



Environmental Review for Activity/Project that is Categorically Excluded Subject to Section 58.5 Pursuant to 24 CFR 58.35(a)

Project Information

Project Name: Mejoras a Plaza Pública RBdC, (PR-CRP-000434)

Responsible Entity: Puerto Rico Department of Housing (PRDOH)

Grant Recipient: Municipality of Juana Díaz

State/Local Identifier: Puerto Rico

Preparer: Ramón Gustavo Luna Miranda BSCE, MEM, (Environmental Specialist)

Certifying Officer Name and Title:

Aldo A. Rivera Vázquez- Permits and Environmental Compliance Director
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Abdul Feliciano-Plaza: Permits and Environmental Compliance Specialist
Javier Mercado-Barrera: Permits and Environmental Compliance Specialist
Priscilla Toro-Rivera - Permits and Environmental Compliance Specialist

Consultant: Ramón G. Luna Miranda, ROV Engineering Services, PSC

Direct Comments to: Puerto Rico Department of Housing
(environmentcdbg@vivienda.pr.gov)

Project Location: 18.053032, -66.505785/Street PR-14, Km 14, Juana Díaz P.R 00795
No. Cadaster: 366-030-025-01.

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

The project aims to establish a comprehensive strategy for revitalization, focusing on leveraging heritage values as the primary catalyst for economic and social development. Alongside heritage restoration, the revitalization of the urban center entails the integration of social and cultural amenities, aimed to enhance livability to attract both residents and visitors to the municipality. This significant transformation involves, a redesign of the space to prioritize pedestrian and sustainable modes of transportation, fostering shared and environmentally friendly uses of public areas. The goal is to promote community gatherings and interactions between residents and visitors through innovative measures that support the economic growth of local businesses. Pedestrian mobility will be emphasized through the transformation of both the Román Baldorioty de Castro Public Plaza and the Ruta de Los Tres Santos Reyes.

The proposed project consists of renovations to the public plaza Román Baldorioty de Castro including repaving the adjacent parking areas to connect the entrance to the Plaza with the “Route of the Holy Kings” route, new flooring on the western side of the plaza to match the existing flooring, new sidewalks and curbing to include ADA ramps, removing the lateral fountains, rebuilding the central fountain, electrical and plumbing upgrades, replacing the current light poles, new urban furniture (benches, trash cans, bike rack), a plaque to commemorate the poet Luis Llorens Torres, a new base for the statue of the three holy kings, a shade pergola at the northeast area of the square between existing trees, new planters and landscaping. The work will include renovations to floors and sidewalks. Green areas will be redesigned to provide areas more functional for public use. The electrical system will be reinforced with new technologies and more resilient to achieve a more adequate distribution. The iconic statue of the Holy Kings, which is now a molding, will be made of a more resistant material to prevent future damage. In addition, permanent anchoring elements will be installed in different spaces to facilitate Christmas decorations and the annual celebration of the Three Kings Festival. Refer to Location Map in Exhibit 1.

Level of Environmental Review Determination:

Categorically Excluded per 24 CFR 58.35(a), and subject to laws and authorities at § 58.35(a): 58.35(a) (1) and 58.35(a) (3) (iii).

Funding Information:

| Grant Number | HUD Program | Funding Amount |
|-----------------|-------------|------------------|
| B-17-DM-72-0001 | CDBG-DR | \$11,938,162,230 |
| B-18-DP-72-0001 | | |
| B-19-DP-78-0002 | | |
| B-18-DE-72-0001 | | |

Estimated Total HUD Funded Amount: \$2,121,859.21

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$2,137,521.21

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 or approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

| Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6 | Are formal compliance steps or mitigation required? | Compliance determinations |
|--|---|--|
| STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.6 | | |
| Airport Hazards 24 CFR Part 51 Subpart D | Yes No <input type="checkbox"/> <input checked="" type="checkbox"/> | <p>The project site is located 30,888 ft from the nearest Mercedita civil airport and 229,205 ft from the closest Luis Muñoz Marín military airport. The project is not located within an FAA-designated civilian airport Runway Clear Zone (RCA) or Runway Protection Zone, or within the military Airfield Clear Zone (CZ) or Accident Potential Zone/Approach Protection Zone (APZ). Therefore, the project is in compliance with Airport Hazards requirements per 24 CFR Part 51 Subpart D.</p> <p>Refer to Airports Map in Exhibit 2.</p> |
| Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501] | Yes No <input type="checkbox"/> <input checked="" type="checkbox"/> | <p>According to the U.S. Fish and Wildlife Service Coastal Barrier Resources System Mapper, the project site is not located in any the Coastal Barrier Zone of Puerto Rico. The project site is located 23,866 ft from the nearest coastal barrier resource system. Therefore, the project has no potential to impact a CBRS unit and follows Coastal Barrier Resources Act.</p> <p>Refer to Coastal Barrier Resources Map in Exhibit 3.</p> |

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| Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a] | Yes No <input type="checkbox"/> <input checked="" type="checkbox"/> | The project location is within Zone X unshaded not in the 100-year Special Flood Hazard Area (SFHA), as indicated on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Community Panel Number 72000C1670J, revised on 11/18/2009. The proposed project is not within the 100-year floodplain and would not require flood insurance. The project is in compliance with Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]. Refer to FIRMette map in Exhibit 4 |
| STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5 | | |
| Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93 | Yes No <input type="checkbox"/> <input checked="" type="checkbox"/> | The project is located in the Barrio Pueblo of the Municipality of Juana Diaz, which is in attainment status for all criteria pollutants per the EPA list of NAAQS criteria pollutants for all Puerto Rico Municipalities. This project is in compliance with the Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93. Refer to Exhibit 5 and 5A for Air Quality /Puerto Rico Nonattainment/Maintenance Status. |
| Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d) | Yes No <input type="checkbox"/> <input checked="" type="checkbox"/> | The project site is located 25,450 feet north from the Coastal Zone Land Boundary. Therefore, the project is in compliance with the Coastal Zone Management Act, sections 307(c) and (d). The project is not located in the coastal zone. Therefore, the project is following the Coastal Zone Management Act. Refer to Coastal Zone Management Map in Exhibit 6. |
| Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2) | Yes No <input checked="" type="checkbox"/> <input type="checkbox"/> | HUD policy requires the project site and adjacent areas to be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances where a hazard could affect health and safety of occupants of the |

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| | <p>property or conflict with intended use of the property. The project will not involve residents or increase in occupancy of any structure. There would be no increase in risk associated with the proposed project. Because the proposed project would not add sensitive receptors or increase density, the nearby sites of concern are not expected to result in contamination or have adverse impacts. They would not affect the health and safety of the project occupants because there are no occupants resulting from the proposed project. A review of EPA's NEPAAssist tool showed there are no records of toxic, hazardous, radioactive substances, or underground storage tanks (USTs) on Project Site.</p> <p>Within 3,000 feet of the project site there are 12 facilities regulated by the Environmental Protection Agency under the following aspects: (3) NPDES water discharge facilities, (9) Resource Conservation and Recovery Act (RCRA) sites, (2) ICIS-AIR sites, and (1) Toxics Release Inventory (TRI) site. USEPA's Superfund, Envirofacts, and Enforcement and Compliance History Online (ECHO) reports were reviewed for more detailed information on statuses of these facilities. These sites do not have any releases reported or any EPA formal or informal action reported for the last five years in EPA's ECHO Detailed Facility Reports.</p> <p>HUD issued Notice CPD-23-103 on January 11, 2024, regarding Departmental Policy for Addressing Radon in the Environmental Review Process. The Notice intends to clarify that radon must be considered in the Environmental Review analysis for all HUD funded projects.</p> <p>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</p> |
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| | | <p>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.</p> <p>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 abovementioned reasons, Radon testing is infeasible and impracticable for this property, and no further consideration of Radon is needed for the environmental review. and associated agency correspondence found in Exhibit 7A.</p> <p>During the initial field inspection held on February 23, 2022, it was determined that a LBPs and ACMs test should be performed. Assessments for asbestos containing materials (ACMs) and lead-based paints (LBPs) were conducted by Global Environmental Services, LLC on March 1st, 2023. ACM was not detected. LBP was found at the curbs. According to PRDRNA Lead regulations, prior to disturbing LBP in a structure, the contaminated surfaces or substrates must be abated or removed. The firm providing the abatement services must be certified by the PRDRNA.</p> <p>The proposed project activities do not include any contaminated materials, nor will there be exposure to contaminated materials or toxins from surrounding sites. Refer to Exhibit 7 for Toxic and Contamination Substance Map, Exhibit Exhibits 7-1 to 7-12 for Toxic and Contamination Substances supporting documents, and Exhibit 7A for Memo for Justification for the Infeasibility and Impracticability of Radon Testing, and Exhibit 7B for LBPs and ACMs Assessment documents.</p> |
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| | | Therefore, the project is in compliance with the Contamination and Toxic Substances regulations, 24 CFR Part 50.3(i) & 58.5(i)(2). |
| Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402 | Yes No <input checked="" type="checkbox"/> <input type="checkbox"/> | <p>Per the Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website, the Puerto Rican Boa can be found but there are no critical habitats at this location. Project will have no potential to affect species or habitats due to the nature of the activities involved in the project and qualifies under blanket clearance letter approved by USFWS on March 10, 2024.</p> <p>If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers will be notified for safe capture and relocation of the animal, in accordance with the USFW Puerto Rican Boa Conservation Measures guidelines.</p> <p>The project is in compliance with the Endangered Species Act. Refer to Exhibit 8 Critical Habitat Map and 8A for Endangered Species supporting documents.</p> |
| Explosive and Flammable Hazards 24 CFR Part 51 Subpart C | Yes No <input type="checkbox"/> <input checked="" type="checkbox"/> | <p>The proposed Project does not include a hazardous facility that mainly stores, handles, or processes flammable or combustible chemicals such as bulk fuel storage. Planned activities at the project area do not include installation of storage tanks. The scope of the proposed project does not include development, construction, conversion, or rehabilitation activities that would increase residential densities. The project would not introduce new housing. The project will not introduce new residents, employees or clients during the daytime hours who could be exposed to explosive or flammable hazards. A desktop aerial</p> |

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| | | <p>photograph review revealed no large aboveground storage tanks (AST) within 1 mile of the project site. Therefore, the project is following the Explosive and Flammable Hazards requirements.</p> <p>Refer to Exhibit 9 for Explosive and Flammable Hazards Map.</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 site does not include prime or unique farmland, or other farmland of statewide or local importance as identified by the U.S. Department of Agriculture, Natural Resources Conservation Service NRCS (formerly the Soil Conservation Service). The soils are classified as "Urban" by the NCRS. The project is outside agricultural reserves, experiment stations, soil classified as agricultural capacity or classified as prime agricultural land. The soils are classified as no prime farmland.</p> <p>Therefore, the project complies with the Farmland Land Protection Policy Law. Refer to Farmlands Protection Map in Exhibit 10.</p> |
| <p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p> | <p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p> | <p>The Project site is not in a floodplain, as indicated on the Advisory Base Flood Elevation map. The project site is within the Zone X (Unshaded) area of minimal flood hazard. Hence, the proposed project is not located in a floodplain.</p> <p>The Project is in compliance with Executive Order 11988. No formal compliance steps or mitigation are required.</p> <p>See Base Flood Elevations (ABFE) map included in Exhibit 11.</p> |
| <p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p> | <p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p> | <p>Consultation was made with the Puerto Rico State Historic Preservation Office (SHPO) related to the proposed activities. In letter of January 14, 2025, determination that the proposed project will have no adverse effect on historic properties for this undertaking conditioned to an archaeological</p> |

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| | | <p>monitoring during all ground disturbing activities for the project. On April 10, 2025, PRDOH submitted a Work Plan for Archaeological Monitoring to SHPO. This agency concurred with the plan on April 29, 2025. The Project is in compliance with the National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800.</p> <p>Refer to SHPO conditioned determination in Exhibit 12.</p> |
| <p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p> | <p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p> | <p>The proposed project does not involve establishment of new residences, an increase in residents, or introduction of other noise sensitive uses. The project does not require further evaluation under HUD's noise regulation. The noise that will be produced during construction is generated by the operation of construction equipment. All equipment and machinery will have noise dampers maintained in accordance with manufacturer's recommendations to control noise generation. Construction activities will be carried out during the day and have minimal impacts on the neighboring community. The noise levels attributable to construction activities will be temporary in nature and is not expected to exceed 65 dBA. Therefore, the project complies with Noise Abatement and Control requirements.</p> |
| <p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p> | <p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p> | <p>The project is not located within a U.S. EPA-designated sole source aquifer watershed area (including stream flow source areas). According to the information published by the United States Environmental Protection Agency (USEPA) in the Interactive Map of Single Source Aquifers (SSA), there are no Single Source Aquifers in Puerto Rico with the closest being in Florida, USA. Therefore, the project complies with this regulation. See Sole Source Aquifers Map in Exhibit 13.</p> |

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| Wetlands Protection Executive Order 11990, particularly sections 2 and 5 | Yes No <input type="checkbox"/> <input checked="" type="checkbox"/> | The project does not require compliance with 8-step decision-making at 24 CFR Part 55.20 or the 5-step decision-making at 24 CFR 55.12(a). The proposed project is located at 0.25 miles from the Freshwater Pond located to the south. Project activities that involve the repair or reconstruction of existing infrastructure in the previously developed area do not produce direct or indirect permanent impacts on wetlands. Therefore, the project is following the Executive Order 11990, particularly sections 2 and 5. See Wetlands Protection Map in Exhibit 12. |
| Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c) | Yes No <input type="checkbox"/> <input checked="" type="checkbox"/> | According to the National Wetlands Inventory (NWI) database, the project area is not within or adjacent to wetlands. Therefore, the project is in compliance with Wetlands Protection requirements. See Wetlands Map in Exhibit 14. |
| ENVIRONMENTAL JUSTICE | | |
| Environmental Justice Executive Order 12898 | Yes No <input type="checkbox"/> <input type="checkbox"/> | On January 21, 2025, President Donald Trump issued the Executive Order 14173 titled "Ending Illegal Discrimination and Restoring Merit-Based Opportunity", which revoked Executive Order 12898 and eliminated federal mandates requiring agencies to assess environmental justice impacts. Consequently, there is no longer a federal requirement to address environmental justice concerns in the environmental compliance review process. |

Field Inspection: 2/23/2022 by Ramón G. Luna Miranda

Summary of Findings and Conclusions:

Based on the information and evaluation provided in this document and in compliance with the statutes, executive orders and regulations listed at 24 CFR 50.4, 58.5 and 58.6, the proposed action do not have any adverse effects on the environment nor is there the requirement for further consultation with federal agencies associated with the topics

evaluated. There are no environmental review topics addressed above that result in the need for additional formal compliance steps with federal agencies or the requirement for mitigations other than those listed below. There may be additional approvals or permits from local agencies. For example, the Office of Permit Management (OGPe) is responsible for granting permits, licenses, certifications, consultations, construction, and any other procedure necessary for business development and land use in Puerto Rico. In addition, the Project is anticipated to provide overall beneficial effect to the Municipality of Isabela by addressing the social and recreational needs of the population.

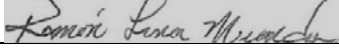
Mitigation Measures and Conditions [40 CFR 1505.2(c)]

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 |
|---|---|
| Endangered Species | Conservation measures for the Puerto Rican Boa need to be implemented if the Boa is encountered during construction. |
| Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2) | LBP components were identified in the LBP Survey would be removed during the demolition of the existing building in project site. The applicable federal and state regulations would be followed during the building renovation to protect worker safety and to provide abatement, storage, and disposal of LBP elements. The firm providing the abatement services would be certified by the PRDRNA. |
| Solid Waste Disposal / Recycling | Salvaging/recycling of materials shall be as determined feasible with other program requirements. A solid waste management plan shall be developed and implemented. |
| SHPO | SHPO concurred with finding of no adverse effect pursuant an archaeology monitoring work plan reviewed by SHPO and that the archaeological monitoring be conducted by an SOI qualified archaeologist during all ground disturbing activities. |

Determination:

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

Preparer Signature:  Date: 05/08/2025
Name/Title/Organization: Ramón Gustavo Luna Miranda / ROV Engineering Services, PSC

Responsible Entity Agency Official Signature (Certifying Officer):

Date: May 14, 2025

Name/Title: Mónica M. Machuca Ríos / 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).

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.** Location Map
- Exhibit 2.** Airport Hazards Map
- Exhibit 3.** Coastal Barrier Resources Act Map
- Exhibit 4.** Flood Insurance Map
- Exhibit 5.** Air Quality / Puerto Rico Nonattainment/Maintenance Status Map
- Exhibit 5A.** Air Quality / Puerto Rico Nonattainment/Maintenance Status List
- Exhibit 6.** Coastal Zone Management Map
- Exhibit 7.** Toxic and Contamination Substances Map
 - Exhibit 7-1** Detailed Facility Report
 - Exhibit 7-2** Detailed Facility Report
 - Exhibit 7-3** Detailed Facility Report
 - Exhibit 7-4** Detailed Facility Report
 - Exhibit 7-5** Detailed Facility Report
 - Exhibit 7-6** Detailed Facility Report
 - Exhibit 7-7** Detailed Facility Report
 - Exhibit 7-8** Detailed Facility Report
 - Exhibit 7-9** Detailed Facility Report
 - Exhibit 7-10** Detailed Facility Report
 - Exhibit 7-11** Detailed Facility Report
 - Exhibit 7-12** Detailed Facility Report
 - Exhibit 7A** Memo for Justification for the Infeasibility and Impracticability of Radon Testing
 - Exhibit 7B** Asbestos and Lead-Based Assessment
 - Exhibit 7C** Field Inspection Report
- Exhibit 8.** Endangered Species Documents
- Exhibit 9.** Explosive and Flammable Hazards Map
- Exhibit 10.** Farmland Protection
- Exhibit 11.** Advisory Base Flood Elevations (ABFE) Map
- Exhibit 12** Historic Preservation

- Exhibit 13.** Sole Source Aquifers Map
- Exhibit 14.** Wetland Protection Map
- Exhibit 15.** Wild and Scenic Rivers Map
- Exhibit 14.** Calification Map
- Exhibit 15.** Soil Report
- Exhibit 16.** Design drawings 100%

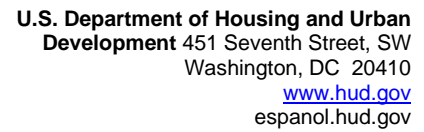


Exhibit 2: Airport Hazards Map, (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 °, -66.505785° (NAD 1983)



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



Exhibit 3: Coastal Barrier Resources Act Map, (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 °, -66.505785° (NAD 1983)

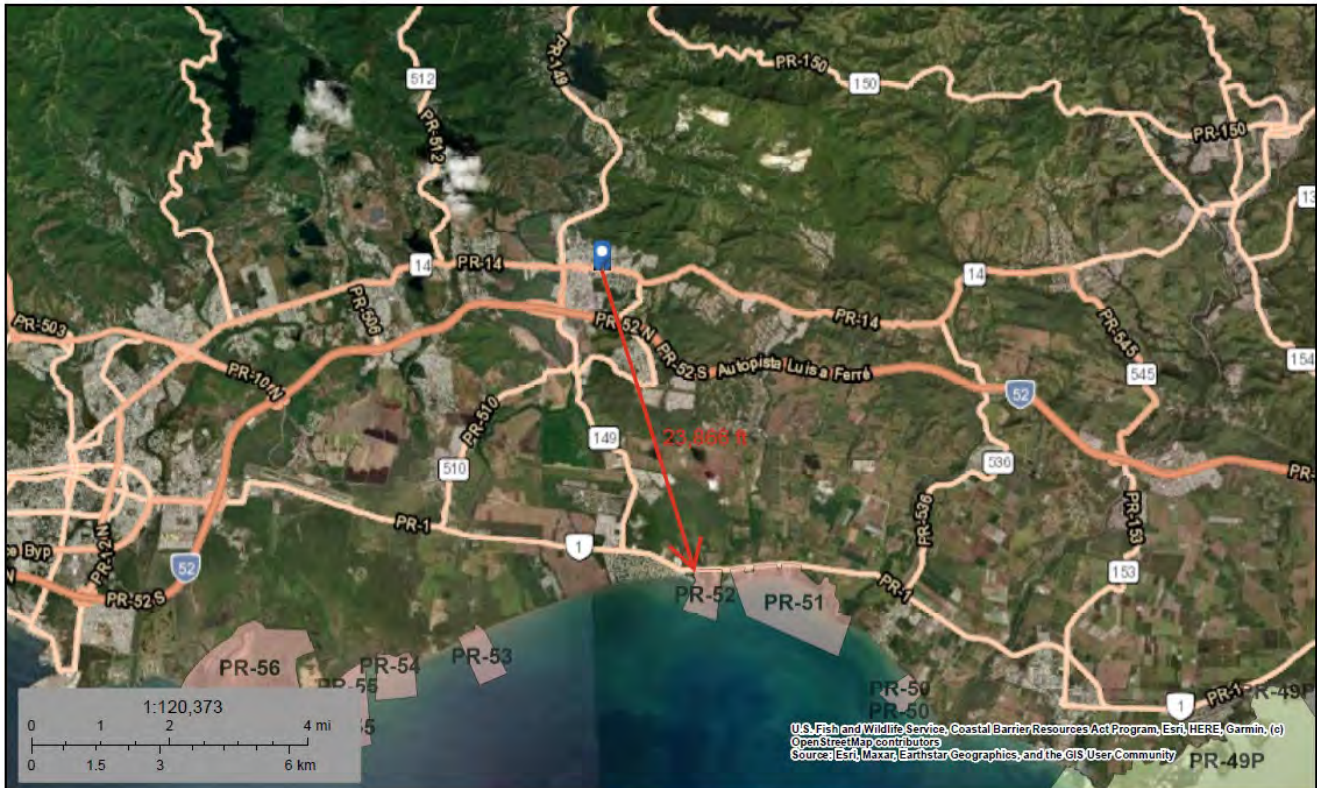


<https://fwsprimary.wim.usgs.gov/CBRSMapper-v2/>







U.S. Fish and Wildlife Service
Coastal Barrier Resources System

PR-CRP-000434



May 6, 2025

-  CBRS Buffer Zone
- CBRS Units**
-  Otherwise Protected Area
-  System Unit
-  Project Site



This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at <https://www.fws.gov/library/collections/official-coastal-barrier-resources-system-maps>. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (<https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation>) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward

This page was produced by the CBRS Mapper

Exhibit 4: Flood Insurance Map

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 °, -66.505785° (NAD 1983)



<https://www.hudexchange.info/environmental-review/flood-insurance>

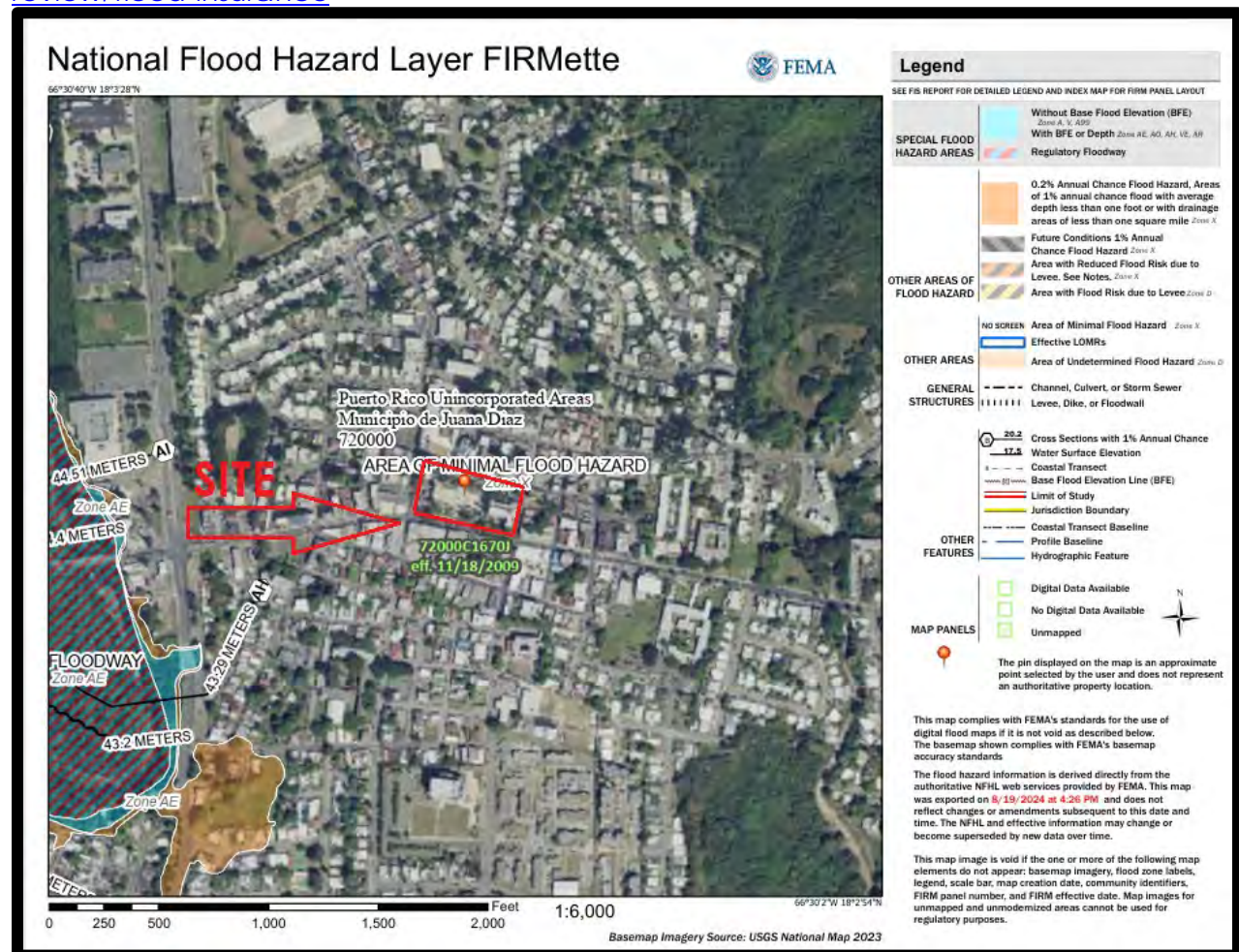


Exhibit 5: Air Quality Map, (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 °, -66.505785° (NAD 1983)



<https://www.hudexchange.info/environmental-review/air-quality>

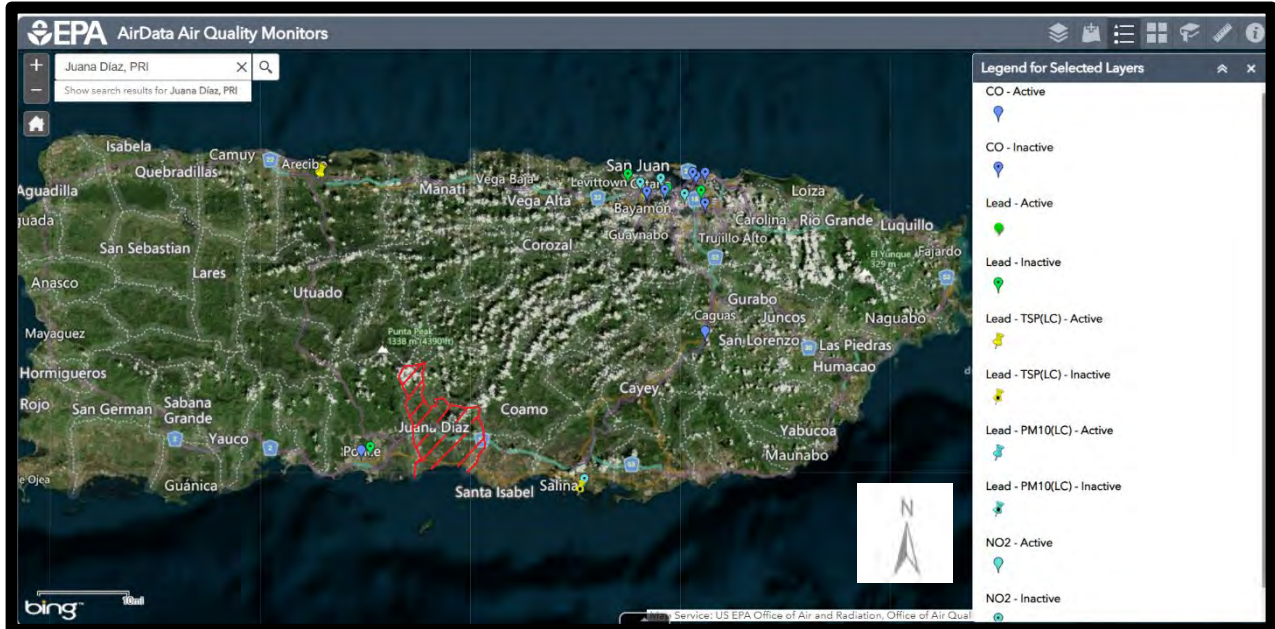
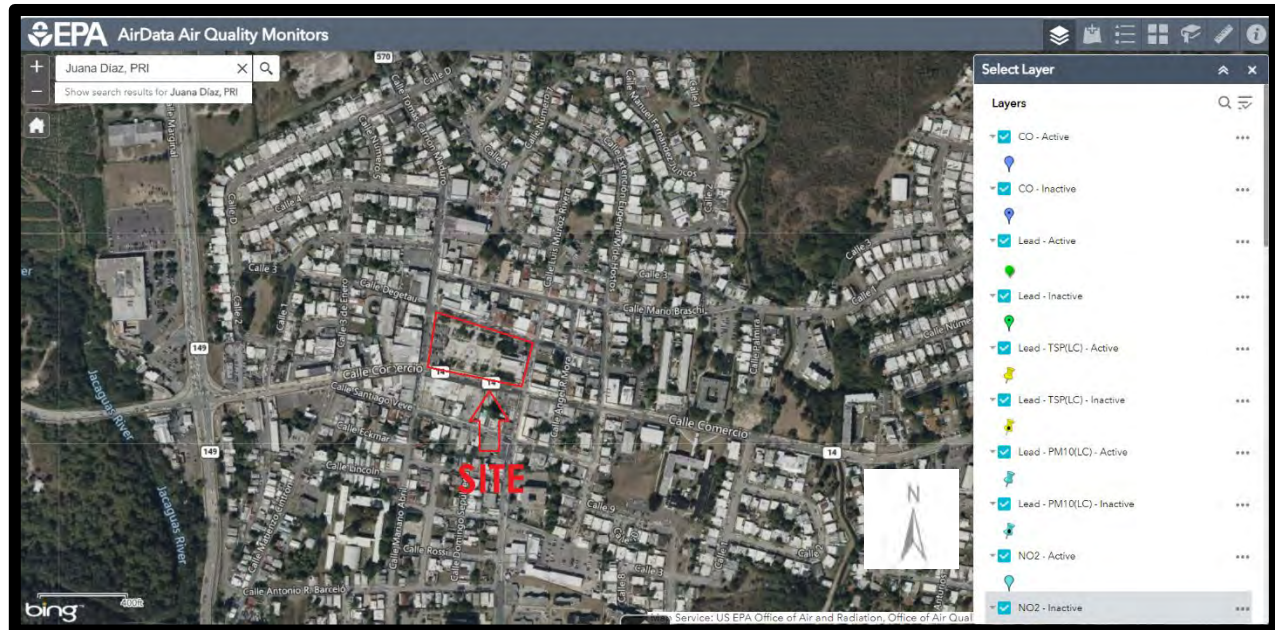


Exhibit 5A: Air Quality / Puerto Rico
Nonattainment/Maintenance Status, (PR-CRP-000434)
 Address: Street PR-14, Km 14, Juana Diaz
 Coordinates: 18.053032 ° , -66.505785° (NAD 1983)



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

Data is current as of September 30, 2023

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:

PUERTO RICO

Important Notes

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

| County | NAAQS | Area Name | Nonattainment in Year | Redesignation to Maintenance | Classification | Whole or/ Part County | Population (2010) | State/County FIPS Codes |
|---------------------------|-----------------------|----------------------|--------------------------------------|------------------------------|----------------|-----------------------|-------------------|-------------------------|
| PUERTO RICO | | | | | | | | |
| Arecibo Municipio (2008) | Lead | Arecibo, PR | 11121314151617181920212223 | // | | Part | 32,185 | 72/013 |
| Bayamon Municipio | Sulfur Dioxide (2010) | San Juan, PR | 181920212223 | // | | Part | 22,921 | 72/021 |
| Catano Municipio | Sulfur Dioxide (2010) | San Juan, PR | 181920212223 | // | | Whole | 28,140 | 72/033 |
| Guaynabo Municipio (1987) | PM-10 | Mun. of Guaynabo, PR | 929394959697989900010203040506070809 | 02/11/2010 | Moderate | Part | 90,470 | 72/061 |
| Guaynabo Municipio | Sulfur Dioxide (2010) | San Juan, PR | 181920212223 | // | | Part | 23,802 | 72/061 |
| Salinas Municipio | Sulfur Dioxide (2010) | Guayama-Salinas, PR | 181920212223 | // | | Part | 23,401 | 72/123 |
| San Juan Municipio | Sulfur Dioxide (2010) | San Juan, PR | 181920212223 | // | | Part | 147,963 | 72/127 |
| Toa Baja Municipio | Sulfur Dioxide (2010) | San Juan, PR | 181920212223 | // | | Part | 52,441 | 72/137 |

**Exhibit 6: Coastal Zone Management Map,
(PR-CRP-000434)**

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 °, -66.505785° (NAD 1983)



<https://www.onecpd.info/environmental-review/coastal-zone-management>

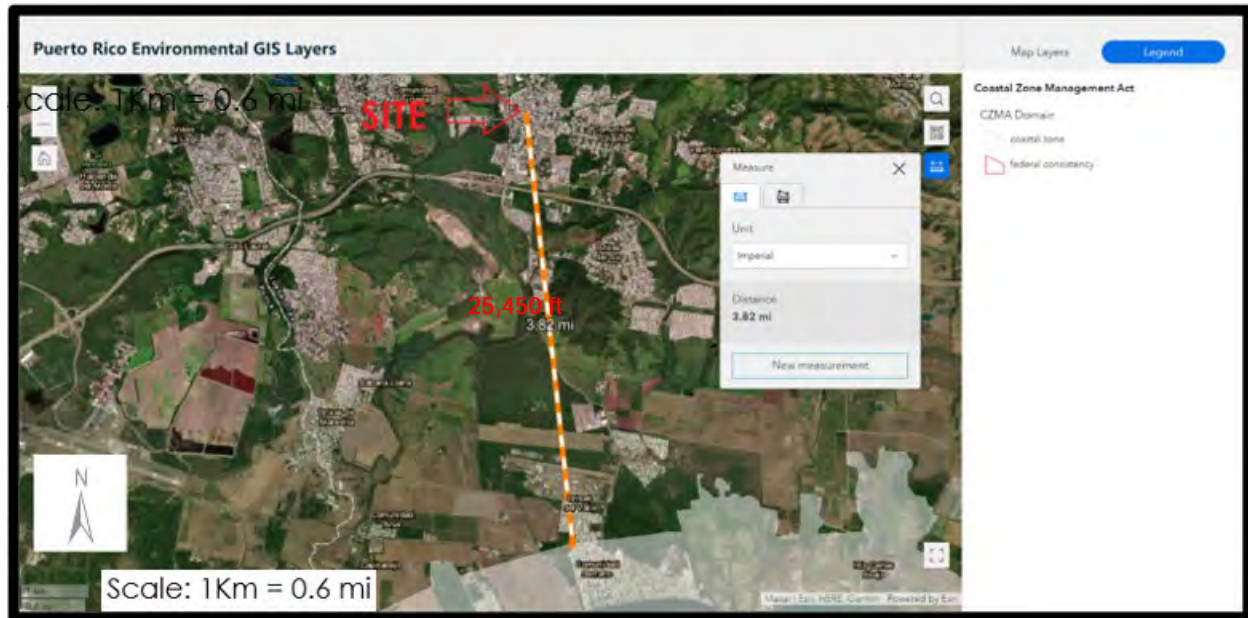


Exhibit 7: Toxic and Contamination Substances Map, (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Díaz









Coordinates: 18.053032 °, -66.505785° (NAD 1983)

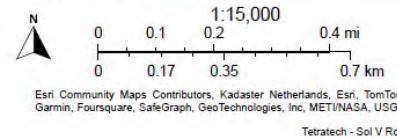


PR-CRP-000434



February 13, 2025

- | | | | | | |
|---|----------------------------|---|----------------------------|---|-------------------------|
|  | Water Dischargers (NPDES) |  | Hazardous Waste (RCRAInfo) |  | 3,000-ft Project Buffer |
|  | Water Dischargers (NPDES) |  | Toxic Releases (TRI) |  | Project Site |
|  | Hazardous Waste (RCRAInfo) |  | Air Pollution (ICIS-AIR) | | |



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

| ID | EPA facility | Distance from site (ft) | Direction from site | Description |
|----|----------------------|-------------------------|---------------------|--|
| 1 | RCRA NPDES | 2,834.00 | Northwest | Fort Allen Training Site PR-149 KM 73.3 JUANA DIAZ, PR 00795 |
| 2 | RCRA | 2,540.00 | Northwest | Caribe General Electric Product Juana Di PR-149 KM 67 JUANA DIAZ, PR 00795 |
| 3 | RCRA | 2,540.00 | Northwest | Productos Circuitos de PR INC PR-149 KM 66.7 JUANA DIAZ, PR 00795 |
| 4 | RCRA | 631 | North | Autotek Caribe |
| 5 | RCRA | 631 | North | Super Farmacia Juana Díaz Inc |
| 6 | ICIS-AIR | 2,078 | East | Productos De Agregados - Cantera Naranjo PR 551 KM 2.7 BO TIJERILLAS JUANA DIAZ, PR 00733 |
| 7 | NPDES | 154 | North | Juana Diaz CALLE DEGETAU #35 JUANA, PR 00795 |
| 8 | ICIS-AIR | 452 | South | Quality Cleaners DR. VEEVE STREET #15 JUANA DIAZ, PR 00000 |
| 9 | RCRA | 1,066 | West | Shell Co Pr Ltd Ss 0736 Garage Martinez BARBOSA ST JUANA DIAZ, PR 00795 |
| 10 | RCRA | 2,124 | Southwest | Juana Diaz Stp PR-149 KM 67.3 JUANA DIAZ, PR 00795 |
| 11 | RCRA | 1,797 | Southwest | R4 Enterprises Corp STATE RD 1 KM 113.6 JUANA DIAZ, PR 00795 |
| 12 | RCRA TRI NPDES | 2,842.00 | South | - Coopervision Manufacturing -Coopervision Manufacturing Bld Expansion -Coneneration Project -New Access Road Project -New Parking Slots & Slab |

Showing reports 1 to 2 of 2



Detailed Facility Report

Facility Summary

FORT ALLEN TRAINING SITE

PR-149 KM 73.3, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110042074965

EPA Region: 02

Latitude: 18.06052

Longitude: -66.509076

Locational Data Source: RCRAINFO

Industries: National Security and International Affairs

Indian Country: N

Enforcement and Compliance Summary

| Statute | CWA |
|---|--------------------------------------|
| Compliance Monitoring Activities (5 years) | -- |
| Date of Last Compliance Monitoring Activity | 03/25/2003 |
| Compliance Status | Significant/Category I Noncompliance |
| Qtrs in Noncompliance (of 12) | 11 |
| Qtrs with Significant Violation | 11 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |
| Statute | RCRA |
| Compliance Monitoring Activities (5 years) | 1 |
| Date of Last Compliance Monitoring Activity | 05/22/2023 |
| Compliance Status | No Violation Identified |
| Qtrs in Noncompliance (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

| Statute | SDWA |
|---|-------------------------|
| Compliance Monitoring Activities (5 years) | 1 |
| Date of Last Compliance Monitoring Activity | 05/23/2023 |
| Compliance Status | No Violation Identified |
| Qtrs in Noncompliance (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | 3 |
| 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 (PR0020044), Non-Major, Permit Effective (PRR053284)

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRD980527071), Active VSQG, (PR6210443077), Active VSQG, (PR6211843077)

Safe Drinking Water Act (SDWA): OWNER: Private, PRIMARY SERVICE AREA DESCRIPTION: Other Residential, SOURCE: Ground water, TYPE: Community water system Permit Active (PR0439024)

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 | | 110042074965 | | | | | N | 18.06052 | -66.509076 |
| ICIS | | 33740 | | | | | N | 17.99802 | -66.499617 |
| ICIS-NPDES | CWA | PR0020044 | Non-Major: NPDES Individual Permit | Terminated; Compliance Tracking Off | | 09/30/2006 | N | 18 | -66.5 |
| ICIS-NPDES | CWA | PRR053284 | Non-Major: General Permit Covered Facility | Effective | Industrial Stormwater | 02/28/2026 | N | 18.007584 | -66.506056 |
| RCRAInfo | RCRA | PRD980527071 | Other | Inactive () | | | N | | |
| RCRAInfo | RCRA | PR6210443077 | VSQG | Active (H) | | | N | 18.06052 | -66.509076 |
| RCRAInfo | RCRA | PR6211843077 | VSQG | Active (H) | | | N | 18.06052 | -66.509076 |
| SDWIS | SDWA | PR0439024 | OWNER: Private, PRIMARY SERVICE AREA DESCRIPTION: Other Residential, SOURCE: Ground water, TYPE: Community water system | Active | Population Served: 1500 | | N | | |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|------------|---------|--------------|---------------------------------------|--|----------------------|
| FRS | | 110042074965 | FORT ALLEN TRAINING SITE | PR-149 KM 73.3, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| ICIS | | 33740 | FORT ALLEN TRAINING SITE | STATE ROAD 149 KILOMETER 2, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| ICIS-NPDES | CWA | PR0020044 | P R NATIONAL GUARD | US NAVAL STATION, PONCE, PR 00731 | Ponce Municipio |
| ICIS-NPDES | CWA | PRR053284 | FORT ALLEN TRAINING SITE | ROAD #149, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| RCRAInfo | RCRA | PRD980527071 | FORT ALLEN PROCESSING CENTER BLDG 225 | FORT ALLEN, PONCE, PR 00731 | Ponce Municipio |
| RCRAInfo | RCRA | PR6210443077 | USARC - FORT ALLEN ECS 126-G | STATE RD 149, JUANA DIAZ, PR 00665-1428 | Juana Díaz Municipio |
| RCRAInfo | RCRA | PR6211843077 | FORT ALLEN TRAINING SITE | STATE ROAD 149 KM 73.3, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| SDWIS | SDWA | PR0439024 | FORT ALLEN | PR | |

Facility SIC (Standard Industrial

Facility NAICS (North American Industry

Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|------------|------------|----------|-------------------|
| ICIS-NPDES | PR0020044 | 9711 | National Security |

Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|----------|--------------|------------|-------------------|
| RCRAInfo | PR6211843077 | 92811 | National Security |

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

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) |
|---------|--------------|---------------|-----------------------|----------------------------------|-------------|------------|---|
| RCRA | PR6210443077 | RCRAInfo/ICIS | Inspection/Evaluation | Focused Compliance Inspection | EPA | 03/26/2024 | No Violations Or Compliance Issues Were Found |
| RCRA | PR6210443077 | RCRAInfo/ICIS | Inspection/Evaluation | Compliance Evaluation Inspection | EPA | 05/22/2023 | No Violations Or Compliance Issues Were Found |
| SDWA | PR0439024 | ICIS | Inspection/Evaluation | On Site Visit | EPA | 05/23/2023 | |

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>>.

