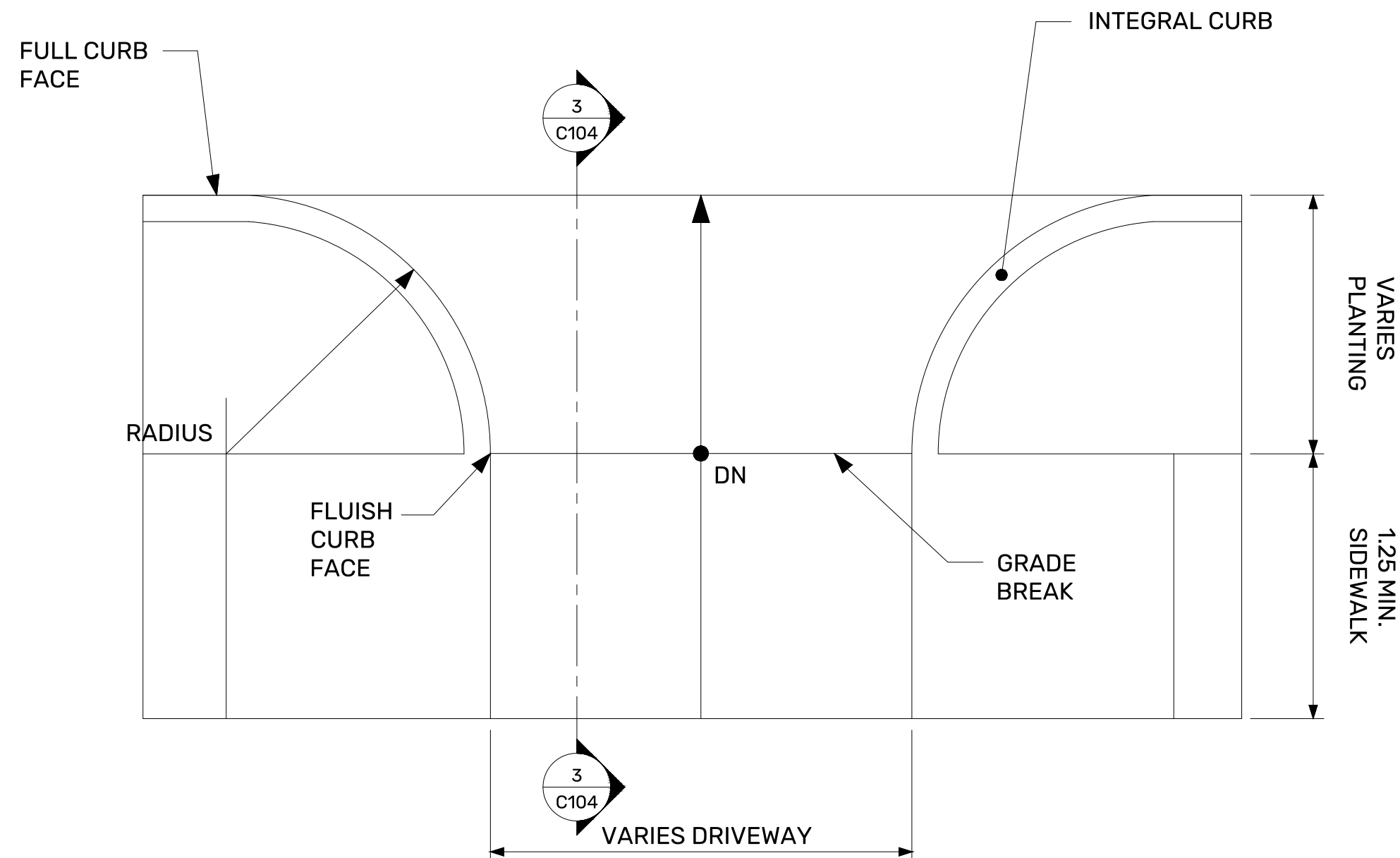
STANDARD PARKING SPACES: 07
HANDICAP PARKING SPACES: 03

TOTAL PARKING SPACES: 10

PROVIDE FENCES ALONG THE PERIMETER BOUNDARIES AS DETAILED SEE ARCHITECTURAL PLANS.

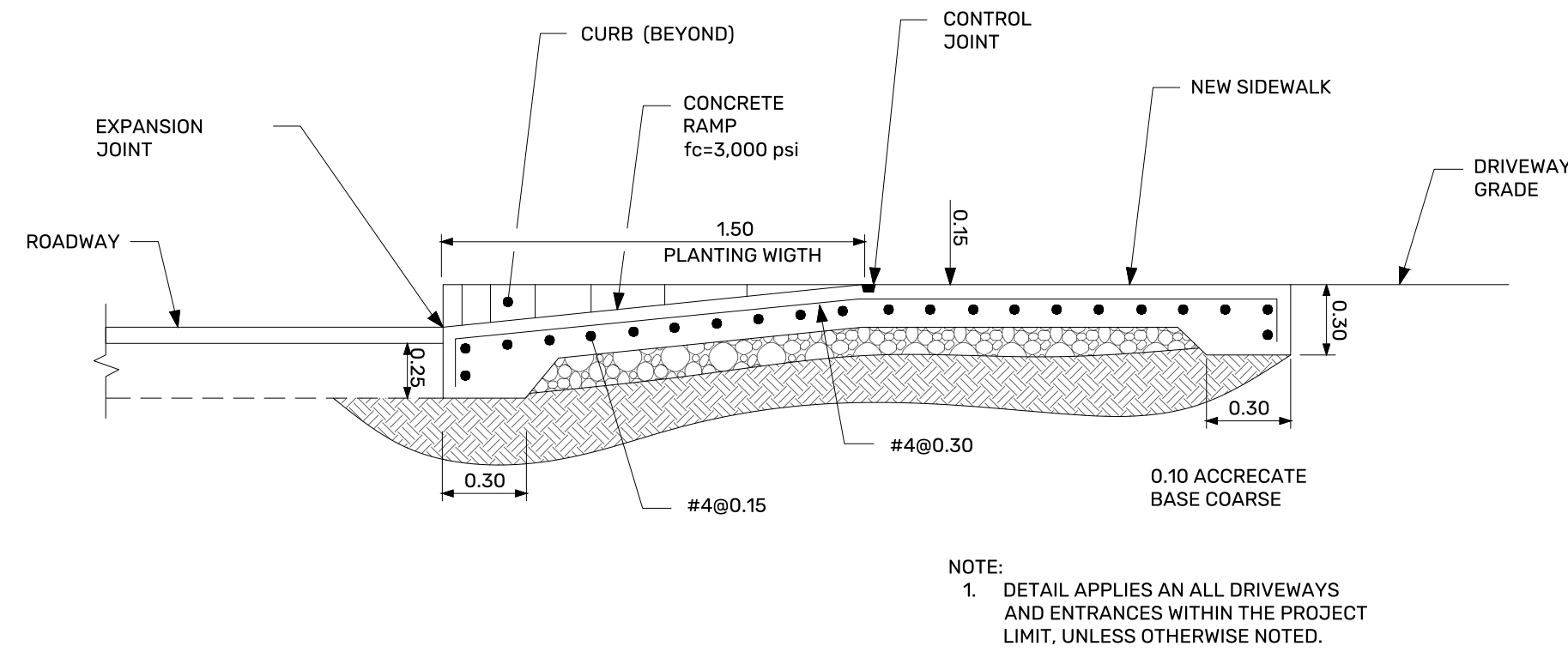
GENERAL NOTES FOR SITE WORK:

1. PRIOR TO ANY CONSTRUCTION, CONTRACTOR SHALL FIELD STAKE ALL CENTERLINE GEOMETRY TO ENSURE PROPOSED DIMENSIONS FIT EXISTING CONDITIONS. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARISE.
2. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS.
3. CONTRACTOR SHALL MATCH PROPOSED CURB AND GUTTER, CONCRETE AND PAVEMENT TO EXISTING IN GRADE AND ALIGNMENT.
4. CONTRACTOR SHALL REMOVE PAVEMENT AND CONCRETE IN ACCORDANCE WITH SPECIFICATIONS OF THE PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY.
5. SITEWORK FOR THIS PROJECT SHALL COMPLY WITH THE SITEWORK SPECIFICATIONS.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIRING THE DAMAGE DONE TO ANY EXISTING ITEM DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS AND AT CONTRACTOR EXPENSE.
7. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL LOCAL AND FEDERAL REGULATIONS AND CODES.
8. ALL DIMENSIONS AND RADIUS ARE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REALLOCATIONS INDICATED, INCLUDING, BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE AND SIGNS AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. (ALL COSTS SHALL BE INCLUDED IN BASE BID)
10. CROSS WALK STRIPING, FIRE LANE STRIPING, HANDICAP SYMBOL AND SURROUNDING DIAGONAL STRIPING SHALL BE ALKYD PETROLEUM BASED.
11. SIGNAGE AND TRAFFIC MARKINGS SHALL BE AS INDICATED.
12. CONTRACTOR SHALL FOLLOW ALL LOCAL AND FEDERAL REGULATIONS IN DISPOSING OF ALL MATERIALS REMOVED FROM THIS SITE.
13. CONTRACTOR IS TO INSTALL SMOOTH TRANSITIONS BETWEEN CHANGES IN CURB TYPES.
14. CURB MARKINGS SHALL BE REFLECTORIZED PAINTED PAVEMENT MARKINGS. ALL OTHER MARKINGS SHALL BE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.



2 TYPICAL CURB CUT DRIVEWAY DETAIL

SCALE: 3/4" = 1' - 0"



3 TYPICAL CURB CUT DRIVEWAY SECTION

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

PROJECT ADDRESS

CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER

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REVISIONS

REV. DATE DESCRIPTION BY CHK'D

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654 Ave. Muñoz Rivera - Suite 1938
654 Plaza, San Juan, PR 00738
Tel: (787) 918-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

TITLE

PROPOSED PARKING PLAN

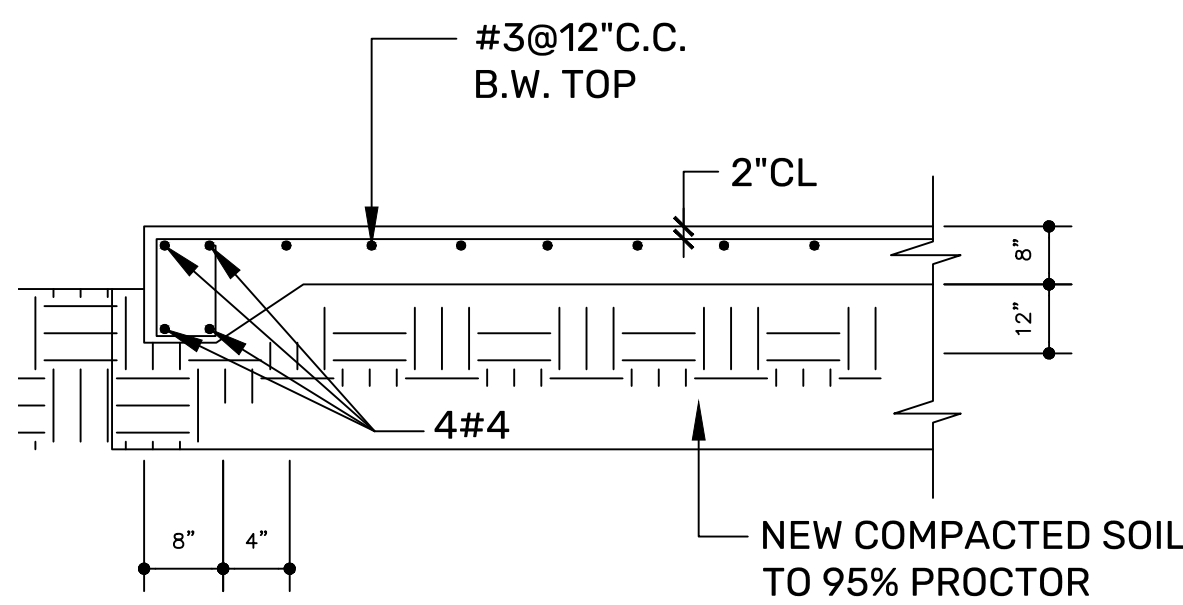
DRAWING No.

C104

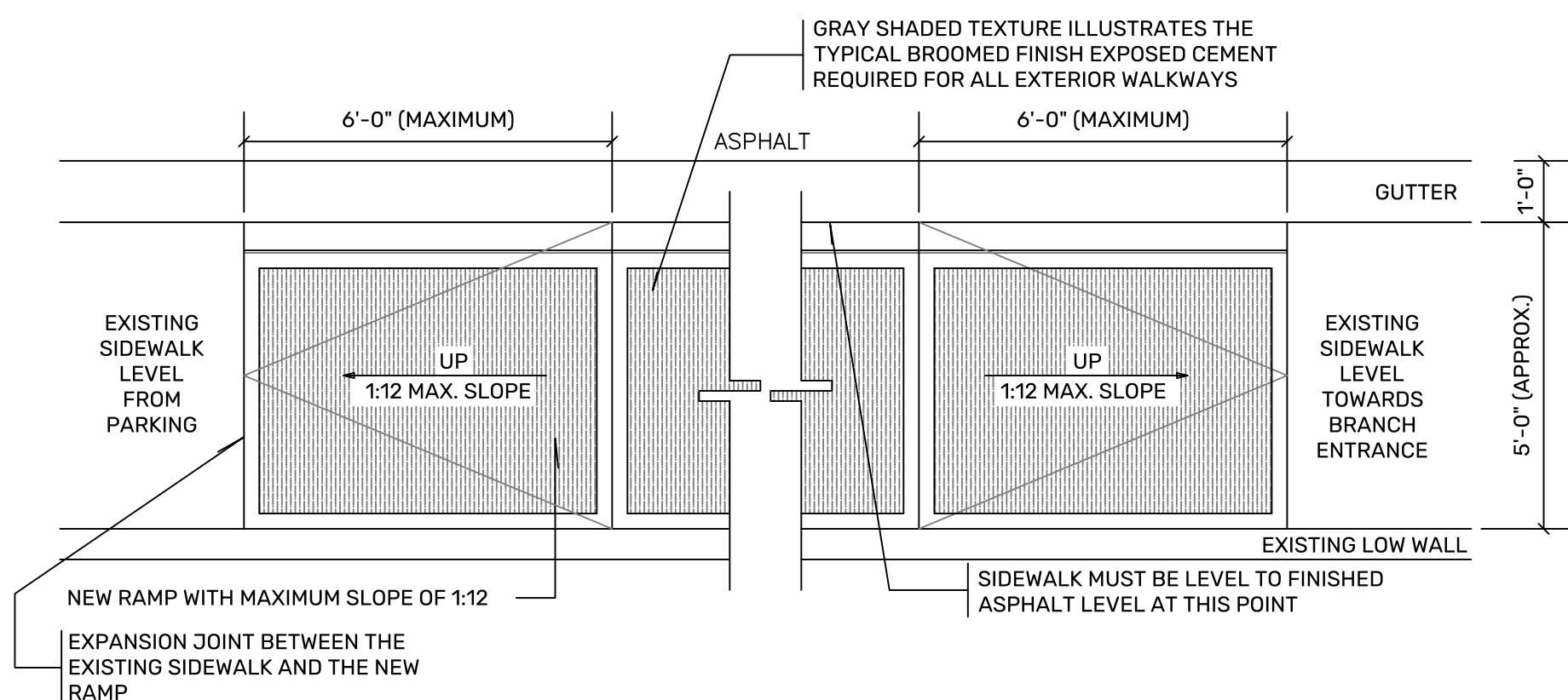
PAGE: 001/53

1 PROPOSED PARKING PLAN

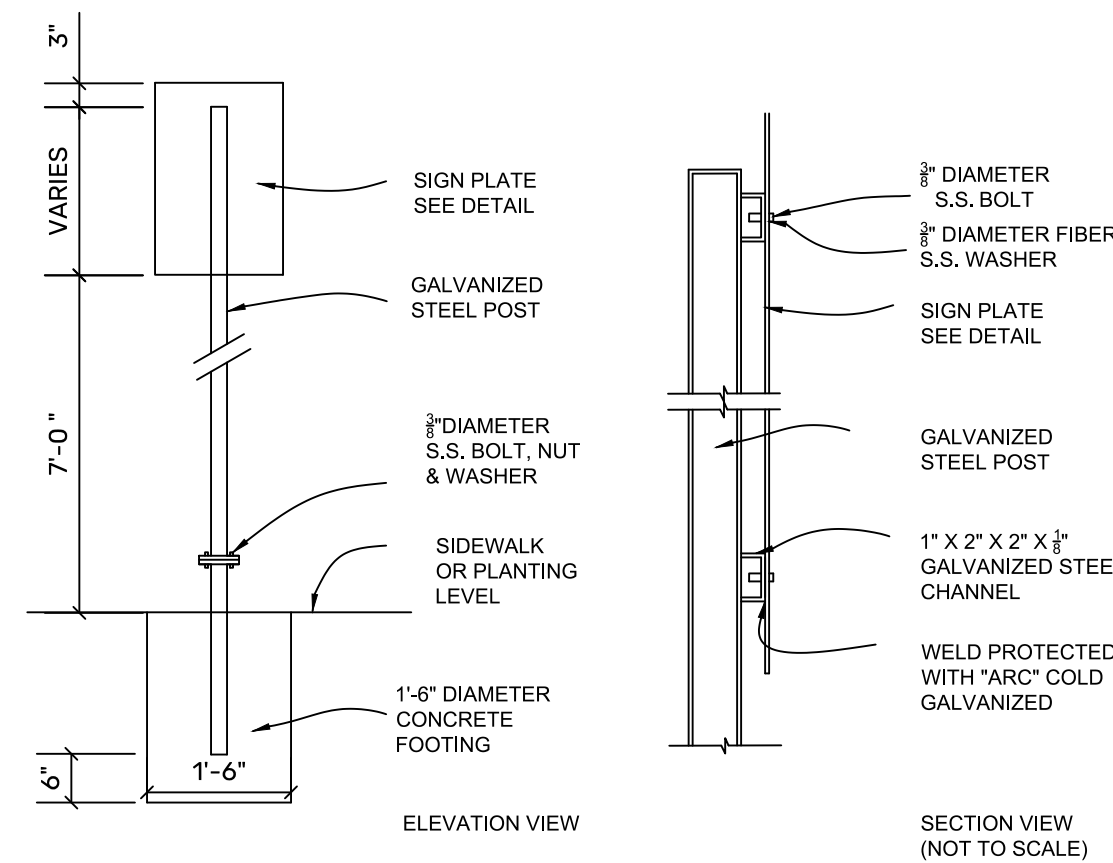
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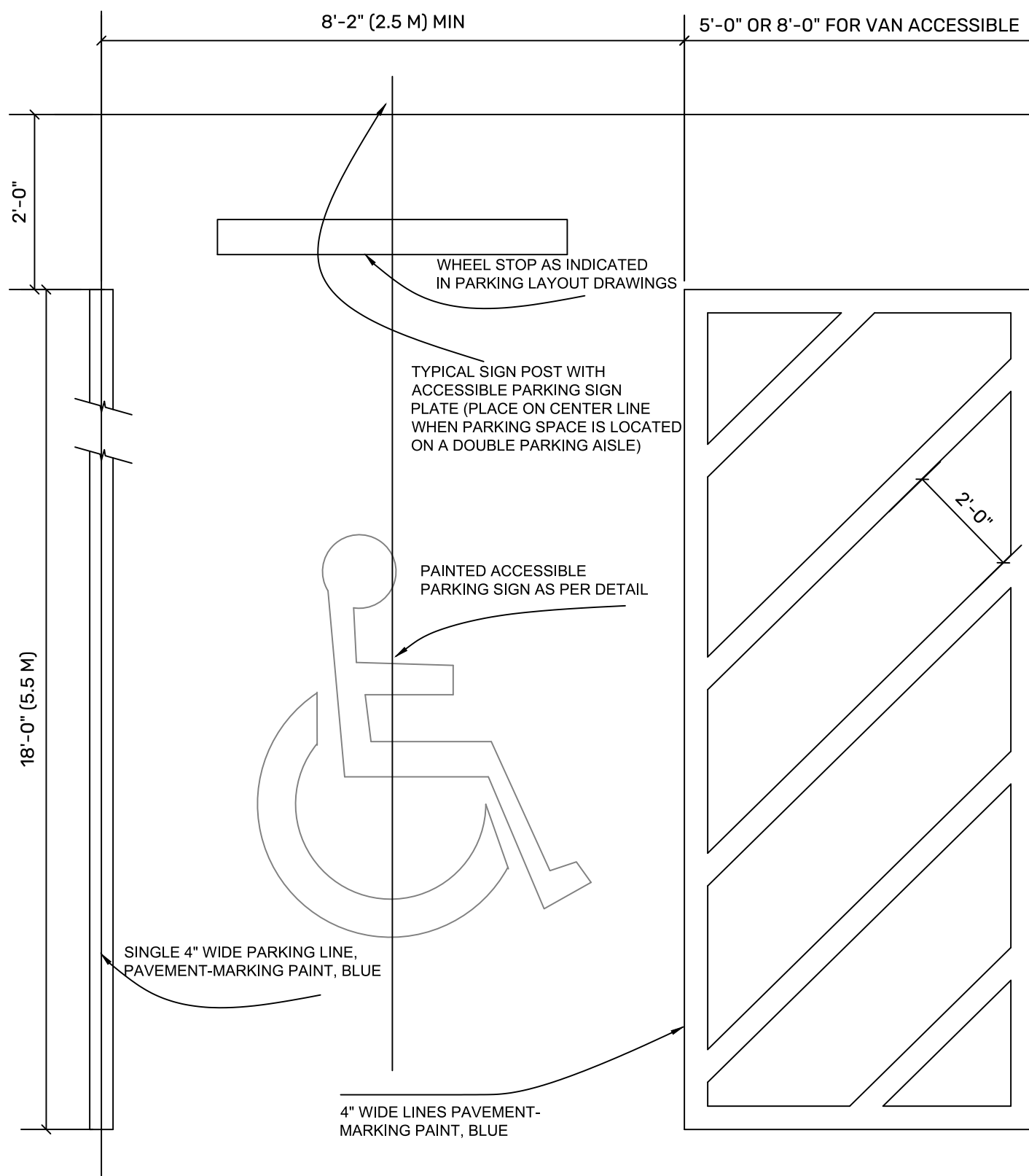
1 **STRUCTURAL PAD [GENERATOR]**
SCALE: NOT TO SCALE



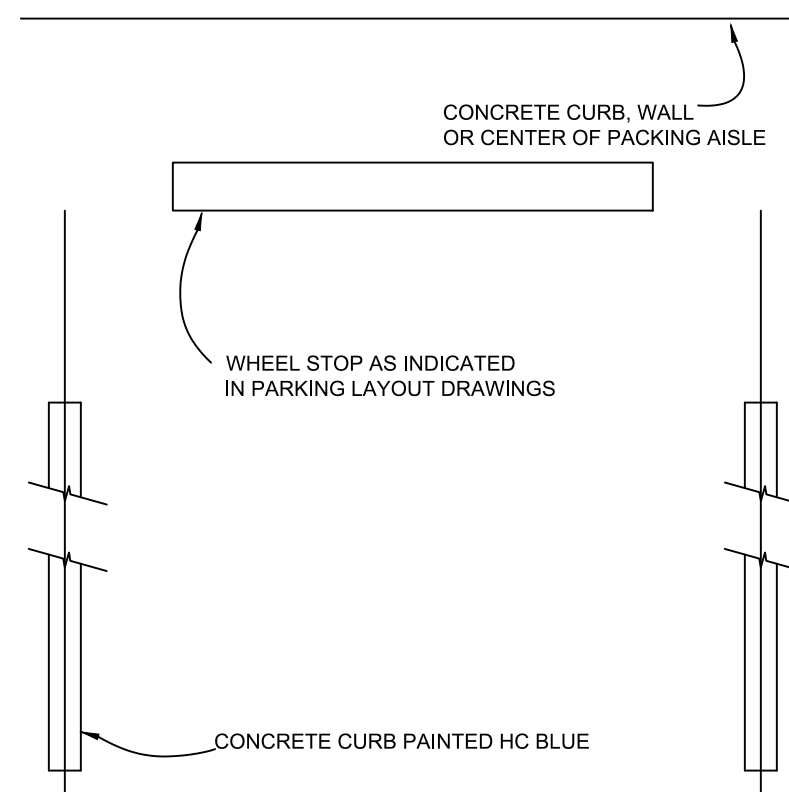
2 **ACCESSIBLE RAMP DETAIL**
SCALE: 3/8" = 1' - 0"



3 **TYPICAL SIGN POST DETAIL**
SCALE: 1/2" = 1' - 0"



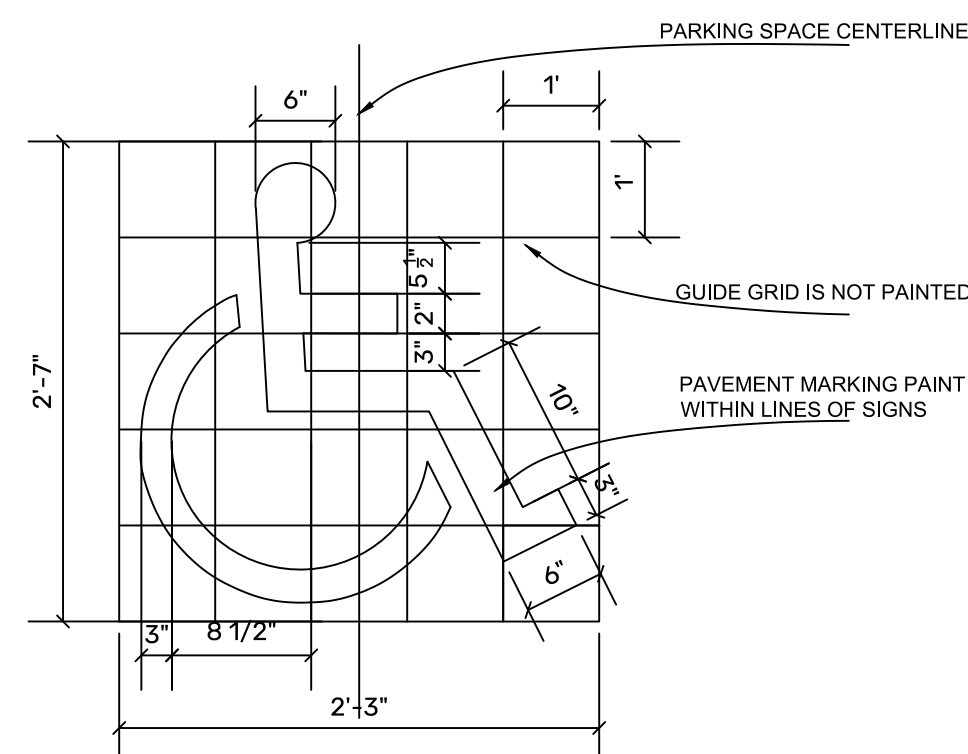
4 **TYPICAL ADA PARKING SPACE**
SCALE: SCALE 1/2" = 1' - 0"



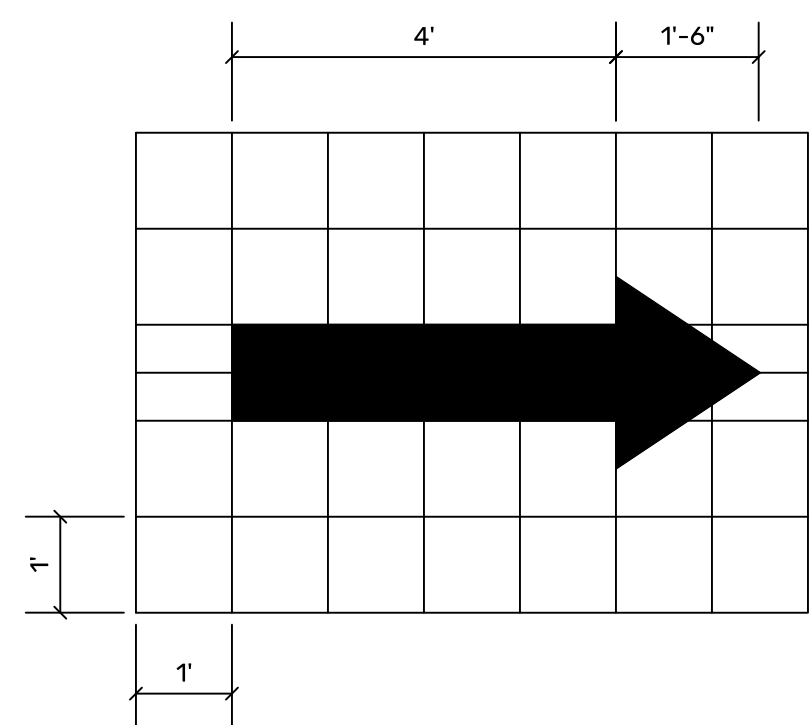
5 **TYPICAL PARKING SPACE (SINGLE LINE)**
SCALE: 1/2" = 1' - 0"



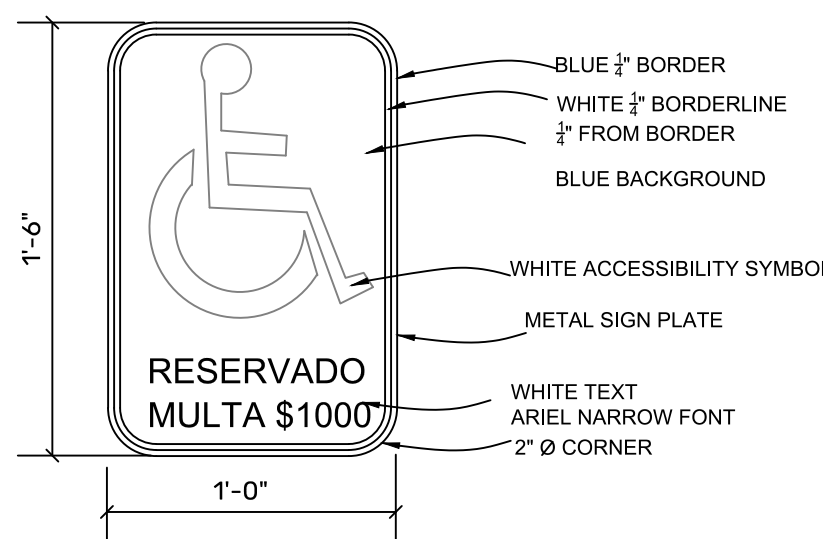
6 **ACCESSIBLE PARKING SIGN**
SCALE: 1/2" = 1' - 0"



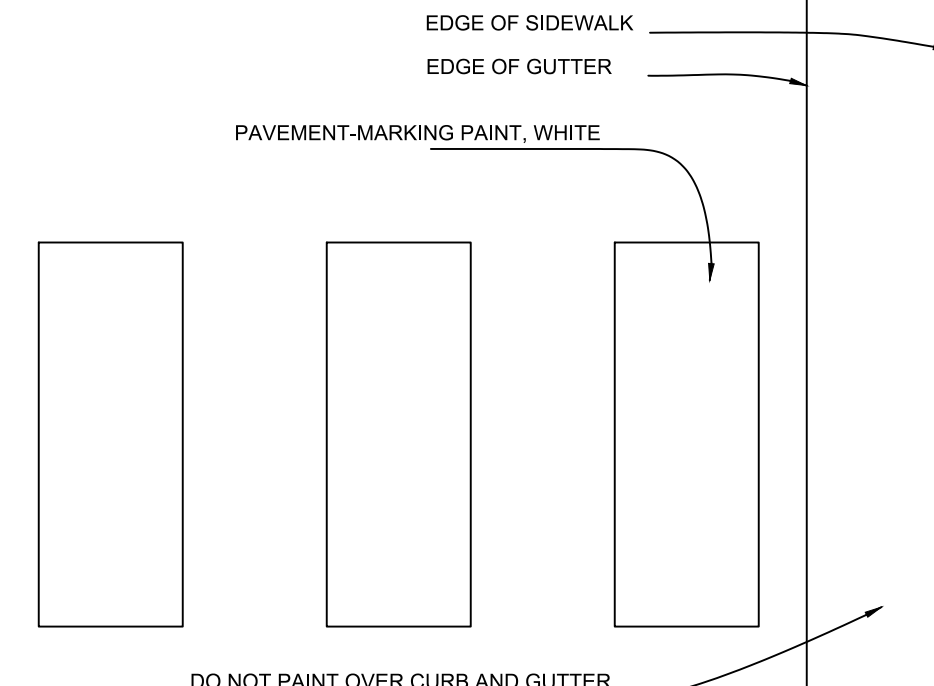
7 **ACCESSIBLE PARKING SYMBOL DETAIL (PAVEMENT PAINTED)**
SCALE: 1/2" = 1' - 0"



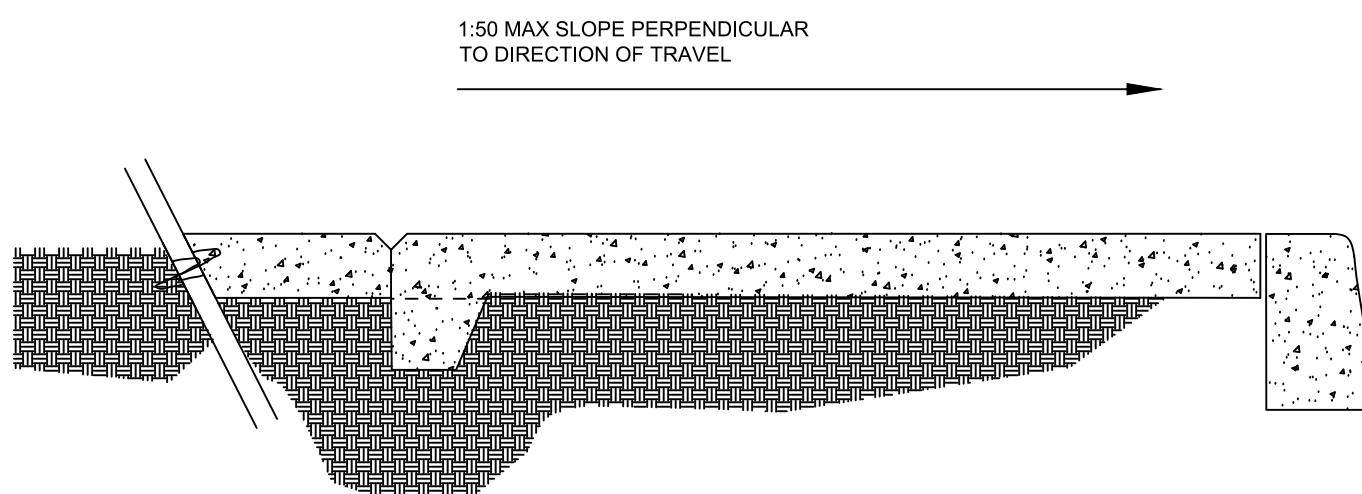
8 **TRAFFIC DIRECTION ARROW DETAIL**
SCALE: 1/2" = 1' - 0"



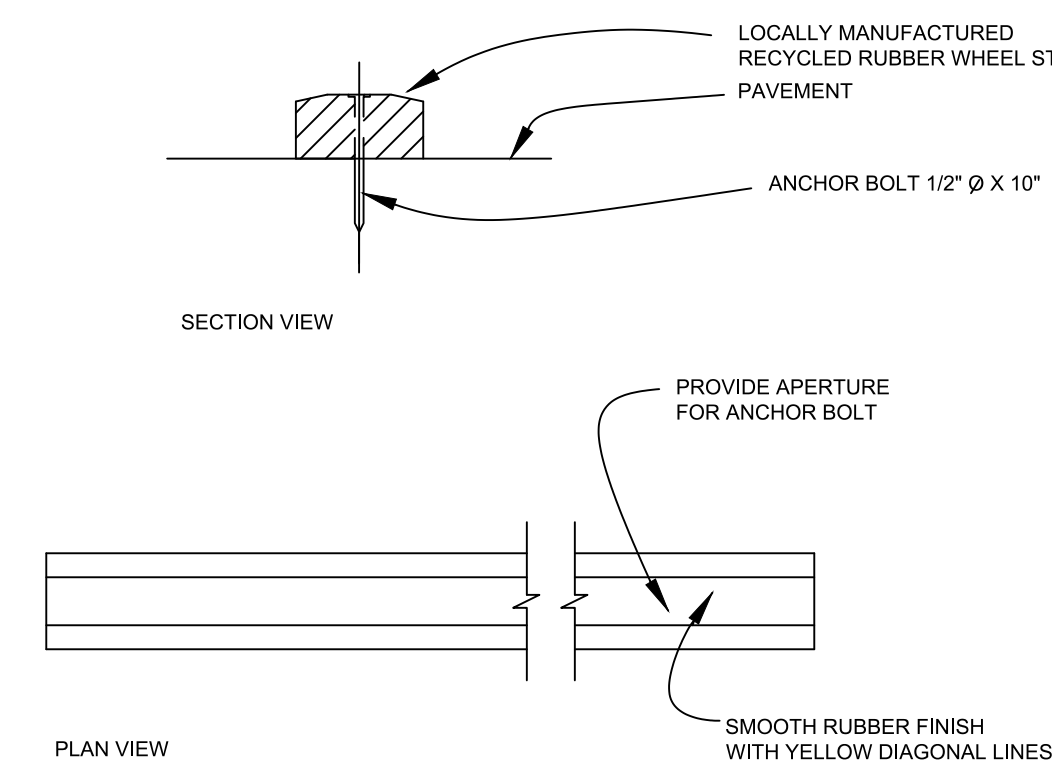
9 **ACCESSIBLE PARKING SIGN**
SCALE: 1/2" = 1' - 0"



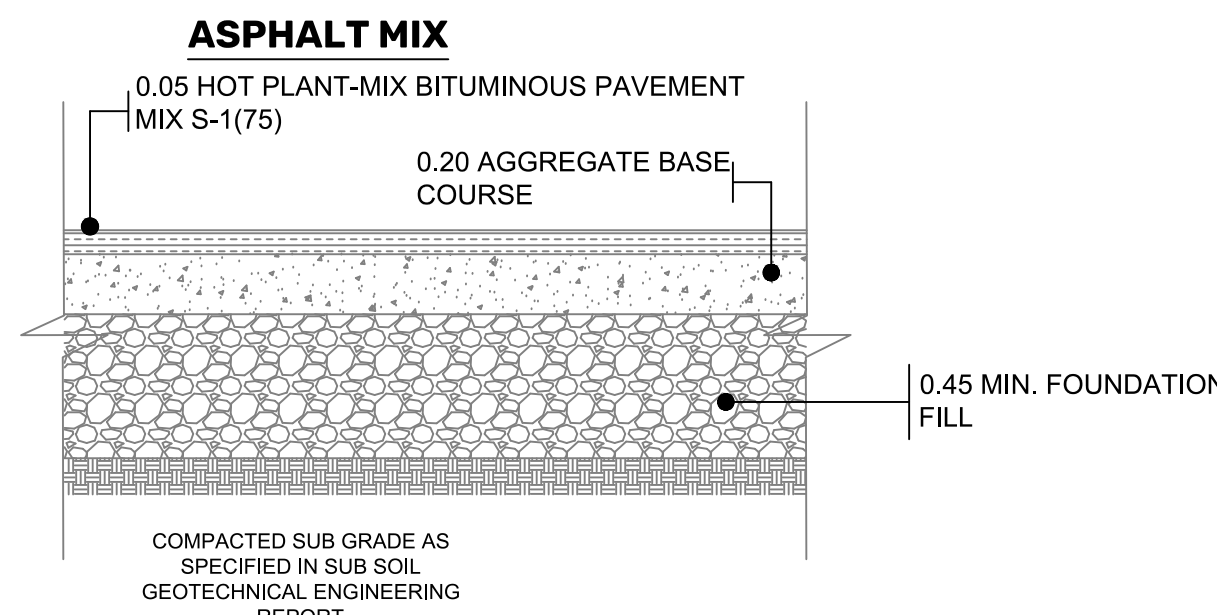
10 **PEDESTRIAN CROSSING LINES DETAIL**
SCALE: 1/2" = 1' - 0"



11 **TYPICAL SIDEWALK - SLAB AND CURB**
SCALE: 1" = 1' - 0"



12 **WHEEL STOP DETAILS**
SCALE: 1" = 1' - 0"



14 **ASPHALT PAVEMENT FOR PARKING DETAIL**
SCALE: N.T.S.

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

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IMPORTANT NOTES TO THE CONTRACTOR:

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CERTIFICATION

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654 Ave. Muñoz Rivera - Suite 1638
654 Plaza, San Juan, PR 00738
Tel: (787) 798-5890 / 5891
Email: info@ingeniumgroup.com

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

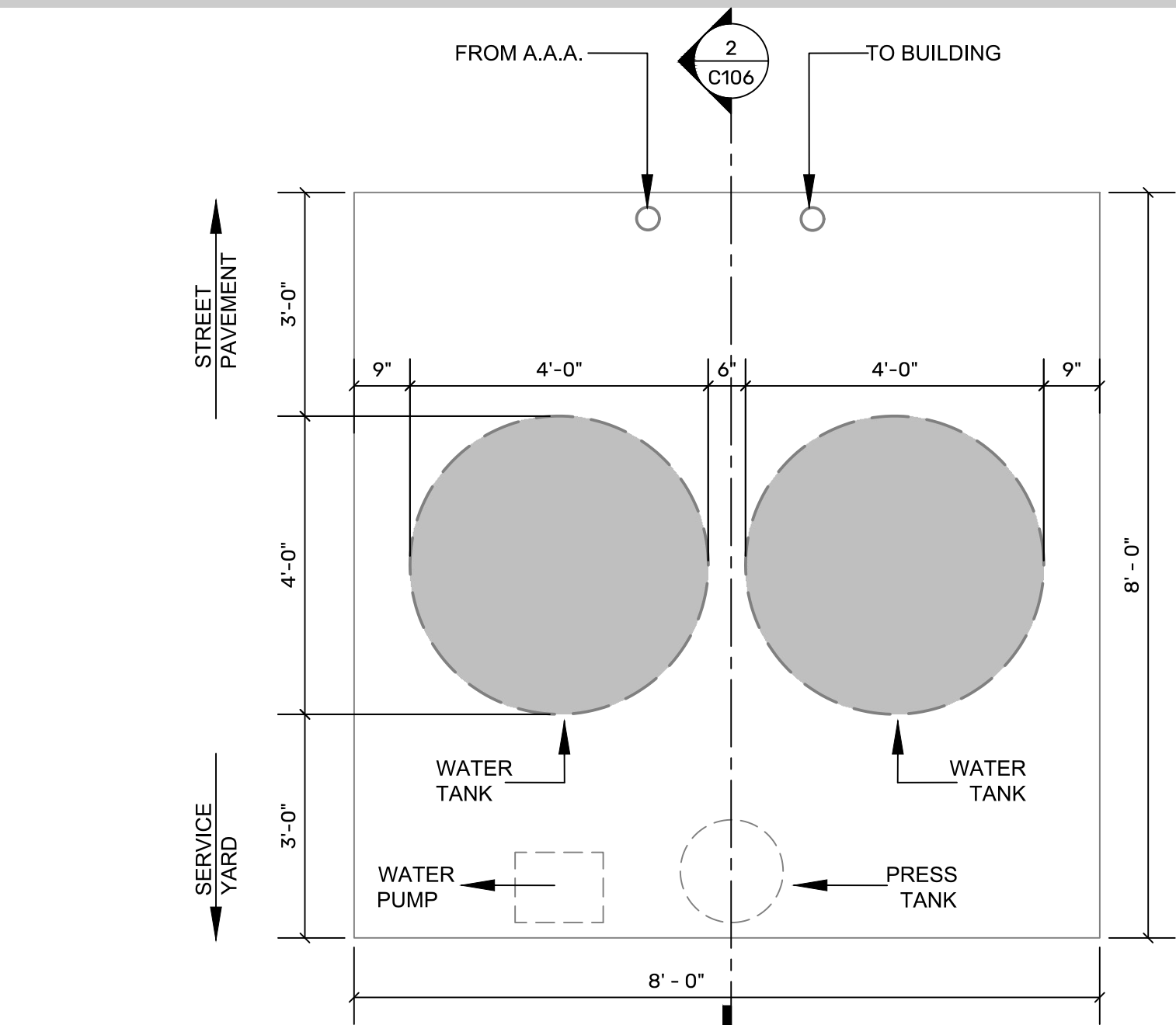
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TYPICAL SITE DETAILS

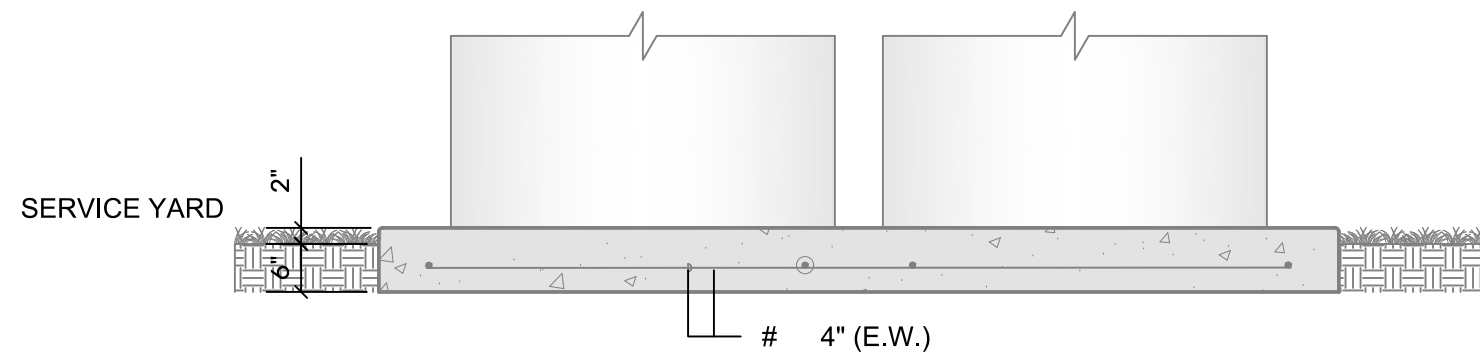
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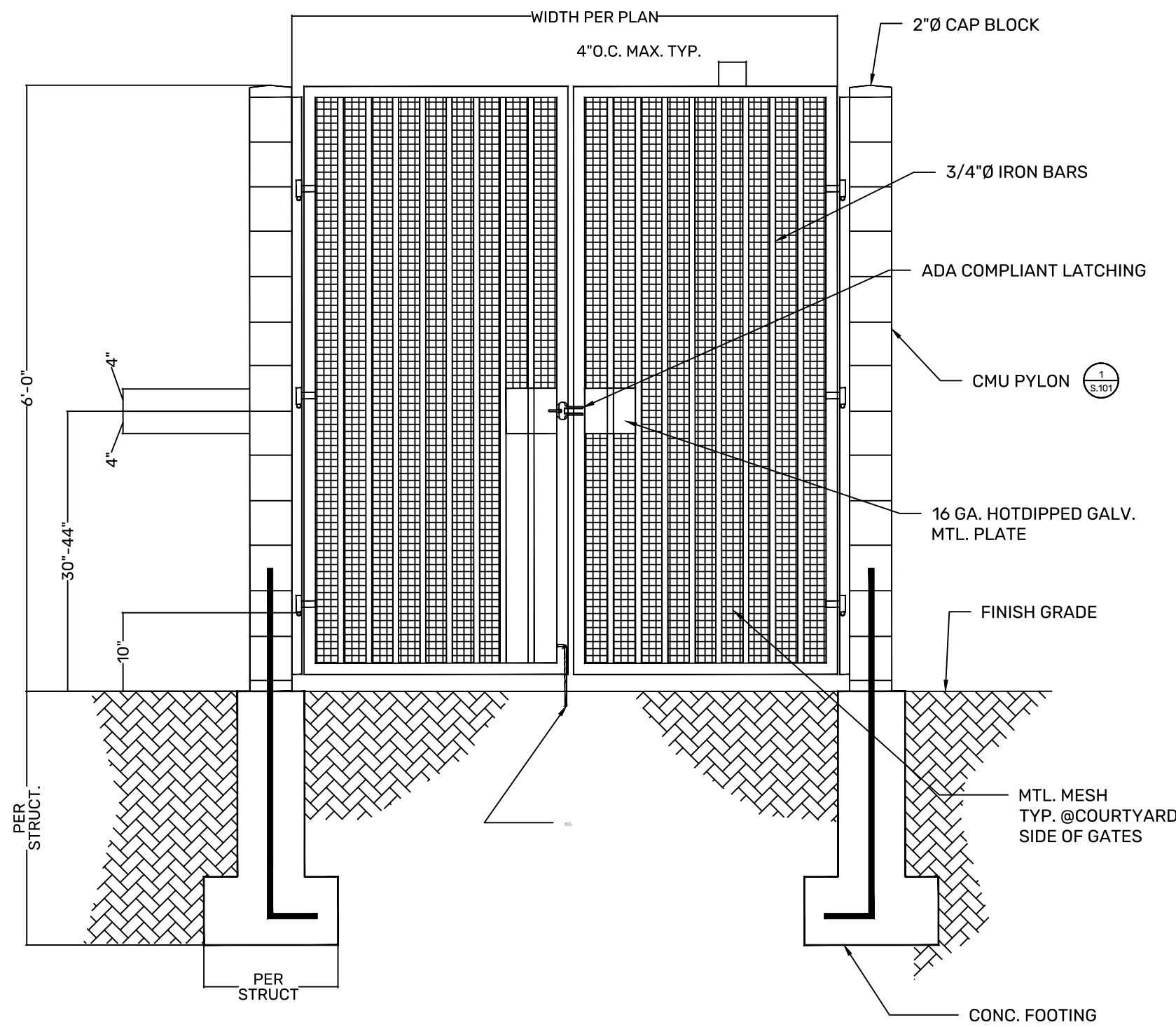
PAGE: 17 / 67



1 WATER TANK PAD BLOW UP
SCALE: 1/2" = 1'-0"

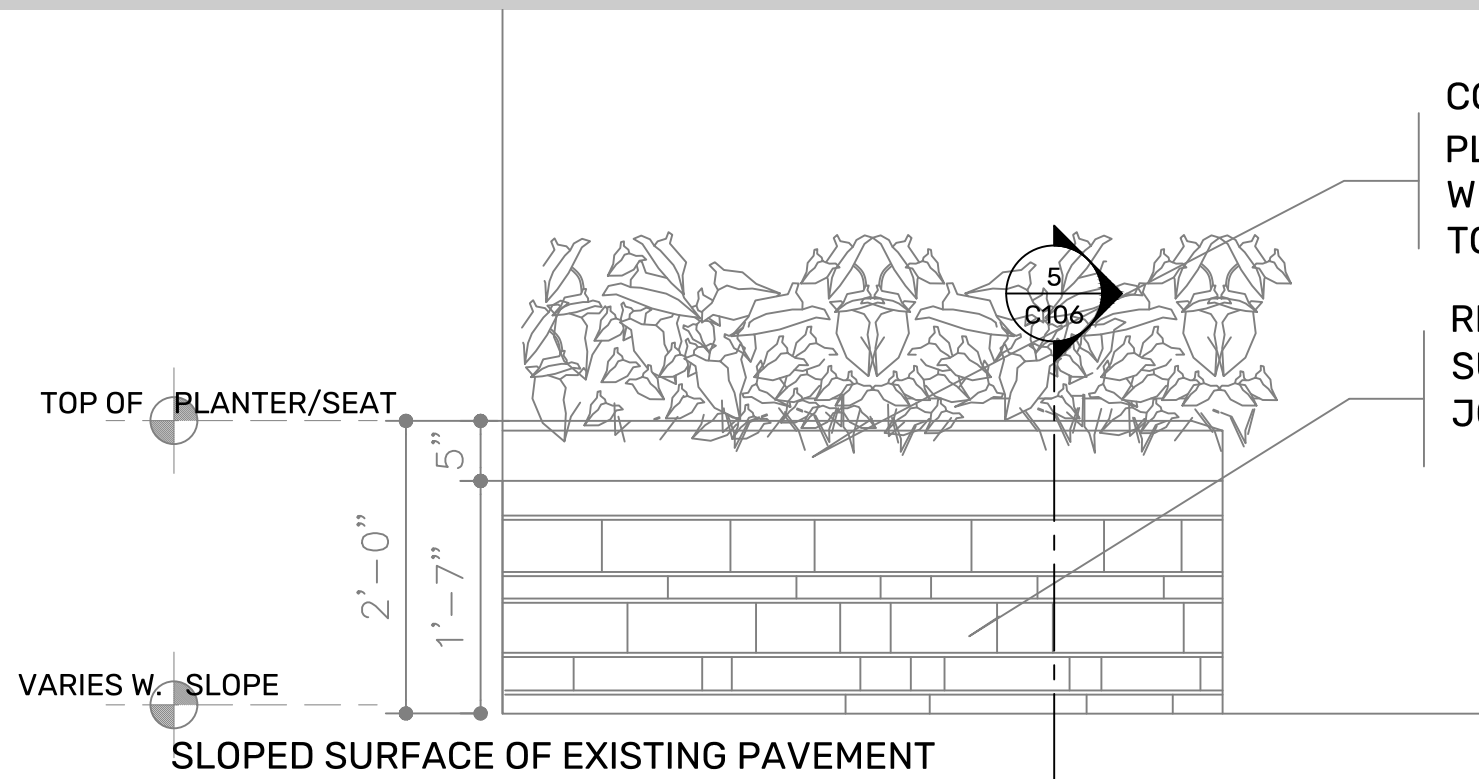


2 WATER TANK PAD SECTION
SCALE: 1/2" = 1'-0"

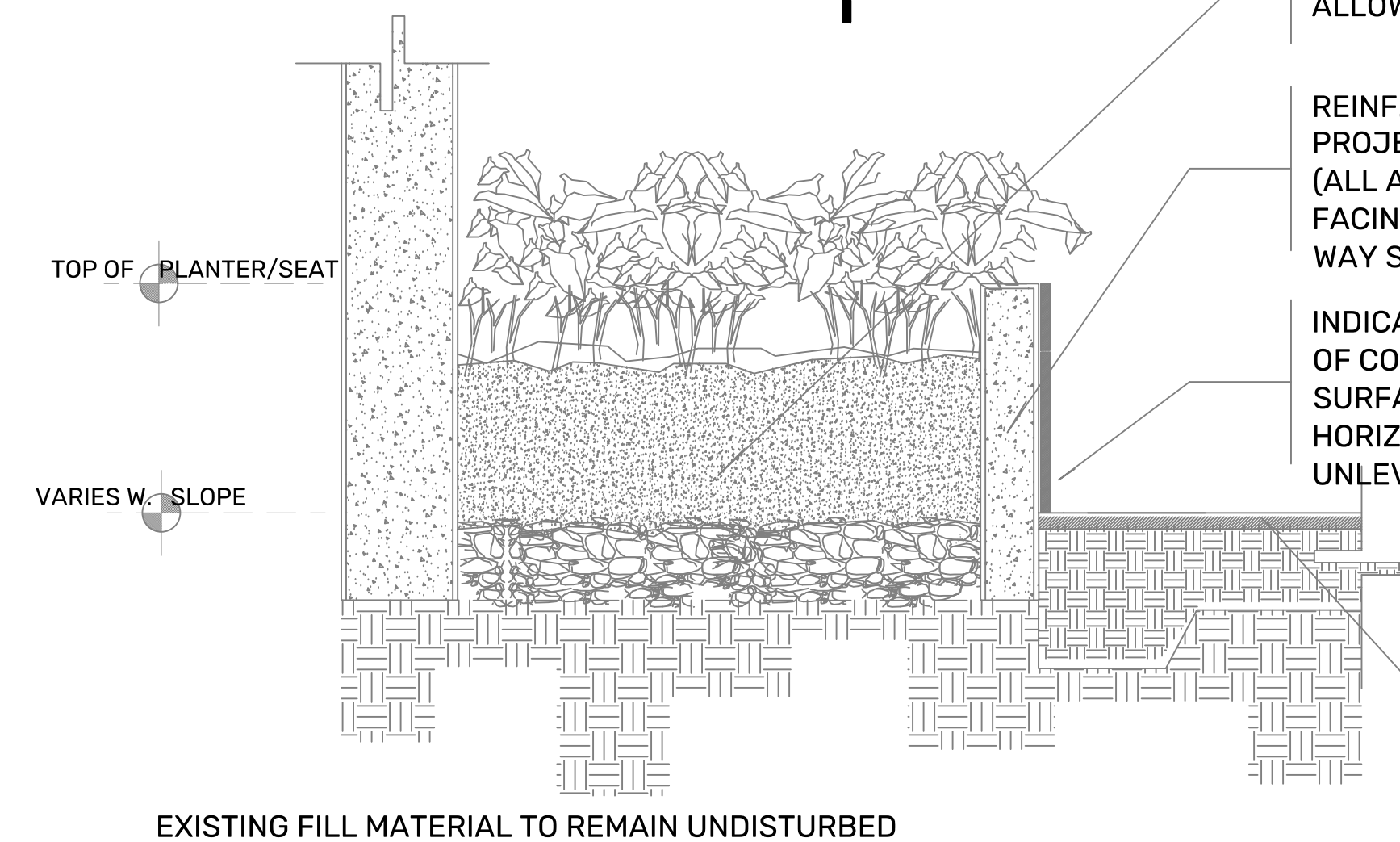


ELEVATION VIEW
SCALE: 1/2"=1'-0"

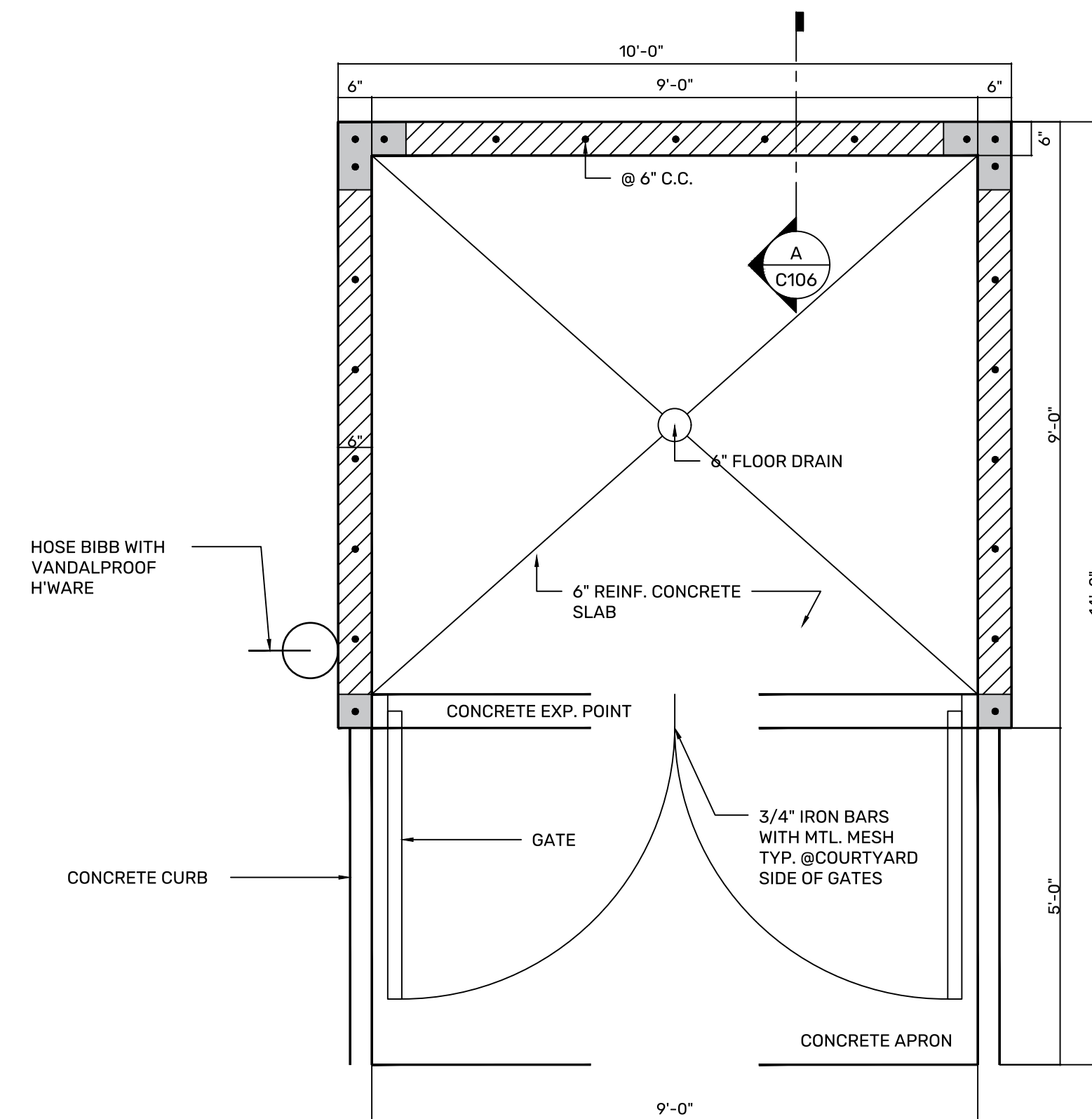
5 GARBAGE STATION
SCALE: AS SHOWN



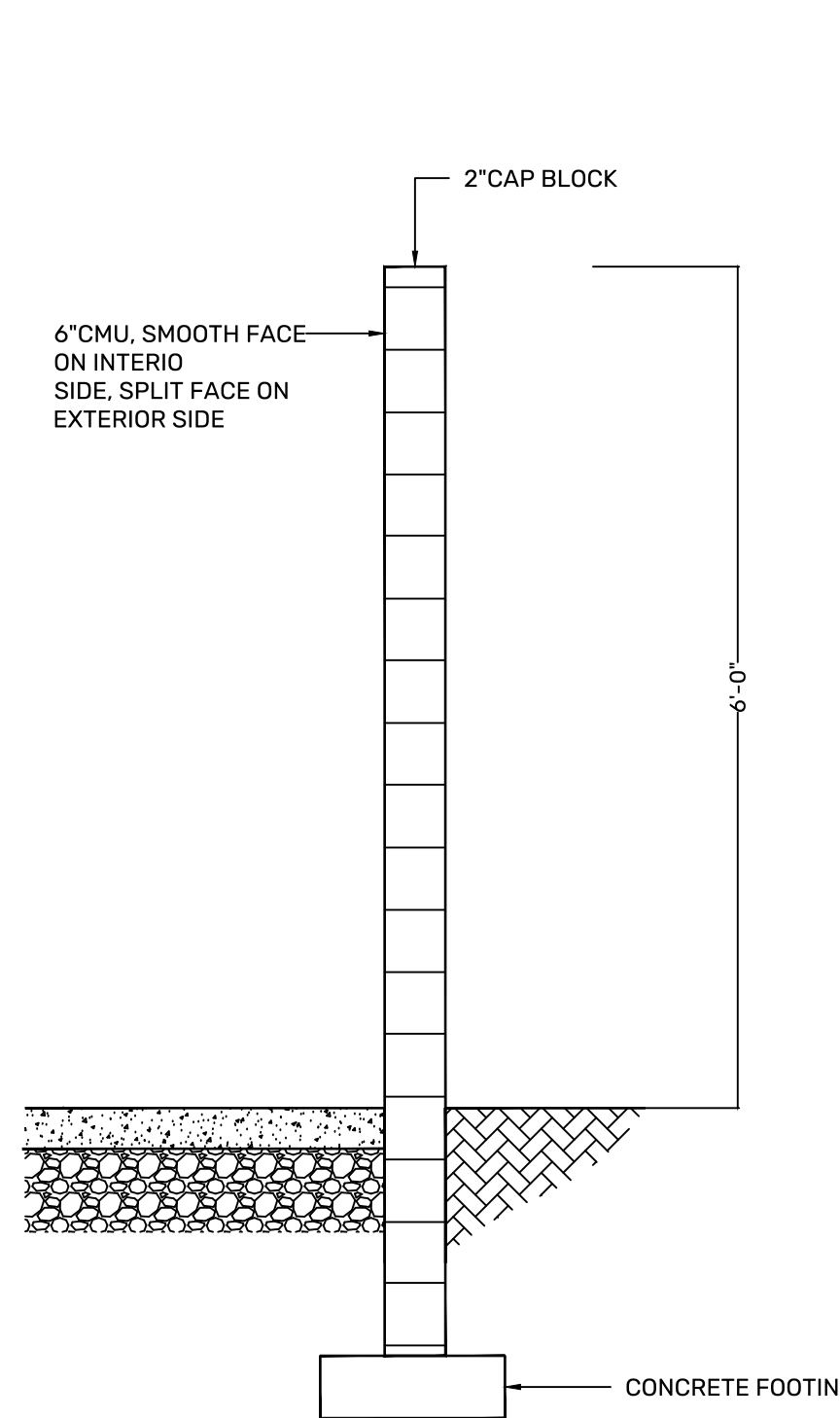
3 PLANTER ELEVATION DETAIL
SCALE: 3/4" = 1'-0"



4 PLANTER SECTION DETAIL
SCALE: 3/4" = 1'-0"



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



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

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738
LAT/LONG
18.332893, -65.658025
OWNER
FAJARDO MUNICIPALITY

REGISTER No.
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REV.	DATE	DESCRIPTION	BY	CHK'D
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IPG INGENIUM
PROFESSIONAL GROUP
654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 936-5800 / 5891
Email: info@ingeniumgroup.com

SIGNATURE
Ingeniero
Licenciado
William Meléndez Rivas
Lic. 16383 P.E.
Puerto Rico

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Plot Scale: AS SHOWN
Progress Print:
TITLE
TYPICAL SITE DETAILS

DRAWING No.