SDWA (Safe Drinking Water Act) Sanitary Survey Results (5 Years)

| Source ID | Date | Type | Agency | Data Verification | Distribution | Management Operation | Finished Water Storage | Operator Compliance | Other Evaluation | Pumps | Security | Source | Financial | Treatment |
|-----------|------|------|--------|-------------------|--------------|----------------------|------------------------|---------------------|------------------|-------|----------|--------|-----------|-----------|
|-----------|------|------|--------|-------------------|--------------|----------------------|------------------------|---------------------|------------------|-------|----------|--------|-----------|-----------|

No data records returned
Sanitary survey result codes: S = Significant Deficiencies R = Recommendations Made X = Not Evaluated D = Sanitary Defect
M = Minor Deficiencies N = No Deficiencies or Z = Not Applicable -- = Not Reported to EPA
Recommendations

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 | PR0020044 | No | 09/30/2024 | 0 | 02/07/2025 |
| CWA | PRR053284 | Yes | 09/30/2024 | 11 | 02/07/2025 |
| RCRA | PRD980527071 | No | 02/08/2025 | 0 | 02/07/2025 |
| RCRA | PR6210443077 | No | 02/08/2025 | 0 | 02/07/2025 |
| RCRA | PR6211843077 | No | 02/08/2025 | 0 | 02/07/2025 |
| SDWA | PR0439024 | No | 09/30/2024 | 0 | 01/11/2025 |

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 |
|----------------------------|--|-------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| CWA (Source ID: PR0020044) | | 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 | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit |
| | Quarterly Noncompliance Report History | | | | | | | | | |
| CWA (Source ID: PRR053284) | | 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 | Significant/Category I Noncompliance | Significant/Category I Noncompliance | Significant/Category I Noncompliance | Significant/Category I Noncompliance | Significant/Category I Noncompliance | Significant/Category I Noncompliance | Significant/Category I Noncompliance | Significant/Category I Noncompliance |
| | Quarterly Noncompliance Report History | | Failure to Report DMR - Not Received | Failure to Report DMR - Not Received | Failure to Report DMR - Not Received | Failure to Report DMR - Not Received | Failure to Report DMR - Not Received | Failure to Report DMR - Not Received | Failure to Report DMR - Not Received | Failure to Report DMR - Not Received |
| | Late or Missing Discharge Monitoring Report (DMR) Measurements | | | | | | | | | |
| | Counts of Late DMR Measurements | | | | 4 | 4 | 4 | 4 | 4 | |

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 |
|---------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | Counts of Missing DMR Measurements | 4 | 4 | 4 | | | | | | 4 |

| 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: PR62110443077) | 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 | | | | | | | | | | | |
| | RCRA (Source ID: PR6211843077) | 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 | | | | | | | | | | | |
| | RCRA (Source ID: PRD980527071) | 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 | | | | | | | | | | | |

| Statute | Violation Type/Category | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR |
|---------|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | SDWA (Source ID: PR0439024) | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 | 07/01-09/30/24 |
| | Facility-Level Status | No Violation | No Violation | No Violation | No Violation | No Violation | No Violation | No Violation | No Violation | No Violation | No Violation | No Violation | No Violation |
| | Category | | | | | | | | | | | | |
| | Violation Type | | | | | | | | | | | | |

*Quarter 13 data is voluntarily entered and/or incomplete, and may not form a complete picture for that quarter. Read more <<https://epa.gov/help/reports/dfr-data-dictionary#sdwacomp>>

SDWA Compliance Data Last Reported: 09/30/2024

Informal Enforcement Actions

Last 5 Years

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|---------|--------|-----------|---|-------------|------------|
| SDWA | SDWIS | PR0439024 | State Formal Notice of Violation issued | State | 05/03/2021 |
| SDWA | SDWIS | PR0439024 | State Formal Notice of Violation issued | State | 05/03/2021 |
| SDWA | SDWIS | PR0439024 | State Formal Notice of Violation issued | State | 02/12/2020 |

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

SDWA (Safe Drinking Water Act) Violations and Enforcement Actions (5 Years)

| Source ID | Noncompliance Period | Violation ID | Federal Rule | Contaminant | Violations | | | | | | Status | Enforcement Actions | | | |
|-----------|-------------------------|--------------|-----------------------------|-----------------------------|------------|--------------------------|----------------|---------------------------------------|---|----------|--------|---------------------|-----------|---|--------|
| | | | | | Category | Description | Measured Value | State MCL (Maximum Contaminant Level) | Federal MCL (Maximum Contaminant Level) | | | Date | Category | Description | Agency |
| PR0439024 | 07/01/2020 - 12/31/2020 | 7093518 | Lead and Copper Rule | Lead and Copper Rule | MR | Monitoring and Reporting | -- | -- | -- | Resolved | | 05/03/2021 | Informal | State Formal Notice of Violation issued | State |
| | | | | | | | | | | | | 12/31/2020 | Resolving | State Compliance achieved | State |
| PR0439024 | 01/01/2020 - 06/30/2020 | 7093517 | Lead and Copper Rule | Lead and Copper Rule | MR | Monitoring and Reporting | -- | -- | -- | Resolved | | 05/03/2021 | Informal | State Formal Notice of Violation issued | State |
| | | | | | | | | | | | | 06/30/2020 | Resolving | State Compliance achieved | State |
| PR0439024 | 01/01/2020 - 06/30/2020 | 7093515 | Lead and Copper Rule | Lead and Copper Rule | MR | Monitoring and Reporting | -- | -- | -- | Resolved | | 06/30/2020 | Resolving | State Compliance achieved | State |
| | | | | | | | | | | | | 02/12/2020 | Informal | State Formal Notice of Violation issued | State |
| PR0439024 | 10/01/2019 - 12/31/2019 | 7093516 | Revised Total Coliform Rule | Revised Total Coliform Rule | MON | Monitoring Violation | -- | -- | -- | Resolved | | 06/30/2020 | Resolving | State Compliance achieved | State |

| Source ID | Noncompliance Period | Violation ID | Federal Rule | Contaminant | Violations | | | | | | Status | Enforcement Actions | | | |
|-----------|-------------------------|--------------|----------------------|----------------------|------------|--------------------------|----------------|---------------------------------------|---|----------|------------|---------------------|---|--------|--|
| | | | | | Category | Description | Measured Value | State MCL (Maximum Contaminant Level) | Federal MCL (Maximum Contaminant Level) | Date | | Category | Description | Agency | |
| PR0439024 | 07/01/2019 - 06/30/2020 | 7093513 | Lead and Copper Rule | Lead and Copper Rule | MR | Monitoring and Reporting | -- | -- | -- | Resolved | 06/30/2020 | Resolving | State Compliance achieved | State | |
| | | | | | | | | | | | 09/09/2019 | Informal | State Formal Notice of Violation issued | State | |
| PR0439024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 12/05/1997 | Informal | State Public Notification issued | EPA | |
| PR0439024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11/14/1995 | Informal | State Violation/Reminder Notice | State | |
| PR0439024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10/04/1995 | Informal | State Violation/Reminder Notice | State | |
| PR0439024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 06/28/1991 | Informal | Federal issued Formal Notice of Violation | EPA | |
| PR0439024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 03/16/1992 | Informal | State Formal Notice of Violation issued | State | |
| PR0439024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 04/08/1991 | Informal | State Formal Notice of Violation issued | State | |
| PR0439024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 03/15/1991 | Informal | State Formal Notice of Violation issued | State | |
| PR0439024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 03/11/1991 | Informal | State Formal Notice of Violation issued | State | |

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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
| 210100040318 | Coastal Watersheds West and East of Rio Canas mouth | CARIBBEAN SEA | 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 |
|-------|--------------|--------------------|----------------------|-----------------|-----------------------|--------------------|----------------|----------------------|----------------|-----------|
|-------|--------------|--------------------|----------------------|-----------------|-----------------------|--------------------|----------------|----------------------|----------------|-----------|

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

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

DMR and TRI Multi-Year Loading Report

| NPDES ID | Description |
|----------|-------------|
|----------|-------------|

No data records returned

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 11/9/2024)

| Source ID | Waste Description | 2022 | 2023 | 2024 | 2025 |
|--------------|--------------------------------|------|------|------|------|
| PR6210443077 | Hazardous Waste | 485 | 325 | 61 | -- |
| PR6210443077 | Acute Hazardous Waste | 0 | 0 | 0 | -- |
| PR6210443077 | Pharmaceutical Hazardous Waste | 0 | 0 | 0 | -- |

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

Community

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

| Census Block Group ID: 720757106002 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 6 | 6 | 6 | 1 | 2 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 45 | 64 | 80 | 61 | 68 | 79 |
| Diesel Particulate Matter | 9 | 8 | 19 | 65 | 58 | 78 |
| Toxic Releases to Air | 99 | 99 | 99 | 96 | 95 | 98 |
| Traffic Proximity | 97 | 96 | 99 | 75 | 74 | 86 |
| Lead Paint | 93 | 91 | 97 | 76 | 68 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 93 | 92 | 99 | 64 | 61 | 82 |
| Hazardous Waste Proximity | 96 | 99 | 99 | 76 | 91 | 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 97 | 91 | 99 | 25 | 13 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on:

US

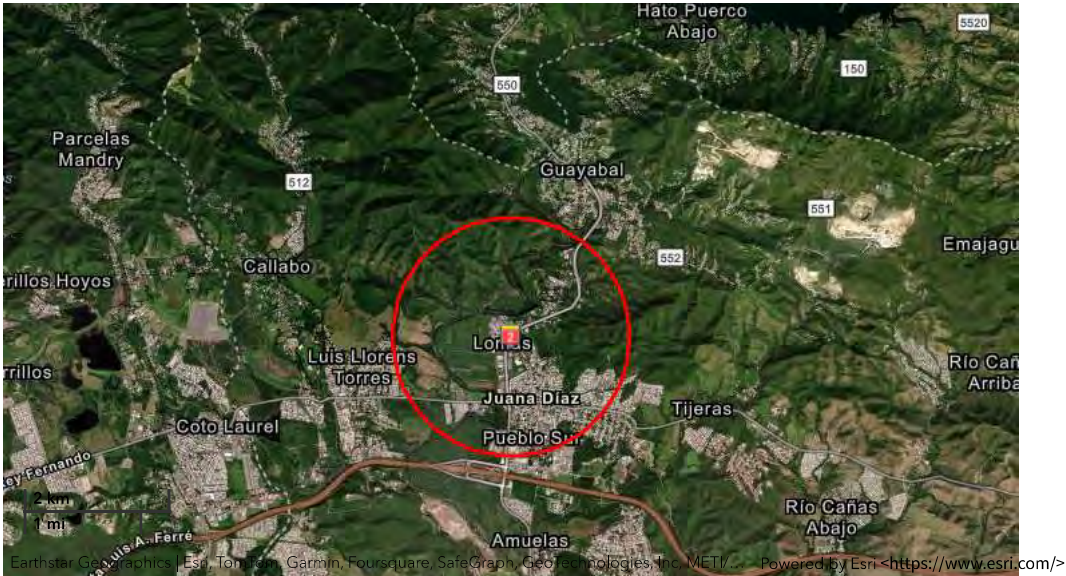
State

Display Map Layer

Summary - Number of Indexes

Facility 1-mile Radius

Facility Census Block Group



Community Water System Service Area Boundary

This section provides information on the average number of elevated EJSscreen indexes for systems with estimated service area boundaries. This values is calculated based on the intersection of the water system’s estimated service area and US Census block groups with an index above the 90th percentile. For example, a system that intersects 5 total Census block groups, with 2 block groups having 12 indexes above the 90th percentile and 3 block groups having 11 indexes above 90th percentile, would have an average of 11.4. For more information, see the DFR Data Dictionary <https://epa.gov/help/reports/dfr-data-dictionary#sdwaej>.

| PWSID | Supplemental Indexes At or Above 90th Percentile for Estimated Service Area | | EJ Indexes At or Above 90th Percentile for Estimated Service Area | |
|-----------|---|-------|---|-------|
| | US | State | US | State |
| PR0439024 | T | T | T | T |

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 | 6,610 | Children 5 years and younger | 239 (4%) |
| Population Density | 2,126/sq.mi. | Minors 17 years and younger | 1,007 (15%) |
| Housing Units in Area | 3,106 | Adults 18 years and older | 5,603 (85%) |
| Percent People of Color | 100% | Seniors 65 years and older | 1,933 (29%) |
| Households in Area | 2,549 | | |
| Households on Public Assistance | 82 | Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Persons With Low Income | 5,336 | White | 1,666 (25%) |
| Percent With Low Income | 81% | African-American | 0 (0%) |
| | | Hispanic-Origin | 6,603 (100%) |
| | | Asian | 0 (0%) |
| | | Hawaiian/Pacific Islander | 0 (0%) |
| | | American Indian | 4 (0%) |
| | | Other/Multiracial | 311 (5%) |
| Geography | | Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Radius of Selected Area | 1 mi. | Less than 9th Grade | 926 (18.53%) |
| Center Latitude | 18.06052 | 9th through 12th Grade | 523 (10.47%) |
| Center Longitude | -66.509076 | High School Diploma | 1,458 (29.18%) |
| Total Area | 3.121 sq.mi. | Some College/2-year | 368 (7.37%) |
| Land Area | 100% | B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,216 (24.34%) |
| Water Area | 0% | | |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | | | |
| Less than \$15,000 | 1,038 (40.77%) | | |
| \$15,000 - \$25,000 | 509 (19.99%) | | |
| \$25,000 - \$50,000 | 642 (25.22%) | | |
| \$50,000 - \$75,000 | 270 (10.6%) | | |
| Greater than \$75,000 | 87 (3.42%) | | |



Detailed Facility Report

Facility Summary

FORT ALLEN

ROUTE 1, JUANA DIAZ, PR 00665

FRS (Facility Registry Service) ID: 110071100517

EPA Region: 02

Latitude: 18.055

Longitude: -66.508333

Locational Data Source: SEMS

Industries: --

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

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 | | 110071100517 | | | | | N | 18.055 | -66.508333 |
| SEMS | CERCLA | PR6211843077 | | NOT ON THE NPL | | | N | 18.055 | -66.508333 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|--------|---------|--------------|---------------|-------------------------------|----------------------|
| FRS | | 110071100517 | FORT ALLEN | ROUTE 1, JUANA DIAZ, PR 00665 | Juana Díaz Municipio |
| SEMS | CERCLA | PR6211843077 | FORT ALLEN | ROUTE 1, JUANA DIAZ, PR 00665 | |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------|------------|----------|-----------------|
|--------|------------|----------|-----------------|

No data records returned

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------|------------|------------|-------------------|
|--------|------------|------------|-------------------|

No data records returned

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
|---------|-----------|---|---------------|--------------------------------------|---------------------|

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 |
|---------|--------|--------------|-----------|----------------|----------|-------------|-----------|--------------------|----------------------|-------------------------|--------------------------|-------------------------------|--------------------------|-----------|------------------|
|---------|--------|--------------|-----------|----------------|----------|-------------|-----------|--------------------|----------------------|-------------------------|--------------------------|-------------------------------|--------------------------|-----------|------------------|

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|-----------|-----------------------------------|---|---------------------------------|---|
|-----------|-----------------------------------|---|---------------------------------|---|

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

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

| Census Block Group ID: 720757106001 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| Supplemental Indexes | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 5 | 5 | 6 | 2 | 2 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 70 | 63 | 80 | 72 | 66 | 79 |
| Diesel Particulate Matter | 9 | 7 | 19 | 64 | 55 | 78 |
| Toxic Releases to Air | 1 99 | 1 99 | 1 99 | 1 96 | 1 94 | 1 98 |
| Traffic Proximity | 1 97 | 1 96 | 1 99 | 76 | 71 | 86 |
| Lead Paint | 1 95 | 1 90 | 1 97 | 79 | 65 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 1 93 | 1 91 | 1 99 | 63 | 58 | 82 |
| Hazardous Waste Proximity | 1 99 | 1 98 | 1 99 | 1 95 | 1 90 | 1 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 86 | 89 | 1 99 | 8 | 12 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on:

US

State

Display Map Layer

Summary - Number of Indexes

Facility 1-mile Radius

Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 8,776 | Children 5 years and younger | 356 (4%) |
| Population Density | 2,829/sq.mi. | Minors 17 years and younger | 1,473 (17%) |
| Housing Units in Area | 4,035 | Adults 18 years and older | 7,302 (83%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,415 (28%) |
| Households in Area | 3,358 | | |
| Households on Public Assistance | 122 | Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Persons With Low Income | 7,211 | White | 2,103 (24%) |
| Percent With Low Income | 82% | African-American | 0 (0%) |
| | | Hispanic-Origin | 8,769 (100%) |
| | | Asian | 0 (0%) |
| | | Hawaiian/Pacific Islander | 0 (0%) |
| | | American Indian | 5 (0%) |
| | | Other/Multiracial | 405 (5%) |
| Geography | | Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Radius of Selected Area | 1 mi. | Less than 9th Grade | 1,110 (17.22%) |
| Center Latitude | 18.055 | 9th through 12th Grade | 729 (11.31%) |
| Center Longitude | -66.508333 | High School Diploma | 1,869 (29%) |
| Total Area | 3.121 sq.mi. | Some College/2-year | 489 (7.59%) |
| Land Area | 99% | B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,515 (23.51%) |
| Water Area | 1% | | |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | | | |
| Less than \$15,000 | 1,392 (41.44%) | | |
| \$15,000 - \$25,000 | 714 (21.26%) | | |
| \$25,000 - \$50,000 | 777 (23.13%) | | |
| \$50,000 - \$75,000 | 349 (10.39%) | | |
| Greater than \$75,000 | 127 (3.78%) | | |



Detailed Facility Report

Facility Summary

CARIBE GENERAL ELECTRIC PRODUCT JUANA DI

PR-149 KM 67, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110000907957

EPA Region: 02

Latitude: 18.059439

Longitude: -66.508889

Locational Data Source: SEMS

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 | 02/24/2004 |
| Compliance Status | No Violation Identified |
| Qtrs in Noncompliance (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRD090282757)

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): 00795CRBGNCARRI

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 | | 110000907957 | | | | | N | 18.059439 | -66.508889 |
| ICIS | | 36133 | | | | | N | 18.05943 | -66.50888 |
| SEMS | CERCLA | PRD090282757 | | DELETED FROM THE FINAL NPL | | | N | 18.059439 | -66.508889 |
| TRI | EP313 | 00795CRBGNCARRI | Toxics Release Inventory | Last Reported for 1998 | | | N | 18.05943 | -66.50888 |
| RCRAInfo | RCRA | PRD090282757 | VSQG | Active (H A) | | | N | 18.082162 | -66.502732 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|----------|---------|-----------------|---|--|----------------------|
| FRS | | 110000907957 | CARIBE GENERAL ELECTRIC PRODUCT JUANA DI | PR-149 KM 67, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| ICIS | | 36133 | CARIBE GENERAL ELECTRIC PRODUCT JUANA DI | CARR 149 KM 67, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| SEMS | CERCLA | PRD090282757 | GE WIRING DEVICES | KM 67 CARRETERA NO 149, JUANA DIAZ, PR 00795 | |
| TRI | EP313 | 00795CRBGNCARRI | CARIBE GE PRODS INC | CARRION MADURO FINAL, KM 672, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| RCRAInfo | RCRA | PRD090282757 | CARIBE GENERAL ELECTRIC PRODUCTS JUANA DIAZ | CARR 149 KM 67, JUANA DIAZ, PR 00665 | Juana Díaz Municipio |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------|-----------------|----------|---------------------------------|
| TRI | 00795CRBGNCARRI | 3625 | Relays And Industrial Controls |
| TRI | 00795CRBGNCARRI | 3643 | Current-Carrying Wiring Devices |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|----------|-----------------|------------|---|
| TRI | 00795CRBGNCARRI | 335931 | Current-Carrying Wiring Device Manufacturing |
| RCRAInfo | PRD090282757 | 335122 | Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing |
| RCRAInfo | PRD090282757 | 335313 | Switchgear and Switchboard Apparatus Manufacturing |
| RCRAInfo | PRD090282757 | 335931 | Current-Carrying Wiring Device 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 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 | PRD090282757 | No | 02/08/2025 | 0 | 02/07/2025 |

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: PRD090282757) | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
|--|---|---|---------------------------------|--------------------------------------|--|---|

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|-----------|-----------------------------------|---|---------------------------------|---|
|-----------|-----------------------------------|---|---------------------------------|---|

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

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 11/9/2024)

| Source ID | Waste Description | 2022 | 2023 | 2024 | 2025 |
|--------------|--------------------------------|------|------|------|------|
| PRD090282757 | Hazardous Waste | 350 | 11 | -- | -- |
| PRD090282757 | Acute Hazardous Waste | 0 | 0 | -- | -- |
| PRD090282757 | Pharmaceutical Hazardous Waste | 0 | 0 | -- | -- |

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

Community

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles >= 90 (Census block group)
- Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

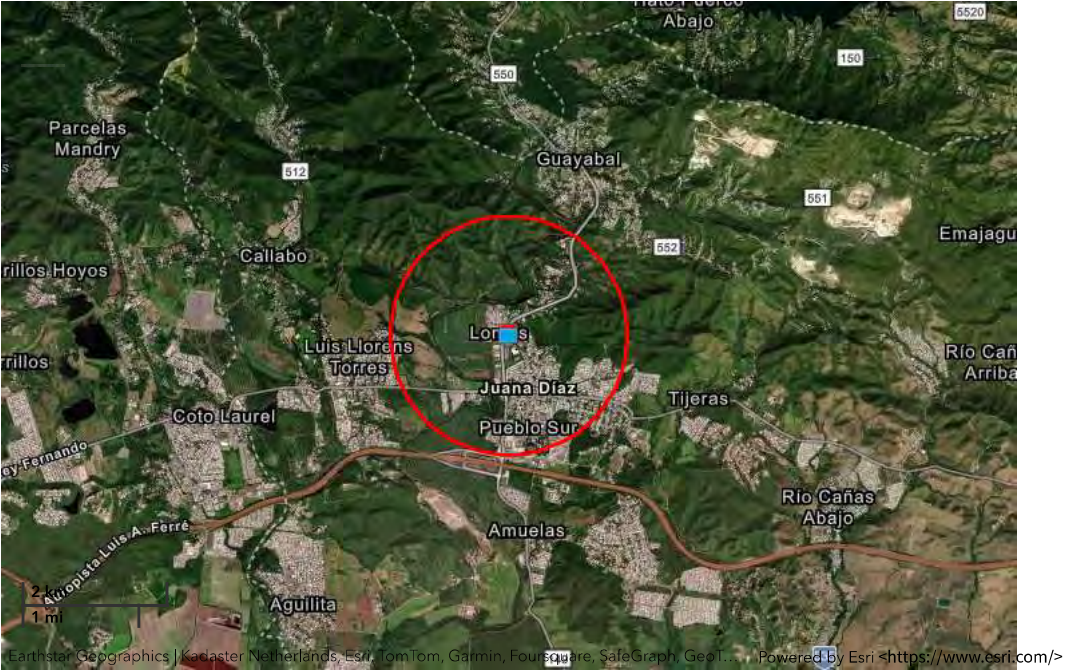
| Census Block Group ID: 720757106001 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 5 | 6 | 6 | 2 | 2 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 70 | 65 | 80 | 72 | 68 | 79 |
| Diesel Particulate Matter | 9 | 7 | 19 | 64 | 58 | 78 |
| Toxic Releases to Air | 99 | 99 | 99 | 96 | 95 | 98 |
| Traffic Proximity | 97 | 96 | 99 | 76 | 73 | 86 |
| Lead Paint | 95 | 91 | 97 | 79 | 68 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 93 | 92 | 99 | 63 | 60 | 82 |
| Hazardous Waste Proximity | 99 | 99 | 99 | 95 | 92 | 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 86 | 91 | 99 | 8 | 13 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☒ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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/dfp-data-dictionary#demographic>.

| General Statistics (ACS (American Community Survey)) | | Age Breakdown (ACS (American Community Survey)) - Persons (%) | |
|--|--------------|---|-------------|
| Total Persons | 7,187 | Children 5 years and younger | 271 (4%) |
| Population Density | 2,313/sq.mi. | Minors 17 years and younger | 1,138 (16%) |
| Housing Units in Area | 3,351 | Adults 18 years and older | 6,048 (84%) |

| General Statistics (ACS (American Community Survey)) | |
|--|--------------|
| Percent People of Color | 100% |
| Households in Area | 2,762 |
| Households on Public Assistance | 93 |
| Persons With Low Income | 5,840 |
| Percent With Low Income | 81% |
| Geography | |
| Radius of Selected Area | 1 mi. |
| Center Latitude | 18.059439 |
| Center Longitude | -66.508889 |
| Total Area | 3.121 sq.mi. |
| Land Area | 100% |
| Water Area | 0% |

| Income Breakdown (ACS (American Community Survey)) - Households (%) | |
|---|----------------|
| Less than \$15,000 | 1,135 (41.12%) |
| \$15,000 - \$25,000 | 561 (20.33%) |
| \$25,000 - \$50,000 | 677 (24.53%) |
| \$50,000 - \$75,000 | 291 (10.54%) |
| Greater than \$75,000 | 96 (3.48%) |

| Age Breakdown (ACS (American Community Survey)) - Persons (%) | |
|--|--------------|
| Seniors 65 years and older | 2,065 (29%) |
| Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| White | 1,794 (25%) |
| African-American | 0 (0%) |
| Hispanic-Origin | 7,180 (100%) |
| Asian | 0 (0%) |
| Hawaiian/Pacific Islander | 0 (0%) |
| American Indian | 4 (0%) |
| Other/Multiracial | 339 (5%) |

| Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 982 (18.25%) |
| 9th through 12th Grade | 580 (10.78%) |
| High School Diploma | 1,564 (29.07%) |
| Some College/2-year | 401 (7.45%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,301 (24.18%) |



Detailed Facility Report

Facility Summary

PRODUCTOS CIRCUITOS DE P R INCORPORATED

PR-149 KM 66.7, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110000602768

EPA Region: 02

Latitude: 18.058048

Longitude: -66.510427

Locational Data Source: TRIS

Industries: Computer and Electronic Product Manufacturing

Indian Country: N

Enforcement and Compliance Summary

| Statute | RCRA |
|---|-------------------------|
| Compliance Monitoring Activities (5 years) | -- |
| Date of Last Compliance Monitoring Activity | 03/14/2000 |
| 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 Legacy TSDF, VSQG, (PRD091063743)

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): 00665PRDCTKM667

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 | | 110000602768 | | | | | N | 18.058048 | -66.510427 |
| TRI | EP313 | 00665PRDCTKM667 | Toxics Release Inventory | Last Reported for 1998 | | | N | 18.058048 | -66.510427 |
| RCRAInfo | RCRA | PRD091063743 | Legacy TSDF, VSQG | Active (HPA) | | | N | 18.05776 | -66.510875 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|----------|---------|-----------------|---|--------------------------------------|----------------------|
| FRS | | 110000602768 | PRODUCTOS CIRCUITOS DE P R INCORPORATED | PR-149 KM 66.7, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| TRI | EP313 | 00665PRDCTKM667 | PRODUCTOS CIRCUITOS DE PR INC | RD 149 KM 667, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| RCRAInfo | RCRA | PRD091063743 | PRODUCTOS CIRCUITOS DE PR INC | RD 149 KM 66.7, JUANA DIAZ, PR 00665 | Juana Díaz Municipio |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------|-----------------|----------|------------------------|
| TRI | 00665PRDCTKM667 | 3672 | Printed Circuit Boards |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|----------|-----------------|------------|--|
| TRI | 00665PRDCTKM667 | 334412 | Bare Printed Circuit Board Manufacturing |
| RCRAInfo | PRD091063743 | 334419 | Other Electronic Component 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 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 | PRD091063743 | No | 02/08/2025 | 0 | 02/07/2025 |

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: PRD091063743) | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
|--|---|---|---------------------------------|--------------------------------------|--|---|

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|-----------|-----------------------------------|---|---------------------------------|---|
|-----------|-----------------------------------|---|---------------------------------|---|

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

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

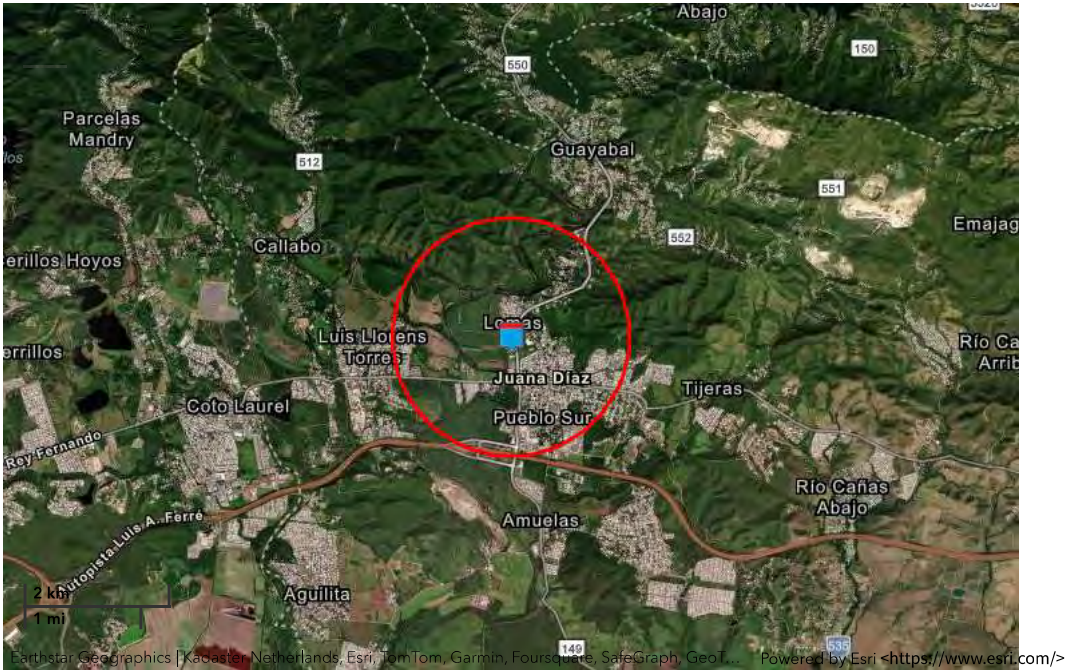
| Census Block Group ID: 720757106002 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Supplemental Indexes | | | | | | |
| Count of Indexes At or Above 90th Percentile | 6 | 6 | 6 | 1 | 2 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 45 | 66 | 80 | 61 | 69 | 79 |
| Diesel Particulate Matter | 9 | 9 | 19 | 65 | 60 | 78 |
| Toxic Releases to Air | 1 99 | 1 99 | 1 99 | 1 96 | 1 95 | 1 98 |
| Traffic Proximity | 1 97 | 1 96 | 1 99 | 75 | 73 | 86 |
| Lead Paint | 1 93 | 1 91 | 1 97 | 76 | 69 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 1 93 | 1 94 | 1 99 | 64 | 63 | 82 |
| Hazardous Waste Proximity | 1 96 | 1 98 | 1 99 | 76 | 1 90 | 1 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 1 97 | 1 93 | 1 99 | 25 | 17 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 7,441 | Children 5 years and younger | 300 (4%) |
| Population Density | 2,395/sq.mi. | Minors 17 years and younger | 1,241 (17%) |
| Housing Units in Area | 3,468 | Adults 18 years and older | 6,201 (83%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,095 (28%) |
| Households in Area | 2,875 | | |
| Households on Public Assistance | 107 | Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Persons With Low Income | 6,115 | White | 1,842 (25%) |
| Percent With Low Income | 82% | African-American | 0 (0%) |
| | | Hispanic-Origin | 7,434 (100%) |
| | | Asian | 0 (0%) |
| | | Hawaiian/Pacific Islander | 0 (0%) |
| | | American Indian | 5 (0%) |
| | | Other/Multiracial | 353 (5%) |
| | | | |
| Geography | | Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Radius of Selected Area | 1 mi. | Less than 9th Grade | 1,027 (18.62%) |
| Center Latitude | 18.058048 | 9th through 12th Grade | 613 (11.12%) |
| Center Longitude | -66.510427 | High School Diploma | 1,601 (29.03%) |
| Total Area | 3.121 sq.mi. | Some College/2-year | 414 (7.51%) |
| Land Area | 100% | B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,313 (23.81%) |
| Water Area | 0% | | |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | | | |
| Less than \$15,000 | 1,201 (41.73%) | | |
| \$15,000 - \$25,000 | 585 (20.33%) | | |
| \$25,000 - \$50,000 | 703 (24.43%) | | |
| \$50,000 - \$75,000 | 291 (10.11%) | | |
| Greater than \$75,000 | 98 (3.41%) | | |



Detailed Facility Report

Facility Summary

AUTOTEK CARIBE

14,7 TOMAS CARRION MADURO AVE, JUANA DIAZ, PR 99999

FRS (Facility Registry Service) ID: 110006433797

EPA Region: 02

Latitude: 18.05481

Longitude: -66.50546

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 | -- |
| 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, (PRN008004160)

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 | | 110006433797 | | | | | N | 18.05481 | -66.50546 |
| RCRAInfo | RCRA | PRN008004160 | Other | Inactive () | | | N | 18.056553 | -66.506939 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|----------|---------|--------------|----------------|---|----------------------|
| FRS | | 110006433797 | AUTOTEK CARIBE | 147 TOMAS CARRION MADURO AVE., JUANA DIAZ, PR 99999 | Juana Díaz Municipio |
| RCRAInfo | RCRA | PRN008004160 | AUTOTEK CARIBE | 147 TOMAS CARRION MADURO AVE., JUANA DIAZ, PR 99999 | Juana Díaz Municipio |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------|------------|----------|-----------------|
|--------|------------|----------|-----------------|

No data records returned

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------|------------|------------|-------------------|
|--------|------------|------------|-------------------|

No data records returned

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | PRN008004160 | No | 02/08/2025 | 0 | 02/07/2025 |

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: PRN008004160) | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
|--|---|---|---------------------------------|--------------------------------------|--|---|

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|-----------|-----------------------------------|---|---------------------------------|---|
|-----------|-----------------------------------|---|---------------------------------|---|

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

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

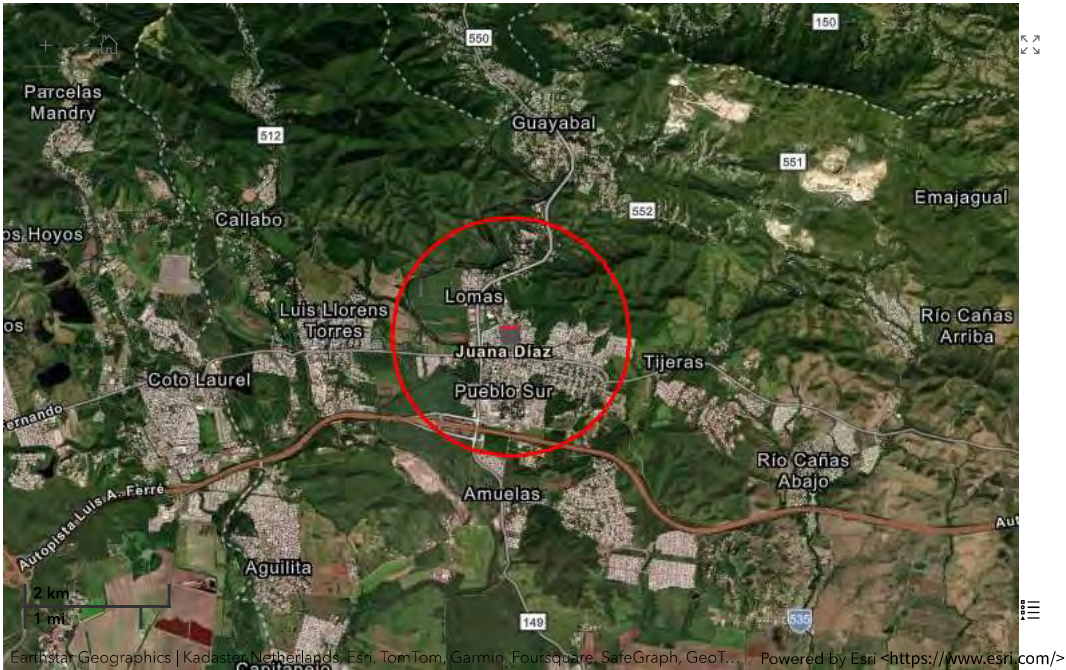
| Census Block Group ID: 720757106001 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| Supplemental Indexes | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 5 | 4 | 6 | 2 | 1 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 70 | 60 | 80 | 72 | 64 | 79 |
| Diesel Particulate Matter | 9 | 6 | 19 | 64 | 52 | 78 |
| Toxic Releases to Air | 1 99 | 1 99 | 1 99 | 1 96 | 1 93 | 1 98 |
| Traffic Proximity | 1 97 | 1 95 | 1 99 | 76 | 69 | 86 |
| Lead Paint | 1 95 | 88 | 1 97 | 79 | 62 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 1 93 | 1 91 | 1 99 | 63 | 56 | 82 |
| Hazardous Waste Proximity | 1 99 | 1 98 | 1 99 | 1 95 | 88 | 1 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 86 | 88 | 1 99 | 8 | 11 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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)) | |
|---|----------------|
| Total Persons | 8,872 |
| Population Density | 2,860/sq.mi. |
| Housing Units in Area | 4,064 |
| Percent People of Color | 100% |
| Households in Area | 3,381 |
| Households on Public Assistance | 122 |
| Persons With Low Income | 7,267 |
| Percent With Low Income | 82% |
| Geography | |
| Radius of Selected Area | 1 mi. |
| Center Latitude | 18.05481 |
| Center Longitude | -66.50546 |
| Total Area | 3.121 sq.mi. |
| Land Area | 99% |
| Water Area | 1% |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | |
| Less than \$15,000 | 1,395 (41.26%) |
| \$15,000 - \$25,000 | 733 (21.68%) |
| \$25,000 - \$50,000 | 761 (22.51%) |
| \$50,000 - \$75,000 | 357 (10.56%) |
| Greater than \$75,000 | 135 (3.99%) |

| Age Breakdown (ACS (American Community Survey)) - Persons (%) | |
|--|----------------|
| Children 5 years and younger | 355 (4%) |
| Minors 17 years and younger | 1,488 (17%) |
| Adults 18 years and older | 7,383 (83%) |
| Seniors 65 years and older | 2,419 (27%) |
| Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| White | 2,137 (24%) |
| African-American | 0 (0%) |
| Hispanic-Origin | 8,865 (100%) |
| Asian | 0 (0%) |
| Hawaiian/Pacific Islander | 0 (0%) |
| American Indian | 5 (0%) |
| Other/Multiracial | 418 (5%) |
| Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Less than 9th Grade | 1,092 (16.75%) |
| 9th through 12th Grade | 721 (11.06%) |
| High School Diploma | 1,907 (29.25%) |
| Some College/2-year | 489 (7.5%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,534 (23.53%) |



Detailed Facility Report

Facility Summary

SUPER FARMACIA JUANA DIAZ INC

27 CALLE TOMAS CARRION MADURO, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110071140132

EPA Region: 02

Latitude: 18.05481

Longitude: -66.50546

Locational Data Source: FRS

Industries: Health and Personal Care Stores

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000027532)

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 | | 110071140132 | | | | | N | 18.05481 | -66.50546 |
| RCRAInfo | RCRA | PRR000027532 | VSQG | Active (H) | | | N | 18.05451 | -66.50638 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|----------|---------|--------------|-------------------------------|---|----------------------|
| FRS | | 110071140132 | SUPER FARMACIA JUANA DIAZ INC | 27 CALLE TOMAS CARRION MADURO, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| RCRAInfo | RCRA | PRR000027532 | SUPER FARMACIA JUANA DIAZ INC | 27 CALLE TOMAS CARRION MADURO, JUANA DIAZ, PR 00795 | Juana Díaz 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 | PRR000027532 | 446110 | Pharmacies and Drug Stores |

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | PRR000027532 | No | 02/08/2025 | 0 | 02/07/2025 |

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: PRR000027532) | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
| No data records returned | | | | | | |

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|-----------|-----------------------------------|---|---------------------------------|---|
|-----------|-----------------------------------|---|---------------------------------|---|

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

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles >= 90 (Census block group)
- Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

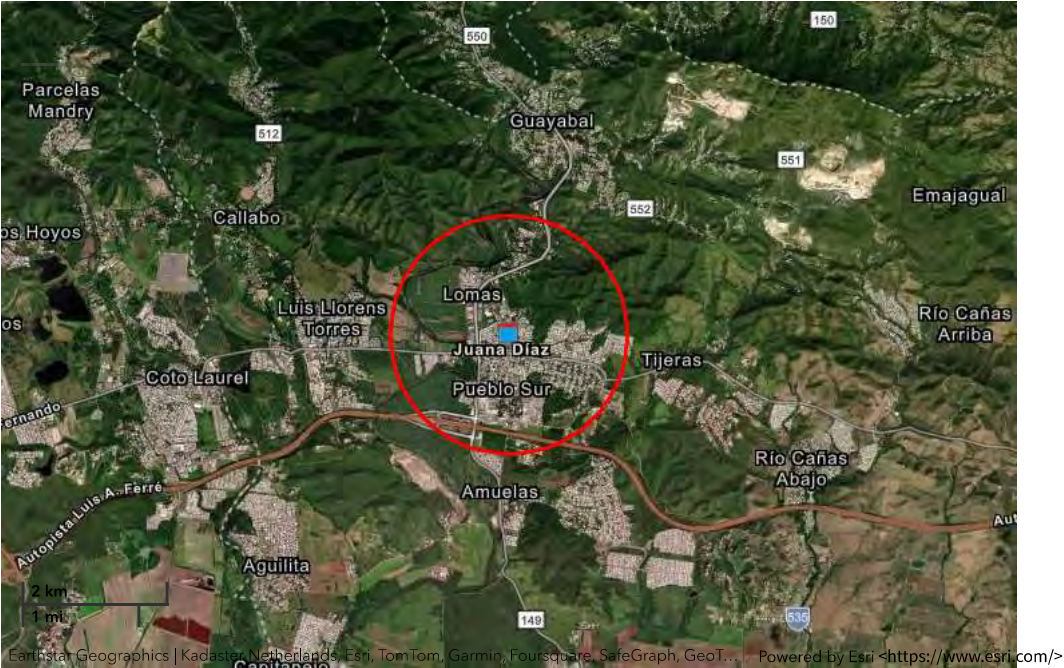
| Census Block Group ID: 720757106001 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Supplemental Indexes | | | | | | |
| Count of Indexes At or Above 90th Percentile | 5 | 4 | 6 | 2 | 1 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 70 | 60 | 80 | 72 | 64 | 79 |
| Diesel Particulate Matter | 9 | 6 | 19 | 64 | 52 | 78 |
| Toxic Releases to Air | 99 | 99 | 99 | 96 | 93 | 98 |
| Traffic Proximity | 97 | 95 | 99 | 76 | 69 | 86 |
| Lead Paint | 95 | 88 | 97 | 79 | 62 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 93 | 91 | 99 | 63 | 56 | 82 |
| Hazardous Waste Proximity | 99 | 98 | 99 | 95 | 88 | 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 86 | 88 | 99 | 8 | 11 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 8,872 | Children 5 years and younger | 355 (4%) |
| Population Density | 2,860/sq.mi. | Minors 17 years and younger | 1,488 (17%) |
| Housing Units in Area | 4,064 | Adults 18 years and older | 7,383 (83%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,419 (27%) |
| Households in Area | 3,381 | | |
| Households on Public Assistance | 122 | Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Persons With Low Income | 7,267 | White | 2,137 (24%) |
| Percent With Low Income | 82% | African-American | 0 (0%) |
| | | Hispanic-Origin | 8,865 (100%) |
| | | Asian | 0 (0%) |
| | | Hawaiian/Pacific Islander | 0 (0%) |
| | | American Indian | 5 (0%) |
| | | Other/Multiracial | 418 (5%) |
| | | | |
| Geography | | Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Radius of Selected Area | 1 mi. | Less than 9th Grade | 1,092 (16.75%) |
| Center Latitude | 18.05481 | 9th through 12th Grade | 721 (11.06%) |
| Center Longitude | -66.50546 | High School Diploma | 1,907 (29.25%) |
| Total Area | 3.121 sq.mi. | Some College/2-year | 489 (7.5%) |
| Land Area | 99% | B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,534 (23.53%) |
| Water Area | 1% | | |
| | | | |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | | | |
| Less than \$15,000 | 1,395 (41.26%) | | |
| \$15,000 - \$25,000 | 733 (21.68%) | | |
| \$25,000 - \$50,000 | 761 (22.51%) | | |
| \$50,000 - \$75,000 | 357 (10.56%) | | |
| Greater than \$75,000 | 135 (3.99%) | | |



Detailed Facility Report

Facility Summary

PRODUCTOS DE AGREGADOS - CANTERA NARANJO
PR 551 KM 2.7 BO TIJERILLAS, JUANA DIAZ, PR 00733

FRS (Facility Registry Service) ID: 110010361688
EPA Region: 02
Latitude: 18.054444
Longitude: -66.500278
Locational Data Source: AIRS/AFS
Industries: Mining (except Oil and Gas)
Indian Country: N

Enforcement and Compliance Summary

| Statute | CAA |
|---|-------------------------|
| Compliance Monitoring Activities (5 years) | -- |
| Date of Last Compliance Monitoring Activity | 05/10/2016 |
| 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): Operating Minor (PR0000007207500004)
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): 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 | | 110010361688 | | | | | N | 18.054444 | -66.500278 |
| ICIS-Air | CAA | PR0000007207500004 | Minor Emissions | Operating | CAANSPP, CAASIP | | N | 18.054444 | -66.500278 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|--------|---------|--------------|--|---|-----------------|
| FRS | | 110010361688 | PRODUCTOS DE AGREGADOS - CANTERA NARANJO | PR 551 KM 2.7 BO TIJERILLAS, JUANA DIAZ, PR 00733 | |

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|----------|---------|--------------------|--|---|----------------------|
| ICIS-Air | CAA | PR0000007207500004 | PRODUCTOS DE AGREGADOS - CANTERA NARANJO | PR 551 KM 2.7 BO TIJERILLAS, JUANA DIAZ, PR 00733 | Juana Díaz Municipio |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|----------|--------------------|----------|-----------------------------|
| ICIS-Air | PR0000007207500004 | 3295 | Minerals, Ground Or Treated |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|----------|--------------------|------------|---|
| ICIS-Air | PR0000007207500004 | 212319 | Other Crushed and Broken Stone Mining and Quarrying |

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------------|---|---------------|--------------------------------------|---------------------|
| CAA | PR0000007207500004 | No | 02/08/2025 | 0 | 02/07/2025 |

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 | |
|-------------------------------------|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CAA (Source ID: PR0000007207500004) | | 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 |
| HPV History | | | | | | | | | | | | |
| | Violation Type | Agency | Programs | Pollutants | | | | | | | | |

Informal Enforcement Actions

Last 5 Years

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

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|--------------------------|-----------------------------------|---|---------------------------------|---|
| 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

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

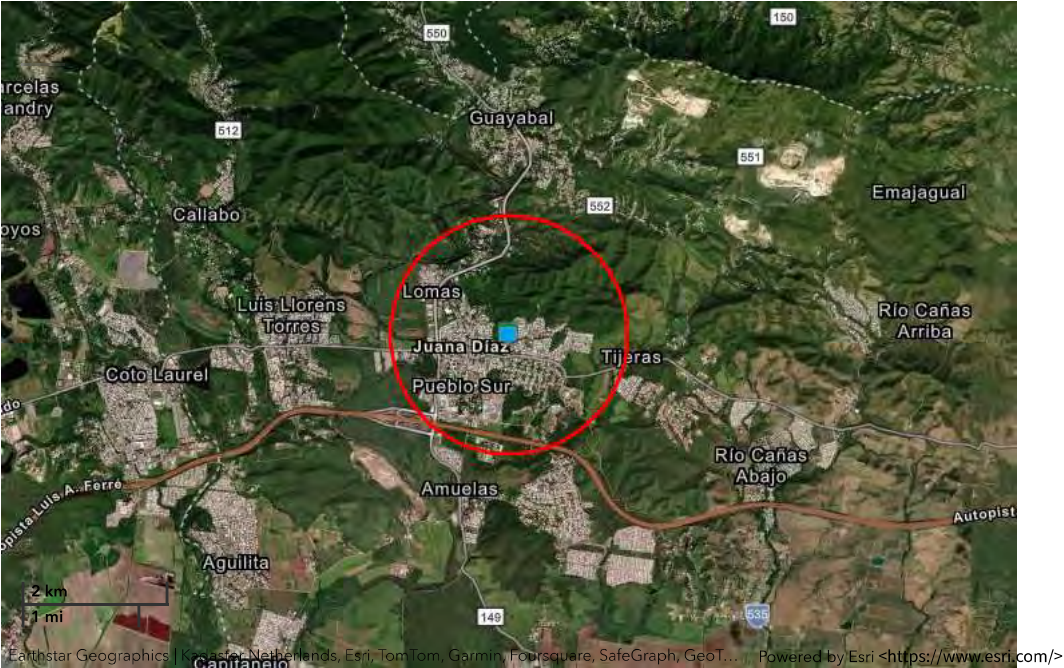
| Census Block Group ID: 720757103023 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| Supplemental Indexes | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 1 | 4 | 6 | 0 | 1 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 13 | 59 | 80 | 26 | 63 | 79 |
| Diesel Particulate Matter | 2 | 6 | 19 | 27 | 51 | 78 |
| Toxic Releases to Air | 99 | 99 | 99 | 78 | 93 | 98 |
| Traffic Proximity | 83 | 95 | 99 | 38 | 68 | 86 |
| Lead Paint | 0 | 88 | 97 | 0 | 62 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 81 | 91 | 99 | 38 | 56 | 82 |
| Hazardous Waste Proximity | 89 | 98 | 99 | 58 | 88 | 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 73 | 88 | 99 | 5 | 11 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 8,410 | Children 5 years and younger | 339 (4%) |
| Population Density | 2,710/sq.mi. | Minors 17 years and younger | 1,411 (17%) |
| Housing Units in Area | 3,813 | Adults 18 years and older | 6,998 (83%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,261 (27%) |
| Households in Area | 3,189 | | |
| Households on Public Assistance | 115 | Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Persons With Low Income | 6,821 | White | 2,095 (25%) |
| Percent With Low Income | 81% | African-American | 0 (0%) |
| | | Hispanic-Origin | 8,403 (100%) |
| | | Asian | 0 (0%) |
| | | Hawaiian/Pacific Islander | 0 (0%) |
| | | American Indian | 4 (0%) |
| | | Other/Multiracial | 436 (5%) |
| | | | |
| Geography | | Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Radius of Selected Area | 1 mi. | Less than 9th Grade | 983 (15.91%) |
| Center Latitude | 18.054444 | 9th through 12th Grade | 647 (10.47%) |
| Center Longitude | -66.500278 | High School Diploma | 1,788 (28.95%) |
| Total Area | 3.121 sq.mi. | Some College/2-year | 459 (7.43%) |
| Land Area | 99% | B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,519 (24.59%) |
| Water Area | 1% | | |
| | | | |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | | | |
| Less than \$15,000 | 1,297 (40.67%) | | |
| \$15,000 - \$25,000 | 706 (22.14%) | | |
| \$25,000 - \$50,000 | 699 (21.92%) | | |
| \$50,000 - \$75,000 | 346 (10.85%) | | |
| Greater than \$75,000 | 141 (4.42%) | | |



Detailed Facility Report

Facility Summary

JUANA DIAZ

CALLE DEGETAU #35, JUANA, PR 00795

FRS (Facility Registry Service) ID: 110064646030

EPA Region: 02

Latitude: 18.053499

Longitude: -66.506059

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 | 02/06/2013 |
| 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): Non-Major, Permit Expired (PRR040064)

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): 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 | | 110064646030 | | | | | N | 18.053499 | -66.506059 |
| ICIS-NPDES | CWA | PRR040064 | Non-Major: General Permit Covered Facility | Expired | Urban Stormwater (Small MS4) | 06/30/2021 | N | 18.053499 | -66.506059 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|--------|---------|--------------|---------------|------------------------------------|----------------------|
| FRS | | 110064646030 | JUANA DIAZ | CALLE DEGETAU #35, JUANA, PR 00795 | Juana Díaz Municipio |

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|------------|---------|------------|---------------|------------------------------------|-----------------|
| ICIS-NPDES | CWA | PRR040064 | JUANA DIAZ | CALLE DEGETAU #35, JUANA, PR 00795 | |

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 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 |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
| CWA | PRR040064 | No | 09/30/2024 | 0 | 02/07/2025 |

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 |
|---------|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | CWA (Source ID: PRR040064) | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | 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 | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
| 210100040313 | Rio Jacaguas at mouth | -- | No | No | -- | Yes |

Assessed Waters From Latest State Submission (ATTAINS)

| State | Report Cycle | Assessment Unit ID | Assessment Unit Name | Water Condition | Cause Groups Impaired | Drinking Water Use | Ecological Use | Fish Consumption Use | Recreation Use | Other Use |
|-------|--------------|--------------------|----------------------|----------------------------------|-----------------------|--------------------|--------------------------|----------------------|----------------|-----------|
| PR | 2022 | PRSRG0A1 | RIO JACAGUAS | Impaired - With Restoration Plan | PATHOGENS | Not Assessed | Insufficient Information | -- | 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 or Transferred in Pounds per Year at Site

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

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

| Chemical Name |
|--------------------------|
| No data records returned |

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

DMR and TRI Multi-Year Loading Report

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.

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

| Census Block Group ID: 720757106001 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 5 | 4 | 6 | 2 | 1 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 70 | 61 | 80 | 72 | 64 | 79 |
| Diesel Particulate Matter | 9 | 6 | 19 | 64 | 53 | 78 |
| Toxic Releases to Air | 99 | 99 | 99 | 96 | 93 | 98 |
| Traffic Proximity | 97 | 95 | 99 | 76 | 69 | 86 |
| Lead Paint | 95 | 88 | 97 | 79 | 62 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 93 | 91 | 99 | 63 | 56 | 82 |
| Hazardous Waste Proximity | 99 | 98 | 99 | 95 | 89 | 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 86 | 88 | 99 | 8 | 11 | 56 |

Census Block Group ID: 720757106001

US (Percentile)

State (Percentile)

Supplemental Indexes

Facility Census Block Group

1-mile Avg

1-mile Max

Facility Census Block Group

1-mile Avg

1-mile Max

Drinking Water Noncompliance

--

N/A

--

--

N/A

--

Map Display Based on:

☒ US

☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius

☐ Facility Census Block Group

Earthstar Geographics | Kadaster | Esri, TomTom, Garmin, FourSquare, SafeGraph, GeoT... Powered by Esri <https://www.esri.com/>

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 | 8,909 | Children 5 years and younger | 359 (4%) |
| Population Density | 2,873/sq.mi. | Minors 17 years and younger | 1,503 (17%) |
| Housing Units in Area | 4,081 | Adults 18 years and older | 7,406 (83%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,424 (27%) |
| Households in Area | 3,398 | | |
| Households on Public Assistance | 122 | Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Persons With Low Income | 7,287 | White | 2,134 (24%) |
| Percent With Low Income | 82% | African-American | 0 (0%) |
| | | Hispanic-Origin | 8,902 (100%) |
| | | Asian | 0 (0%) |
| | | Hawaiian/Pacific Islander | 0 (0%) |
| | | American Indian | 5 (0%) |
| | | Other/Multiracial | 419 (5%) |
| | | | |
| Geography | | Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Radius of Selected Area | 1 mi. | Less than 9th Grade | 1,088 (16.65%) |
| Center Latitude | 18.053499 | 9th through 12th Grade | 728 (11.14%) |
| Center Longitude | -66.506059 | High School Diploma | 1,903 (29.12%) |
| Total Area | 3.121 sq.mi. | Some College/2-year | 492 (7.53%) |
| Land Area | 99% | | |
| Water Area | 1% | | |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | | | |
| Less than \$15,000 | 1,395 (41.04%) | | |

| Income Breakdown (ACS (American Community Survey)) - Households (%) | |
|---|--------------|
| \$15,000 - \$25,000 | 736 (21.65%) |
| \$25,000 - \$50,000 | 768 (22.59%) |
| \$50,000 - \$75,000 | 356 (10.47%) |
| Greater than \$75,000 | 144 (4.24%) |

| Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
|--|----------------|
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,548 (23.69%) |



Detailed Facility Report

Facility Summary

QUALITY CLEANERS

DR. VEVE STREET #15, JUANA DIAZ, PR 00000

FRS (Facility Registry Service) ID: 110014362153

EPA Region: 02

Latitude: 18.052286

Longitude: -66.506571

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

| Statute | CAA |
|---|-------------------------|
| Compliance Monitoring Activities (5 years) | -- |
| Date of Last Compliance Monitoring Activity | -- |
| Compliance Status | No Violation Identified |
| Qtrs in Noncompliance (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |
| Statute | 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): Operating Minor (PR0000007207500009)

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRN008009714)

Safe Drinking Water Act (SDWA): 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 | | 110014362153 | | | | | N | 18.052286 | -66.506571 |
| ICIS-Air | CAA | PR0000007207500009 | Minor Emissions | Operating | CAAMACT, CAASIP | | N | 18.052286 | -66.506571 |
| RCRAInfo | RCRA | PRN008009714 | Other | Inactive () | | | N | 18.052286 | -66.506571 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|----------|---------|--------------------|------------------|---|----------------------|
| FRS | | 110014362153 | QUALITY CLEANERS | DR. VEVE STREET #15, JUANA DIAZ, PR 00000 | |
| ICIS-Air | CAA | PR0000007207500009 | QUALITY CLEANERS | DR. VEVE STREET #15, JUANA DIAZ, PR 00000 | Juana Diaz Municipio |
| RCRAInfo | RCRA | PRN008009714 | QUALITY CLEANERS | 15 DR SANTIAGO VEVE, JUANA DIAZ, PR 00795 | Juana Diaz Municipio |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|----------|--------------------|----------|------------------------------|
| ICIS-Air | PR0000007207500009 | 7219 | Laundry And Garment Services |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|----------|--------------------|------------|-------------------|
| ICIS-Air | PR0000007207500009 | 999999 | |

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------------|---|---------------|--------------------------------------|---------------------|
| CAA | PR0000007207500009 | No | 02/08/2025 | 0 | 02/07/2025 |
| RCRA | PRN008009714 | No | 02/08/2025 | 0 | 02/07/2025 |

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 | |
|---------|-------------------------------------|--------|----------|------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | CAA (Source ID: PR0000007207500009) | | | | 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 |
| | HPV History | | | | | | | | | | | | | | |
| | Violation Type | Agency | Programs | Pollutants | | | | | | | | | | | |

| Statute | Program/Pollutant/Violation Type | | | | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 |
|---------|----------------------------------|--------|--|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | RCRA (Source ID: PRN008009714) | | | | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
|--|---|---|---------------------------------|--------------------------------------|--|---|

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|-----------|-----------------------------------|---|---------------------------------|---|
|-----------|-----------------------------------|---|---------------------------------|---|

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

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles >= 90 (Census block group)
- Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

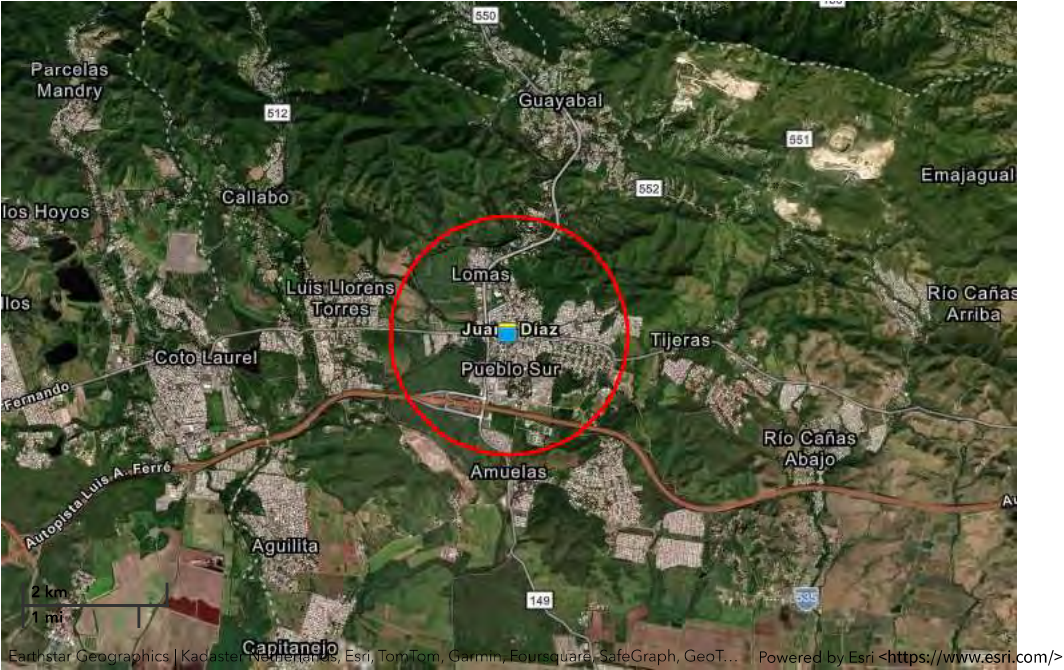
| Census Block Group ID: 720757105002 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 6 | 4 | 6 | 2 | 1 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 77 | 62 | 80 | 76 | 65 | 79 |
| Diesel Particulate Matter | 10 | 7 | 19 | 65 | 54 | 78 |
| Toxic Releases to Air | 1 99 | 1 99 | 1 99 | 1 96 | 1 93 | 1 98 |
| Traffic Proximity | 1 99 | 1 95 | 1 99 | 86 | 70 | 86 |
| Lead Paint | 1 94 | 89 | 1 97 | 76 | 63 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 1 94 | 1 91 | 1 99 | 65 | 57 | 82 |
| Hazardous Waste Proximity | 1 99 | 1 98 | 1 99 | 1 96 | 89 | 1 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 1 97 | 88 | 1 99 | 25 | 11 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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)) | |
|--|--------------|
| Total Persons | 8,922 |
| Population Density | 2,877/sq.mi. |
| Housing Units in Area | 4,087 |
| Percent People of Color | 100% |
| Households in Area | 3,402 |
| Households on Public Assistance | 123 |
| Persons With Low Income | 7,284 |
| Percent With Low Income | 82% |

| Geography | |
|-------------------------|--------------|
| Radius of Selected Area | 1 mi. |
| Center Latitude | 18.052286 |
| Center Longitude | -66.506571 |
| Total Area | 3.121 sq.mi. |
| Land Area | 99% |
| Water Area | 1% |

| Income Breakdown (ACS (American Community Survey)) - Households (%) | |
|---|----------------|
| Less than \$15,000 | 1,387 (40.77%) |
| \$15,000 - \$25,000 | 738 (21.69%) |
| \$25,000 - \$50,000 | 770 (22.63%) |
| \$50,000 - \$75,000 | 354 (10.41%) |
| Greater than \$75,000 | 153 (4.5%) |

| Age Breakdown (ACS (American Community Survey)) - Persons (%) | |
|---|-------------|
| Children 5 years and younger | 361 (4%) |
| Minors 17 years and younger | 1,514 (17%) |
| Adults 18 years and older | 7,407 (83%) |
| Seniors 65 years and older | 2,424 (27%) |

| Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
|--|--------------|
| White | 2,126 (24%) |
| African-American | 0 (0%) |
| Hispanic-Origin | 8,915 (100%) |
| Asian | 0 (0%) |
| Hawaiian/Pacific Islander | 0 (0%) |
| American Indian | 5 (0%) |
| Other/Multiracial | 420 (5%) |

| Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 1,081 (16.54%) |
| 9th through 12th Grade | 729 (11.16%) |
| High School Diploma | 1,895 (29%) |
| Some College/2-year | 492 (7.53%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,557 (23.83%) |



Detailed Facility Report

Facility Summary

SHELL CO PR LTD SS 0736 GARAGE MARTINEZ

BARBOSA ST, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110007818763

EPA Region: 02

Latitude: 18.052222

Longitude: -66.508611

Locational Data Source: ICIS

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, (PRR000005231)

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 | | 110007818763 | | | | | N | 18.052222 | -66.508611 |
| ICIS | | 1400002770 | | | | | N | 18.052222 | 66.508611 |
| RCRAInfo | RCRA | PRR000005231 | Other | Inactive () | | | N | 18.047662 | -66.546869 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|----------|---------|--------------|---|----------------------------------|----------------------|
| FRS | | 110007818763 | SHELL CO PR LTD SS 0736 GARAGE MARTINEZ | BARBOSA ST, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| ICIS | | 1400002770 | SHELL #736 (204201) | BARBOSA ST, JUANA DIAZ, PR 00079 | Juana Díaz Municipio |
| RCRAInfo | RCRA | PRR000005231 | SHELL CO PR LTD SS 0736 GARAGE MARTINEZ | BARBOSA ST, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------|------------|----------|-----------------|
|--------|------------|----------|-----------------|

No data records returned

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------|------------|------------|-------------------|
|--------|------------|------------|-------------------|

No data records returned

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | PRR000005231 | No | 02/08/2025 | 0 | 02/07/2025 |

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: PRR000005231) | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
|--|---|---|---------------------------------|--------------------------------------|--|---|

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|-----------|-----------------------------------|---|---------------------------------|---|
|-----------|-----------------------------------|---|---------------------------------|---|

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

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

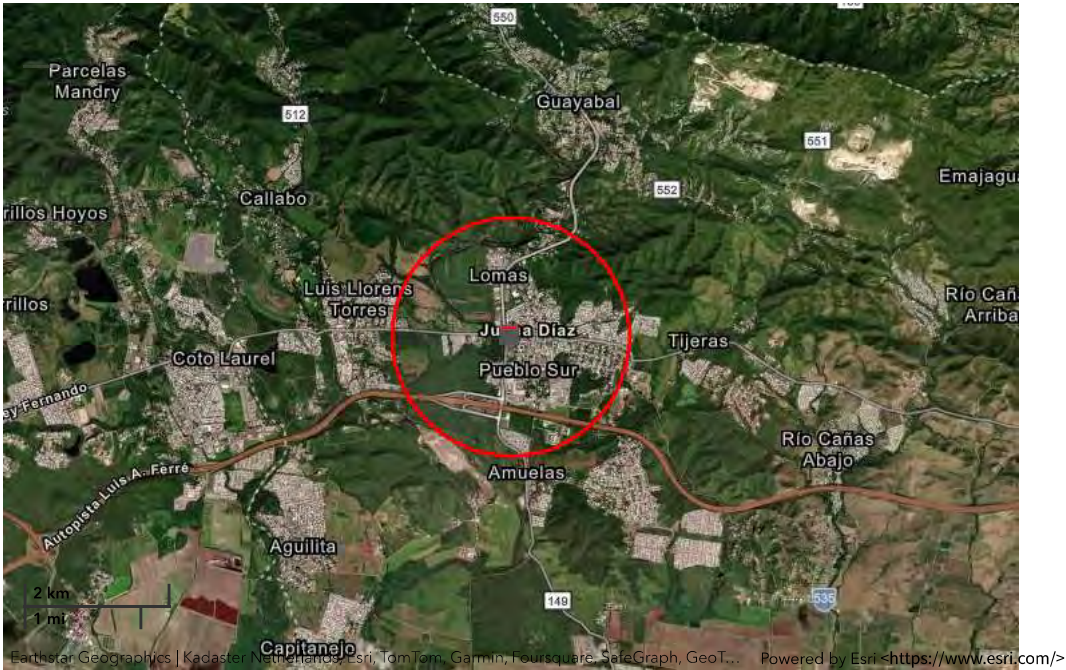
| Census Block Group ID: 720757105002 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| Supplemental Indexes | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 6 | 5 | 6 | 2 | 2 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 77 | 63 | 80 | 76 | 66 | 79 |
| Diesel Particulate Matter | 10 | 7 | 19 | 65 | 55 | 78 |
| Toxic Releases to Air | 1 99 | 1 99 | 1 99 | 1 96 | 1 94 | 1 98 |
| Traffic Proximity | 1 99 | 1 96 | 1 99 | 86 | 71 | 86 |
| Lead Paint | 1 94 | 1 90 | 1 97 | 76 | 65 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 1 94 | 1 91 | 1 99 | 65 | 58 | 82 |
| Hazardous Waste Proximity | 1 99 | 1 98 | 1 99 | 1 96 | 1 90 | 1 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 1 97 | 89 | 1 99 | 25 | 12 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 8,855 | Children 5 years and younger | 365 (4%) |
| Population Density | 2,856/sq.mi. | Minors 17 years and younger | 1,513 (17%) |
| Housing Units in Area | 4,065 | Adults 18 years and older | 7,339 (83%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,403 (27%) |
| Households in Area | 3,382 | | |
| Households on Public Assistance | 125 | Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Persons With Low Income | 7,256 | White | 2,090 (24%) |
| Percent With Low Income | 82% | African-American | 0 (0%) |
| | | Hispanic-Origin | 8,848 (100%) |
| | | Asian | 0 (0%) |
| | | Hawaiian/Pacific Islander | 0 (0%) |
| | | American Indian | 5 (0%) |
| | | Other/Multiracial | 410 (5%) |
| | | | |
| Geography | | Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Radius of Selected Area | 1 mi. | Less than 9th Grade | 1,094 (16.9%) |
| Center Latitude | 18.052222 | 9th through 12th Grade | 735 (11.35%) |
| Center Longitude | -66.508611 | High School Diploma | 1,876 (28.98%) |
| Total Area | 3,121 sq.mi. | Some College/2-year | 489 (7.55%) |
| Land Area | 99% | B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,527 (23.59%) |
| Water Area | 1% | | |
| | | | |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | | | |
| Less than \$15,000 | 1,387 (41.04%) | | |
| \$15,000 - \$25,000 | 729 (21.57%) | | |
| \$25,000 - \$50,000 | 772 (22.84%) | | |
| \$50,000 - \$75,000 | 344 (10.18%) | | |
| Greater than \$75,000 | 148 (4.38%) | | |



Detailed Facility Report

Facility Summary

JUANA DIAZ STP

PR-149 KM 67.3, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110007804215

EPA Region: 02

Latitude: 18.048351

Longitude: -66.508864

Locational Data Source: RCRAINFO

Industries: Utilities

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, (PRD000689620)

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 | | 110007804215 | | | | | N | 18.048351 | -66.508864 |
| RCRAInfo | RCRA | PRD000689620 | Other | Inactive () | | | N | 18.048351 | -66.508864 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|----------|---------|--------------|----------------|--|----------------------|
| FRS | | 110007804215 | JUANA DIAZ STP | PR-149 KM 67.3, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| RCRAInfo | RCRA | PRD000689620 | JUANA DIAZ STP | STATE RD 149 KM 67.3, JUANA DIAZ, PR 00665 | Juana Díaz 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 | PRD000689620 | 22132 | Sewage Treatment Facilities |

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | PRD000689620 | No | 02/08/2025 | 0 | 02/07/2025 |

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: PRD000689620) | | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
| No data records returned | | | | | | |

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|-----------|-----------------------------------|---|---------------------------------|---|
|-----------|-----------------------------------|---|---------------------------------|---|

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

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

| Census Block Group ID: 720757105001 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Supplemental Indexes | | | | | | |
| Count of Indexes At or Above 90th Percentile | 5 | 4 | 6 | 2 | 2 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 80 | 64 | 80 | 79 | 66 | 79 |
| Diesel Particulate Matter | 9 | 7 | 19 | 65 | 54 | 78 |
| Toxic Releases to Air | 99 | 99 | 99 | 96 | 93 | 98 |
| Traffic Proximity | 98 | 96 | 99 | 84 | 71 | 86 |
| Lead Paint | 95 | 89 | 97 | 82 | 65 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 93 | 91 | 99 | 64 | 57 | 82 |
| Hazardous Waste Proximity | 99 | 98 | 99 | 96 | 90 | 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 87 | 88 | 99 | 8 | 11 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 8,547 | Children 5 years and younger | 364 (4%) |
| Population Density | 2,758/sq.mi. | Minors 17 years and younger | 1,516 (18%) |
| Housing Units in Area | 3,897 | Adults 18 years and older | 7,032 (82%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,264 (26%) |
| Households in Area | 3,251 | | |
| Households on Public Assistance | 120 | Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Persons With Low Income | 6,989 | White | 2,006 (23%) |
| Percent With Low Income | 82% | African-American | 0 (0%) |
| | | Hispanic-Origin | 8,540 (100%) |
| | | Asian | 0 (0%) |
| | | Hawaiian/Pacific Islander | 0 (0%) |
| | | American Indian | 5 (0%) |
| | | Other/Multiracial | 405 (5%) |
| | | | |
| Geography | | Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Radius of Selected Area | 1 mi. | Less than 9th Grade | 1,020 (16.4%) |
| Center Latitude | 18.048351 | 9th through 12th Grade | 693 (11.14%) |
| Center Longitude | -66.508864 | High School Diploma | 1,816 (29.2%) |
| Total Area | 3.121 sq.mi. | Some College/2-year | 470 (7.56%) |
| Land Area | 99% | B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,473 (23.69%) |
| Water Area | 1% | | |
| | | | |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | | | |
| Less than \$15,000 | 1,315 (40.47%) | | |
| \$15,000 - \$25,000 | 724 (22.28%) | | |
| \$25,000 - \$50,000 | 727 (22.38%) | | |
| \$50,000 - \$75,000 | 313 (9.63%) | | |
| Greater than \$75,000 | 170 (5.23%) | | |



Detailed Facility Report

Facility Summary

R4 ENTERPRISES CORP

STATE RD 1 KM 113.6, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110012243811

EPA Region: 02

Latitude: 18.048408

Longitude: -66.505499

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 | 10/28/2005 |
| 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, (PRR000014860)

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 | | 110012243811 | | | | | N | 18.048408 | -66.505499 |
| RCRAInfo | RCRA | PRR000014860 | Other | Inactive () | | | N | 18.048408 | -66.505499 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|----------|---------|--------------|---------------------|---|----------------------|
| FRS | | 110012243811 | R4 ENTERPRISES CORP | STATE RD 1 KM 113.6, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| RCRAInfo | RCRA | PRR000014860 | R4 ENTERPRISES CORP | STATE RD 1 KM 113.6, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------|------------|----------|-----------------|
|--------|------------|----------|-----------------|

No data records returned

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------|------------|------------|-------------------|
|--------|------------|------------|-------------------|