C106

PAGE: 18 / 67

GENERAL NOTES:

1. THESE GENERAL NOTES ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES.
2. REFER TO THE GENERAL CONDITIONS AND DIVISION 1 "GENERAL REQUIREMENTS IN THE SPECIFICATIONS.
3. CONTRACTOR AND ALL TRADES SHALL NOTE REQUIREMENTS OF "GENERAL NOTES" ON ALL SHEETS.
4. WHERE INFORMATION MAY BE AT VARIANCE BETWEEN PLANS AND SPECIFICATIONS, THE PLANS SHALL GOVERN, HOWEVER, IF CERTAIN INFORMATION IS NOTED ONLY ON THE PLANS OR ONLY IN THE SPECIFICATIONS, THE INFORMATION WILL BE CONSIDERED AS VALID AS BEING NOTED ON PLANS AND IN THE SPECIFICATIONS.
5. THE CONTRACTOR SHALL VISIT THE PROJECT SITE TO VERIFY EXISTING CONDITION AND IDENTIFY VISIBLE PROBLEM AREAS OR DIFFICULTIES IN ORDER TO INCLUDE ALL COST IN BASE BID.
6. IF SPACE IS AVAILABLE, THE OWNER MAY PERMIT THE CONTRACTOR TO STORE SOME MATERIALS, EQUIPMENTS AND TOOLS ON THE SITE IN AN AREA APPROVED BY THE OWNER. THE CONTRACTORS ACCEPTS FULL RESPONSIBILITY FOR ANY AND ALL STORED MATERIALS, EQUIPMENTS AND TOOLS.
7. THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND GRADE CONDITIONS, (BOTH NEW AND EXISTING) REPORTING ANY DISCREPANCIES TO THE ARCHITECT/ ENGINEER PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH ANY PHASE OF THE WORK.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS (UNLESS NOTED OTHERWISE) AND WORKMANSHIP IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL BUILDING CODES AND THEIR REQUIREMENTS.
9. GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ARCHITECT/ENGINEER APPROVAL FOR ALL ITEMS CALLED FOR OR INDICATED ON PLANS BUT NOT SPECIFICALLY DETAILED. WHERE FURTHER CLARIFICATION FOR CONSTRUCTION IS REQUIRED, THE ARCHITECT/ ENGINEER WILL SUBMIT DETAILS ON REQUEST.
10. ALL WORK SHALL BE DONE IN A THOROUGH AND WORKMANLIKE MANNER IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS AND DRAWINGS. THE LATEST EDITION OF THE APPLICABLE CODES (FOR ANY SPECIFIC WORK) SHALL BE FOLLOWED EXCEPT WHERE LOCAL REGULATIONS ARE MORE STRINGENT IN WHICH CASE LOCAL REGULATIONS SHALL GOVERN.
11. THE CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT/ENGINEER PRIOR TO FABRICATION OR INSTALLATION OF STRUCTURAL MEMBERS.
12. REFER TO ALL CONSTRUCTION DOCUMENTS FOR REQUIREMENTS WHICH MAY AFFECT THE WORK IN ANOTHER DISCIPLINE AND COORDINATE WORK.
13. DIMENSIONS ARE FACE OF CONCRETE, FACE OF MASONRY, AND CENTER LINE OF ANY PARTITIONS UNLESS INDICATED OTHERWISE.
14. REFER TO DETAILS FOR ADDITIONAL DIMENSIONAL INFORMATION.
15. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, FLOOR SLOPES AND THE LOCATION OF DEPRESSED FLOOR AREAS.
16. ELEVATIONS INDICATED ON THE GENERAL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, FIRE PROTECTION AND PLUMBING DRAWINGS AMONG OTHERS ARE BASED ON AN ASSIGNED REFERENCE ELEVATION OF THE CURRENT FINISH FLOOR ELEVATION. THE ACTUAL FIRST FLOOR ELEVATIONS ARE BASED ON THE DATUM SHOWN ON THE TOPOGRAPHIC AS-BUILT, EXISTING GRADING PLAN AND/OR THE PROPOSED GRADING PLAN SHEETS.
17. PRINCIPAL OPENINGS IN THE STRUCTURE ARE SHOWN ON THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR REQUIRED OPENINGS AS THEY SHALL BE PROVIDED FOR WHETHER SHOWN ON THESE DRAWINGS OR NOT. GENERAL CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH ALL SUB-CONTRACTORS PRIOR TO CONSTRUCTION.
18. DO NOT SCALE DIMENSIONS FROM DRAWINGS. THE CONTRACTOR SHALL REQUEST, FROM THE ARCHITECT/ ENGINEER NECESSARY DIMENSIONS NOT SHOWN ON THE DRAWINGS.
19. IF ANY BIDDER IS IN DOUBT AS TO THE INTENT OF THE PLANS OR SPECIFICATIONS, THEY SHALL REQUEST AN INTERPRETATION FROM THE ARCHITECT/ENGINEER IN WRITING AT LEAST TEN (10) DAYS PRIOR TO THE BID DATE.
20. THE WORD "PROVIDE" MEANS "FURNISH AND INSTALL".
21. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR

- ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE, ALL APPLICABLE SAFETY REGULATIONS TO BE FOLLOWED STRICTLY.
22. THE STRUCTURE AS BEEN DESIGNED TO RESIST DESIGN LOADS ONLY AS A COMPLETED STRUCTURE. APPLICATIONS OF CONSTRUCTION LOADS TO THE PARTIALLY COMPLETED STRUCTURE SHALL BE CONSIDERED BY THE CONTRACTOR AND SO INCLUDED IN THE DESIGN OF SHORING, BRACING, FRAMEWORK, AND ANY OTHER SUPPORTING ELEMENTS PROVIDED FOR CONSTRUCTION OF THE STRUCTURE. DURING ERECTION AND UNTIL ALL PERMANENT CONNECTIONS ARE MADE, THE CONTRACTOR MUST PROVIDE TEMPORARY BRACING FOR THE STRUCTURE IN ALL DIRECTIONS.
23. SEE PLANS AND SPECIFICATIONS FOR ALL WORKS REQUIRING INSPECTION, TESTING AND/OR CERTIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THOSE WORKS.
24. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN CLEAN AT ALL TIME THE CONSTRUCTION SITE. THE CONTRACTOR ALSO SHALL BE RESPONSIBLE OF REMOVE AND DISPOSE OUT OF PROPERTY ALL THE DEBRIS AND GARBAGE GENERATED BY THE CONSTRUCTION WORKS.
25. THE CONTRACTOR SHALL MADE ALL REASONABLE EFFORTS TO RECYCLE AND RECOVER CONSTRUCTION AND DEMOLITION WASTE FROM THE PROJECT. A MINIMUM OF 50% BY WEIGHT, OF TOTAL PROJECT SOLID WASTE SHALL BE DIVERTED FROM THE LANDFILL IN ACCORDANCE WITH THE EXECUTIVE ORDER 13423 "STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY AND TRANSPORTATION MANAGEMENT" JANUARY 24, 2007.

26. THE CONTRACTOR SHALL PROVIDE ON-SITE INSTRUCTIONS FOR SEPARATING, HANDLING, RECYCLING SALVAGE, REUSE AND RETURN METHODS TO BE USED BY ALL PARTIES AT THE APPROPRIATE STAGES OF THE PROJECT. RECORDS SHALL BE MAINTAINED TO DOCUMENT THE QUANTITY OF WASTE DISPOSED OF BY LANDFILL OR INCINERATION. THE CONTRACTOR SHALL SUBMIT THIS REPORT AND THE DISPOSAL MANIFESTO OF ALL NON-HAZARDOUS CONSTRUCTION AND DEMOLITION WASTE GENERATION.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING, FOLLOW UP AND OBTAINING ALL APPLICABLE PERMITS FOR THE REALIZATION OF THE PROJECT AS PER JOINT PERMIT REGULATIONS FOR BUILDING PERMITS AND LAND USE ADOPTED BY THE PERMIT MANAGEMENT OFFICE (OGPE IN SPANISH) UNDER LAW 161 AND FOR ANY AUTONOMOUS MUNICIPALITY OF THE COMMONWEALTH OF PUERTO RICO, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

SINGLE OPERATIONAL INCIDENTAL PERMIT (PU) AND/OR PERMITS FOR INSTALLATION OF SIGNS AMONG OTHERS.

ABBREVIATIONS:

- A**
- Ø — DIAMETER OR ROUND
 - # — POUND OR NUMBER
 - A/C — AIR CONDITIONER
 - AHU — AIR HANDLING UNIT
 - ALUM. — ALUMINUM
 - APPX. — APPROXIMATE
 - ARCH. — ARCHITECTURAL
 - ASH — AUTOMATIC SPRINKLER HEAD
 - ASR — AUTOMATIC SPRINKLER RISER
 - ASU — AIR SUPPLY UNIT
 - AUX. — AUXILIARY
 - AV — AUDIO VISUAL
 - AVG. — AVERAGE
 - AVT — AIR VENT
- B**
- BD. — BOARD
 - BLDG. — BUILDING
 - BLKG. — BLOCKING
 - BM. — BEAM
 - BPL — BASE PLATE
 - BRG. — BEARING
 - BRCG. — BRACING
- C**
- CAB. — CABINET
 - CAV. — CAVITY
 - CEM. — CEMENT
 - CB — CATCH BASIN
 - CBP — CEMENT BOARD WITH PLASTER
 - CJ — CONTROL JOINT
 - CL — CENTER LINE
 - CLG. — CEILING
 - CLO. — CLOSET
 - CMU — CONCRETE MASONRY UNIT
 - CO — CLEAN OUT
 - COL. — COLUMN
 - CONC. — CONCRETE
 - CONF. — CONFERENCE
 - CONSTR.— CONSTRUCTION
 - CONT. — CONTINUOUS
 - CORR. — CORRIDOR
 - CS — CONCRETE SEALED
 - CT — CERAMIC TILE
 - CU FT — CUBIC FEET
 - CU YD — CUBIC YARD
 - CW — COLD WATER PIPING

- D**
- D — DEEP DEPTH
 - DBL. — DOUBLE
 - DET. — DETAIL
 - DIA. — DIAMETER
 - DIM. — DIMENSION
 - DN. — DOWN
 - DMPR. — DAMPER
 - DR. — DOOR
 - DS. — DOWNSPOUT
 - DWG. — DRAWING
- E**
- EA. — EACH
 - EF — EACH FACE
 - ELEV. — ELEVATION
 - ELEC. — ELECTRICAL
 - EQ. — EQUAL/-LY
 - EQUIP. — EQUIPMENT
 - EXIST. — EXISTING
 - EXP. — EXPANSION
 - EXT. — EXTERIOR

- F**
- F/ — FACE OF
 - FD — FLOOR DRAIN
 - FE — FIRE EXTINGUISHERS
 - FF — FINISH FLOOR
 - FDTN. — FOUNDATION
 - FH — FIRE HYDRANT
 - FIN. — FINISH
 - FLUOR. — FLUORESCENT
 - FR. — FRAME
 - FRTW — FIRE RETARDANT TREATED WOOD
 - FTG. — FOOTING

- G**
- GA. — GAGE
 - GALV. — GALVANIZED
 - GEN. — GENERAL
 - GWB — GYPSUM WALL BOARD

- H**
- HB — HOSE BIBB
 - HC — HOLLOW CORE
 - HDW — HARDWARE
 - HM — HOLLOW METAL
 - HORIZ. — HORIZONTALLY
 - HP — HIGH POINT
 - HR. — HOUR
 - HVAC — HEATING, VENTILATION, A/C
 - HW — HOT WATER PIPING
 - HWY — HIGHWAY

- I**
- ID — INTERIOR DESIGN
 - INCL. — INCLUDED
 - INT. — INTERIOR

- J**
- JAN. — JANITOR
 - JT. — JOINT

- K**
- KIT. — KITCHEN

- L**
- LAM. — LAMINATE/ION
 - LAV. — LAVATORY
 - LBL. — LABEL
 - LH — LEFT HAND
 - LP — LOW POINT
 - LTD. — LIMITED
 - LWTW — LIGHTWEIGHT
 - LVR. — LOUVER

- M**
- MAINT. — MAINTENANCE
 - MAS. — MASONRY
 - MATL. — MATERIAL
 - MAX. — MAXIMUM
 - MED. — MEDIUM
 - MECH. — MECHANICAL
 - MFR. — MANUFACTURER
 - MH. — MANHOLE
 - MID. — MIDDLE
 - MIN. — MINIMUM
 - MISC. — MISCELLANEOUS
 - MO — MASONRY OPENING
 - MTD — MOUNTED, MOUNTING
 - MTL. — METAL

- N**
- NA — NOT APPLICABLE
 - NIC — NOT IN CONTRACT
 - NO. — NUMBER
 - NTS — NOT TO SCALE

- O**
- OC — ON CENTER
 - OFF. — OFFICE
 - OPEN. — OPENING
 - OPT. — OPTIONAL

- P**
- PAR. — PARALLEL
 - PER. — PERIMETER
 - PH. — PHASE
 - PLBG. — PLUMBING
 - PNL. — PANEL
 - PROJ. — PROJECT
 - PROP. — PROPERTY
 - PTD. — PAINTED
 - PTE — EPOXY PAINT
 - PVC — POLYVINYLCHLORIDE
 - PWD. — PLYWOOD

- Q**
- QTY. — QUANTITY
 - QT — QUARRY TILE

- R**
- R. — RADIUS
 - RD — ROOF DRAIN
 - REC. — RECESSED
 - RECT. — RECTANGULAR
 - RD. — ROAD
 - REINF. — REINFORCE
 - REV. — REVISION
 - RGF. — ROOFING
 - RH — RIGHT HAND
 - RI. — RISER
 - RM. — ROOM
 - RO — ROUGH OPENING
 - ROW — RIGHT OF WAY
 - RV — ROOF VENT

- S**
- SAN. — SANITARY
 - SC — SOLID CORE
 - SCLG. — SUSPENDED CEILING
 - SCHED. — SCHEDULE
 - SCP — SMOOTH CEMENT PLASTER
 - SCWD — SOLID CORE WOOD
 - SD — SMOKE DETECTOR
 - SL — SEA LEVEL
 - SF — SQUARE FOOT
 - SGL. — SINGLE
 - SHT. — SHEET
 - SIM. — SIMILAR
 - SQ. FT. — SQUARE FOOT
 - SQ. IN. — SQUARE INCH
 - SQ. YD. — SQUARE YARD
 - SP — STAND PIPE
 - SPECS. — SPECIFICATIONS
 - SS — STORM SEWER
 - S/S — STAINLESS STEEL
 - ST. — STREET
 - STR. — STAIR
 - STO. — STORAGE
 - STD. — STANDARD
 - STL. — STEEL
 - STRUCL. — STRUCTURAL
 - SUSP. — SUSPENDED
 - SW. — SWITCH
 - SWR. — SEWER

- T**
- T/ — TOP OF
 - TD — TRENCH DRAIN
 - TEL. — TELEPHONE
 - TEMP. — TEMPORARY
 - TERM. — TERMINAL
 - THK — THICK/-NESS
 - THRU. — THROUGH
 - TR. — TREAD
 - TS — TUBE STEEL
 - TV. — TELEVISION
 - TYP. — TYPICAL

GENERAL SYMBOLS LEGEND:

	MULTIPLE INTERIOR ELEVATIONS		GYPSUM BOARD WALL		WINDOW
	ELEVATION		GYPSUM BOARD WALL W/ INSULATION OR SOUND ATTENUATION BLANKET		CHAIN LINK FENCE
	DETAIL		REINFORCED CONCRETE WALL		BARBED WIRE FENCE
	FOUNDATION SYMBOL		STEEL MESH PARTITION		NOTE IDENTIFICATION
	BUILDING/STRUCTURE WALL SECTION		REINFORCED CONCRETE COLUMN		
	BUILDING/STRUCTURE CROSS SECTION		EARTH SURFACE		
	DETAIL CROSS SECTION		GRASS SURFACE		
	BREAK LINE		CONCRETE BLOCK SURFACE		
	LEADER LINE		TILE SURFACE		
	CENTER LINE		GLASS SURFACE		
	MARKED SURFACE		GRATING AREA		
	DIMENSION LINE		OPENING AREA		
	ANGULAR DIMENSION		ACOUSTICAL CEILING		
	RADIUS DIMENSION		SINGLE HINGED DOOR		
	STEP ON FLOOR		DOUBLE HINGED DOOR		
	FINISH FLOOR OR ROOF ELEVATION		BIFOLD DOOR		
	BUILDING COLUMNS, WALLS OR DRAWING AXIS		POCKET DOOR		
	ROOM IDENTIFICATION		SINGLE SLIDING DOOR		
	DOOR TAG		DOUBLE SLIDING DOOR		
	WINDOW TAG		ROLLING DOOR		
	ADDENDUM TAG				
	EXISTING STRUCTURE TO REMAIN				
	MASONRY WALL				

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SIGNATURE

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Ingeniero
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FILE

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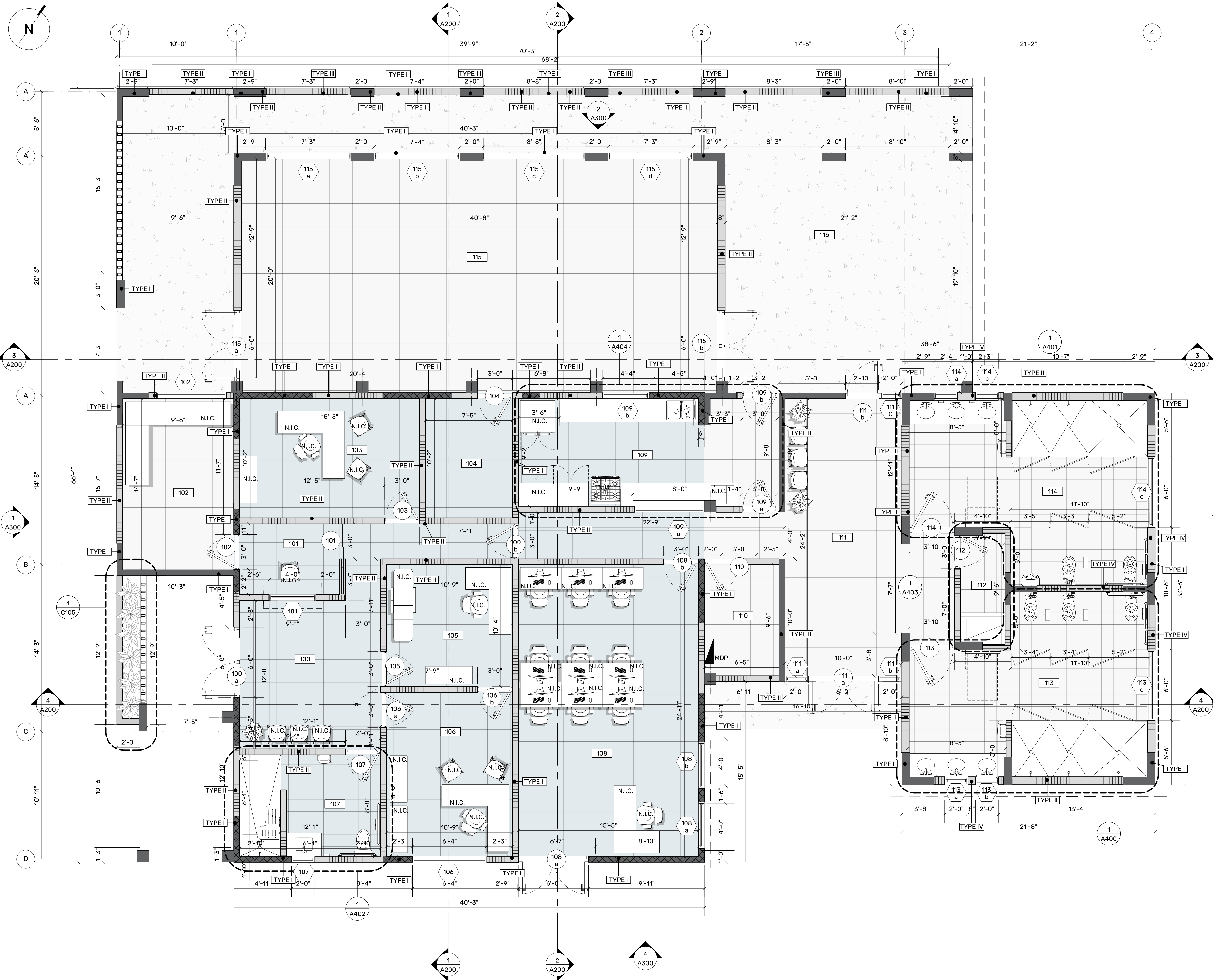
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TITLE
ARCHITECTURAL NOTES & SYMBOLS

DRAWING No.

A001



1 PROPOSED IMPROVEMENTS PLAN _BUILDING A
SCALE: 1/4" = 1' - 0"

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV. DATE DESCRIPTION BY CHK'D

IMPORTANT NOTES TO THE CONTRACTOR:
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CERTIFICATION
I, WILLIAM MELENDEZ RIVAS, LIC. 16383, CERTIFY THAT I AM THE PROFESSIONAL WHO [MADE, DESIGNED OR PREPARED] THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS AND THE APPLICABLE PROVISIONS OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES, REGULATORY BOARDS OR PUBLIC CORPORATIONS WITH JURISDICTION. I FURTHER CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE PROVISIONS OF LAW 14-2004, AS AMENDED, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE (LAW NO. 339 OF MAY 15, 1938, AS AMENDED; ACT NO. 96 OF JULY 6, 1978, AS AMENDED; AS APPLICABLE). I ACKNOWLEDGE THAT ANY FALSE STATEMENT OR MISREPRESENTATION OF FACTS THAT HAS BEEN PRODUCED BY IGNORANCE OR NEGLIGENCE, EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHERS WITH MY KNOWLEDGE, MAKES ME RESPONSIBLE FOR ANY JUDICIAL AND DISCIPLINARY ACTION BY THE CODE.



654 Ave. Muñoz Rivera - Suite 1538
654 Plaza, San Juan, PR 00738
Tel: (787) 738-5890 / 5891
Email: info@ingeniumgroup.com

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

TITLE

PROPOSED IMPROVEMENTS
PLAN _BUILDING A

DRAWING No.

A100

PAGE: 19/53

FINISHES SCHEDULE - CRITERIA

FINISHES SCHEDULE					
ROOM	DESCRIPTION	FLOOR	WALLS	W/BASE	CEILING
100	HOLDING AREA	FF-0	WF-0	WB-0	CL-1
101	RECIPE BOOK	FF-0	WF-0	WB-0	CL-1
102	STORAGE	FF-0	WF-0	WB-0	CL-1
103	ADMINISTRATION OFFICE	FF-0	WF-0	WB-0	CL-1
104	ACTIVITY AREA STORAGE	FF-0	WF-0	WB-0	CL-1
105	MEDICAL ATTENTION AREA	FF-0	WF-0	WB-0	CL-1
106	MEDICAL OFFICE	FF-0	WF-0	WB-0	CL-1
107	BATHROOM	FF-1	WF-5/WF-6	WB-0	CL-1
108	ELECTRONIC LIBRARY	FF-0	WF-0	WB-0	CL-1
109	CANTEEN	FF-0	WF-4	WB-0	CL-1
110	ELECTRIC ROOM	FF-0	WF-0	WB-0	CL-1
111	LOBBY AREA	FF-0	WF-0	WB-0	CL-1
112	JANITOR CLOSET	FF-1	WF-0/WF-6	WB-0	CL-1
113	WOMEN'S RESTROOM	FF-1	WF-5/WF-6	WB-0	CL-1
114	MEN'S RESTROOM	FF-1	WF-5/WF-6	WB-0	CL-1
115	ACTIVITY AREA	FF-0	WF-0	WB-0	CL-0
116	OUTDOOR AREA	FF-2	WF-0	WB-0	CL-0

EXTERIOR FINISHES SCHEDULE			
ROOM	DESCRIPTION	FLOOR	WALLS
1	FRONT ELEVATION	FF-0	WF-1/WF-2/WF-3
2	REAR ELEVATION	FF-0	WF-1/WF-2
3	RIGHT ELEVATION	FF-0	WF-1/WF-2
4	LEFT ELEVATION	FF-0	WF-1/WF-2

WALL COMPOSITION SCHEDULE

WALL TYPE	DESCRIPTION
TYPE I	REINFORCED CONCRETE [STRUCTURAL PURPOSE] WALL/COLUMN. FINISH MAY BE EXPOSED OR ELSE, CEMENT PLASTERED INDICATED ON FINISH SCHEDULE ON THIS SHEET. REFER TO SECTIONS AND ELEVATIONS FOR MORE INFORMATION.
TYPE II	PROPOSED 6" REINFORCED CONCRETE MASONRY WALL WITH DUR-O WALL IN EACH COURSE AND VERTICAL REINFORCEMENT BARS #3 @ 16" WITHOUT SPLICE FOR THE FIRST TWO COURSES. CONSIDER CONCRETE REINFORCEMENT COLUMNS AT ALL CONNECTING CORNERS, ENDS, AND AROUND ALL OPENINGS. FOR MORE DETAILS SEE STRUCTURAL SHEETS. FINISHED IN CEMENT PLASTER AND PAINT AS INDICATED IN THE DRAWINGS.
TYPE III	PROPOSED 4" NON-BEARING DRYWALL PARTITION [FOR INTERIOR PURPOSE]. EXTENDS THROUGH CEILING PLANE UP TO BUILDING STRUCTURE. SINGLE SHEETS OF 5/8" THICK TYPE X GYP.BD PANELS FIXED TO 3-1/2" WIDE LIGHTWEIGHT GALV. SHEETMETAL STUDS @ 16" C.C. FIXED TO FLOOR TRACK AND TOP TRACK ONTO STRUCTURAL SLAB.
TYPE IV	PROPOSED 8" REINFORCED CONCRETE MASONRY WALL WITH DUR-O WALL IN EACH COURSE AND VERTICAL REINFORCEMENT BARS #3 @ 16" WITHOUT SPLICE FOR THE FIRST TWO COURSES. CONSIDER CONCRETE REINFORCEMENT COLUMNS AT ALL CONNECTING CORNERS, ENDS, AND AROUND ALL OPENINGS. FOR MORE DETAILS SEE STRUCTURAL SHEETS. FINISHED IN CEMENT PLASTER AND PAINT AS INDICATED IN THE DRAWINGS.

FINISHES CRITERIA

FLOOR FINISHES

FF-0:	PROPOSED 12"x24" CORSO ITALIA. ALPE GRAPHITE PORCELAIN FLOOR. INSTALL WITH MINIMUM JOINT TO COVER WITH GRAY EPOXY GROUT.
FF-1:	PROPOSED 18"x18" LIFEPROOF, CARRARA GLAZED PORCELAIN FLOOR TILE (WITH ANTISLIP SURFACE) IN BATHROOMS. INSTALL WITH MINIMUM JOINT TO COVER WITH GRAY EPOXY GROUT. TILES WILL BE PROVIDED AND INSTALLED BY CONTRACTOR.
FF-2:	PROPOSED BRUSH CONCRETE FLOOR FOR OUTDOOR AREAS.

WALL FINISHES

WF-0:	PROPOSED INTERIOR CONCRETE CEMENT WALLS. FINISH WITH 1/4" THICK PORTLAND CEMENT PLASTER OVER PROCESED CONCRETE. [PRIME WALL WITH (THORO-BOND) BONDING AGENT. ONCE THE PLASTER IS DRY AND HARD, APPLY TWO-COATS OF PREMIUM LATEX-BASED INTERIOR WHITE PAINT OVER PRIMER [PRIMER WILL BE SELECTED BY OWNER AND APPLIED BY GENERAL CONTRACTOR].
WF-1:	PROPOSED INTERIOR CONCRETE CEMENT WALLS. FINISH WITH 1/4" THICK PORTLAND CEMENT PLASTER OVER PROCESED CONCRETE. [PRIME WALL WITH (THORO-BOND) BONDING AGENT. ONCE THE PLASTER IS DRY AND HARD, APPLY TWO-COATS OF PREMIUM LATEX-BASED EXTERIOR WHITE PAINT OVER PRIMER [PRIMER WILL BE SELECTED BY OWNER AND APPLIED BY GENERAL CONTRACTOR].
WF-2:	PROPOSED INTERIOR CONCRETE CEMENT WALLS. FINISH WITH 1/4" THICK PORTLAND CEMENT PLASTER OVER PROCESED CONCRETE. [PRIME WALL WITH (THORO-BOND) BONDING AGENT. ONCE THE PLASTER IS DRY AND HARD, APPLY TWO-COATS OF PREMIUM LATEX-BASED EXTERIOR GRAY PAINT OVER PRIMER [PRIMER WILL BE SELECTED BY OWNER AND APPLIED BY GENERAL CONTRACTOR].
WF-3:	PROPOSED TEXTURE ON WALL. 42 IN. X 12 IN. STACKED STONE IRON ORE. COMPOSITE FAUX STONE SIDING PANEL. INSTALL WITH MINIMUM JOINT TO COVER WITH GRAY EPOXY GROUT.
WF-4:	PROPOSED 6"x6" DAL TILE. MATTE BISCUIT CERAMIC WALL TILE IN KITCHEN. INSTALL WITH MINIMUM JOINT TO COVER WITH GRAY EPOXY GROUT. BRIGHT TILES WILL BE PROVIDED AND INSTALLED BY CONTRACTOR.
WF-5:	PROPOSED 4"x4" DAL TILE. RESTORE GLAZED CERAMIC ASH GRAY SUBWAY WALL TILES IN SHOWERS. INSTALL WITH MINIMUM JOINT TO COVER WITH GRAY EPOXY GROUT. BRIGHT TILES WILL BE PROVIDED AND INSTALLED BY CONTRACTOR.
WF-6:	PROPOSED 4"x4" DAL TILE. RESTORE BRIGHT WHITE CERAMIC WALL TILE IN BATHROOMS. INSTALL WITH MINIMUM JOINT TO COVER WITH GRAY EPOXY GROUT. BRIGHT TILES WILL BE PROVIDED AND INSTALLED BY CONTRACTOR.

WALL BASE

WB-0:	PROPOSED WALL BASE'S WILL BE ATTAINED BY CUTTING THE SAME (FF-0, FF-1) FLOOR MATERIAL TO PRODUCE 4 IN HEIGHT - WALL BASE STRIPS.
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CEILING FINISHES

CF-0:	1/4" - THICK PORTLAND CEMENT PLASTER APPLIED DIRECTLY ON EXPOSED SURFACE OF CONCRETE SLAB. APPLY (THORO-BOND) BONDING AGENT PRIOR TO APPLY FINISH. ONCE THE PLASTER IS DRY AND HARD, APPLY TWO-COATS OF PREMIUM LATEX-BASED INTERIOR PAINT OVER PRIMER BLACK COLOR.
CF-1:	PROPOSED 24" X 24" ACOUSTICAL TILE SUSPENDED CEILING. COMPLETE WITH SUPPORTING FRAME ACOUSTIC TILE MUST BE EQUAL TO ARMSTRONG TUNDRA #304/ 9/ 16 WHITE FROM CONTRACTOR'S FURNISHED CATALOG OF READILY AVAILABLE MODELS. ALL TILES SHALL BE. SAG-RESISTANT AND FIRE-RATED.

FINISHES NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE
- THE AREA MARKED WITH A DIAGONAL LINE INDICATES THAT IT DOES NOT REQUIRE SUBSTANTIAL INTERVENTION. IT ONLY REQUIRES RESURFACING AND PAINTING WITH PRIMER AND 2 COATS OF PAINT ON WALLS AND CEILING. THE EXISTING FLOOR SHOULD BE POWER WASHED AND POLISHED.
- ANY INSTALLATION, PRODUCT AND MATERIAL SPECIFIED UNDER THIS PROJECT AND IDENTIFIED BY A TRADENAME OR TRADEMARK IS INTENDED ONLY IN ORDER TO ESTABLISH THE TYPE AND QUALITY OF THE INSTALLATION, PRODUCT AND MATERIAL CONTRACTOR MAY SUBMIT SUBSTITUTION FOR APPROVAL WHENEVER SUCH INSTALLATION, PRODUCT AND MATERIALS COMPLY WITH TECHNICAL SPECIFICATIONS.
- ALL ARCHITECTURAL FINISHES AND COLORS SHALL BE APPROVED BY THE ARCHITECT, WHEN REQUIRED IN THE CONTRACT DOCUMENTS, AND WITH PRIOR NOTICE TO THE CONTRACTOR, ANY OF THE ARCHITECTS APPROVAL MAY BE REFERED TO THE OWNER FOR ADDITIONAL APPROVAL. TIE USED FOR ALL THESE APPROVALS SHALL BE TAKEN ACCOUNTS FOR THE TOTAL CONSTRUCTION OF THE PROJECT.
- ALL CONCRETE BLOCK SURFACE SHALL BE FINISHED WITH CEMENT PLASTER $\frac{3}{8}$ " MINIMUM
- ALL CONCRETE BLOCK OR GYPSUM BOARD WALL SHALL BE BUILT UP TO 4" ABOVE CEILING MINIMUM, UNLESS OTHERWISE INDICATED.
- ALL GALVANIZED STEEL GUARDS FALS AND HANCRAWES SHALL BE PRIMED AND PAINTED; COLOR IN SELECTED BY ARCHITECT.
- THE CONTRACTOR MUST PROVIDE EXPANSION JOINTS FOR THE FLOOR. SUBMIT MODEL TO ARCHITECT FOR APPROVAL.

NOTES FOR PAINTING

- THE CONTRACTOR SHALL PAINT ALL INTERIOR AND EXTERIOR WALLS WITH THREE COATS OF PAINT OR ACCEPTED SUBSTITUTE SUCH AS TWO COATS OF PAINT WITH PRIMER, COLOR SHALL BE WHITE UNLESS OTHERWISE SPECIFIED OR SELECTED BY THE ARCHITECT.
- CONTRACTOR SHALL PROVIDE A 5 YEAR WARRANT ON ALL PAINT .
- THE THREE COATS SYSTEM CONSISTS OF A SEALER PRIMER COAT AND TWO FINISH COATS.
 - PRIMER EQUAL OR BETTER THAN INTERIOR LATEX PRIMER PREPRITE 400 828W400 BY SHERWIN WILLIAMS.
 - ACRYLIC LATEX MATTE FINISH EQUAL OR BETTER THAN A-100 SERIES BY SHERWIN WILLIAMS FOR THE EXTERIOR.
 - ACRYLIC LATEX EGG SHELL FINISH EQUAL OR BETTER THAN PROMAR-400 SERIES BY SHERWIN WILLIAMS FOR THE INTERIOR.
 - WATERBASED EPOXY COATING BY SHERWIN WILLIAMS FOR THE BATHROOMS.
- PAINT SHALL BE EQUAL OR SIMILAR APPROVED TO PRODUCT SPECIFIED BY ARCHITECT AND IN COMPLIANCE WITH PAINT TECHNICAL SPECIFICATION SECTION
- ALL EXTERIOR WALL SURFACE SHALL BE PAINT AND RETOUCHEED AS NECESSARY. AFTER COMPLETION OF CONSTRUCTION WORK
- CONTRACTOR SHALL REPAIR DAMAGED CONCRETE BEFORE PAINTING.
- DOOR PAINT SYSTEM CONSISTS OF ONE COAT OF PRIMER AND TWO FINISH COATS.
 - PRIMER EQUAL OR BETTER THAN ALL SURFACE ENAMEL OIL PRIMER A11 SERIES BY SHERWIN WILLIAMS.
 - ALL SURFACE ENAMEL OIL PAINT A11 SERIES BY SHERWIN WILLIAMS.
- CONTRACTOR SHALL PROVIDE AND INSTALL IDENTIFICATION SIGNS FOR ALL SPACES.

WATER PROOFING

- WARRANTY FOR THE WATERPROOFING TREATMENT SHALL BE A 5 YEARS IN ADDITION TO REGULAR MANUFACTURER AND INSTALLER WARRANTIES.
- ALL DEMOLITION AND CONSTRUCTION WORK SHALL BE COORDINATED WITH THE OWNER TO PREVENT POSSIBLE CONFLICTS WITH THE OWNER'S NORMAL WORKING CONDITIONS.
- THE CONTRACTOR SHALL APPLY A SYSTEM EQUAL OR SUPERIOR TO THE ONE SPECIFIED. PROPOSED PRODUCTS SHALL HAVE EQUAL OR BETTER CHARACTERISTICS THAN THE ONE SPECIFIED. PRODUCTS WITH CHARACTERISTICS LESS THAN THE ONE SPECIFIED WILL NOT BE ACCEPTED FOR THIS PROJECT.
- CONTRACTOR SHALL PROVIDE, USE, AND/OR INSTALL ANY COMPONENT OR PRODUCT FOR THE REQUIRED SYSTEM, NOT SPECIFIED BUT NECESSARY FOR THE PROPER INSTALLATION OF THE WATERPROOFING SYSTEM.
- WORK SHALL BE VERIFY AND CERTIFIED BY A QUALIFIED REPRESENTATIVE FROM THE MANUFACTURER OF THE WATERPROOFING SYSTEM.
- CONTRACTOR SHALL VISIT THE PROJECT SITE TO BECOME FAMILIAR WITH THE REQUIRED WORK AND SHALL VERIFY ACTUAL DIMENSIONS AND CONDITIONS TO CONSIDER ANY DIFFICULTIES AND COST IN BASE BID.
- WORK SHALL BE PERFORMED BY PERSONNEL SKILLED IN THIS TRADE AND WITH THE BEST PRACTICE OF THE TRADE.

ROOF SCOPE OF WORK

- THE WATERPROOFING SYSTEM CONSISTS OF:
 - PRESSURE WASH CLEAN ALL ROOF AREAS.
 - INSTALL ONE PLY WHITE ALUMINUM SBS MODIFIED BITUMEN TOP MEMBRANE SIMILAR TO GLASDAN AL80 PEARL WHITE.
- INSTALL CAP FLASHINGS AT ALL PARAPETS FOLLOWING MANUFACTURER.S RECOMENDATIONS SEE TYP. DETAIL ON SHEET A103
- INSTALL CHEM CURBS TO ANY TUBING THAT PASSES THROUGH THE WATERPROOFING SYSTEM.

PROJECT ADDRESS
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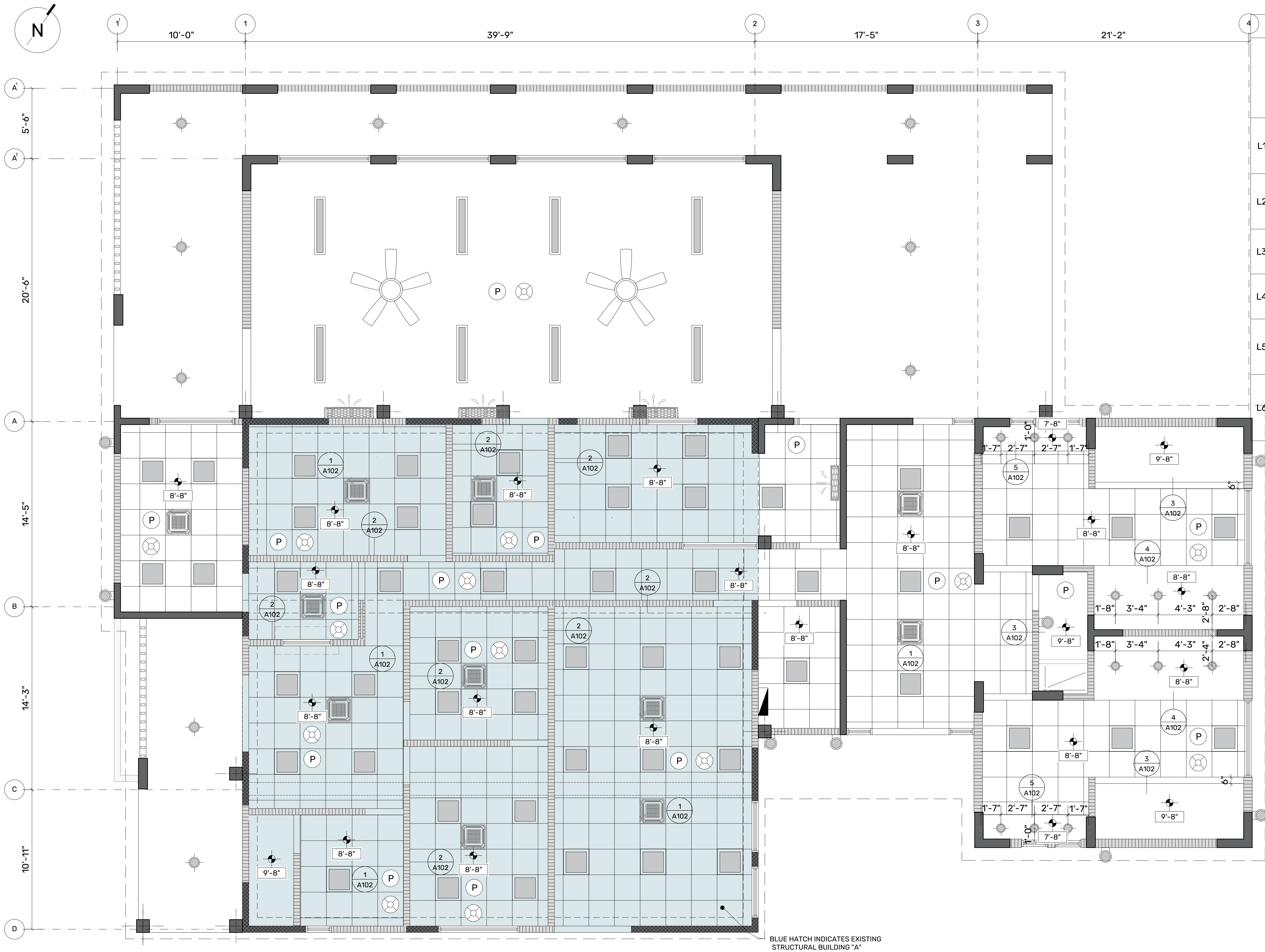
654 Ave. Muñoz Rivera - Suite 183B
654 Plaza, San Juan, PR 00738
Tel: (787) 918-5800 / 5991
Email: info@ingeniumgroup



FILE
Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
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Plot Scale: AS SHOWN
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TITLE
FINISHES SCHEDULE

DRAWING No.
A100A
PAGE: 21/67



BLUE HATCH INDICATES EXISTING STRUCTURAL BUILDING "A"

1 PROPOSED REFLECTED CEILING

SCALE: 1/4"= 1'-0"

LIGHTING FIXTURES SCHEDULE

ID	DESCRPTIO N	MOUN T TYPE	MANUFACT URER	MODE L
L1	2'X2' EDGE LIT ARCHITECTURAL LED FLAT PANEL HIGH EFFICIENCY DIRECT TROFFER	PANEL RECESSED	ALCON LIGHTING	14028
L2	6" PREMIUM DOWN LIGHT TRIM. ANODIZED ALUMINUM	CLEAR BAFFLE WITH WHITE TRIM	WAC LIGHTING	R6 VT21 SC
L3	7" WALL LIGHT WITH ACRYLIC SHADE	WALL MOUNTED	HAMPTON BAY	CA2191-W
L4	ARCHITECTURAL 4 INCH CYLINDER LED LIGHT UP AND DOWN LIGHT	WALL MOUNTED	ALCON LIGHTING	11240-2
L5	ROUND DRUM CLOUD LED LIGHT FIXTURE	SURFACE	ALCON LIGHTING	12208
L6	50" AEON ARCHITECTURAL LINEAR FLOURESCENT LIGHT FIXTURE WITH LAMP	SURFACE	ALCON LIGHTING	6024

	ELEVATION OF THE CEILING, FROM THE FLOOR FINISH
	INDOOR CASSETTE UNIT CEILING MOUNT
	INDOOR MINI SPLIT UNIT WALL MOUNT
	STAINLESS STEEL CEILING FAN 72". OUTLET PUDDLE FAN LISTED JUNCTION BOX.
	ADDRESSABLE PHOTO ELECTRIC DETECTOR 900 FT. HFS - P (A) FIRE LITE ALARMS BY HONEY WELL.
	INDOOR CEILING STROBE LIGHT.

NOTES ON CEILING INTERVENTION:

- CEILING SYSTEM MUST BE INSTALLED ACCORDING TO NFPA STANDARDS. CONTRACTOR MUST SUBMIT FINAL LAYOUT FROM THE EQUIPMENT OF THE NEW SYSTEM. THE INTERIOR CONTRACTOR MUST ENSURE THAT ALL THE PERIMETER (DEMISING) WALLS OF THE LOCAL, REMAINS IN GOOD CONDITIONS TO RECEIVE THE NEW CEILING SYSTEM.
- QUANTITY AND LOCATION OF SMOKE DETECTION DEVICES SHOWN IN THIS PLAN IS SUGGESTED FURNISHER. COMPLETE WITH THE CORRESPONDENT CODE COMPLIANCE CERTIFICATION. CHANGES TO SUGGESTED LAYOUT ARE ACCEPTABLE IN AS MUCH AS THEY LIE WITHIN FURNISHER'S CERTIFICATION.
- THE CONTRACTOR IS RESPONSIBLE FOR MAKING THE ARCHITECT AWARE OF ANY QUESTIONS OR DISCREPANCIES REGARDING THE SCOPE OF WORK. EXISTING CONDITIONS, AND/OR INTENT. A WRITTEN CLARIFICATION FROM THE ARCHITECT IS REQUIRED PRIOR TO PROCEEDING WITH THE WORK IN QUESTION.
- IBC CATEGORY D: INSTALLATION REQUIREMENTS FOR CLASS D-TO ASTM C636 AND ASTM E580
 - MINIMUM 2" WALL MOLDING
 - SUSPENSION SYSTEM MUST BE ATTACHED TO TWO ADJACENT WALLS-OPPOSITE WALLS MUST HAVE A 3/4" CLEARANCE
 - ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT THEIR SPREADING
 - HEAVY-DUTY SUSPENSION SYSTEM
 - CEILING AREAS OVER 1,000 SF MUST HAVE HORIZONTAL RESTRAINT WIRE OR RIGID BRACING
 - CEILING AREAS OVER 2,500 SF MUST HAVE SEISMIC SEPARATION JOINTS OR FULL HEIGHT PARTITIONS
 - CEILINGS WITHOUT RIGID BRACING MUST HAVE 2" OVERSIZED TRIM RINGS FOR PENETRATIONS
 - CHANGES IN CEILING PLANE MUST HAVE POSITIVE BRACING
 - CABLE TRAYS AND ELECTRICAL CONDUITS MUST BE INDEPENDENTLY SUPPORTED AND BRACED
 - PERIMETER SUPPORT WIRES WITHIN 8"
- FOR ELECTRICAL AND MECHANICAL SPECIFICATIONS REFER TO ELECTRICAL AND MECHANICAL PLANS.
- ALL MEASUREMENTS ARE MINIMUM TO COMPLY WITH CODE. DO NOT SCALE DRAWINGS. CONTRACTOR MUST SUBMIT AN RFI TO THE ARCHITECT OF RECORD FOR CLARIFICATION.

PROJECT ADDRESS
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IPG INGENIUM
PROFESSIONAL GROUP

654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 938-5800 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

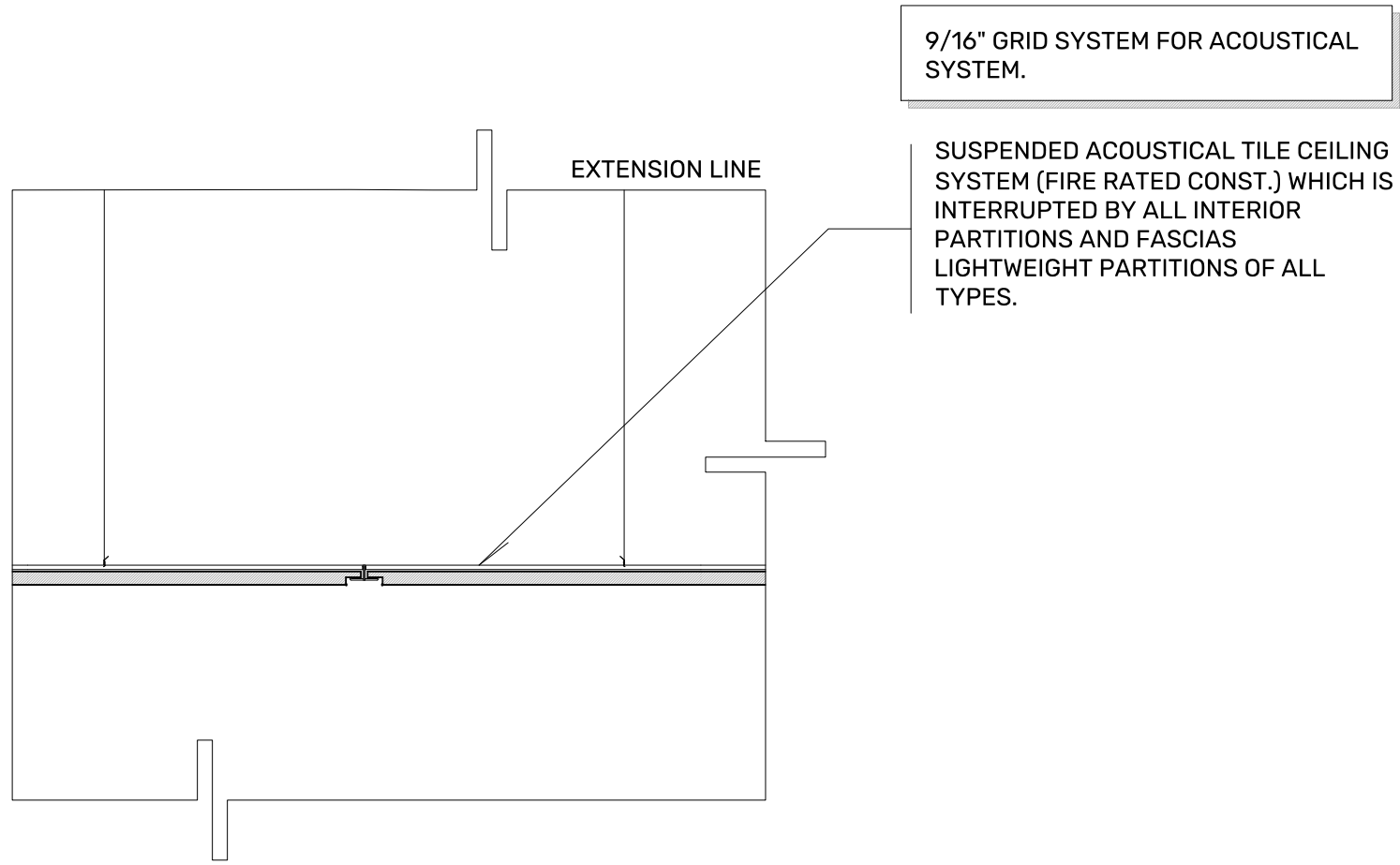
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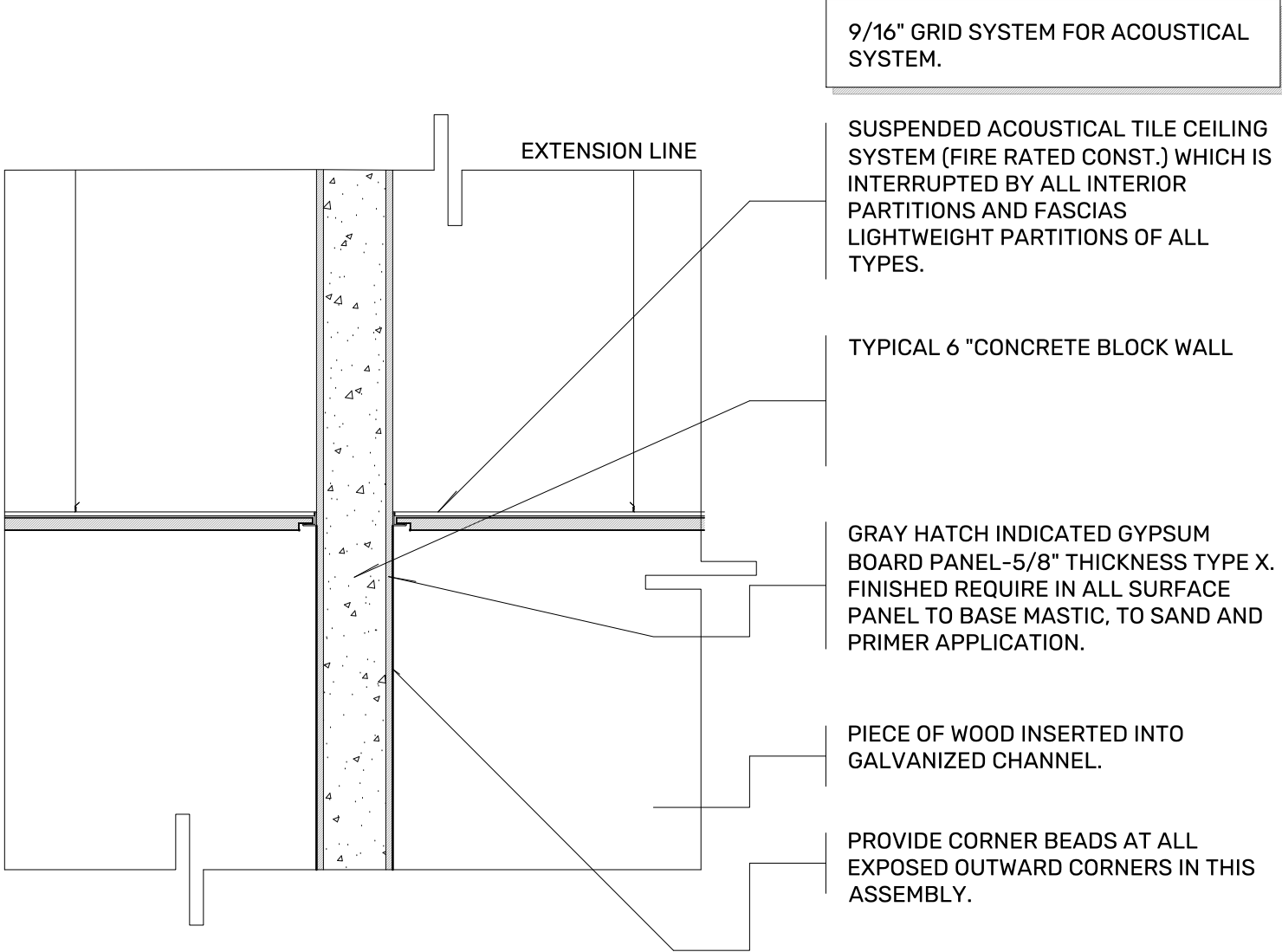
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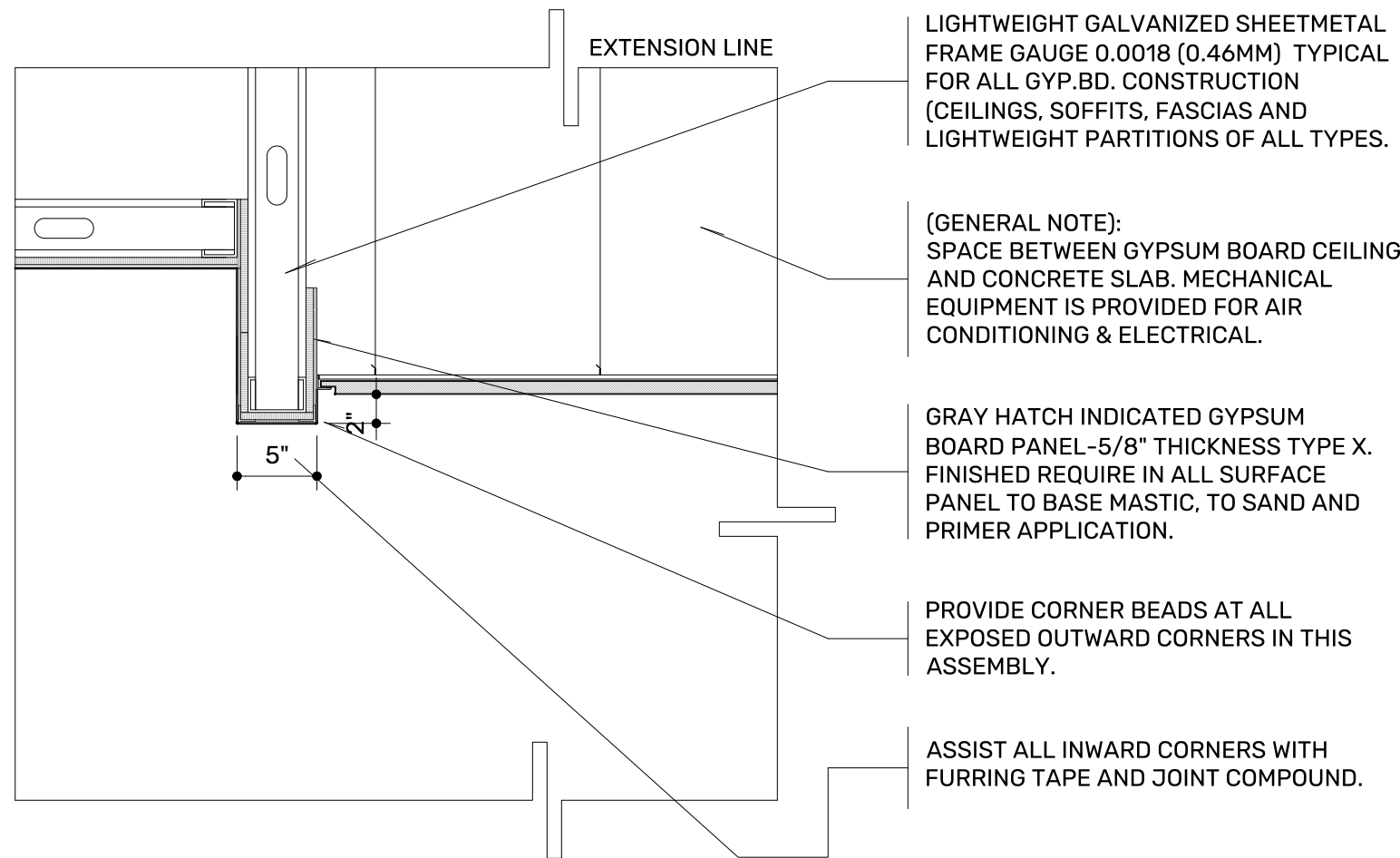
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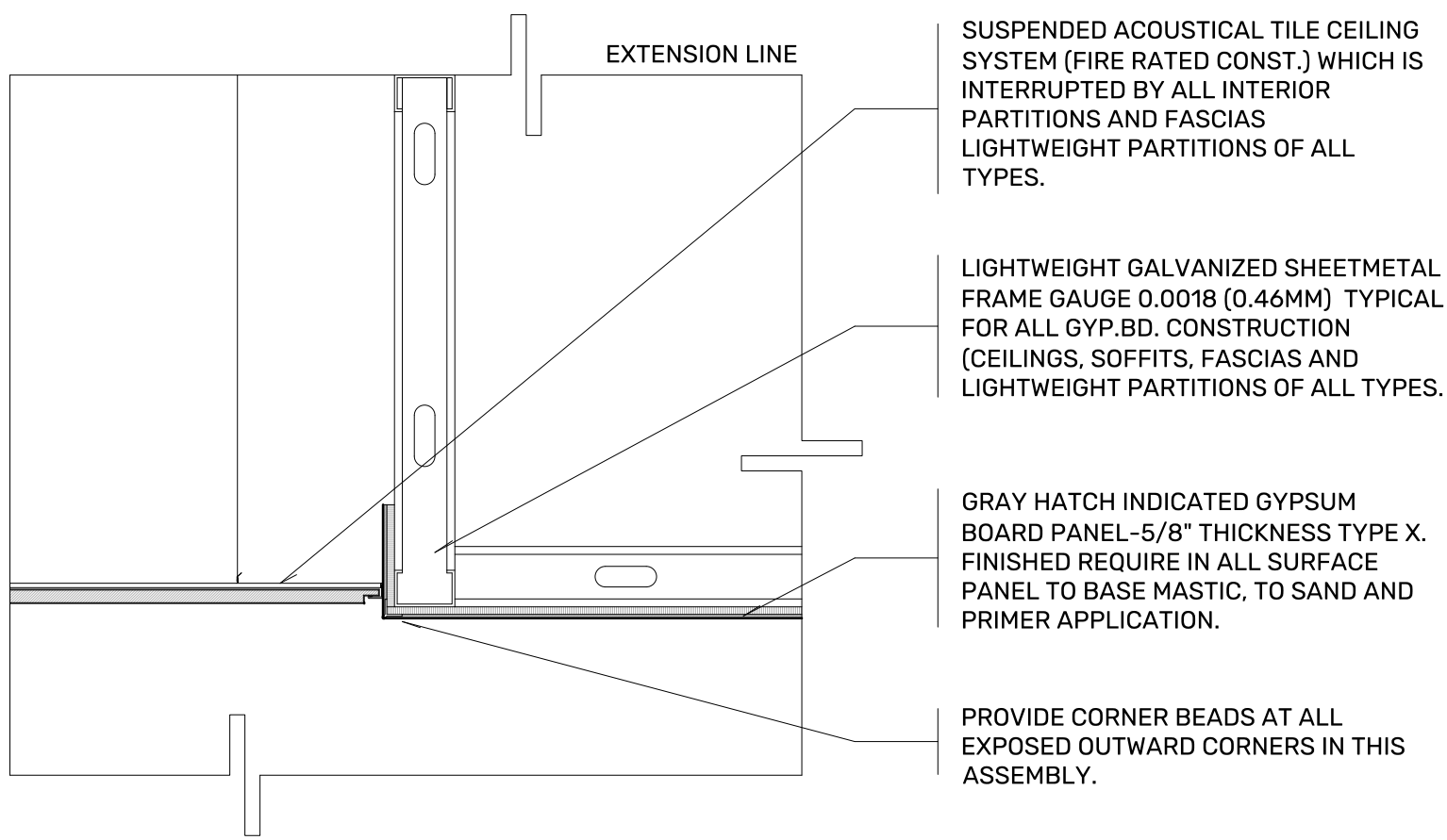
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SCALE: 1" = 1' - 0"



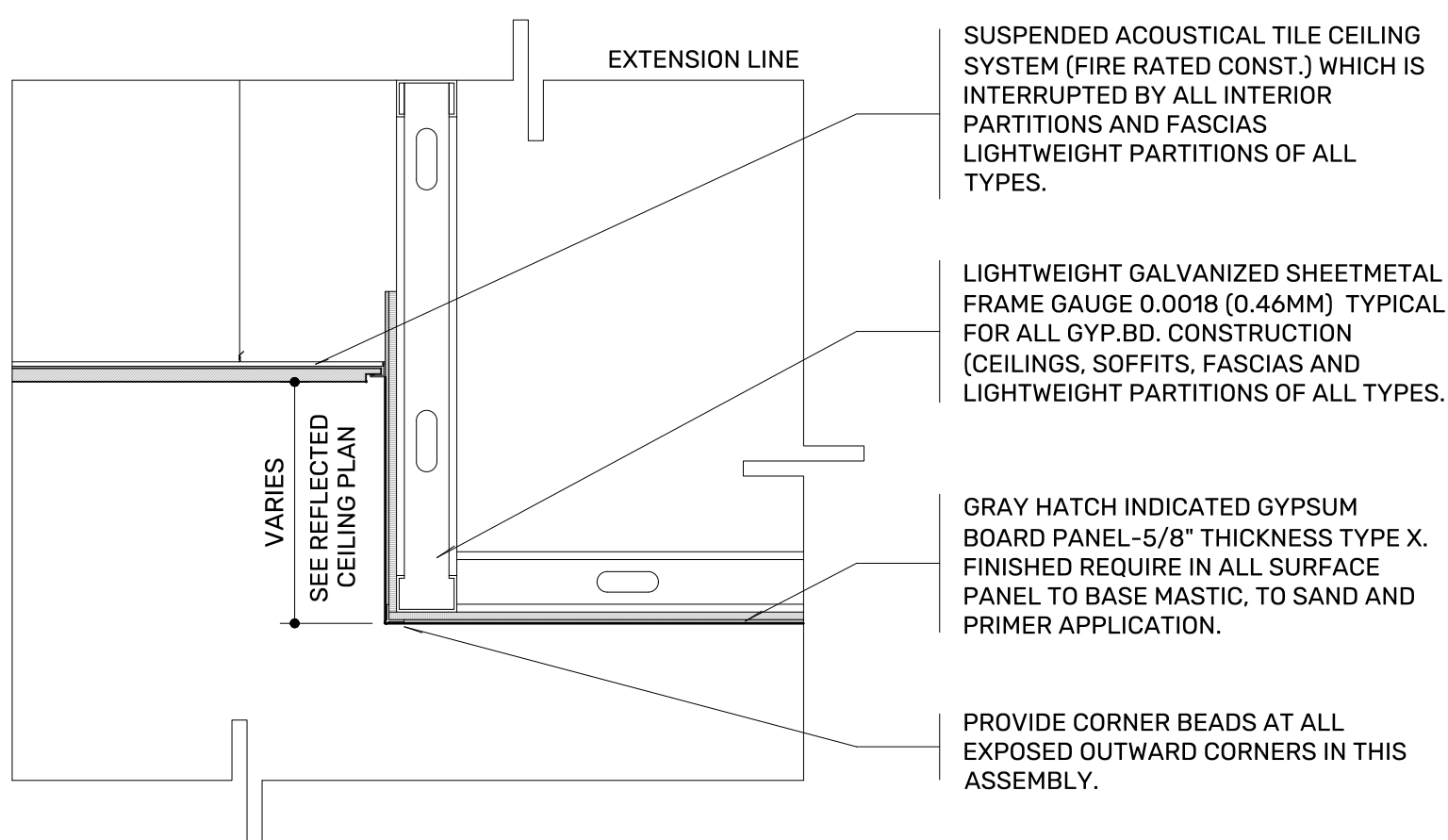
2 CONCRETE WALL CEILING DETAIL
SCALE: 1" = 1' - 0"



3 ACOUSTIC CEILING EDGE DETAIL
SCALE: 1" = 1' - 0"



4 ACOUSTIC TO GYPSUM BOARD CEILING DETAIL
SCALE: 1" = 1' - 0"



5 RECESSED GYPSUM BOARD CEILING DETAIL
SCALE: 1" = 1' - 0"

PROJECT ADDRESS

CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER

FAJARDO MUNICIPALITY

REGISTER No.

1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV.	DATE	DESCRIPTION	BY	CHK'D
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CERTIFICATION

I, WILLIAM MELENDEZ RIVAS, LIC. 16383, CERTIFY THAT I AM THE PROFESSIONAL WHO (MADE, DESIGNED OR PREPARED) THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS AND THE APPLICABLE PROVISIONS OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES, REGULATORY BOARDS OR PUBLIC CORPORATIONS WITH JURISDICTION. I FURTHER CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE PROVISIONS OF LAW 14-2004, AS AMENDED, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE (LAW NO. 319 OF MAY 15, 1938, AS AMENDED; ACT NO. 96 OF JULY 6, 1978, AS AMENDED; AS APPLICABLE). I ACKNOWLEDGE THAT ANY FALSE STATEMENT OR MISREPRESENTATION OF FACTS THAT HAS BEEN PRODUCED BY IGNORANCE OR NEGLIGENCE EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHERS WITH MY KNOWLEDGE, MAKES ME RESPONSIBLE FOR ANY JUDICIAL AND DISCIPLINARY ACTION BY THE ODEP.



654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 938-5890 / 5891
Email: info@ingeniumgroup.com

SIGNATURE



FILE

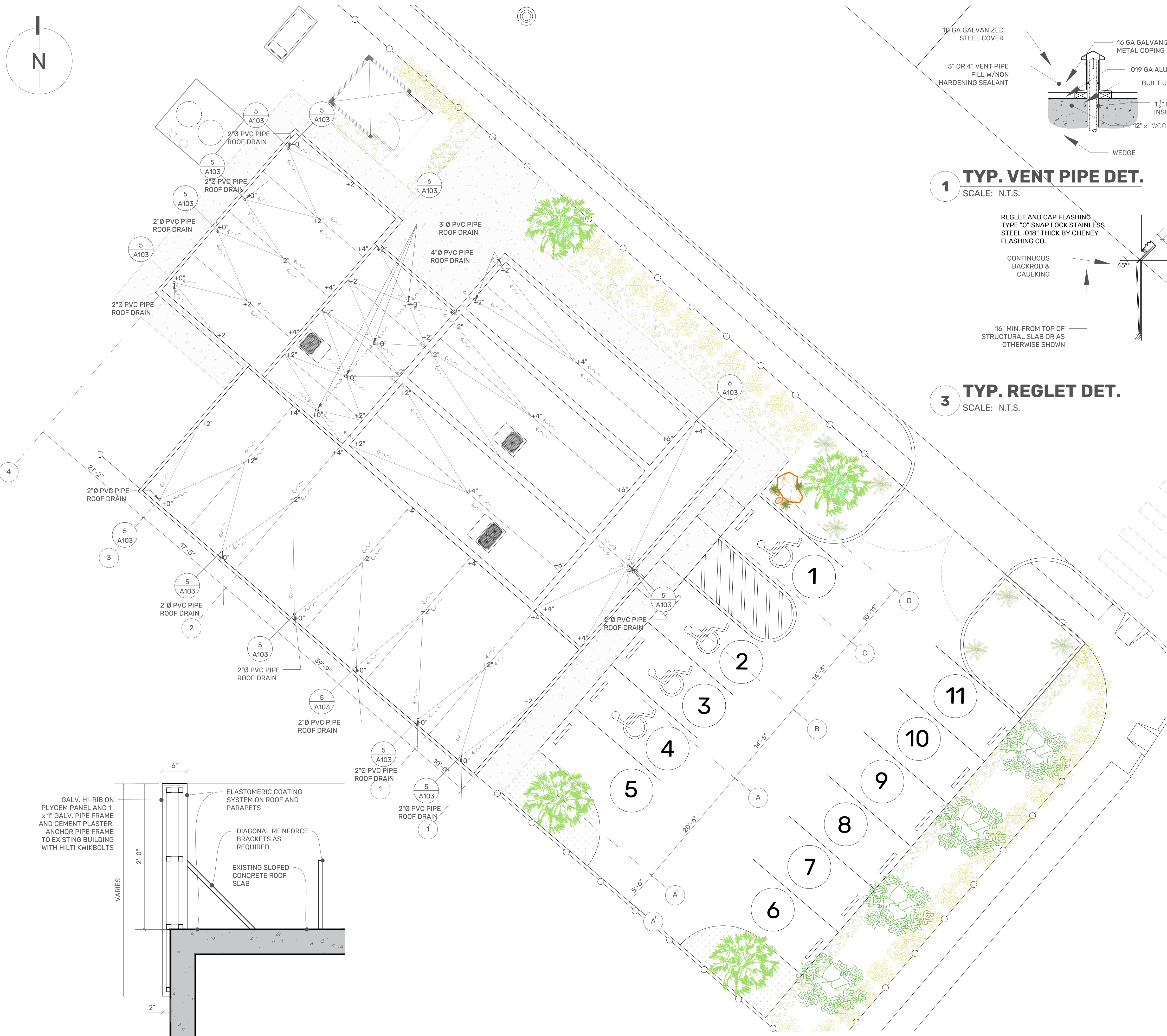
Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
Progress Print:

TITLE

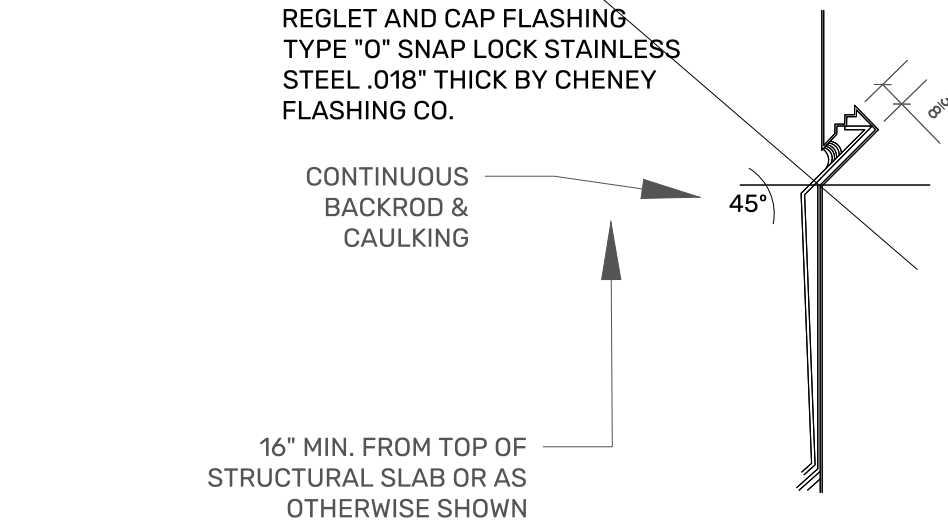
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DRAWING No.

A102

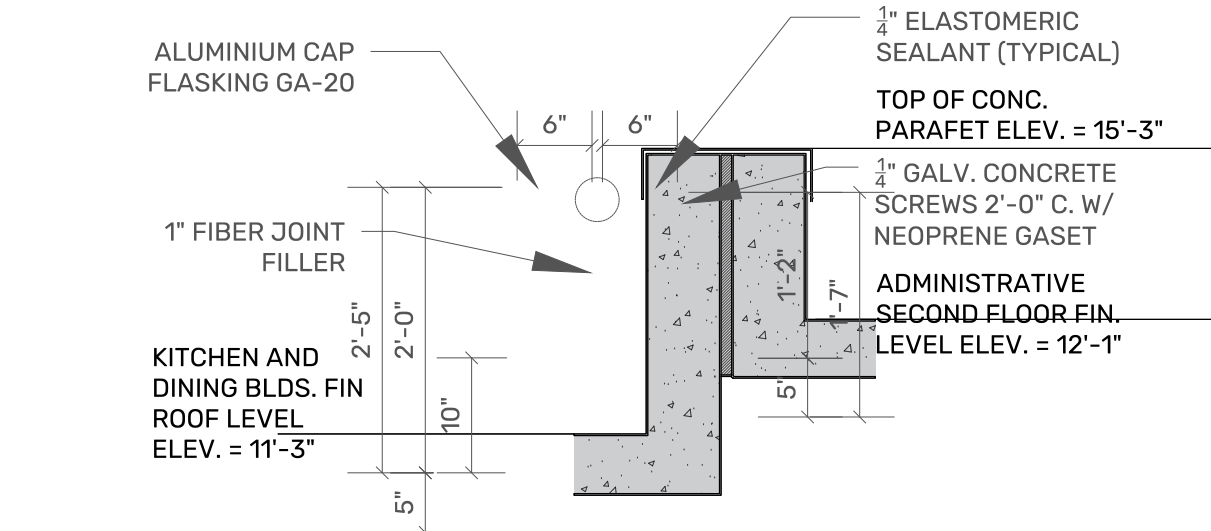


1 TYP. VENT PIPE DET.
SCALE: N.T.S.

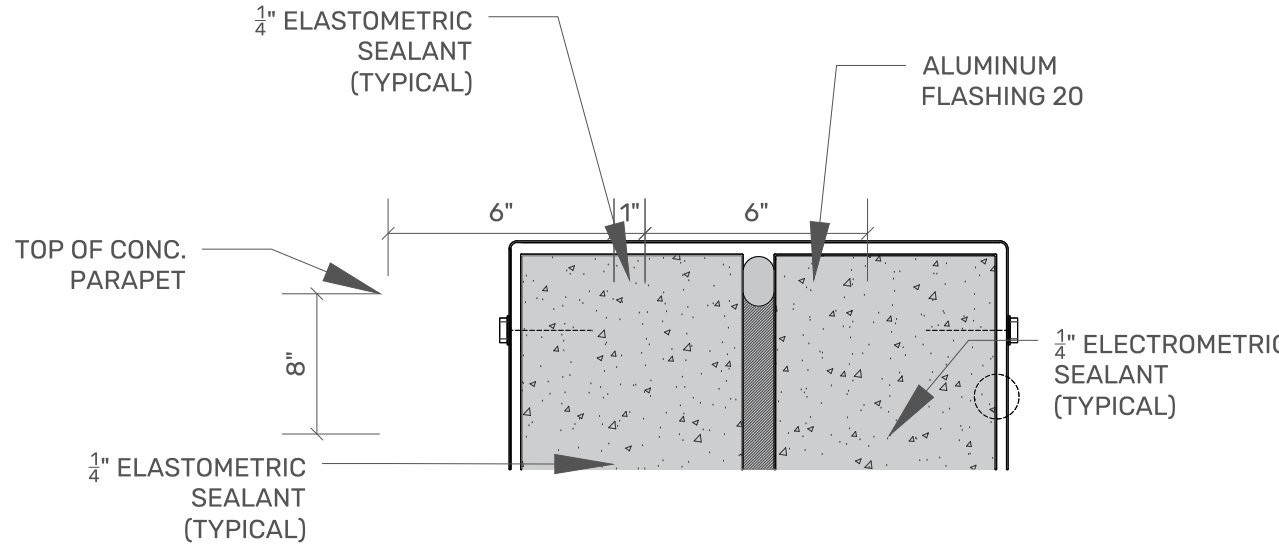


3 TYP. REGLET DET.
SCALE: N.T.S.

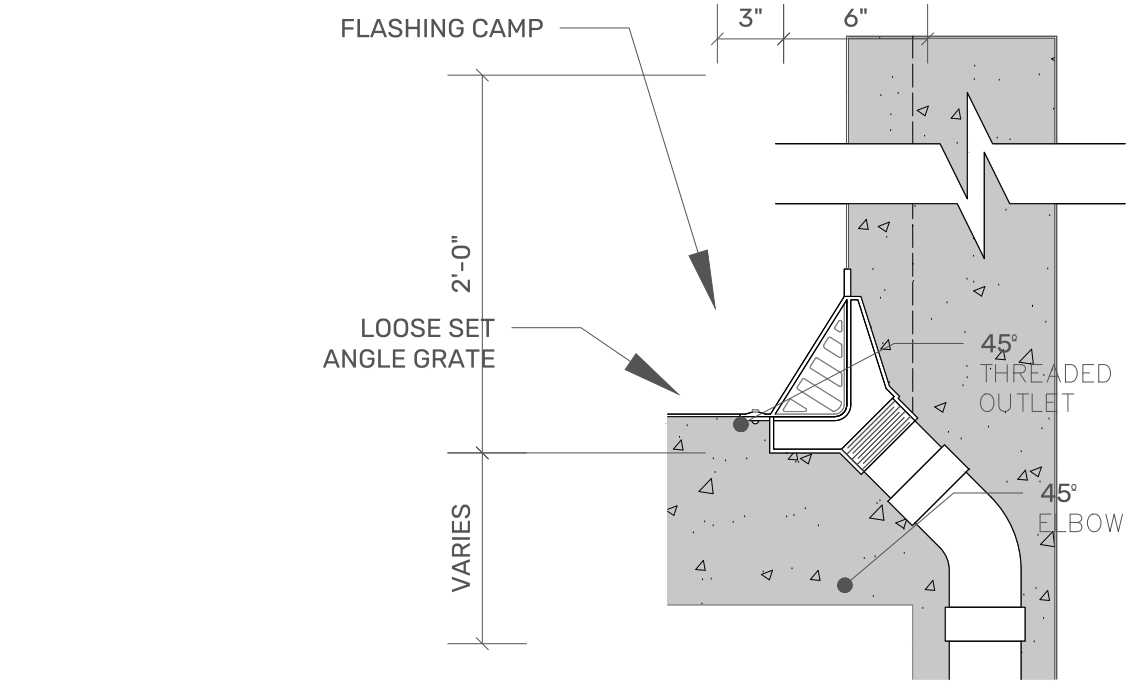
2 TYP. CAP FLASH DET.
SCALE: N.T.S.



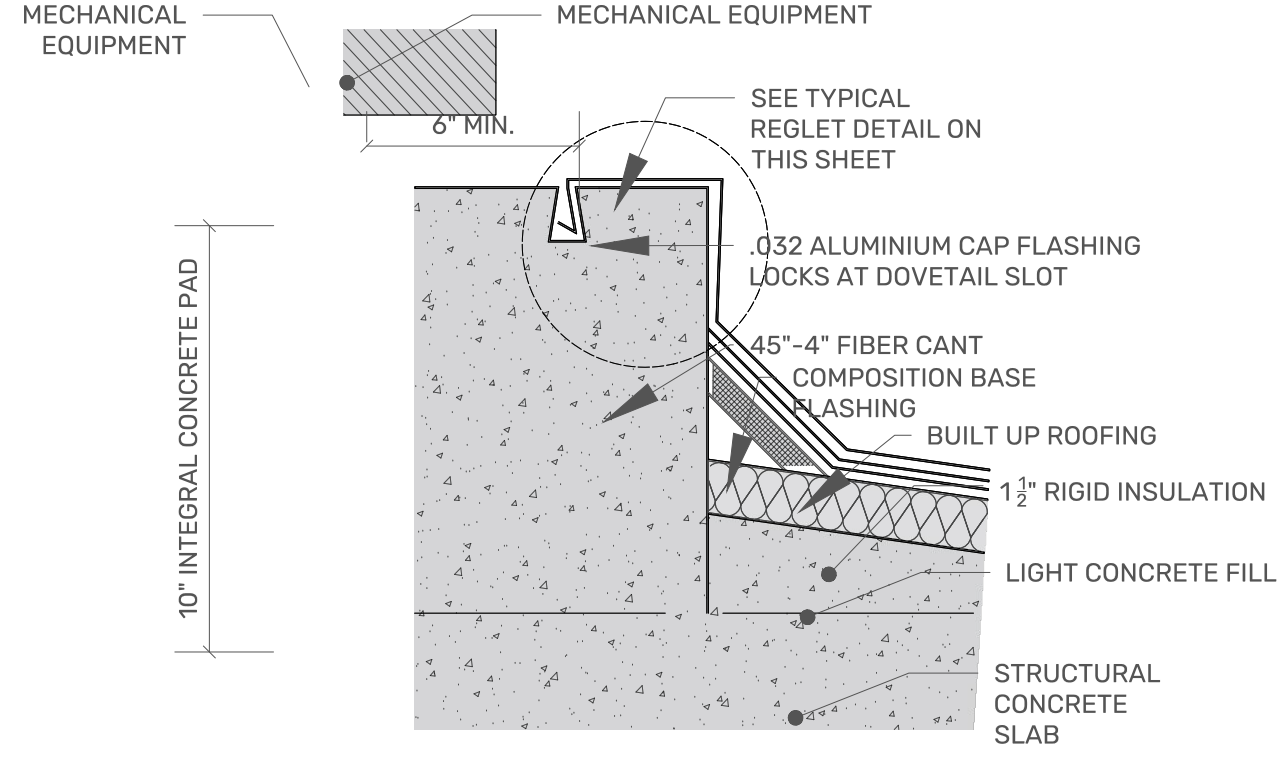
4 TYP. CAP FLASH DET.
SCALE: N.T.S.



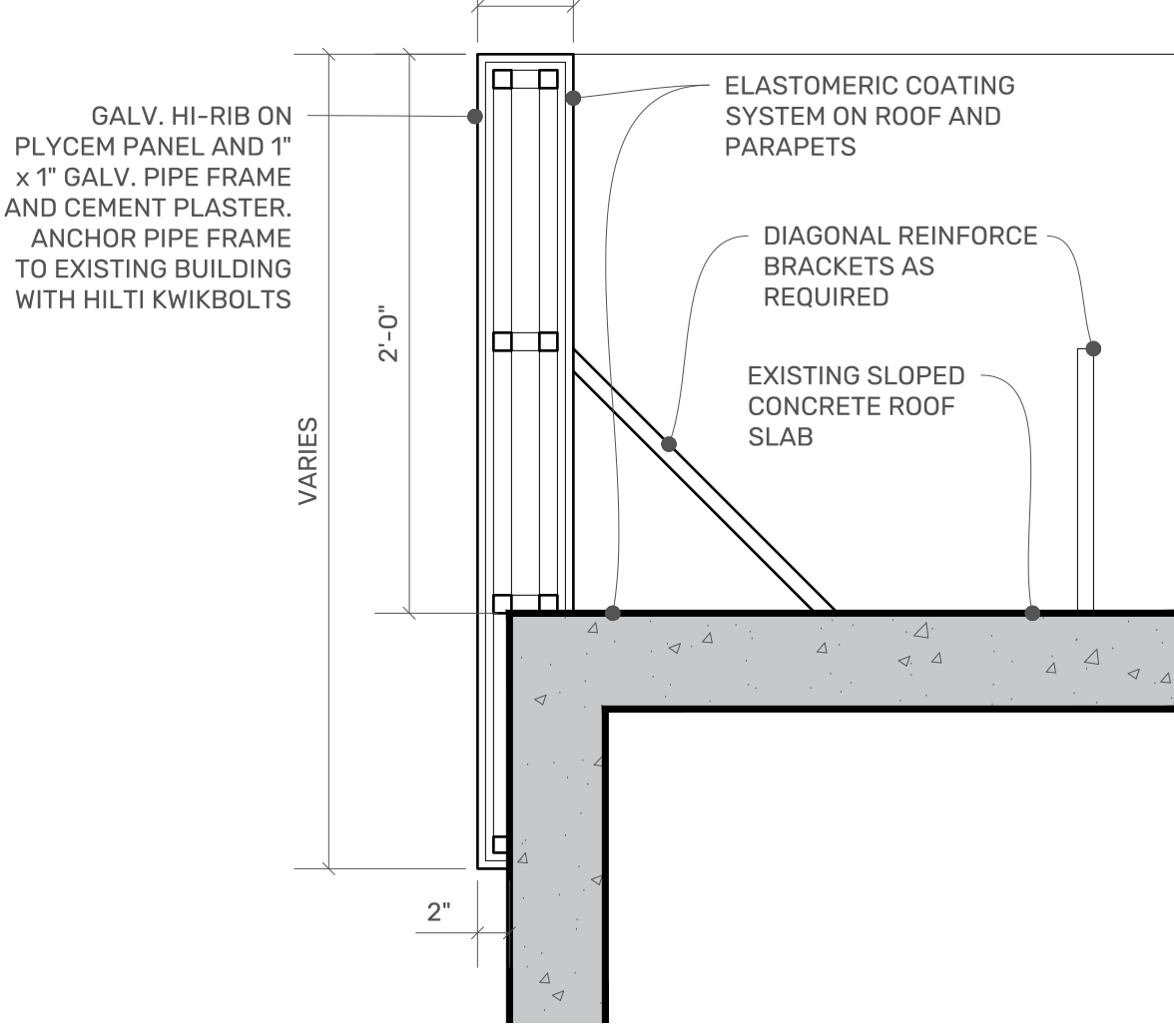
5 ROOF DRAIN AT JUNCTION OF ROOF & PARAPET
SCALE: N.T.S.



6 TYP. CONC. PAD DET. FOR MECHANICAL EQUIPMENT OR AT LOW PARAPETS
SCALE: N.T.S.



7 PLYCEM BOARD PARAPET
SCALE: 1/16\" = 1' - 0"



PROPOSED ROOF PLAN
SCALE: N.T.S.

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS				
REV	DATE	DESCRIPTION	BY	CHK'D

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I, WILLIAM MELENDEZ RIVAS, LIC. 16383, CERTIFY THAT I AM THE PROFESSIONAL WHO [MADE, DESIGNED OR PREPARED] THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS AND THE APPLICABLE PROVISIONS OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES, REGULATORY BOARDS OR PUBLIC CORPORATIONS WITH JURISDICTION. I FURTHER CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE PROVISIONS OF LAW 14-2004, AS AMENDED, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE (LAW NO. 339 OF MAY 15, 1938, AS AMENDED; ACT NO. 96 OF JULY 6, 1978, AS AMENDED; AS APPLICABLE). I ACKNOWLEDGE THAT ANY FALSE STATEMENT OR MISREPRESENTATION OF FACTS THAT HAS BEEN PRODUCED BY IGNORANCE OR NEGLIGENCE, EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHERS WITH MY KNOWLEDGE, MAKES ME RESPONSIBLE FOR ANY JUDICIAL AND DISCIPLINARY ACTION BY THE CODE.

IPG INGENIUM
PROFESSIONAL GROUP

654 Ave. Muñoz Rivera - Suite 1938
654 Plaza, San Juan, PR 00738
Tel: (787) 719-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

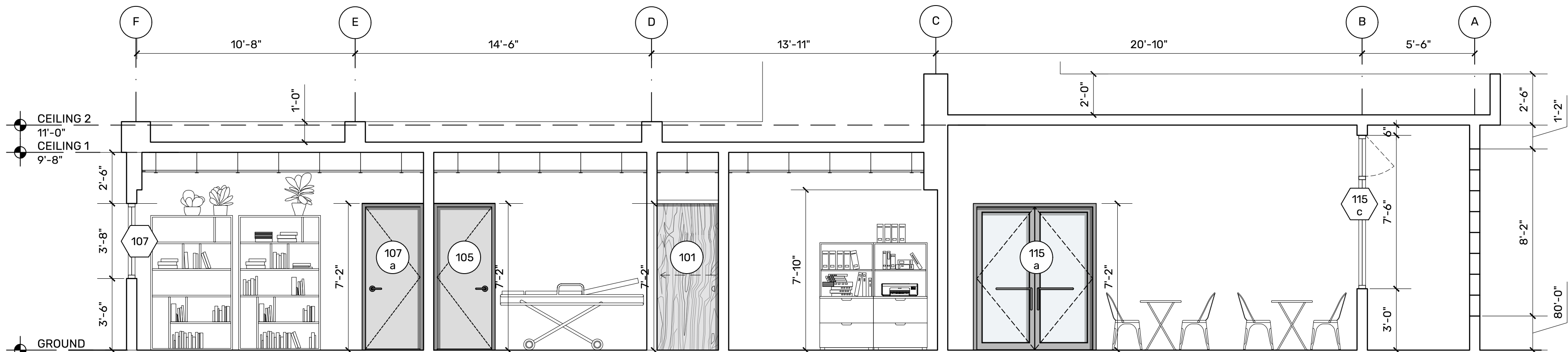
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PROPOSED ROOF PLAN

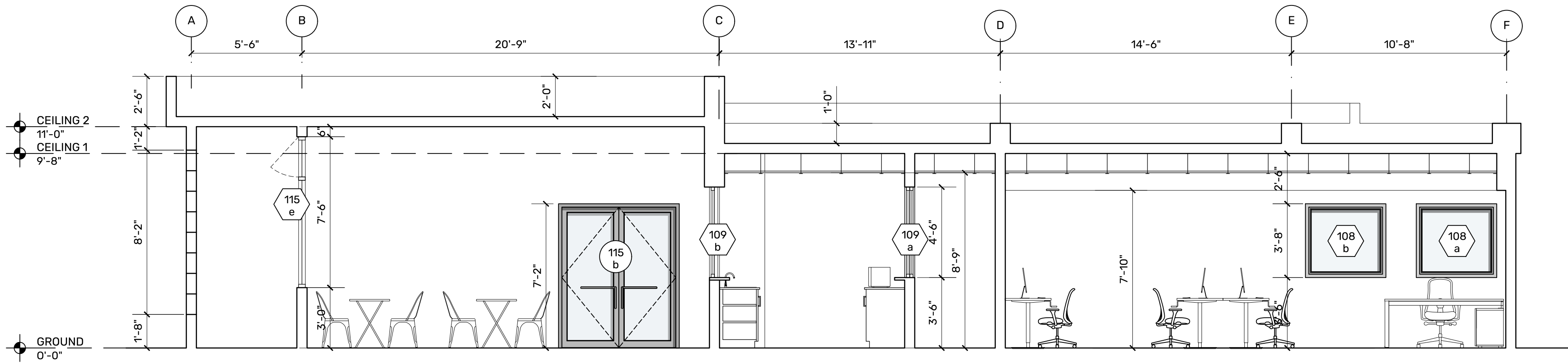
DRAWING No.

A103

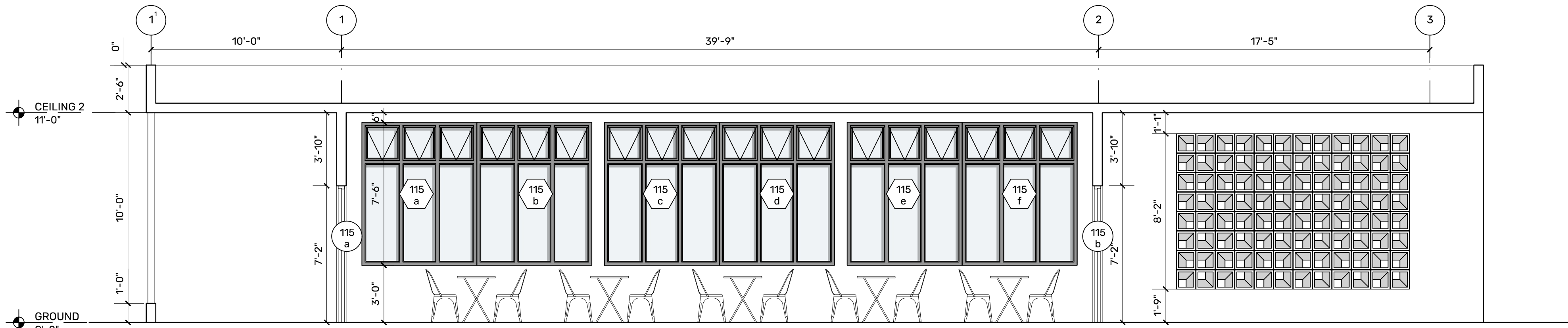
PAGE: 22 / 53



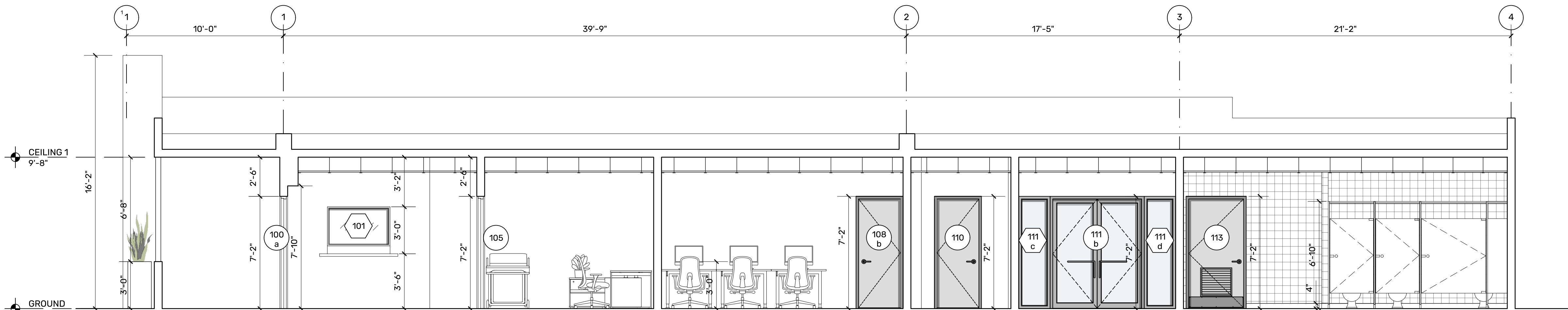
1 PROPOSED SECTION
SCALE: 1/4" = 1' - 0"



2 PROPOSED SECTION
SCALE: 1/4" = 1' - 0"



3 PROPOSED SECTION
SCALE: 1/4" = 1' - 0"



4 PROPOSED SECTION
SCALE: 1/4" = 1' - 0"

PROJECT ADDRESS

CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER

FAJARDO MUNICIPALITY

REGISTER No.

1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV.	DATE	DESCRIPTION	BY	CHK'D
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CERTIFICATION

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654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 938-5892 / 5891
Email: info@ingeniumgroup.com

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

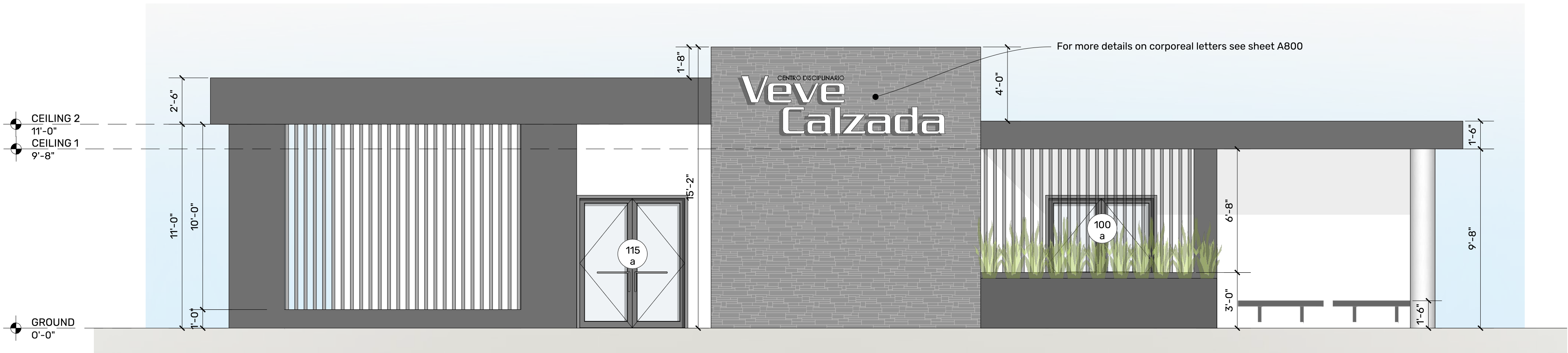
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PROPOSED SECTIONS

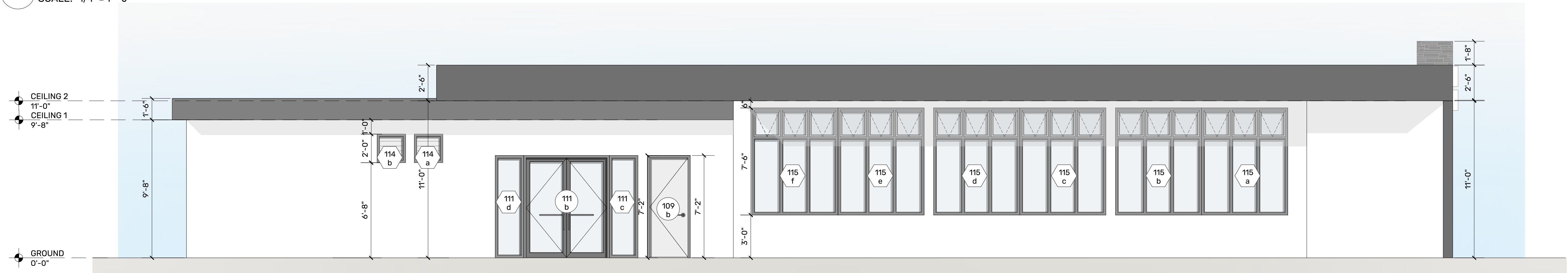
DRAWING No.

A200

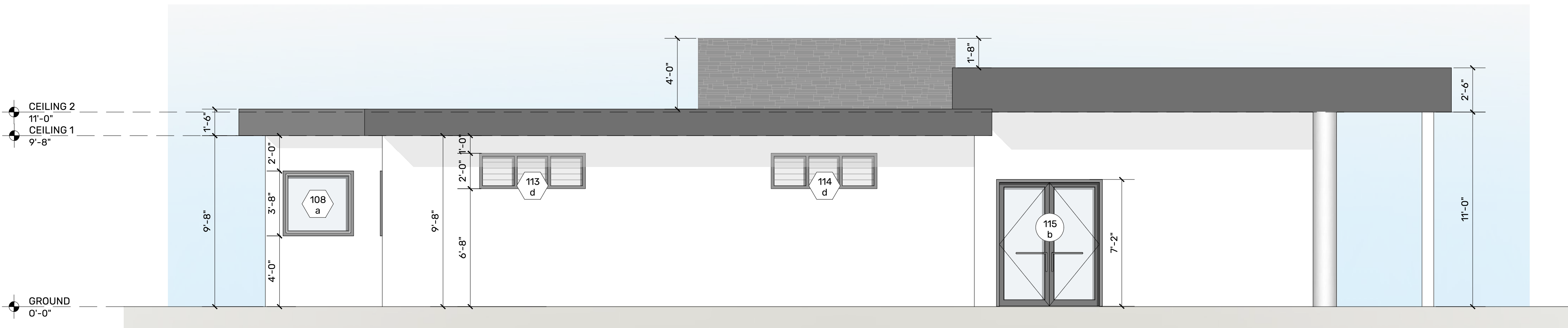
PAGE: 25 / 67



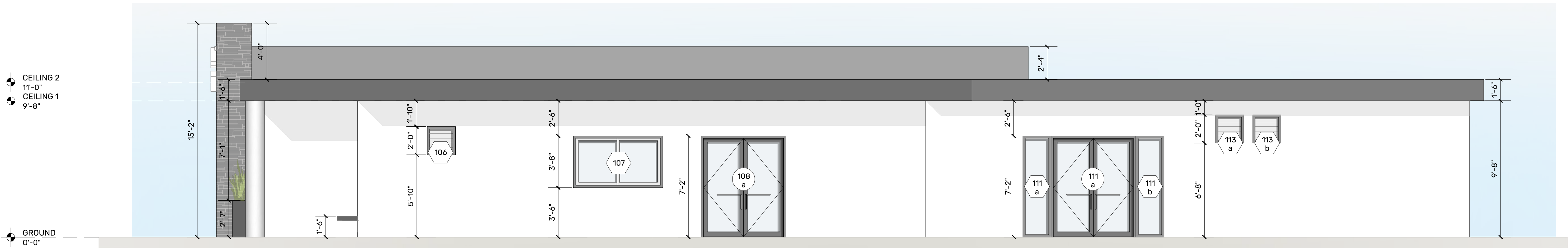
1 PROPOSED ELEVATION
SCALE: 1/4" = 1' - 0"



2 PROPOSED ELEVATION
SCALE: 1/4" = 1' - 0"



3 PROPOSED ELEVATION
SCALE: 1/4" = 1' - 0"



4 PROPOSED ELEVATION
SCALE: 1/4" = 1' - 0"

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS				
REV.	DATE	DESCRIPTION	BY	CHK'D

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IPG INGENIUM
PROFESSIONAL GROUP
654 Ave. Muñoz Rivera - Suite 1938
654 Plaza, San Juan, PR 00738
Tel: (787) 718-5890 / 5891
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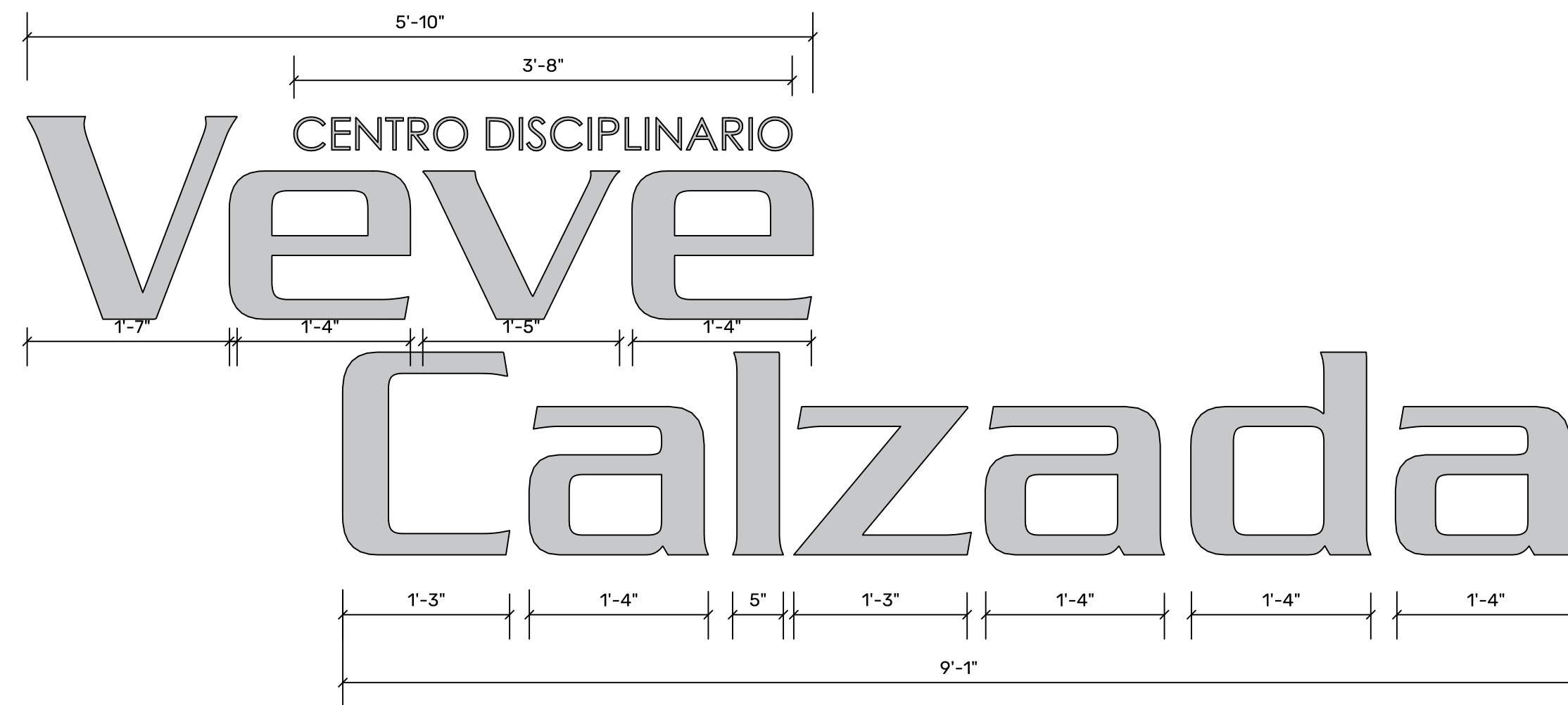
SIGNATURE

FILE
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Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
Progress Print:
TITLE
PROPOSED ELEVATIONS

DRAWING No.

A300

PAGE: 26 / 67



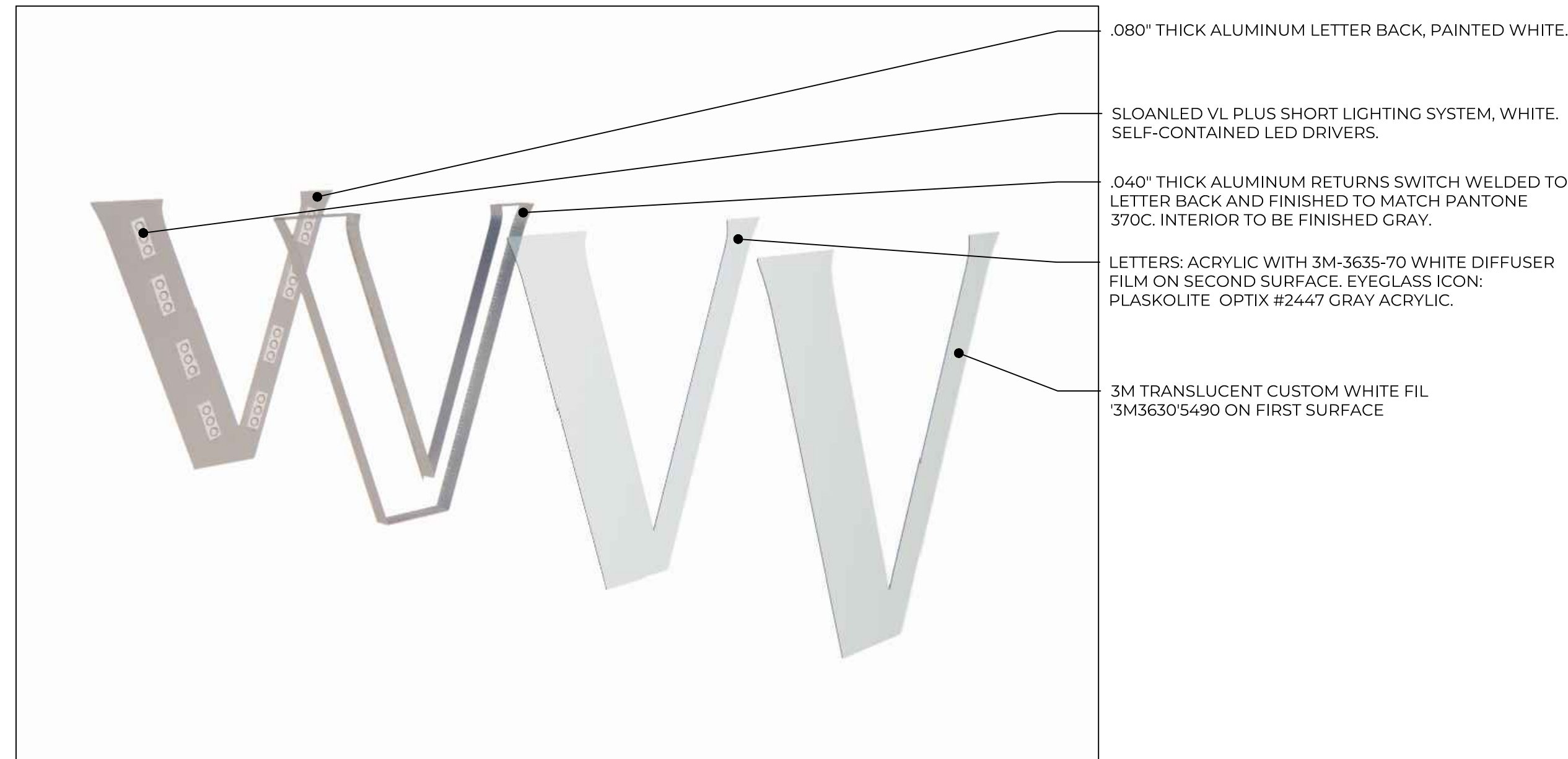
1 REFERENCE ELEVATION

SCALE: 1" = 1' - 0"



2 REFERENCE RENDERING

SCALE: N.T.S.