No data records returned

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | PRR000014860 | No | 02/08/2025 | 0 | 02/07/2025 |

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: PRR000014860) | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
|--|---|---|---------------------------------|--------------------------------------|--|---|

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|-----------|-----------------------------------|---|---------------------------------|---|
|-----------|-----------------------------------|---|---------------------------------|---|

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

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

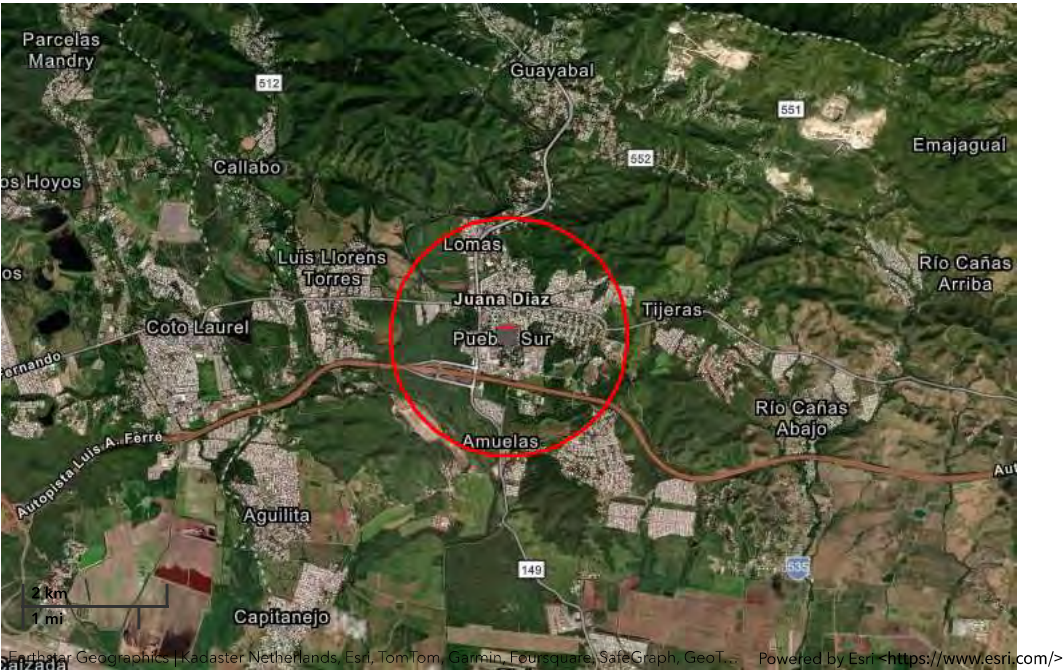
| Census Block Group ID: 720757104002 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| Supplemental Indexes | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 5 | 4 | 6 | 2 | 1 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 69 | 62 | 80 | 74 | 65 | 79 |
| Diesel Particulate Matter | 10 | 6 | 19 | 66 | 52 | 78 |
| Toxic Releases to Air | 1 99 | 1 99 | 1 99 | 1 97 | 1 93 | 1 98 |
| Traffic Proximity | 1 97 | 1 95 | 1 99 | 77 | 69 | 86 |
| Lead Paint | 1 94 | 88 | 1 97 | 77 | 62 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 1 93 | 1 90 | 1 99 | 63 | 55 | 82 |
| Hazardous Waste Proximity | 1 99 | 1 98 | 1 99 | 1 99 | 89 | 1 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 88 | 87 | 1 99 | 8 | 10 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 8,801 | Children 5 years and younger | 371 (4%) |
| Population Density | 2,840/sq.mi. | Minors 17 years and younger | 1,529 (17%) |
| Housing Units in Area | 3,974 | Adults 18 years and older | 7,273 (83%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,342 (27%) |
| Households in Area | 3,334 | | |
| Households on Public Assistance | 119 | Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Persons With Low Income | 7,110 | White | 2,036 (23%) |
| Percent With Low Income | 81% | African-American | 0 (0%) |
| | | Hispanic-Origin | 8,794 (100%) |
| | | Asian | 0 (0%) |
| | | Hawaiian/Pacific Islander | 0 (0%) |
| | | American Indian | 5 (0%) |
| | | Other/Multiracial | 462 (5%) |
| | | | |
| Geography | | Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Radius of Selected Area | 1 mi. | Less than 9th Grade | 1,007 (15.68%) |
| Center Latitude | 18.048408 | 9th through 12th Grade | 679 (10.57%) |
| Center Longitude | -66.505499 | High School Diploma | 1,871 (29.14%) |
| Total Area | 3.121 sq.mi. | Some College/2-year | 498 (7.76%) |
| Land Area | 99% | B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,584 (24.67%) |
| Water Area | 1% | | |
| | | | |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | | | |
| Less than \$15,000 | 1,333 (39.95%) | | |
| \$15,000 - \$25,000 | 736 (22.06%) | | |
| \$25,000 - \$50,000 | 748 (22.42%) | | |
| \$50,000 - \$75,000 | 329 (9.86%) | | |
| Greater than \$75,000 | 191 (5.72%) | | |



Detailed Facility Report

Facility Summary

COOPERVISION MANUFACTURING PUERTO RICO LLC

500 PR-584, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110060259928

EPA Region: 02

Latitude: 18.015139

Longitude: -66.533845

Locational Data Source: RCRAINFO

Industries: Miscellaneous Manufacturing

Indian Country: N

Enforcement and Compliance Summary

| Statute | RCRA |
|---|-------------------------|
| Compliance Monitoring Activities (5 years) | 1 |
| Date of Last Compliance Monitoring Activity | 09/14/2023 |
| Compliance Status | No Violation Identified |
| Qtrs in Noncompliance (of 12) | 3 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | 1 |
| 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 LQG, (PRR000010918)

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): 0079WCPRVSRAD58

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 | | 110060259928 | | | | | N | 18.015139 | -66.533845 |
| TRI | EP313 | 0079WCPRVSRAD58 | Toxics Release Inventory | Last Reported for 2023 | | | N | 18.015139 | -66.533845 |
| RCRAInfo | RCRA | PRR000010918 | LQG | Active (H) | | | N | 18.015139 | -66.533845 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|----------|---------|-----------------|--|--|----------------------|
| FRS | | 110060259928 | COOPERVISION MANUFACTURING PUERTO RICO LLC | 500 PR-584, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| TRI | EP313 | 0079WCPRVSRAD58 | COOPERVISION MANUFACTURING PUERTO RICO LLC | 500 RD PR-584 KM 0.9 AMUELAS IND US TRIAL PARK, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| RCRAInfo | RCRA | PRR000010918 | COOPERVISION MANUFACTURING PUERTO RICO LLC | 500 PR-584, JUANA DIAZ, PR 00795 | Juana Díaz 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 |
|----------|-----------------|------------|--------------------------------|
| TRI | 0079WCPRVSRAD58 | 339115 | Ophthalmic Goods Manufacturing |
| RCRAInfo | PRR000010918 | 339115 | Ophthalmic Goods Manufacturing |

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.

| Compliance Monitoring | | | | Violations | | | Enforcement Actions | | | | |
|-----------------------|------------------------------------|------------------------------|----------------------------|---|------------------|---------------------------|---------------------------|------------------|-------------------------|------------------|------------------|
| Source ID | Compliance Monitoring Type | Compliance Monitoring Agency | Compliance Monitoring Date | Violation Type | Violation Agency | Violation Determined Date | Return to Compliance Date | Enforcement Type | Enforcement Action Date | Penalty Assessed | Comp Action Cost |
| PRR000010918 | Compliance Evaluation Inspection | EPA | 09/14/2023 | 262.A: Generators - General | EPA | 09/14/2023 | 01/08/2024 | Written Informal | 12/21/2023 | -- | -- |
| | | | | 262.M: Preparedness, Prevention, and Emergency Procedures | | | | | | | |
| | | | | 262.M: Preparedness, Prevention, and Emergency Procedures | | | | | | | |
| <i>PRR000010918</i> | <i>Non-Financial Record Review</i> | <i>EPA</i> | <i>05/04/2022</i> | No Violation Identified | -- | -- | -- | | | | |
| PRR000010918 | Compliance Evaluation Inspection | EPA | 02/10/2017 | No Violation Identified | -- | -- | -- | | | | |
| PRR000010918 | Compliance Evaluation Inspection | State | 05/13/2015 | No Violation Identified | -- | -- | -- | | | | |

Entries in italics are not counted as compliance monitoring strategy activities. For programs without compliance monitoring strategies, entries in italics are not counted as on-site activities within EPA's Annual Results.

Compliance Monitoring History

Last 5 Years

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|---------|---------------------|----------------------|------------------------------|------------------------------------|-------------|-------------------|--|
| RCRA | PRR000010918 | RCRAInfo/ICIS | Inspection/Evaluation | Compliance Evaluation Inspection | EPA | 09/14/2023 | Violations Or Compliance Issues Were Found |
| RCRA | <i>PRR000010918</i> | <i>RCRAInfo/ICIS</i> | <i>Offsite Record Review</i> | <i>Non-Financial Record Review</i> | <i>EPA</i> | <i>05/04/2022</i> | <i>No Violations Or Compliance Issues Were Found</i> |

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 | PRR000010918 | No | 02/08/2025 | 3 | 02/07/2025 |

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: PRR000010918) | 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 |

| 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 |
|---------|---|--------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------|-----------|------------|-------------------------|-------------------------|-------------------------|
| | Facility-Level Status | | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | Violation Identified | Violation | Violation | No Violation Identified | No Violation Identified | No Violation Identified |
| | Violation | Agency | | | | | | | | | | | |
| RCRA | 262.A: Generators - General | EPA | | | | | | 09/14/2023 | → | 01/08/2024 | | | |
| RCRA | 262.M: Preparedness, Prevention, and Emergency Procedures | EPA | | | | | | 09/14/2023 | → | 01/08/2024 | | | |
| RCRA | 262.M: Preparedness, Prevention, and Emergency Procedures | EPA | | | | | | 09/14/2023 | → | 01/08/2024 | | | |

Informal Enforcement Actions

Last 5 Years

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|---------|----------|--------------|------------------|-------------|------------|
| RCRA | RCRAInfo | PRR000010918 | WRITTEN INFORMAL | EPA | 12/21/2023 |

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

| Pollutant | Within Nonattainment Status Area? | Nonattainment Status Applicable Standard(s) | Within Maintenance Status Area? | Maintenance Status Applicable Standard(s) |
|-----------|-----------------------------------|---|---------------------------------|---|
|-----------|-----------------------------------|---|---------------------------------|---|

No data records returned

Pollutants

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

Air Pollutant Report

TRI Pollution Prevention Report

| 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 |
|-----------------|------|---------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| 0079WCPRVSRAD58 | 2023 | 132 | -- | 42,914 | -- | -- | 132 | 428,249 |
| 0079WCPRVSRAD58 | 2022 | 16,229 | -- | 33,078 | -- | -- | 16,229 | 415,698 |
| 0079WCPRVSRAD58 | 2021 | 13,682 | 0 | 33,547 | -- | -- | 13,682 | 267,911 |
| 0079WCPRVSRAD58 | 2020 | 2,964 | 0 | 68,709 | -- | -- | 2,964 | 331,182 |
| 0079WCPRVSRAD58 | 2019 | 295 | 0 | 42,573 | -- | -- | 295 | 299,898 |
| 0079WCPRVSRAD58 | 2018 | 194 | 0 | 29,178 | -- | -- | 194 | 251,935 |
| 0079WCPRVSRAD58 | 2017 | 197 | 0 | 21,393 | -- | -- | 197 | 201,015 |
| 0079WCPRVSRAD58 | 2016 | 195 | 0 | 26,782 | -- | -- | 195 | 270,094 |
| 0079WCPRVSRAD58 | 2015 | 194 | -- | 30,072 | -- | -- | 194 | 256,183 |

| 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 |
|-----------------|------|---------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| 0079WCPRVSRAD58 | 2014 | 194 | -- | 14,438 | -- | -- | 194 | 253,007 |

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 |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Methanol | 428,381 | 431,927 | 281,592 | 334,146 | 300,193 | 252,129 | 201,209 | 270,289 | 256,377 | 253,201 |
| Naphthalene | -- | -- | -- | -- | -- | -- | 3 | -- | -- | -- |

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 11/9/2024)

| Source ID | Waste Description | 2022 | 2023 | 2024 | 2025 |
|--------------|--------------------------------|--------|--------|--------|------|
| PRR000010918 | Hazardous Waste | 16,935 | 21,117 | 14,228 | -- |
| PRR000010918 | Acute Hazardous Waste | 0 | 0 - 1 | 0 | -- |
| PRR000010918 | Pharmaceutical Hazardous Waste | 0 | 0 | 0 | -- |

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

Community

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

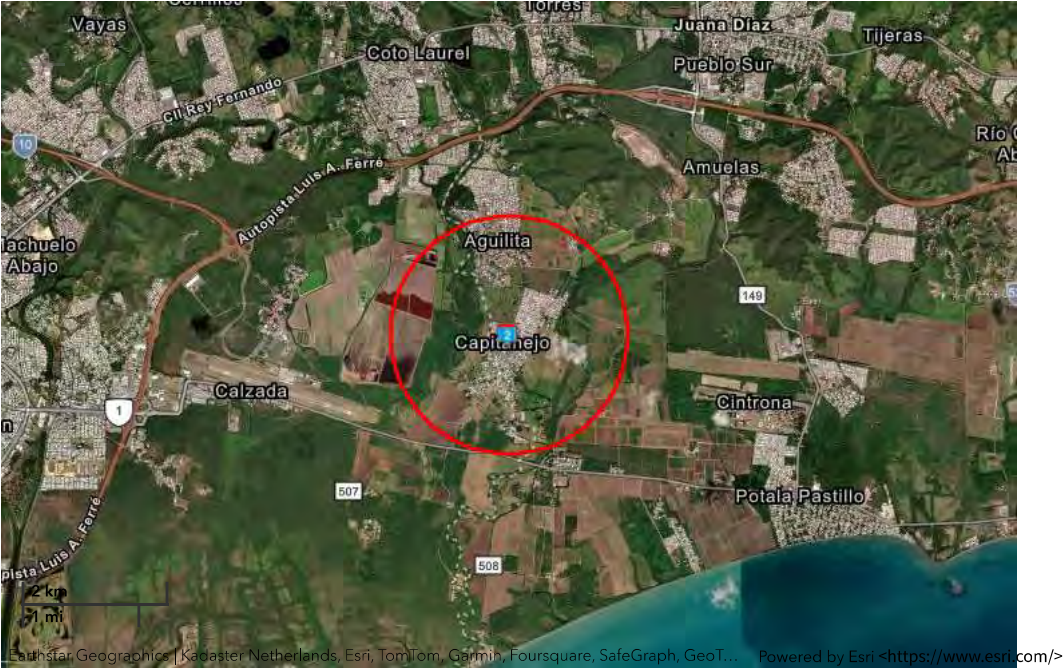
| Census Block Group ID: 720757109021 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 4 | 4 | 6 | 0 | 0 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 16 | 20 | 50 | 28 | 34 | 54 |
| Diesel Particulate Matter | 4 | 4 | 11 | 38 | 40 | 62 |
| Toxic Releases to Air | 98 | 99 | 99 | 75 | 81 | 94 |
| Traffic Proximity | 80 | 86 | 95 | 35 | 43 | 65 |
| Lead Paint | 61 | 80 | 99 | 31 | 49 | 94 |
| Risk Management Plan (RMP) Facility Proximity | 91 | 95 | 99 | 54 | 62 | 84 |
| Hazardous Waste Proximity | 98 | 97 | 98 | 87 | 82 | 91 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 92 | 95 | 99 | 22 | 26 | 47 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 4,916 | Children 5 years and younger | 191 (4%) |
| Population Density | 1,921/sq.mi. | Minors 17 years and younger | 1,135 (23%) |
| Housing Units in Area | 2,011 | Adults 18 years and older | 3,781 (77%) |
| Percent People of Color | 100% | Seniors 65 years and older | 820 (17%) |
| Households in Area | 1,670 | | |
| Households on Public Assistance | 60 | Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Persons With Low Income | 3,988 | White | 1,043 (21%) |
| Percent With Low Income | 82% | African-American | 0 (0%) |
| | | Hispanic-Origin | 4,913 (100%) |
| | | Asian | 0 (0%) |
| | | Hawaiian/Pacific Islander | 0 (0%) |
| | | American Indian | 0 (0%) |
| | | Other/Multiracial | 195 (4%) |
| | | | |
| Geography | | Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Radius of Selected Area | 1 mi. | Less than 9th Grade | 469 (13.98%) |
| Center Latitude | 18.015139 | 9th through 12th Grade | 276 (8.23%) |
| Center Longitude | -66.533845 | High School Diploma | 979 (29.18%) |
| Total Area | 3.121 sq.mi. | Some College/2-year | 393 (11.71%) |
| Land Area | 82% | B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 770 (22.95%) |
| Water Area | 18% | | |
| | | | |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | | | |
| Less than \$15,000 | 484 (29%) | | |
| \$15,000 - \$25,000 | 374 (22.41%) | | |
| \$25,000 - \$50,000 | 575 (34.45%) | | |
| \$50,000 - \$75,000 | 152 (9.11%) | | |
| Greater than \$75,000 | 84 (5.03%) | | |



Detailed Facility Report

Facility Summary

COOPERVISION CARIBBEAN CORP

PR-584 KM 0.9 AMUELAS INDUSTRIAL PARK, JUANA DIAZ,
PR 00795

FRS (Facility Registry Service) ID: 110064860850

EPA Region: 02

Latitude: 18.044725

Longitude: -66.502789

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 | 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): Non-Major, Permit Terminated; Compliance Tracking Off (PRR053015), Non-Major, Permit Admin Continued (PRNOE3263)

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 | | 110064860850 | | | | | N | 18.044725 | -66.502789 |
| ICIS-NPDES | CWA | PRR053015 | Non-Major: General Permit Covered Facility | Terminated; Compliance Tracking Off | Industrial Stormwater | 06/03/2020 | N | 18.044722 | -66.501944 |
| ICIS-NPDES | CWA | PRNOE3263 | Non-Major: General Permit Covered Facility | Admin Continued | Industrial Stormwater | 12/29/2020 | N | 18.044722 | -66.501944 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|------------|---------|--------------|------------------------------|--|----------------------|
| FRS | | 110064860850 | COOPERVISION CARIBBEAN CORP | PR-584 KM 0.9 AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| ICIS-NPDES | CWA | PRR053015 | COOPERVISION CARIBBEAN CORP. | ROAD 584, KM.0.9, AMUELAS INDUSTRIAL PARK, JUANA DÍAZ, PR 00795 | Juana Díaz Municipio |
| ICIS-NPDES | CWA | PRNOE3263 | COOPERVISION CARIBBEAN CORP. | ROAD 584, KM. 0.9, AMUELAS INDUSTRIAL PARK, JUANA D7AZ, PR 00795 | |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|------------|------------|----------|---------------------------------|
| ICIS-NPDES | PRNOE3263 | 3851 | Ophthalmic Goods- Manufacturing |
| ICIS-NPDES | PRR053015 | 3851 | Ophthalmic Goods- Manufacturing |

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 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 |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
| CWA | PRR053015 | No | 09/30/2024 | 0 | 02/07/2025 |
| CWA | PRNOE3263 | No | 09/30/2024 | 0 | 02/07/2025 |

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 |
|----------------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CWA (Source ID: PRR053015) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | Quarterly Noncompliance Report History | | | | | | | | | | | |
| CWA (Source ID: PRNOE3263) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | 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 | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
| 210100040313 | Rio Jacaguas at mouth | UNNAMED CREEK TRIBUTARY OF THE GUANABANA CREEK | No | No | -- | Yes |

Assessed Waters From Latest State Submission (ATTAINS)

| State | Report Cycle | Assessment Unit ID | Assessment Unit Name | Water Condition | Cause Groups Impaired | Drinking Water Use | Ecological Use | Fish Consumption Use | Recreation Use | Other Use |
|-------|--------------|--------------------|----------------------|----------------------------------|-----------------------|--------------------|--------------------------|----------------------|----------------|-----------|
| PR | 2022 | PRSR60A1 | RIO JACAGUAS | Impaired - With Restoration Plan | PATHOGENS | Not Assessed | Insufficient Information | -- | 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 or Transferred in Pounds per Year at Site

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

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

| Chemical Name |
|--------------------------|
| No data records returned |

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

DMR and TRI Multi-Year Loading Report

| NPDES ID | Description |
|--------------------------|-------------|
| No data records returned | |

Community

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles >= 90 (Census block group)
- Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

| Census Block Group ID: 720757104002 | US (Percentile) | | | State (Percentile) | | |
|--|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 5 | 3 | 6 | 2 | 1 | 2 |

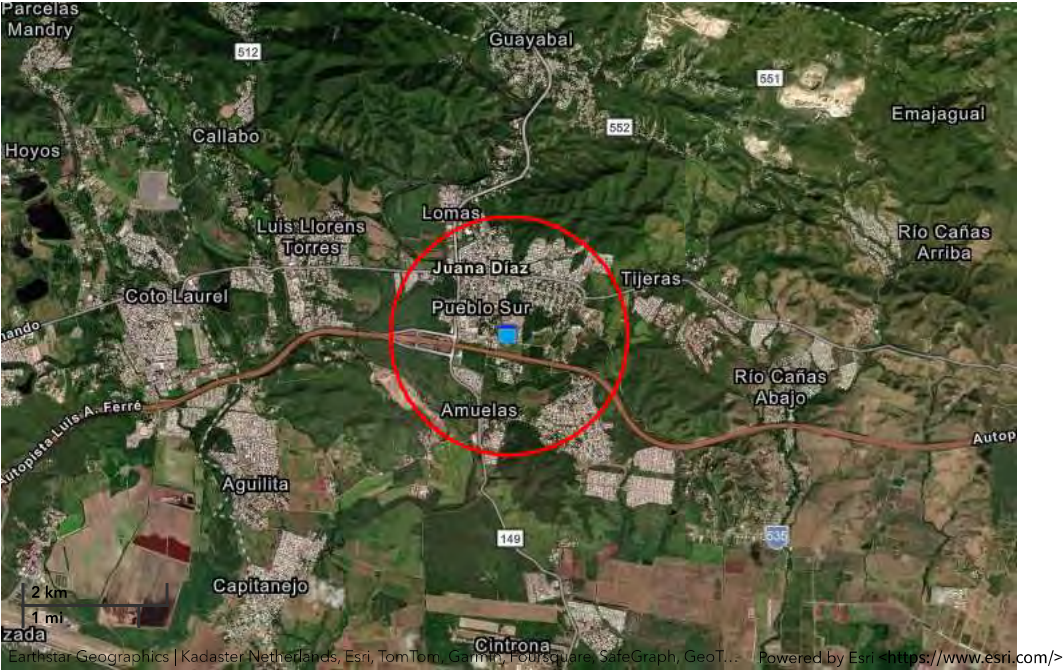
| Census Block Group ID: 720757104002 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 69 | 59 | 80 | 74 | 62 | 79 |
| Diesel Particulate Matter | 10 | 5 | 19 | 66 | 45 | 78 |
| Toxic Releases to Air | 99 | 99 | 99 | 97 | 91 | 98 |
| Traffic Proximity | 97 | 94 | 99 | 77 | 64 | 86 |
| Lead Paint | 94 | 84 | 97 | 77 | 56 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 93 | 89 | 99 | 63 | 52 | 82 |
| Hazardous Waste Proximity | 99 | 98 | 99 | 99 | 85 | 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 88 | 85 | 99 | 8 | 9 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 9,291 | Children 5 years and younger | 426 (5%) |
| Population Density | 2,998/sq.mi. | Minors 17 years and younger | 1,674 (18%) |
| Housing Units in Area | 4,055 | Adults 18 years and older | 7,617 (82%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,313 (25%) |
| Households in Area | 3,451 | | |

| General Statistics (ACS (American Community Survey)) | |
|---|----------------|
| Households on Public Assistance | 127 |
| Persons With Low Income | 7,450 |
| Percent With Low Income | 80% |
| Geography | |
| Radius of Selected Area | 1 mi. |
| Center Latitude | 18.044725 |
| Center Longitude | -66.502789 |
| Total Area | 3.121 sq.mi. |
| Land Area | 99% |
| Water Area | 1% |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | |
| Less than \$15,000 | 1,338 (38.77%) |
| \$15,000 - \$25,000 | 741 (21.47%) |
| \$25,000 - \$50,000 | 808 (23.41%) |
| \$50,000 - \$75,000 | 309 (8.95%) |
| Greater than \$75,000 | 255 (7.39%) |

| Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
|--|----------------|
| White | 1,958 (21%) |
| African-American | 0 (0%) |
| Hispanic-Origin | 9,285 (100%) |
| Asian | 0 (0%) |
| Hawaiian/Pacific Islander | 0 (0%) |
| American Indian | 5 (0%) |
| Other/Multiracial | 618 (7%) |
| Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Less than 9th Grade | 984 (14.63%) |
| 9th through 12th Grade | 644 (9.58%) |
| High School Diploma | 2,031 (30.21%) |
| Some College/2-year | 566 (8.42%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,706 (25.37%) |



Detailed Facility Report

Facility Summary

COGENERATION PROJECT

500 PR-584 AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110070815385

EPA Region: 02

Latitude: 18.0458

Longitude: -66.5022

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 | 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): Non-Major, Permit Effective (PRR10009X), Non-Major, Permit Effective (PRR10009Y)

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 | | 110070815385 | | | | | N | 18.0458 | -66.5022 |
| ICIS-NPDES | CWA | PRR10009X | Non-Major: General Permit Covered Facility | Effective | Construction Stormwater | 02/16/2027 | N | 18.0458 | -66.5022 |
| ICIS-NPDES | CWA | PRR10009Y | Non-Major: General Permit Covered Facility | Effective | Construction Stormwater | 02/16/2027 | N | 18.0468 | -66.5009 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|------------|---------|--------------|----------------------|--|----------------------|
| FRS | | 110070815385 | COGENERATION PROJECT | 500 PR-584 AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| ICIS-NPDES | CWA | PRR10009X | COGENERATION PROJECT | 500 PR-584 AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |
| ICIS-NPDES | CWA | PRR10009Y | COGENERATION PROJECT | 500 PR-584 AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |

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 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 |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
| CWA | PRR10009X | No | 09/30/2024 | 0 | 02/07/2025 |
| CWA | PRR10009Y | No | 09/30/2024 | 0 | 02/07/2025 |

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 |
|---------|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | CWA (Source ID: PRR10009X) | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | Quarterly Noncompliance Report History | | | | | | | | | | | |
| | CWA (Source ID: PRR10009Y) | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | 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 | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
| 210100040313 | Rio Jacaguas at mouth | RIO JACAGUAS | No | No | -- | Yes |

Assessed Waters From Latest State Submission (ATTAINS)

| State | Report Cycle | Assessment Unit ID | Assessment Unit Name | Water Condition | Cause Groups Impaired | Drinking Water Use | Ecological Use | Fish Consumption Use | Recreation Use | Other Use |
|-------|--------------|--------------------|----------------------|----------------------------------|-----------------------|--------------------|--------------------------|----------------------|----------------|-----------|
| PR | 2022 | PRSR60A1 | RIO JACAGUAS | Impaired - With Restoration Plan | PATHOGENS | Not Assessed | Insufficient Information | -- | 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 or Transferred in Pounds per Year at Site

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

No data records returned

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

| Chemical Name |
|---------------|
|---------------|

No data records returned

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

DMR and TRI Multi-Year Loading Report

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.

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

| Census Block Group ID: 720757104002 | US (Percentile) | | | State (Percentile) | | |
|--|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 5 | 3 | 6 | 2 | 1 | 2 |

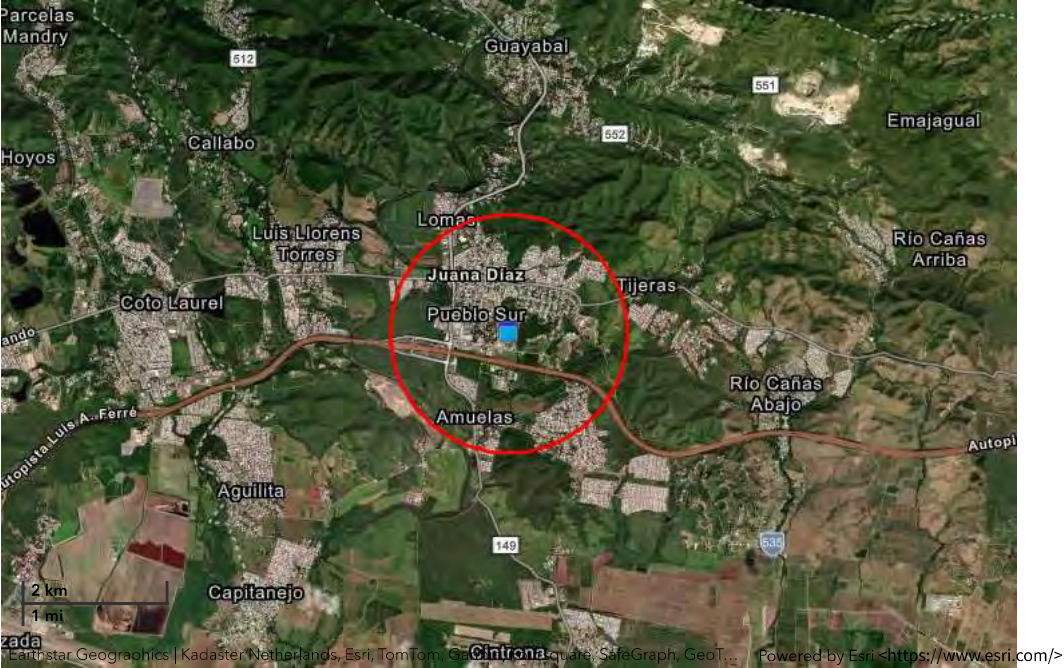
| Census Block Group ID: 720757104002 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 69 | 59 | 80 | 74 | 62 | 79 |
| Diesel Particulate Matter | 10 | 5 | 19 | 66 | 45 | 78 |
| Toxic Releases to Air | 99 | 99 | 99 | 97 | 91 | 98 |
| Traffic Proximity | 97 | 94 | 99 | 77 | 64 | 86 |
| Lead Paint | 94 | 84 | 97 | 77 | 56 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 93 | 89 | 99 | 63 | 52 | 82 |
| Hazardous Waste Proximity | 99 | 98 | 99 | 99 | 85 | 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 88 | 85 | 99 | 8 | 9 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 9,294 | Children 5 years and younger | 422 (5%) |
| Population Density | 2,998/sq.mi. | Minors 17 years and younger | 1,651 (18%) |
| Housing Units in Area | 4,075 | Adults 18 years and older | 7,642 (82%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,343 (25%) |
| Households in Area | 3,463 | | |

| General Statistics (ACS (American Community Survey)) | |
|---|----------------|
| Households on Public Assistance | 128 |
| Persons With Low Income | 7,454 |
| Percent With Low Income | 80% |
| Geography | |
| Radius of Selected Area | 1 mi. |
| Center Latitude | 18.0458 |
| Center Longitude | -66.5022 |
| Total Area | 3.121 sq.mi. |
| Land Area | 99% |
| Water Area | 1% |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | |
| Less than \$15,000 | 1,344 (38.84%) |
| \$15,000 - \$25,000 | 742 (21.45%) |
| \$25,000 - \$50,000 | 809 (23.38%) |
| \$50,000 - \$75,000 | 318 (9.19%) |
| Greater than \$75,000 | 247 (7.14%) |

| Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
|--|----------------|
| White | 1,980 (21%) |
| African-American | 0 (0%) |
| Hispanic-Origin | 9,288 (100%) |
| Asian | 0 (0%) |
| Hawaiian/Pacific Islander | 0 (0%) |
| American Indian | 5 (0%) |
| Other/Multiracial | 621 (7%) |
| Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Less than 9th Grade | 999 (14.8%) |
| 9th through 12th Grade | 644 (9.54%) |
| High School Diploma | 2,029 (30.06%) |
| Some College/2-year | 564 (8.36%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,712 (25.37%) |



Detailed Facility Report

Facility Summary

MANUFACTURING BUILDING EXPANSION PROJECT - BCU

ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110071524962

EPA Region: 02

Latitude: 18.0458

Longitude: -66.5022

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 | 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): Non-Major, Permit Effective (PRR1000I7), Non-Major, Permit Effective (PRR1000HW), Non-Major, Permit Effective (PRR1000JL), Non-Major, Permit Terminated; Compliance Tracking Off (PRR1000HX)

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 | | 110071524962 | | | | | N | 18.0458 | -66.5022 |
| ICIS-NPDES | CWA | PRR1000I7 | Non-Major: General Permit Covered Facility | Effective | Construction Stormwater | 02/16/2027 | N | 18.0454 | -66.502 |
| ICIS-NPDES | CWA | PRR1000HW | Non-Major: General Permit Covered Facility | Effective | Construction Stormwater | 02/16/2027 | N | 18.0458 | -66.5022 |
| ICIS-NPDES | CWA | PRR1000JL | Non-Major: General Permit Covered Facility | Effective | Construction Stormwater | 02/16/2027 | N | 18.0458 | -66.5022 |

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|------------|---------|------------|--|-------------------------------------|-------------------------|------------------------|----------------|----------|-----------|
| ICIS-NPDES | CWA | PRR1000HX | Non-Major: General Permit Covered Facility | Terminated; Compliance Tracking Off | Construction Stormwater | 02/16/2027 | N | 18.0458 | -66.5022 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|------------|---------|--------------|--|---|----------------------|
| FRS | | 110071524962 | MANUFACTURING BUILDING EXPANSION PROJECT - BCU | ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| ICIS-NPDES | CWA | PRR1000I7 | MANUFACTURING BUILDING EXPANSION PROJECT | ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |
| ICIS-NPDES | CWA | PRR1000HW | MANUFACTURING BUILDING EXPANSION PROJECT - BCU | ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |
| ICIS-NPDES | CWA | PRR1000JL | MANUFACTURING BUILDING EXPANSION PROJECT - SILOS | ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |
| ICIS-NPDES | CWA | PRR1000HX | MANUFACTURING BUILDING EXPANSION PROJECT | ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |

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 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 |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
| CWA | PRR1000I7 | No | 09/30/2024 | 0 | 02/07/2025 |
| CWA | PRR1000HW | No | 09/30/2024 | 0 | 02/07/2025 |
| CWA | PRR1000JL | No | 09/30/2024 | 0 | 02/07/2025 |
| CWA | PRR1000HX | No | 09/30/2024 | 0 | 02/07/2025 |

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 |
|----------------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CWA (Source ID: PRR1000I7) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | Quarterly Noncompliance Report History | | | | | | | | | | | |
| CWA (Source ID: PRR1000HW) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | Quarterly Noncompliance Report History | | | | | | | | | | | |
| CWA (Source ID: PRR1000JL) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | Quarterly Noncompliance Report History | | | | | | | | | | | |
| CWA (Source ID: PRR1000HX) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | 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 | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
| 210100040313 | Rio Jacaguas at mouth | JACAGUAS, RIO JACAGUAS | No | No | -- | Yes |

Assessed Waters From Latest State Submission (ATTAINS)

| State | Report Cycle | Assessment Unit ID | Assessment Unit Name | Water Condition | Cause Groups Impaired | Drinking Water Use | Ecological Use | Fish Consumption Use | Recreation Use | Other Use |
|-------|--------------|--------------------|----------------------|----------------------------------|-----------------------|--------------------|--------------------------|----------------------|----------------|-----------|
| PR | 2022 | PRSR60A1 | RIO JACAGUAS | Impaired - With Restoration Plan | PATHOGENS | Not Assessed | Insufficient Information | -- | 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 or Transferred in Pounds per Year at Site

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

No data records returned

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

| Chemical Name |
|---------------|
|---------------|

No data records returned

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

DMR and TRI Multi-Year Loading Report

| NPDES ID | Description |
|----------|-------------|
|----------|-------------|

No data records returned

Community

Environmental Justice

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

Potential Environmental Justice Concerns

- US Territory
- Supplemental/EJ index percentiles >= 90 (Census block group)
- Supplemental/EJ index percentiles >= 90 (1-mile average)

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

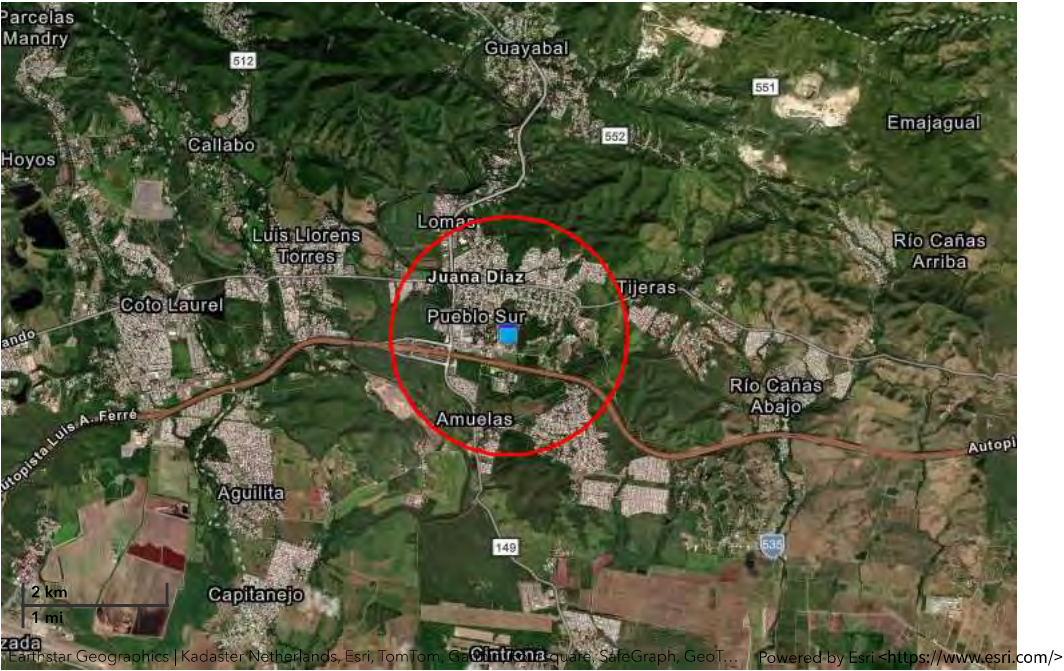
| Census Block Group ID: 720757104002 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Supplemental Indexes | | | | | | |
| Count of Indexes At or Above 90th Percentile | 5 | 3 | 6 | 2 | 1 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 69 | 59 | 80 | 74 | 62 | 79 |
| Diesel Particulate Matter | 10 | 5 | 19 | 66 | 45 | 78 |
| Toxic Releases to Air | 99 | 99 | 99 | 97 | 91 | 98 |
| Traffic Proximity | 97 | 94 | 99 | 77 | 64 | 86 |
| Lead Paint | 94 | 84 | 97 | 77 | 56 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 93 | 89 | 99 | 63 | 52 | 82 |
| Hazardous Waste Proximity | 99 | 98 | 99 | 99 | 85 | 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 88 | 85 | 99 | 8 | 9 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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)) | |
|--|--------------|
| Total Persons | 9,294 |
| Population Density | 2,998/sq.mi. |
| Housing Units in Area | 4,075 |
| Percent People of Color | 100% |
| Households in Area | 3,463 |
| Households on Public Assistance | 128 |
| Persons With Low Income | 7,454 |
| Percent With Low Income | 80% |

| Age Breakdown (ACS (American Community Survey)) - Persons (%) | |
|---|-------------|
| Children 5 years and younger | 422 (5%) |
| Minors 17 years and younger | 1,651 (18%) |
| Adults 18 years and older | 7,642 (82%) |
| Seniors 65 years and older | 2,343 (25%) |

| Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
|--|--------------|
| White | 1,980 (21%) |
| African-American | 0 (0%) |
| Hispanic-Origin | 9,288 (100%) |
| Asian | 0 (0%) |
| Hawaiian/Pacific Islander | 0 (0%) |
| American Indian | 5 (0%) |
| Other/Multiracial | 621 (7%) |

| Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 999 (14.8%) |
| 9th through 12th Grade | 644 (9.54%) |
| High School Diploma | 2,029 (30.06%) |
| Some College/2-year | 564 (8.36%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,712 (25.37%) |

| Geography | |
|-------------------------|--------------|
| Radius of Selected Area | 1 mi. |
| Center Latitude | 18.0458 |
| Center Longitude | -66.5022 |
| Total Area | 3.121 sq.mi. |
| Land Area | 99% |
| Water Area | 1% |

| Income Breakdown (ACS (American Community Survey)) - Households (%) | |
|---|----------------|
| Less than \$15,000 | 1,344 (38.84%) |
| \$15,000 - \$25,000 | 742 (21.45%) |
| \$25,000 - \$50,000 | 809 (23.38%) |
| \$50,000 - \$75,000 | 318 (9.19%) |
| Greater than \$75,000 | 247 (7.14%) |



Detailed Facility Report

Facility Summary

NEW PARKING SLOTS & SLAB

ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110071357040

EPA Region: 02

Latitude: 18.0458

Longitude: -66.5022

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 | 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): Non-Major, Permit Terminated; Compliance Tracking Off (PRR1000G5), Non-Major, Permit Terminated; Compliance Tracking Off (PRR1000G8), Non-Major, Permit Terminated; Compliance Tracking Off (PRR1000G6)

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 | | 110071357040 | | | | | N | 18.0458 | -66.5022 |
| ICIS-NPDES | CWA | PRR1000G5 | Non-Major: General Permit Covered Facility | Terminated; Compliance Tracking Off | Construction Stormwater | 02/16/2027 | N | 18.047 | -66.5033 |
| ICIS-NPDES | CWA | PRR1000G8 | Non-Major: General Permit Covered Facility | Terminated; Compliance Tracking Off | Construction Stormwater | 02/16/2027 | N | 18.0458 | -66.5022 |

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|------------|---------|------------|--|-------------------------------------|-------------------------|------------------------|----------------|----------|-----------|
| ICIS-NPDES | CWA | PRR1000G6 | Non-Major: General Permit Covered Facility | Terminated; Compliance Tracking Off | Construction Stormwater | 02/16/2027 | N | 18.0458 | -66.5022 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|------------|---------|--------------|--------------------------|---|----------------------|
| FRS | | 110071357040 | NEW PARKING SLOTS & SLAB | ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| ICIS-NPDES | CWA | PRR1000G5 | NEW PARKING SLOTS & SLAB | ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |
| ICIS-NPDES | CWA | PRR1000G8 | NEW PARKING LOTS & SLAB | ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |
| ICIS-NPDES | CWA | PRR1000G6 | NEW PARKING LOTS & SLAB | ST. RD 584, KM 0.9, AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |

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 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 |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
| CWA | PRR1000G5 | No | 09/30/2024 | 0 | 02/07/2025 |
| CWA | PRR1000G8 | No | 09/30/2024 | 0 | 02/07/2025 |
| CWA | PRR1000G6 | No | 09/30/2024 | 0 | 02/07/2025 |

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 |
|----------------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CWA (Source ID: PRR1000G5) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | Quarterly Noncompliance Report History | | | | | | | | | | | |
| CWA (Source ID: PRR1000G8) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | Quarterly Noncompliance Report History | | | | | | | | | | | |
| CWA (Source ID: PRR1000G6) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | 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 |
| | 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 | 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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
| 210100040313 | Rio Jacaguas at mouth | RIO JACAGUAS | No | No | -- | Yes |

Assessed Waters From Latest State Submission (ATTAINS)

| State | Report Cycle | Assessment Unit ID | Assessment Unit Name | Water Condition | Cause Groups Impaired | Drinking Water Use | Ecological Use | Fish Consumption Use | Recreation Use | Other Use |
|-------|--------------|--------------------|----------------------|----------------------------------|-----------------------|--------------------|--------------------------|----------------------|----------------|-----------|
| PR | 2022 | PRSR60A1 | RIO JACAGUAS | Impaired - With Restoration Plan | PATHOGENS | Not Assessed | Insufficient Information | -- | 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 or Transferred in Pounds per Year at Site

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

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

| Chemical Name |
|--------------------------|
| No data records returned |

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

DMR and TRI Multi-Year Loading Report

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.