3 **DETAIL RENDERING (PV-PC-1)**

SCALE: N.T.S.

- NOTES:**
- MOUNT ALL COMPONENTS FLUSH TO WALL WITH FASTENERS AS REQUIRED.
 - ENSURE TRIM CAP IS SECURELY FASTENED.
 - PLACE SEAMS AND FASTENERS ON TOP OF LETTERS WHENEVER POSSIBLE.
 - ALL FASTENERS TO BE SECURELY FLUSH.
 - WEEP HOLES NECESSARY **ONLY** FOR EXTERIOR LOCATIONS

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER	FAJARDO MUNICIPALITY
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REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

[illegible]

IMPORTANT NOTES TO THE CONTRACTOR:

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CERTIFICATION

WILLIAM MELENDEZ RIVAS, LIC. 96383, CERTIFY THAT I AM A PROFESSIONAL WHO [DEED, DESIGNED OR PREPARED] THESE PLANS AND THE COMPLEMENTARY DOCUMENTS AND SPECIFICATIONS, AND I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS OF THE DEPARTMENT OF CONSTRUCTION OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES, REGULATORY BOARDS OR PUBLIC INSTITUTIONS THAT HAVE JURISDICTION OVER THEM. I CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE REQUIREMENTS OF THE LAW NO. 1473 OF 1994, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE [LAW NO. 319 OF MAY 15, 1996, KNOWN AS THE "LAW OF THE AMERICAN ARCHITECTS ASSOCIATION"], AND I HAVE NOT BEEN [RESCINDED, AS APPLICABLE]. I ACKNOWLEDGE THAT NO FALSE STATEMENT OR MISREPRESENTATION OF FACTS HAS BEEN MADE IN THE PREPARATION OF THESE PLANS AND SPECIFICATIONS, EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHERS WITH MY KNOWLEDGE. THEREFORE, I HAVE NOT BEEN SUBJECT TO ANY JUDICIAL OR ADMINISTRATIVE ACTION BY THE PEOPLE.



654 Ave. Muñoz Rivera - Suite 1838
664 Plaza, San Juan, PR 00738
Tel. (787) 918-5890 / 5891
Email: info@ingenium.group

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

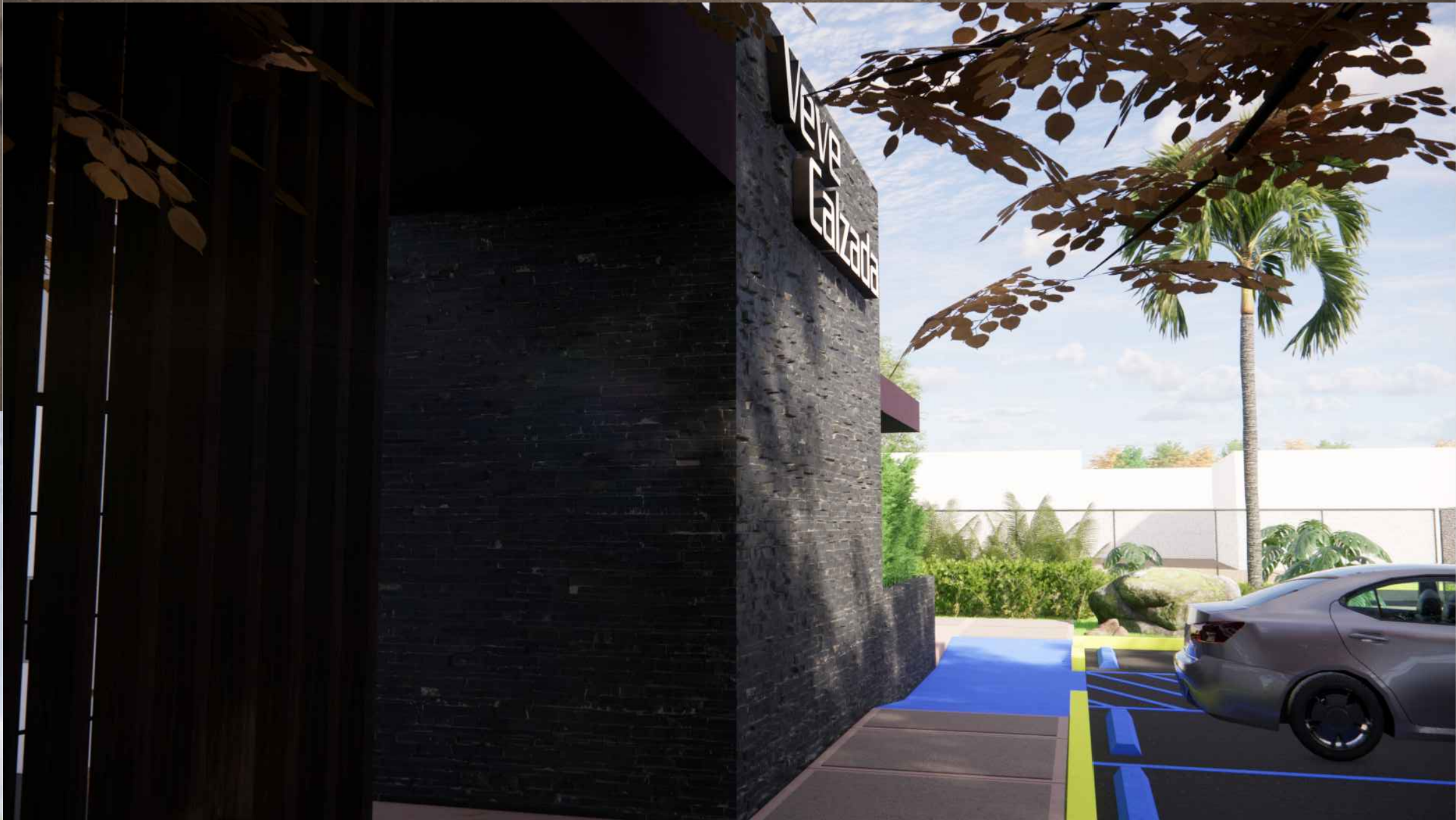
TITLE

MISCELLANEOUS

DRAWING No.

A800

PAGE: 37/67



PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS				
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IPG INGENIUM
PROFESSIONAL GROUP
654 Ave. Muñoz Rivera - Suite 1638
654 Plaza, San Juan, PR 00738
Tel: (787) 978-5890 / 5891
Email: info@ingeniumgroup.com

SIGNATURE



FILE
Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
Progress Print:
TITLE
RENDERS

DRAWING No.

R100

PAGE: 38 / 67



PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
FAJARDO MUNICIPALITY

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1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS				
REV.	DATE	DESCRIPTION	BY	CHK'D
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IMPORTANT NOTES TO THE CONTRACTOR:
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE PROCEEDING WITH WORK. IF ANY DISCREPANCIES, ERRORS OR OMISSIONS SHOULD BE ENCOUNTERED ON PLANS, CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE ANY PART OF THE WORK IS STARTED SO THAT PROPER CORRECTIONS ARE MADE. IF ENGINEER IS NOT NOTIFIED PRIOR TO COMMENCING OF THE WORK ALL DESIGNS AND DRAWINGS HEREIN AND PRINTS ISSUED BY THE ENGINEER ARE THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REUSED ON ANY OTHER LOCATION EXCEPT THE ONE FOR WHICH THEY EXPRESSLY DESIGNED. IF THESE DRAWINGS OR ANY PART THEREOF IS REPRODUCED WITHOUT THE CONSENT OF THE ENGINEER, THE PERSON WHO IS DOING WILL BE INDEBTED TO THE ENGINEER FOR HIS FULL COMMISSION. CONTRACTOR SHALL NOT USE FOR CONSTRUCTION PURPOSES ANY DRAWINGS THAT WERE ADVANCE TO HIM PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL PLANS BEING USED BY CONTRACTOR SHOULD HAVE A LABEL SAYING "FOR CONSTRUCTION ONLY" SIGNED AND SEALED BY THE ENGINEER.

CERTIFICATION
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IPG INGENIUM
PROFESSIONAL GROUP
654 Ave. Muñoz Rivera - Suite 1638
654 Plaza, San Juan, PR 00738
Tel: (787) 978-5800 / 5891
Email: info@ingeniumgroup.com

SIGNATURE



FILE
Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
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TITLE
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DRAWING No.

R101

PAGE: 39 / 67



1 **RECEPTION & MEDICAL OFFICES PERSPECTIVES**
SCALE: N.T.S.

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

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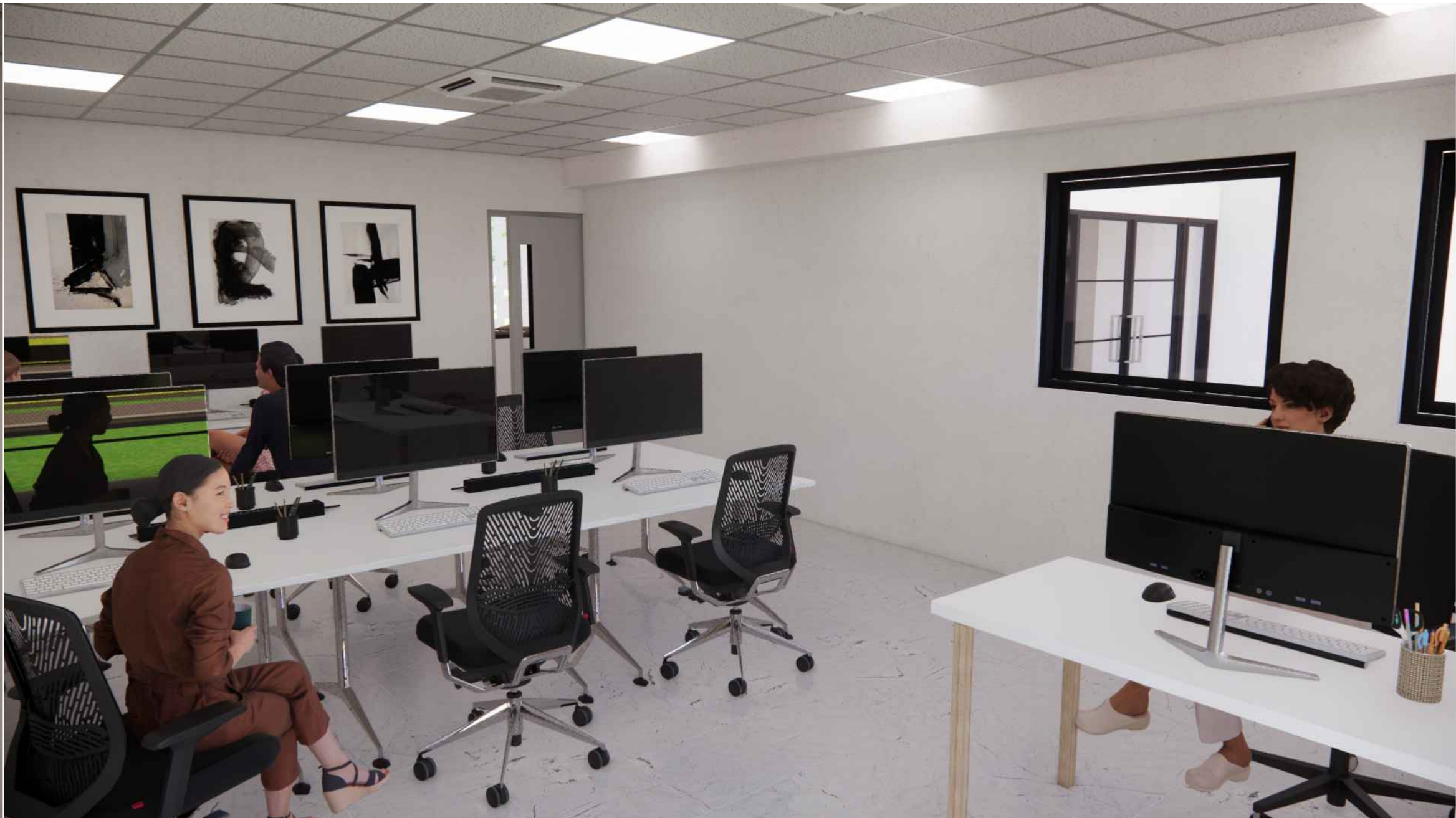
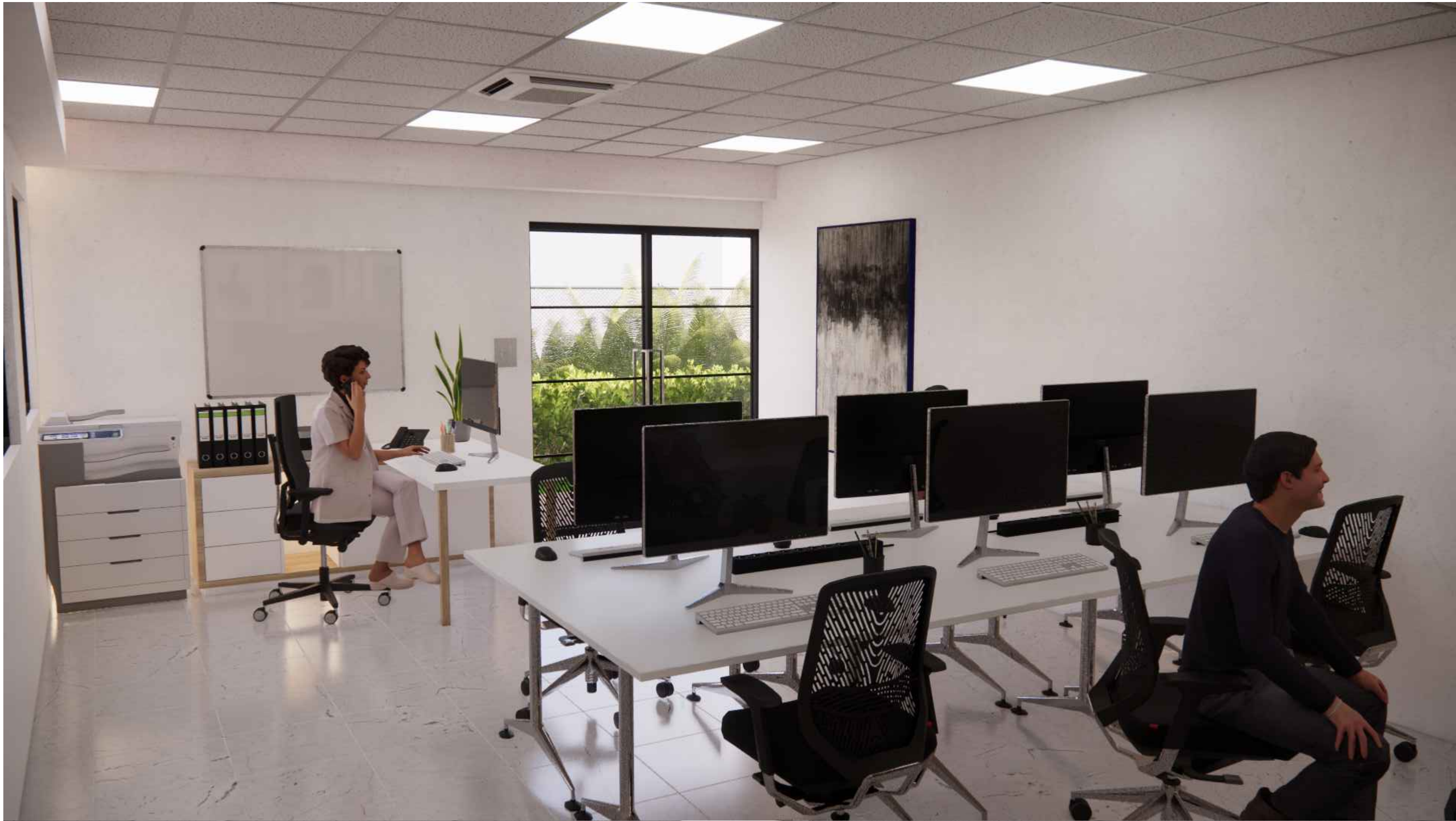
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PROFESSIONAL GROUP
654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 978-5800 / 5891
Email: info@ingeniumgroup.com

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PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
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R103

PAGE: 41/67

1. GOVERNING BUILDING CODES:

A. PUERTO RICO BUILDING CODE, 2011 EDITION
B. INTERNATIONAL BUILDING CODE, 2009 EDITION

2. DESIGN LOADS:

A. DEAD LOADS:

1. STRUCTURE SELF-WEIGHT
2. COLLATERAL LOAD = 10 psf

B. LIVE LOADS:

1. SLAB-ON-GRADE = 100 psf
2. ROOF = 40 psf

C. WIND LOADS:

1. ASCE 7-05, BASIC WIND SPEED (3 SECOND GUST) = 145 mph, EXPOSURE C.

3. EARTHQUAKE DESIGN DATA:

A. RESPONSE MODIFICATION FACTOR R=5 (SHEAR WALLS) R=8 (MOMENT FRAMES)
B. OCCUPANCY CATEGORY II
C. SEISMIC DESIGN CATEGORY D
D. SEISMIC IMPORTANCE FACTOR 1.0
E. SITE CLASS D
F. SRA (SS) FOR MANATÍ, PR SS=0.95
G. SRA (S1) FOR MANATÍ, PR S1=0.35

4. SYSTEM AND COMPONENTS REQUIRING SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE: (SEE SPECIFICATIONS).

5. CONTRACTOR SHALL VERIFY ALL EXISTING ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING FEATURES WHICH ARE NOT PART OF THE CONSTRUCTION. IN THE EVENT OF ANY DAMAGE, CONTRACTOR SHALL RESTORE OR REPLACE THE DAMAGED FEATURES TO THE SATISFACTION OF THE CLIENT REPRESENTATIVE AT NO COST.

7. ROUGH AND FINISHED GRADE ELEVATIONS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER/ARCHITECT AS REQUIRED TO MEET FIELD CONDITIONS.

8. PRIOR TO COMMENCING ANY EXCAVATION, COORDINATE WITH THE CLIENT REPRESENTATIVE AND ALL APPROPRIATE UTILITY COMPANIES FOR INFORMATION ON ALL UTILITIES TO BE REMOVED, ABANDONED OR TO REMAIN IN PLACE.

9. FOR GROUNDING REQUIREMENTS, SEE ELECTRICAL DRAWINGS.

2.1 ALLOWABLE BEARING CAPACITY = 2,500PSF

3.1 IN THE EVENT OF A CONFLICT BETWEEN THE SPECIFICATIONS AND THE CONTRACT DRAWINGS, CONTACT THE ENGINEER OF RECORD FOR CLARIFICATION.

3.2 ALL DIMENSIONS PERTAINING TO EXISTING CONSTRUCTION SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE STARTING ANY WORK OR FABRICATION.

3.3 SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR BELOW SLAB AND EMBEDDED ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

3.4 ALL UNDERGROUND PIPING, ELECTRICAL CONDUIT, GROUND WIRING, ETC., SHALL BE IN PLACE BEFORE CONCRETE FOUNDATIONS AND/OR GRADE SLABS ARE PLACED. THEM SHALL NOT BE LESS THAN 1/2".

3.5 ALL CONCRETE HAS BEEN DESIGNED AND THE DETAILING, FABRICATION AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

- A. ACI 318-05 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- B. ACI 315-99 DETAILS AND DETAILING OF CONCRETE REINFORCING
- C. ACI 301-99 SPECIFICATIONS FOR STRUCTURAL CONCRETE
- D. CRSI-97 MANUAL OF STANDARD PRACTICE

3.6 UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF ASTM C150 AND SHALL BE NORMAL WEIGHT, TYPE I OR TYPE II CEMENT. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI, UNLESS NOTED OTHERWISE IN THE SPECIFICATIONS.

3.7 ALL CONCRETE EXPOSED TO WEATHER SHALL BE AIR ENTRAINED.

3.8 ALL EXPOSED VERTICAL AND HORIZONTAL EDGES OF CONCRETE FOUNDATIONS, SLABS, PAADS, PIERS, CURBS, ETC., SHALL HAVE A 3/4" X 45 DEGREE CHAMFER, UNLESS NOTED OTHERWISE.

3.9 CONCRETE PLACED DURING HOT WEATHER SHALL CONFORM TO THE REQUIREMENTS OF ACI 305R-99 "HOT WEATHER CONCRETING".

3.10 ALL REINFORCING STEEL SHALL BE DEFORMED REINFORCING BARS CONFORMING TO THE REQUIREMENTS OF ASTM A706 (FY=60,000 PSI). BILLET STEEL ASTM A615, GRADE 60 MAY BE USED IF THE MILL TEST REPORT IS PROVIDED AND SATISFIES THE REQUIREMENTS LISTED IN SECTION 1921.2.5.2 OF THE UNIFORM BUILDING CODE, 1997.

3.11 ALL BAR SPLICES AND EMBEDMENT LENGTHS SHALL CONFORM TO THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS:

BAR NUMBER	STRAIGHT BAR EMBEDMENT (DEVELOP. IN TENSION)		BENT BAR EMBEDMENT (STD. 90 DEGREE HOOK) (DEVELOP. IN TENSION)	STRAIGHT BAR EMBEDMENT (DEVELOPMENT IN COMPRESSION)	TENSION LAP SPLICE CLASS B		COMPRESSION LAP SPLICE
	(INCHES)		(INCHES)	(INCHES)	(INCHES)		(INCHES)
	TOP BAR	OTHER BAR			TOP BAR	OTHER BAR	
3	19	15	8	9	25	20	12
4	25	19	10	10	33	26	16
5	31	24	12	12	41	32	19
6	37	29	15	15	49	38	23
7	54	42	17	17	71	55	27
8	62	48	19	19	81	63	31
9	70	54	22	22	91	71	34
10	78	60	24	24	101	78	38
11	85	66	27	27	111	86	42

A. TOP BAR IS DEFINED AS: CONCRETE BELOW BAR IS GREATER THAN 12"
B. OTHER BAR IS DEFINED AS: CONCRETE BELOW BAR IS LESS THAN 12"
C. THE ABOVE TABLE WAS DEVELOPED BASED ON ACI 318-98, SECTION 12.2.2. ASSUMING CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN TWICE THE BAR DIAMETER, AND THE CLEAR COVER NOT LESS THAN THE BAR DIAMETER.

ANY DRILLING THROUGH FOUNDATION PIERS, GRADE BEAMS AND GRADE WALLS SHALL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER OR RECORD.

WELDED WIRE FABRIC, WHERE SPECIFIED ON THE DESIGN DRAWINGS, SHALL CONFORM TO THE REQUIREMENTS OF ASTM A185 COLD DRAWN STEEL. LAP SPlice SHALL BE TWO GRID SPACES WITH 8 INCHES AT A MINIMUM.

EPOXY ANCHORS SHALL BE HILTI HIT RE 500 (OR EQUAL). EXPANSION ANCHORS ARE NOT ALLOWED. UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS.

COLUMN ANCHOR RODS SHALL BE PLAIN CARBON STEEL UNLESS NOTED GALVANIZED ON THE FOUNDATION PLAN. GALVANIZED ANCHOR RODS SHALL MEET ASTM A153-98, STANDARD SPECIFICATION FOR ZINC COATED (HOT DIPPED) ON IRON AND STEEL HARDWARE.

UNLESS NOTED OTHERWISE, REINFORCING BARS SHALL HAVE MINIMUM CONCRETE COVER AS FOLLOWS:

A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3 INCHES
B. CONCRETE EXPOSED TO EARTH OR WEATHER:	
#5 BARS AND SMALLER:	1 1/2 INCHES
OTHERS:	2 INCHES
C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:	
WALLS AND SLABS:	
#1 BAR AND SMALLER	3 1/4 INCHES
OTHERS	1 1/2 INCHES

CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION JOINTS AS SHOWN ON THE DRAWINGS.

MODIFICATIONS TO CONSTRUCTION JOINTS MUST BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL. WRITTEN APPROVAL OF MODIFICATIONS MUST BE OBTAINED FROM THE ENGINEER OF RECORD PRIOR TO ANY JOINT FABRICATION AND/OR INSTALLATION.

CONCRETE CONTRACTOR SHALL PROVIDE ALL ANCHOR ROD ASSEMBLIES AS DETAILED ON THE DRAWINGS.

CONCRETE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL GROUTING UNDER COLUMN BASE PLATES AND SHEAR BLOCKOUTS IN COLUMN PIERS. TOP OF PIER ELEVATION SHOWN ON PLANS AND DETAILS ARE 1 1/2" BELOW BOTTOM OF BASE PLATE ELEVATIONS FOR GROUT.

- 21 ALL MASONRY WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
4200 CONCRETE MASONRY UNITS
- 22 MASONRY PRISM STRENGTH, f_m SHALL BE A MINIMUM OF 1500 PSI.
ALL CELLS WITH VERTICAL REINFORCING AND ALL BOND BEAMS SHALL BE FILLED
WITH GROUT HAVING A MINIMUM 28 DAY COMPRESSIVE STRENGTH, f_c -3,000 PSI.
- 23 ALL MORTAR SHALL BE TYPE M OR TYPE S IN ACCORDANCE WITH SPECIFICATION 220.04100
- 24 HORIZONTAL REINFORCING IN WALLS AND BOND BEAMS SHALL BE CONTINUOUS
AROUND CORNERS. ALL REINFORCING SPLICES SHALL BE LAPPED FOR A
MINIMUM OF 48 BAR DIAMETERS. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS
FOR DETAILS OF REINFORCING
- 25 PRIOR TO AND DURING CONSTRUCTION, MASONRY PRISM TESTS SHALL BE TAKEN
IN ACCORDANCE WITH UBC SECTION 2405(C) OR, AS AN ALTERNATE, MASONRY
UNITS AND GROUT SPECIMENS SHALL BE TESTED IN ACCORDANCE WITH UBC
SECTION 2405(C)3.
- 26 PERIODIC SPECIAL INSPECTION SHALL BE PERFORMED FOR ALL EXTERIOR
(STRUCTURAL) MASONRY WORK IN ACCORDANCE WITH UBC SECTIONS 306(A)7 AND 306(E)
- 27 MAXIMUM HEIGHT OF GROUT POURS SHALL BE 4'-0"

4.1 ALL STRUCTURAL AND MISCELLANEOUS STEEL HAS BEEN DESIGNED AND SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE FOLLOWING:

- A. ANSI/AISC 360-05 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
- B. AISC 303-05 CODE OF STANDARD PRACTICE FOR STRUCTURAL STEEL BUILDINGS
- C. ANSI/AISC 341-05 SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS
- D. RCSP-SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS - 2004
- E. AWS D1.1/D1.1M STRUCTURAL WELDING CODE - 2008

4.2 MATERIALS:

- A. WIDE-FLANGE SHAPES ASTM A992-06, Fy=50 ksi
- B. BARS, PLATES AND CHANNELS ASTM A572-06, GRADE 36, Fy=36 ksi
- C. ANGLES AND RODS ASTM A36-06, Fy=36 ksi
- D. HIGH-STRENGTH BOLTS ASTM A325-N U.N.O.
- E. WELDING ELECTRODES E70XX
- F. STRUCTURAL HOLLOW STEEL SECTIONS ASTM A500, GRADE B, Fy=46 KSI
- G. STRUCTURAL PIPES ASTM A53, GRADE B, Fy=35 KSI

4.3 ALL BOLTS SHALL BE 3/4" WITH THREADS INCLUDED IN THE SHEAR PLANE, UNLESS NOTED OTHERWISE. ALL CONNECTIONS ARE BEARING TYPE, UNLESS NOTED OTHERWISE. HOLES SHALL BE 1/16" LARGER THAN THE BOLT DIAMETER, UNLESS NOTED OTHERWISE.

4.4 ALL BEAM CONNECTIONS, UNLESS DETAILED ON THE DRAWINGS, SHALL BE DOUBLE ANGLE TYPE. (SEE SPEC.) AND SHALL HAVE A MINIMUM ROW OF BOLTS AS SHOWN BELOW:

BEAM DEPTH	8-10	12-14	16-18	21-24	27-30	33	36
ROWS OF BOLTS	2	3	4	5	6	7	8 9 10

ALL BOLTS SHALL BE SNUG-TIGHT U.N.O.

ALL BOLTS SHALL BE SNUG-TIGHT U.N.O.

4.5 ALL FIELD CONNECTIONS TO EXISTING STEEL ARE TO BE WELDED, UNLESS NOTED OTHERWISE, AND SHALL BE DETAILED SUCH THAT THE ERECTION CAN COMPLY WITH OSHA 29 CFR PART 1926 "SAFETY STANDARDS FOR STEEL ERECTION",

4.6 SHOP CONNECTIONS MAY BE BOLTED OR WELDED. WELDS ARE TO BE EQUAL IN STRENGTH TO THE MINIMUM NUMBER OF BOLTS.

4.7 ENDS OF ALL COLUMNS AND ALL MEMBERS IN DIRECT BEARING SHALL HAVE THE BEARING SURFACES PREPARED TO A COMMON PLANE BY FINISHING.

4.8 ALL GROUT UNDER STEEL COLUMN BASE PLATES, BEAM BEARING PLATES AND EQUIPMENT BASES SHALL BE NON-SHRINK, NON-METALLIC TYPE.

4.9 CONNECTIONS TO EXISTING STRUCTURE TO BE WELDED UNO.

4.10 EXPOSED STEEL SHALL BE KEPT FREE AND CLEAN OF ALL FOREIGN MATTER SUCH AS GREASE, OIL, CONCRETE SPATTER, CHALK MARKS, DIRT, ETC.

4.11 ALL EXPOSED WELDS SHALL BE CLEANED BY POWER GRINDING OR BY BLAST CLEANING ACCORDING TO SSPC-SP3 OR SSPC-SP5 TO REMOVE WELDING FLUX, SLAG AND SPATTER.

4.12 ALL FLOOR AND ROOF DECKS SHALL BE 1 1/2" DEEP X 18/18 GA. GALVANIZED CELLULAR METAL DECK WITH MINIMUM Fy=40,000 PSI, UNLESS NOTED OTHERWISE ON THE PLANS. FASTEN DECK AS SHOWN ON THE DRAWINGS OR SPECIFICATIONS.

4.13 ALL STRUCTURAL STEEL SHALL BE PAINTED PER SPECIFICATION, 09900

4.14 FOR MATERIALS, FABRICATION AND CONNECTIONS. SEE STRUCTURAL STEEL

4.16 CLEAN ALL STEEL BY

- COMMERCIAL BLAST CLEANING IN ACCORDANCE WITH SSPC SP6
- PAINT WITH ONE COAT OF RUST INHIBITIVE UNLEADED UNIVERSAL PRIMER TOUCH UP WELDS AND BOLTED CONNECTIONS IN THE FIELD WITH
- SAME OR COMPATIBLE PAINT

DELETE PAINT ON ALL STEEL TO RECEIVE SPRAYED ON FIREPROOFING OR CONCRETE EMERGENCY.

6.17 PREPARE AND SUBMIT COMPLETE ERECTION AND DETAILS SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL.

6.18 VERIFY EXISTING CONDITIONS INCLUDING THE LOCATION, ELEVATION, AND DIMENSIONS OF EXISTING EALLS AND FRAMING.

6.19 VERIFY DIMENSIONS OF EQUIPMENT SUPPORTS WITH SHOP DRAWINGS OF PURCHASED EQUIPMENT.

1. STRIP AND STOCKPILE TOPSOIL AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
2. EXCAVATE TO LINE AND GRADE AS NOTED ON THE DRAWINGS.
3. COMPACT FILL MATERIAL.
 - * TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D 1557
 - * AS DIRECTED IN THE SPECIFICATIONS
4. IF CONDITIONS ARE NOT AS ANTICIPATED FROM THE SOIL BORINGS, LEAVE EXCAVATION OPEN FOR INSPECTION BY THE ENGINEER BEFORE PLACING CONCRETE.
5. PLACE FOOTING CONCRETE WITHIN 30 HOURS OF EXCAVATION. THE FOOTING SUBGRADE SHALL BE INSPECTED IMMEDIATELY BEFORE CONCRETING, ANY SOFT, LOOSE, SATURATED, FROZEN, OR OTHER UNACCEPTABLE MATERIAL THUS DISCOVERED SHALL BE REMOVED BEFORE PLACING CONCRETE.
6. BACKFILL ADJACENT TO FOOTING, PADS, GRADEBEAMS, WALLS, ETC. SHALL BE COMPACTED TO AT LEAST 92% OF STANDARD DRY DENSITY IN ACCORDANCE WITH ASTM D698.

ALL PRIMARY STRUCTURAL ELEMENTS SHALL BE GALVANIZED STEEL.

ALL PRIMARY STRUCTURAL ELEMENTS SHALL BE A572 OR A992 50KSI.

ALL WELDS SHALL NOT BE GREATER THE THINNER ELEMENT OF THE WELDED CONNECTION, 1/16 IN. 4. ALL ANCHOR BOLTS SHALL BE A307 HOOK ANCHOR BOLTS MINIMUM.

ROOF DECK SHALL BE TYPE E MULTILAYER STRUCTURAL DECK GA. 24 MINIMUM. EXCEPT NOTED OTHERWISE ON DRAWINGS.

ROOF FASTENERS SHALL BE STAINLESS STEEL #12-14 WITH NEOPRENE WASHER PROTECTED WITH STEEL CAP WASHER.

PURLINS SHALL BE GALVANIZED CO 2 CHANNELS 55 KSI MINIMUM.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO ACTUAL CONSTRUCTION. ANY CONFLICT WITH DETAILS OR NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER FOR CLARIFICATION.

ALL CONSTRUCTION, EXCAVATION AND/OR DEMOLITION SHALL BE MADE IN SUCH A WAY AS NOT TO IMPAIR THE STRENGTH, STABILITY OR USE OF ANY EXISTING STRUCTURE TO REMAIN.

STRUCTURAL BOLTS SHALL BE 3/4" MIN. A325 OR A490 HIGH STRENGTH BOLTS FOR PRIMARY MEMBERS AND FOR SECONDARY MEMBERS (PURLINS) USE 1/2" A307 ZINC ELECTROPLATED GALVANIZED BOLTS WITH 2 WASHERS.

LIVE LOAD ON FLOORS ARE 50 PSF. LIVE LOADS ON ROOF ARE 20 PSF.

2. SEISMIC AND WIND LOADS ARE AS PER PR CODE DESIGN (ASCE 7-16, WIND, V= 168 MPH, CATEGORY II, EXPOSURE B

3. CONTRACTOR SHALL SUBMIT TO DESIGN ENGINEER SHOP DRAWINGS FOR APPROVAL BEFORE COMMENCING FABRICATION OF STEEL STRUCTURE.

4. DESIGN LOAD REQUIREMENTS USE ON THESE STRUCTURES MAY VARY DEPENDING ON FINAL SITE LOCATION. EACH LOCATION SHALL BE EVALUATED FOR SPECIFIC SEISMIC AND WIND LOAD REQUIRED IN THAT SPECIFIC SITE.

CONCRETE STRENGTH FOR FOOTING AND SLAB SHALL BE 3,500 PSI MINIMUM. 16. YIELD STRENGTH OF REINFORCE STEEL BARS SHALL BE 60,000 PSI MINIMUM.

21. ALL MASONRY WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
4200 CONCRETE MASONRY UNITS

22. MASONRY PRISM STRENGTH, f_m SHALL BE A MINIMUM OF 1500 PSI.
ALL CELLS WITH VERTICAL REINFORCING AND ALL BOND BEAMS SHALL BE FILLED
WITH GROUT HAVING A MINIMUM 28 DAY COMPRESSIVE STRENGTH, f_c = 3,000 PSI.

23. ALL MORTAR SHALL BE TYPE M OR TYPE S IN ACCORDANCE WITH SPECIFICATION 220.0410

24. HORIZONTAL REINFORCING IN WALLS AND BOND BEAMS SHALL BE CONTINUOUS
ACROSS CORNERS. ALL REINFORCING SPLICES SHALL BE LAPPED FOR A
MINIMUM OF 48 BAR DIAMETERS. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS
FOR DETAILS OF REINFORCING

25. PRIOR TO AND DURING CONSTRUCTION, MASONRY PRISM TESTS SHALL BE TAKEN
IN ACCORDANCE WITH UBC SECTION 2405(C) OR, AS AN ALTERNATE, MASONRY
UNITS AND GROUT SPECIMENS SHALL BE TESTED IN ACCORDANCE WITH UBC
SECTION 2405(C)3.

26. PERIODIC SPECIAL INSPECTION SHALL BE PERFORMED FOR ALL EXTERIOR
(STRUCTURAL) MASONRY WORK IN ACCORDANCE WITH UBC SECTIONS 306(A)7 AND 306(E)

27. MAXIMUM HEIGHT OF GROUT POURS SHALL BE 4'-0"

28. ALL LAP SPLICES OF THE SLAB ON GROUND MUST BE DONE AT SLAB INTERSECTIONS WITH THE
CONCRETE OR MASONRY WALL.

29. SEE TYPICAL ANCHORAGE BETWEEN MASONRY UNITS AND CONCRETE SLAB FOR ALL MASONRY
WALLS NOT SHOWN ON FOUNDATION PLAN.

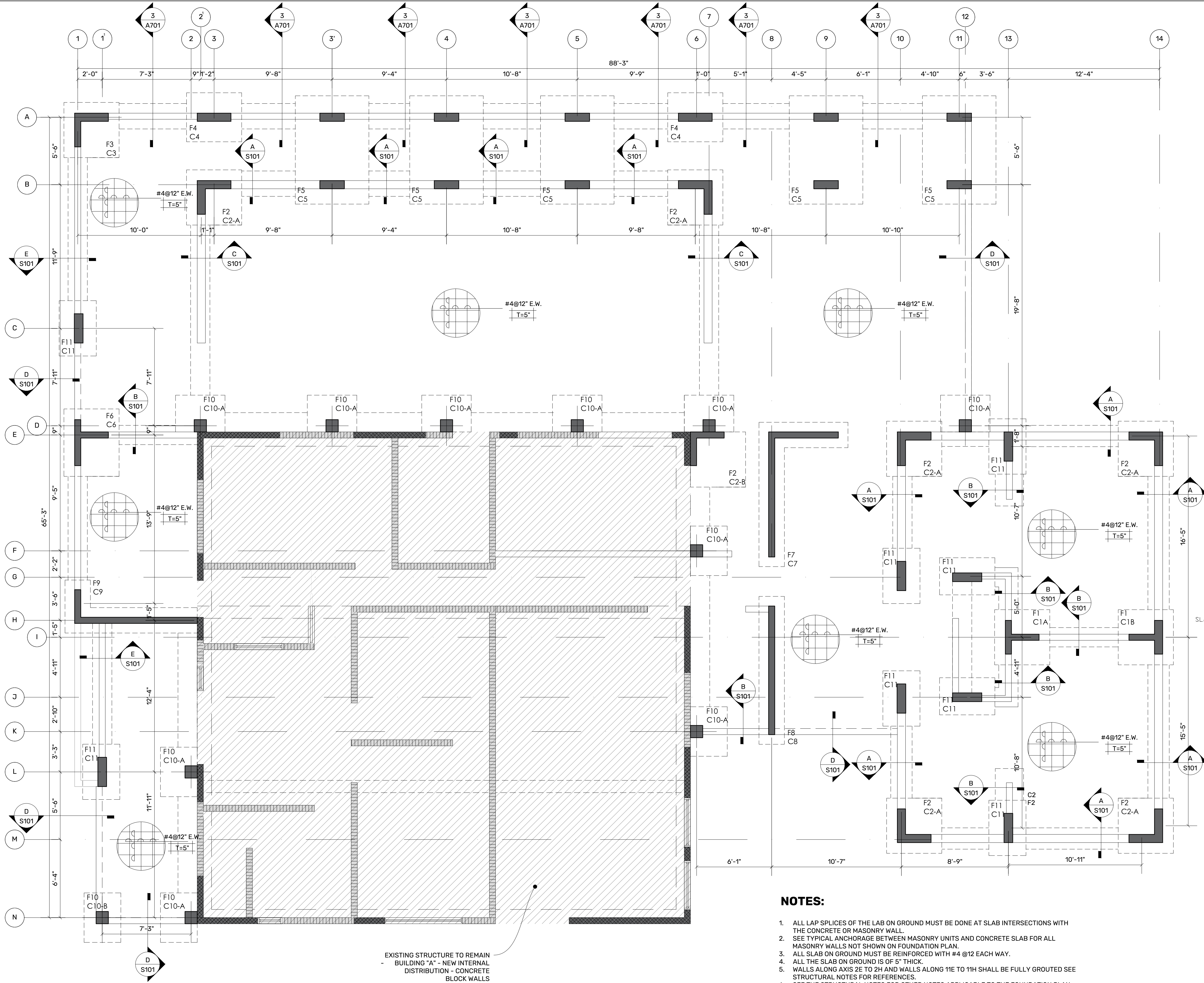
30. ALL SLAB ON GROUND MUST BE REINFORCED WITH #4 12" EACH WAY.

31. ALL THE SLAB ON GROUND IS OF 5" THICK.

32. WALLS ALONG AXIS 2E TO 2H AND WALLS ALONG 11E TO 11H SHALL BE FULLY GROUTED SEE
STRUCTURAL NOTES FOR REFERENCE.

33. SEE THE STRUCTURAL NOTES FOR OTHER NOTES APPLICABLE TO THE FOUNDATION PLAN.

ALL SLAB REINFORCEMENT MUST END IN STANDARD HOOK
ALL SLAB SHALL BE 6" THICK



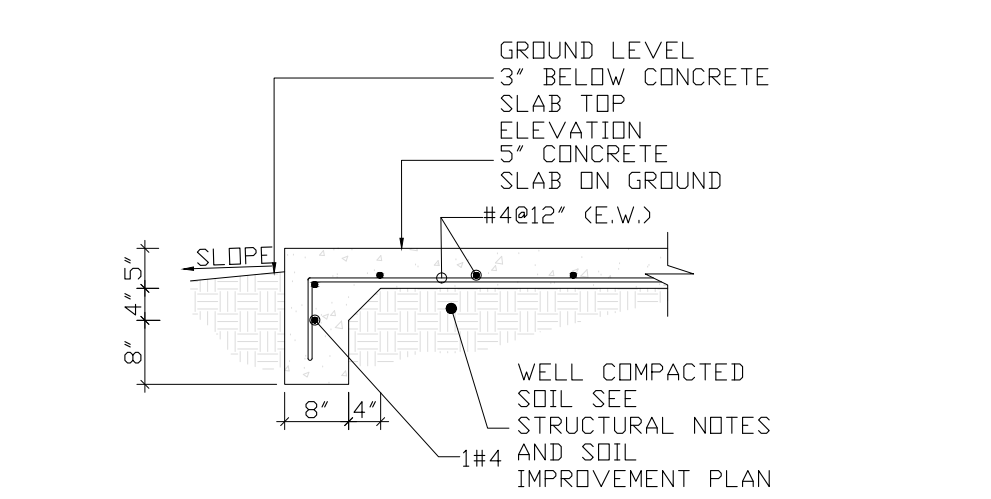
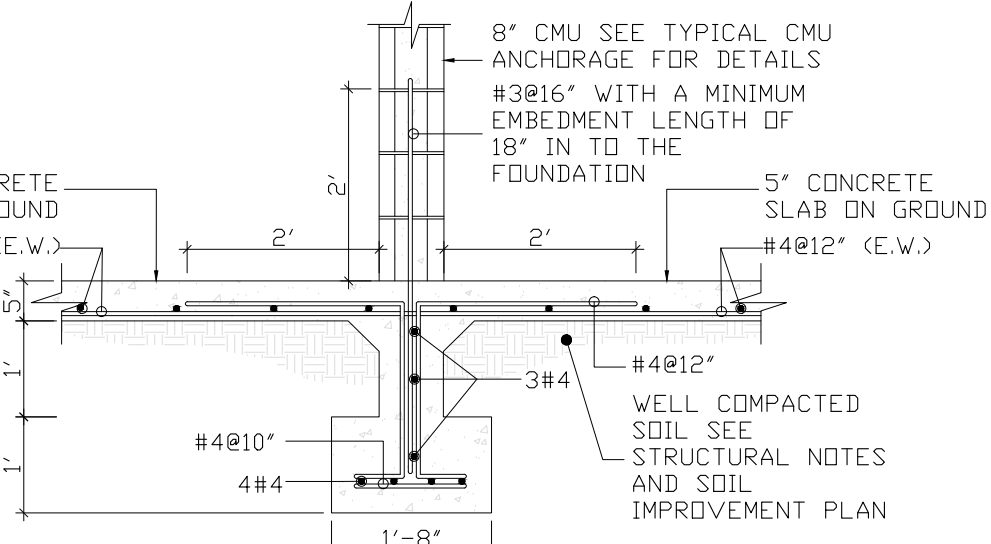
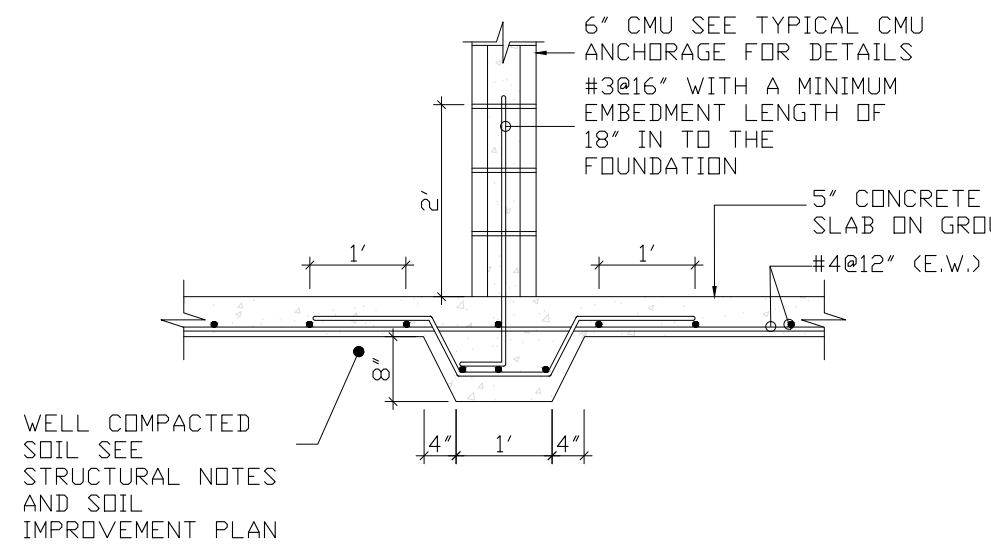
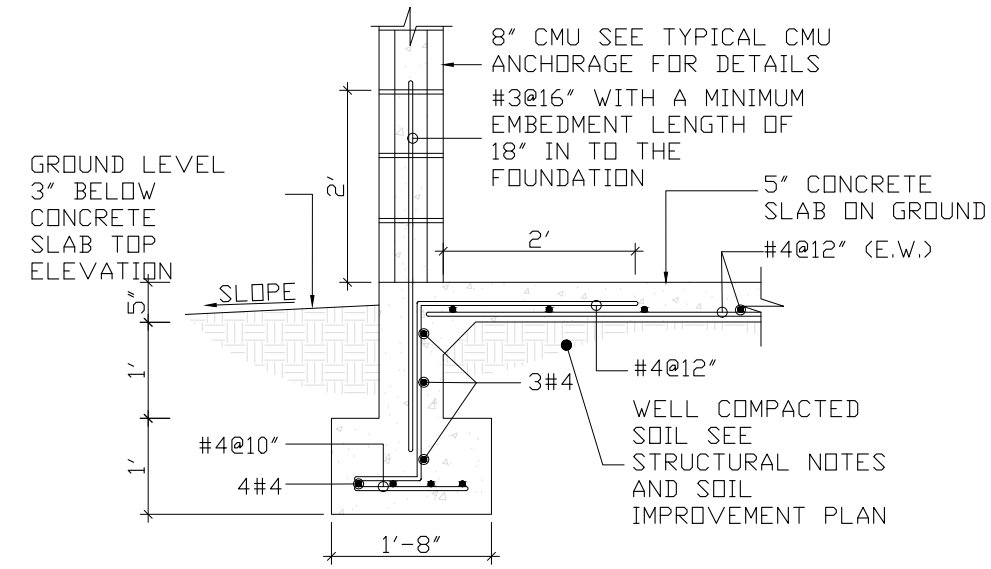
1 FOUNDATION PLAN
SCALE: 1/4" = 1' - 0"

A SECTION DETAIL
SCALE: 1/2" = 1' - 0"

B SECTION DETAIL
SCALE: 1/2" = 1' - 0"

C SECTION DETAIL
SCALE: 1/2" = 1' - 0"

D SECTION DETAIL
SCALE: 1/2" = 1' - 0"



NOTES:

1. ALL LAP SPLICES OF THE LAB ON GROUND MUST BE DONE AT SLAB INTERSECTIONS WITH THE CONCRETE OR MASONRY WALL.
2. SEE TYPICAL ANCHORAGE BETWEEN MASONRY UNITS AND CONCRETE SLAB FOR ALL MASONRY WALLS NOT SHOWN ON FOUNDATION PLAN.
3. ALL SLAB ON GROUND MUST BE REINFORCED WITH #4 @12 EACH WAY.
4. ALL THE SLAB ON GROUND IS OF 5" THICK.
5. WALLS ALONG AXIS 2E TO 2H AND WALLS ALONG 11E TO 11H SHALL BE FULLY GROUTED SEE STRUCTURAL NOTES FOR REFERENCES.
6. SEE THE STRUCTURAL NOTES FOR OTHER NOTES APPLICABLE TO THE FOUNDATION PLAN.

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV.	DATE	DESCRIPTION	BY	CHK'D
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CERTIFICATION

I, WILLIAM MELENDEZ RIVAS, LIC. 16383, CERTIFY THAT I AM THE PROFESSIONAL WHO (MADE, DESIGNED OR PREPARED) THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS AND THE APPLICABLE PROVISIONS OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES, REGULATORY BOARDS OR PUBLIC CORPORATIONS WITH JURISDICTION. I FURTHER CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE PROVISIONS OF LAW 14-2004, AS AMENDED, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE (LAW NO. 339 OF MAY 15, 1938, AS AMENDED; ACT NO. 96 OF JULY 6, 1978, AS AMENDED; AS APPLICABLE). I ACKNOWLEDGE THAT ANY FALSE STATEMENT OR MISREPRESENTATION OF FACTS THAT HAS BEEN PRODUCED BY IGNORANCE OR NEGLIGENCE EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHERS WITH MY KNOWLEDGE, MAKES ME RESPONSIBLE FOR ANY JUDICIAL AND DISCIPLINARY ACTION BY THE ODEP.

IPG INGENIUM
PROFESSIONAL GROUP

654 Ave. Muñoz Rivera - Suite 1638
654 Plaza, San Juan, PR 00738
Tel: (787) 938-5800 / 5891
Email: info@ingeniumgroup.com

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

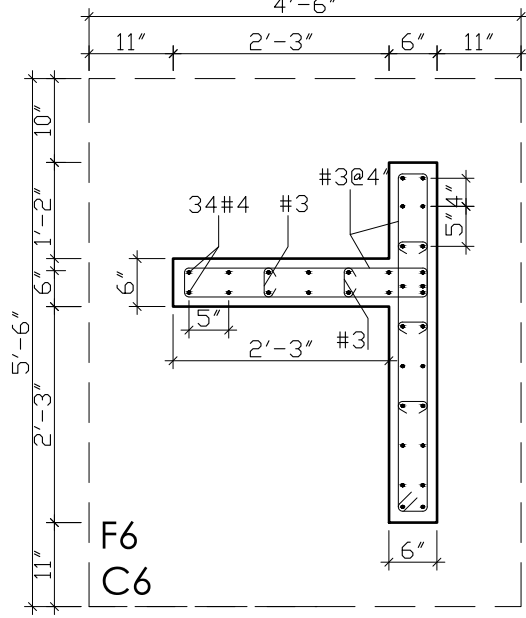
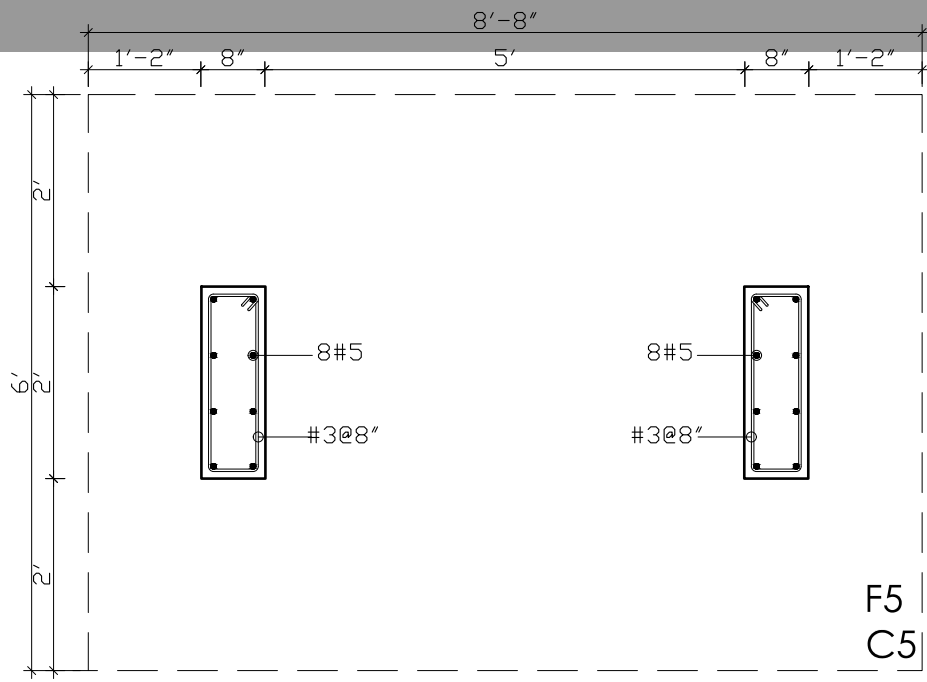
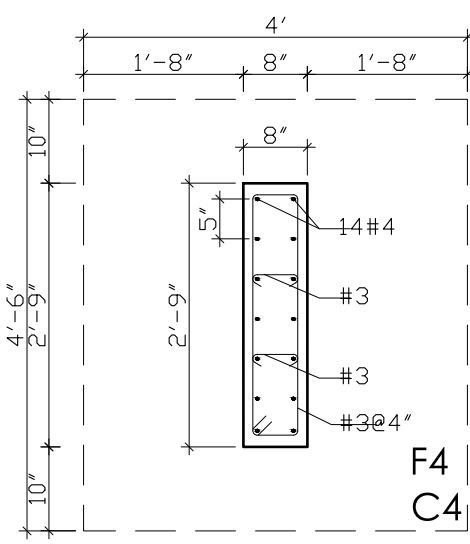
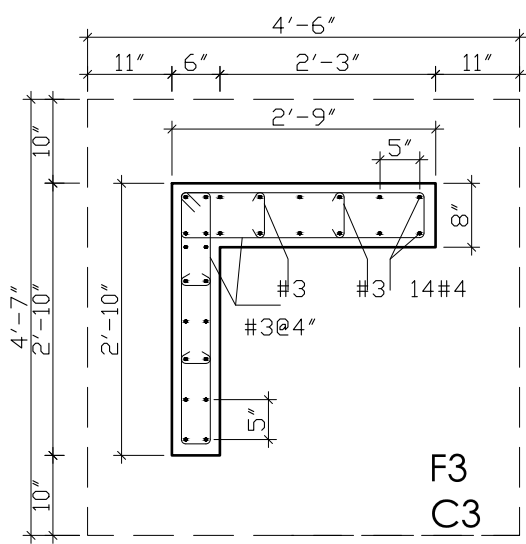
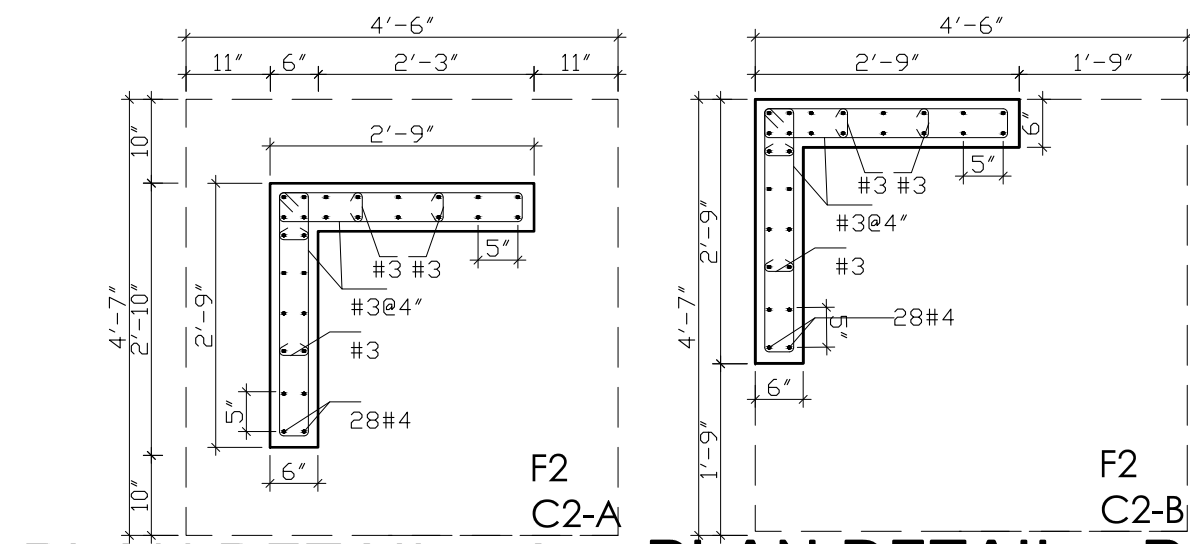
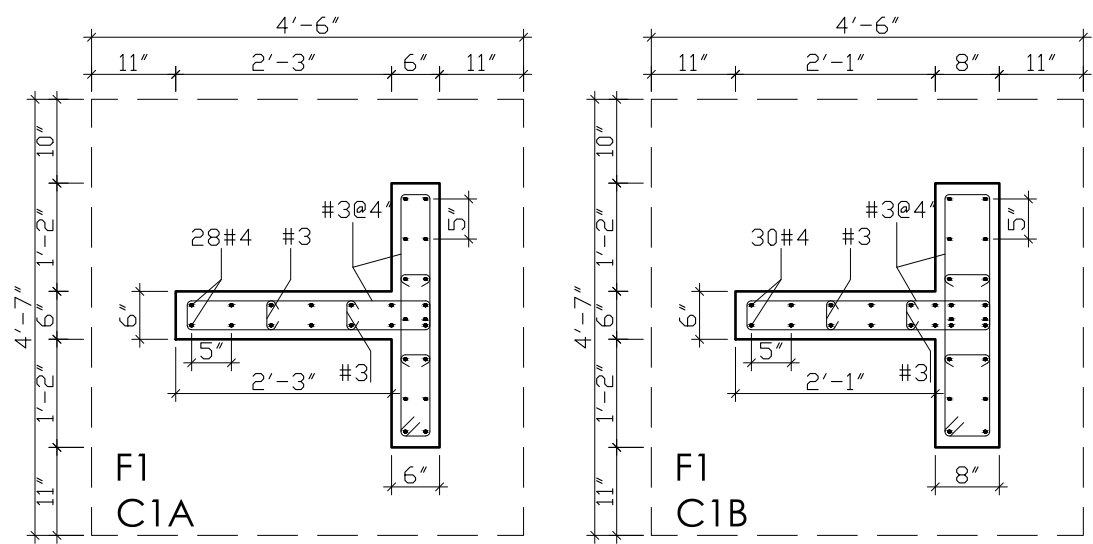
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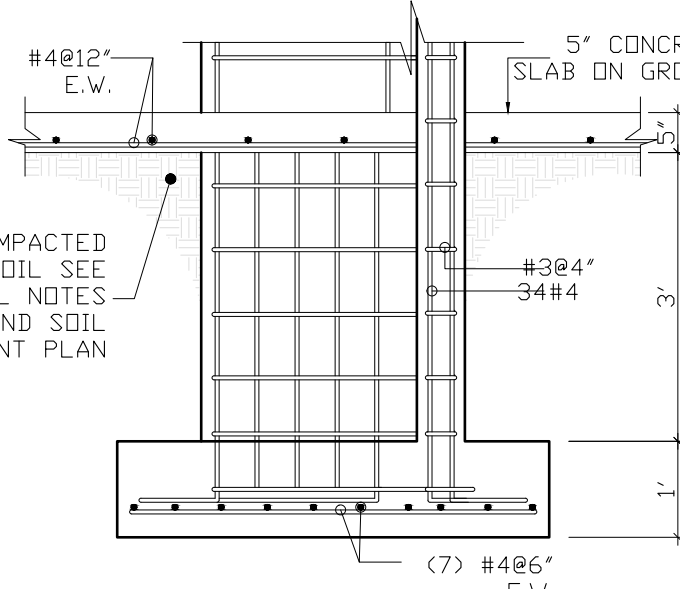
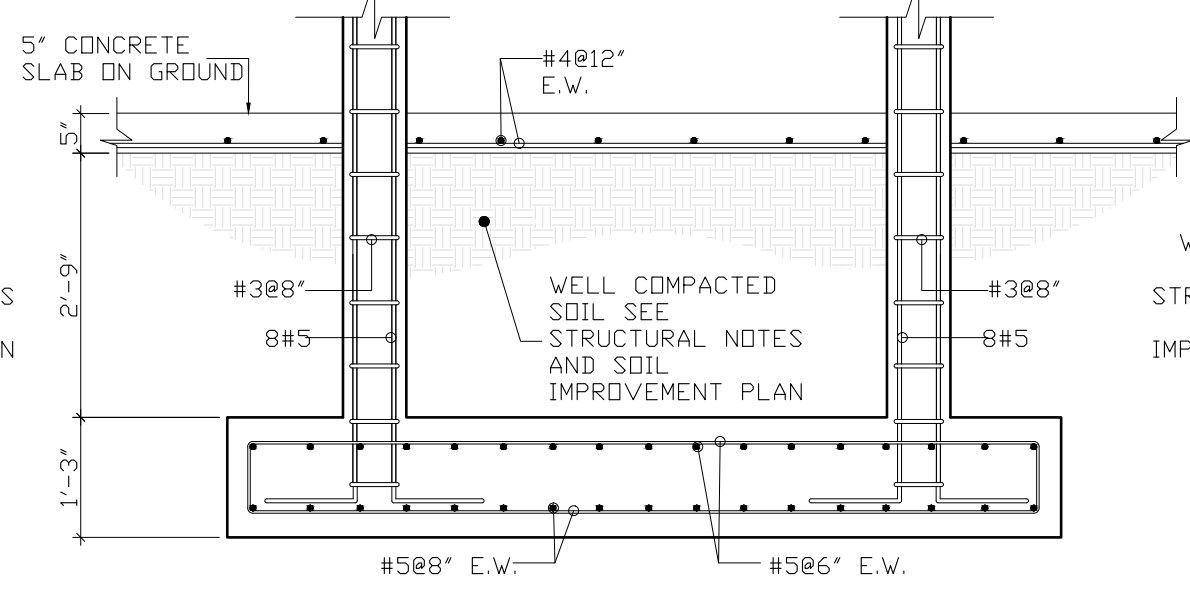
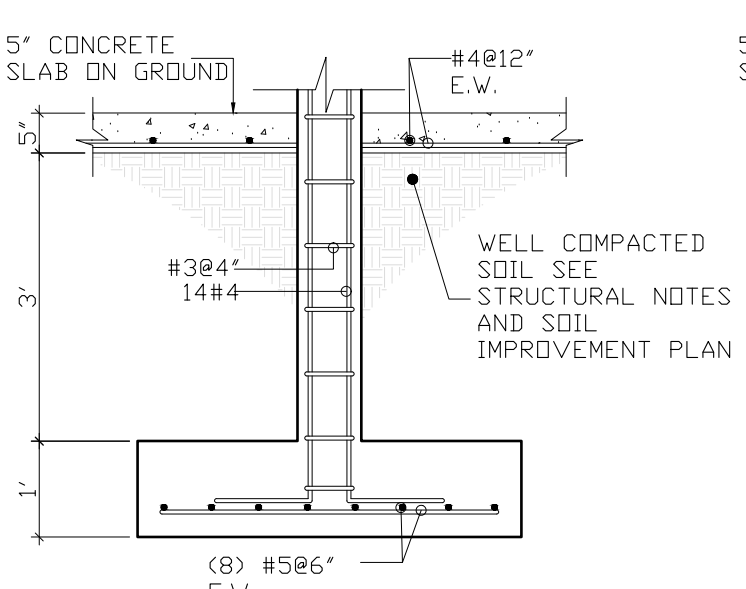
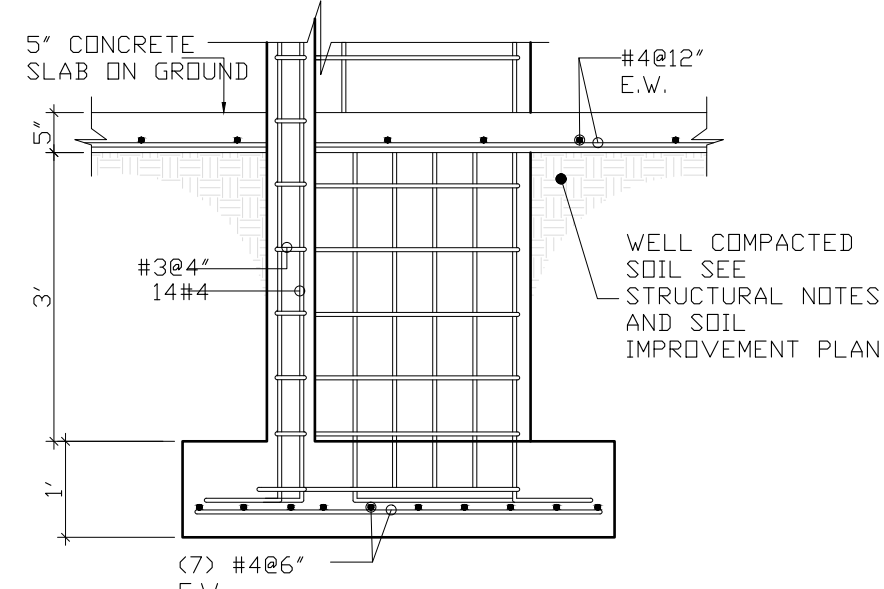
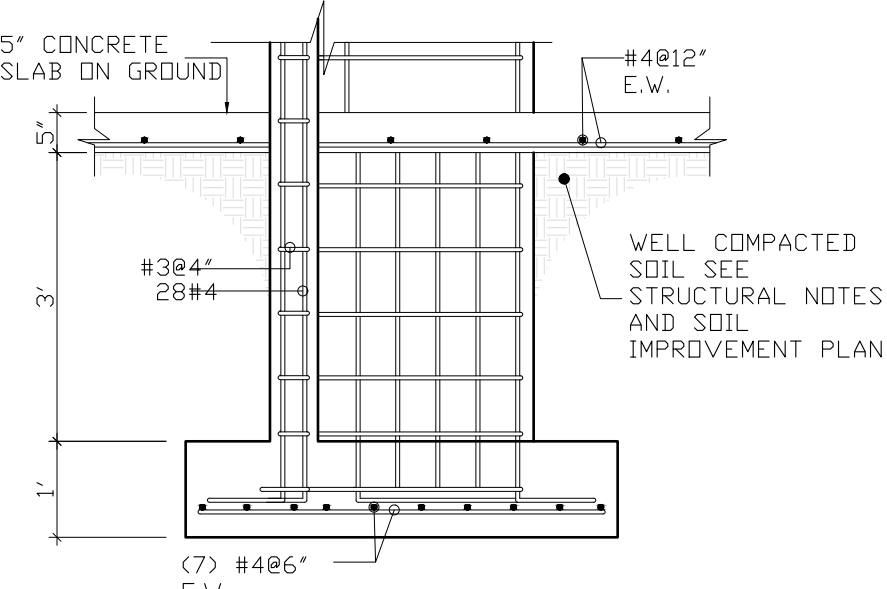
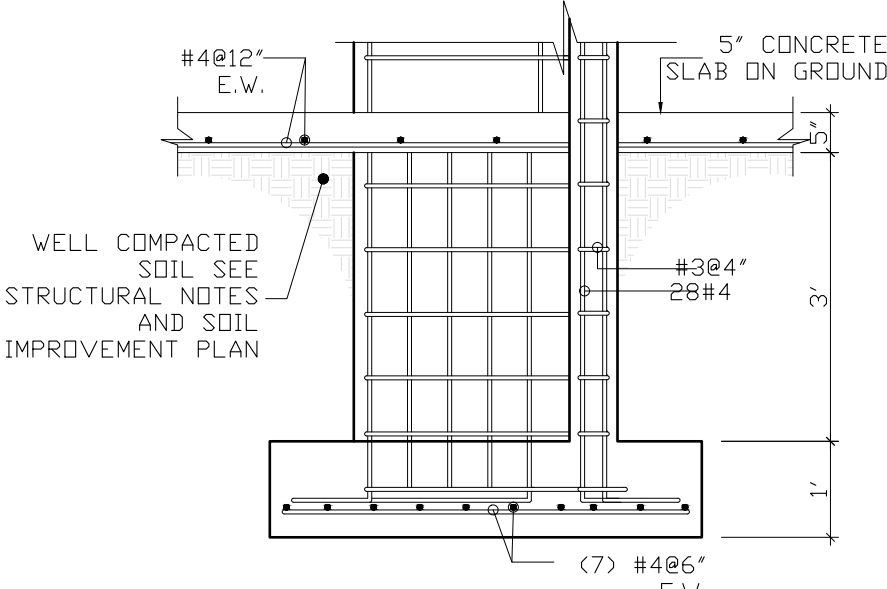
FOUNDATION PLAN

DRAWING No.

S101



PLAN DETAIL - A PLAN DETAIL - B



STRUCTURAL DETAIL

F1-C1

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

STRUCTURAL DETAIL

F2-C2

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

STRUCTURAL DETAIL

F3-C3

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

STRUCTURAL DETAIL

F4-C4

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

STRUCTURAL DETAIL

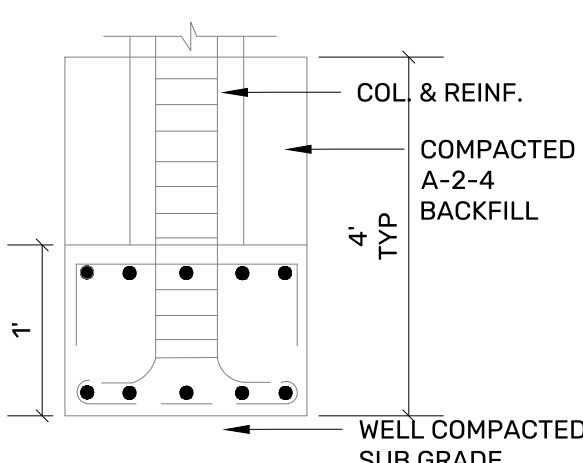
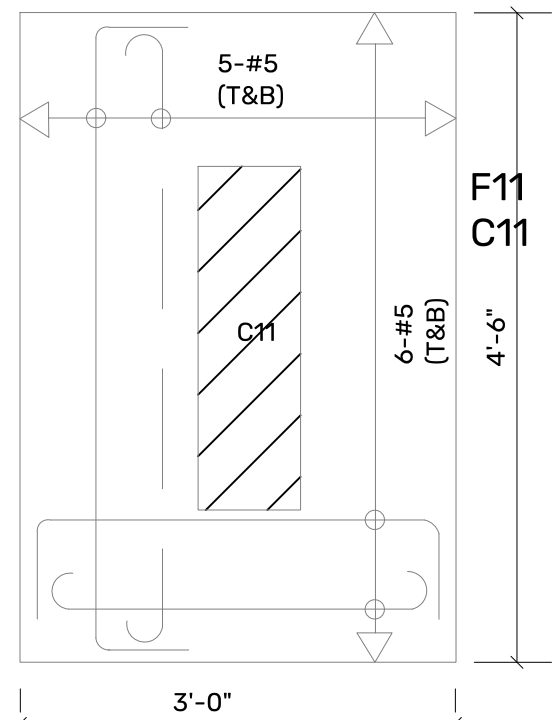
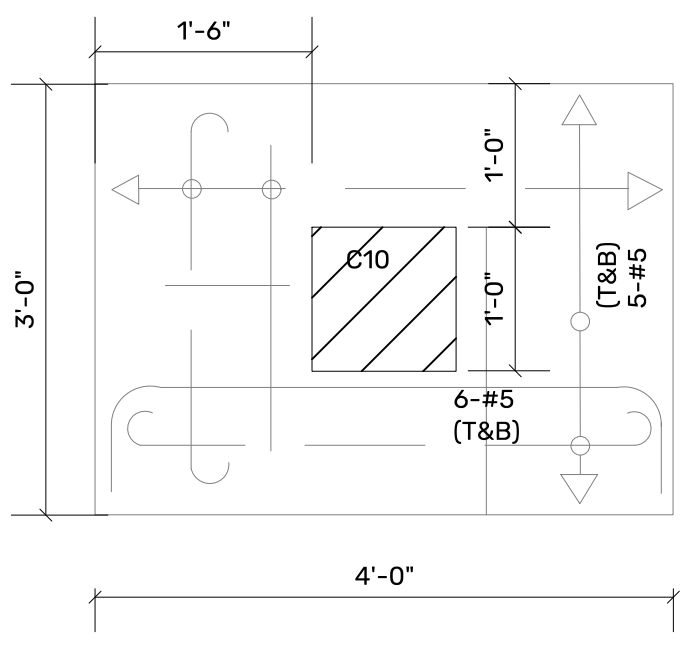
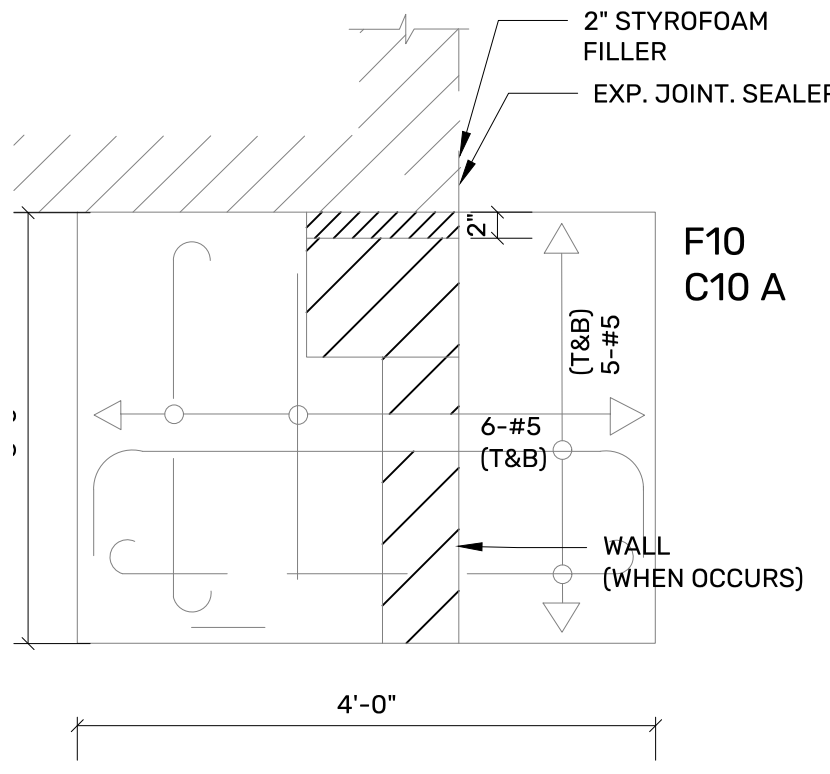
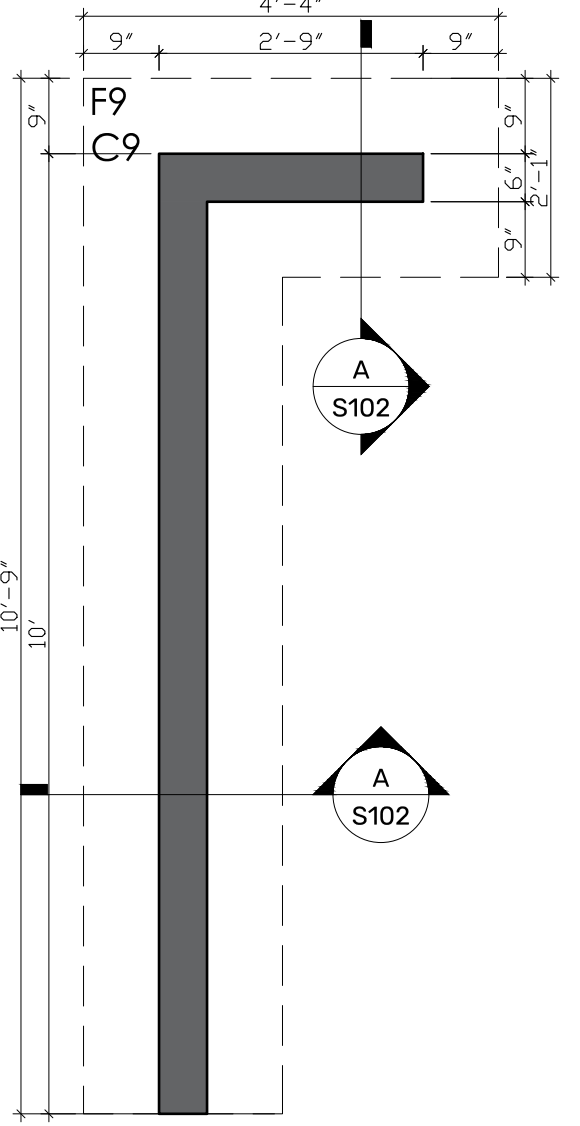
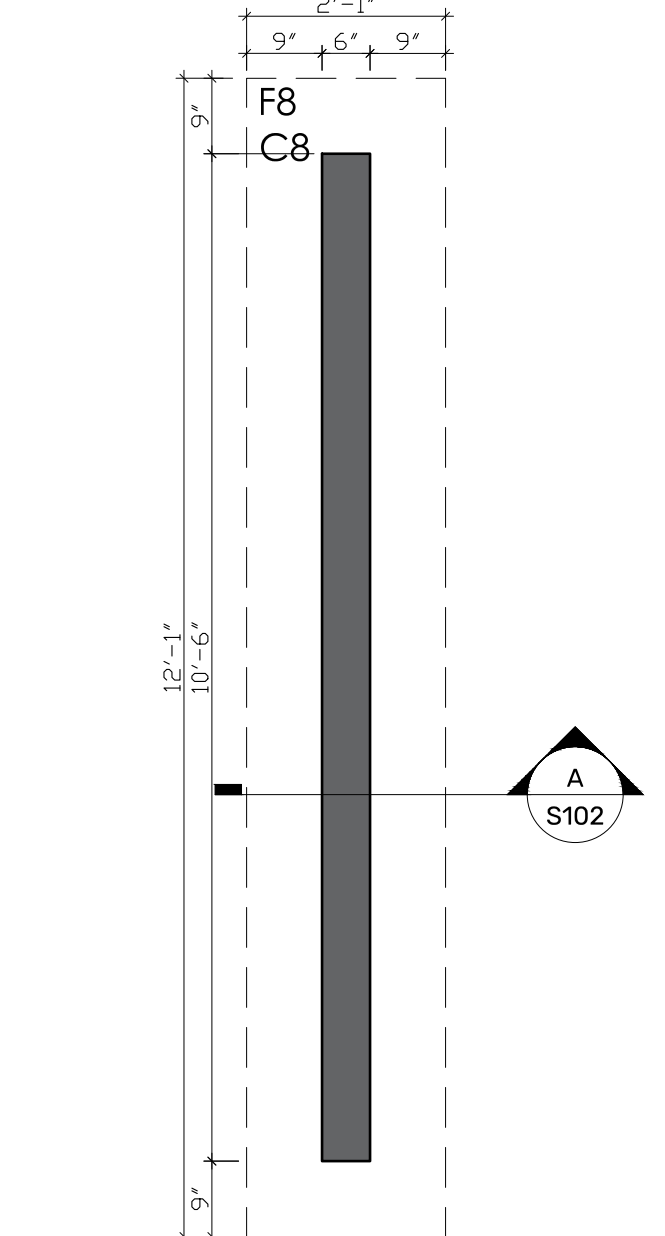
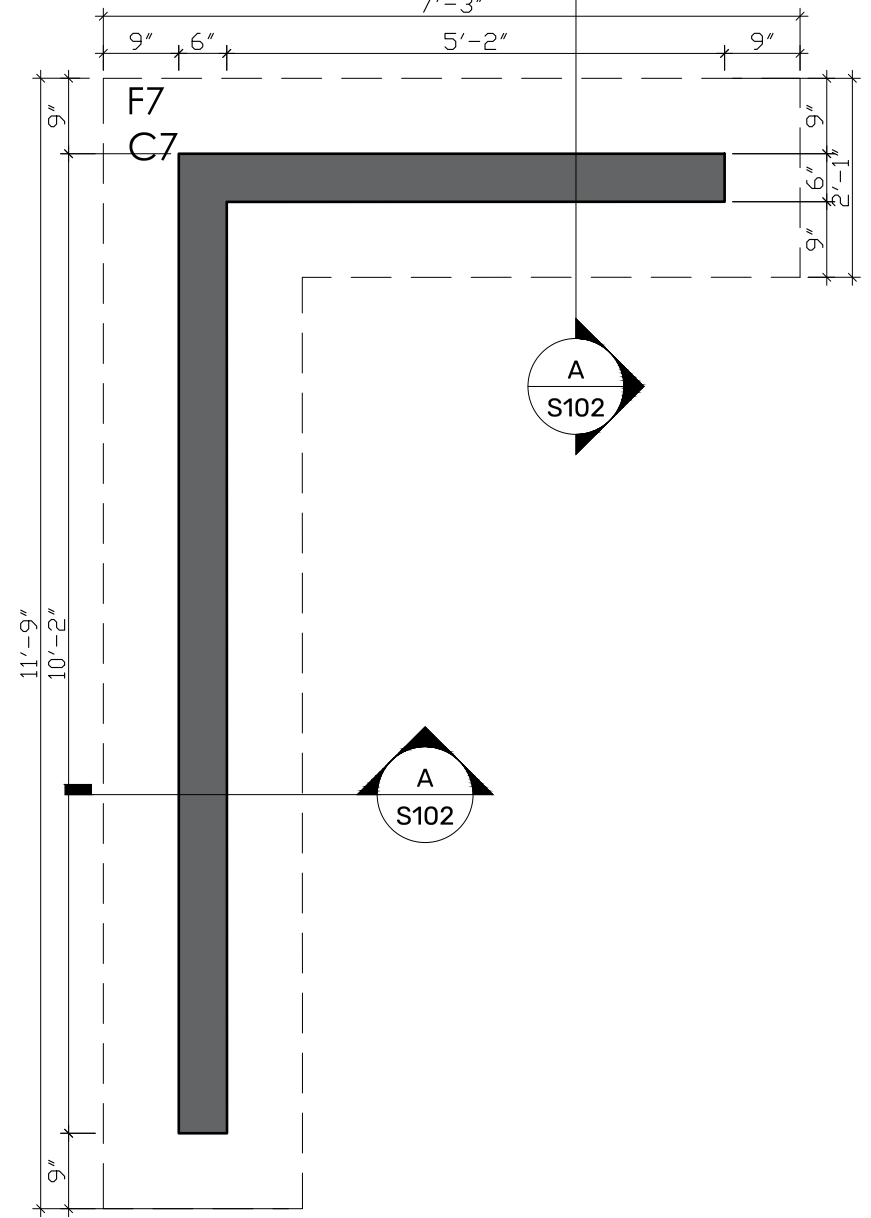
F5-C5

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

STRUCTURAL DETAIL

F6-C6

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



STRUCTURAL DETAIL

F7-C7

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

STRUCTURAL DETAIL

F8-C8

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

STRUCTURAL DETAIL

F9-C9

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

PLAN DETAIL - A

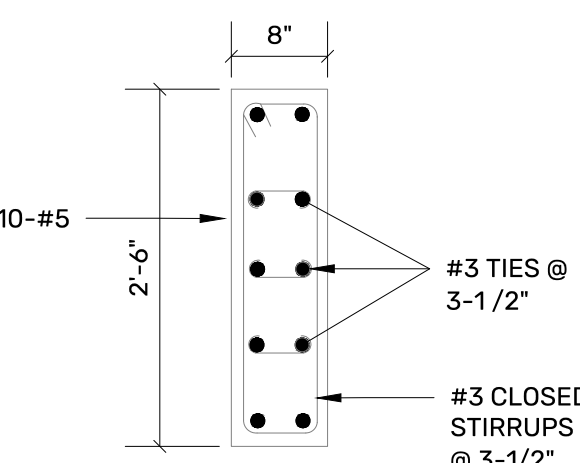
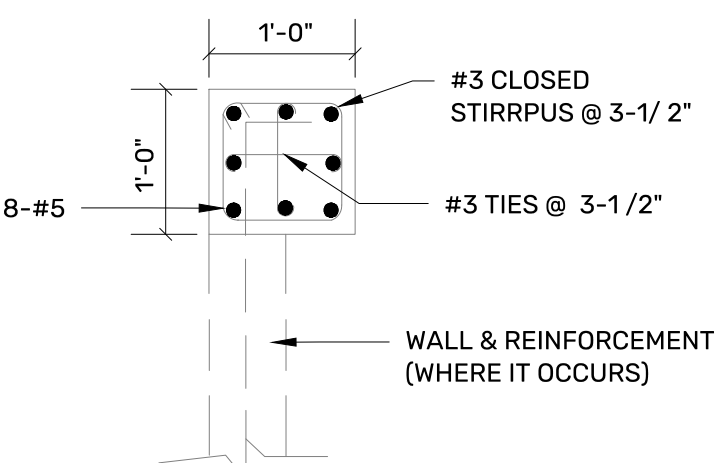
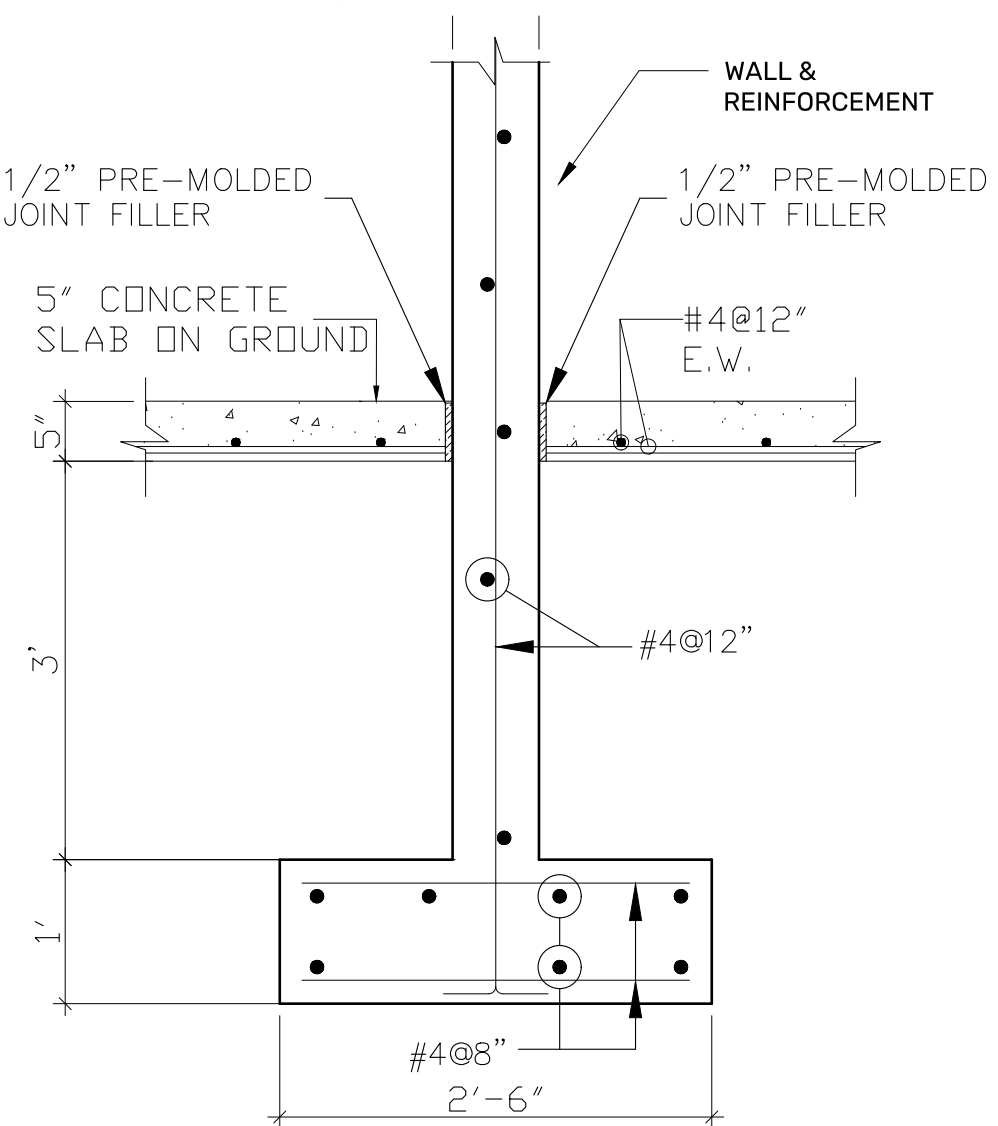
PLAN DETAIL - B

PLAN DETAIL

FOOTING TYPICAL

SECTION

SCALE: 3/4" = 1' - 0"



STRUCTURAL DETAIL

F10-C10

SCALE: 3/4" = 1' - 0"

STRUCTURAL DETAIL

F11-C11

SCALE: 3/4" = 1' - 0"

STRUCTURAL DETAIL

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

PROJECT ADDRESS
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REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV.	DATE	DESCRIPTION	BY	CHK'D
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654 Ave. Muñoz Rivera - Suite 1638
654 Plaza, San Juan, PR 00738
Tel: (787) 98-5800 / 5891
Email: info@ingeniumgroup.com

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Reviewed by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

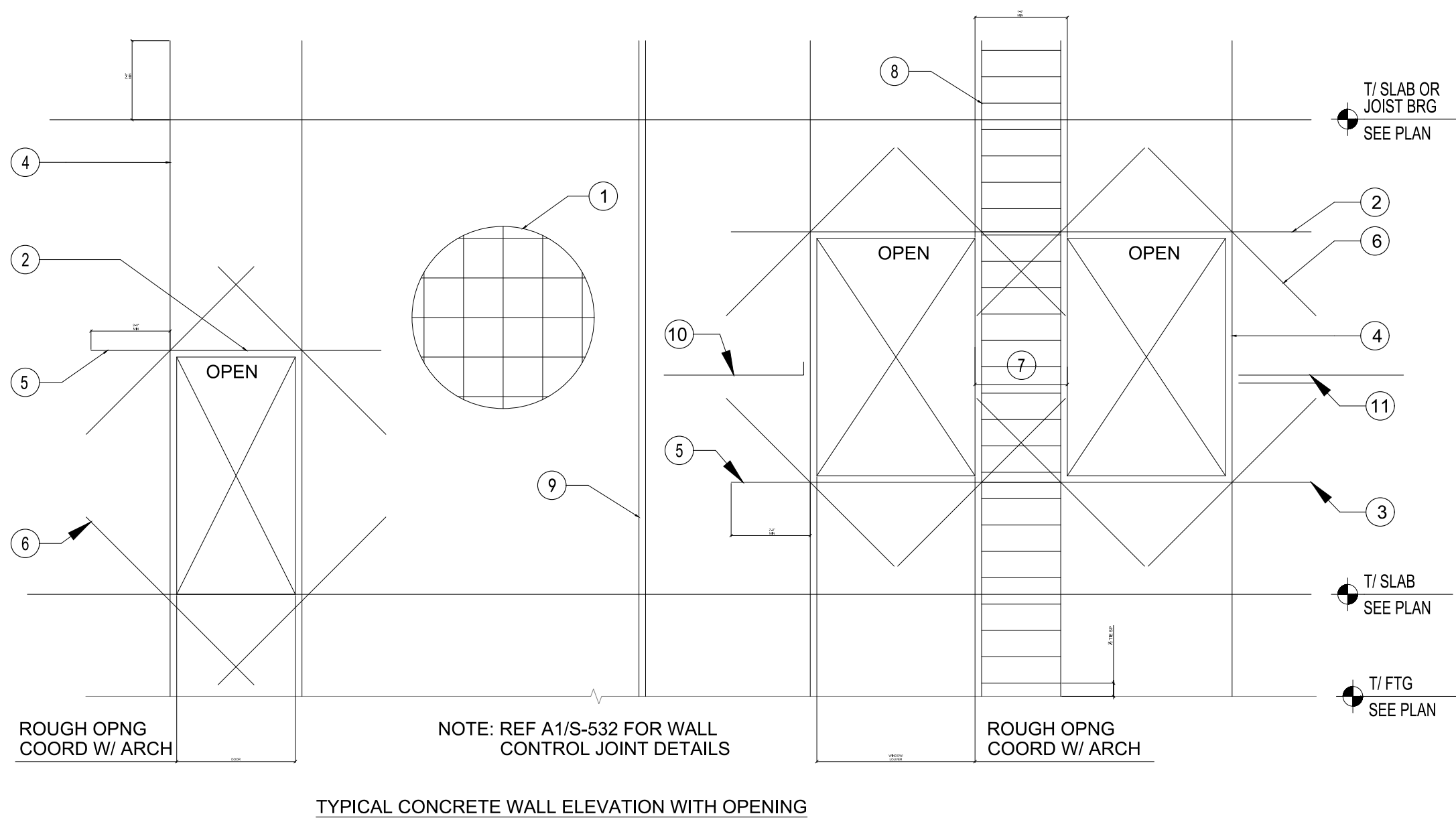
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STRUCTURAL DETAILS

DRAWING No.

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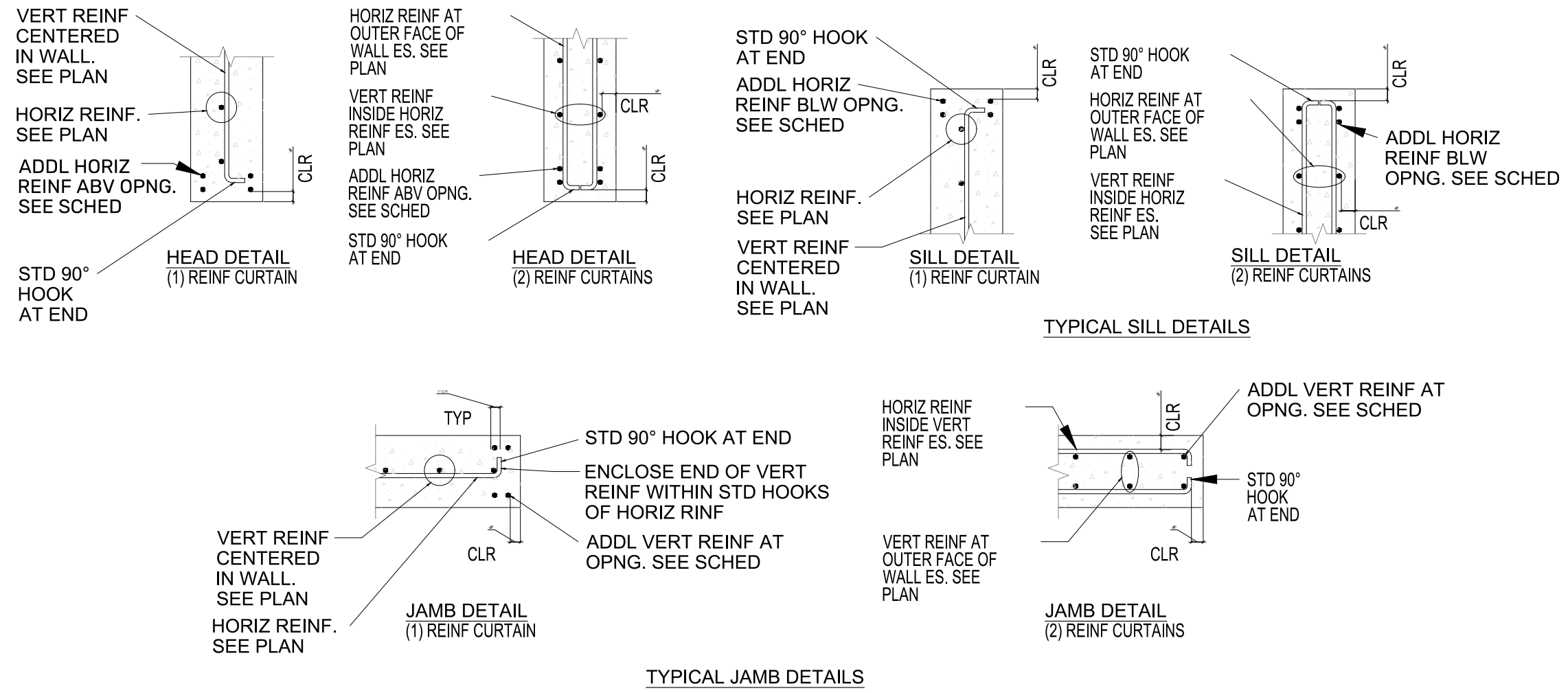
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1 TYPICAL CONCRETE WALL OPENING DETAILS

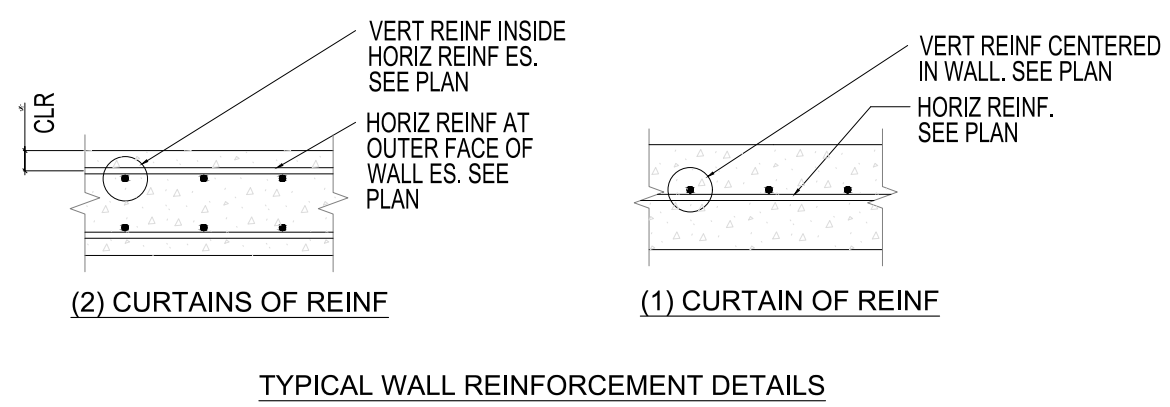
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- NOTES:**
1. TYPICAL WALL REINF. SEE PLAN.
 2. ADDL HORIZONTAL REINF ABOVE OPENING.
 3. ADDL HORIZONTAL REINF BELOW OPENING.
 4. ADDL VERTICAL REINF AT EACH JAMB.
 5. WHERE END OF WALL OR JAMB IS WITHIN 2'-0" OF ROUGH OPENING, PROVIDE STANDARD 90° HOOK.
 6. PROVIDE #5 BAR 6'-0" LONG CORNER REINF AT 1:1 SLOPE. PROVIDE (1) BAR AT 8" WALLS, (2) BARS AT 10" WALLS, (1) EACH FACE.
 7. WHERE DISTANCE BETWEEN OPENINGS OR END OF WALL AND OPENING IS 24" OR LESS FOR 8" WALLS AND 30" OR LESS FOR 10" WALLS, PROVIDE #6 VERT BARS AT 8" OC MAX EF (MIN (4)) AND #3 TIES AT 8" OC MAX. SEE A1/S-532 FOR TIE DETAILS. SEE JAMB DETAILS FOR ADDL VERTICAL REINFORCEMENT.
 8. WHERE TIES ARE REQUIRED (SEE NOTE 7), CONTINUE TIES BEYOND HIGHER OPENING A DISTANCE EQUAL TO THE TENSION SPLICE LENGTH OF THE VERTICAL BARS, OR TO THE TOP OF WALL.
 9. CONTROL JOINTS SHALL BE PLACED IN ALL WALLS AT A MAXIMUM SPACING OF 25'-0". CONTROL JOINTS SHALL NOT BE LOCATED AT LIPS TO WALL OR SILL TO WALL INTERFACES.
 10. TERMINATE BARS WITH STANDARD HOOK WHERE WALL IS REINFORCED WITH SINGLE CURTAIN.
 11. TERMINATE BARS WITH HOOPS WHERE WALL IS REINFORCED WITH BARS EACH FACE.

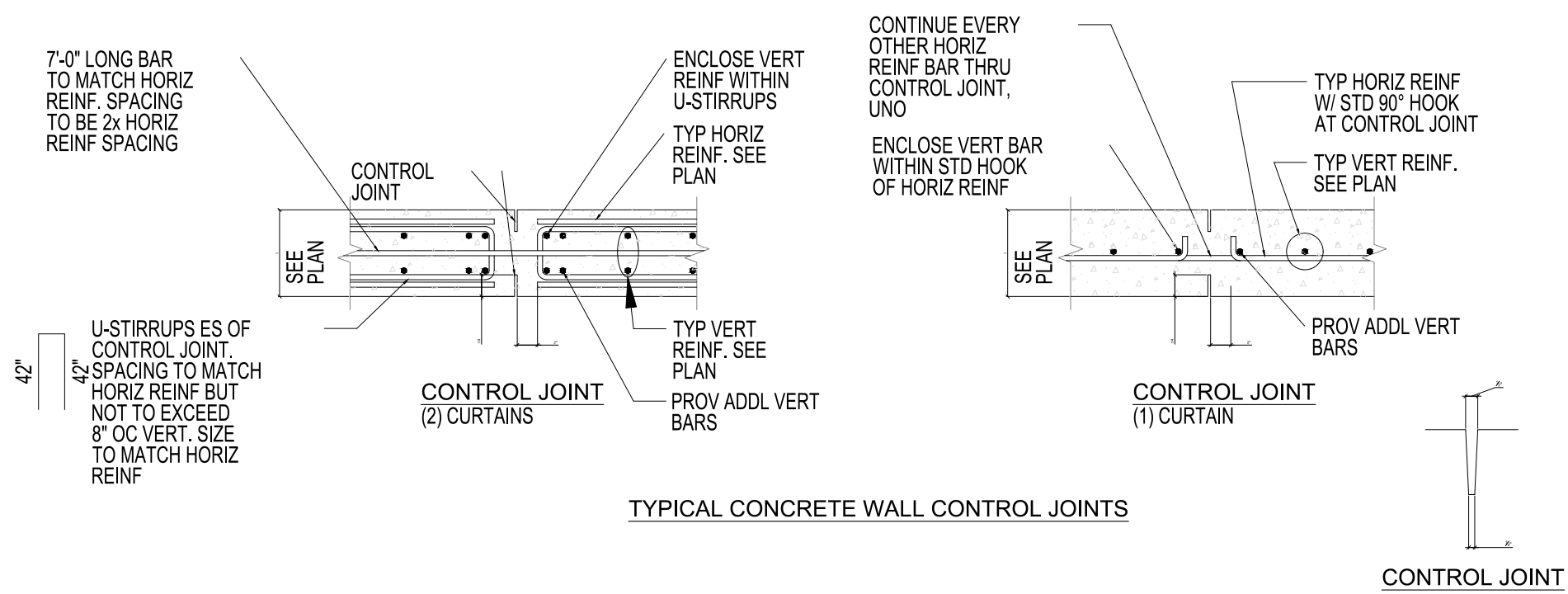


LARGER OPENING DIMENSION "A"	ADDITIONAL HORIZONTAL AND VERTICAL REINFORCEMENT
$A \leq 6'-0"$	(1) #5 EF
$6'-0" \leq A < 12'-0"$	(2) #5 EF
$12'-0" \leq A < 18'-0"$	(3) #5 EF
$18'-0" \leq A < 24'-0"$	(4) #5 EF

ADDITIONAL OPENING PERIMETER REINFORCEMENT SCHEDULE



TYPICAL WALL REINFORCEMENT DETAILS

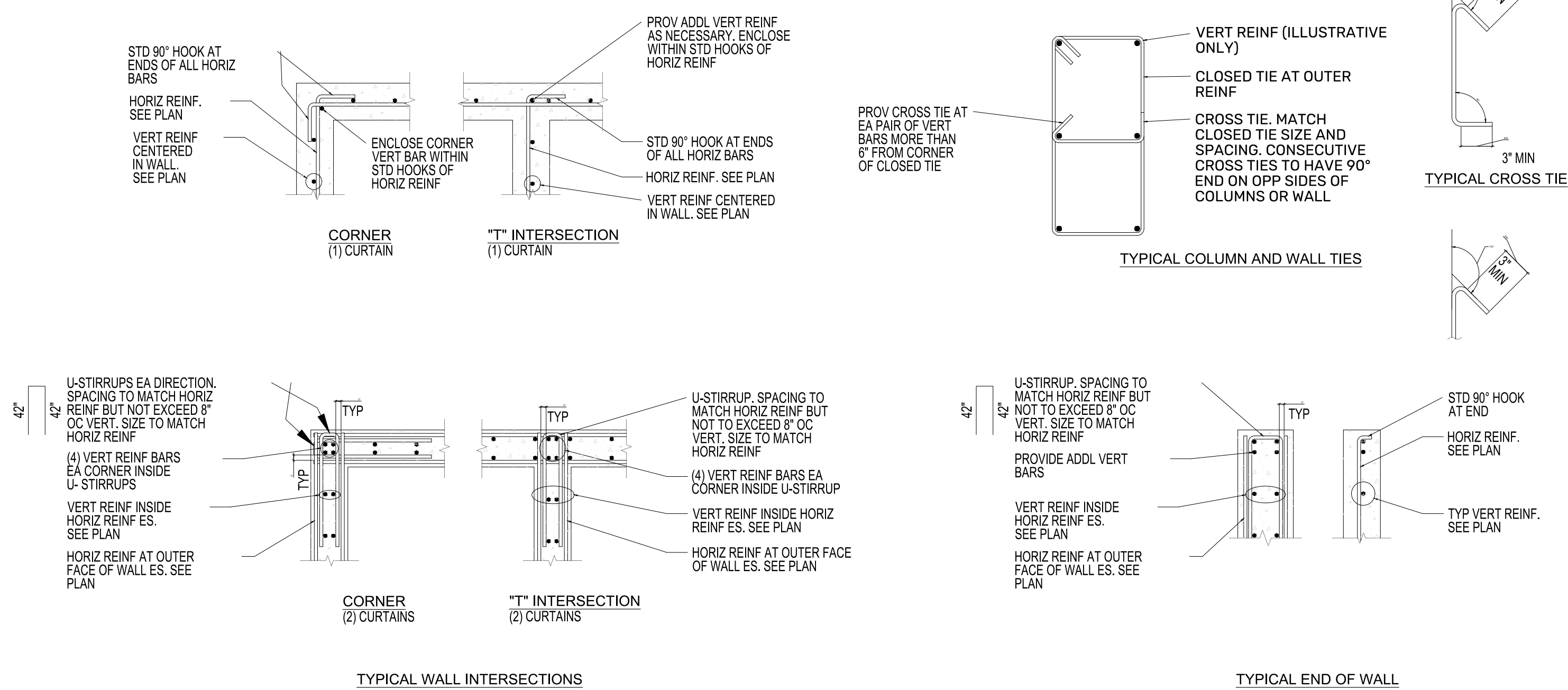


TYPICAL CONCRETE WALL CONTROL JOINTS

2 TYPICAL CONCRETE WALL DETAILS

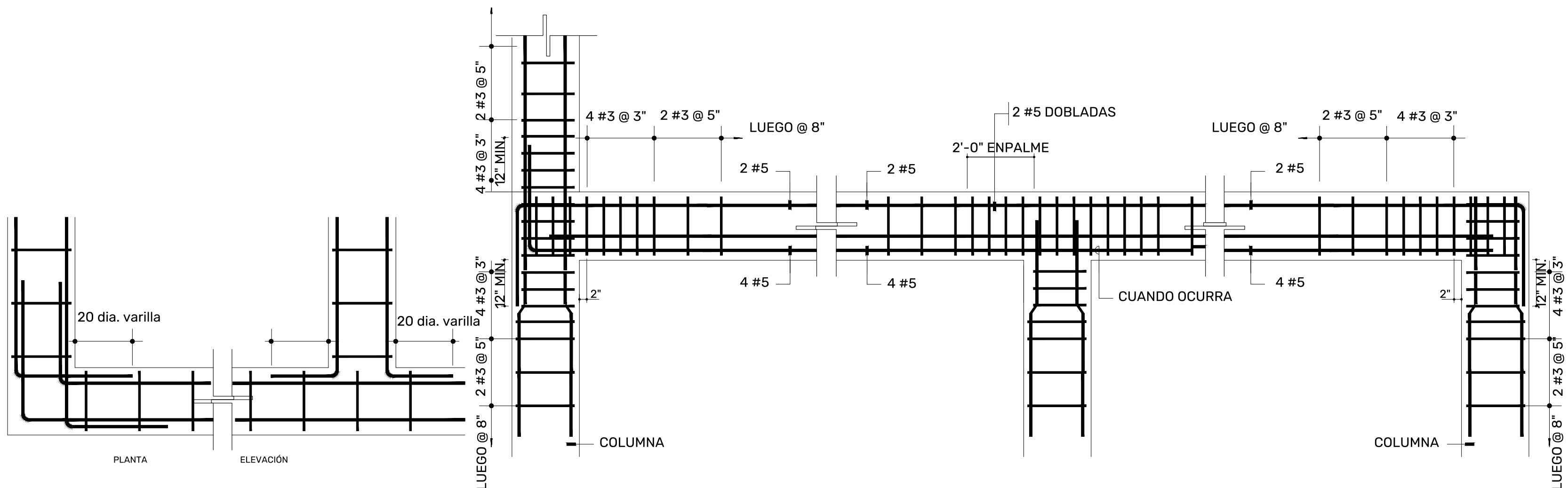
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SCALE: NOT TO SCALE



TYPICAL WALL INTERSECTIONS

TYPICAL END OF WALL



3 TYPICAL CONCRETE BEAM DETAILS

SCALE: NOT TO SCALE

PROJECT ADDRESS

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CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

OWNER

FAJARDO MUNICIPALITY

REGISTER No.