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

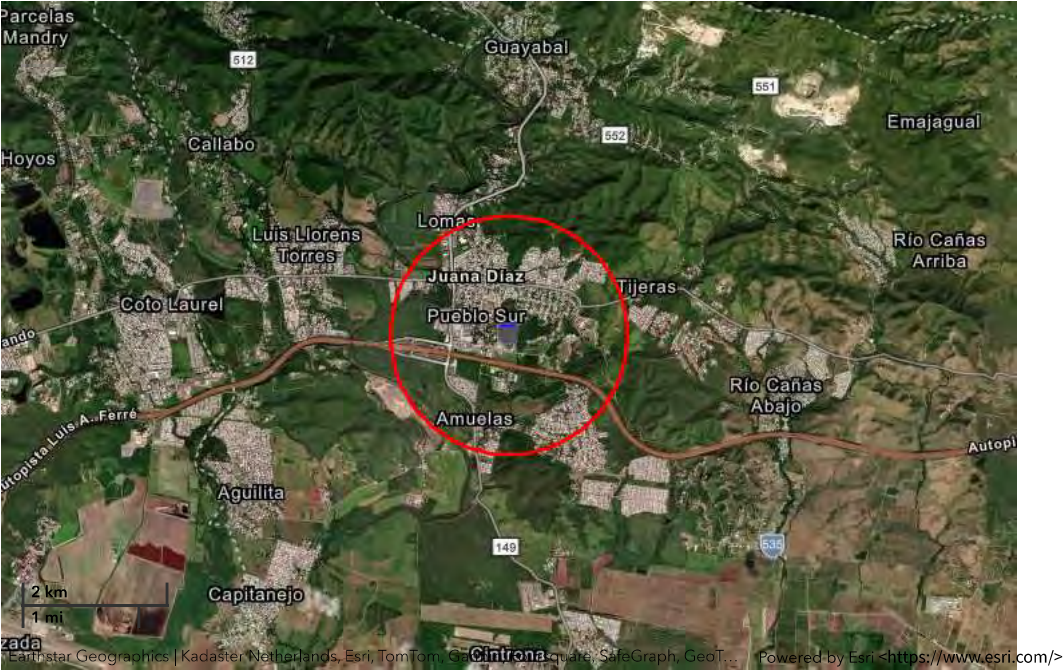
| Census Block Group ID: 720757104002 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 5 | 3 | 6 | 2 | 1 | 2 |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 69 | 59 | 80 | 74 | 62 | 79 |
| Diesel Particulate Matter | 10 | 5 | 19 | 66 | 45 | 78 |
| Toxic Releases to Air | 1 99 | 1 99 | 1 99 | 1 97 | 1 91 | 1 98 |
| Traffic Proximity | 1 97 | 1 94 | 1 99 | 77 | 64 | 86 |
| Lead Paint | 1 94 | 84 | 1 97 | 77 | 56 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 1 93 | 89 | 1 99 | 63 | 52 | 82 |
| Hazardous Waste Proximity | 1 99 | 1 98 | 1 99 | 1 99 | 85 | 1 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 88 | 85 | 1 99 | 8 | 9 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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)) | |
|--|----------------|
| Total Persons | 9,294 |
| Population Density | 2,998/sq.mi. |
| Housing Units in Area | 4,075 |
| Percent People of Color | 100% |
| Households in Area | 3,463 |
| Households on Public Assistance | 128 |
| Persons With Low Income | 7,454 |
| Percent With Low Income | 80% |
| Geography | |
| Radius of Selected Area | 1 mi. |
| Center Latitude | 18.0458 |
| Center Longitude | -66.5022 |
| Total Area | 3.121 sq.mi. |
| Land Area | 99% |
| Water Area | 1% |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | |
| Less than \$15,000 | 1,344 (38.84%) |
| \$15,000 - \$25,000 | 742 (21.45%) |
| \$25,000 - \$50,000 | 809 (23.38%) |
| \$50,000 - \$75,000 | 318 (9.19%) |
| Greater than \$75,000 | 247 (7.14%) |
| Age Breakdown (ACS (American Community Survey)) - Persons (%) | |
| Children 5 years and younger | 422 (5%) |
| Minors 17 years and younger | 1,651 (18%) |
| Adults 18 years and older | 7,642 (82%) |
| Seniors 65 years and older | 2,343 (25%) |
| Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
| White | 1,980 (21%) |
| African-American | 0 (0%) |
| Hispanic-Origin | 9,288 (100%) |
| Asian | 0 (0%) |
| Hawaiian/Pacific Islander | 0 (0%) |
| American Indian | 5 (0%) |
| Other/Multiracial | 621 (7%) |
| Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Less than 9th Grade | 999 (14.8%) |
| 9th through 12th Grade | 644 (9.54%) |
| High School Diploma | 2,029 (30.06%) |
| Some College/2-year | 564 (8.36%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,712 (25.37%) |



Detailed Facility Report

Facility Summary
NEW ACCESS ROAD PROJECT

500 PR-584 AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795

FRS (Facility Registry Service) ID: 110070882485

EPA Region: 02

Latitude: 18.0453

Longitude: -66.5024

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 (PRR1000BD), Non-Major, Permit Terminated; Compliance Tracking Off (PRR1000BC)

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 | | 110070882485 | | | | | N | 18.0453 | -66.5024 |
| ICIS-NPDES | CWA | PRR1000BD | Non-Major: General Permit Covered Facility | Terminated; Compliance Tracking Off | Construction Stormwater | 02/15/2022 | N | 18.0453 | -66.5024 |
| ICIS-NPDES | CWA | PRR1000BC | Non-Major: General Permit Covered Facility | Terminated; Compliance Tracking Off | Construction Stormwater | 02/15/2022 | N | 18.0453 | -66.5024 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address | Facility County |
|------------|---------|--------------|-------------------------|--|----------------------|
| FRS | | 110070882485 | NEW ACCESS ROAD PROJECT | 500 PR-584 AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | Juana Díaz Municipio |
| ICIS-NPDES | CWA | PRR1000BD | NEW ACCESS ROAD PROJECT | 500 PR-584 AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |
| ICIS-NPDES | CWA | PRR1000BC | NEW ACCESS ROAD PROJECT | 500 PR-584 AMUELAS INDUSTRIAL PARK, JUANA DIAZ, PR 00795 | |

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 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 |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
| CWA | PRR1000BD | No | 09/30/2024 | 0 | 02/07/2025 |
| CWA | PRR1000BC | No | 09/30/2024 | 0 | 02/07/2025 |

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 |
|----------------------------|--|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| CWA (Source ID: PRR1000BD) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | Facility-Level Status | Unknown | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit |
| | Quarterly Noncompliance Report History | Undetermined | Undetermined | | | | | | | | | |
| CWA (Source ID: PRR1000BC) | | 10/01-12/31/21 | 01/01-03/31/22 | 04/01-06/30/22 | 07/01-09/30/22 | 10/01-12/31/22 | 01/01-03/31/23 | 04/01-06/30/23 | 07/01-09/30/23 | 10/01-12/31/23 | 01/01-03/31/24 | 04/01-06/30/24 |
| | Facility-Level Status | Unknown | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit |
| | Quarterly Noncompliance Report History | Undetermined | Undetermined | | | | | | | | | |

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? |
|--|---|---|---------------------------------|--------------------------------------|--|---|
| 210100040313 | Rio Jacaguas at mouth | RIO JACAGUAS | No | No | -- | Yes |

Assessed Waters From Latest State Submission (ATTAINS)

| State | Report Cycle | Assessment Unit ID | Assessment Unit Name | Water Condition | Cause Groups Impaired | Drinking Water Use | Ecological Use | Fish Consumption Use | Recreation Use | Other Use |
|-------|--------------|--------------------|----------------------|----------------------------------|-----------------------|--------------------|--------------------------|----------------------|----------------|-----------|
| PR | 2022 | PRSR60A1 | RIO JACAGUAS | Impaired - With Restoration Plan | PATHOGENS | Not Assessed | Insufficient Information | -- | 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 or Transferred in Pounds per Year at Site

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

No data records returned

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

| Chemical Name |
|---------------|
|---------------|

No data records returned

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

DMR and TRI Multi-Year Loading Report

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.

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type

Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

| Census Block Group ID: 720757104002 | US (Percentile) | | | State (Percentile) | | |
|--|-----------------------------|------------|------------|-----------------------------|------------|------------|
| Supplemental Indexes | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Count of Indexes At or Above 90th Percentile | 5 | 3 | 6 | 2 | 1 | 2 |

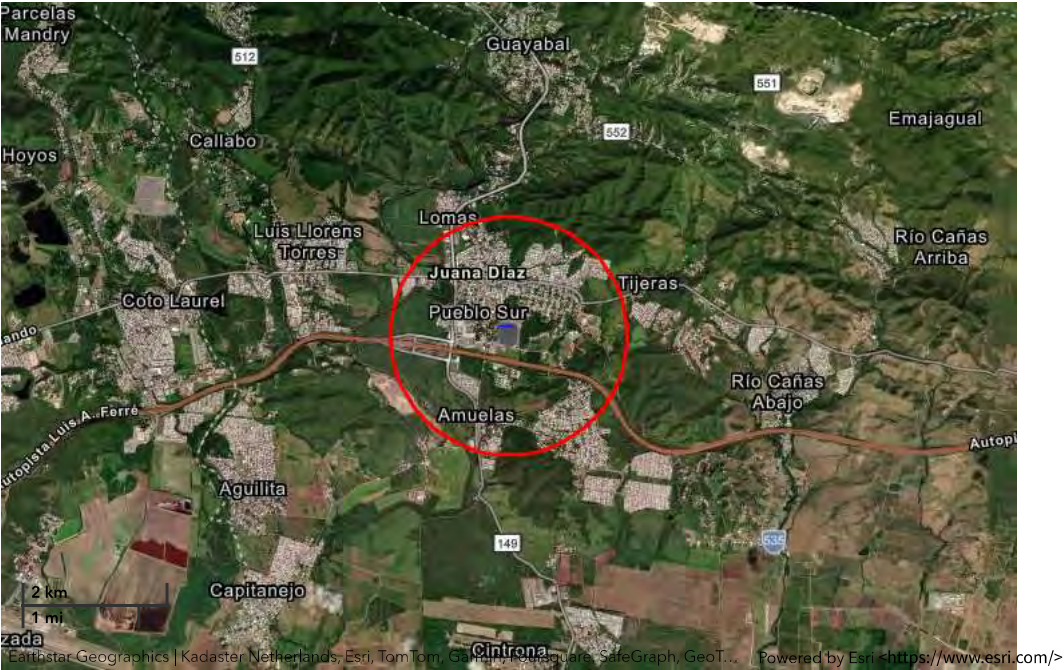
| Census Block Group ID: 720757104002 | US (Percentile) | | | State (Percentile) | | |
|---|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | Facility Census Block Group | 1-mile Avg | 1-mile Max | Facility Census Block Group | 1-mile Avg | 1-mile Max |
| Particulate Matter 2.5 | -- | N/A | -- | -- | N/A | -- |
| Ozone | -- | N/A | -- | -- | N/A | -- |
| Nitrogen Dioxide | 69 | 59 | 80 | 74 | 62 | 79 |
| Diesel Particulate Matter | 10 | 5 | 19 | 66 | 45 | 78 |
| Toxic Releases to Air | 99 | 99 | 99 | 97 | 91 | 98 |
| Traffic Proximity | 97 | 94 | 99 | 77 | 64 | 86 |
| Lead Paint | 94 | 84 | 97 | 77 | 56 | 87 |
| Risk Management Plan (RMP) Facility Proximity | 93 | 89 | 99 | 63 | 52 | 82 |
| Hazardous Waste Proximity | 99 | 98 | 99 | 99 | 85 | 99 |
| Superfund Proximity | 0 | 0 | -- | 0 | 0 | -- |
| Underground Storage Tanks (UST) | 0 | 0 | -- | 0 | 0 | -- |
| Wastewater Discharge | 88 | 85 | 99 | 8 | 9 | 56 |
| Drinking Water Noncompliance | -- | N/A | -- | -- | N/A | -- |

Map Display Based on: ☒ US ☐ State

Display Map Layer

Summary - Number of Indexes

☐ Facility 1-mile Radius ☐ Facility Census Block Group



Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 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 | 9,301 | Children 5 years and younger | 424 (5%) |
| Population Density | 3,001/sq.mi. | Minors 17 years and younger | 1,664 (18%) |
| Housing Units in Area | 4,069 | Adults 18 years and older | 7,639 (82%) |
| Percent People of Color | 100% | Seniors 65 years and older | 2,330 (25%) |
| Households in Area | 3,459 | | |

| General Statistics (ACS (American Community Survey)) | |
|---|----------------|
| Households on Public Assistance | 126 |
| Persons With Low Income | 7,462 |
| Percent With Low Income | 80% |
| Geography | |
| Radius of Selected Area | 1 mi. |
| Center Latitude | 18.0453 |
| Center Longitude | -66.5024 |
| Total Area | 3.121 sq.mi. |
| Land Area | 99% |
| Water Area | 1% |
| Income Breakdown (ACS (American Community Survey)) - Households (%) | |
| Less than \$15,000 | 1,341 (38.77%) |
| \$15,000 - \$25,000 | 741 (21.42%) |
| \$25,000 - \$50,000 | 811 (23.45%) |
| \$50,000 - \$75,000 | 314 (9.08%) |
| Greater than \$75,000 | 252 (7.29%) |

| Race Breakdown (ACS (American Community Survey)) - Persons (%) | |
|--|----------------|
| White | 1,969 (21%) |
| African-American | 0 (0%) |
| Hispanic-Origin | 9,295 (100%) |
| Asian | 0 (0%) |
| Hawaiian/Pacific Islander | 0 (0%) |
| American Indian | 5 (0%) |
| Other/Multiracial | 623 (7%) |
| Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%) | |
| Less than 9th Grade | 994 (14.74%) |
| 9th through 12th Grade | 643 (9.54%) |
| High School Diploma | 2,031 (30.12%) |
| Some College/2-year | 567 (8.41%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,713 (25.4%) |

Exhibit 7A Memo for Justification for the Infeasibility and Impracticability of Radon Testing Radon Memorandum:



Memorandum to File

Date: 12/11/2024

Ramón Luna Miranda

From: Ramón Gustavo Luna Miranda
Environmental Specialist
CDBG-DR Program
Puerto Rico Department of Housing
City Revitalization Program according to the template provided

Application Number: PR-CRP-000434

Project: Revitalization of Plaza Publica of Municipality of Juana Diaz

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number [PR-CRP-000434] Under the [City Revitalization Program] 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 reason[s]:

- As required by the CPD Notice 23-103, the scientific data reviewed in lieu of testing must consist of a minimum of ten documented test results over the previous ten years. If there are less than ten documented results over this period, it is understood that there is a lack of scientific data. The latest report for radon testing in Puerto Rico was prepared in 1995 by the U.S. Department of the Interior in Cooperation with the U.S. Environmental Protection Agency. No other completed studies and reports on radon testing are available in Puerto Rico.
- There is no available science-based or state-generated information for Puerto Rico for the last ten years that can be used to determine whether the project site is in a high-risk area. The Department of Health and Human Services, Centers for

Disease Control and Prevention (CDC), National Environmental Public Health Tracking, and Radon Testing map do not include Puerto Rico data.

- There are only two (2) licensed professionals in Puerto Rico who can conduct radon testing using the American National Standards Institute/American Association of Radon Scientists and Technologists (ANSI/AARST) testing standards, which makes it difficult, time-consuming, and highly expensive to coordinate and secure a site visit for the contamination evaluation.
- Do-it-yourself (DIY) radon test kits are known to be unreliable in assuring and controlling the quality of the test results; they are not readily available in Puerto Rico, and the cost and time required for purchasing and sending them for analysis are unreasonable when weighed against the results' reliability and the need for prompt results.
- Local authorities in Puerto Rico do not have the specialized radon monitoring equipment or trained staff needed to conduct the radon testing analysis and ensure proper quality control and quality assurance practices are adhered to. We also do not have a radiation laboratory certified for radon testing.

As part of the evaluation for this determination, PRDOH 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.



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. #506, Building Juan C. Cordero Davila, Rio Piedras, PR 00926 | P.O. Box 21365 San Juan, PR 00926-1365
Tel: (787) 274-2527 | www.caribbean.gov



August 20, 2024

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

Via email: silvina.cancelos@upr.edu

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

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Tel: (787) 274-2527 | www.caribbean.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. Rodriguez Rodriguez, Esq.
Secretary

CC: Mr. Oleg Poverkin, Poverkin.Oleg@epa.gov
Mr. Matthew Lantta, lantta.matthew@epa.gov

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Sincerely,

William O. Rodriguez Rodriguez, Esq.
Secretary

CC: Dr. Carlos Marín, carlos.marin@upr.edu



August 20, 2024

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

Via email: OIA@cdc.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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Barbosa Ave #606, Building Juan C. Cordero Davila, Rio Piedras, PR 00918 | PO Box 21365 San Juan, PR 00928-1365
Tel: (787) 274-2527 | info@prdoh.pr.gov

CDBG-DR/MIT Program
Request for Information in relation with HUD CDP-23-103 for Puerto Rico
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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,
Rio Piedras San Juan, PR 00926

Via email: anais.rodriguez@dnpa.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.

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Request for Information in relation with HUD CDP-23-103 for Puerto Rico
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Sincerely,


William O. Rodríguez Rodríguez, Esq.
Secretary

CC: Mr. Luis Márquez, secretariadnpa@dnpa.pr.gov
Eng. Amarilis Rosario, aire@dnpa.pr.gov
Mrs. Elda Orrego, ortegad@dnpa.pr.gov



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

August 20, 2024

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

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

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Barbosa Ave. #506, Building Juan C. Cordero Davila, Rio Piedras, PR 00930 | P.O. Box 23265 San Juan, PR 00926-1305
Tel: (787) 274-2527 | info@cederobase.org



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 C. Rodríguez Rodríguez, Esq.
Secretary

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

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


William C. 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 00968

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: aarivera@vivienda.pr.gov
Cesar O. Rodriguez: cesarrodriiguez@drna.pr.gov
Marita Rosa Olivares: maritzarosaolivares@drna.pr.gov

Exhibit 7B Asbestos and Lead-Based Paint Assessment

| | | |
|---|--|---|
|  | GOBIERNO DE PUERTO RICO OFICINA DEL GOBERNADOR JUNTA DE CALIDAD AMBIENTAL |  <small>Oficina General de Planeación y Estadística</small> |
| 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) | | |
| NUM. PERMISO: _____ | | |

Yo, Angel O. Ortega, mayor de edad, casado, y vecino de Bayamón
(Nombre) (Estado Civil) (Municipio)

Dirección Postal RR8 Box 1995 PMB 313 Bayamón, PR 00956
(Pueblo) (Zip Code)

Teléfonos: Residencial (787) 607 - 8965 Oficina (787) 994 - 2203 Ext. _____
Fax () - _____

Certifico que: (toda la Plaza Pública y Carr. PR-14 selectiva)

1. La estructura localizada en en el Municipio de Juana Diaz, PR, la cual será objeto de una demolición se encuentra libre de asbesto.

2. La información antes indicada es cierta y correcta.

3. Afirmando y reconozco las consecuencias de incluir y someter información falsa en este documento.

4. Para que así conste, firmo la presente certificación en Bayamón de Puerto Rico,
(Municipio)
hoy día 3 de marzo de 2023


ASB-0722-0258-SI
Firma y Sello del Profesional o
Firma del Inspector de Asbesto registrado por la JCA (Original)

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

Dirección Física: Ave. Ponce de León 1306, 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





GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
DNER Permits/ EPA Permits & Certifications

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) PHONES: 787-994-2203 / 787-607-8965

| | |
|--|---|
|  | TARJETA DE REGISTRO PARA LA REMOCIÓN DE ASBESTO |
| | Esta tarjeta autoriza a: |
| | <u>Ángel O. Ortega Coreano</u> Inspector |
| | A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA. |
| ASB-0722-0258-SI Número de Registro |  |
| 25-jun-2023 Fecha de vencimiento | Firma Autorizada - Departamento Recursos Naturales y Ambientales |



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Lead Based Paint Inspection



***SAMPLING CONDUCTED AT:
(PR-CRP-000437)***

*Public Plaza Roman Baldorioty de Castro &
Road PR-14 (Selective Area)
Located at in Juana Diaz, PR*



GES Project # -2023-017

MARCH 2023



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March 11, 2023

Eng. Jorge L. Perez Ruiz
President
TCM Group
2004 Road PR-506 Caribe Office Center Ste. 205
Coto Laurel PR 00780

Affair: Lead Based Paint Inspection in Public Plaza Roman Baldorioty de Castro & Road PR-14 located at Juana Diaz, PR

Dear Eng. Perez:

Global Environmental Services LLC (GES) was contracted to perform a Lead Based Paint Inspection at reference project. The Lead Paint Standard is in Addendum I of the Report. Layout and Site areas in Addendum III of the report.

The Inspection performance with Thermo Fisher Scientific XRF Niton Model Xip 300A Serial Number #101094 was conducted using H.U.D. Standard for Lead Based Paint as defined by Title X of Housing and Community Department Act of 1992 (unless HUD and EPA have lowered the standard) & Guidelines for the Evaluation and Control of Lead Based Paint in Housing of 1997, revised in 2012 and Department of Natural and Environmental Resources of Puerto Rico (DNER) Lead Based Paint Abatement Controls Regulation.

The Lead Based Paint Inspection was conducted on March 1, 2023 by Mr. Angel M. Rivera, Department of Natural and Environmental Resources of Puerto Rico (DNER) certified Lead Based Paint Inspector # LBPI-33222-379 with enough experience.

The project consisted of evaluation in all components in Public Plaza & Road PR-14 (Selective area) located in Juana Diaz, PR. During the evaluation **we found positive components with Lead Based Paint** in said project.

(VIEW ADDENDUM VI)- TABLE SUMMARY OF COMPONENTS WITH LEAD BASED PAINT

Negative Definition= If the lead concentration measured by the XRF Spectrum Analyzer is less than 1.0 mg/cm² it is considered negative.

Positive Definition= If the concentration measured by the XRF Spectrum Analyzer is equal or greater than 1.0 mg/cm² it is considered Positive.

NOTE: The light poles of Road PR-14 were not carried out since they are not part of the project.

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TABLE- LEAD REGULATORY LEVELS

| | <i>EPA & DNER Levels</i> |
|-------------------------|--|
| LEAD BASED PAINT | 1.0mg/cm ² or 0.5% by weight (or 5,000 ppm) |

Lead Based Paint Inspection Guidelines used during the inspection.

SOP: Standard Operation Procedure :

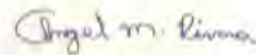
| | | |
|-----------|---|---------------------------|
| LEFT SIDE | B | RIGHT SIDE |
| A | | C |
| | D | |
| | | ENTRANCE OR DOOR ENTRANCE |

Thank you for the opportunity, any questions, please call 787-994-2203 and 787-607-8965 or email globalespr@gmail.com.

Cordially,



Mr. Angel O. Ortega, JS
Environmental Consultant
President



Mr. Angel M. Rivera
Lead Based Paint Inspector LBPI-33222-379



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ADDENDUM I

THE LEAD PAINT STANDARD

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ThermoFisher
SCIENTIFIC

Lead Paint Standard

Surface Lead mg/cm²
PN 500-934

| | | |
|---|--|--|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> < 0.01 ± ----- SRM 2570 </div> <div style="border: 1px solid black; width: 100px; height: 100px; margin: 5px auto; background-color: white;"></div> | <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> 3.58 ± 0.39 SRM 2571 </div> <div style="border: 1px solid black; width: 100px; height: 100px; margin: 5px auto; background-color: yellow;"></div> | |
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> XRF Calibration Check Units 1.04 ± 0.06 SRM 2573 <small>For a 20 sec sample, the reading should be: 0.8 to 1.2 mg/cm²</small> </div> <div style="border: 1px solid black; width: 100px; height: 100px; margin: 5px auto; background-color: orange;"></div> | <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> 1.53 ± 0.09 SRM 2572 </div> <div style="border: 1px solid black; width: 100px; height: 100px; margin: 5px auto; background-color: orange;"></div> | |
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> 0.71 ± 0.08 SRM 2574 </div> <div style="border: 1px solid black; width: 100px; height: 100px; margin: 5px auto; background-color: orange;"></div> | <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> 0.31 ± 0.02 SRM 2575 </div> <div style="border: 1px solid black; width: 100px; height: 100px; margin: 5px auto; background-color: yellow;"></div> | |

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ADDENDUM II

*PERFORMANCE CHARACTERISTIC SHEET (PCS)-
XRF NITON XLP SERIE #300A*

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Niton XLp 300, 9/24/2004, ed: 1

Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

MANUFACTURER AND MODEL:

Make: Niton LLC

Tested Model: XLp 300

Source: ²¹⁰Pb

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 |

1 of 3

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Niton XLp 300, 9/24/2004, ed. 1

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.

2 of 3

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Niton XLp 300, 9/24/2004, ed. 1

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 25.6 and 36.6 mCi.

| Testing Times Using K+L Reading Mode (Seconds) | | | | | | |
|--|-----------------------------|--------|-----------------------------|--|-----------------|----------|
| Substrate | All Data | | | Median for laboratory-measured lead levels (mg/cm ²) | | |
| | 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 | 16 | 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 QuantTech, 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*.



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ADDENDUM III

SITE AREA & FUNCTIONAL SPACES

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SITE AREA



COORDINATES TO GET TO THE PROJECT:

18.0529652, -66.5057621

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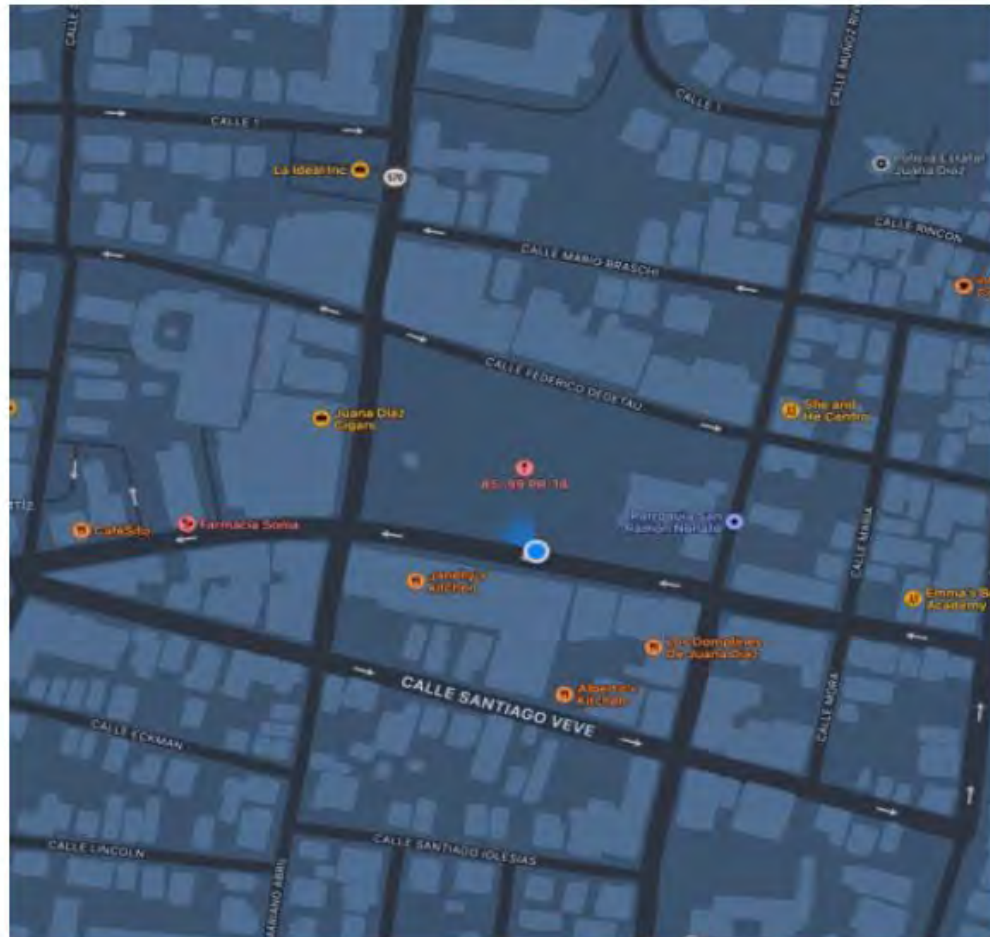


GLOBAL ENVIRONMENTAL SERVICES LLC

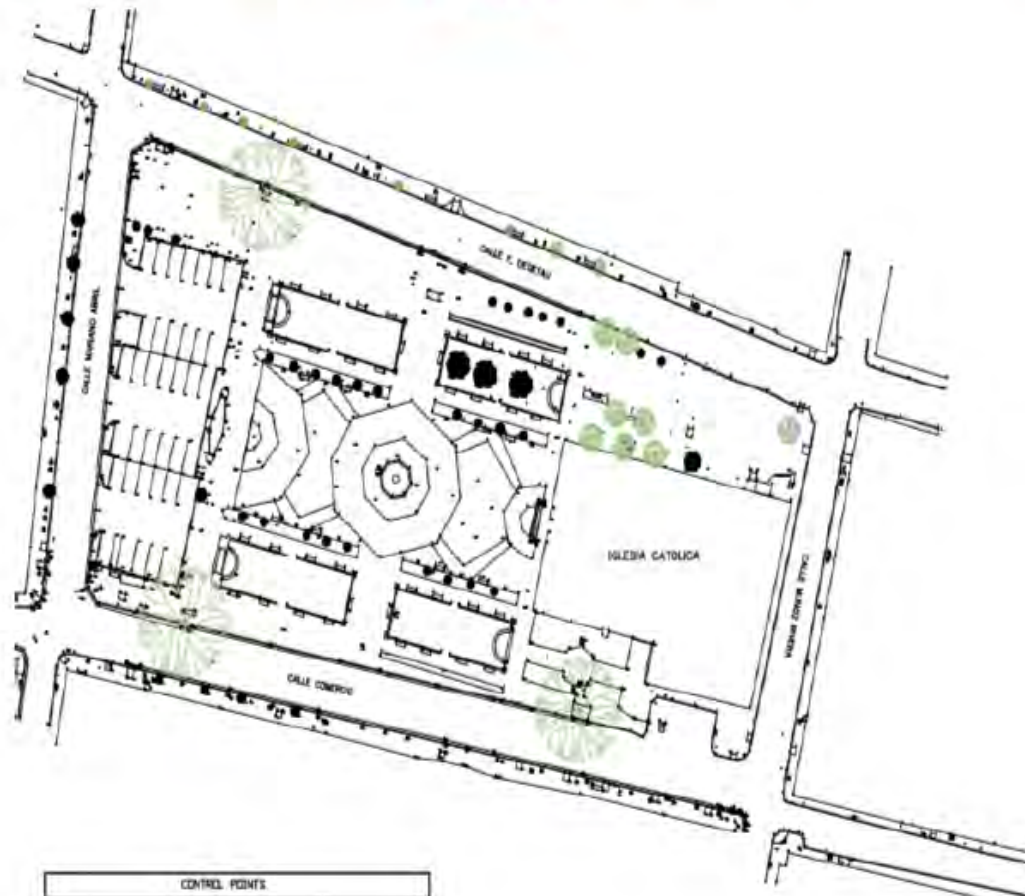
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SITE AREA





LAYOUT



NOT TO SCALE

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ADDENDUM IV

*CERTIFICATIONS GRANTED BY THE DEPARTMENT OF
NATURAL AND ENVIRONMENTAL RESOURCES OF
PUERTO RICO*

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**GLOBAL ENVIRONMENTAL SERVICES LLC
COMPANY LEAD CERTIFICATION**



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MR. ANGEL M. RIVERA - LEAD BASED PAINT INSPECTOR CERTIFICATION



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ADDENDUM V

LBP TESTING COMBINATIONS

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GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EMAIL: globalespr@gmail.com](mailto:globalespr@gmail.com) PHONES: 787-994-2203 / 787-607-8965

| GES 2023- 017 | XRF Serial Number: 101094 | Project: Public Plaza Roman Baldorioty de Castro & Road PR-14 in Juana Diaz, PR | Client: TCM Group | LBP Inspector: Mr. Angel M. Rivera | Date: March 1, 2023 | Page 20/36 | |
|---------------------|------------------------------|---|-------------------------|---|---|-------------------------|----------------------------|
| Sample ID | Functional Space | Component | Side | Substrate | XRF Reading (mg/cm ²) | Result Pos./ Neg. | Approx. Sq. ft./Ln. Ft. |
| 1 | Calibrate | | | | 1.0 | | |
| 2 | Calibrate | | | | 0.9 | | |
| 3 | Calibrate | | | | 1.0 | | |
| 4 | Plaza | Floor | Floor | Concrete | 0.01 | Neg. | |
| 5 | Plaza | Floor | Floor | Concrete | 0.01 | Neg. | |
| 6 | Plaza | Floor | Floor | Concrete | 0.01 | Neg. | |
| 7 | Plaza | Floor | Floor | Concrete | 0.01 | Neg. | |
| 8 | Plaza | Floor | Floor | Concrete | 0.01 | Neg. | |
| 9 | Plaza | Floor | Floor | Concrete | 0.01 | Neg. | |
| 10 | Plaza | Floor | Floor | Concrete | 0.01 | Neg. | |
| 11 | Plaza | Floor | Floor | Concrete | 0.01 | Neg. | |
| 12 | Plaza | Floor Tile | Floor | Ceramic | 0.02 | Neg. | |
| 13 | Plaza | Floor Tile | Floor | Concrete | 0.02 | Neg. | |
| 14 | Plaza | Floor Tile | Floor | Concrete | 0.02 | Neg. | |
| 15 | Plaza | Floor Tile | Floor | Concrete | 0.02 | Neg. | |
| 16 | Plaza | Floor Tile | Floor | Concrete | 0.02 | Neg. | |
| 17 | Plaza | Floor Tile | Floor | Concrete | 0.02 | Neg. | |
| 18 | Plaza | Floor Tile | Floor | Concrete | 0.02 | Neg. | |
| 19 | Plaza | Floor Tile | Floor | Concrete | 0.02 | Neg. | |
| 20 | Plaza | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 21 | Plaza | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 22 | Plaza | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 23 | Plaza | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 24 | Plaza | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 25 | Plaza | Ramp | Floor | Concrete | 0.01 | Neg. | |