1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

[illegible]

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654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel. (787) 918-5890 / 5891
Email: info@ingenium.group

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

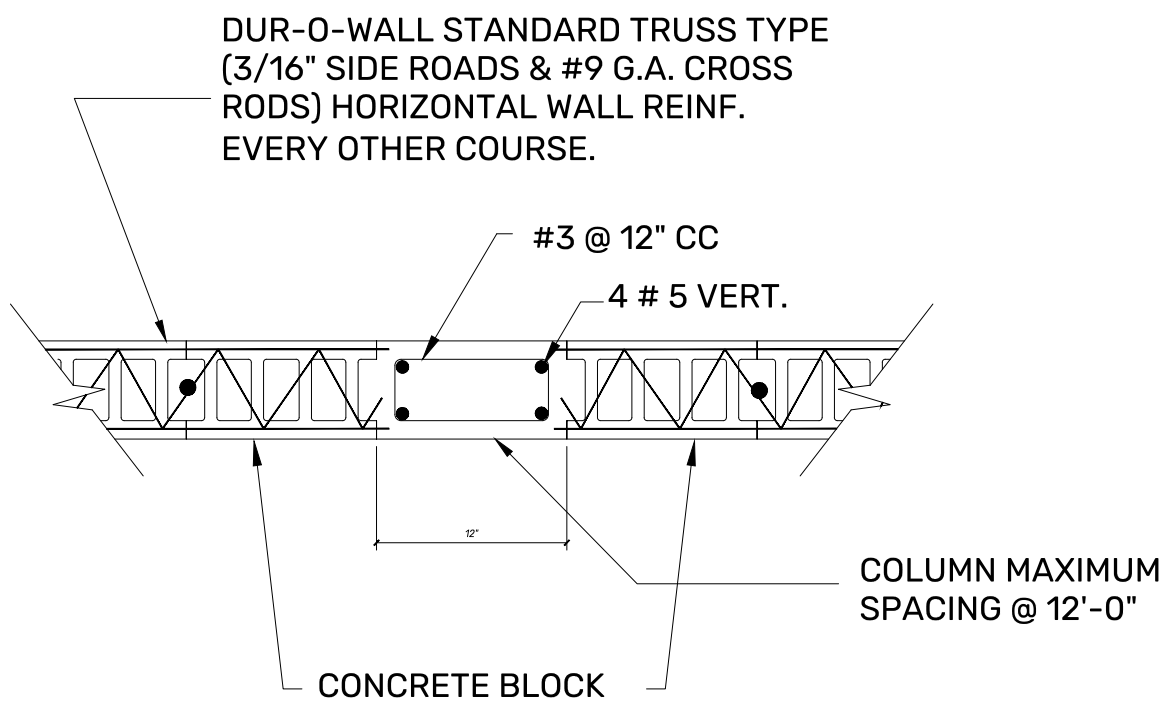
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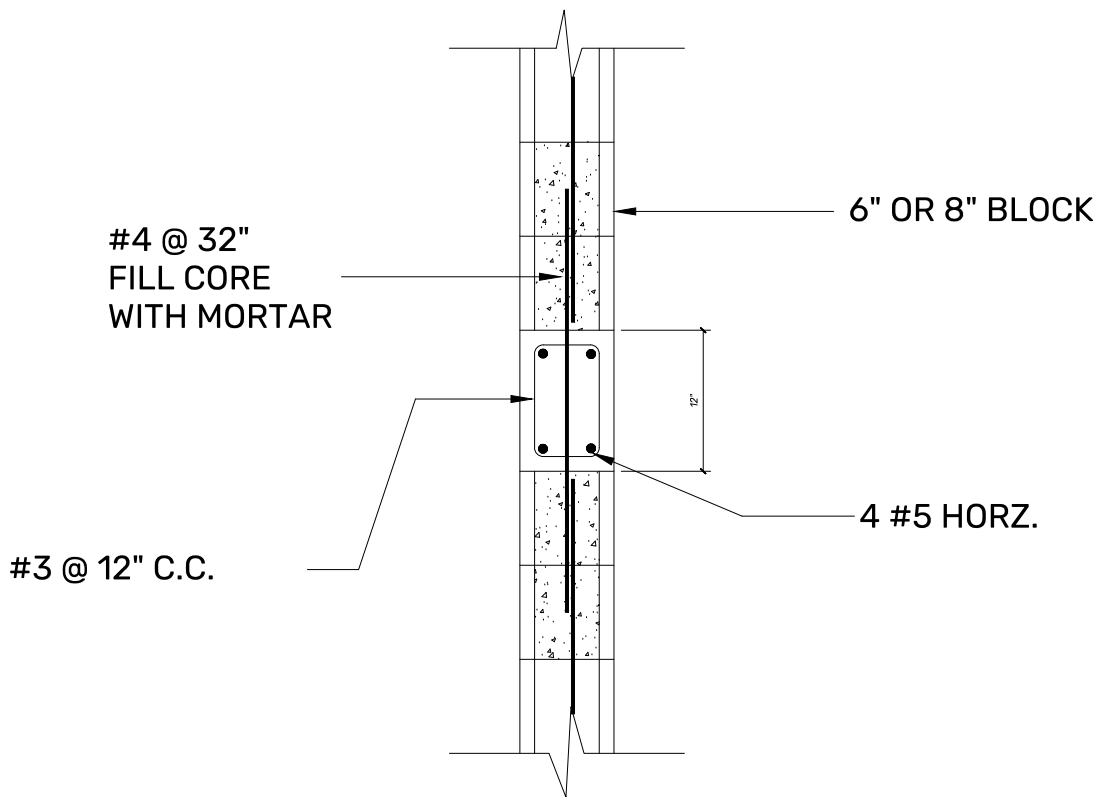
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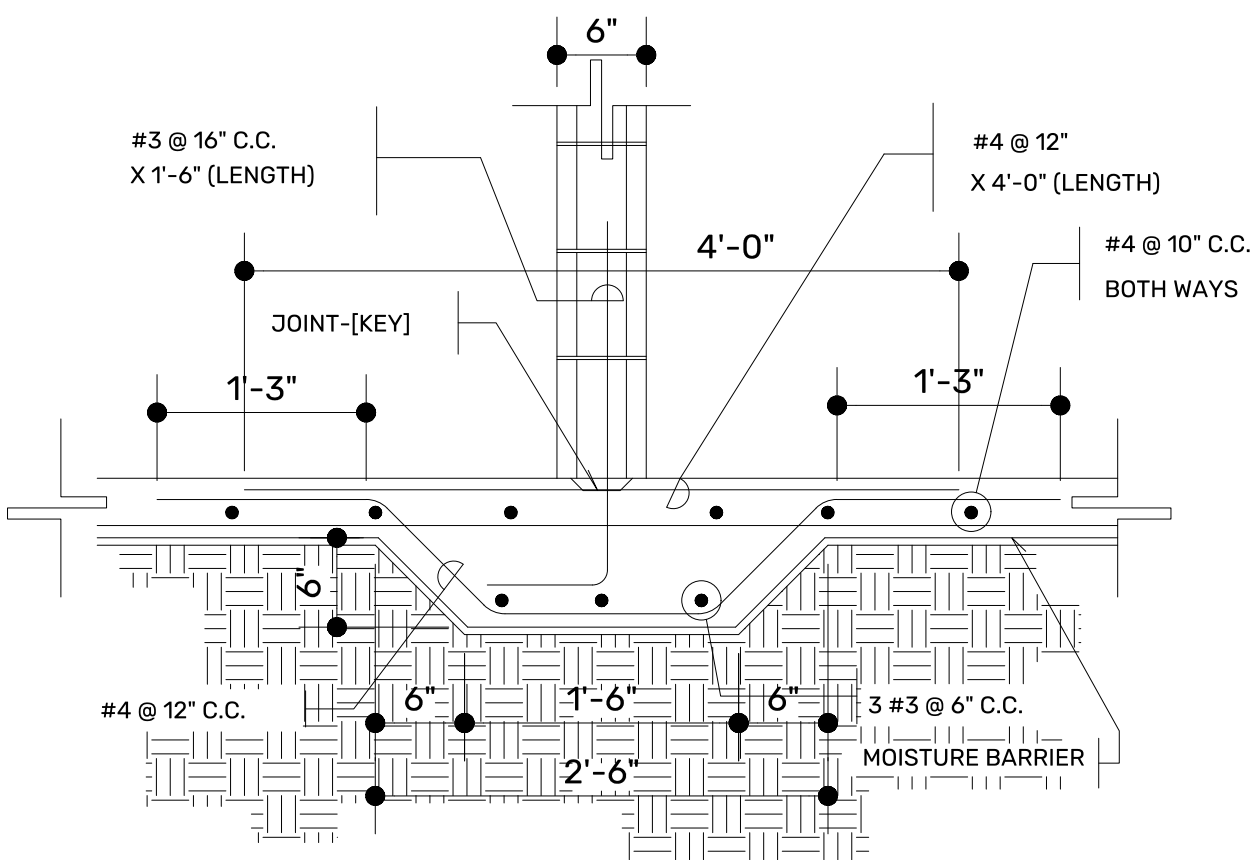
PAGE: 45 / 67



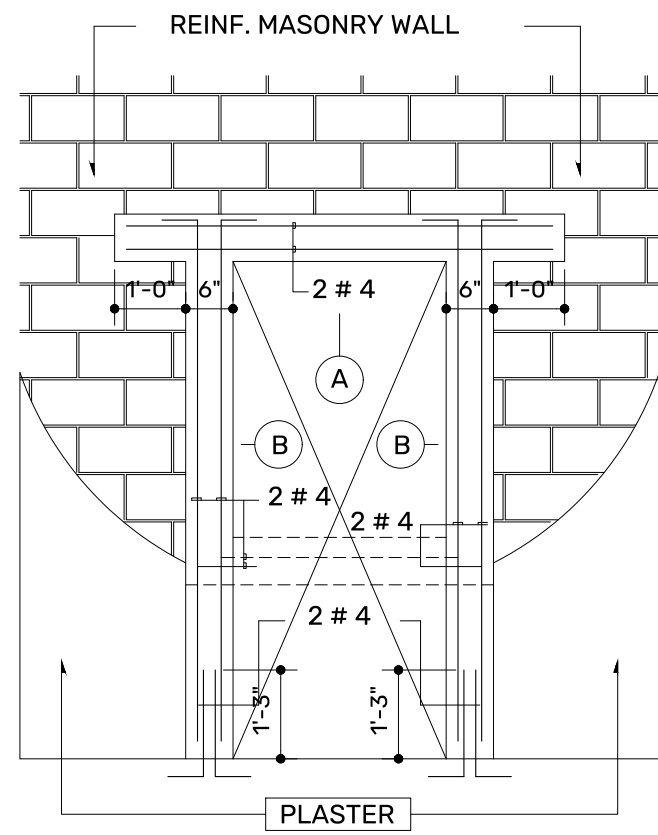
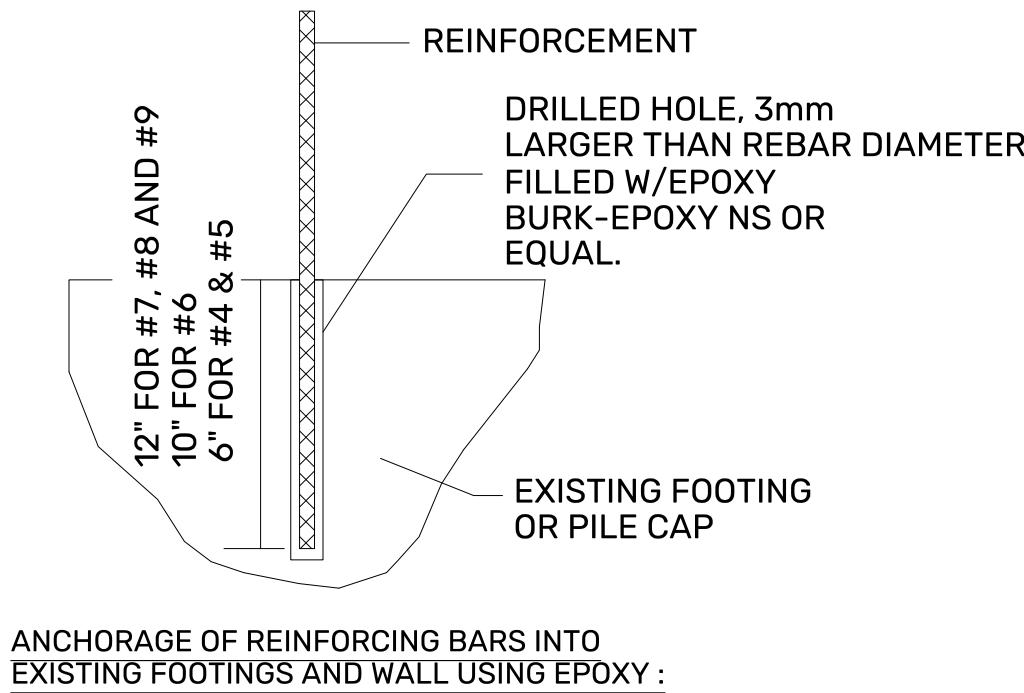
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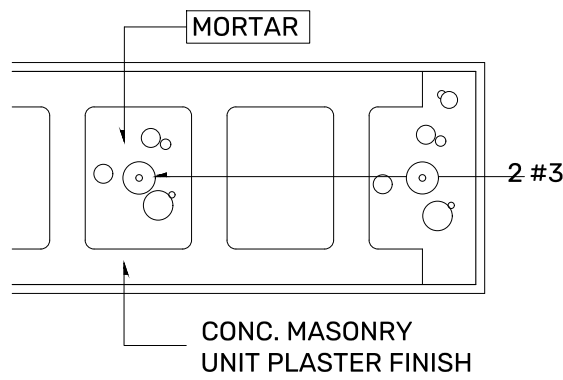
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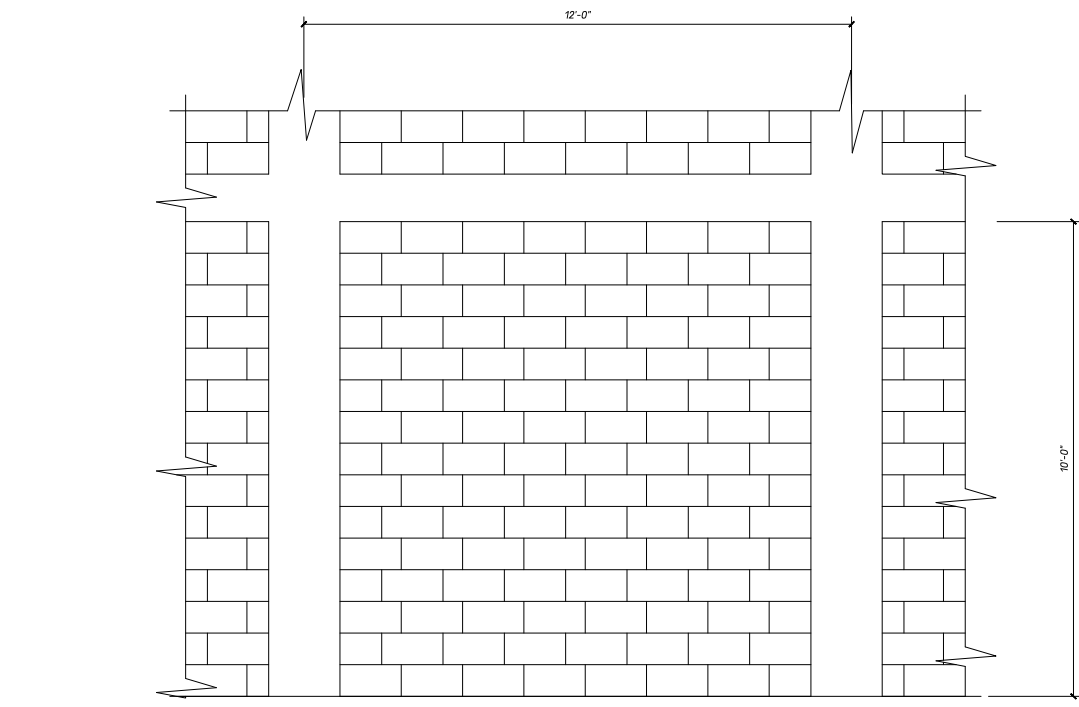
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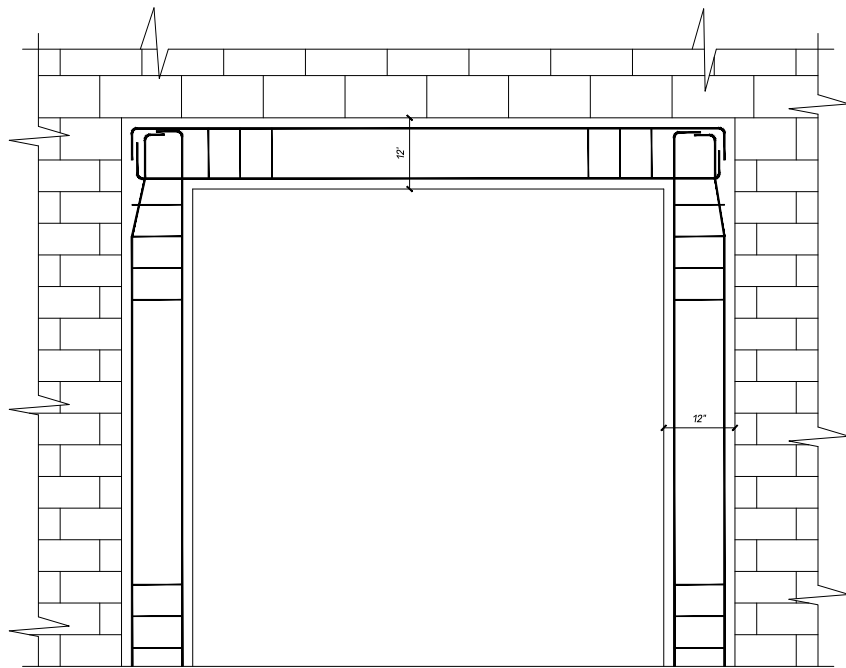
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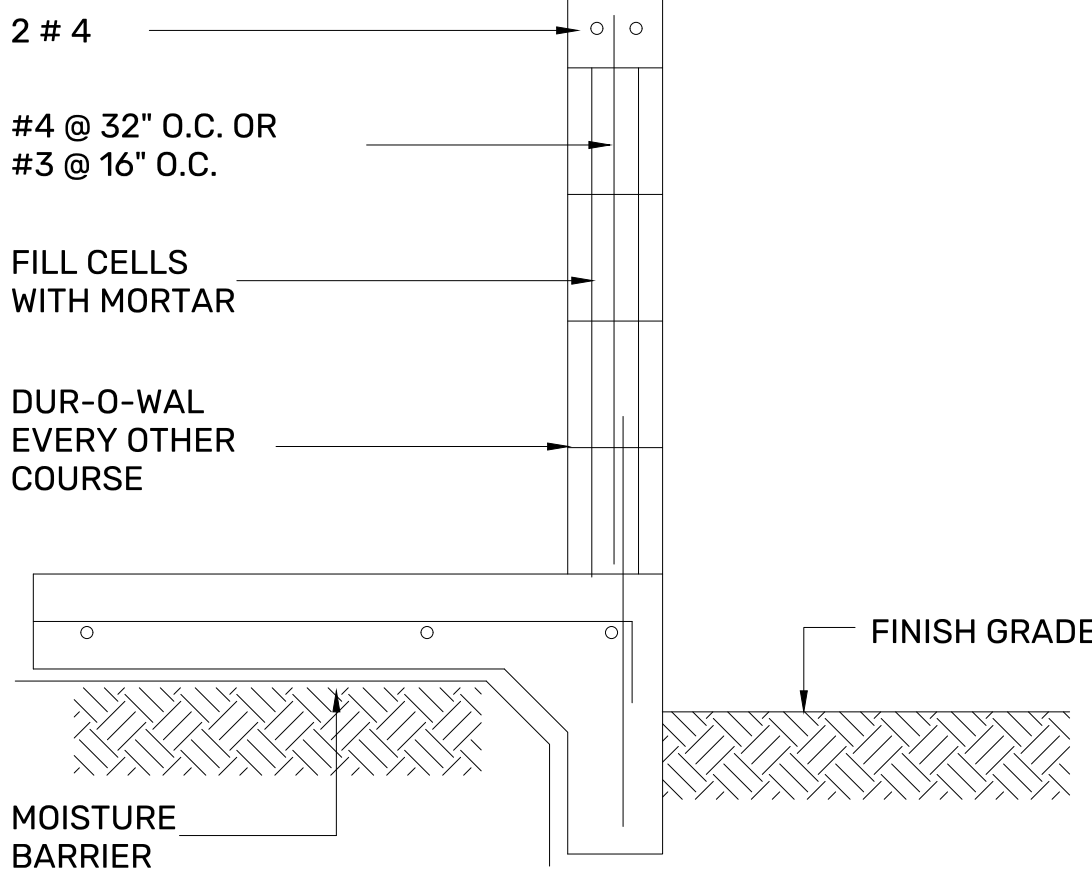
TYP. CONC. BLOCK DETAIL



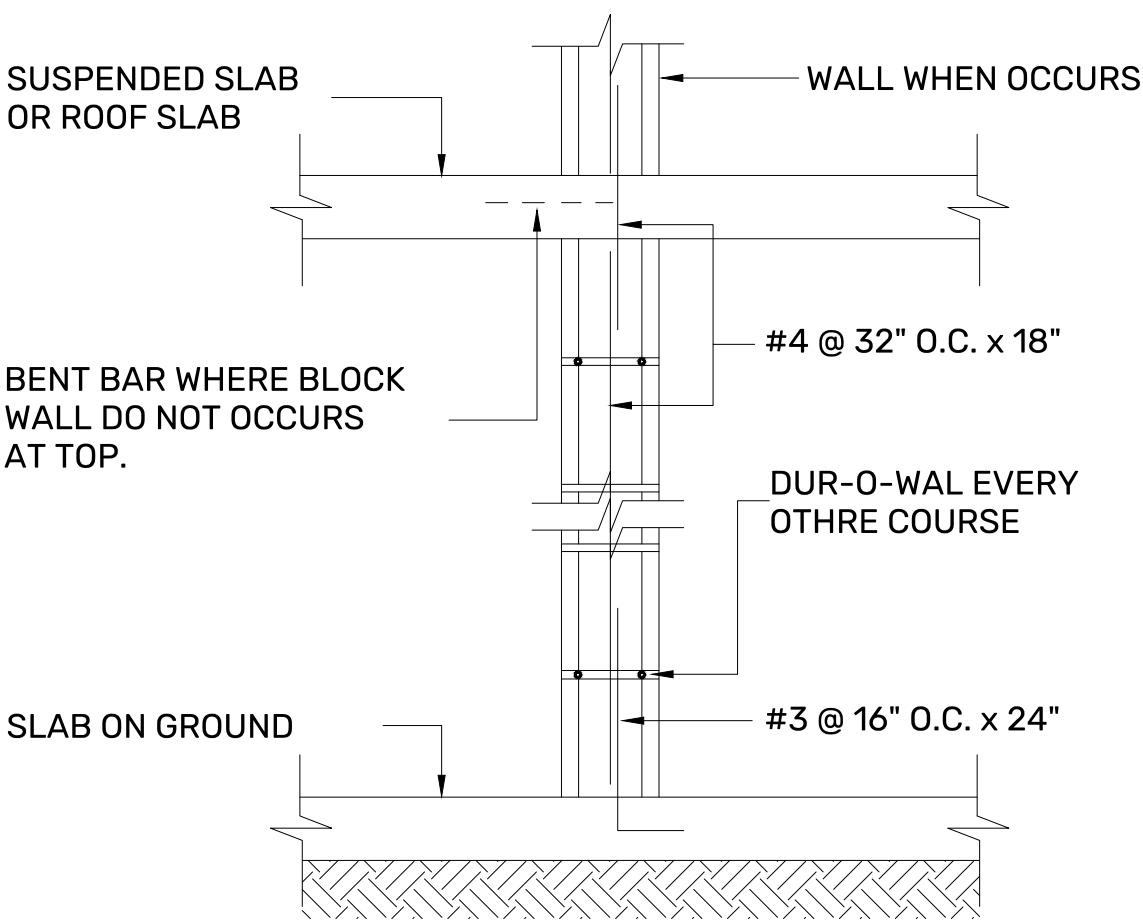
TYP. COLUMN & BEAM STIFFENER IN HOLLOW BLOCK WALL



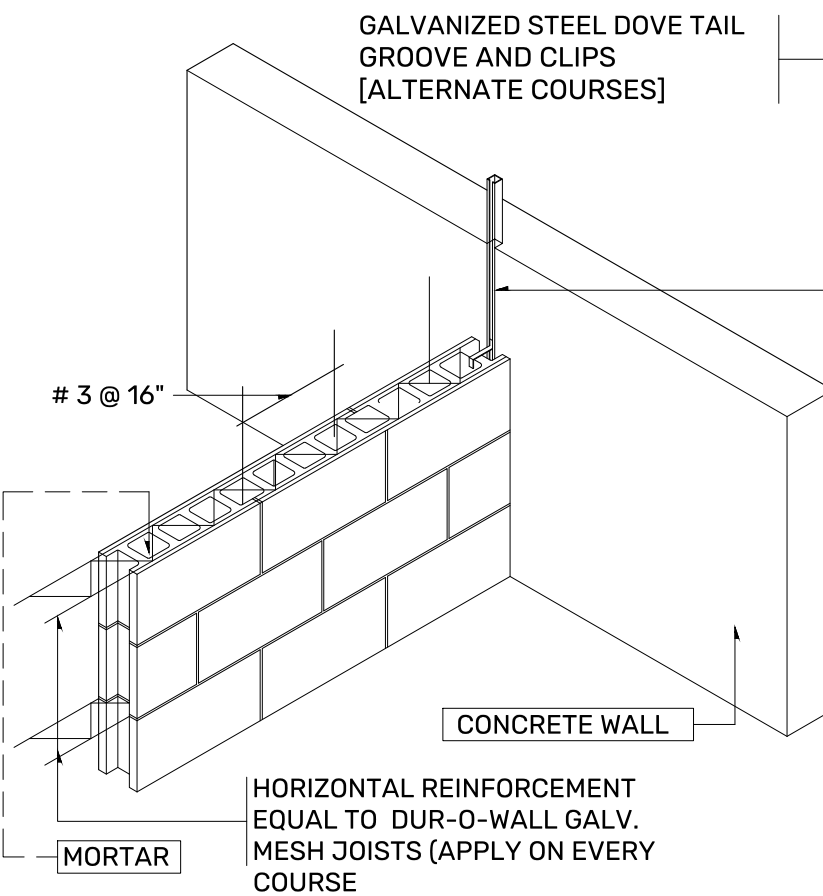
TYP. LINTEL FOR BLOCK WALL



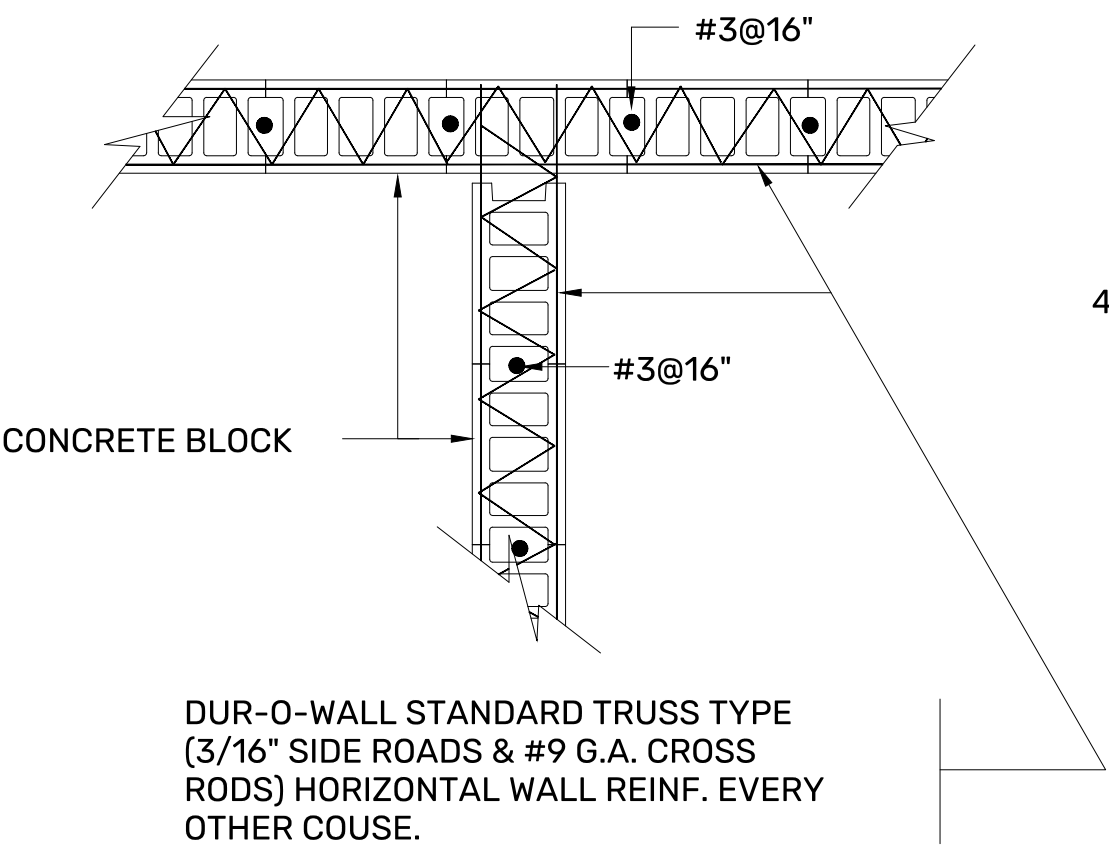
EXTERIOR BLOCK WALL ANCHORING



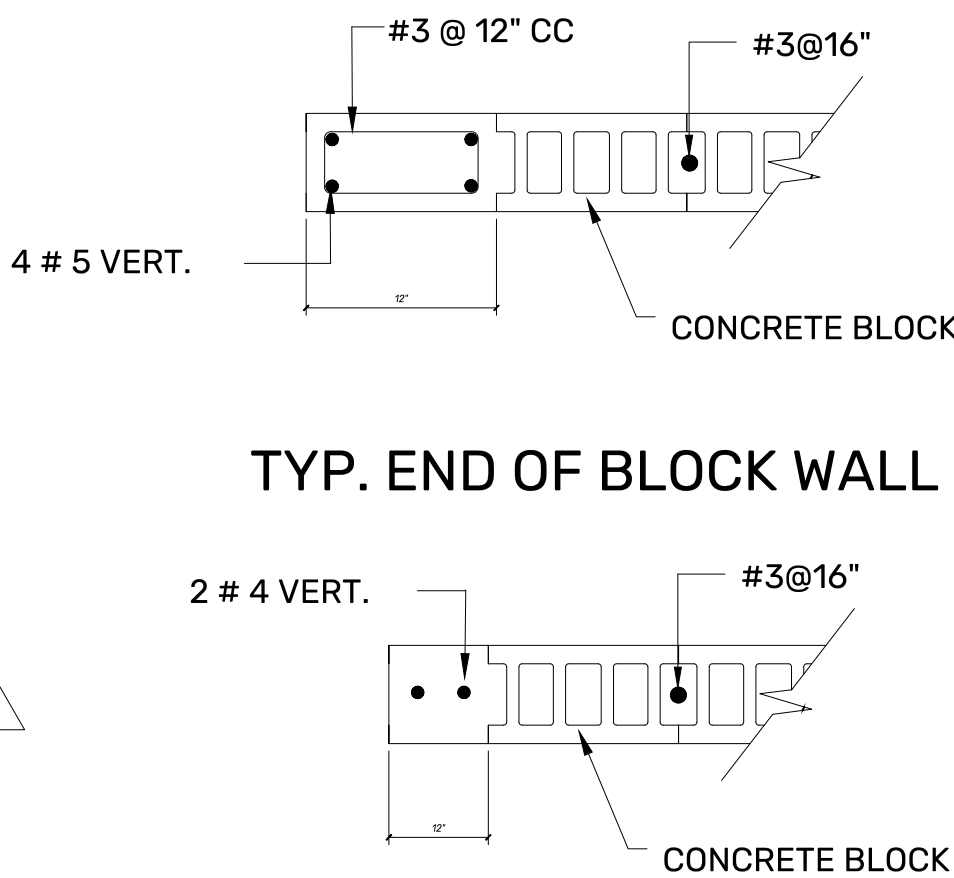
INTERIOR BLOCK WALL ANCHORING



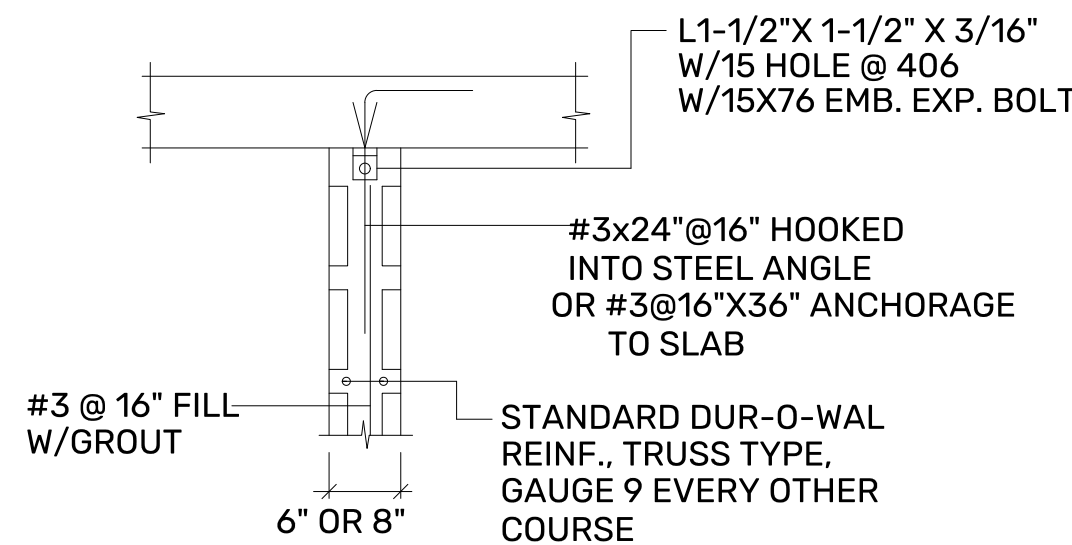
CONN TO CONC. WALLS



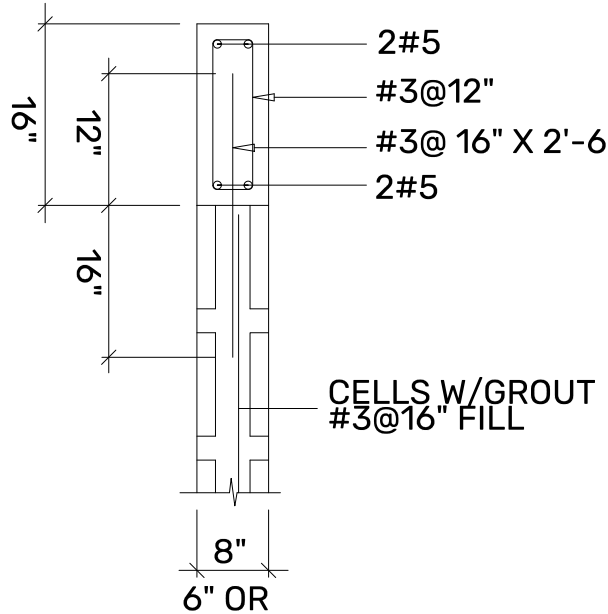
EXTERIOR & INTERIOR MANSORY WALLS REINFORCEMENT



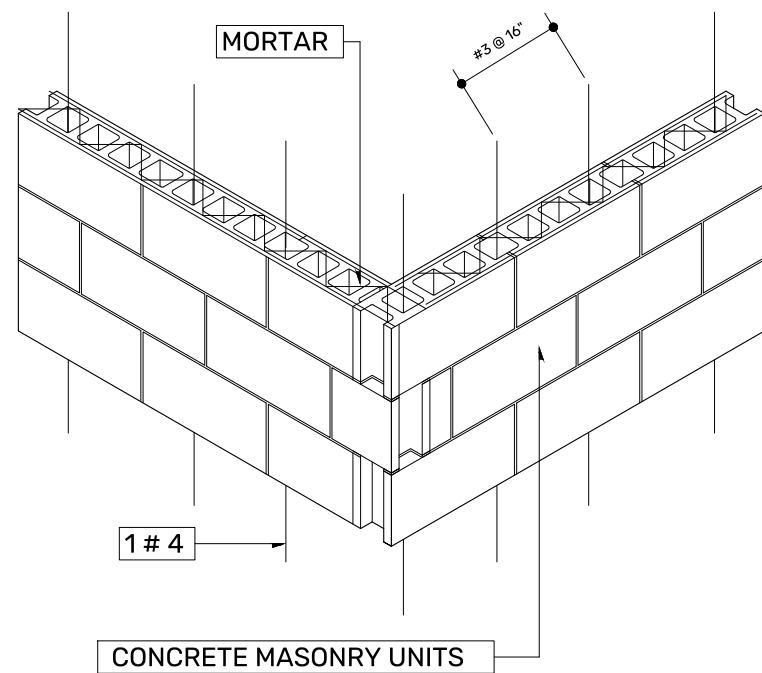
TYP. JAMB OF BLOCK WALL



BLOCK WALL ANCHORING AT SLABS



BLOCK WALL TOP BEAM



TYP. CORNER REINFORCEMENT

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS

REV.	DATE	DESCRIPTION	BY	CHK'D
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CERTIFICATION

I, WILLIAM MELENDEZ RIVAS, LIC. 16383, CERTIFY THAT I AM THE PROFESSIONAL WHO [MADE, DESIGNED OR PREPARED] THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE "JOINT REGULATIONS AND THE APPLICABLE PROVISIONS OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES, REGULATORY BOARDS OR PUBLIC CORPORATIONS WITH JURISDICTION. I FURTHER CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE PROVISIONS OF LAW 14-2004, AS AMENDED, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE [LAW NO. 319 OF MAY 15, 1938, AS AMENDED; ACT NO. 96 OF JULY 6, 1978, AS AMENDED; AS APPLICABLE]. I ACKNOWLEDGE THAT ANY FALSE STATEMENT OR MISREPRESENTATION OF FACTS THAT HAS BEEN PRODUCED BY IGNORANCE OR NEGLIGENCE EITHER BY ME, MY AGENTS OR EMPLOYEES OR BY OTHERS WITH MY KNOWLEDGE MAKES ME RESPONSIBLE FOR ANY JUDICIAL AND DISCIPLINARY ACTION BY THE ODEP.

IPG INGENIUM PROFESSIONAL GROUP

654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel. (787) 918-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Fig Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

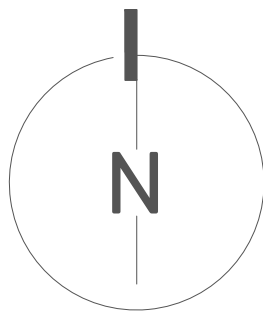
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TYPICAL CONCRETE MASONRY UNITS DETAILS

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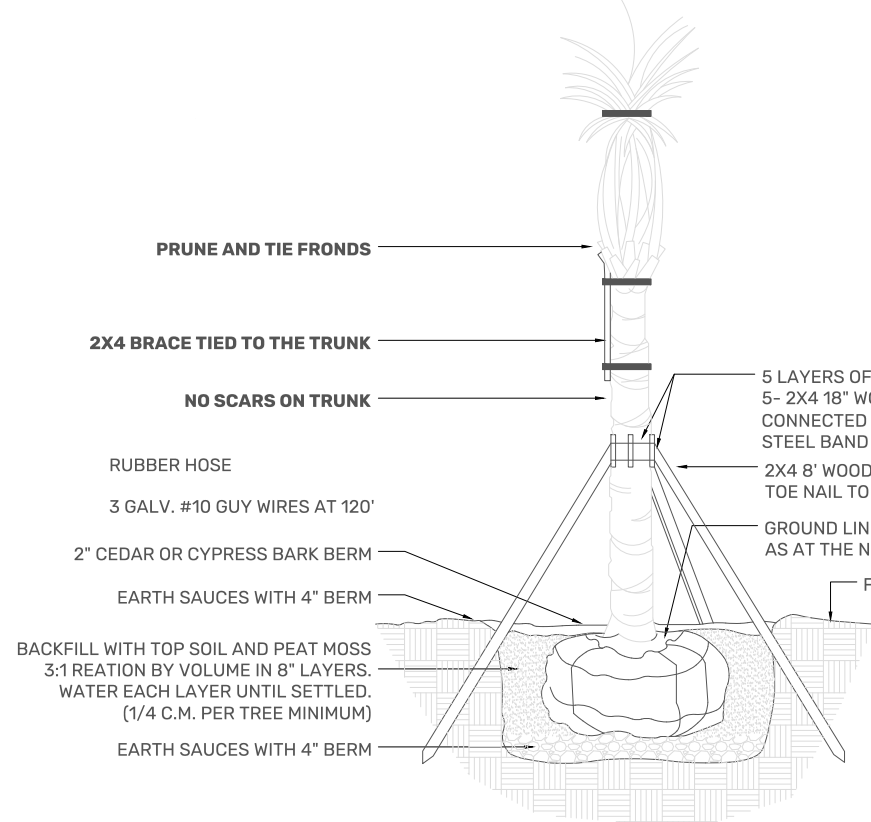
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PAGE: 46 / 67



GENERAL SITE NOTES FOR LANDSCAPE COSTRUCTION

1. ALL BASE INFORMATION PROVIDED BY OWNERS AND VERIFY ALL ARCHITECTS. CONTRACTOR SHALL FIELD BASE SITE INFORMATION PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL NOTIFY ALL PERTINENT UTILITY COMPANIES 48 HOURS PRIOR TO DIGGING FOR VERIFICATION OF ALL UNDERGROUND UTILITIES. PLANS ARE PREPARED ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARING THESE DOCUMENTS.
3. THE CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH EXISTING SITE CONDITIONS PRIOR TO BEGINNING INSTALLATION. ALL EXISTING SITE IMPROVEMENTS AND ELEMENTS SHALL BE PROTECTED FROM DAMAGE UNLESS OTHERWISE NOTED. ALL DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
4. UNLESS OTHERWISE NOTED, THE LIMITS OF CONSTRUCTION ARE THE CLEARING LIMITS NOTED ON THE PLANS.
5. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND ACTUAL FIELD CONDITIONS TO THE OWNERS IMMEDIATELY.
6. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH RELATED CONTRACTORS AND WITH THE GENERAL CONTRACTOR OF THE PROJECT IN ORDER NOT TO INTERFERE WITH THE WORK IN PROGRESS OF OTHERS OR WITH THE CONTRACTOR'S OWN WORK.
7. CONTRACTOR SHALL LAYOUT ALL CONSTRUCTION LINES AND VERIFY THIS LAYOUT AND ALL PLANT AND MATERIAL QUANTITIES WITH THE OWNERS REPRESENTATIVE AND/OR LANDSCAPE ARCHITECT PRIOR TO THE BEGINNING OF CONSTRUCTION.
8. REPORT ALL EXISTING DAMAGE OF EXISTING SITE FEATURES AND ELEMENTS TO THE OWNER PRIOR TO BEGINNING CONSTRUCTION.
9. CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES FOR EMPLOYEES AND PUBLIC AT ALL TIMES DURING THE CONSTRUCTION PROCESS AS PER APPLICABLE LOCAL CODES AND RECOGNIZED LOCAL PRACTICES.
10. CONTRACTOR SHALL COORDINATE ACCESS AND STAGING AREA WITH THE OWNER.
11. ALL EXISTING PLANT MATERIAL TO REMAIN SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE NEW CONSTRUCTION SCHEDULE. ALL EXISTING PLANT MATERIAL THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH THE SAME SIZE, QUALITY, AND TYPE OF PLANT MATERIAL THAT WAS DAMAGED.
12. REFER TO PLANTING DETAILS FOR PLANTING SPECIFICATIONS, DETAILS, AND NOTES.
13. REFER TO PLANTING SCHEDULES OF THE DIFFERENT AREAS FOR PLANT LISTING WITH SIZES, QUANTITIES, AND VARIETIES REQUIRED FOR THE CONSTRUCTION OF THE LANDSCAPE DESIGN AS SHOWN IN DRAWINGS. ANY CHANGES OR SUBSTITUTIONS NEEDED SHALL BE CLEARED WITH LANDSCAPE ARCHITECT AND OWNERS REPRESENTATIVE.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEAN UP OF THE WORKING AREAS AND DAILY REMOVAL OF DEBRIS TO AND OFF SITE LOCATION.



LEGEND

1. TREE
2. TRIM TOP OF STAKES BELOW LOWEST BRANCHES TO PREVENT DAMAGE
3. CROSS TIE BETWEEN STAKE AND TREE PER PLANTING SPECIFICATIONS
4. 2\"/>
5. 21 GRAM PLANT TABLETS 5 GAL = 3, 15 GAL = 5, 24\"/>
6. (SET CROWN +/- 3\"/>
7. EARTH WATERING BASIN (BAKE SMOOTH PRIOR TO SEEDING IN HYDROSEED AREAS; AT END OF PLANT ESTABLISHMENT PERIOD FOR ALL REMAINING BASINS)
8. FINISH GRADE
9. COMPACTED BACKFILL MIX
10. UNDISTURBED NATIVE SOIL

TREE _PLANTING DETAIL

PROJECT ADDRESS

CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

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654 Ave. Muñoz Rivera - Suite 1938
654 Plaza, San Juan, PR 00738
Tel: (787) 938-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

TITLE

PROPOSED LANDSCAPE PLAN

DRAWING No.

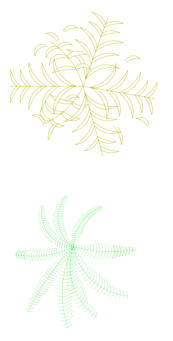
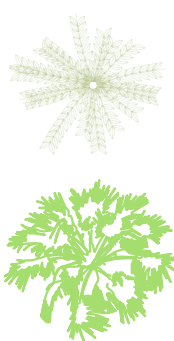
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PAGE: 41/53

1

PROPOSED LANDSCAPE PLAN

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

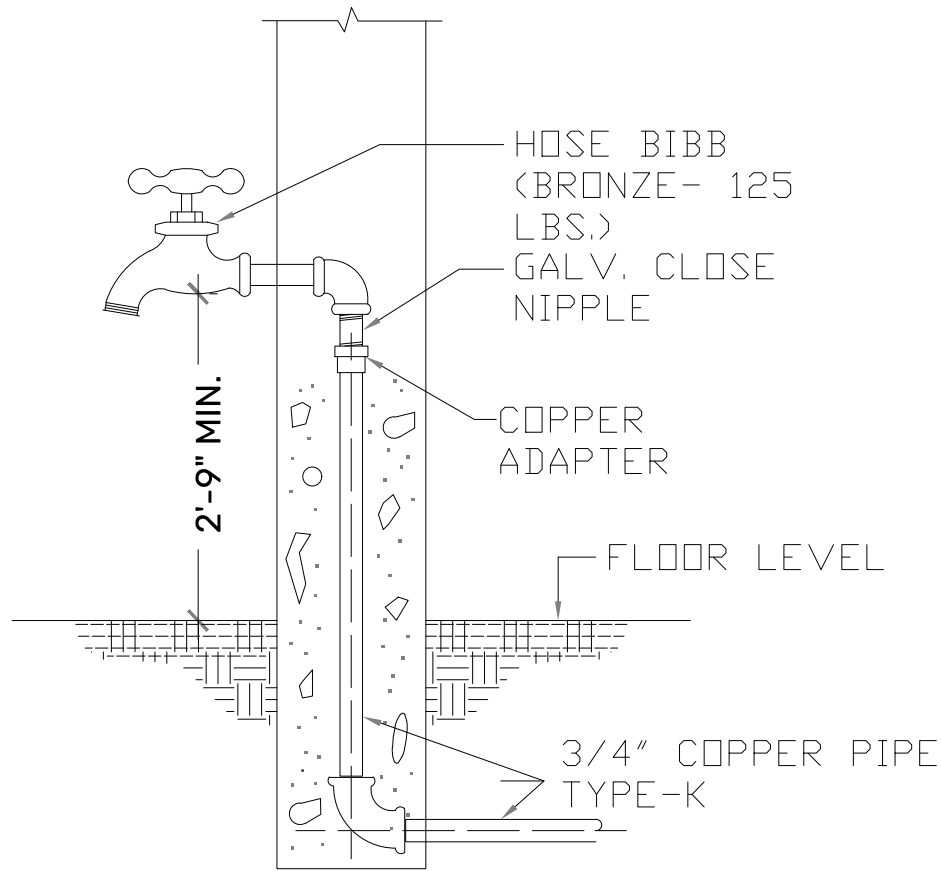


PLUMBING GENERAL NOTES

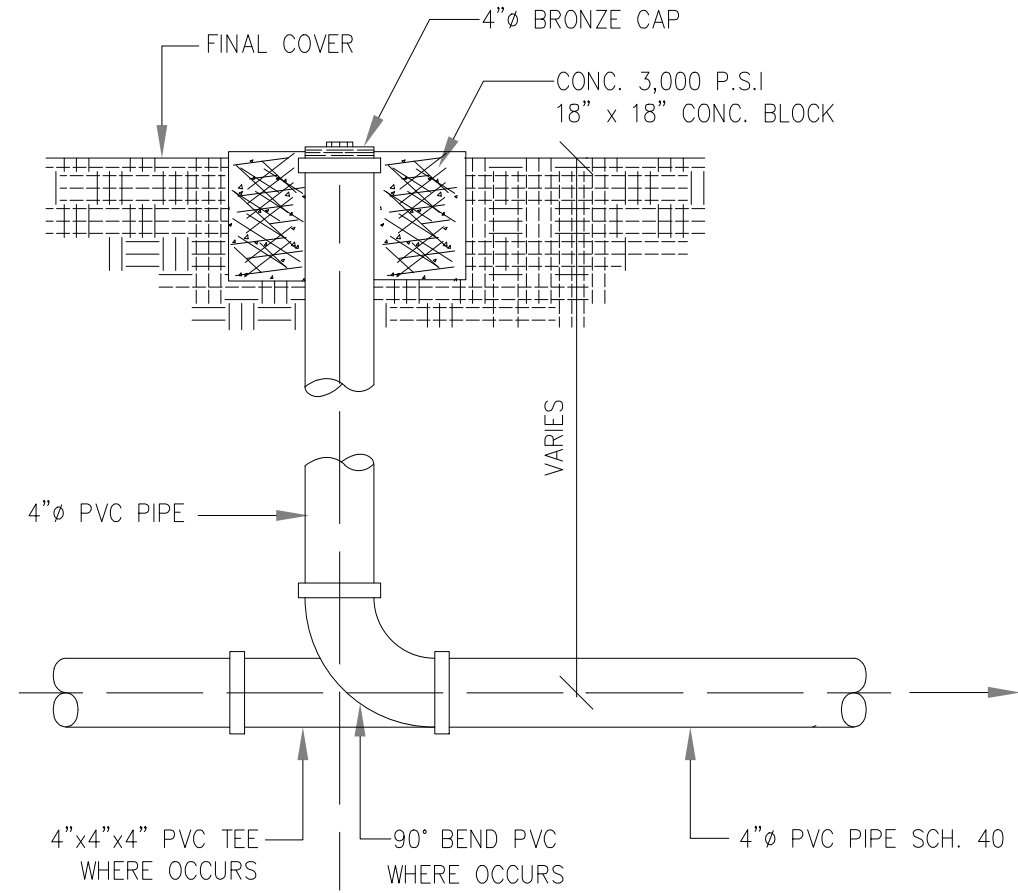
- ALL PLUMBING WORK SHALL BE IN STRICT ACCORDANCE WITH THE DEPARTMENT OF HEALTH OF P.R., THE LOCAL BUILDING CODE, THE NATIONAL PLUMBING CODE (A.S.A. A 40 8-1955) AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.
- CLEANOUTS SHALL BE OF THE SAME NOMINAL SIZE AS THE PIPE DIAMETER UP TO 4".
- THE CONTRACTOR SHALL FURNISH AND SET IN PLACE BEFORE CONCRETE POURING ALL NECESSARY SLEEVES FOR WASTE OR SOIL, COLD WATER LINES. THESE SLEEVES SHALL BE AS PER THE SPECIFICATIONS.
- THE PLUMBING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/OR EQUIPMENT BEING INSTALLED BY OTHER CONTRACTORS.
- FOR FIXTURES AND/OR EQUIPMENT NOT LISTED IN THE SCHEDULE, SEE THE SPECIFICATIONS.
- CLEANOUTS SHALL BE PLACED AS SHOWN ON DRAWINGS.
- THE CONTRACTOR SHALL VERIFY IN FIELD ALL INVERT ELEVATIONS AND SHALL MAKE ANY NECESSARY ADJUSTMENT AS REQUIRED BY FIELD CONDITIONS AND AS REQUIRED, TO OBTAIN THE PROPER SLOPES.
- IT IS THE INTENTION OF THE DRAWINGS TO CALL FOR FINISHED WORK, COMPLETE, TESTED AND READY FOR OPERATION. MINOR DETAILS NOT SHOWN OR SPECIFIED, BUT NECESSARY FOR THE PROPER INSTALLATION AND FOR FUNCTIONING AND OPERATION OF THE SYSTEM SHALL FORM PART OF THE WORK TO BE DONE BY THE CONTRACTOR.
- BIDDERS SHALL VISIT THE SITE AND ACQUAINT THEMSELVES WITH THE CONDITIONS AS THEY ACTUALLY EXIST AND VERIFY DIMENSIONS, LOCATIONS AND DETAILS REQUIRED TO COMPLETE THE WORK, WHICH WILL BE THE ONLY OPPORTUNITY FOR POTENTIAL CONTRACTORS TO SEE THE SITE. FAILURE TO VISIT THE PROJECT AREA WILL IN NO WAY RELIEVE THE SUCCESSFUL BIDDER OF FURNISHING ALL MATERIAL AND PERFORMING ALL WORK REQUIRED FOR THE COMPLETION OF THE CONTRACT. VISITS TO THE PROJECT AREA SHALL BE ARRANGED THROUGH THE OWNER.
- PROVIDE ACCESS FOR OPERATION AND MAINTENANCE TO EVERY PLUMBING VALVE. ACCESS SHALL BE AS REQUIRED BY ARCHITECT.
- THE CONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE LAYOUT, AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.
- CONTRACTOR SHALL LOCATE IN FULLY ACCESSIBLE POSITIONS ALL EQUIPMENT WHICH MUST BE SERVICED, OPERATED, OR MAINTAINED.
- ALL UNDERGROUND COPPER PIPING SHALL BE TYPE "K", DIAMETER AS INDICATED.
- ALL COPPER PIPING ABOVE FINISH FLOOR ELEVATION SHALL BE TYPE "L", DIAMETER AS INDICATED.
- ALL WASTE, SANITARY AND STORM DRAINAGE LINES SHALL BE PVC SCH-40.
- ALL PIPING SHALL BE CONCEALED IN FLOOR TOPPINGS, WALL OR CHASES UNLESS OTHERWISE NOTED.
- LONG SWEEP BENDS OR LONG SWEEP FITTINGS SHALL BE PROVIDED AT THE BASE ALL STACKS.
- CLEANOUTS SHALL NOT BE MORE THAN 100 FEET APART
- THE PLUMBING CONTRACTOR SHALL COORDINATE HIS/HER PORTION OF THE WORK WITH THE GENERAL CONTRACTOR AND SHALL PROVIDE SLEEVES AT SLABS OR BEAMS FOR PIPING LAYOUT AND FIXTURES INSTALLATION.
- ALL FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER SPECIFICATIONS.
- SIZES SHOWN IN FIXTURES SCHEDULE ARE MINIMUM AND SHALL BE INCREASED AS NECESSARY TO COMPLY WITH CODE REQUIREMENTS OR AS SHOWN ON DRAWINGS.
- SINGLE AND DOUBLE TEES AND QUARTER BENDS SHALL BE USED IN LINES ONLY WHERE THE DIRECTION OF FLOW IS FROM THE HORIZONTAL TO THE VERTICAL.
- ALL HORIZONTAL PORTIONS OF SOIL STACKS AND BRANCHES SHALL HAVE MINIMUM SLOPE OF 1/4" PER FOOT FOR PIPES 3" DIAMETER OR LESS. 1/8" PER FOOT FOR PIPES 4 OR LARGER IN DIAMETER.
- THE PLUMBING CONTRACTOR SHALL COORDINATE HIS/HER WORK IN ORDER TO AVOID ANY INTERFERENCE WITH THE WORK OF OTHER CONTRACTORS AND THE INSTALLATION OF FIXTURES AND/OR EQUIPMENT BY OTHERS.
- GATE VALVES LOCATED UNDERGROUND OR BELOW FLOOR SLABS SHALL BE INSTALLED WITHIN A CAST IRON OR CONCRETE BOX WITH 9 X 9 JR. SMITH ACCESS COVER FIG. 4915-U.
- PLUMBING CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICES AND/OR CONNECTIONS REQUIRED FOR THE PLUMBING FIXTURES AND/OR EQUIPMENT SHOWN ON THE FIXTURES PLANS.
- PLUMBING CONTRACTOR SHALL PROVIDE ALL NECESSARY ROUGHING-IN AND SHALL INSTALL THE PLUMBING FIXTURES INDICATED ON THESE DRAWINGS.
- WHENEVER REQUIRED OR NEEDED, THE PLUMBING CONTRACTOR SHALL PREPARE AND SUBMIT THE NECESSARY SHOP DRAWINGS FOR THE APPROVAL OF THE ARCHITECT.
- BEFORE STARTING CONSTRUCTION, THE PLUMBING CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATIONS OF EXISTING PIPE LINES TO REMAIN IN USE ANY SIGNIFICANT DISCREPANCY WITH THE INFORMATION SHOWN ON THESE DRAWINGS SHALL BE NOTIFIED TO THE ARCHITECT FOR REVISION AND/OR CLARIFICATION.
- FIXTURES, FITTINGS, ACCESSORIES, MATERIAL AND ALL PLUMBING PRODUCTS SHALL BE AS PER SPECIFICATIONS ON THESE DRAWINGS AND CONTRACT SPECIFICATIONS. EQUAL OR SIMILAR SHALL BE ONLY ACCEPTED IF PREVIOUSLY APPROVED BY THE ARCHITECT.