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|---------------------|------------------------------|---|--------------------------------------|---|---|-------------------------|----------------------------|
| Sample ID | Functional Space | Component | Side | Substrate | XRF Reading (mg/cm ²) | Result Pos./ Neg. | Approx. Sq. ft./Ln. Ft. |
| 26 | Plaza | Curb | North Side | Concrete | 1.6 | Pos. | 815 Ln. Ft. Approx. |
| 27 | Plaza | Curb | West Side | Concrete | 1.6 | Pos. | |
| 28 | Plaza | Curb | South Side | Concrete | 1.6 | Pos. | |
| 29 | Plaza | Curb | Calle Federico Degetau Side | Concrete | 1.8 | Pos. | 1,784 Ln. Ft. Approx. |
| 30 | Plaza | Curb | Calle Muñoz Rivera Side | Concrete | 2.1 | Pos. | |
| 31 | Plaza | Curb | Calle Comercio Side | Concrete | 2.1 | Pos. | |
| 32 | Plaza | Curb | Calle Mariano Abril | Concrete | 1.9 | Pos. | |
| 33 | Plaza | Planter | North Side | Concrete | 0.01 | Neg. | |
| 34 | Plaza | Planter | North Side | Concrete | 0.01 | Neg. | |
| 35 | Plaza | Planter | North Side | Concrete | 0.01 | Neg. | |
| 36 | Plaza | Planter | South Side | Concrete | 0.01 | Neg. | |
| 37 | Plaza | Planter | South | Concrete | 0.01 | Neg. | |
| 38 | Plaza | Planter | South | Concrete | 0.01 | Neg. | |
| 39 | Plaza | Bench | North | Metal | 0.01 | Neg. | |
| 40 | Plaza | Bench | North | Metal | 0.01 | Neg. | |
| 41 | Plaza | Bench | North | Metal | 0.01 | Neg. | |
| 42 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |



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| GES 2023- 017 | XRF Serial Number: 101094 | Project: Public Plaza Roman Baldorioty de Castro & Road PR-14 in Juana Diaz, PR | Client: TCM Group | LBP Inspector: Mr. Angel M. Rivera | Date: March 1, 2023 | Page 22/36 | |
|---------------------|------------------------------|---|-------------------------|---|---|-------------------------|----------------------------|
| Sample ID | Functional Space | Component | Side | Substrate | XRF Reading (mg/cm ²) | Result Pos./ Neg. | Approx. Sq. ft./Ln. Ft. |
| 43 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 44 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 45 | Plaza | Bench | North | Metal | 0.01 | Neg. | |
| 46 | Plaza | Bench | North | Metal | 0.01 | Neg. | |
| 47 | Plaza | Bench | North | Metal | 0.01 | Neg. | |
| 48 | Plaza | Bench | North | Metal | 0.01 | Neg. | |
| 49 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 50 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 51 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 52 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 53 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 54 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 55 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 56 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 57 | Plaza | Bench | North Side | Metal | 0.01 | Neg. | |
| 58 | Plaza | Bench | North | Metal | 0.01 | Neg. | |
| 59 | Plaza | Bench | South | Metal | 0.01 | Neg. | |
| 60 | Plaza | Bench | South | Metal | 0.01 | Neg. | |
| 61 | Plaza | Bench | South | Metal | 0.01 | Neg. | |
| 62 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |



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| GES 2023- 017 | XRF Serial Number: 101094 | Project: Public Plaza Roman Baldorioty de Castro & Road PR-14 in Juana Diaz, PR | Client: TCM Group | LBP Inspector: Mr. Angel M. Rivera | Date: March 1, 2023 | Page 23/36 | |
|---------------------|------------------------------|---|-------------------------|---|---|-------------------------|----------------------------|
| Sample ID | Functional Space | Component | Side | Substrate | XRF Reading (mg/cm ²) | Result Pos./ Neg. | Approx. Sq. ft./Ln. Ft. |
| 63 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 64 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 65 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 66 | Plaza | Bench | South | Metal | 0.01 | Neg. | |
| 67 | Plaza | Bench | South | Metal | 0.01 | Neg. | |
| 68 | Plaza | Bench | South | Metal | 0.01 | Neg. | |
| 69 | Plaza | Bench | South | Metal | 0.01 | Neg. | |
| 70 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 71 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 72 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 73 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 74 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 75 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 76 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 77 | Plaza | Bench | South Side | Metal | 0.01 | Neg. | |
| 78 | Plaza | Bench | South | Metal | 0.01 | Neg. | |
| 79 | Plaza | Fountain | Center | Concrete | 0.01 | Neg. | |
| 80 | Plaza | Fountain | Center | Concrete | 0.01 | Neg. | |
| 81 | Plaza | Fountain | Center | Concrete | 0.01 | Neg. | |
| 82 | Plaza | Fountain | Center Side | Concrete | 0.01 | Neg. | |



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| GES 2023- 017 | XRF Serial Number: 101094 | Project: Public Plaza Roman Baldorioty de Castro & Road PR-14 in Juana Diaz, PR | Client: TCM Group | LBP Inspector: Mr. Angel M. Rivera | Date: March 1, 2023 | Page 24/36 | |
|---------------------|------------------------------|---|-------------------------|---|---|-------------------------|----------------------------|
| Sample ID | Functional Space | Component | Side | Substrate | XRF Reading (mg/cm ²) | Result Pos./ Neg. | Approx. Sq. ft./Ln. Ft. |
| 83 | Plaza | Light Pole | North | Metal | 0.02 | Neg. | |
| 84 | Plaza | Light Pole | North | Metal | 0.02 | Neg. | |
| 85 | Plaza | Light Pole | North | Metal | 0.02 | Neg. | |
| 86 | Plaza | Light Pole | North | Metal | 0.02 | Neg. | |
| 87 | Plaza | Light Pole | North | Metal | 0.02 | Neg. | |
| 88 | Plaza | Light Pole | North Side | Metal | 0.02 | Neg. | |
| 89 | Plaza | Light Pole | North Side | Metal | 0.02 | Neg. | |
| 90 | Plaza | Light Pole | North Side | Metal | 0.02 | Neg. | |
| 91 | Plaza | Light Pole | North Side | Metal | 0.02 | Neg. | |
| 92 | Plaza | Light Pole | North Side | Metal | 0.02 | Neg. | |
| 93 | Plaza | Light Pole | South Side | Metal | 0.02 | Neg. | |
| 94 | Plaza | Light Pole | South Side | Metal | 0.02 | Neg. | |
| 95 | Plaza | Light Pole | South Side | Metal | 0.02 | Neg. | |
| 96 | Plaza | Light Pole | South Side | Metal | 0.02 | Neg. | |
| 97 | Plaza | Light Pole | South | Metal | 0.02 | Neg. | |
| 98 | Plaza | Light Pole | South | Metal | 0.02 | Neg. | |
| 99 | Plaza | Light Pole | South | Metal | 0.02 | Neg. | |
| 100 | Plaza | Light Pole | South | Metal | 0.02 | Neg. | |
| 101 | Plaza | Light Pole | South | Metal | 0.02 | Neg. | |
| 102 | Plaza | Light Pole | South Side | Metal | 0.02 | Neg. | |



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| GES 2023- 017 | XRF Serial Number: 101094 | Project: Public Plaza Roman Baldorioty de Castro & Road PR-14 in Juana Diaz, PR | Client: TCM Group | LBP Inspector: Mr. Angel M. Rivera | Date: March 1, 2023 | Page 25/36 | |
|---------------------|------------------------------|---|-------------------------|---|---|-------------------------|----------------------------|
| Sample ID | Functional Space | Component | Side | Substrate | XRF Reading (mg/cm ²) | Result Pos./ Neg. | Approx. Sq. ft./Ln. Ft. |
| 103 | Plaza | Garbage Can | North Side | Metal | 0.02 | Neg. | |
| 104 | Plaza | Garbage Can | North Side | Metal | 0.02 | Neg. | |
| 105 | Plaza | Garbage Can | South Side | Metal | 0.02 | Neg. | |
| 106 | Plaza | Garbage Can | South Side | Metal | 0.02 | Neg. | |
| 107 | Storage Exterior | Wall | A | Metal | 0.01 | Neg. | |
| 108 | Storage Exterior | Wall | A | Concrete | 0.01 | Neg. | |
| 109 | Storage Exterior | Wall | B | Concrete | 0.01 | Neg. | |
| 110 | Storage Exterior | Wall | C | Concrete | 0.02 | Neg. | |
| 111 | Storage Exterior | Wall | D | Concrete | 0.02 | Neg. | |
| 112 | Storage Exterior | Plate | D | Metal | 0.03 | Neg. | |
| 113 | Storage 1 | Door | D | Metal | 0.02 | Neg. | |
| 114 | Storage 1 | Door Frame | D | Metal | 0.02 | Neg. | |
| 115 | Storage 1 | Wall | A | Wood | 0.01 | Neg. | |
| 116 | Storage 1 | Wall | B | Concrete | 0.01 | Neg. | |
| 117 | Storage 1 | Wall | C | Concrete | 0.02 | Neg. | |
| 118 | Storage 1 | Wall | D | Concrete | 0.02 | Neg. | |
| 119 | Storage 1 | Floor | Floor | Concrete | 0.02 | Neg. | |
| 120 | Storage 1 | Ceiling | Top | Concrete | 0.01 | Neg. | |
| 121 | Storage 2 | Door | D | Wood | 0.02 | Neg. | |
| 122 | Storage 2 | Door Frame | D | Wood | 0.02 | Neg. | |
| 123 | Storage 2 | Wall | A | Concrete | 0.01 | Neg. | |
| 124 | Storage 2 | Wall | B | Concrete | 0.01 | Neg. | |
| 125 | Storage 2 | Wall | C | Concrete | 0.02 | Neg. | |
| 126 | Storage 2 | Wall | D | Wood | 0.02 | Neg. | |



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| GES 2023- 017 | XRF Serial Number: 101094 | Project: Public Plaza Roman Baldorioty de Castro & Road PR-14 in Juana Diaz, PR | Client: TCM Group | LBP Inspector: Mr. Angel M. Rivera | Date: March 1, 2023 | Page 26/36 | |
|---------------------|------------------------------|---|-------------------------|---|---|-------------------------|----------------------------|
| Sample ID | Functional Space | Component | Side | Substrate | XRF Reading (mg/cm ²) | Result Pos./ Neg. | Approx. Sq. ft./Ln. Ft. |
| 127 | Storage 2 | Floor | Floor | Concrete | 0.02 | Neg. | |
| 128 | Storage 2 | Ceiling | Top | Concrete | 0.01 | Neg. | |
| 129 | East Parking | Curb | North Side | Concrete | 3.0 | Pos. | 138 Ln. Ft. Approx. |
| 130 | East Parking | Curb | East Side | Concrete | 1.8 | Pos. | |
| 131 | East Parking | Curb | South Side | Concrete | 2.5 | Pos. | |
| 132 | East Parking | Curb | West Side | Concrete | 2.0 | Pos. | |
| 133 | West Parking | Curb | North Side | Concrete | 1.8 | Pos. | 524 Ln. Ft. Approx. |
| 134 | West Parking | Curb | South Side | Concrete | 3.4 | Pos. | |
| 135 | West Parking | Curb | West Side | Concrete | 3.0 | Pos. | |
| 136 | West Parking | Curb | East Side | Concrete | 0.01 | Neg. | |
| 137 | Calle F. Degetau | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 138 | Calle F. Degetau | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 139 | Calle F. Degetau | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 140 | Calle F. Degetau | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 141 | Calle F. Degetau | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 142 | Calle F. Degetau | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 143 | Calle Muñoz Rivera | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 144 | Calle Muñoz Rivera | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 145 | Calle Muñoz Rivera | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 146 | Calle Muñoz Rivera | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 147 | Calle Comercio | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 148 | Calle Comercio | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 149 | Calle Comercio | Ramp | Floor | Concrete | 0.01 | Neg. | |



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| GES 2023- 017 | XRF Serial Number: 101094 | Project: Public Plaza Roman Baldorioty de Castro & Road PR-14 in Juana Diaz, PR | Client: TCM Group | LBP Inspector: Mr. Angel M. Rivera | Date: March 1, 2023 | Page 27/36 | |
|---------------------|------------------------------|---|-------------------------|---|---|-------------------------|----------------------------|
| Sample ID | Functional Space | Component | Side | Substrate | XRF Reading (mg/cm ²) | Result Pos./ Neg. | Approx. Sq. ft./Ln. Ft. |
| 150 | Calle Comercio | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 151 | Calle Comercio | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 152 | Calle Mariano Abril | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 153 | Calle Mariano Abril | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 154 | Calle Mariano Abril | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 155 | Calle Mariano Abril | Ramp | Floor | Concrete | 0.01 | Neg. | |
| 156 | Road PR-14 | Curb | Right Side | Concrete | 2.0 | Pos. | 3,699 Ln. Ft. Approx. |
| 157 | Road PR-14 | Curb | Left Side | Concrete | 1.7 | Pos. | |
| 158 | Road PR-14 | Curb | Right Side | Concrete | 2.1 | Pos. | |
| 159 | Road PR-14 | Curb | Left Side | Concrete | 1.7 | Pos. | |
| 160 | Road PR-14 | Curb | Right Side | Concrete | 1.7 | Pos. | |
| 161 | Road PR-14 | Curb | Left Side | Concrete | 1.8 | Pos. | |
| 162 | Road PR-14 | Curb | Right Side | Concrete | 1.7 | Pos. | |
| 163 | Road PR-14 | Curb | Left Side | Concrete | 1.9 | Pos. | |
| 164 | Calibrate | | | | 1.0 | | |
| 165 | Calibrate | | | | 0.9 | | |
| 166 | Calibrate | | | | 0.9 | | |



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ADDENDUM VI

TABLE SUMMARY OF COMPONENTS WITH LEAD BASED PAINT

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TABLE SUMMARY OF COMPONENTS WITH LEAD BASED PAINT

| FUNCTIONAL SPACE | COMPONENT | SIDE | SUBSTRATE | SQ. FT. APPROX. |
|---|----------------|-----------|-----------|-------------------------|
| Comercio Street Federico Degetau Street Muñoz Rivera Street Mariano Abril Street | Concrete Curbs | All Sides | Concrete | 2,599 ln.ft. approx. |
| Road PR-14 | Concrete Curbs | All Sides | Concrete | 3,699 ln.ft. approx. |
| East Parking (Plaza Parking) | Concrete Curbs | All Sides | Concrete | 138 ln. ft. approx. |
| West Parking (Church Parking) | Concrete Curbs | All Sides | Concrete | 524 ln. ft. approx. |



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ADDENDUM VII

PHOTOGRAPHS OF POSITIVE COMPONENTS WITH
LEAD BASED PAINT

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Comercio, Federico, Muñoz Rivera & Mariano Abril Streets & Parkings-
Concrete Curbs with Lead Based Paint



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Comercio, Federico, Muñoz Rivera & Mariano Abril Streets & Parkings-
Concrete Curbs with Lead Based Paint



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Comercio, Federico, Muñoz Rivera & Mariano Abril Streets & Parkings-
Concrete Curbs with Lead Based Paint



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ADDENDUM VIII

*WHERE THE POSITIVE COMPONENTS AREA FOUND
WITH LEAD BASED PAINT*

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LBP POSITIVE RESULTS LOCATIONS



NOT TO SCALE

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 **= CONCRETE CURBS WITH LBP**



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ADDENDUM VI

CONCLUSION

Global Environmental Services LLC recommends the owner or representative of owner to hire a Company Certified in the Department of Natural and Environmental Resources (DNER) of Puerto Rico to mitigate and dispose positive areas with Lead Based Paint if is going to touch or demolish the aforementioned areas.

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Inspection Site:



FIELD INSPECTION

Date: 2/23/2022

Project: Revitalization of Plaza Publica of the Municipality of Juana Diaz, (PR-CRP-000434)

Address: Plaza Publica of the Municipality of Juana Diaz

Coordinates (lat. / long): 18.053032, -66.505785

Time: 2:20 Pm

Weather: Suny day





INSPECTION

SURFACE CONDITIONS



Hazardous substances a in relation to the identified uses. Visual inspection did not identify any significant use or generation of hazardous substances on the Property. No manufacturing, fabrication or assembly operations are carried out on the property.



Stench
No strong, pungent, or noxious odors that could indicate the possibility of contamination were observed or reported.



| | |
|--|--|
|  | <p>Liquid Pools No pools containing liquids that could be dangerous substances.</p> |
|  | <p>Drums and Hazardous Substances Containers. Drums containing liquids that could be dangerous substances were not installed observed or reported on or adjacent to the Property.</p> |



| | |
|--|--|
|  | <p>Stains or corrosion The stains or corrosion found were typical in metal elements due to time in use.</p> |
|  | <p>Drains and Sumps No evidence of sinkholes was observed.</p> |



| | |
|--|--|
|  | <p>Wells, Ponds, or Lagoons There are no ponds or lagoons associated with hazardous substances or industrial products on the Property.</p> |
|  | <p>Floor and pavement stained. No significantly stained soil or pavement was observed or reported at the Property other than silty areas that caused by disuse.</p> |



| | |
|--|---|
|  | <p>Stressed vegetation No areas of stressed vegetation were observed or reported on or adjacent to the Property.</p> |
|  | <p>Solid waste Not observe any areas that appear to have been filled or graded suggesting the presence of debris, including but not limited to construction debris, demolition debris, or other.</p> |



| | |
|--|--|
|  | <p>Wastewater No operations likely to require significant wastewater discharge were observed or reported.</p> |
|  | <p>Wells No drinking water wells, dry wells, irrigation wells, injection wells, abandoned wells, or others were observed.</p> |

Visual examination consisted of looking at property lines and systematically walking around the site to provide an overlapping field of view, whenever possible. The periphery of the structures was observed in situ along with accessible interior common areas. Not any RECs were observed on site.

Ramón G. Luna Miranda

Prepared: Ramón Gustavo Luna Miranda BSCE, MEM, ROV Engineering, PSC

Exhibit 8: Endangered Species (DOCUMENTS), (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz
Coordinates: 18.053032°, -66.505785° (NAD1983)

<https://www.hudexchange.info/environmental-review/endangered-species>



Transmittal Letter

May 8, 2024

Caribbean Ecological Services Field Office
U.S. Fish and Wildlife Service
P.O. Box 491
Boquerón, Puerto Rico 00622
Email: caribbean@es@fws.gov



Based on the information provided, we determined the project proposed qualifies for the blanket clearance letter. Nevertheless, if the project is modified this office should be contacted concerning the need for the initiation of consultation under section 7 of Endangered Species Act of 1973.

Reviewer: DAMARIS ROMAN RUIZ Digitally signed by DAMARIS ROMAN RUIZ
Date: 2024.05.10 11:24:00 -0400

ROBERT TAWES Digitally signed by ROBERT TAWES
Date: 2024.05.13 15:14:23 -0400
Acting Caribbean ES Field Supervisor

Subject: USFWS Endangered Species Act Certifications – April 2024

We are submitting the following Self-Certifications for projects under the CDBG-DR City Revitalization Program. Attached are included the Self-Certifications that certify that the projects are in compliance and are not likely to adversely affect federally-listed species.

The following table includes the projects that are in compliance with the Blanket Clearance Letter for the Endangered Species act of 1973, as amended, and the Fish and Wildlife Coordination Act.

| Project Number | Project Name |
|----------------|--|
| PR-CRP-000434 | Plaza Pública RBdC |
| PR-CRP-000838 | Plaza Céntrica de Aguada |
| PR-CRP-000870 | Estacionamiento y Plazoleta de Actividades |
| PR-CRP-000879 | Coliseo Arquelio Torres |
| PR-CRP-001116 | Centro Integral Educativo Maunabeño |

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
Office of Disaster Recovery

CDBG-DR FUNDS

Puerto Rico CDBG-DR Program | PO Box 21365, San Juan, Puerto Rico 00928-1365 | infoCDBG@vivienda.pr.gov | www.cdbg-dr.pr.gov | 787-274-2527



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 **Mejoras a Plaza Pública RBdC (PR-CRP-000434)**, consisting of renovations to floors and sidewalks cobblestone paving at the entrance to the Plaza, partial demolishing, redesign of green areas to provide more functional areas for public use, improvements to electrical system, stormwater collection system and place a new Three Kings statue and a new sculpture of poet Roman Baldorioty de Castro; located at Carión Maduro St. and Comercio St. Juana Díaz, PR 00795; central coordinates 18.053032, -66.505785, complies with:

| Check | Project Criteria |
|-------------------------------------|--|
| <input type="checkbox"/> | 1. Street resurfacing. |
| <input checked="" 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 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 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. |

CDBG-DR FUNDS

Puerto Rico CDBG-DR Program | PO Box 21365, San Juan, Puerto Rico 00928-1365 | infoCDBG@vivienda.pr.gov | www.cdbg-dr.pr.gov | 787-274-2527

USFWS Self-Certification
[PR-CRP-001116]

| | |
|--------------------------|---|
| <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 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. |


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

May 3, 2024
 Date



AUTONOMOUS MUNICIPALITY OF JUANA DÍAZ
(787) 837-2185

Exhibit 1

Location:

Improvements to the Román Baldorioty de Castro Public Plaza, Juana Díaz, PR,
Coordinates (Longitude 18.053032°, Latitude -66.505785°)



Municipio Autónomo de Juana Díaz
P. O. Box 1409 Juana Díaz PR 00795 / Alcaldía de Juana Díaz, Calle F Degetau #35, Juana Díaz, 00795,
Puerto Rico Tel. (787) 837-2185

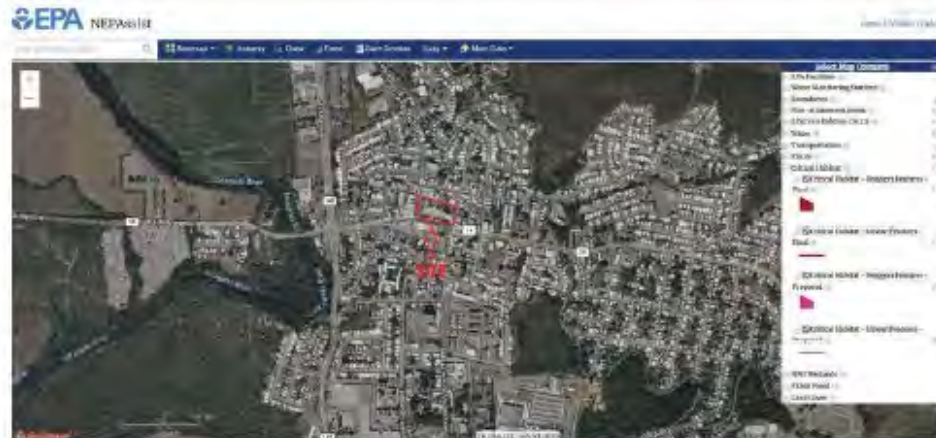


AUTONOMOUS MUNICIPALITY OF JUANA DÍAZ
(787) 837-2185

Exhibit 2

Critical Habitat Map

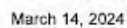
Improvements to the Román Baldorioty de Castro Public Plaza, Juana Díaz, PR,
Coordinates (Longitude 18.053032°, Latitude -66.505785°)






Improvements to the Román Baldorioty de Castro Public Plaza, Juana Díaz



Municipio Autónomo de Juana Díaz
P. O. Box 1409 Juana Díaz PR 00795 / Alcaldía de Juana Díaz, Calle F Degetau #35, Juana Díaz, 00795,
Puerto Rico Tel. (787) 837-2185



 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://www.mary.wm.edu/server/editorials/docs/laogoutubExperiWebMap_CPServer/_npg_att3f0c03076d930815e0d95af8a.pdf

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper



AUTONOMOUS MUNICIPALITY OF JUANA DÍAZ
(787) 837-2185

Project Location

The proposed project is in the vicinity of the mayor's house and the town hall of the municipality of Juana Díaz, Puerto Rico.

Figure 1. General Project Location (Municipalities map, US Census Bureau 2000)



Municipio Autónomo de Juana Díaz
P. O. Box 1409 Juana Díaz PR 00795 / Alcaldía de Juana Díaz, Calle F Degetau #35, Juana Díaz, 00795,
Puerto Rico Tel. (787) 837-2185



AUTONOMOUS MUNICIPALITY OF JUANA DÍAZ
(787) 837-2185

Existing Conditions and Trends

The proposed project is in the urban area of the Juana Díaz municipality. In this area there are areas of shops, schools, public square, restaurants, cafeterias, etc. in a state of economic recession due to deterioration caused by atmospheric events. The development of the project will promote tourism and boost the local economy. The development of the project will promote tourism and boost the local economy. A revitalization to promote development in different economic and social aspects.

Municipio Autónomo de Juana Díaz
P. O. Box 1409 Juana Díaz PR 00795 / Alcaldía de Juana Díaz, Calle F Degetau #35, Juana Díaz, 00795,
Puerto Rico Tel. (787) 837-2185



AUTONOMOUS MUNICIPALITY OF JUANA DÍAZ
(787) 837-2185

Project images of actual conditions



The work will include renovations to floors and sidewalks. Green areas will be redesigned to provide areas more functional for public use.



This redesign will expand the areas and include new vegetation, more resistant and easier to work with. The electrical system will be reinforced with new technologies and more resilient to achieve a more adequate distribution.



This redesign will expand the areas and include new vegetation, more resistant and easier to work with. The electrical system will be reinforced with new technologies and more resilient to achieve a more adequate distribution.

Municipio Autónomo de Juana Díaz
P. O. Box 1409 Juana Díaz PR 00795 / Alcaldía de Juana Díaz, Calle F Degetau #35, Juana Díaz, 00795,
Puerto Rico Tel. (787) 837-2185



AUTONOMOUS MUNICIPALITY OF JUANA DÍAZ
(787) 837-2185



Likewise, the rainwater system will be improved. The Central source will be redesigned with updated technology for better functionality. At the same time, the iconic statue of the Holy Kings, which is now a molding, will be made of a more resistant material to prevent future damage.



Likewise, the rainwater system will be improved. The Central source will be redesigned with updated technology for better functionality. At the same time, the iconic statue of the Holy Kings, which is now a molding, will be made of a more resistant material to prevent future damage.



Regarding parking, A cobblestone paving design will be completed to connect the entrance to the Plaza with the "Route of the Holy Kings" project. In addition, permanent anchoring elements will be installed in different spaces to facilitate Christmas decorations and the important celebration of the Three Kings Festival.

Municipio Autónomo de Juana Díaz
P. O. Box 1409 Juana Díaz PR 00795 / Alcaldía de Juana Díaz, Calle F Degetau #35, Juana Díaz, 00795,
Puerto Rico Tel. (787) 837-2185



AUTONOMOUS MUNICIPALITY OF JUANA DÍAZ
(787) 837-2185



Regarding parking, A cobblestone paving design will be completed to connect the entrance to the Plaza with the "Route of the Holy Kings" project. In addition, permanent anchoring elements will be installed in different spaces to facilitate Christmas decorations and the important celebration of the Three Kings Festival.

Municipio Autónomo de Juana Díaz
P. O. Box 1409 Juana Díaz PR 00795 / Alcaldía de Juana Díaz, Calle F Degetau #35, Juana Díaz, 00795,
Puerto Rico Tel. (787) 837-2185

Exhibit 9: Explosive and Flammable Hazards (MAP), (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 °, -66.505785° (NAD 1983)



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

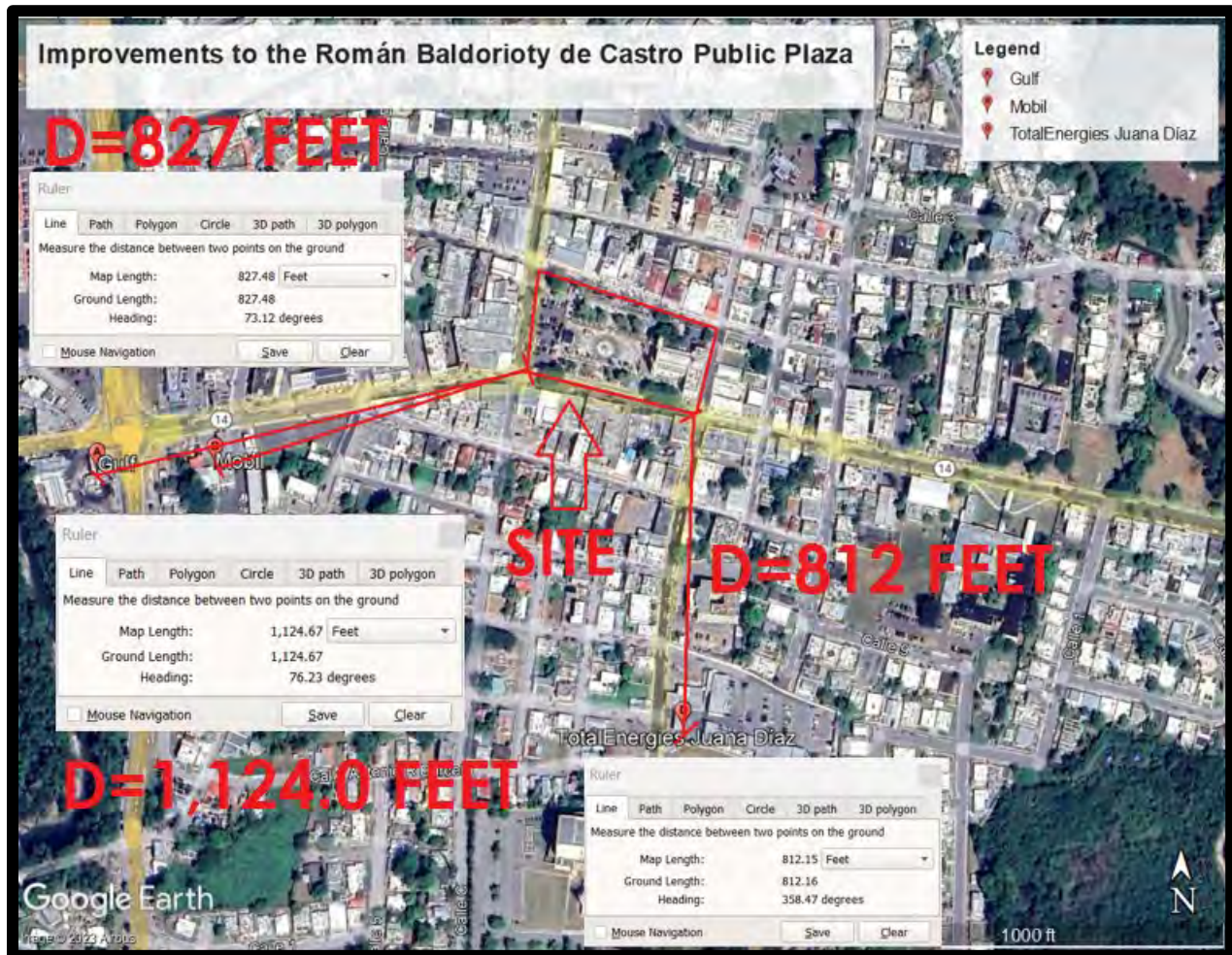


Exhibit 9a: Explosive and Flammable Hazards (MAP), (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 °, -66.505785° (NAD 1983)



<https://nepassisttool.epa.gov/>

Mejoras a Plaza Publica RBdC, (PR-CRP-000434)



May 13, 2024

- Mejoras a Plaza Publica RBdC, (PR-CRP-000434)
- Project Buffer
- Project 1
- Underground Storage Tanks
 - Less than 50%ile
 - 80-90%ile
 - 90-95%ile

1:18,056
0 0.2 0.4 0.8 mi
0 0.33 0.65 1.3 km

Esri Community Maps Contributors, Kadaster
Netherlands, Esri, TomTom, Garmin, Foursquare,
Satellite, GeoTechnologies, Inc, METI/NASA, USGS,
NPS, US Census Bureau, USFWS, U.S. Environmental
Protection Agency, Headquarters, Mexico

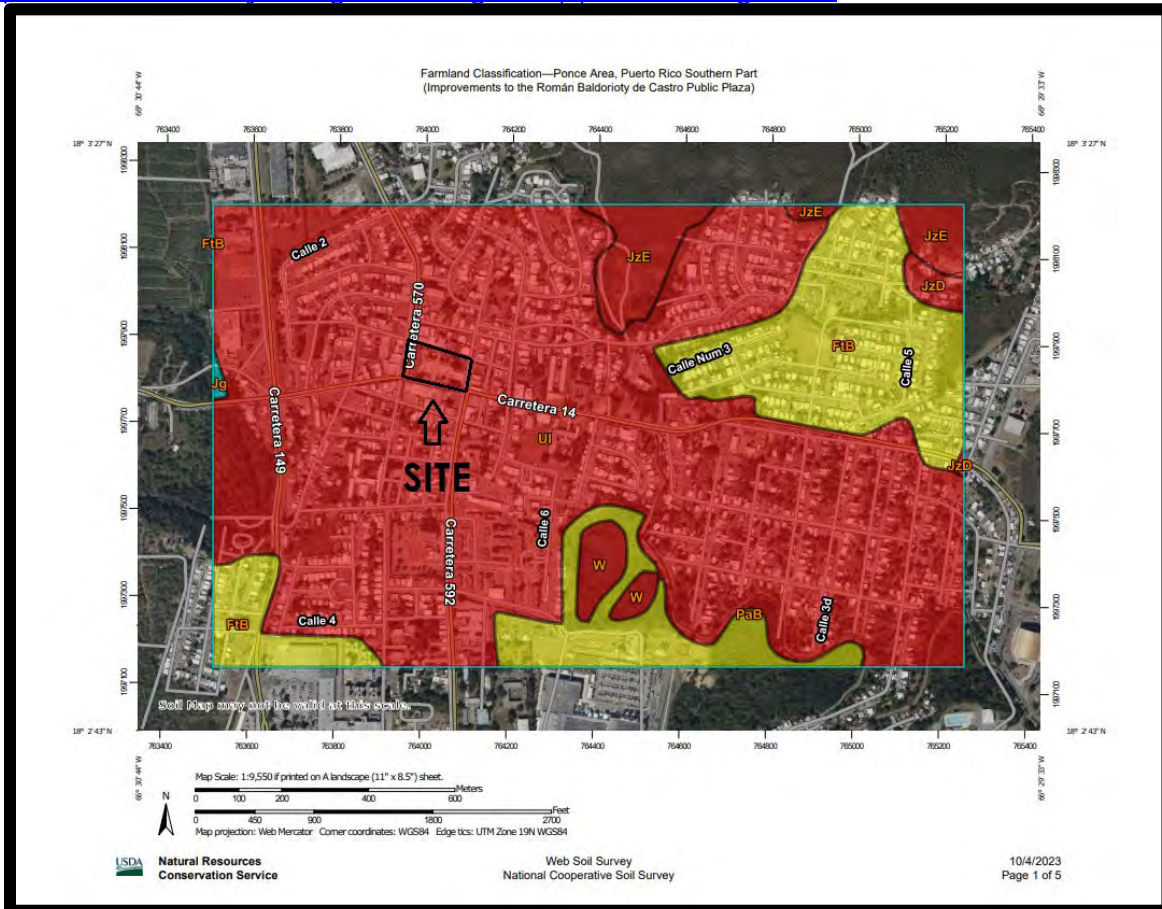
Exhibit 10: Farmland Protection (MAP), (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 °, -66.505785° (NAD 1983)



<https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>

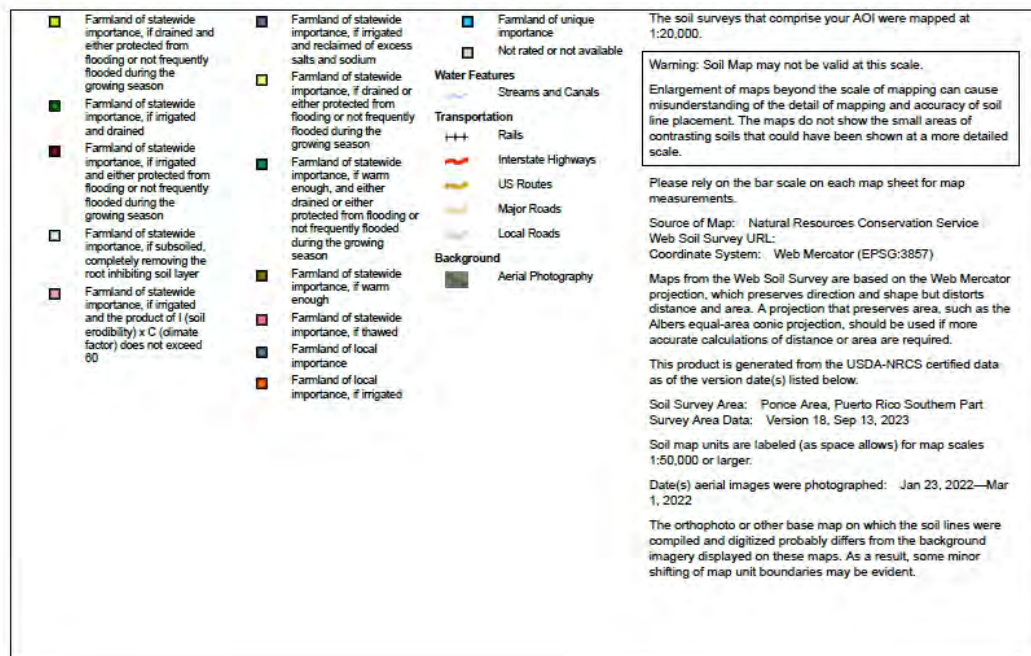


| Map unit symbol | Map unit name | Rating | Acres in AOI | Percent of AOI |
|------------------------------------|---|----------------------------------|--------------|----------------|
| FtB | Fraternidad clay, 2 to 5 percent slopes | Prime farmland if irrigated | 67.4 | 14.7% |
| Jg | Jacaguas silty clay loam | Farmland of statewide importance | 0.6 | 0.1% |
| JzD | Juana Diaz clay loam, 12 to 20 percent slopes | Not prime farmland | 3.2 | 0.7% |
| JzE | Juana Diaz clay loam, 20 to 40 percent slopes | Not prime farmland | 17.8 | 3.9% |
| PaB | Paso Seco clay, 2 to 5 percent slopes | Prime farmland if irrigated | 24.2 | 5.3% |
| UI | Urban land | Not prime farmland | 337.9 | 73.9% |
| W | Water >40 acres | Not prime farmland | 6.5 | 1.4% |
| Totals for Area of Interest | | | 457.6 | 100.0% |

Farmland Classification—Ponce Area, Puerto Rico Southern Part
(Improvements to the Román Baldorioty de Castro Public Plaza)

| | | | | |
|--|--|--|---|--|
| <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> Farmland of unique importance Not rated or not available <p>Soil Rating Points</p> <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 Classification—Ponce Area, Puerto Rico Southern Part
(Improvements to the Román Baldorioty de Castro Public Plaza)



Farmland Classification

| Map unit symbol | Map unit name | Rating | Acres in AOI | Percent of AOI |
|-----------------------------|---|----------------------------------|--------------|----------------|
| F1B | Fratemidad clay, 2 to 5 percent slopes | Prime farmland if irrigated | 67.4 | 14.7% |
| Jg | Jacaguas silty clay loam | Farmland of statewide importance | 0.6 | 0.1% |
| JzD | Juana Diaz clay loam, 12 to 20 percent slopes | Not prime farmland | 3.2 | 0.7% |
| JzE | Juana Diaz clay loam, 20 to 40 percent slopes | Not prime farmland | 17.8 | 3.9% |
| PaB | Paso Seco clay, 2 to 5 percent slopes | Prime farmland if irrigated | 24.2 | 5.3% |
| U1 | Urban land | Not prime farmland | 337.9 | 73.9% |
| W | Water >40 acres | Not prime farmland | 6.5 | 1.4% |
| Totals for Area of Interest | | | 457.6 | 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

Tuesday, April 29, 2025

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-10-07-24-03 PR-CRP-000434 (Juana Díaz), Mejoras a Plaza Pública
Román Baldorioty De Castro

Dear Ms. Poche,

We acknowledge receipt of the archaeological monitoring work plan submitted on April 10, 2025, for the case mentioned above. The plan is deemed acceptable, and we concur with its implementation. Please notify the PRSHPO the archaeological monitoring start date 48 hours prior to the initiation of work.