PLUMBING NOTES

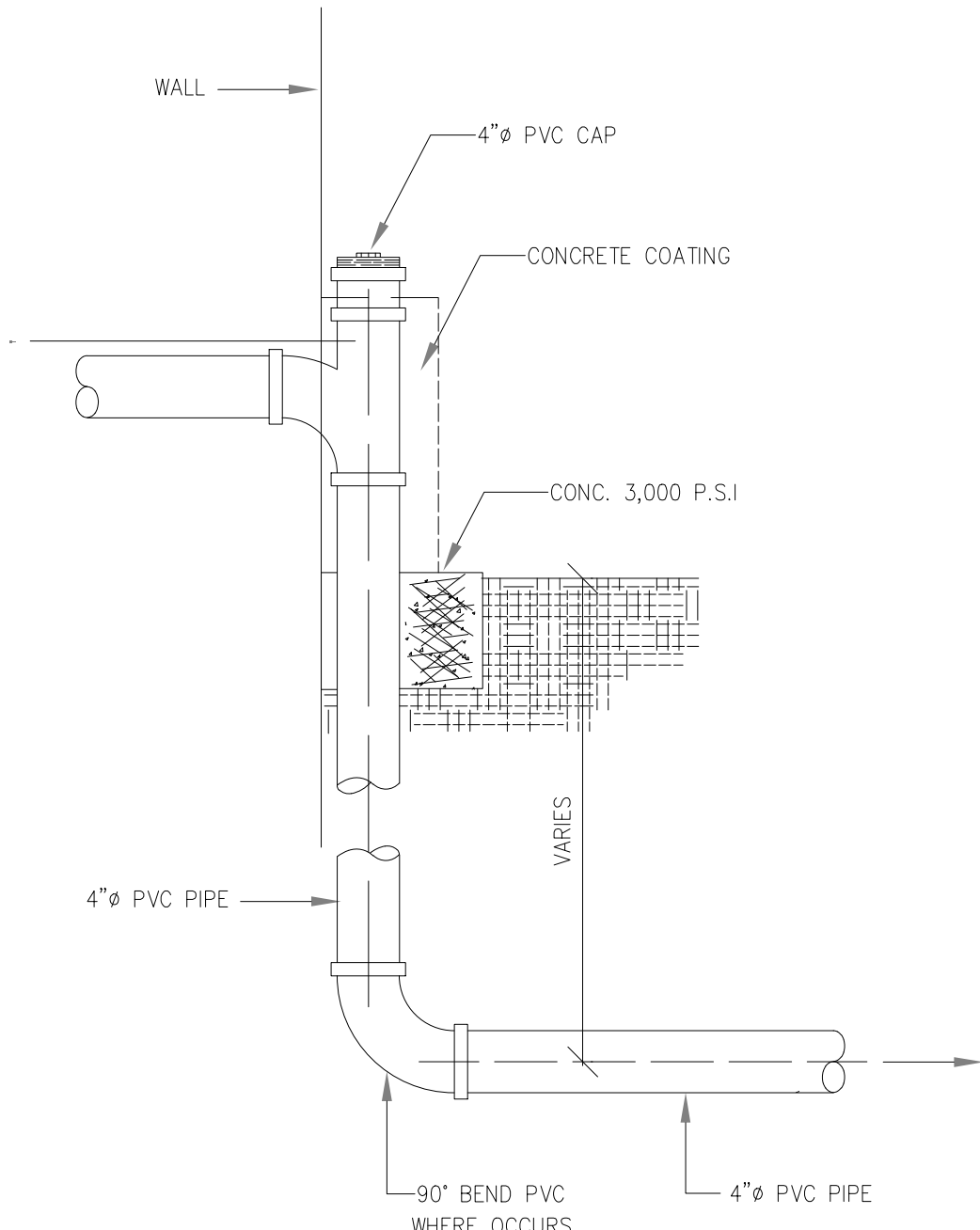
- FOR FIXTURE SPECS, CONTRACTOR SHALL COORDINATE WITH THE OWNER.
- COLD WATER PIPING SHALL BE 3/4" COPPER TYPE "L".
- COLD WATER PIPING WITHIN STRUCTURE ABOVE GROUND, SHALL BE COPPER TYPE "L" RIGID.
- ALL VENT LINES WITHIN THE STRUCTURE, SHALL BE P.V.C. SCHEDULE 40. EXCEPT OTHERWISE INDICATED.
- ALL PIPING SHALL BE CONCEALED IN FLOOR TOPING, SLABS, WALLS OR CHASES UNLESS OTHERWISE INDICATED.
- LONG SWEEP BENDS OR LONG SWEEP FITTINGS SHALL BE PROVIDED AT THE BASE OF ALL STACKS.
- CLEAN OUTS NOT MORE THAN 50'-0" APART SHALL BE PROVIDED ON ALL SANITARY LINES.
- THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR FOR LEAVING SLEEVES AT SLABS OR BEAMS FOR PIPING LAYOUT AND FIXTURE INSTALLATIONS.
- ALL FIXTURES SHALL BE INSTALLED IN ACCORDANCE TO THE MANUFACTURER'S SPECIFICATIONS.
- THE PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE LATEST LOCAL BUILDING CODE, THE NATIONAL PLUMBING CODE, THE P.R. HEALTH DEPARTMENT AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.
- SIZES SHOWN IN FIXTURE SCHEDULE ARE MINIMUM AND SHALL BE INCREASED AS NECESSARY TO COMPLY WITH CODES REQUIREMENTS OR AS SHOWN IN DRAWINGS.
- ALL VALVES NOT EXPOSED SHALL BE PROVIDED WITH ACCESS IN THE WALL OR FLOOR FOR OPERATION AND MAINTENANCE ACCESS DOOR, SHALL BE AS SPECIFIED OR REQUIRED BY THE ENGINEER.
- SINGLE AND DOUBLE TEES AND QUARTER BENDS SHALL BE USED IN DRAINAGE LINES ONLY WHERE THE DIRECTION OF FLOW IS FROM THE HORIZONTAL TO THE VERTICAL.
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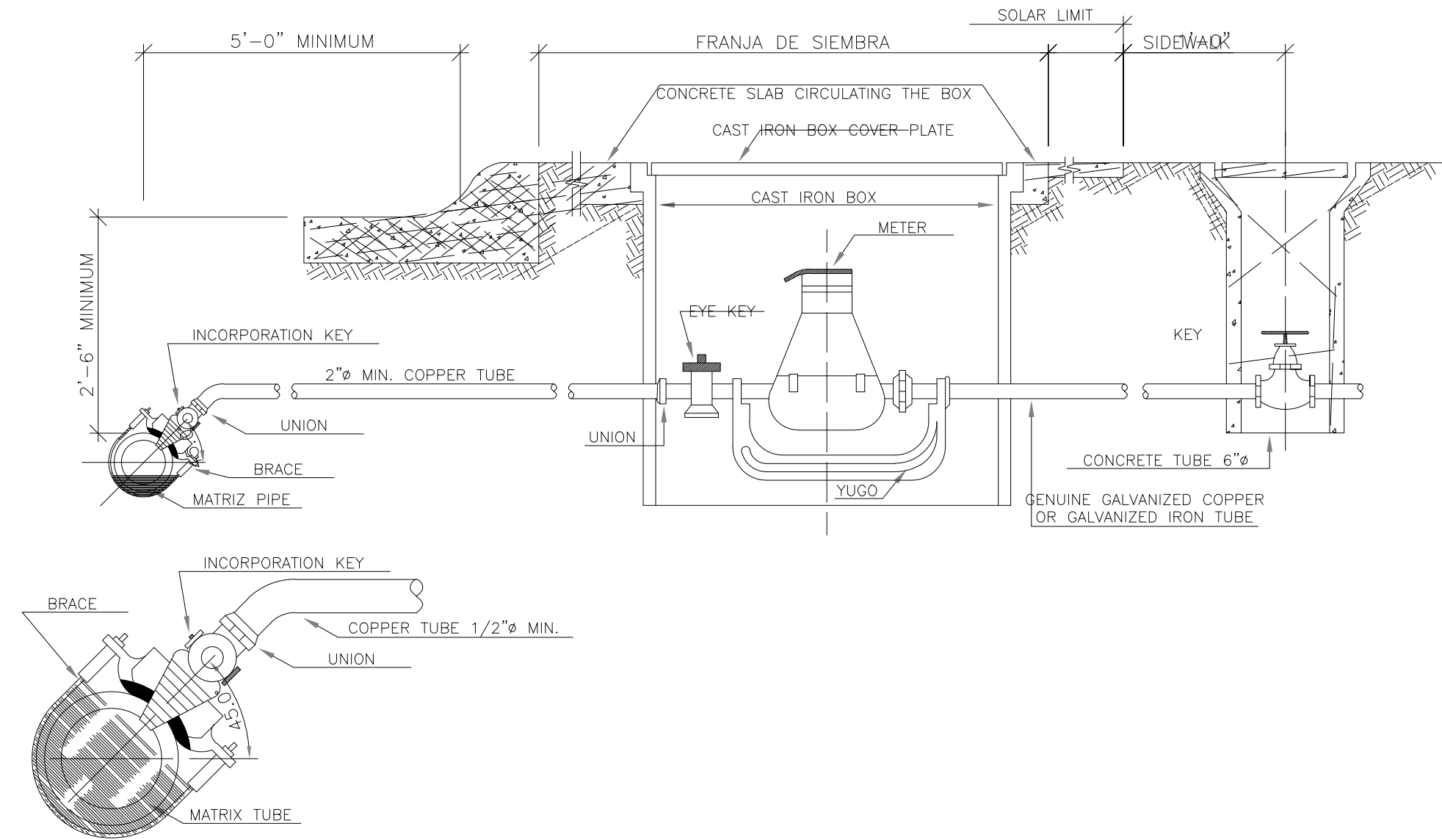
1 HOSE BIB
SCALE: N.T.S.



2 CLEAN-OUT DETAIL
SCALE: N.T.S.



3 CLEAN-OUT DOWN DETAIL
SCALE: N.T.S.



4 WATER METER & SHUTOFF VALVE DETAIL
SCALE: N.T.S.

PIPES SPECIFICATIONS

LOCATION	PIPES	SPECIFICATION
LOW EARTH WATER TUBING	FLEXIBLE COPPER TIPO "K" COLD STRETCHED	ASTM B-88
WATER TUBING ON EARTH OR EXPOSED	FLEXIBLE COPPER TIPO "L" COLD STRETCHED	ASTM B-88
SANITARY PIPE OUTSIDE THE BUILDING	P.V.C. SCHEDULE 40	ASTM D-2665
SANITARY PIPE INSIDE THE BUILDING	P.V.C. SCHEDULE 40	ASTM D-2665
VENTILATION PIPING	P.V.C. SCHEDULE 40	ASTM D-2665

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654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 938-5890 / 5891
Email: info@ingeniumgroup

SIGNATURE



FILE

Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
Progress Print: AS

TITLE

PLUMBING GENERAL NOTES

DRAWING No.

P100



PROJECT ADDRESS
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LAT/LONG
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PROFESSIONAL GROUP
654 Ave. Muñoz Rivera - Suite 1838
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Tel: (787) 938-5800 / 5891
Email: info@ingeniumgroup.com

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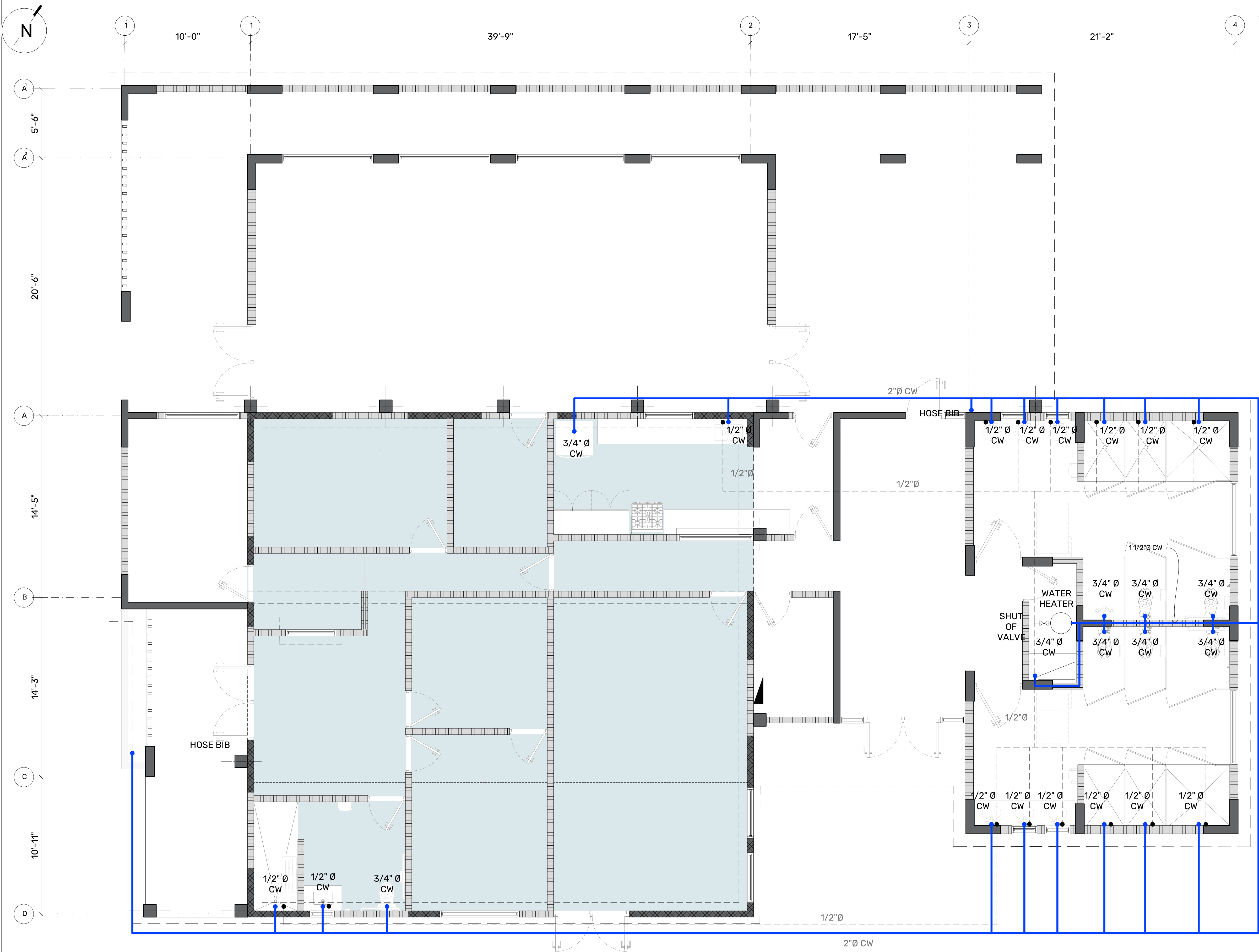


FILE
Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
Progress Print:
TITLE
PLUMBING SITE PLAN

DRAWING No.

P101

PAGE: 49 / 67



PLUMBING/PIPING NOTES

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PROJECT ADDRESS
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CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS				
REV.	DATE	DESCRIPTION	BY	CHK'D
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654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel: (787) 938-5800 / 5891
Email: info@ingeniumgroup.com

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FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

TITLE

PROPOSED WATER
DISTRIBUTION PLAN

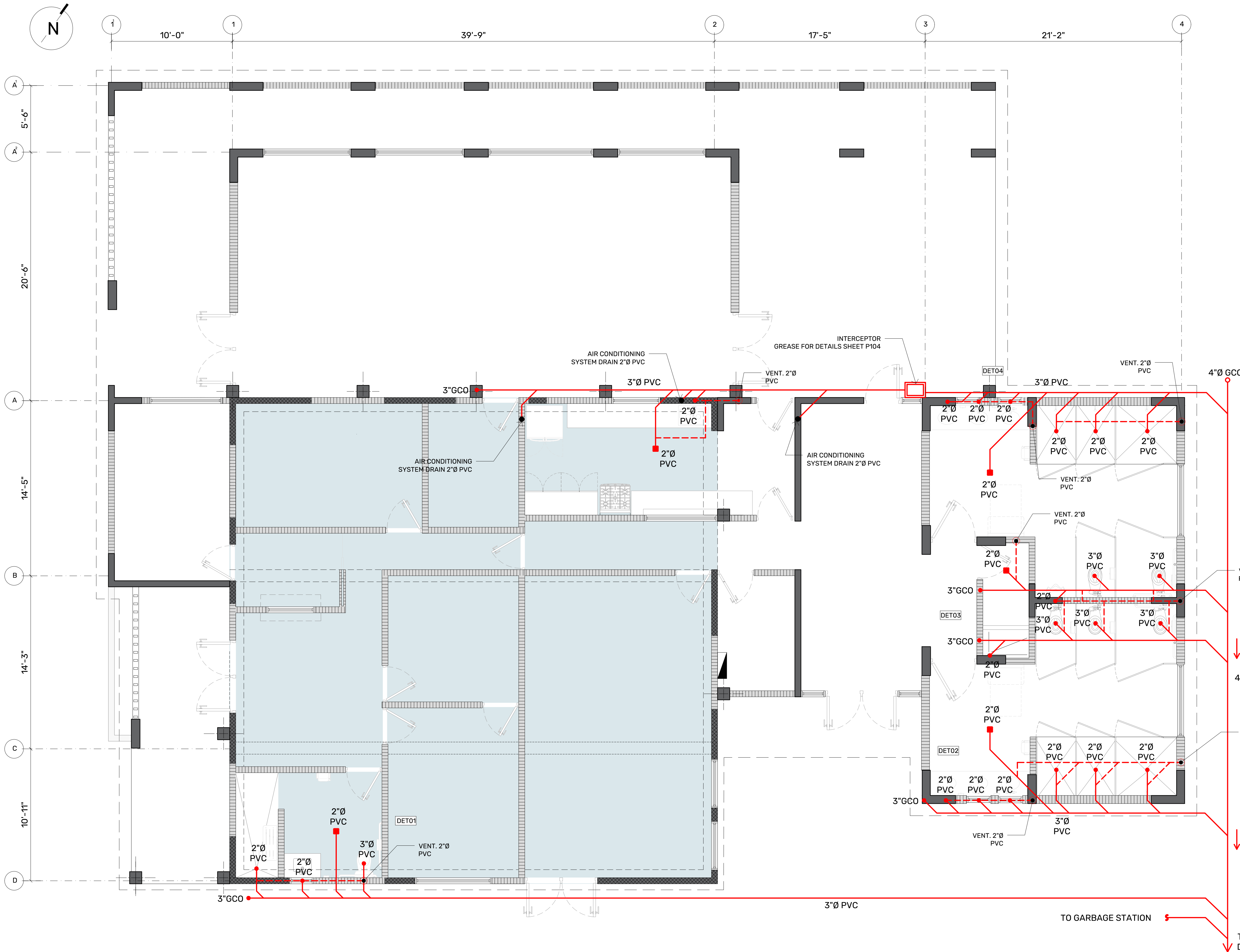
DRAWING No.

P102

PAGE: 50 / 67

1 PROPOSED WATER DISTRIBUTION PLAN

SCALE: 1/4"= 1'-0"



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CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
FAJARDO MUNICIPALITY

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS				
REV.	DATE	DESCRIPTION	BY	CHK'D

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SIGNATURE



FILE

Dwg Name: INGENIUM GROUP

Drawn by: INGENIUM GROUP

Revised by: ING. WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print:

TITLE

PROPOSED SANITARY PLAN

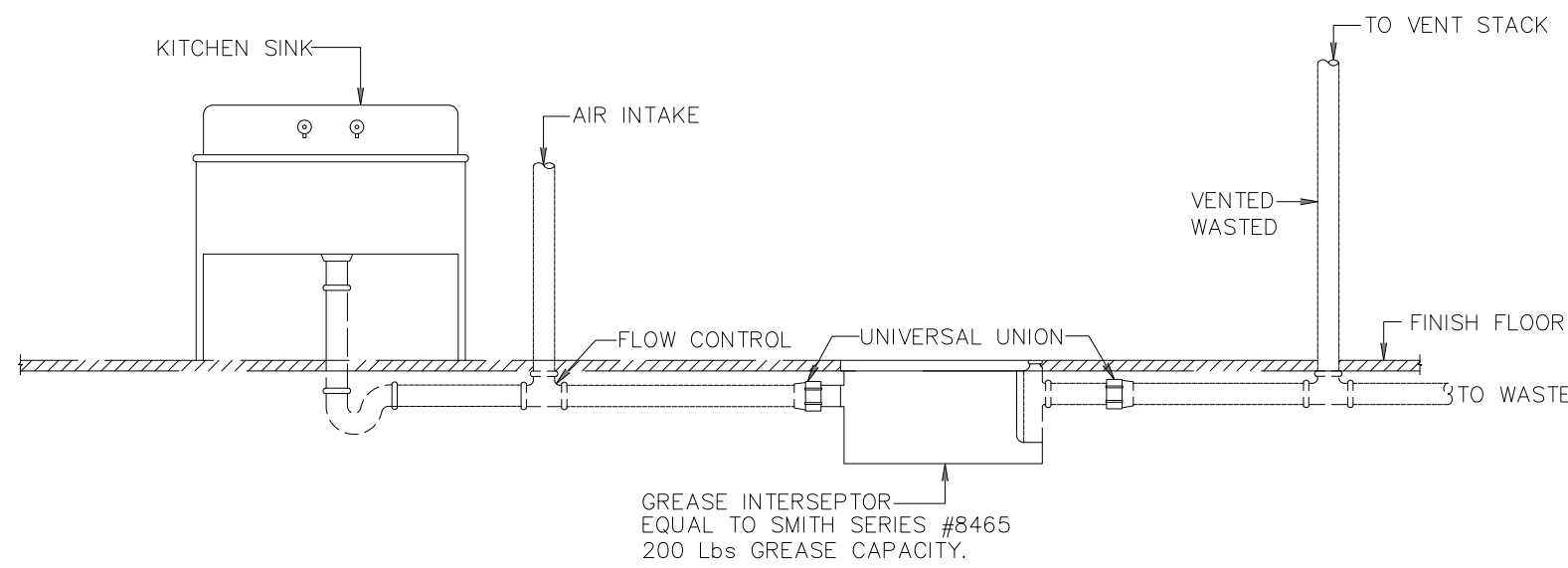
DRAWING No.

P103

PAGE: 51 / 67

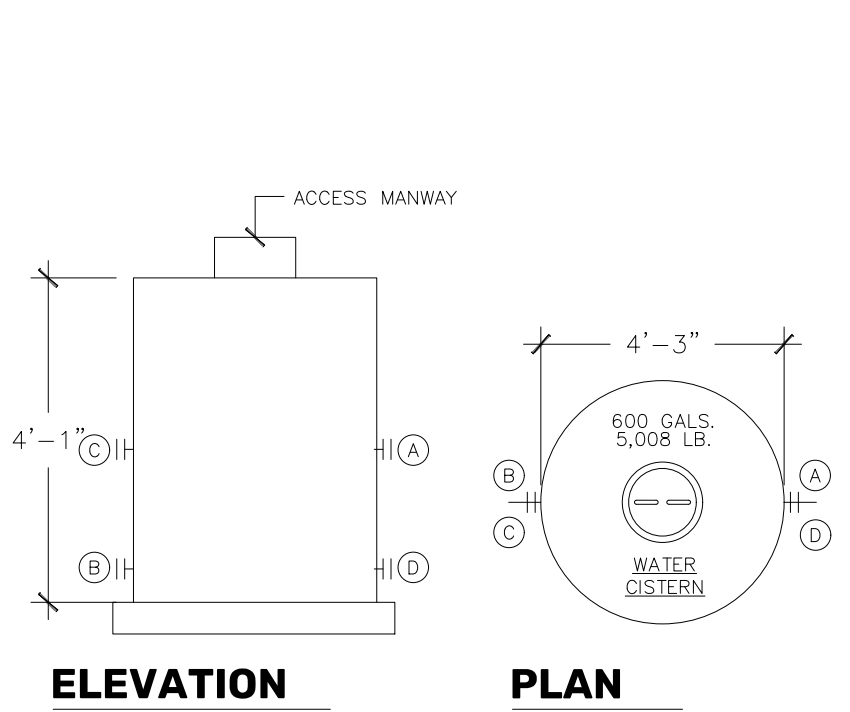
1 PROPOSED SANITARY PLAN

SCALE: 1/4"= 1'-0"

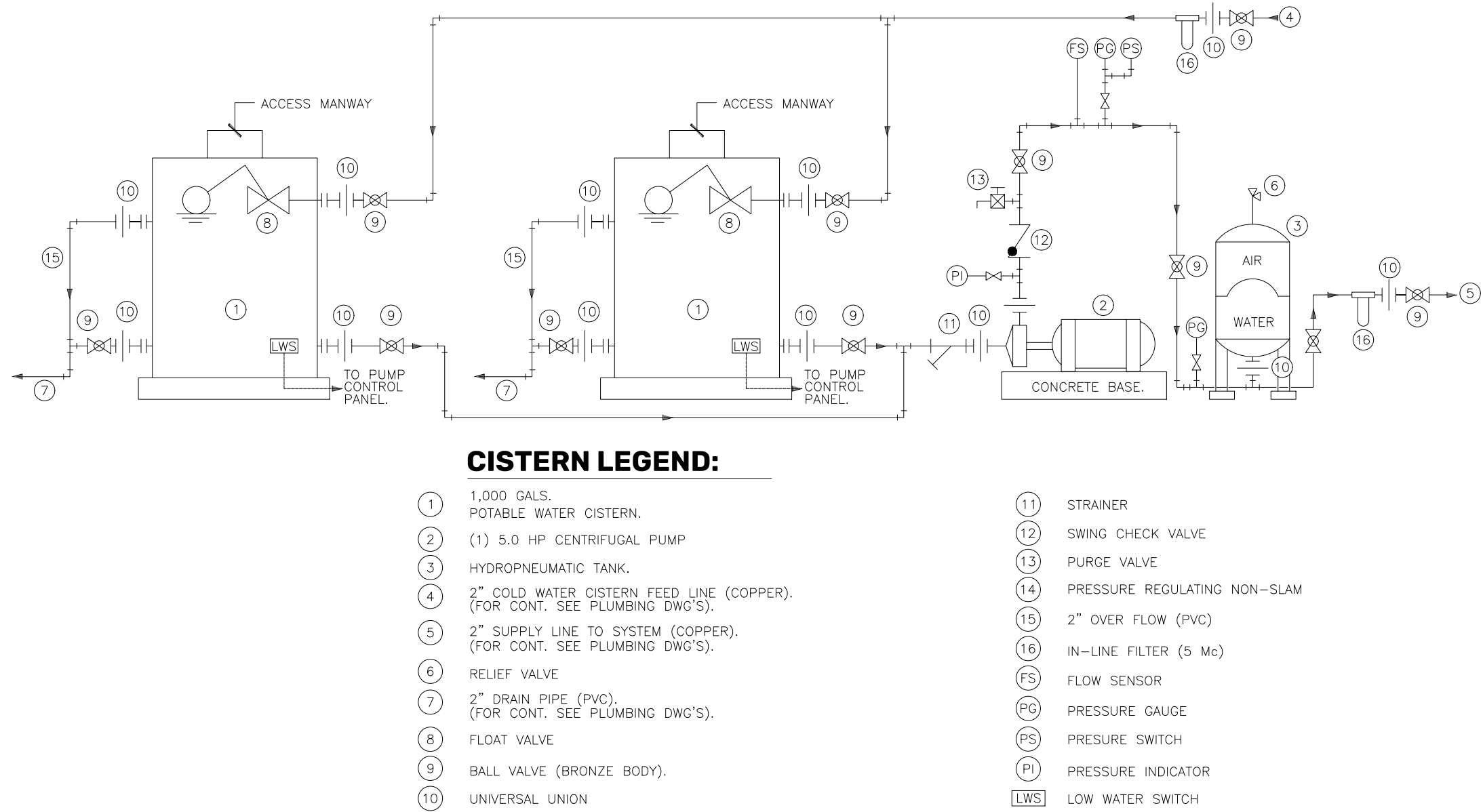


1 GREASE INTERCEPTION INSTALLATION DETAIL

SCALE: NOT TO SCALE



TAG	SIZE	DESCRIPTION	CONNECTION TYPE
(A)	1"	WATER INLET	FLANGE
(B)	2"	DRAIN	FLANGE
(C)	2"	OVERFLOW	FLANGE
(D)	1"	SUPPLY	FLANGE
(E)	24"	ACCESS MAN-WAY	N/A



CISTERN LEGEND:

- (1) 1,000 GALS. POTABLE WATER CISTERN.
- (2) (1) 5.0 HP CENTRIFUGAL PUMP
- (3) HYDROPNEUMATIC TANK.
- (4) 2" COLD WATER CISTERN FEED LINE (COPPER). (FOR CONT. SEE PLUMBING DWG'S).
- (5) 2" SUPPLY LINE TO SYSTEM (COPPER). (FOR CONT. SEE PLUMBING DWG'S).
- (6) RELIEF VALVE
- (7) 2" DRAIN PIPE (PVC). (FOR CONT. SEE PLUMBING DWG'S).
- (8) FLOAT VALVE
- (9) BALL VALVE (BRONZE BODY).
- (10) UNIVERSAL UNION
- (11) STRAINER
- (12) SWING CHECK VALVE
- (13) PURGE VALVE
- (14) PRESSURE REGULATING NON-SLAM
- (15) 2" OVER FLOW (PVC)
- (16) IN-LINE FILTER (5 MC)
- (FS) FLOW SENSOR
- (PG) PRESSURE GAUGE
- (PS) PRESSURE SWITCH
- (PI) PRESSURE INDICATOR
- (LWS) LOW WATER SWITCH

SYSTEM DESCRIPTION:

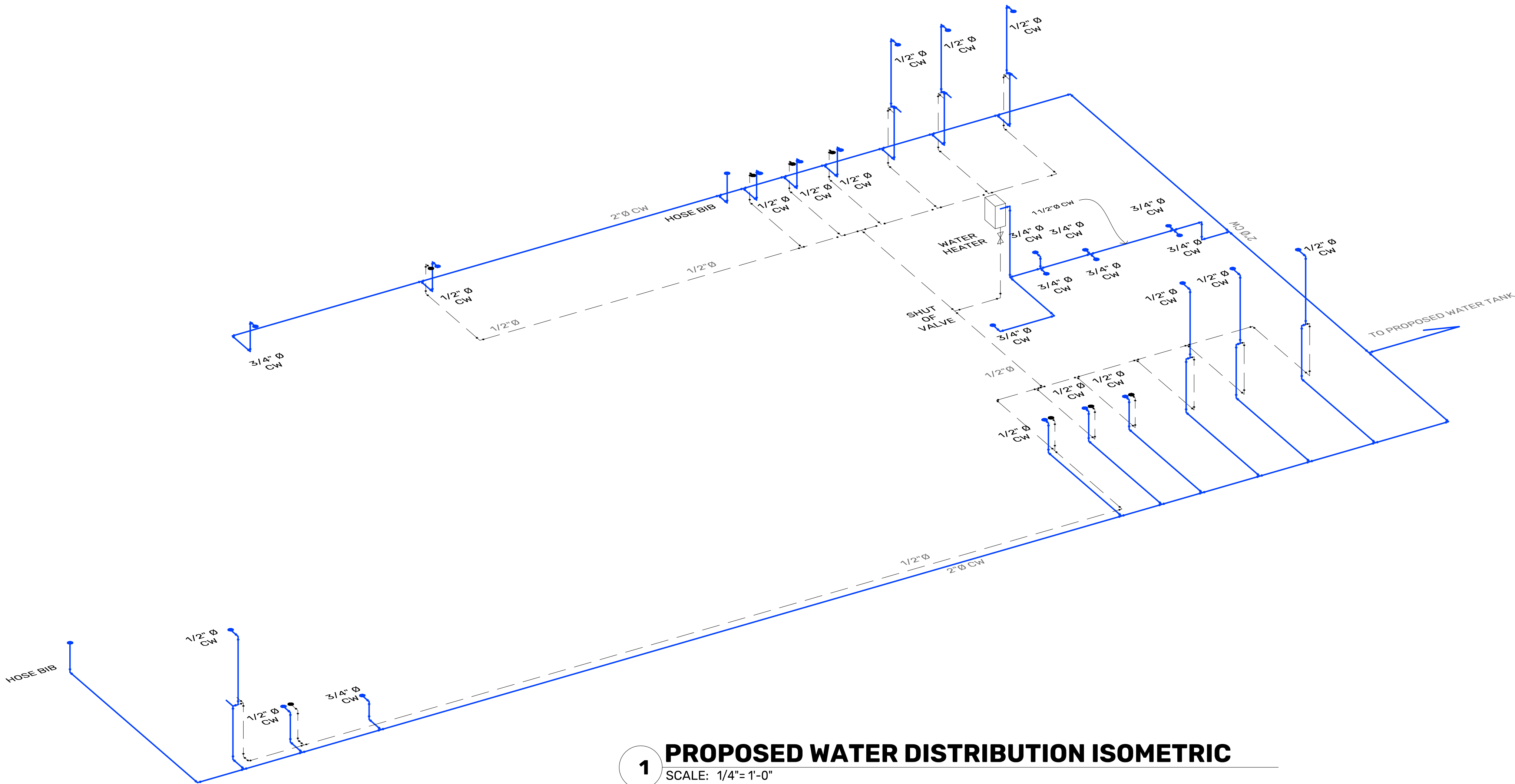
- CONTRACTOR SHALL FURNISH AND INSTALL A WATER RESERVOIR/BOOSTER SYSTEM WITH TWO 600 GAL. STORAGE CAPACITY SIZE POLYETHYLENE TANK, 3 HP BOOSTER PUMP, 44 GAL. HYDROPNEUMATIC TANK, PRESSURE SWITCH, IN-LINE FILTER, 24" ACCESS MAN WAY. SYSTEM SHALL BE SIMILAR TO UNIVERSAL SOLAR MODEL TPFB.

2 TANK DETAIL

SCALE: NOT TO SCALE

3 WATER FLOW DIAGRAM

SCALE: NOT TO SCALE



1 PROPOSED WATER DISTRIBUTION ISOMETRIC

SCALE: 1/4"= 1'-0"

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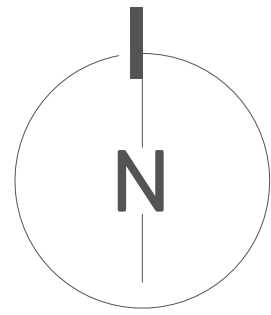
Progress Print:

TITLE

GENERAL PLUMBING DETAILS

DRAWING No.

P104



1 **PROPOSED STORM SEWER PIPING SITE PLAN**
SCALE: 1/8"=1'-0"

PROJECT ADDRESS
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CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893,-65.658025

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FILE
Dwg Name: INGENIUM GROUP
Drawn by: INGENIUM GROUP
Revised by: ING. WILLIAM MELENDEZ
Plot Scale: AS SHOWN
Progress Print:
TITLE
PROPOSED STORM SEWER PIPING SITE PLAN

Exhibit 11 - Sole Source Aquifer Map
Centro Multidisciplinario Veve Calzada (PR-CRP-000890)
Fajardo/ Coordinates (lat/long): 18.33258253°, -65.65821514°



<https://epa.maps.arcgis.com/apps/webappviewer/index.html/>

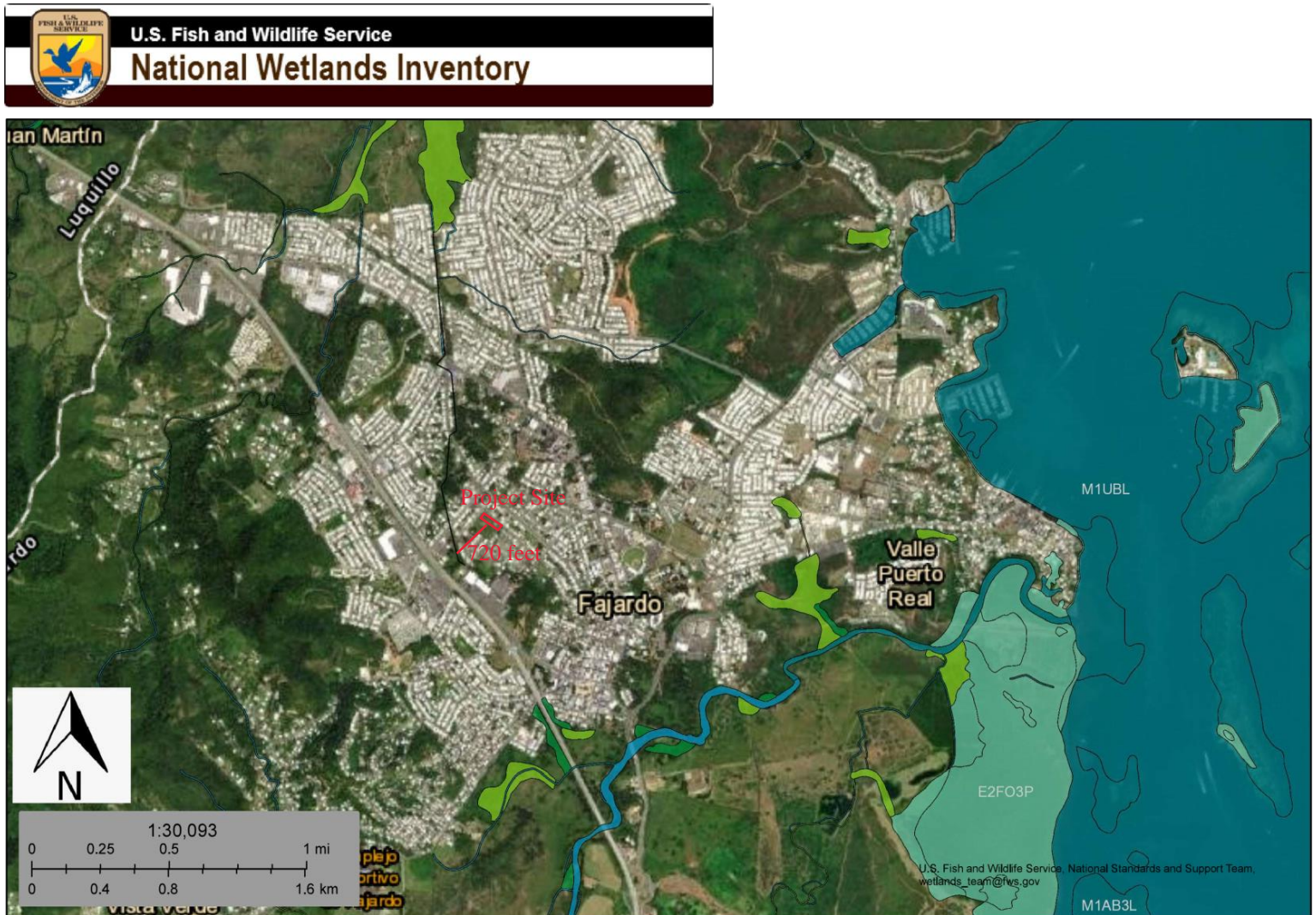
LEGEND



Exhibit 12. Wetlands Protection

Centro Multidisciplinario Veve Calzada, (PR-CRP-000890), Fajardo

Lat/Long: 18.33258253°, -65.65821514°



June 28, 2023

Wetlands_Alaska

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

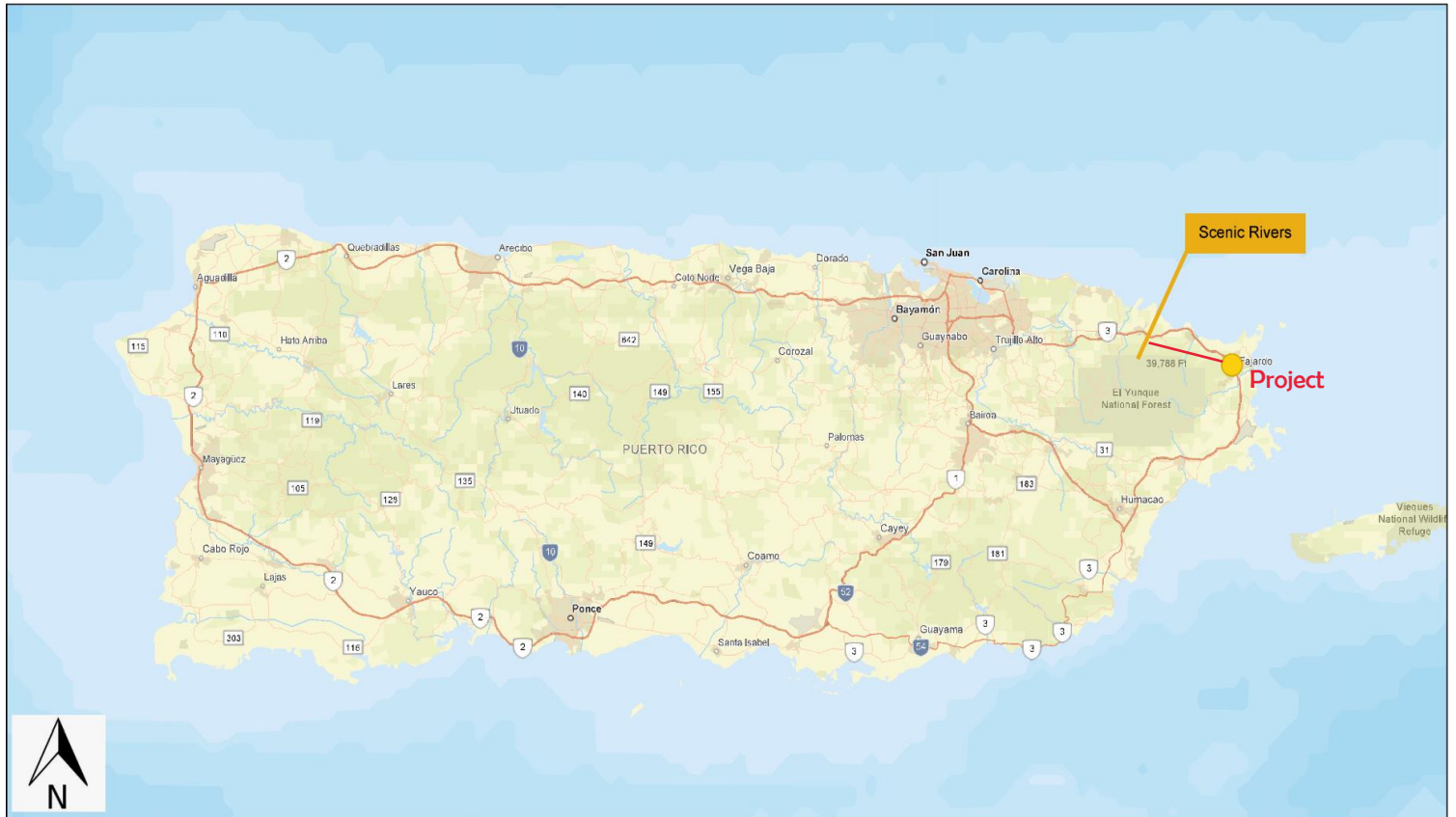
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

<https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/>

Exhibit 13. Wild and Scenic Rivers-Act of 1968

Centro Multidisciplinario Veve Calzada, (PR-CRP-000890), Fajardo

Lat/Long: 18.33258253°, -65.65821514°



June 28, 2023



Search Result (point)



Impaired Water Points

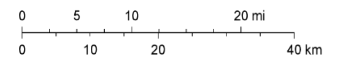


Impaired Streams



Site Project. The distance of the project from Wild and scenic River is 39,788 ft.

1:577,791



Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METI/NASA, USGS, NPS

Exhibit 14. Mapa de Calificación

Multidisciplinary Center, Veve Calzada, PR-CRP-000890, Fajardo/ Coordinates
(lat/long): 18.33258253°, -65.65821514°

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

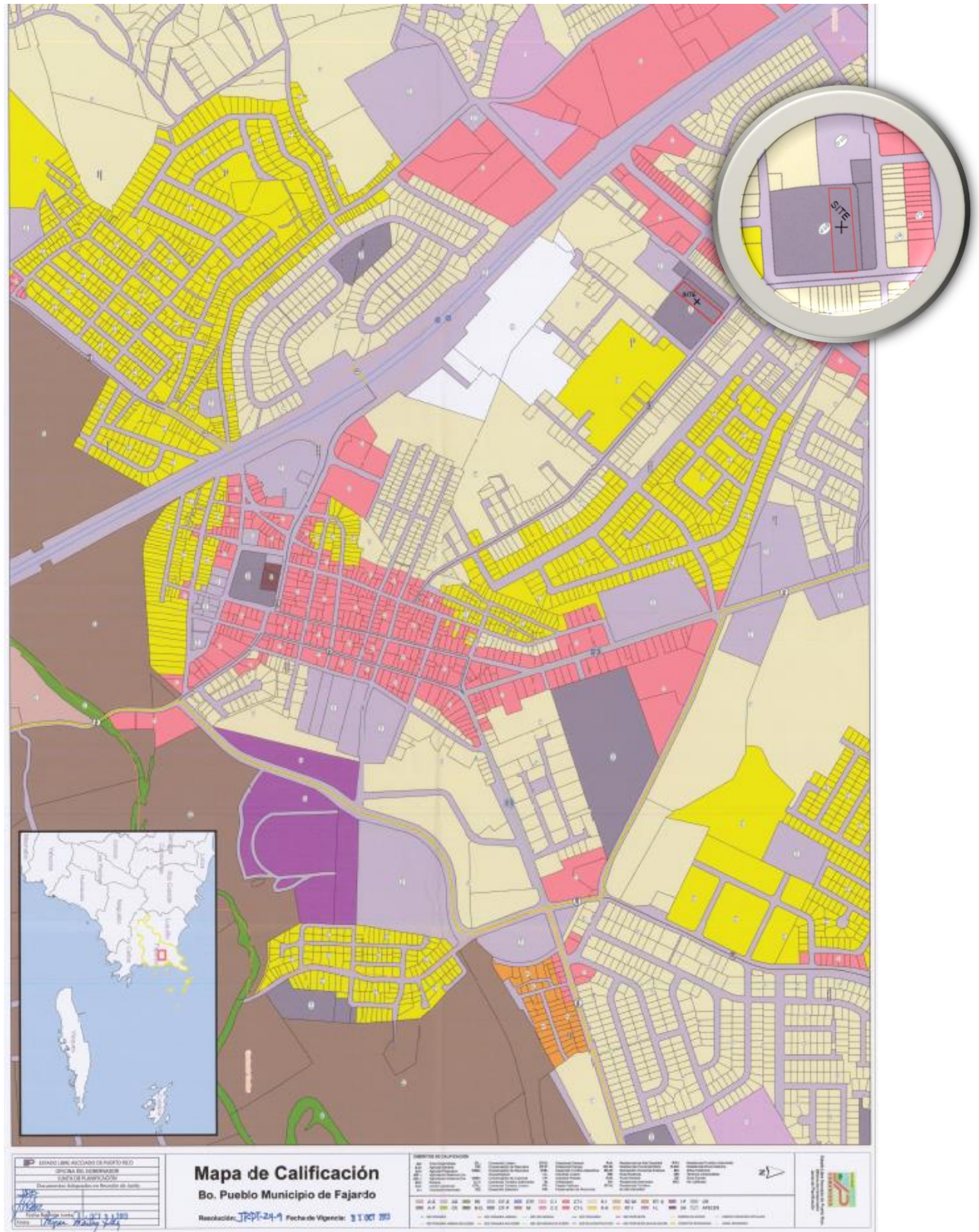


Exhibit 14A Mapa de Calificación

Multidisciplinary Center, Veve Calzada, PR-CRP-000890, Fajardo/ Coordinates
(lat/long): 18.33258253°, -65.65821514°

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

Tabla 6.1 - Equivalencias Distritos de Calificación

DISTRITOS PREVIO 2008	DISTRITOS A 2010	DESCRIPCIÓN	DISTRITOS A 2020	NOMBRE DEL DISTRITO
DS	D-S	Desarrollo Selectivo		
R-0	U-R	Terrenos Urbanizables		
LT-AD	LT-AD	Laguna Tortuguero - Área Desarrollada		
A-4	R-G	Rural General	R-G	Rural General
LT-A4	LT-A4	Laguna Tortuguero – Rural General		
R-0	U-R	Terrenos Urbanizables		
A-3 y A-2	A-G	Agrícola General	A-G	Agrícola General
AR-2	AR-2	Agrícola en Reserva Dos		
PM	P-M	Pesca y Maricultura		
LT-A2 y LT-A3	LT-A2 y LT-A3	Laguna Tortuguero - Agrícola General y Agrícola Tres		
R-0	U-R	Terrenos Urbanizables		
A-1	A-P	Agrícola Productivo	A-P	Agrícola Productivo
AR-1	AR-1	Agrícola en Reserva Uno		
LT-A-1	LT-A-1	Laguna Tortuguero - Agrícola Mecanizable		
R-0	U-R	Terrenos Urbanizables		
P	DT-G	Dotacional General	D-G	Dotacional General
	DT-P	Dotacional Parque	D-A	Dotacional Área Abierta

Exhibit 15. Soil Report

Multidisciplinary Center, Veve Calzada, PR-CRP-000890, Fajardo/ Coordinates
(lat/long): 18.33258253°, -65.65821514°

<https://websoilsurvey.sc.egov.usda.gov>



Soil Map—Humacao Area, Puerto Rico Eastern Part
(Multidisciplinary Center -Veve Calzada)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Humacao Area, Puerto Rico Eastern Part

Survey Area Data: Version 15, Sep 13, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
U1	Urban land	27.9	100.0%
Totals for Area of Interest		27.9	100.0%

Exhibit 16. Energy Consumption (LUMA-Comments)

Multidisciplinary Center, Veve Calzada, PR-CRP-000890, Fajardo/ Coordinates (lat/long): 18.33258253°, -65.65821514°



Document No: 4375.026

ENGINEERING & ASSET MANAGEMENT DISTRIBUTION ENGINEERING REPORT

Version: 3

jueves, 14 de septiembre de 2023

Sr. Pedro Ramos Vélez
Gerente División Infraestructura
PO Box 41118
Santurce, PR 00940

Estimado señor Ramos:

OGPe :	2023-503511-SRI-073002
LUMA:	23-1-0679
Carga :	200 kVA
Proyecto :	Mejoras a Centro Multidisciplinario Veve Calzada
Dirección:	Veve Calzada Ave. El Veterano (PR-986)
Municipio:	Fajardo, P.R.

LUMA como agente operador del Sistema de Transmisión y Distribución eléctrica de la Autoridad de Energía Eléctrica (AEE) le presenta sus comentarios con relación al proyecto de referencia para Mejoras a Centro Multidisciplinario.

El diseñador deberá leer y entender este informe; de haber dudas relacionadas al mismo, debe aclararlas con el Ingeniero Supervisor de la Región de San Juan antes de radicar el plano para endoso. En adición, debe analizar y estudiar este informe e incluir y conformar parte del plano las notas pertinentes que se especifican como "Incluir nota al efecto en los planos de diseño".

Incluimos nuestra evaluación del Proyecto y representación gráfica con información sobre facilidades eléctricas relacionadas al mismo:

1. El Proyecto está localizado en:
Número de Catastro: 150-025-581-02
Centroide del proyecto:
Coordenadas proyección en metros +Este +Norte (281928.58, 255440.49).
Coordenadas Geográficas Latitud y Longitud (18.332641, -65.658249)
2. El Punto de Conexión está localizado en:
Coordenadas proyección en metros +Este +Norte (281994.68, 255414.55).
Coordenadas Geográficas Latitud y Longitud (18.332428, -65.657629)
LUMA/PREPA FID 1000328382.
3. El Proyecto se conectará al Punto de Conexión #10 indicado en el plano que se incluye.
4. El Punto de Conexión #10 indicado en el croquis se denomina como "Punto de Entrega". No se transferirá a LUMA la infraestructura eléctrica desde ese punto. El servicio que se deriva del mismo es considerado como exclusivo y privado, por lo que el mantenimiento, reparación y reemplazo del sistema es responsabilidad del Dueño.
5. Deberá presentar plano de diseño para endoso y la Certificación de Planos de Construcción Eléctrica para la distribución eléctrica correspondiente, acompañados por la Estampilla Digital Especial, y firmados digitalmente. Estos deberán ser radicados mediante el Portal Único de Negocios (SBP por sus siglas en inglés) de la Oficina de Gerencia de Permisos (OGPe). (Ver Comunicado Técnico 18-01 y 17-01); y deberán cumplir con los siguientes reglamentos, directrices, comunicados e información técnica específica que se presenta a continuación:
 - a. Asegurarse que el diseño propuesto cumpla con el "Reglamento conjunto para la evaluación y expedición de permisos relacionados al desarrollo, uso de terrenos y operación de negocios" del 7 de junio de 2019, los NUEVOS patrones de Construcción de LUMA y los siguientes Comunicados Técnicos AEE:

- i. 07-02 "Pruebas a cables soterrados nuevos y sus accesorios en proyectos privados" del 29 de junio de 2007.
 - ii. 12-01: Política Pública para la Construcción de Sistemas Eléctricos.
 - iii. Los Criterios de Diseño para Sistemas Eléctricos Aéreos de Transmisión y Distribución deben ser tomando en consideración una velocidad probable de viento de 160 mph.
 - iv. 13-03: Bases de Hormigón para Postes de Líneas Eléctricas.
 - v. 14-03: Equipos con Aislación en Goma de Silicón.
 - vi. 15-02: Postes para Sistemas de Distribución Eléctrica Primaria.
 - vii. 15-03: Revisión de Parámetros para Transformadores según Reglamentación del Departamento de Energía Federal (DOE).
- b. Los sistemas de alumbrado a construirse deberán cumplir con los siguientes Comunicados de la AEE:
 - i. 07-01: Sistemas de Alumbrado.
 - ii. 16-03: Proyectos de Construcción con Sistemas de Alumbrado Público; esta consulta la podrá realizar a través del correo electrónico: energia@ddec.pr.gov
 - iii. 16-04: Instalación de Luminarias Tipo Diodo Emisor de Luz (LED).
- c. En el sector existen líneas eléctricas aéreas, trifásica con 3 conductores calibre número 556 ACSR a un voltaje de 7.32/13.2kV y 3 conductores calibre 336 SPACER a un voltaje de 4.8/8.32kV
- d. El voltaje de alimentación para el Proyecto será de 13.2 kV. Se servirá del alimentador 2005-10.
- e. Será responsabilidad del diseñador del Proyecto indicar la localización exacta de este, ilustrar las líneas eléctricas existentes y de ser necesario, coordinar la reubicación de líneas eléctricas.
- f. Deberá incluir en los planos de diseño las coordenadas Lambert correspondientes a la ubicación del Proyecto, en versión del North American Datum (NAD 83) y la unidad de medidas en metros [Refiérase al inciso 1 de este informe]; estas coordenadas deberán aparecer impresas en el plano de localización a ser radicado para revisión y eventual endoso, en una escala de 1:10,000 o 1:20,000. Incluir planos en formato .DWG o .DXF, el mismo deberá estar georeferenciado.
- g. Serán requisitos en conjunto con la radicación de los planos la carta explicativa del Proyecto, cálculos de carga, tensión y flecha para los sistemas aéreos, y cálculos de caída de voltaje para diseños de sistema soterrados.
- h. Se requiere incluir como parte del diseño la instalación de disyuntores con protección de fusibles a la entrada del proyecto en el Punto de Conexión. Incluir el detalle y nota al efecto en los planos de diseño.
- i. Si este Proyecto contempla instalar una subestación en la azotea del edificio u otro nivel sobre alguna estructura distinta al suelo, deberá someter una certificación estructural del edificio o estructura donde indique que éste puede sostener dicha subestación. Para más detalles refiérase al Reglamento Complementario al Código Eléctrico Nacional en su Sección IX, Artículo B, inciso 1-t.
- j. Para todo servicio de uso exclusivo o lotificaciones, el dueño del proyecto proveerá todos los materiales necesarios, incluyendo el transformador. Incluir nota al efecto en los planos de diseño.
- k. Todo proyecto de equipo de comunicaciones o letreros (Billboard) a ser conectados a nuestro sistema eléctrico deben tener medición exclusiva. El medidor no puede estar compartido con cargas residenciales. Para detalles referirse al Comunicado Técnico 08-02 de la AEE, "Antenas de Comunicaciones y Letreros", del 11 de enero de 2008.
- l. A menos de una milla de distancia de la costa tanto los equipos como los materiales deberán ser en acero inoxidable, y el conductor a utilizar será ACAR (Aluminum Conductor Alloy Reinforced), AAAC (All Aluminum Alloy Conductor) o su equivalente en cobre. Incluir nota al efecto en los planos de diseño.

- m. Esta evaluación del Punto de Conexión no constituye una revisión del plano de diseño. El diseñador es responsable de cumplir con los códigos, reglamentos, manuales, estándares y normas aplicables vigentes para los sistemas eléctricos en Puerto Rico. Además, deberá cumplir con los reglamentos de ordenación de la infraestructura en el espacio público (Reglamento de Planificación Número 22), según exige la Oficina de Gerencia de Permisos (OGPe). Los sistemas de distribución y transmisión a desarrollarse en estas zonas deberán seguir las guías establecidas por este reglamento. Incluir nota al efecto en los planos de diseño.
 - n. El dueño del proyecto o su representante deberá notificarle a la Oficina de Ingeniería de Distribución de la Región San Juan, InspeccionesSanJuan@lumapr.com, el comienzo de la obra posterior al endoso de los planos y previo al inicio de los trabajos eléctricos del proyecto para la requerida inspección, aprobación y coordinación necesaria. Incluir nota al efecto en los planos de diseño.
6. En todo proyecto que requiera la instalación de medición secundaria o primaria para uno o más servicios con tarifa al por mayor, el diseñador del sistema eléctrico deberá coordinar con el Director de Mediciones por medio del correo electrónico consulta.medicion@Lumapr.com, los equipos que utilizará y la ubicación de este. LUMA seleccionará el tipo de metro contador a ser instalado en este proyecto de acuerdo con el servicio solicitado y a su disponibilidad en los almacenes. Incluir nota al efecto en los planos de diseño.

Además, deberá incluir una nota en los planos de diseño que indique lo siguiente: "Este proyecto requiere contrato de cuentas al por mayor, el cual es requisito que se firme previo a la energización del proyecto. El tipo de medición, los equipos a utilizarse y la ubicación del equipo de medición fue coordinada con Director de Mediciones."

7. Para servir el Proyecto, el proponente será responsable de lo siguiente. Incluir notas al efecto en los planos de diseño:
- a. Aportará la cantidad de \$ 2,200.00, para realizar mejoras al sistema eléctrico. Dicha Aportación está basada en los 200 kVA de transformación que serán añadidos al sistema. El pago será mediante efectivo, tarjeta de crédito, cheque certificado o giro en cualquier Oficina de Experiencia al Cliente de LUMA. La Oficina de Experiencia al Cliente acreditará el pago a la cuenta de Ayuda a la Construcción CIG – 419.06. Deberá enviar a la Oficina de Ingeniería de Distribución correspondiente, al correo electrónico ingenieria.distribucionSanJuan@lumapr.com la evidencia de pago.
 - b. Extender el alimentador primario, aéreo con aislamiento 15 kV, requerido desde el Punto de Conexión hasta un poste privado donde se construirá la subestación del Proyecto, o en su lugar donde se construirá el bajante ("riser") de la toma soterrada para la propia subestación privada. Deberá identificar el "Punto de Entrega" en los planos de diseño, según el Reglamento Complementario al Código Eléctrico Nacional y el Reglamento de Términos y Condiciones Generales para el Suministro de Energía Eléctrica.
 - c. El Dueño del Proyecto deberá confirmar con el Gerente de Distrito Técnico correspondiente el voltaje primario a ser utilizado, previo a la compra de los transformadores.
 - d. Construir las facilidades eléctricas entendiéndose base de contador y otros. Debe cumplir con el Reglamento Complementario al Código Eléctrico nacional, Sección IV. Artículo B, C y D en su totalidad, "toma de Servicio Aérea" y Toma de Servicio Soterrada"
 - e. Obtener y gestionar todos los endosos de las agencias reguladoras pertinentes tales como:
 - i. Departamento de Recursos Naturales y Ambientales (DRNA) - Declaración de Impacto Ambiental (DIA),
 - ii. Instituto de Cultura Puertorriqueña - División de Permisos Arqueológicos,
 - iii. Cuerpo de Ingenieros de Estados Unidos,
 - iv. Departamento de Transportación y Obras Públicas Estatal o Municipal,
 - v. Junta de Planificación,
 - vi. Oficina de Gerencia y Permisos (OGPe),
 - vii. Otras agencias gubernamentales, federales y privadas requeridos para el desarrollo del proyecto.

8. Para servir el Proyecto, LUMA realizará los siguientes trabajos con cargos al dueño. Incluir notas al efecto en los planos de diseño:
 - a. Interceptar la línea existente de 13.2kV con un poste de 50 pies-S8 de metal galvanizado en el Punto de Conexión.
 - b. Realizará todos los trabajos en el punto de conexión y donde estén las líneas energizadas. Materiales que se requieran en el punto de conexión, serán provistos por el dueño del proyecto.
 - c. Una vez endosado el plano de diseño, para conocer el costo por concepto de los trabajos a ser realizados por LUMA especificados en este informe, LUMA (Departamento de Ingeniería de Distribución) le estará emitiendo al proponente un estimado preliminar para propósito informativo; **este no será para propósito de pago**. En su momento, en la reunión de pre-construcción deberá formalizar la solicitud del estimado oficial. Una vez recibido el estimado oficial podrá realizar el pago de la cotización y notificar a este Departamento de Ingeniería de Distribución con tres meses de anticipación de los trabajos estimados para el proyecto y dentro de la vigencia de la cotización (90 días).
9. Incluimos como parte de esta evaluación, un croquis con información gráfica sobre facilidades eléctricas.
10. Cualquier duda sobre esta evaluación y su contenido, puede comunicarse a nuestra oficina al correo electrónico ingenieria.distribucionSanJuan@lumapr.com y al número telefónico (787) 521-6443.
11. Esta evaluación caduca al año (1 año) de la fecha de emisión, y cancela y sustituye cualquier otra realizada previamente.

Cordialmente,

Vanessa Rivera Guilloty
Guilloty

Digitally signed by
Vanessa Rivera Guilloty
Date: 2023.09.14
13:49:46 -0400

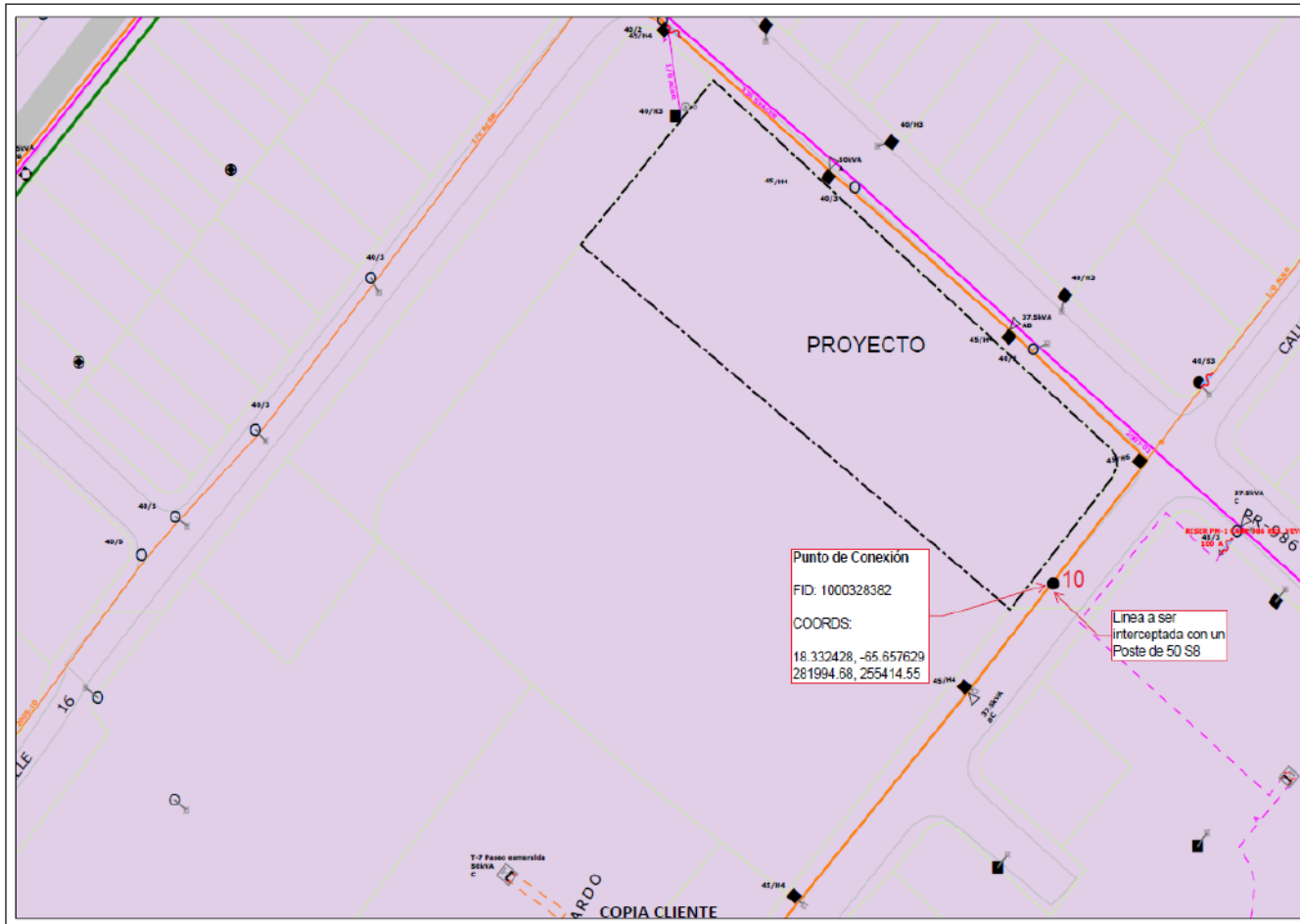
Ing. Vanessa Rivera Guilloty
Ingeniera II
Ingeniería de Distribución Región San Juan

LUMA : 23-1-0679

Proyecto : Mejoras a Centro Multidisciplinario Veve Calzada

Página 5 of 5

14-sep-23



Mejoras a Centro Multidisciplinario Veve Calzada
Veve Calzada Ave. El Veterano (PR-986) Fajardo, P.R.

LUMA #: 23-1-0679

Carga : 200 kVA



Región San Juan
Ingeniería de
Distribución
Por: José M. Castillo Colón

Exhibit 17. Aqueduct and Sewer Authority /Infrastructure / East Public and Private Multidisciplinary Center, Veve Calzada, PR-CRP-000890, Fajardo/ Coordinates

(lat/long): 18.33258253°, -65.65821514°



GOBIERNO DE PUERTO RICO

AUTORIDAD DE ACUEDUCTOS Y ALCANTARILLADOS | INFRAESTRUCTURA | PROYECTOS PÚBLICOS Y PRIVADOS ESTE

4 de diciembre de 2023

Lcdo. Felix Rivera Torres
Secretario Auxiliar
Oficina de Gerencia de Permisos (OGPe)
PO Box 41179
San Juan, Puerto Rico 00940-1179

Estimada Arquitecto Cintron Flores:

**AAA-RE-23-27-0022 FAJARDO – REHABILITACION CENTRO MULTIDISCIPLINARIO VEVE CALZADA
AVE. EL VETERANO, BO. PUEBLO
1 UNIDAD EQUIVALENTE
OGPE: 2023-503511-SRI-073001
(RECOMENDACIONES)**

Nos referimos al proyecto de epígrafe, sometido ante la consideración de la Autoridad de Acueductos y Alcantarillados (AAA) para que se informe en cuanto a las facilidades de agua y alcantarillado sanitario existentes, que puedan servir al mismo. De acuerdo al memorial explicativo presentado por el ing. William Melendez Rivas (Licencia 16383), el proyecto propuesto consiste de la remodelación de una estructura a ser utilizada como centro de usos múltiples. Por lo anteriormente descrito se han calculado 1 unidad equivalente.

El servicio de agua potable podrá ser prestado mediante conexión a la tubería de 4" Φ existente en camino municipal frente al proyecto. El Servicio para el centro podrá ser solicitado directamente en la Oficina de Cuentas de Gobierno.

El servicio de alcantarillado sanitario para este proyecto, podrá ser prestado utilizando la acometida sanitaria existente en la propiedad

Esta evaluación ha considerado la solicitud de acuerdo como fue presentada. Si el dueño del proyecto interesara realizar segregaciones en el remanente, solicitar acometidas de servicios adicionales o cambiar el uso para el mismo, deberá someter, nuevamente, una petición de servicio a esos fines, ante la Oficina de Gerencia de Permisos (OGPe) para evaluación de esta Autoridad.

Estas recomendaciones estarán vigentes por el término de dos (2) años, a partir de la fecha de esta comunicación

Cordialmente,

Ing. Ricardo Velásquez Medina, PE
Gerente Técnico, Región Este
Proyectos Públicos y Privados

Parque Industrial Angora Edificio H | P.O. BOX 2759, Caguas, P.R. 00726-5729

☎ 787.744.7795 Exts. 4053/4047/4085/4086 | 📠 787.993.9010 🌐 www.acueductospr.com

Exhibit 18. Telecommunications
Multidisciplinary Center, Veve Calzada, PR-CRP-000890, Fajardo/ Coordinates
(lat/long): 18.33258253°, -65.65821514°



GOBIERNO DE PUERTO RICO
Departamento de Desarrollo Económico y Comercio
Oficina de Gerencia de Permisos

Número de Caso:
2023-488368-SRI-074147

Recomendaciones

Mejoras a Centro Multidisciplinario Veve Calzada- PR-CRP-000890

Datos de Localización

De acuerdo a la información suministrada se propone una actividad: Público con Contratación Privada en:

Dirección Física

MEJORAS A CENTRO
MULTIDISCIPLINARIO VEVE CALZADA
Fajardo Puerto Rico, 00738

Número(s) de Catastro

150-025-581-02

Dueño

MUNICIPIO AUTÓNOMO DE FAJARDO

Calificación

Distrito(s) de Calificación: DT-P

Distrito en el Mapa de Inundabilidad: X

Tipo de Suelo: SNS

Cabida

Cabida según escritura: 11527.56 metros cuadrados

Infraestructura

NETPR 2023-RI-0364 (OGPE 2023-488368-SRI-074147) El Negociado de Telecomunicaciones (NET), tiene los siguientes comentarios sobre la evaluación de este proyecto. Adjunto le devolvemos una copia del plano, donde se indica en rojo el punto de conexión, que deberá incluir en los planos finales, para la infraestructura de telecomunicaciones. Una vez se incorporen las recomendaciones a los planos, la Parte Proponente está obligada a preparar el plano final de infraestructura de telecomunicaciones, conforme a la Ley Número 161 de 1 de diciembre de 2009, según enmendada, conocida como la Ley para la Reforma del Proceso de Permisos de Puerto Rico (Ley 161); y el Reglamento para el Endoso de Planos de Infraestructura y Servidumbres para Facilidades de Telecomunicaciones y Televisión por Cable del NETPR, (Reglamento 7393, revisado). De manera supletoria, es de aplicación el Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operación de Negocios. Esta acción no constituye un endoso a la referida acción, ni representa un relevo de cumplimiento respecto a todos los reglamentos aplicables. En esta etapa, se impone la obligación de tramitar, ante la Oficina de Gerencia de Permisos (OGPe), una nueva Solicitud de Recomendaciones para Infraestructura de Telecomunicaciones, mediante el Formulario NETPR F-101, que está disponible en la sección de Infraestructura (Endosos – Formularios) de nuestra página de Internet: <http://www.jrtp.pr.gov/endosos-formularios/>. De ser requerido, la propuesta incluirá el deslinde y la descripción para una Servidumbre de Infraestructura Soterrada de Telecomunicaciones. Este diseño se realizará de conformidad con el citado Reglamento enmendado 7393, del NETPR. El dueño o su representante constituirán, mediante Plano de Inscripción y Escritura, la Servidumbre de Infraestructura Soterrada de Telecomunicaciones, en estricto cumplimiento con las disposiciones del citado reglamento. Este requisito es de observancia específica, y constituye un requisito estatutario, para que la Parte Proponente pueda obtener un Permiso de Construcción. Es una obligación previa al otorgamiento del Permiso de Construcción, presentar a la consideración del NETPR, el Plano de Infraestructura de Telecomunicaciones, para Aprobación Final. El Proponente deberá coordinar con los proveedores de las utilidades de telecomunicaciones (teléfono, televisión por cable) la localización e identificación de cualquiera de estas facilidades que puedan existir en el área del proyecto. En cuanto al





Recomendaciones

Mejoras a Centro Multidisciplinario Veve Calzada- PR-CRP-000890

posible impacto del proyecto, cualquier remoción, modificación y relocalización de las instalaciones de telecomunicaciones existentes, deberá ser coordinada con los proveedores de estos servicios. A la fecha de comienzo de las Obras de Construcción, el dueño y/o el contratista solicitarán una reunión de preinspección del proyecto. Una vez complete la construcción del proyecto, y para el endoso final de la obra construida, deberá proceder, conforme a la Sección 5.02.6 sobre Solicitud de Endosos de Obras de Infraestructura Construidas del Reglamento 7393, según revisado. Para solicitar el Permiso de Uso, que emite la OGPe, es un requisito mandatorio cumplir con la Certificación de Obras Construidas (COC), utilizando el Formulario NETPR F-102, que también lo encontrará en la descrita dirección electrónica. En el descargue de los deberes delegados, el NETPR pasará juicio en torno a la veracidad de los hechos que surjan del expediente administrativo. Se notificarán las acciones administrativas que correspondan, de acuerdo con la etapa del proyecto en referencia.

Condiciones Especiales

NINGUNA

Condiciones Generales

Esta recomendación es solamente aplicable a la situación de hechos y los datos según presentados y evaluados en el caso. La OGPe se reserva el derecho de reevaluar, variar o modificar el mismo en cualquier momento anterior a la emisión del permiso o la acción administrativa correspondiente por parte de la agencia solicitante o proponente cuando surja nueva información oficial específica estableciendo que el derecho aplicable o las condiciones ambientales en el predio han cambiado sustancialmente, o cuando la recomendación original se emitió bajo premisas falsas o fraudulentas.

Las vigencias de las diferentes agencias del proceso de recomendación serán las establecidas en los comunicados que estas emiten conforme a sus reglamentos.

Firma / Sellos

Fecha de Expedición:

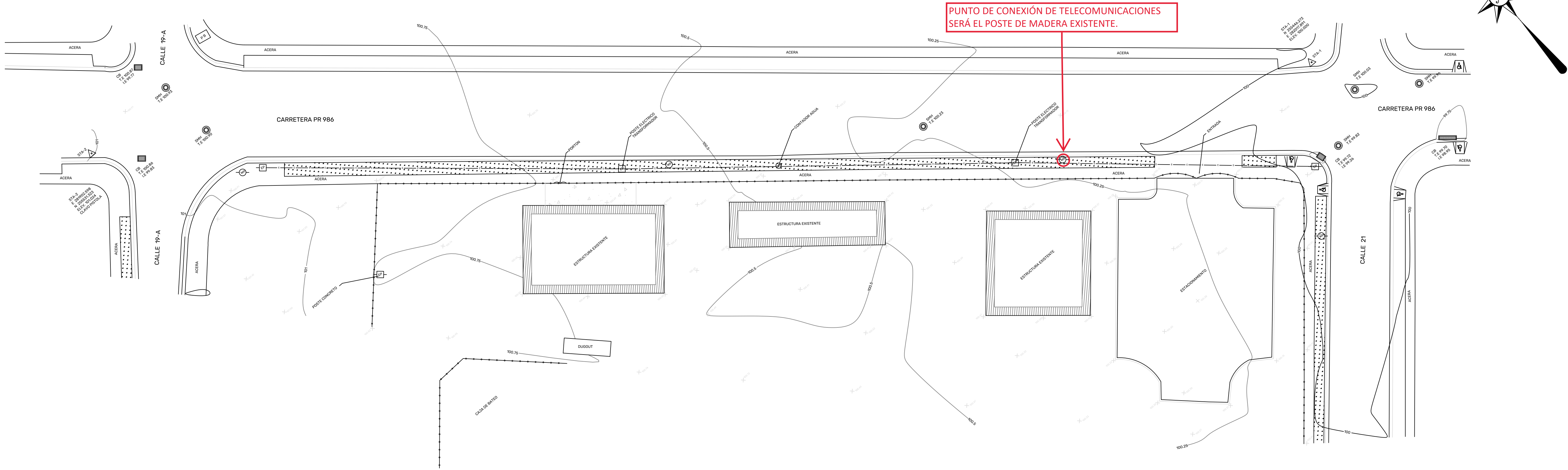
08/SEP/2023



Lcdo. Félix E. Rivera Torres
Secretario Auxiliar de la OGPe



NETPR 2023-RI-0364 (OGPE 2023-488368-SRI-074147)
PUNTO DE CONEXIÓN DE TELECOMUNICACIONES



- NOTAS:
- SISTEMA COORDENADAS NAD83.
 - DATOS DE CAMPO FUERON OBTENIDOS ENERO 2023.
 - SISTEMA VERTICAL LOCAL.
 - CURVAS DE NIVEL 1/4 METRO.

DATOS PARCELA

NUMERO CATASTRO:
150-025-581-02

COORDENADAS NAD83
N (Y) 255465.731
E (X) 281952.256

LEYENDA:

- EP POSTE ELECTRICO
- WP POSTE DE MADERA
- MANHOLE SANITARIO
- CONTADOR AGUA
- ELEVACION
- CATCH BASING
- LINEA ELECTRICA
- VERJA ESLABONADA

PROJECT ADDRESS
CENTRO MULTIDISCIPLINARIO VEVE
CALZADA, FAJARDO, P.R. 00738

LAT/LONG
18.332893, -65.658025

OWNER
MUNICIPALITY OF FAJARDO

REGISTER No.
1 5 0 - 0 2 5 - 5 8 1 - 0 2

REVISIONS				
REV.	DATE	DESCRIPTION	BY	CHK'D
__	__	__	__	__
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

IMPORTANT NOTES TO THE CONTRACTOR:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE PROCEEDING WITH WORK. IF ANY DISCREPANCIES, ERRORS OR OMISSIONS SHOULD BE ENCOUNTERED ON PLANS, CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE ANY PART OF THE WORK IS STARTED SO THAT PROPER CORRECTIONS ARE MADE. IF ENGINEER IS NOT NOTIFIED PRIOR TO COMMENCING OF THE WORK, ALL DESIGNS AND DRAWINGS HEREIN AND PRINTS ISSUED BY THE ENGINEER ARE THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REUSED ON ANY OTHER LOCATION EXCEPT THE ONE FOR WHICH THEY EXPRESSLY DESIGNED. IF THESE DRAWINGS OR ANY PART THEREOF IS REPRODUCED WITHOUT THE CONSENT OF THE ENGINEER, THE PERSON WHO IS DOING WILL BE INDEBTED TO THE ENGINEER FOR HIS FULL COMMISSION. CONTRACTOR SHALL NOT USE FOR CONSTRUCTION PURPOSES ANY DRAWINGS THAT WERE ADVANCE TO HIM PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL PLANS BEING USED BY CONTRACTOR SHOULD HAVE A LABEL SAYING "FOR CONSTRUCTION ONLY" SIGNED AND SEALED BY THE ENGINEER.

CERTIFICATION

I, WILLIAM MELENDEZ RIVAS, LIC. 16383, CERTIFY THAT I AM THE PROFESSIONAL WHO [MADE, DESIGNED OR PREPARED] THESE PLANS AND THE COMPLEMENTARY SPECIFICATIONS. I ALSO CERTIFY THAT I UNDERSTAND THAT SAID PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE PROVISIONS OF THE JOINT REGULATIONS AND THE APPLICABLE PROVISIONS OF THE REGULATIONS AND BUILDING CODES IN FORCE OF THE AGENCIES, REGULATORY BOARDS OR PUBLIC CORPORATIONS WITH JURISDICTION. I FURTHER CERTIFY THAT THE PREPARATION OF THESE PLANS AND SPECIFICATIONS HAS FULLY COMPLIED WITH THE PROVISIONS OF LAW 14-2004, AS AMENDED, KNOWN AS THE "LAW FOR INVESTMENT BY THE PUERTO RICAN INDUSTRY" AND WITH THE [LAW NO. 319 OF MAY 15, 1938, AS AMENDED; ACT NO. 96 OF JULY 6, 1978, AS AMENDED, AS APPLICABLE]. I ACKNOWLEDGE THAT ANY FALSE STATEMENT OR MISREPRESENTATION OF FACTS THAT HAS BEEN PRODUCED BY IGNORANCE OR NEGLIGENCE EITHER BY ME, MY AGENTS OR EMPLOYEES, OR BY OTHERS WITH MY KNOWLEDGE, MAKES ME RESPONSIBLE FOR ANY JUDICIAL AND DISCIPLINARY ACTION BY THE OGPE.

INGENIUM
PROFESSIONAL GROUP

654 Ave. Muñoz Rivera - Suite 1838
654 Plaza, San Juan, PR 00738
Tel. (787) 918-5890 / 5891
Email: info@ingenium.group

SIGNATURE



FILE

Dwg Name: PROJECT

Drawn by: INGENIUM GROUP, IPG

Revised by: WILLIAM MELENDEZ

Plot Scale: AS SHOWN

Progress Print: ----

TITLE

SURVEY AND TOPOGRAPHY

DRAWING No.

S-100

PAGE: 02/02

Notas Generales

Notas Generales:

1. El desarrollador suplirá e instalará todos los materiales necesarios para la infraestructura de telecomunicaciones incluyendo, pero no limitado, a los conductos de 1", 2" y 4" de diámetro indicados en los planos.
2. Los conductos de 1" de diámetro serán SCH 40 PVC y estarán alambrados con soga de nilón de 1/8" de diámetro con una resistencia mínima de tensión de 300 lb.
3. Los conductos de 2" Ø PVC (para distribución de facilidades de televisión por cable) y los conductos de 4" Ø (para distribución de facilidades de teléfono) se instalarán a lo largo de la servidumbre. Los conductos de 2" Ø siempre ocuparán la posición más próxima a la acera y los de 4" Ø siempre ocuparán la posición más distante de la acera (vea detalle de la ubicación de los conductos y trinchera en servidumbre).
4. Los conductos de 2" y 4" de diámetro serán SCH 40 (mínimo) y estarán alambrados con soga de nilón de 1/4" de diámetro con una resistencia mínima de tensión de 500 lb. Los conductos de 2" y 4" de diámetro se probarán con mandriles de 1-5/8" y 3-5/8" respectivamente.
5. Todos los extremos de los conductos serán cubiertos con tapones de PVC.
6. La profundidad mínima de los conductos que se instalarán a lo largo de la servidumbre y hacia las residencias será:
 - Conductos de 1" Ø 14" bajo el nivel del terreno
 - Conductos de 2" Ø 24" bajo el nivel del terreno
 - Conductos de 4" Ø 24" bajo el nivel del terreno
7. En el caso de que los conductos se instalen en una envoltura de concreto, se utilizarán separadores cada seis pies, o según las indicaciones del fabricante, para mantener la formación y separación de los conductos.
8. En áreas de rodaje (cruces de calles, carreteras y estacionamientos) los conductos se instalarán a una profundidad de 30" a 36" medida desde la superficie del pavimento y llevará una envoltura o revestimiento de concreto con una resistencia mínima de 3000 lb./pulgada² (3000 psi).
9. La zanja se rellenará utilizando material selecto libre de piedras y otros contaminantes, tales como maderas, asfalto, pavimento, escombros de construcción, etc. El relleno se compactará a un 95% en capas de 6 pulgadas compactando las primeras 12 pulgadas por medio de equipo liviano.
10. Se instalará cinta de precaución (igual o similar al Terra Tape ® 42-0007) color anaranjado de 6 pulgadas de ancho a una profundidad de 12 pulgadas bajo el nivel del terreno a lo largo de la ruta de los conductos.
11. El desarrollador marcará el punto de terminación de los cruces de calles y conductos de servicio en aquellas áreas donde no se instalarán cajas de distribución. Ver detalle de "Wood Stake".
12. En los conductos de 2" y 4" de diámetro las curvas tendrán un mínimo de 90° con un radio mínimo de 36". Los conductos se limitarán a dos curvas de 90° por tramo o sección de conductos.

Notas Generales (Continuación)

13. Generalmente se instalarán cajas de distribución de (3' x 3' x 3') ó (4' x 4' x 4') y/o cajas para empalmes (7' x 4'-6" x 4') para la distribución de facilidades de telecomunicaciones según se indique en el plano. Estas cajas se instalarán fuera de la vía de rodaje y deben estar diseñadas para resistir tráfico de vehículos incidental.

De ser necesario la instalación de cajas en áreas de rodaje expuestas a tráfico de vehículos se utilizará una caja o "Manhole" diseñado para áreas para prevenir que se deforme o colapse la tapa de acceso y la estructura del mismo, igual o similar a "Power Poles MH 6'X6'X7'".

13. Los puntos de distribución se ubicarán a dos pies de la colindancia entre solares donde no exista conflicto con entradas en concreto (p. Ej. Marquesinas y aceras).
14. Las cajas de distribución, cajas para empalmes y registros serán:
 - a. Pre-fabricadas en concreto con refuerzo de acero (igual o similar a Power Poles Inc.)
 - b. Hechos en sitio en concreto con refuerzo de acero (con el diseño para resistir el tipo de tráfico de vehículos donde sean ubicadas).
 - c. Pre-fabricados de concreto polimerizado (igual o similar a Quazite®) – Sólo para utilizarse en casos de puntos de distribución o conexión para el servicio de Cable TV donde haya limitaciones de espacio, cuyo tamaño no excederá (18" X 24" X18") y se ubicarán en áreas no expuestas a tráfico de vehículos.

Nota: Cualquier cambio en el tipo de caja a utilizarse deberá obtener la aprobación de la JRTPR antes de su uso.

16. Se sellarán todos los conductos en las cajas de distribución, cajas de empalmes y en los gabinetes o panel de acceso de cada edificio residencial y comercial, independientemente si están ó no en uso. Para sellar los conductos se utilizará un sellador (igual ó similar al "Duct Sealing Kit 4416" manufacturado por 3M®).
17. Los conductos de 2"Ø para distribución de facilidades de televisión por cable en los proyectos residenciales (unifamiliares, en hilera, de patio, etc.) no entrarán en las cajas para la distribución de facilidades de teléfono. Estos conductos, al igual que los conductos de 1"Ø para la instalación de las líneas de servicio de televisión por cable, se dejarán taponados en los puntos de distribución designados para ése servicio en el área de siembra (generalmente al lado de las luminarias) según se indica en los planos.
18. Las cajas metálicas exteriores 4" x 4" x 2½" (mínimo), para las líneas de servicio telefónico y de CATV, se instalarán contiguamente en una de las paredes de la unidad de vivienda convenientemente localizada y de acceso no limitado.
19. El conducto a través del cual se instalará el alambre para conexión a tierra en las cajas metálicas exteriores 4" x 4" x 2½" (mínimo), saldrá fuera de la pared de la vivienda a una profundidad de 6" bajo el nivel del terreno.
20. La conexión a tierra del cable o línea de servicio la efectuará el proveedor de servicio por medio de un alambre de cobre #6 y una varilla de 8' x 5/8" de cobre como mínimo y deberá cumplir con el Código Nacional Eléctrico vigente.
21. Todos los sistemas de telecomunicaciones (teléfono y CATV) estarán vinculados a tierra en todos sus puntos y deberán cumplir con el Código Nacional Eléctrico vigente.

Notas Generales (Continuación)

22. No habrá más de dos curvas de 90° en los conductos entre las cajas metálicas exteriores e interiores.
23. Los conductos interiores para los servicios de telecomunicaciones tendrán un mínimo de $\frac{3}{4}$ " de diámetro y cada unidad tendrá un mínimo de un receptáculo para teléfono y otro para CATV en cada una de las habitaciones, dormitorio, en la cocina y en la sala.
24. Cada uno de los gabinetes de Telecomunicaciones (Teléfono y CATV) en los edificios "Walk-Ups" y Multi-residenciales tendrán un tamaño mínimo de **36"x24"x6" (Teléfono) y 36"x36"x8" (CATV)** y servirán un máximo de 16 apartamentos. Los gabinetes estarán provistos de un panel de madera tratada de $\frac{3}{4}$ " de espesor, tirador con cerradura y acceso por completo por el frente. Cada gabinete estará vinculado a tierra, conforme al Código Nacional Eléctrico vigente.
25. Los edificios en los proyectos tipo "Walk Up" tendrán gabinetes independientes para servicio telefónico y servicio de televisión por cable. El gabinete de Teléfono se conectará a la caja para empalmes más cercana por medio de dos conductos de dos pulgadas de diámetro (2-2"Ø). El gabinete de CATV podrá conectarse a la caja de empalme más cercana o al gabinete de CATV más cercano dependiendo del diseño tipo anillo que especifique el plano, por medio de dos conductos de dos pulgadas de diámetro (2-2"Ø). La caja para empalmes será de 7' x 4'-6" x 4' (mínimo) y podrá ser compartida por ambos servicios (Teléfono & CATV).
26. Los Edificios Residenciales Multipisos tendrán un gabinete principal de distribución independiente para servicio telefónico y de CATV, cada uno con un panel resistente al fuego "fire-retardant plywood" de 4' x 8' x $\frac{3}{4}$ " o un panel de madera tratada de 4' x 8' x $\frac{3}{4}$ " pintado con dos (2) capas de pintura resistente al fuego. Los gabinetes principales estarán interconectados de manera vertical con otros gabinetes de distribución, según sea el caso, por medio de dos conductos de 4" ó 2" de diámetro y estos gabinetes servirán un máximo de 16 apartamentos.
27. En edificios residenciales & comerciales, cada Panel o Gabinete estará provisto con un medio para conectar a tierra las facilidades de Telecomunicaciones; como mínimo equipado con una barra de conexión, alambre de cobre #6 y una varilla de 8' x $\frac{5}{8}$ " de cobre. Dicho sistema estará vinculado al sistema común de conexión a tierra del edificio y deberá cumplir con el Código Nacional Eléctrico vigente. La instalación de dicho sistema será responsabilidad del desarrollador.
28. Todo apartamento será alimentado por dos (2) conductos de una pulgada (1") de diámetro, uno desde el gabinete de distribución de teléfonos y otro desde el gabinete de distribución de CATV.
29. En los edificios multipisos residenciales se instalará una caja de empalme de tamaño 7' x 4'-6" x 4' (min) como punto de conexión y podrá ser compartida por ambos servicios (Teléfono & Cable TV). Desde la caja de empalme, se instalará un mínimo de dos (2) conductos de 4" y dos (2) conductos de 2" para servicios de Teléfono & Cable TV respectivamente. Estos conductos llegaran hasta los gabinetes principales instalados para Teléfono y Cable TV.















NOTAS ESPECIALES

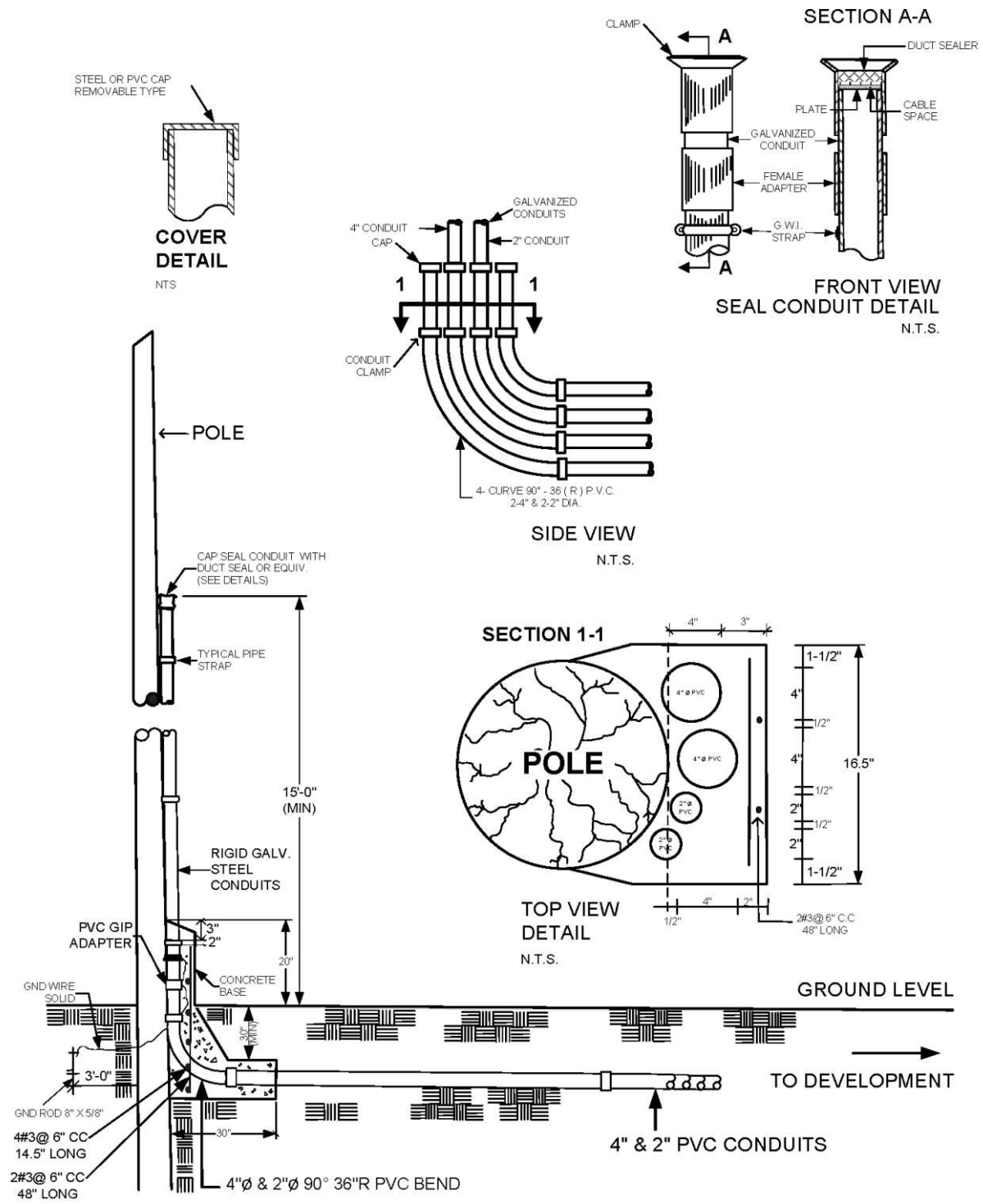
30. El desarrollador, cumpliendo con la Sección 19.04 del Reglamento de Lotificación y Urbanización (Reglamento de Planificación Número 3) Revisado, transferirá a la JRTPR mediante escritura pública la servidumbre necesaria para la instalación expedita de los servicios de telecomunicaciones (teléfono y televisión por cable) coordinada con esa entidad y presentada en este plano.

Notas Especiales

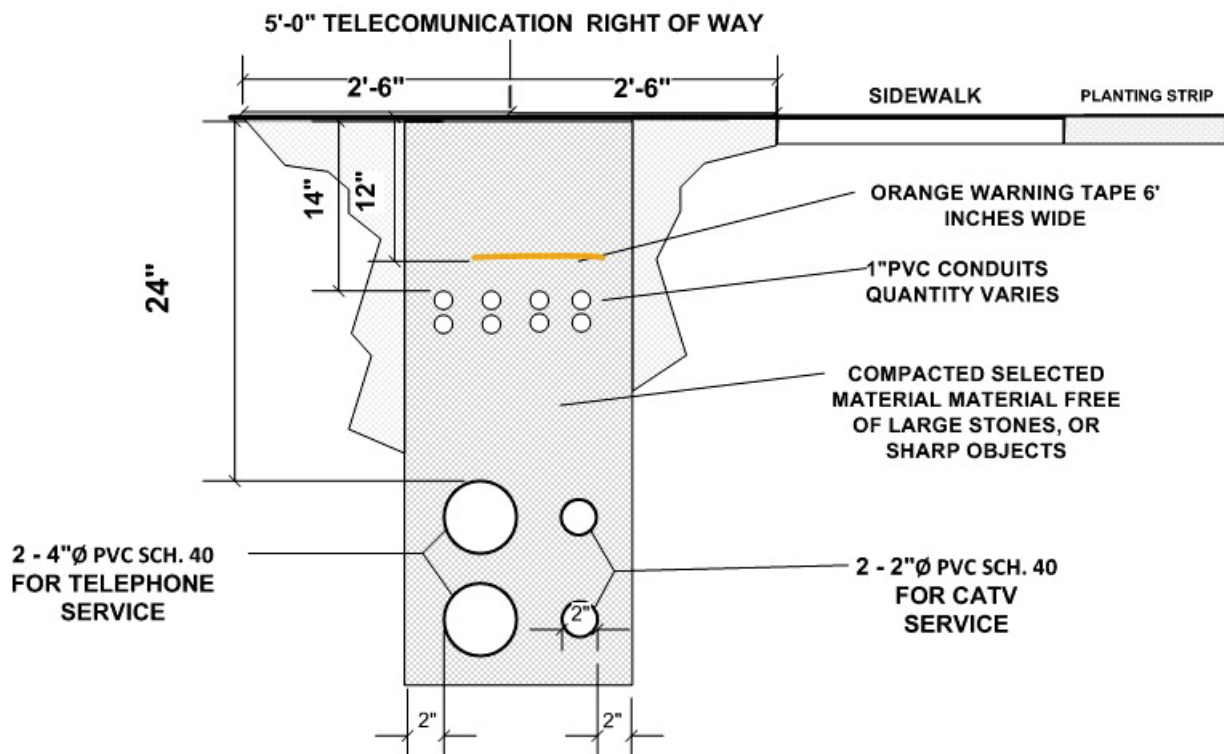
31. La Junta Reglamentadora de Telecomunicaciones de P.R. podrá emitir endosos parciales de obras construidas en proyectos residenciales (unifamiliares, casas en hileras, casas de patio, etc.) para que los desarrolladores puedan entregar por secciones las unidades de viviendas completadas. Una vez completado el proyecto el desarrollador deberá proceder conforme a la Sección 5.02.6 del Reglamento de la JRTPR para el endoso final de obra construida.
32. El desarrollador, según se emitan los endosos parciales de obra construida, permitirá de manera concertada la instalación de sistemas de distribución de servicios de telecomunicaciones (teléfono y CATV) a los proveedores de servicios autorizados por la JRTPR para el proyecto en cuestión.
33. El desarrollador deberá coordinar con los proveedores de servicios de telecomunicaciones (teléfono y CATV) y con la Autoridad de Energía Eléctrica la instalación de "risers", la terminación y/o conexión de conductos, el acceso y cualquier otra intervención en las facilidades de estos.
34. El desarrollador coordinará con los proveedores de servicios de telecomunicaciones (teléfonos y CATV) y cualquier otra entidad pública o privada la remoción, relocalización y/o modificación de facilidades o líneas de estos que se afecten por el proyecto.
35. Será responsabilidad del desarrollador asignar un ingeniero ó arquitecto como inspector del proyecto, que certifique las obras de construcción, utilizando el formulario JRTPR F-102; y deberá obtener la aceptación de la JRTPR previo a solicitar el permiso de uso a la agencia de Administración de Reglamentos y Permisos (ARPE).
36. En Edificios comerciales se requieren dos gabinetes o paneles principales de distribución para Telecomunicaciones; uno para servicio Telefónico y otro para servicio de CATV. Estos gabinetes se ubicarán en un cuarto ó área designada para Telecomunicaciones. Deberán cumplir con las siguientes especificaciones:
 - a. Panel de madera tratada de 4' x 8' x ¾" pintado con dos (2) capas de pintura resistente al fuego.
 - b. Gabinetes de Metal de un tamaño mínimo de 36"x24"x 6"(teléfono) y 36"x 36"x 6"(CATV). Los gabinetes estarán provistos de un panel de madera tratado de ¾" de espesor, tirador con cerradura y acceso por completo por el frente.

Leyenda

TELECOMMUNICATIONS LEGEND	
	TELECOMMUNICATIONS RIGHT OF WAY - 5 FT WIDE
	2" Ø AND/OR 4" Ø SCH40 (MIN) CONDUITS FORMATION (AS INDICATED ON PRINTS)
	PVC FORMATION ONE END CAPPED
	TELECOMMUNICATIONS SPLICING BOX 6' X 6' X 7' INSIDE MEASUREMENTS
	TELECOMMUNICATIONS SPLICING BOX 7'x4'-6"x4' / 6' X 4' X 4' INSIDE MEASUREMENTS
	TELECOMMUNICATIONS SPLICING BOX 4' X 4' X 4' INSIDE MEASUREMENTS
	TELECOMMUNICATIONS SPLICING / DISTRIBUTION BOX 3' X 3' X 3' INSIDE MEASUREMENTS
	4" X 2" X 2-1/8" FLUSH MUNTED WALL TELEPHONE OUTLET WITH COVE PLATE
	4" X 2" X 2-1/8" FLUSH MDUNTED WALL CATV OUTLET WITH COVER PLATE
	1" Ø SCH 40 CONDUIT FOR INDIVIDUAL RESIDENCE
 45Ft.	NEW PREPA CONCRETE/WOOD POLE 45 FT.
 30 Ft.	NEW TELECOMMUNICATIONS CONCRETE / WOOD POLE 30 FT.
	TELEPHONE DISTRIBUTION POINT
	CATV DISTRIBUTION POINT

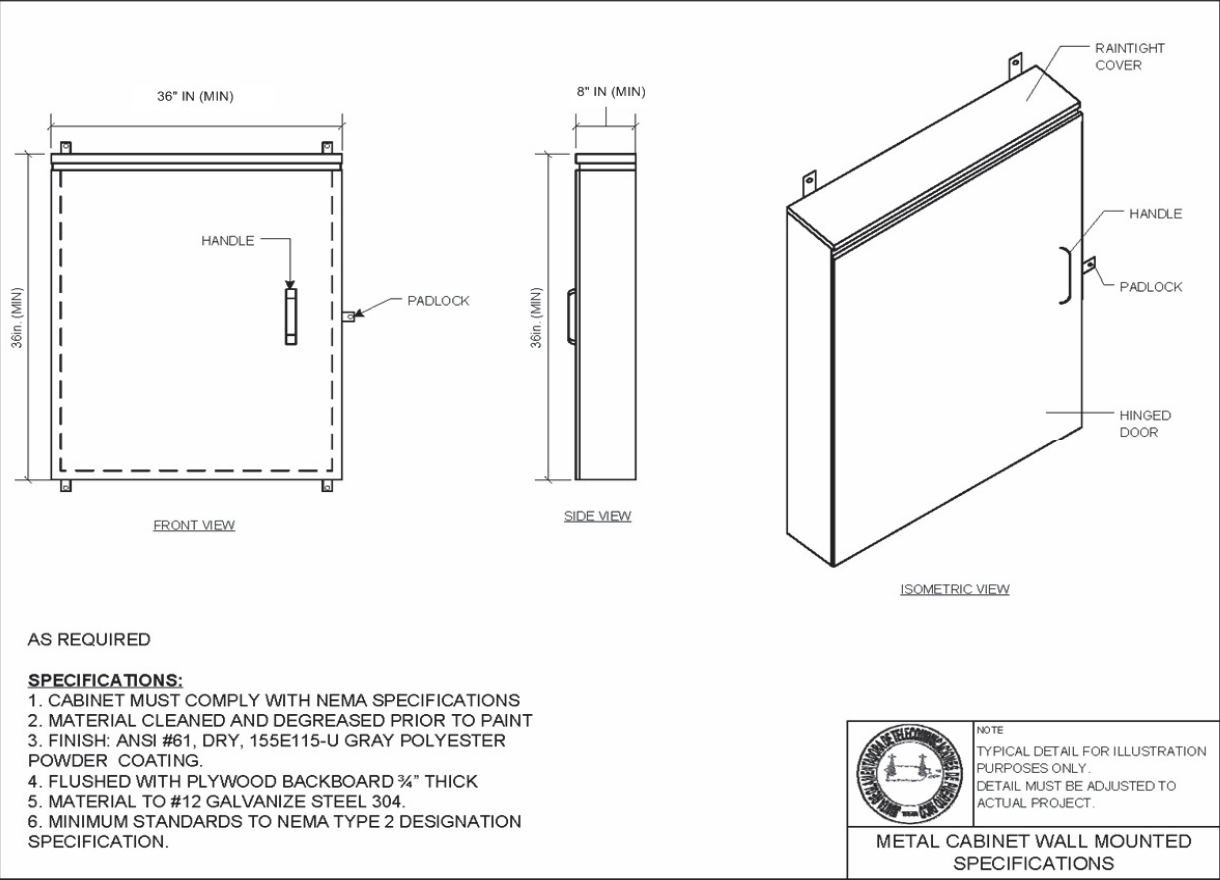


Corrida de conductos en servidumbre de Paso



BURIED TRENCH DETAIL 2-2"Ø, 2-4"Ø & 8-1"Ø
AT RIGHT OF WAY

Detalle típico de Gabinete para CATV: Edificio Residencial



Detalle típico de Gabinete para Teléfono Edificio Residencial

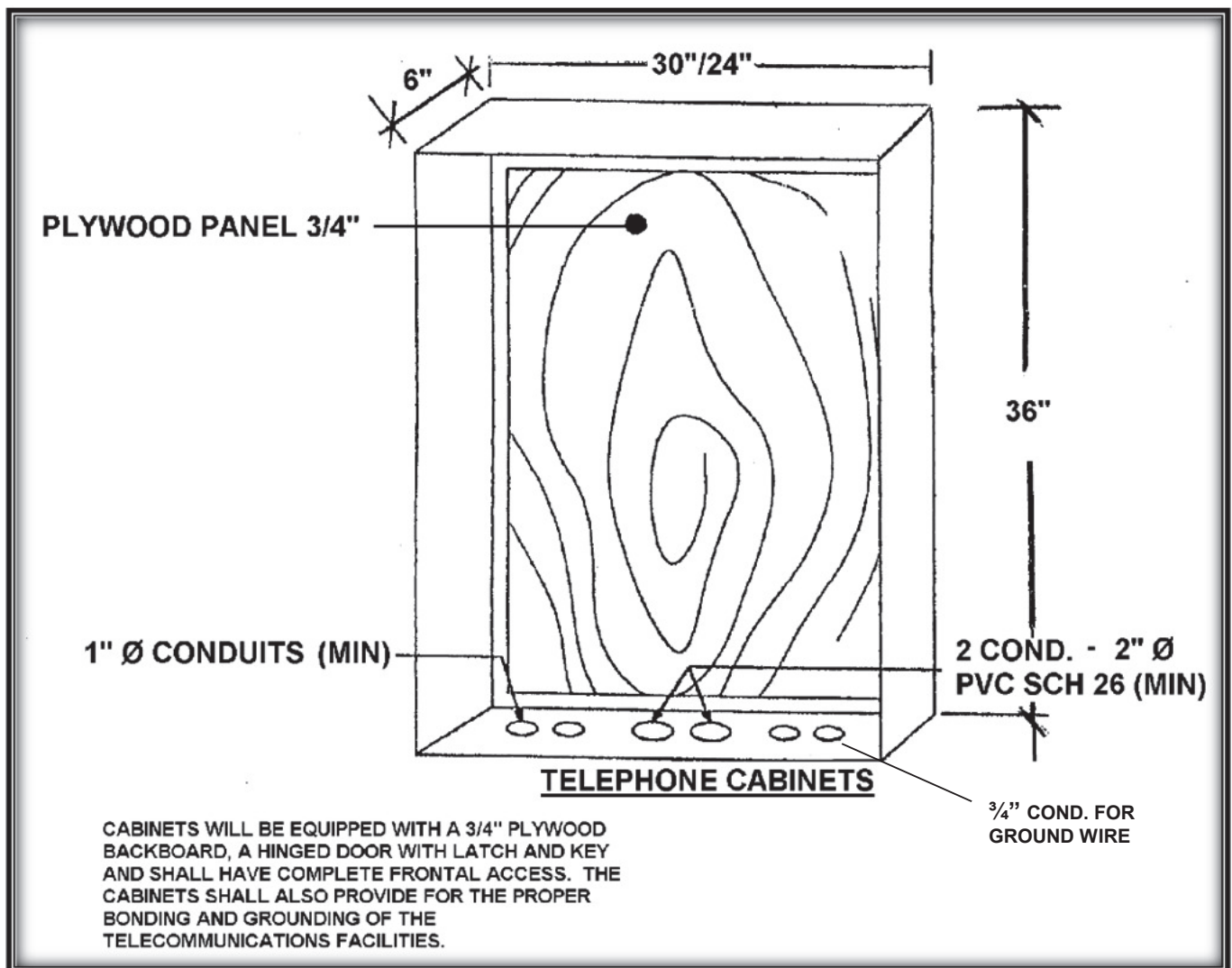


Exhibit 19. Archeology and Historic Conservation by General Permit Office of PR Multidisciplinary Center, Veve Calzada, PR-CRP-000890, Fajardo/ Coordinates (lat/long): 18.33258253°, -65.65821514°



GOBIERNO DE PUERTO RICO
Departamento de Desarrollo Económico y Comercio
Oficina de Gerencia de Permisos

Número de Caso:
2023-488368-SRA-068465

Recomendaciones

Mejoras a Centro Multidisciplinario Veve Calzada- PR-CRP-000890

Datos de Localización

De acuerdo a la información suministrada se propone una actividad: Público con Contratación Privada en:

Dirección Física

MEJORAS A CENTRO
MULTIDISCIPLINARIO VEVE CALZADA
Fajardo Puerto Rico, 00738

Número(s) de Catastro

150-025-581-02

Calificación

Distrito(s) de Calificación: DT-P

Distrito en el Mapa de Inundabilidad: X

Tipo de Suelo: SNS

Dueño

MUNICIPIO AUTÓNOMO DE FAJARDO

Cabida

Cabida según escritura: 11527.56 metros cuadrados

Arqueología y Conservación Histórica

COMENTARIO DACH-ICP A CASO NÚM: 2023-488368-SRA-068465-- PROYECTO: Mejoras a Centro Multidisciplinario Veve Calzada- PR-CRP-000890-- I. BASE LEGAL: Se emite el siguiente comentario en base a la Ley 374 del 14 de marzo de 1949, según enmendada, Ley de Zonas Antiguas o Históricas y Zonas de Interés Turístico, Ley 3 del 2 de marzo de 1951, Ley de Edificios y otras Estructuras Históricas y la Ley 89 del 21 de junio de 1955, según enmendada, conocida como Ley Orgánica del Instituto de Cultura Puertorriqueña y la Ley 161 del 1 de diciembre de 2009, conocida como Ley para la Reforma del Proceso de Permisos de Puerto Rico. Estas leyes le confieren jurisdicción sobre los siguientes asuntos: 1. Edificios, lugares y zonas incluidas en el Registro de Sitios y Zonas Históricas de Puerto Rico de la Junta de Planificación (REGLAMENTO CONJUNTO PARA LA EVALUACIÓN Y EXPEDICIÓN DE PERMISOS RELACIONADOS AL DESARROLLO, USO DE TERRENOS Y OPERACIÓN DE NEGOCIOS); 2. Edificios, lugares y zonas declaradas históricas a través de legislación (o de resolución de la JUNTA DE DIRECTORES DEL ICP); 3. Plazas de recreo y edificios circundantes (REGLAMENTO CONJUNTO PARA LA EVALUACIÓN Y EXPEDICIÓN DE PERMISOS RELACIONADOS AL DESARROLLO, USO DE TERRENOS Y OPERACIÓN DE NEGOCIOS); 4. Propiedades zonificadas "P" construidas previo a 1960 (RESOLUCIÓN JPE-25 Y RESOLUCIÓN JPE-047); 5. Propiedades zonificadas "CRH", "SH" o "R-ZH"- Según REGLAMENTO CONJUNTO PARA LA EVALUACIÓN Y EXPEDICIÓN DE PERMISOS RELACIONADOS AL DESARROLLO, USO DE TERRENOS Y OPERACIÓN DE NEGOCIOS; 6. Propiedades elegibles a sitios históricos; propiedades de valor histórico que satisfacen los criterios de elegibilidad como sitios históricos para ser designada como tal individualmente (LEY NÚM. 89 DE 1955; REGLAMENTO CONJUNTO PARA LA EVALUACIÓN Y EXPEDICIÓN DE PERMISOS RELACIONADOS AL DESARROLLO, USO DE TERRENOS Y OPERACIÓN DE NEGOCIOS); II. PROGRAMA DE PATRIMONIO HISTORICO EDIFICADO (PPHE): ICP-PPHE: NO OBJECION. De acuerdo a nuestros expedientes y la información provista: 1. Se propone realizar mejoras y reparaciones al centro comunitario/ centro multidisciplinario Veve Calzada en Fajardo. La huella no será alterada y tampoco se incrementará la infraestructura existente. 2. Según el memorial, por cuanto el proyecto no aumentara la infraestructura existe el proponente pide excepción de los permisos de construcción. Sin embargo, en la página de internet (El Centro Comunal de Veve... - José Aníbal "Joey" Meléndez | Facebook), se muestran





Recomendaciones

Mejoras a Centro Multidisciplinario Veve Calzada- PR-CRP-000890

unos "renders" donde la propiedad en cuestión exhibe una intervención y remodelación total, bajo el nombre de Centro Comunal de Veve Calzada. 3. El proponente no presentó: a. Memorial explicativo: con datos históricos del proyecto b. Evidencia válida de que es el dueño de la propiedad o cuenta con la autorización del dueño para ejecutar la obra; entiéndase escrituras de la propiedad. c. Plano de situación del proyecto d. Juego de Planos de Construcción e. Fotos del predio y de las estructuras o remanentes de estructuras existentes en la propiedad y en el contexto inmediato. 4. La propiedad no es al momento Sitio Histórico designado, ni es parte de una Zona Histórica, según estos conceptos están definidos por el tomo XII (12), parte III, definiciones S-67, Z-12[=13] y Z-13[=14], y elaborados en el tomo X (10), del Reglamento Conjunto. 5. No es un Monumento Histórico declarado según este concepto está definido por el Tomo XII, Glosario de la Junta de Planificación, parte III, definición M-55 del Reglamento Conjunto 2020. 6. No se localiza en centro fundacional, entiéndase plaza de recreo y bloques circundantes. 7. No se localiza dentro de los límites de un centro urbano, según este concepto está definido por el Tomo XII, Glosario de la Junta de Planificación, parte III, definición C-71 del Reglamento Conjunto 2020. 8. La propiedad no presenta componentes visibles sobre la tierra con valor histórico evidente. 9. El proyecto propuesto no implica impacto adverso a recursos culturales pertenecientes al patrimonio histórico construido. En este marco de referencia, el PPHE emite su NO OBJECCIÓN al proyecto. Este comentario, no incluye los elementos a ser evaluados por el Programa de Arqueología y Etnohistoria del ICP. La Ley 161-2009, según enmendada, Artículo 19.6, enmienda las Secciones 2 y 3 de la Ley Núm. 112 de 20 de julio de 1988, según enmendada, conocida como "Ley de Protección del Patrimonio Arqueológico Terrestre de Puerto Rico", a los fines de transferir al Instituto de Cultura Puertorriqueña toda facultad, deber u obligación referente a la evaluación para la otorgación o denegación de determinaciones finales o permisos, esto en coordinación con la Oficina de Gerencia de Permisos. Este documento tiene vigencia de un año a partir de su expedición. III. PROGRAMA DE ARQUEOLOGIA Y ETNOHISTORIA (PAE). Base Legal: La Ley 161-2009, según enmendada, Artículo 19.6, enmienda las Secciones 2 y 3 de la Ley Núm. 112 de 20 de julio de 1988, según enmendada, conocida como "Ley de Protección del Patrimonio Arqueológico Terrestre de Puerto Rico", a los fines de transferir al Instituto de Cultura Puertorriqueña toda facultad, deber u obligación referente a la evaluación para la otorgación o denegación de determinaciones finales o permisos, esto en coordinación con la Oficina de Gerencia de Permisos. El Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operaciones de Negocios (RC-2020); registrado en el Departamento de Estado de Puerto Rico bajo el Número 9233 con vigencia de 2 de enero de 2021, establece, entre otros, lo siguiente: a. Regla 2.1.8, Sección 2.1.8.7, Inciso "b": Todo proyecto público o privado que conlleve movimiento de terreno, excavación, extracción de corteza terrestre o construcción, reconstrucciones o canalizaciones deberá solicitar a la División o Unidad de Evaluación Ambiental (DECA) la recomendación del ICP sobre Arqueología y Conservación Histórica, ya sea a través de la OGPe, los Municipios Autónomos con Jerarquía 1 a la III o el Profesional Autorizado. b. CAPÍTULO 10.2, Sección 10.2.1.2 se requerirá la recomendación del ICP en todos los Permisos relacionados con construcción, reconstrucción, trabajos de excavación, extracción o movimiento de tierras en lugar alguno del que haya documentación previa o indicios fidedignos de presencia de material arqueológico. Incluye los centros fundacionales de los municipios, entiéndase, plaza de recreo y bloques circundantes, conforme a la Ley 89-1955, supra, Sección 4. —Propósitos, Funciones y Poderes del Instituto. (18 L.P.R.A. sec. 1198) y la Ley Número 112 del 20 de julio de 1988, conocida como la "Ley de





Recomendaciones

Mejoras a Centro Multidisciplinario Veve Calzada- PR-CRP-000890

Protección del Patrimonio Arqueológico Terrestre", según enmendada. IV. EVALUACIÓN PROGRAMA DE ARQUEOLOGIA Y ETNOHISTORIA: ICP-PAE: AUTORIZACIÓN. ICP PAE: ---AUTORIZACION--- El Programa de Arqueología y Etnohistoria (PAE) del Instituto de Cultura Puertorriqueña (ICP) evaluó los documentos relacionados al proyecto en referencia, recibidos a través de la Oficina de Gerencia de Permisos (OGP). La evaluación realizada sugiere que, basado en los datos existentes al presente, las probabilidades de impactar un recurso arqueológico, según definido por la Ley 112 del 20 de julio de 1988, según enmendada, son mínimas. Por lo tanto, en lo concerniente a recursos culturales de naturaleza arqueológica, no tenemos objeción al proyecto según fue radicado y evaluado. Le notificamos que el proponente queda sujeto a las responsabilidades y obligaciones que impone la Ley 112 del 20 de julio de 1988, según enmendada. Esta establece que, se deberá paralizar todo tipo de actividad de excavación, movimiento y remoción de corteza terrestre, y notificar en un plazo de veinticuatro (24) horas al Programa de Arqueología y Etnohistoria, en caso de que, durante el desarrollo del proyecto, se descubra o impacte algún depósito, elemento, estructura o vestigio de naturaleza arqueológica. Se le apercibe que el incumplimiento de estos requerimientos será objeto de sanciones administrativas según lo establecido en las citadas leyes. Esta autorización tiene vigencia de un (1) año. V. RECOMENDACIÓN: La División de Arqueología y Conservación Histórica de la OGPe emite una AUTORIZACIÓN PARCIAL para el proyecto propuesto según establecido y bajo las condiciones emitidas por el Programa de Patrimonio Histórico Edificado y el Programa de Arqueología y Etnohistoria del ICP. Se le apercibe que el incumplimiento de estos requerimientos será objeto de sanciones administrativas, según lo establecido en las citadas leyes.

Condiciones Especiales

NINGUNA

Condiciones Generales

Esta recomendación es solamente aplicable a la situación de hechos y los datos según presentados y evaluados en el caso. La OGPe se reserva el derecho de reevaluar, variar o modificar el mismo en cualquier momento anterior a la emisión del permiso o la acción administrativa correspondiente por parte de la agencia solicitante o proponente cuando surja nueva información oficial específica estableciendo que el derecho aplicable o las condiciones ambientales en el predio han cambiado sustancialmente, o cuando la recomendación original se emitió bajo premisas falsas o fraudulentas.

Las vigencias de las diferentes agencias del proceso de recomendación serán las establecidas en los comunicados que estas emiten conforme a sus reglamentos.

Firma / Sellos

Fecha de Expedición:

02/JUN/2023


Lcdo. Félix E. Rivera Torres
Secretario Auxiliar
Departamento de Desarrollo Económico y Comercio de Puerto Rico
Oficina de Gerencia de Permisos
Lcdo. Félix E. Rivera Torres
Secretario Auxiliar de la OGPe