If you have any questions concerning our comments, do not hesitate to contact our Office.

Sincerely,



Carlos A. Rubio Cancela

State Historic Preservation Officer
CARC/GMO/ EVR



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

Arch. Carlos A. Rubio Cancela

Executive Director
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá, Third Floor
San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Aldo A. Rivera Vázquez, PE

Director
Division of Environmental Permitting and Compliance
Office of Disaster Recovery

April 10, 2025

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

**PUERTO RICO DISASTER RECOVERY, CDBG-DR CITY REVITALIZATION (CITY-REV)
PROGRAM**

**RE: SHPO-CF-10-07-24-03, PR-CRP-000434, MEJORAS A PLAZA PÚBLICA ROMÁN
BALDORIOTY DE CASTRO PROJECT, JUANA DÍAZ, PUERTO RICO – ARCHAEOLOGY
MONITORING WORK PLAN SUBMISSION**

Dear Architect Rubio Cancela,

On behalf of the Puerto Rico Department of Housing (PRDOH), we thank you for your letter dated January 14, 2025, in response to the submission of documentation for PR-CRP-000434, Mejoras a Plaza Pública Román Baldorioty De Castro project. The letter stated that after the review of all documentation the PRSHPO agrees with PRDOH's finding that the proposed project will have no adverse effect upon historic properties conditioned to archaeological monitoring during all ground disturbing activities for the project, and the preparation and submission of an archaeological monitoring work plan for review and concurrence.

As such, we are submitting the requested Archaeological Monitoring Plan prepared by Archaeologist Victor Oppenheimer Rodriguez. We are requesting your review of the prepared plan and concurrence that the implementation of the plan is appropriate for the undertaking.

Please contact me with any questions or concerns by email at lauren.poche@horne.com or phone at 225-405-7676.

Kindest regards,



Lauren Bair Poche. M.A.

Architectural Historian, EHP Senior Manager

LBP/KPS

Attachments

| | |
|--|---|
| PUERTO RICO DEPARTMENT OF HOUSING - CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) ARCHEOLOGICAL MONITORING PLAN | |
| SUBRECIPIENT: AUTONOMOUS MUNICIPALITY OF JUANA DIAZ | PROJECT ID: PR-CRP-000434 |
| PROJECT NAME: Rehabilitation to the Roman Baldorioty De Castro Public Square | SHPO ID: SHPO-CF-10-07-24-03-PR |
| LOCATION: Carrion Maduro Street, Juana Diaz, Puerto Rico | |
| COORDINATES: LAT. 18.053032, LONG. -66.505785 | TPID (CADASTER): 366-030-025-01-000 |
| TYPE OF ACTIVITY: <input checked="" type="checkbox"/> SUBSTANTIAL REPAIR (RECONSTRUCTION) <input type="checkbox"/> NEW CONSTRUCTION | CONSTRUCTION DATE: CA. 1798 – 1854 PROPERTY AREA (SIZE): 2.224 |
| QUALIFIED ARCHEOLOGIST (NAME): Victor Oppenheimer Rodriguez | MONTH/YEAR PREPARED: April 2025 |

Project Site Photo



This document complies with applicable federal and state laws, regulations, and guidelines, and is consistent with the Secretary of the Interior's (SOI) Guidelines for Archeological Documentation, the Advisory Council on Historic Preservation's (ACHP) recommendations on the recovery of significant information from archaeological sites as updated in 2009. The plan was prepared by Archaeologist **Victor Oppenheimer Rodriguez**, who meets the Professional Qualifications Standards set forth in 36 CFR Part 61.

I. OVERVIEW/PREAMBLE

The Municipality of Juana Diaz was approved Community Development Block Grant disaster recovery funds financed by the Federal Department of Housing and Urban Development in the aftermath of damages received by the 2017 Hurricanes Irma and Maria. An Agreement was established with the Puerto Rico Department of Housing (PRDOH) for the City Revitalization Program funds as part of the Community Development Block Grant for Disaster Recovery (CDBG-DR) Program. The Municipality of Juana Diaz was approved to rehabilitate and renovate (Rehabilitation to the Román Baldorioty De Castro Public Square) and strategically restore it as a resilience area for the community, while preserving the historic development of the space and of the Municipality of Juana Diaz. The Puerto Rico State Historic Preservation Office (PRSHPO), in a letter dated (*January 14, 2025*), concurred with a decision of No Adverse Effect for this undertaking, conditioned to the implementation of an archaeological monitoring during all ground disturbing activities.

The project will repair damage caused by Hurricanes Irma and Maria and rehabilitation work will be concentrated within the built footprint of the Juana Diaz Municipal Plaza. The San Roman Nonato Parish is located within the plaza. This plaza is not within the scope of work for this project, so there will be no impact on it or other surrounding public spaces. Work will only be limited to the Roman Baldorioty De Castro Plaza in Juana Diaz.

Objectives: This archaeological monitoring plan aims to: (1) institute measures to prevent indirect adverse effects to known historical resources; (2) implement the protocol to be followed in archaeological monitoring; (3) establish the procedure to be followed if previously unknown resources are identified; (4) set up the procedure to be followed if there are any unexpected or previously unanticipated adverse effects; (5) detect, assess and keep record of archaeological resources during project development; (6) retrieve as much archaeological information as possible during excavation and construction; (7) to preserve and enhance the value of the archaeological resources located and documented; and (8) if the archaeological resource cannot be preserved in situ, to conserve it through documentation (preservation by record).

Figure 1: Project location (Source: *Mejoras a la Plaza Publica Román Baldorioty de Castro, TCM Project Drawings*)



This scope of work is divided into six (6) sections and two (2) appendix. The section following this preamble discusses the proposed construction works. The third section includes a brief description of the historic properties located within the APE and of the archaeological potential of the area. The fourth section provides a detailed description of the archaeological monitoring procedure to be carried out before, during and after the construction works. Section V includes the professional qualifications of the team that will implement this monitoring plan and the last section includes the references cited. The plan closes with an appendix with a model of a monitoring daily activity sheet (Appendix A) and SHPO letter (Appendix B) and Designer TCM Working Drawings (Appendix C).

- Overview/Preamble: An introductory statement that outlines the purpose and guiding principles of this document.
- Project Description: The proposed construction activities and scope of work.
- Historic Properties within the APE: A summary of the historic properties and areas of archaeological potential effects (APEs).
- Archaeological Monitoring Procedure: Details of the archaeological monitoring procedure to be executed before, during and after construction.
- Professional Qualifications: An archeologist monitor in compliance with the qualifications of the Secretary of the Interior Standard (SOI).
- Cited References: A list of cited references, including an Appendix (A) with a *Monitoring Daily Activity Sheet* template and Appendix (B) SHPO letter.

II. PROJECT DESCRIPTION:

The Municipality of Juana Díaz proposes the rehabilitation of the Román Baldorioty De Castro Public Plaza under the City Revitalization Program (PR-CRP-000434), funded by CDBG-DR. The plaza, located along Carrion Maduro Street, has experienced significant deterioration due to damage sustained during Hurricanes Irma and María. The rehabilitation project seeks to revitalize

the urban landscape, support the local economy, and provide improved open spaces for the community's enjoyment.

The project will focus on upgrading the plaza's ornamental lighting, infrastructure, and urban furniture. Existing deteriorated elements such as sidewalks, benches, and lighting will be replaced with modern, energy-efficient, and ADA-compliant features. Additionally, new cultural and recreational structures will be introduced, including a mausoleum in memory of Luis Lloréns Torres, a pergola, and a bicycle rack. Improvements to electrical and plumbing systems are also planned to support the new infrastructure.

In terms of ground disturbance, all areas within the plaza footprint will be impacted by construction activities. Although the site has been previously altered by earlier rehabilitations, the potential remains for encountering archaeological resources such as historic pavements, subsurface infrastructure, or cultural artifacts. Therefore, archaeological monitoring is required during all demolition and excavation activities to ensure that any unexpected findings are properly identified, recorded, and protected.

Demolitions:

- Remove and discard asphalt pavements in parking areas.
- Demolish and discard concrete curbs and sidewalks.
- Remove and discard existing lighting system (controls, timer contacts, outlets, water pump, motor control, electrical panel) and 22 lighting poles.
- Remove and discard statue base; remove statue for repair.
- Demolish and discard 4 lateral fountains and center fountains and statue for reconstruction.
- Demolish and discard 49 benches.
- Demolish 900 sq ft of plaza floors for electrical trench construction.
- Remove and discard 2,500 sq ft of floor tiles.

Constructions and replacements:

- Install 49 new wood benches (Model 165 by DU-MOR).
- Improve 8 existing access ramps and create 12 new ramps (ADA-compliant).
- Install 2,500 sq ft of new floor finish tiles (matching existing) on the west side of the plaza.
- Renovate concrete and asphalt pavements; install Carmelo pavers in 1,400 sq ft of the parking area.
- Install 50 rubber wheel stops in parking areas (6'-0" x 9'-0").
- Install 2 standing digital posters (43" screens) in the southwest side of the square.
- Modify electrical and plumbing systems to support new lighting, sanitation, and water

systems.

- Build a new electrical room in the southwest area.
- Excavate for installation of:
 - Electrical pedestals (1'-8" depth).
 - Pull boxes (16-1/8" depth).
 - Conduits (4'-6" depth).
- Install:
 - 38 small urban receptacles.
 - 14 trash receptacles (Model 286 by DU-MOR).
 - 14 recycling receptacles (Model 437 by DU-MOR).
- Replace 4 Palma Robelini trees; maintain other vegetation.
- Install 64 additional wood benches around the plaza.
- Construct a mausoleum for Luis Lloréns Torres.
- Install a 13-bike rack.
- Install:
 - 60 new lighting poles (Ahsbery 12'-0" AP-14-A).
 - 40 energy-saving spotlights (similar to Minion Square by ADA Lighting).
- Construct 664 linear feet of electrical trench (4' x 2').
- Renovate curbs and sidewalks (1'-6" depth, 6" wide).
- Install new parking identifications (1'-6" deep and 1'-0" diameter holes)
- Construct reinforced foundation for the Three Kings statue (6'-0" depth, 12'-0" x 16'-0" wide)
- Install pergola in northeast area: foundation excavation of 2'-6" depth, 2'-0" x 3'-6" wide.
- Construct new architectural planter (1'-6" depth and 6" diameter).
- Install new center fountain equipment (pump, spitters, overflows).

The construction staging area will remain inside the plaza boundaries and may be relocated as needed to accommodate the work schedule. Vehicular traffic around the plaza will not be affected by the project. Because the Juana Díaz Public Plaza is a historic property that has already been modified through previous interventions, the planned rehabilitation activities are expected to have an effect but not an adverse effect on its historic integrity.

III. HISTORIC PROPERTIES WITHIN THE APE:

The information below is taken from the Section 106 NHPA Effect Determination Form completed by Archaeologist Fernando Alvarado Muñoz in 2024.

The direct Area of Potential Effects (APE) for this project is the Román Baldorioty De Castro Public Square in Juana Díaz. The plaza is bounded by Muñoz Rivera Street to the east, Federico Degetau Street to the north, Carrion Maduro Street to the west, and Comercio Street to the south. It measures approximately 227 feet from north to south and 380 feet from east to west. Historical documentation, including an 1864 site plan signed by Niceto Blajas Iglesias, confirms the existence of the plaza within Juana Díaz's Traditional Urban Center during the Spanish colonial period.

The plaza is part of the original urban core of Juana Díaz, a municipality officially founded in 1798. Early documentation suggests that a town square was present by at least 1854, as Spanish colonial regulations required towns to have a church, a plaza, and a King's House. Prior to the town's founding, the fertile lands of Juana Díaz were used by settlers for agriculture and livestock, supported by the nearby Jacaguas and Guayanes Rivers.

Throughout the nineteenth century, the plaza evolved alongside the municipality. An unsuccessful attempt to construct an arch around the plaza in 1863 and subsequent property disputes led to important urban planning efforts, including requiring uniform building facades around the square. By the late 1800s, the plaza featured a rectangular, tree-lined space with a fountain supplied by an aqueduct. Historical sources, including the *Gaceta de Puerto Rico* and photographs from the early twentieth century, document the existence of this fountain and the cemented surfaces of the plaza.

Originally known as Plaza Alfonso XII, the square was renamed Román Baldorioty De Castro Plaza in 1898 to honor the prominent Puerto Rican patriot after the transition of sovereignty from Spain to the United States. Between 1917 and 1961, the plaza largely maintained its original rectangular geometry and balanced vegetation. Remodeling efforts in the 1960s and 1970s, however, altered its historic layout. Portions of the western side of the plaza were converted into parking areas, and additional parking spaces were created near the church and along the north and south ends, reflecting broader trends of urban expansion and modernization.

Today, the plaza features several monuments and sculptures, including a monument to Luis Lloréns Torres and the Three Wise Men, the latter created by Naldo de la Loma and installed in 1986. In 1996, the plaza underwent further remodeling, integrating ornamental elements, replacing lighting, and constructing four new water fountains. Although the renovations introduced modern features, they attempted to preserve aspects of the plaza's nineteenth-century character.

Adjacent to the plaza are two notable historic properties listed in the National Register of Historic Places: The San Ramón Nonato Church, built in 1788 and located within the plaza boundaries to the north, and the Old Military Road (PR-14) located along Calle Comercio to the south. Both properties contribute significantly to the historic setting of the APE. To the west of the plaza is the Municipal Mayor's Office, a nineteenth-century Spanish-influenced building

originally belonging to the Franceschi family and acquired by the municipality in 1896. To the east and south, the plaza is bordered by historic businesses, government offices, and homes of architectural significance. The surrounding streets—Muñoz Rivera Street (east), Federico Degetau Street (north), Carrion Maduro Street (west), and Comercio Street (south)—feature preserved structures exhibiting Colonial, Neoclassical, and Creole styles from the nineteenth and early twentieth centuries.

The plaza continues to serve as an important center of community life, hosting the annual Three Wise Men celebration, a tradition that has been celebrated in Juana Díaz for over one hundred years.

Archaeological Potential

The Area of Potential Effects (APE) for this project, the Román Baldorioty De Castro Public Plaza in Juana Díaz, has potential to contain archaeological resources associated with both the pre-Columbian and colonial periods. Its location within the Traditional Urban Center of Juana Díaz, suggests that subsurface remains from early urban development could be present. Additionally, the broader region encompassing the southern municipalities of Puerto Rico is considered highly sensitive for archaeological resources.

Located at the interface between the Southern Coastal Plain and the Mountainous Interior physiographic regions, this area was occupied by various pre-Columbian cultures, including the Archaic, Saladoid, Pre-Taíno (Ostionoid), and Taíno (Chicoid) groups. Although no pre-Columbian archaeological sites have been identified within a quarter-mile radius of the project site, more than fifteen sites have been reported within Juana Díaz.

Within the project's direct APE, the Román Baldorioty De Castro Public Plaza itself is a significant historic resource. Established during the Spanish colonial period, the plaza, along with the King's House and the church, played a central role in the foundation and growth of Juana Díaz. Although the plaza has undergone multiple interventions over time, it retains its historical importance for the municipality and the broader cultural heritage of Puerto Rico. Inside the plaza stands the San Ramón Nonato Church, a National Register of Historic Places (NRHP)-listed property located adjacent to the project site. To the south, along Calle Comercio, is the Central Highway (PR-14), also listed in the NRHP.

Given the plaza's long history of use, previous urban modifications, and proximity to historic structures, archaeological monitoring is necessary to identify and document any subsurface remains that may still exist. Potential findings could include remnants of original nineteenth-century sidewalks, pavements associated with the Old Military Road (PR-14), buried infrastructure related to early aqueduct systems, construction materials from previous plaza configurations, and possibly artifacts linked to the early colonial occupation of Juana Díaz. Although prior renovations

have altered the site's surface, significant archaeological resources may remain intact below ground and warrant careful observation during project activities.

IV. ARCHAEOLOGICAL MONITORING PROCEDURE

The monitoring activities can be divided into three groups: activities before the project begins, activities during construction, and post-construction activities. Monitoring is limited to activities that entail demolition and excavations. Those construction activities that do not entail excavations or earth movements do not require an archaeological monitor. However, if there are activities with heavy equipment taking place in the vicinity of historic buildings, there should be a monitor present to prevent accidents and indirect impacts.

A. Before Construction Begins

1. The Construction Manager (CM) will notify the Project Manager (PM), Grant Manager (GM), and Monitor of the proposed activities' start date. The PM is responsible for coordination between the CM and the SOI-qualified archaeologist who will oversee the monitoring (Monitor). The GM shall notify the State Historic Preservation Office (SHPO) of the construction start date and the archaeology company charged with implementing this Plan.
2. Before any demolition or construction begins, the PM, CM, GM, and Monitor will have a kickoff meeting to discuss the procedure for archaeological monitoring, including the coordination protocol between the Monitor and the Contractor. The Monitor will provide an orientation on the area's cultural resources and potential resources and their proper treatment. The Monitor will also explain which project activities require archaeological monitoring.
3. The CM, PM, and construction crew will complete and sign a statement outlining the activities that may not be performed without the Monitor's presence, demonstrating their understanding and commitment to following the archaeological monitoring procedures.
4. The Monitor will document the historic properties (NRHP-listed and eligible) located within the project's area of potential effects by means of verbal descriptions and photographs. This documentation shall be included as an appendix to the first weekly report.

B. During Demolition and Construction

1. The Monitor shall be in the field during all project activities involving demolition and ground disturbance; access and clear sightlines to all demolition and excavation activities and debris removal will be provided to the Monitor. In the event of simultaneous excavations in different areas of the project, an archaeologist should be assigned to each area.
2. The Monitor shall provide instructions directly to the construction field personnel concerning how to proceed when there is a potential to impact an archaeological resource. The construction field personnel will abide by these requests: excavate slowly, stop the excavation work to evaluate a finding, etc.
3. The Monitor shall keep a record of monitored activities. The Monitor shall fill out the Daily Record of Activities Form, including photos of the area of interest (see Appendix A). These Forms will be attached to the final report as an appendix. These forms shall be emailed to the GM during the following week in which the monitoring was conducted.

4. The Monitor shall document all archaeological remains identified during construction activities, except for previously unidentified historically significant findings (refer to B-6 below). The documentation shall include a detailed description of the discovery, context, horizontal and vertical provenience, photos, and a plan drawing. This documentation shall be done within a reasonable amount of time, trying as much as possible, not to impact on the project schedule.
 - a. The documentation may require extending the contractor excavations to expose and define the finds. Associated stratigraphy will be documented and representative samples of associated artifactual material will be recovered. For structural remains, construction materials and techniques will be documented. The controlled units may vary in size according to the nature and dimensions of the archaeological find. These will be excavated by strata, cultural or natural, with vertical and horizontal control. When warranted, the removed soil will be sifted through ¼ inch mesh. The recovered artifactual material will be bagged and labeled by specific origin. It shall proceed in accordance with the protocol included in item B-7.
5. Any subsurface feature may be demolished and removed after being documented by the Monitor and approved by the GM. The information recorded will be included in the final report.
6. If the identified archaeological remains are considered historically significant– i.e., complex structures, precolonial remains or stratified deposits – the Monitor shall instruct the construction crew to (1) immediately cease work in the vicinity of the discovery, (2) take all reasonable measures to avoid or minimize harm to the property, and (3) notify the PM, CM, and GM. The GM shall immediately notify the SHPO, as per stipulation III.B.1.b. of the PA. The following protocol shall be followed:
 - a. The Monitor shall make a preliminary assessment of the finding. The assessment shall include a description of the discovery, location, horizontal and vertical extent (if known), context, photographs, and drawings, as deemed necessary. The assessment shall also include a work plan for implementing a National Register of Historic Places' eligibility evaluation of the exceptional remains (in other words, an evaluation of significance and integrity).
 - b. The assessment and NRHP-eligibility evaluation work plan shall be submitted via email to the PM and GM within 24 hours of the discovery. The GM will comment on the work plan within 24 hours of receiving it.
 - c. The Monitor shall implement the work plan after receiving the GM's authorization to proceed. After completing the fieldwork, the Monitor shall prepare an End of Field Report, summarizing the results. Said report should include an NRHP-eligibility determination. The End of Field Report shall be submitted via email to the PM and GM within 48 hours after completing the fieldwork.
 - d. The GM shall notify the SHPO of the NRHP-eligibility determination.
 - i. If the finding is **not eligible** to the NRHP, the GM shall notify the SHPO and provide supporting documentation. Construction activities may resume under archaeological monitoring unless the SHPO disagrees with the NRHP determination and makes a timely objection within 48 hours of the notification.
 - ii. If the finding is **eligible** to the NRHP, the criteria of adverse effect shall be applied. If the project activities do not adversely affect the finding, the GM shall notify the SHPO and provide supporting documentation. Construction activities may resume

- under archaeological monitoring unless the SHPO makes a timely objection within 48 hours of the notification.
- iii. If the project activities have an **adverse effect** on the NRHP-eligible finding, a Data Recovery will be implemented as a Treatment Measure per Appendix F of the PA. The Monitor shall develop a data recovery plan with a research design consistent with the Secretary of the Interior's Guidelines for Archeological Documentation (http://www.nps.gov/history/locallaw/arch_stnds_7.htm), the Advisory Council on Historic Preservation's (ACHP) recommendations on the recovery of significant information from archaeological sites as updated in 2009, at [https://www.achp.gov/protectinghistoricproperties/Section_106 Archaeology Guidance](https://www.achp.gov/protectinghistoricproperties/Section_106_Archaeology_Guidance). The data recovery plan shall be submitted via email to the GM for comments. The GM shall be responsible for submitting the data recovery plan to the SHPO for comments and approval. This treatment measure does not apply to burials or human remains (refer to IV.D of this work plan).
7. Processing of archaeological artifacts, if any, will be conducted concurrently with the field work. A summary of these activities shall be included in the monthly report. Artifacts shall be curated and processed in accordance with the standards set forth in 36 CFR Part 79 Curation of Federally-Owned and Administered Archaeological Collections.
 - a. Artifacts shall be washed and sorted. Materials such as ceramics, lithics, shell, bone, glass, metal, and others, should be subject to general analysis considering aspects such as material, manufacture, style, function, type, variety, use, and others. Due to their nature, some of these materials require specialized analysis such as studies of malacology, zooarchaeology, bioarcheology, among others, which should be carried out by specialists. The classification scheme used in the classification will be chosen by the archaeologist according to the context, type of material recovered and previous experience. The classification scheme shall be referenced with available bibliographic references.
 - b. The materials laboratory shall include a quantitative, qualitative, and comparative analysis of all archaeological materials recovered during archaeological monitoring. An inventory of artifacts by category, and a catalog of artifacts by material type shall be prepared.
 - c. Photographic documentation shall be made of representative artifacts in the collection.
 - d. If necessary, documentary research will be conducted for analysis and interpretation of artifacts and other finds.
 - e. Samples from strata or from particular cultural elements must be properly packaged, labeled and preserved. The data resulting from their analysis must be included in the final report.
 8. If any additional construction activities are added or design changes are made after the project has begun, the CM and PM, prior to performing the work, shall inform the GM and the Monitor. The Monitor, in conjunction with GM, shall evaluate these activities and apply the adverse effect criteria. If it is determined that the effect is adverse, the archaeologist will provide recommendations on how to avoid, minimize, or mitigate the adverse effect. These recommendations will be consulted with the SHPO implementation. The SHPO will have 15 days to comment on the recommendations. If no communication is received within that time frame it will be assumed that the SHPO has no objection and concurs with the recommendations outlined.

9. If during construction activities a historic property is affected in an unanticipated manner, the CM shall stop work immediately, and inform the PM, GM, and Monitor. The Monitor, in conjunction with GM, shall evaluate the unanticipated effects and apply the adverse effect criteria within no more than 24 hours. If the effect is determined to be adverse, the Monitor and GM will provide recommendations on how to avoid, minimize, or mitigate such adverse effects. The GM shall consult with the SHPO on the recommendations prior to implementation. The SHPO will have 48 hours to comment on the recommendations. If no communication is received within that timeframe, it will be understood that the SHPO has no objection and concurs with the recommendations outlined.

C. After Construction Ends

1. Upon the completion of archaeological monitoring, the PM and GM shall be notified. The estimated date of delivery of the final report shall be indicated in the said notification.
2. The Monitor shall again document the historic properties located within the project's area of potential effects. The condition of the properties should be compared with those documented at the beginning of the project. This documentation shall be included in the final technical report.
3. A Final Archaeological Monitoring Report shall be prepared and submitted to the GM no later than six (6) weeks after completing the archaeological monitoring plan. The GM shall submit the report to the SHPO no later than one (1) week after receiving it. This report shall include a description of the work performed, the construction activities that were archaeologically monitored, and documentation of unexpected finds, if any. It should also include final documentation of the condition of the properties along with a comparison of the final condition of the structures to the initial condition.

D. Human Remains

If human remains are discovered, the protocol established in Stipulation III.B.1.c. of the PA, must be followed:

1. Stop work immediately.
2. Notify the local law enforcement office and coroner/medical examiner following applicable Commonwealth statute(s).
3. Protect the remains from any harm.
4. The GM shall be responsible for notifying the SHPO within twenty-four (24) hours of identifying human remains.
5. The services of a physical anthropologist or specialist in bioarcheology will be required.

V. PROFESSIONAL QUALIFICATIONS:

The Monitor must meet the minimum Secretary of the Interior Professional Qualifications Standards for Archaeology established in 36CFR Part 61. These are: a graduate degree in archaeology, anthropology, or closely related field, plus at least one (1) year of full-time professional experience or equivalent specialized training in archaeological research,

administration, or management; at least four (4) months of supervised field and analytic experience in general Puerto Rican archaeology; the demonstrated ability to carry research to completion; and at least one (1) year of full-time professional experience at a supervisory level in the study of archaeological resources of the pre-Columbian and colonial periods. Please see https://www.nps.gov/history/local-law/arch_stnds_9.htm for more information.

The SOI-qualified archaeologist shall not defer their monitoring responsibilities to any other person who does not meet the minimum professional qualifications. Any additional personnel to intervene in monitoring efforts shall have vast experience in historic archaeology, in working in evaluation (Phase II), documentation (Phase III), and monitoring projects dealing with colonial period properties.

The Principal Investigator may not transfer his or her duties, obligations, and responsibilities to subordinates or other technicians who are not professionally trained in archaeology. In the case of hiring archaeologists and trained technicians to assist in archaeological monitoring, the Principal Investigator must be present for at least 25 percent of the duration of the fieldwork to supervise them.

VI. CITED REFERENCES:

Advisory Council on Historic Preservation

2009 ACHP recommendations of recovery of significant information from archaeological sites https://www.achp.gov/protectinghistoricproperties/Section_106_Archaeology_Guidance.

Alvarado Muñoz Fernando, SOI / Javish, Muñiz Reyes, SOI

2024 Puerto Rico 2017 Disaster Recovery, CDBG-DR Program.
City Revitalization Program (City-Rev). Section 106 - NHPA Effect Determination Form.

National Park Service

"Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines [As Amended and Annotated] Professional Qualification Standards".


https://www.nps.gov/history/local-law/arch_stnds_9.htm

"Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines for Archeological Documentation". http://www.cr.nps.gov/local-law/arch_stnds_7.htm

TMC Group PSC


100% Design Drawings. Mejoras a la Plaza Publica Román Baldorioty De Castro de Juana Diaz, Puerto Rico. PR-CRP-000434.

VII. APPENDIX A:

| | | |
|--|-------|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination | |  |
| Project Name: | | |
| Case ID: | City: | |
| Project Coordinates: | | |

| |
|-------------------------------------|
| SOI Qualified-Archaeologist: |
| Archaeologist Assistant: |
| Date of Monitoring: |
| Work Hours: |

| | | |
|--|--------------------------|--------------------------|
| Description of work performed by contractor and supervised by the Monitor: | | |
| | | |
| | YES | NO |
| Was an archaeological remain documented during the day. If yes, include required information below. | <input type="checkbox"/> | <input type="checkbox"/> |
| Was an exceptional archaeological remain identified during the day? If yes, explain below. | <input type="checkbox"/> | <input type="checkbox"/> |
| Have the construction activities affected a previously unidentified property or a known historic property in an unanticipated manner? If yes, explain below. | <input type="checkbox"/> | <input type="checkbox"/> |
| Has there been a change in the scope of work of the project? If yes, explain below. | <input type="checkbox"/> | <input type="checkbox"/> |

| | | |
|--|-------|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination | |  |
| Project Name: | | |
| Case ID: | City: | |
| Project Coordinates: | | |

| Site Photos | |
|---|--|
| Direction of Photo: Description: | |
| Direction of Photo: Description: | |

APPENDIX B: Puerto Rico State Historic Preservation Office (PRSHPO) letters.



GOVERNMENT OF PUERTO RICO
STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Tuesday, January 14, 2025

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-10-07-24-03 PR-CRP-000434 (Juana Díaz), Mejoras a Plaza Pública
Roman Baldorioty De Castro

Dear Ms. Poche,

We acknowledge receipt of your submittal letter and requested information, dated October 7, 2024, regarding the above referenced project. After a review of all the documentation, the PRSHPO concurs with your determination that the proposed project will have no adverse effect on historic properties for this undertaking conditioned to an archaeological monitoring during all ground disturbing activities for the project. An archaeology monitoring work plan must be submitted to PRSHPO for its review and concurrence before any works initiates.

Please note that should the Agency discover other historic properties at any point during project implementation, you should notify the SHPO immediately. If you have any questions concerning our comments, do not hesitate to contact our Office.

Sincerely,




Carlos A. Rubio Cancela

State Historic Preservation Officer
CARC/GMO/EVR



Caño de Balaño (Torreón Viejo), Calle Herógenes, Esq. Benildorosa, Viales, San Juan, PR 00901 | PO Box 922393, San Juan, PR 00902-0935

787.721.3737

 oech.pr.gov



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

Arch. Carlos A. Rubio Cancela

Executive Director

Puerto Rico State Historic Preservation Office

Cuartel de Ballajá, Third Floor

San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG-MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,



Aldo A. Rivera Vázquez, PE

Director

Division of Environmental Permitting and Compliance

Office of Disaster Recovery



December 19, 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: COBG-DR City Revitalization (City-Rev) Program

Re: Clarification Request for SHPO-CF-07-25-24-02/SHPO-CF-10-07-24-03, PR-CRP-000434, Mejoras a Plaza Pública Román Baldorioty De Castro Project, Juana Díaz, Puerto Rico – Additional Information

Dear Architect Rubio Cancela,

On behalf of the Puerto Rico Department of Housing (PRDOH), we thank you for your letter dated November 8, 2024, and for your additional feedback at our meeting November 21, 2024, in response to the additional documentation submitted for consultation regarding the Mejoras a Plaza Pública Román Baldorioty De Castro Project in the municipality of Juana Díaz.

You requested clarification of the height of the base for the sculpture of the three wise men and an explanation as to why the existing statue base cannot be retained. You also recommended that the municipality remove the proposed ATM from the project plans, as it is not appropriate to the historic context of the plaza.

The municipality has confirmed that the new height of the base is four feet higher than the existing base, as shown in the design plans. Attached are sections with dimensions that show the proposed design in context with its surroundings, especially the view of the new monument base with the Three Wise Men statue showing its final height in relation to the church and the immediate context.

Also attached is a letter from the Municipality of Juana Díaz's Engineering Office stating that the municipality would agree to remove the ATM. The letter further explains that the current monument base cannot support the weight of the monument when it is recast in bronze. The proposed monument base has been engineered to account for the density of the bronze casting and the statue's dimensions. It will be constructed to distribute the statue's weight evenly and prevent ground settlement, as informed by a geotechnical evaluation of the site.

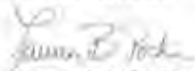
As always, we appreciate your feedback and look forward to continuing our collaborative efforts on this project.

1 | 1



Please contact me with any questions or concerns by email at lauren.poehe@horne.com or phone at 225-405-7676.

Kindest regards,



Lauren Bair Poche, M.A.
Architectural Historian, EHP Senior Manager
LBP/KPS

Attachments

410111



December 18, 2024.

Lauren Bair Poche, M.A.
EHP Senior Manager – Architectural Historian, Government Services

City Revitalization Program.

PR-CRP-000434: Mejoras a la Plaza Pública Román Baldorioty de Castro,

Ref.: Additional SHPO Feedback.

In response to the comments received about project PR-CRP-000434, the Municipality of Juana Díaz (MJD) would agree to removing the ATM if it poses an obstacle to the project's approval. However, the situation with the monument base requires a different approach. The monument currently in place is a fiberglass mold with minimal weight. Nevertheless, the clear intention from the outset has been for the MJD to eventually cast the monument in bronze.

This process would necessitate a complete reconstruction of the base, incorporating structural reinforcements capable of supporting the substantial weight of the bronze monument, which is expected to weigh several thousand pounds. A reinforced concrete foundation will be constructed to distribute the statue's weight evenly and prevent ground settlement. The foundation design is informed by a geotechnical evaluation of the site.

The base has been specifically engineered to support an estimated weight of "X tons," accounting for the density of the bronze casting and the statue's dimensions. Its size and shape have been designed to complement the statue's proportions while maintaining aesthetic harmony with the surrounding plaza. A minimal increase in the base's footprint ensures seamless integration with the plaza layout, preserving its overall functionality and design. This proposed base prioritizes both structural integrity and visual appeal, providing the necessary support for the new bronze statue while ensuring long-term stability and safety.

From my perspective, the monument's location and the minimal changes to its dimensions do not significantly impact the plaza. Furthermore, concerning the church's monumental presence, it is already elevated above the plaza level, which naturally slopes upward, positioning the church at the highest point.

Oficina de
Ingeniería





📍 Calle Degretal 811, Juana Díaz, PR 00711
☎ 787-837-2115 Ext. 2400
✉ ingenieria@juandiaz.pr.gov
📮 PO Box 3400, Juana Díaz, PR 00711

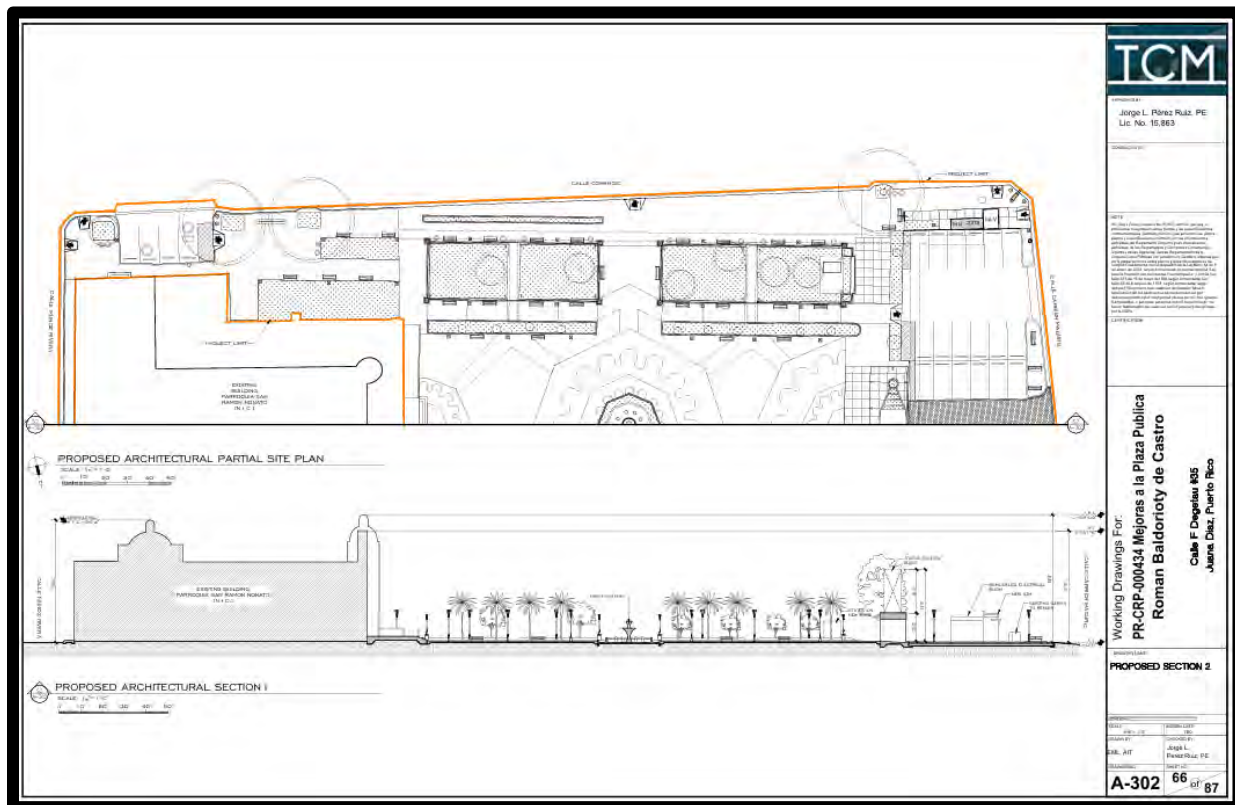
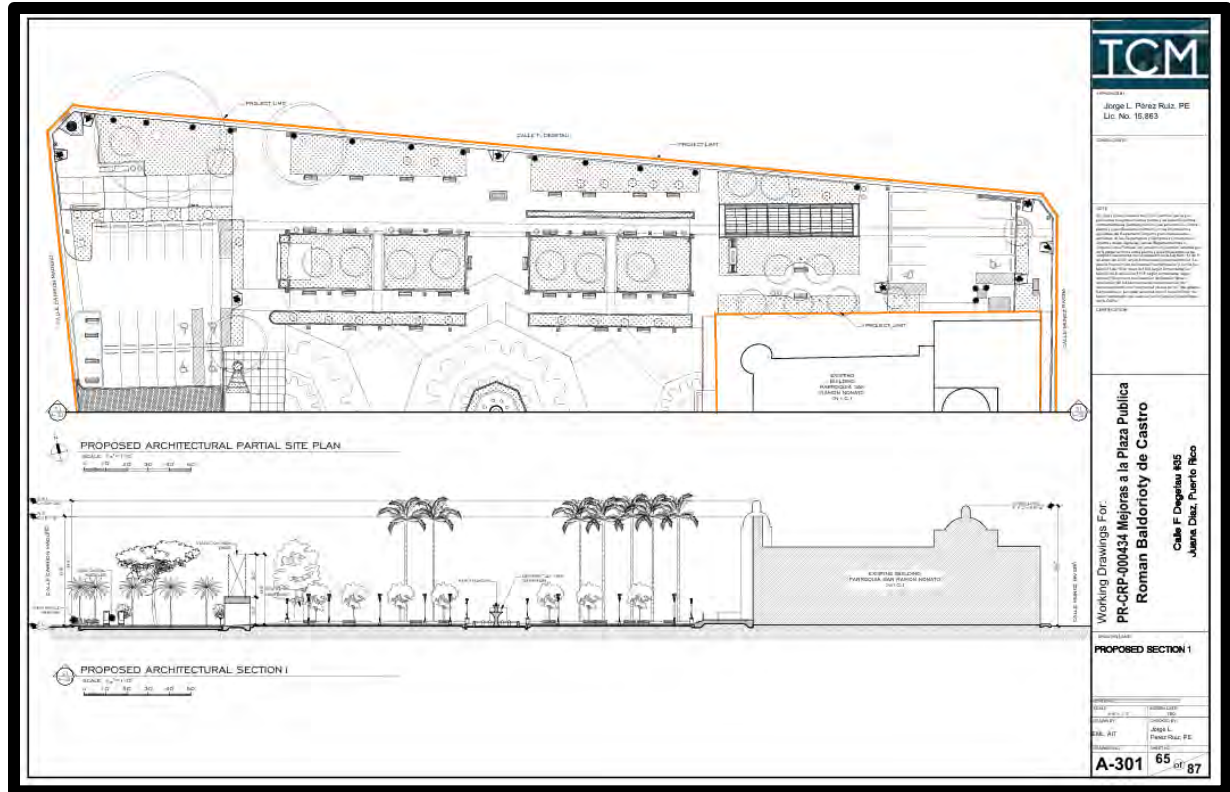


Should you have any questions or comments about the information presented above, please contact the undersigned at (787) 837-2185, or via e-mail at jplata@juanadiaz.pr.gov.

José L. Plata Rodríguez
Architect in Training (AIT)
Engineering Office – Municipality of Juana Díaz

Oficina de
Ingeniería

 Calle Degétau #35, Juana Díaz, PR 00795
 787-837-2185 Ext. 2420
 ingenieria@juanadiaz.pr.gov
 PO Box 1409, Juana Díaz, PR 00795





GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio Cancellá | carubio@prshpo.pr.gov

Friday, November 8, 2024

Lauren B Poche

269 Avenida Ponce de Leon, San Juan, PR, 00917

SHPO-CF-10-07-24-03 PR-CRP-000434 (Juana Diaz), Mejoras a Plaza Pública
Román Baldorioty De Castro

Dear Ms. Poche,

We acknowledge receipt of your submittal letter and requested information, dated October 7, 2024, regarding the above referenced project.

After a review of all the documentation provided, we are concerned that the information provided does not match the information discussed in a meeting with the Mayor and the municipal architect on September 23, 2024.

The height of the new base for the sculpture of the three wise men was discussed at this meeting, and the mayor stated that it would be two feet higher than the existing one for structural reasons. However, the information provided in the project indicates that the new height of the base is four feet higher.

In order to continue the evaluation of the project, we need to clarify what is the correct information.

Sincerely,



Carlos A. Rubio Cancellá

State Historic Preservation Officer

CARC/GMO/ EVR



GOVERNMENT OF PUERTO RICO, OFFICE OF THE STATE HISTORIC PRESERVATION OFFICER, 269 AVENIDA PONCE DE LEON, SAN JUAN, PR 00917 (PO BOX 902323, SAN JUAN, PR 00902-0323)

787.721.3737

oeh.p.r.gov



GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

Arch. Carlos A. Rubio Cancela

Executive Director
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá, Third Floor
San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Home Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG-MIT Programs.

To expedite the processes, Home Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,



Aldo A. Rivera Vázquez, PE

Director
Division of Environmental Permitting and Compliance
Office of Disaster Recovery

Barbosa Ave #808, Building Juan C. Cordero Davila, Rte Piedras, PR 00918 | P.O. Box 2365, San Juan, PR 00926-0365
Tel: (787) 274-2527 | info@rovengineering.com



October 7, 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 Program

Re: Additional Information Request for SHPO 07-25-24-02, PR-CRP-000434, Mejoras a Plaza Pública Román Baldorioty De Castro Project, Juana Díaz, Puerto Rico – No Adverse Effect, Conditioned

Dear Architect Rubio Cancela,

On behalf of the Puerto Rico Department of Housing (PRDOH), we thank you for your letter dated August 22, 2024, in response to the documentation submitted for consultation regarding the Mejoras a Plaza Pública Román Baldorioty De Castro Project in the Municipality of Juana Díaz.

In that letter, the following documentation was requested that PRDOH provides the following information so that the SHPO may fulfill its legal responsibilities:

1. *Longitudinal elevations and sections with dimensions that show the proposed design in context with its surroundings, especially the view of the new monument base with the Three Wise Men statue showing its final height in relation to the church and the immediate context.*

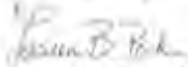
In response to your request, we are submitting the 100% design drawings with the requested elevations and sections found on Sheets A-301 and A-302 (pages 65 – 66). We hope that these drawings provide you with the information needed to complete your review.

We believe that the provided drawings support our original determination that the undertaking for this project will result in no adverse effect to historic properties. Therefore, based on the provided documentation, the Program requests a concurrence with a determination that "No Adverse Effect" is appropriate for this undertaking, conditioned to the following: (1) Archaeological monitoring should be conducted during all ground disturbing activities by an S01-qualified archaeologist. If this condition is determined appropriate, an archaeology monitoring work plan will be prepared and submitted for review.



Please contact me with any questions or concerns by email at lauren.pocher@horne.com or phone at 225-405-7676.

Kindest regards,



Lauren Blair Poche, M.A.
Architectural Historian, EHP Senior Manager
LBP/KPS

Attachments

PR-CRP-000434

**Mejoras a Plaza Pública Román Baldorioty
De Castro Project**

Juana Díaz, Puerto Rico

100% Design Plans with Longitudinal
Elevations

WORKING DRAWINGS FOR: PR-CPR-000434
IMPROVEMENTS TO ROMAN BALDORIOTY
DE CASTRO PUBLIC SQUARE

SEPT. 2024 | 100%

OWNER: AUTONOMOUS MUNICIPALITY OF JUANA DIAZ
CALLE F. DEGETAU #35 JUANA DIAZ 00795



Jorge L. Pérez Ruiz, PE
Lic. No. 15.883

Working Drawings For:
PR-CPR-000434 Mejoras a la Plaza Pública
Roman Baldorioty de Castro

Calle F. Degetau #35
Juana Diaz, Puerto Rico

Working Drawings For:
PR-CPR-000434 Mejoras a la Plaza Pública
Roman Baldorioty de Castro

TITLE SHEET

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|-----|--------|---|
| 1 | 00-001 | TITLE SHEET |
| 2 | 00-002 | INDEX OF DRAWINGS |
| 3 | 00-003 | GENERAL NOTES & SYMBOLS |
| 4 | 00-004 | GENERAL NOTES |
| 5 | 00-005 | EXISTING CONDITIONS & DEMOLITION GENERAL PLAN |
| 6 | 00-006 | EXISTING CONDITIONS & DEMOLITION AREA 1 |
| 7 | 00-007 | EXISTING CONDITIONS & DEMOLITION AREA 2 |
| 8 | 00-008 | EXISTING CONDITIONS & DEMOLITION AREA 3 |
| 9 | 00-009 | EXISTING CONDITIONS & DEMOLITION AREA 4 |
| 10 | 00-010 | EXISTING CONDITIONS & DEMOLITION AREA 5 |
| 11 | 00-011 | EXISTING CONDITIONS & DEMOLITION AREA 6 |
| 12 | 00-012 | EXISTING CONDITIONS & DEMOLITION AREA 7 |
| 13 | 00-013 | EXISTING CONDITIONS & DEMOLITION AREA 8 |
| 14 | 00-014 | EXISTING CONDITIONS & DEMOLITION AREA 9 |
| 15 | 00-015 | EXISTING CONDITIONS & DEMOLITION AREA 10 |
| 16 | 00-016 | EXISTING CONDITIONS & DEMOLITION AREA 11 |
| 17 | 00-017 | EXISTING CONDITIONS & DEMOLITION AREA 12 |
| 18 | 00-018 | EXISTING CONDITIONS & DEMOLITION AREA 13 |
| 19 | 00-019 | EXISTING CONDITIONS & DEMOLITION AREA 14 |
| 20 | 00-020 | EXISTING CONDITIONS & DEMOLITION AREA 15 |
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| 26 | 00-026 | EXISTING CONDITIONS & DEMOLITION AREA 21 |
| 27 | 00-027 | EXISTING CONDITIONS & DEMOLITION AREA 22 |
| 28 | 00-028 | EXISTING CONDITIONS & DEMOLITION AREA 23 |
| 29 | 00-029 | EXISTING CONDITIONS & DEMOLITION AREA 24 |
| 30 | 00-030 | EXISTING CONDITIONS & DEMOLITION AREA 25 |
| 31 | 00-031 | EXISTING CONDITIONS & DEMOLITION AREA 26 |
| 32 | 00-032 | EXISTING CONDITIONS & DEMOLITION AREA 27 |
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| 69 | 00-069 | PROPOSED SITE PLAN PARTIAL ZONE Q |
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| 79 | 00-079 | PROPOSED SITE PLAN PARTIAL ZONE AA |
| 80 | 00-080 | PROPOSED SITE PLAN PARTIAL ZONE AB |
| 81 | 00-081 | PROPOSED SITE PLAN PARTIAL ZONE AC |
| 82 | 00-082 | PROPOSED SITE PLAN PARTIAL ZONE AD |
| 83 | 00-083 | PROPOSED SITE PLAN PARTIAL ZONE AE |
| 84 | 00-084 | PROPOSED SITE PLAN PARTIAL ZONE AF |
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| 99 | 00-099 | PROPOSED SITE PLAN PARTIAL ZONE AU |
| 100 | 00-100 | PROPOSED SITE PLAN PARTIAL ZONE AV |



Jorge L. Pérez Ruiz, PE
Lic. No. 15.883

Working Drawings For:
PR-CPR-000434 Mejoras a la Plaza Pública
Roman Baldorioty de Castro

Calle F. Degetau #35
Juana Diaz, Puerto Rico

Working Drawings For:
PR-CPR-000434 Mejoras a la Plaza Pública
Roman Baldorioty de Castro

INDEX OF DRAWINGS

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TCM

Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

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Abstract The purpose of this study was to determine the effect of a 12-week training program on the cardiovascular and muscular fitness of sedentary, middle-aged men. The subjects were 15 men, aged 40 to 55 years, who were sedentary and had no cardiovascular or musculoskeletal problems. They were randomly assigned to either a training or a control group. The training group performed a 12-week program of aerobic and resistance training, while the control group remained sedentary. The results showed that the training group had significant improvements in cardiovascular fitness, muscular strength, and endurance compared to the control group. The training program was well tolerated and had no adverse effects on the subjects' health. The results of this study suggest that a 12-week training program can improve the cardiovascular and muscular fitness of sedentary, middle-aged men.

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GENERAL NOTES AND SYMBOLS

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Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

ALBERTO RODRIGUEZ BANCHS, PS
LAND SURVEY - LOTS INSCRIPTION - TOPOGRAFY
PO BOX 66 MATILLO PR, 00609
(787) 545-0000

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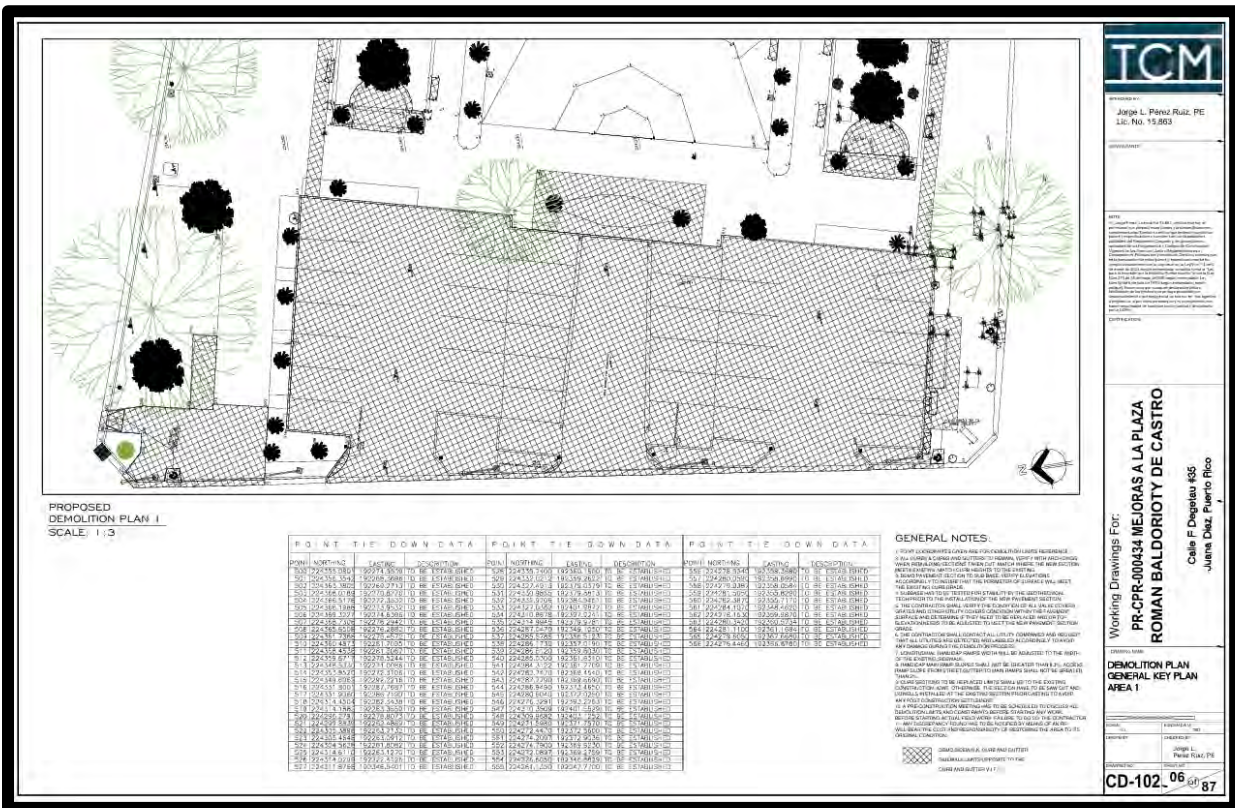
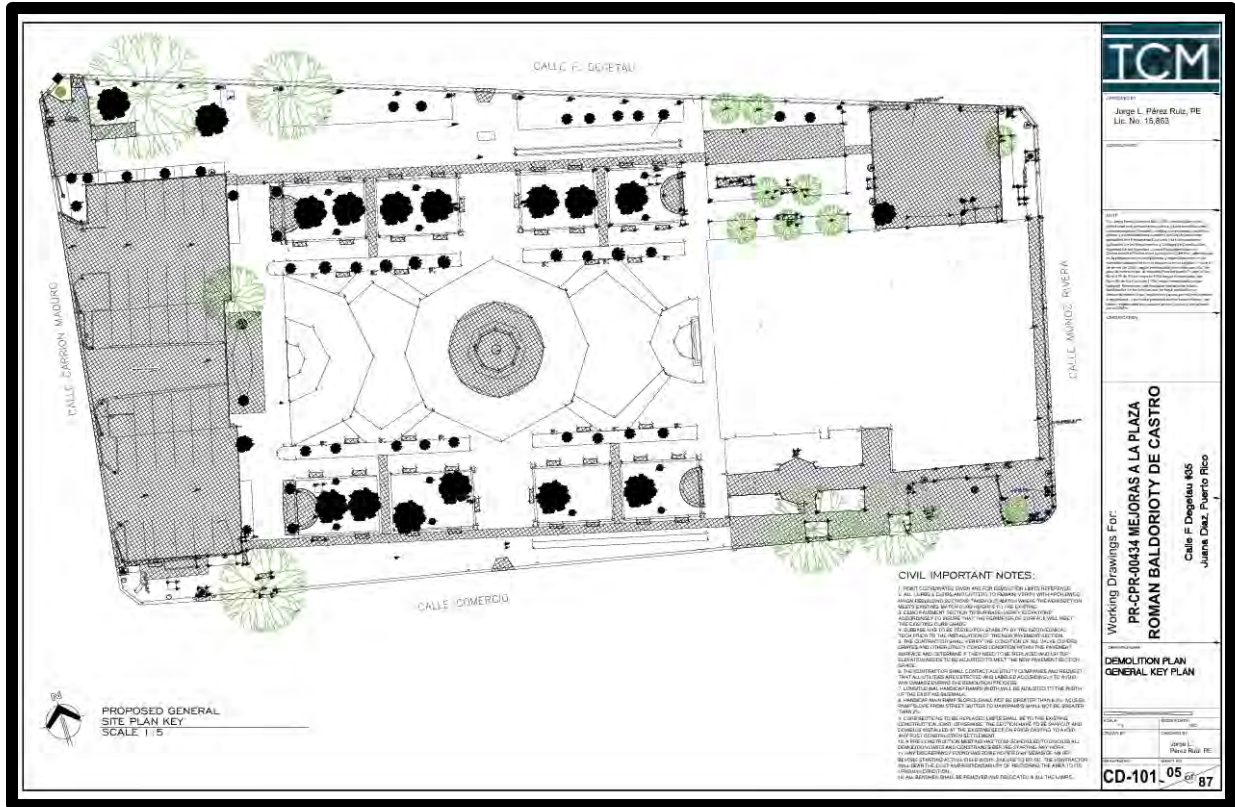
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GENERAL NOTES

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Working Drawings For:

Working Drawings For:
PR-CPR-000434 MEJORAS A LA PLAZA
ROMAN BALDORIOTY DE CASTRO

Calle F Degetau #35
Juana Díaz, Puerto Rico

DEMOLITION PLAN
GENERAL KEY PLAN
AREA 2

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GENERAL NOTES:

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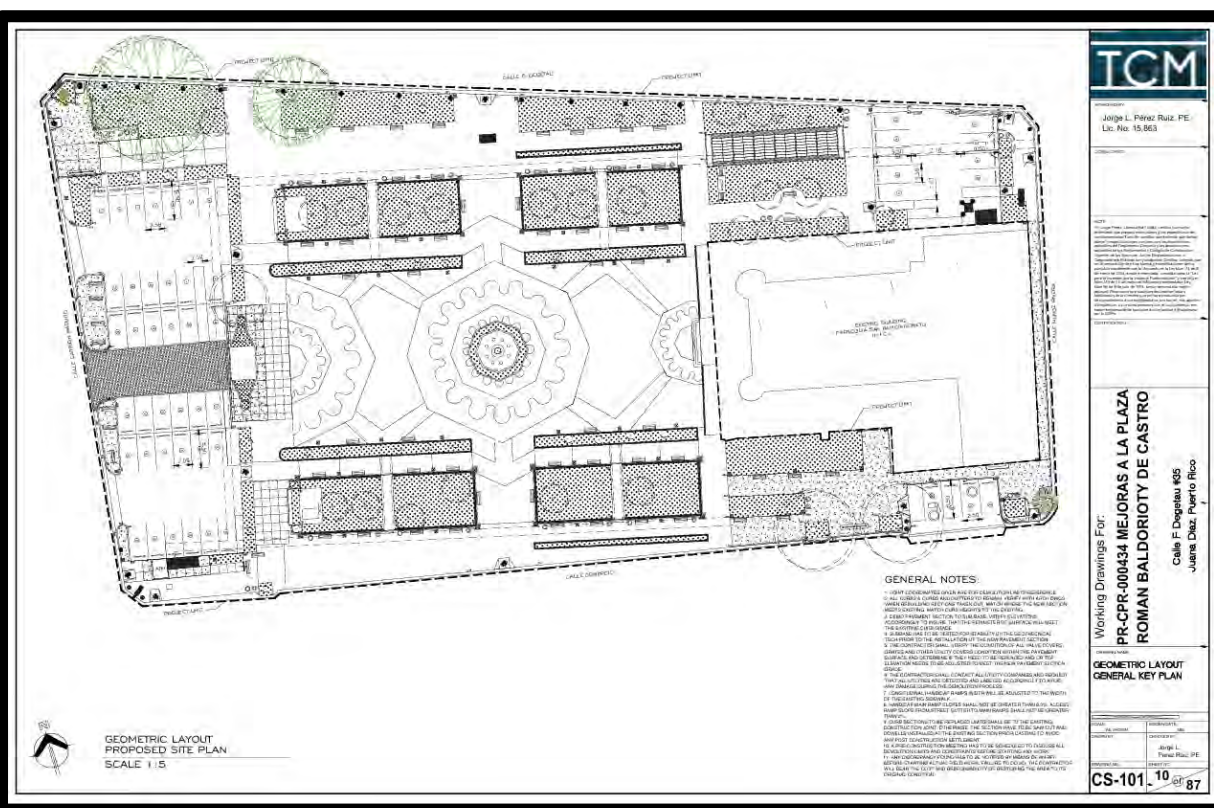
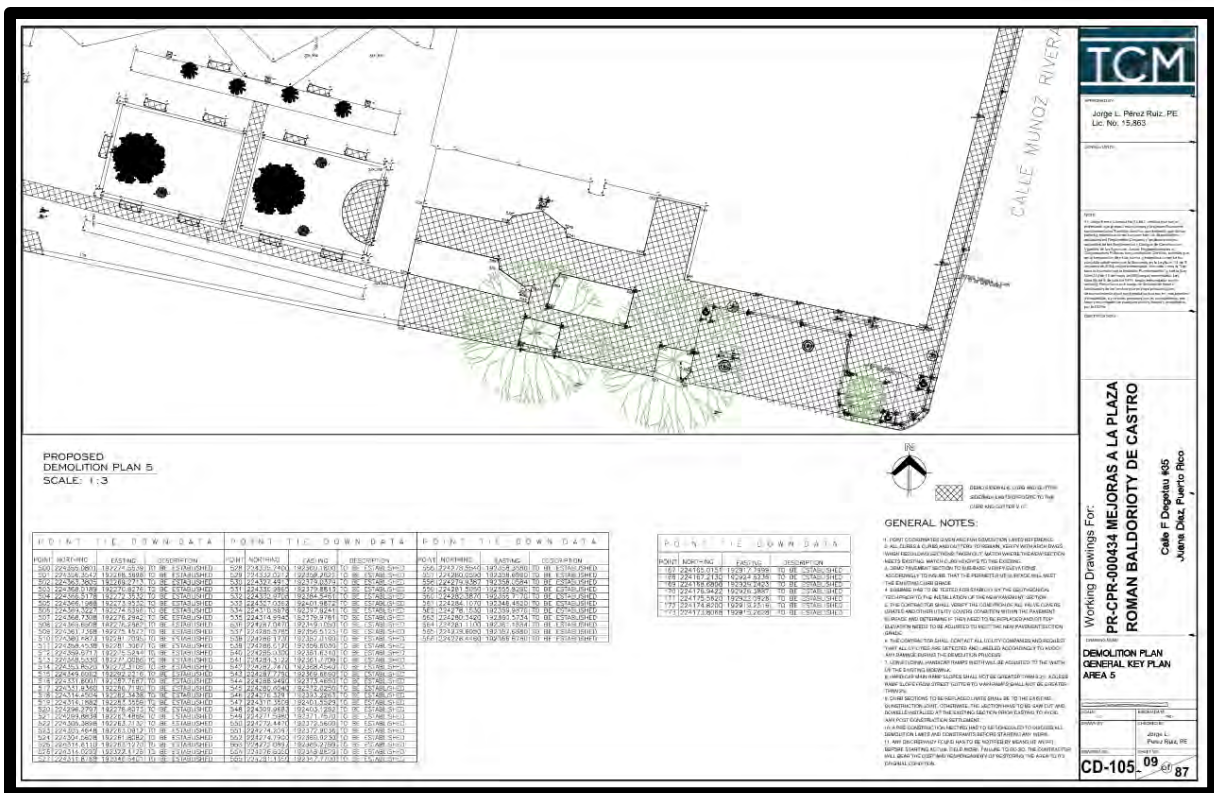
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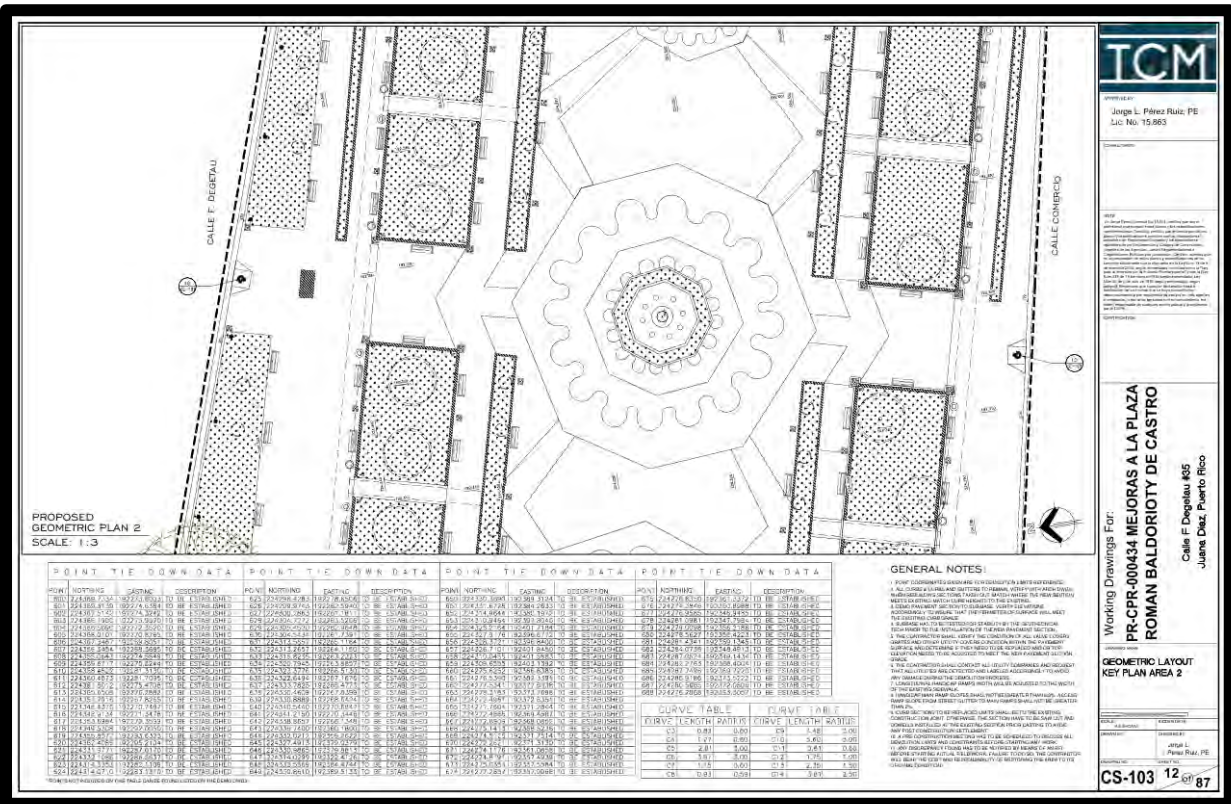
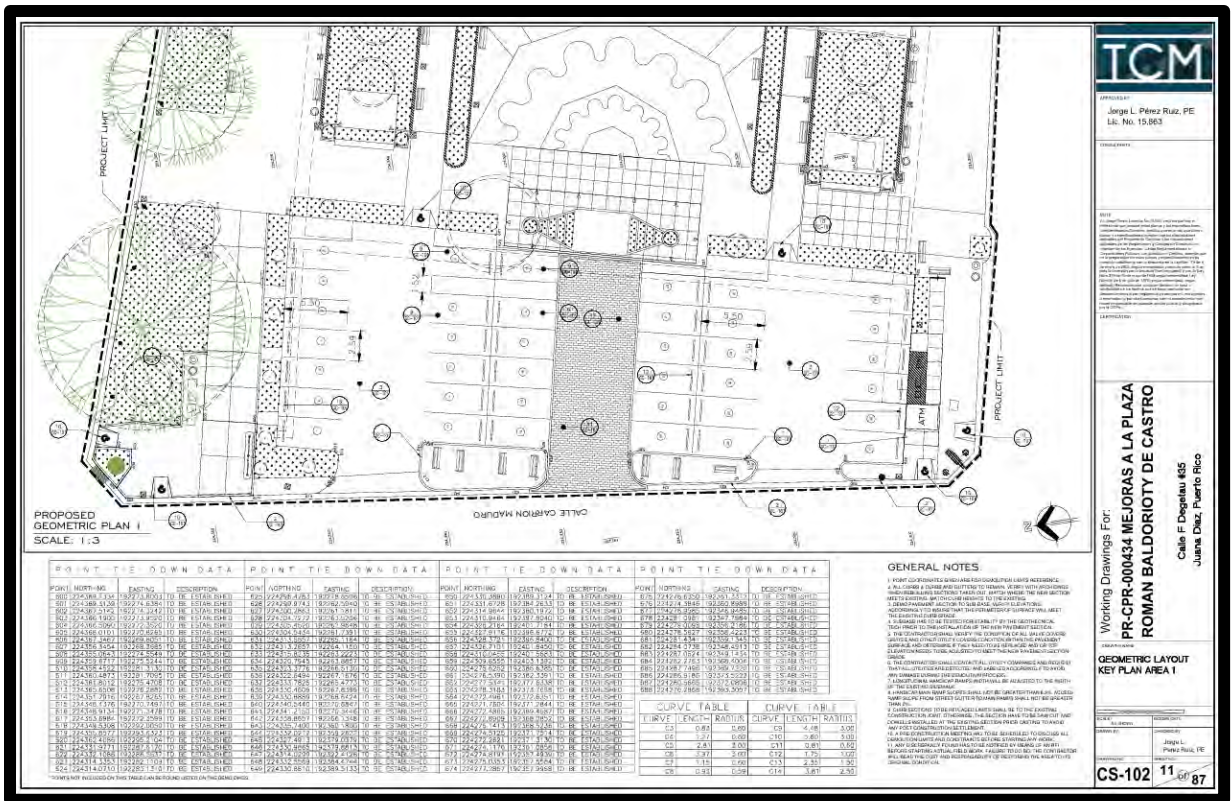
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R-CPR-000434 MEJORAS A LA PLAZA
ROMAN BALDORIOTY DE CASTRO

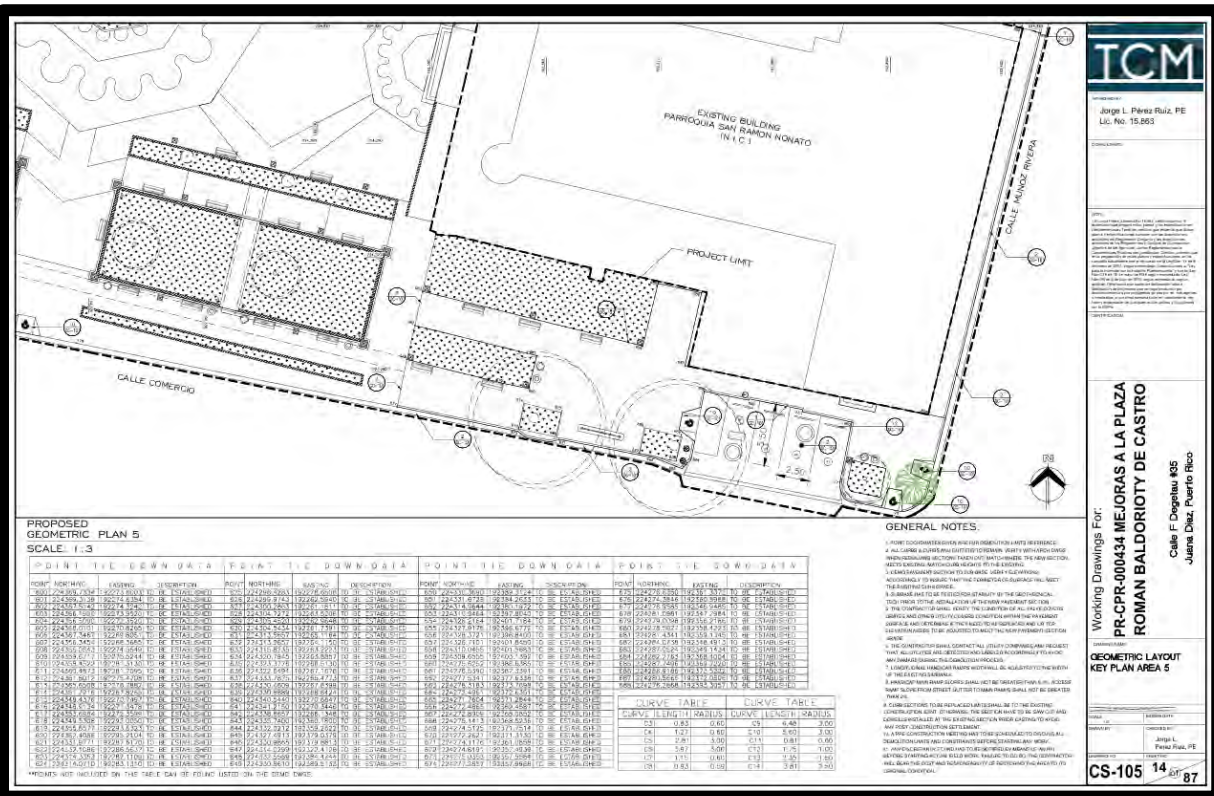
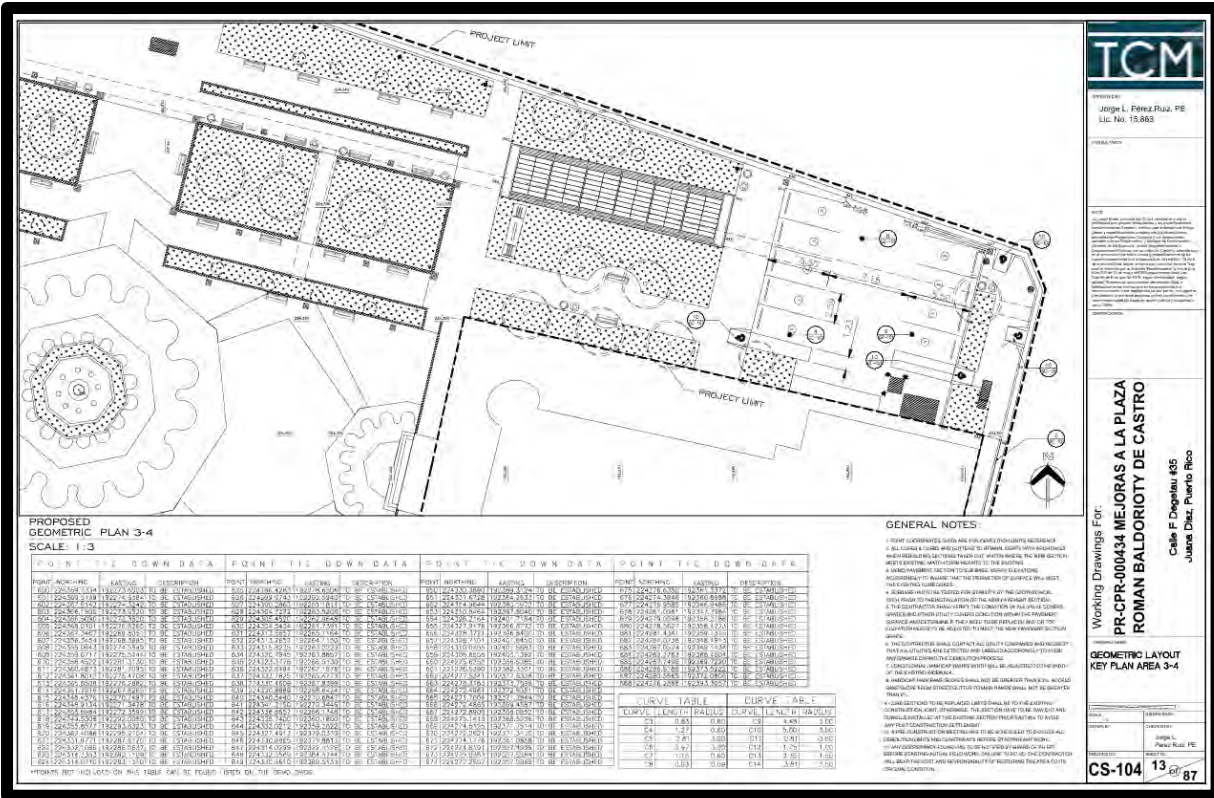
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Juana Díaz, Puerto Rico

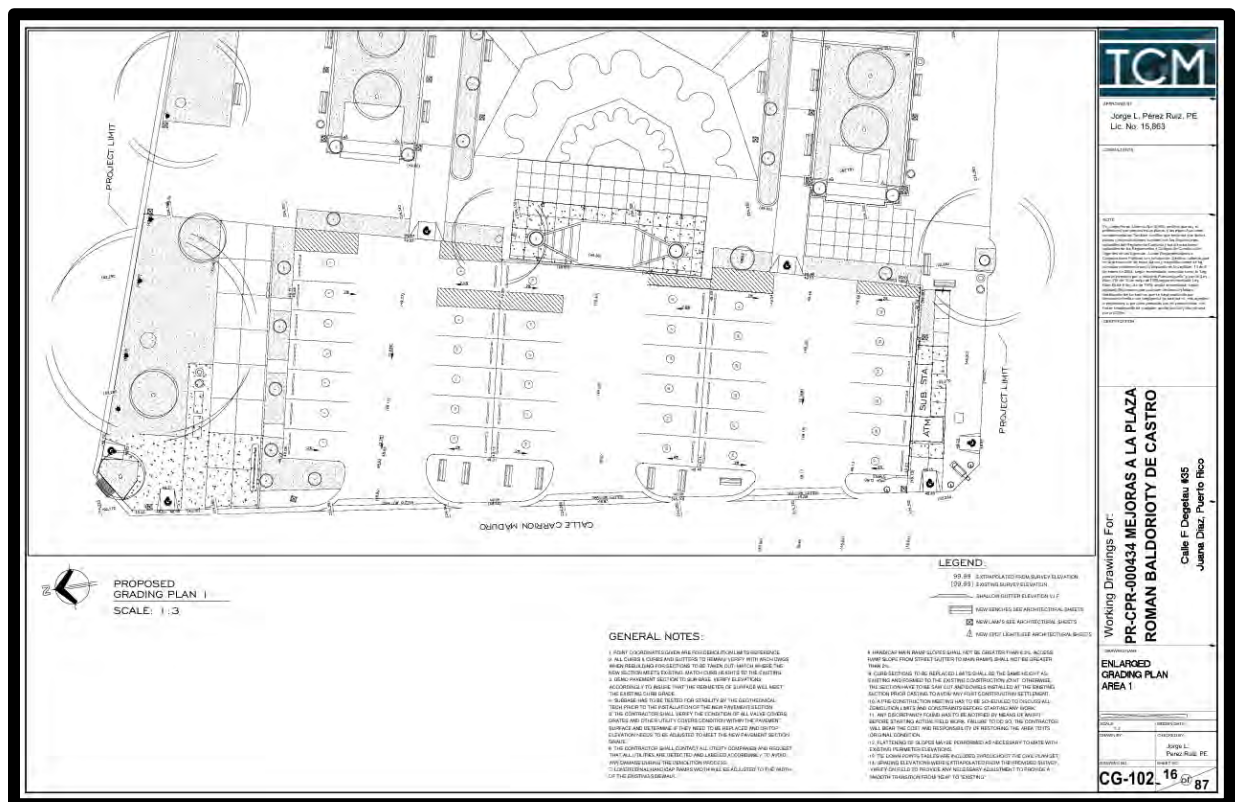
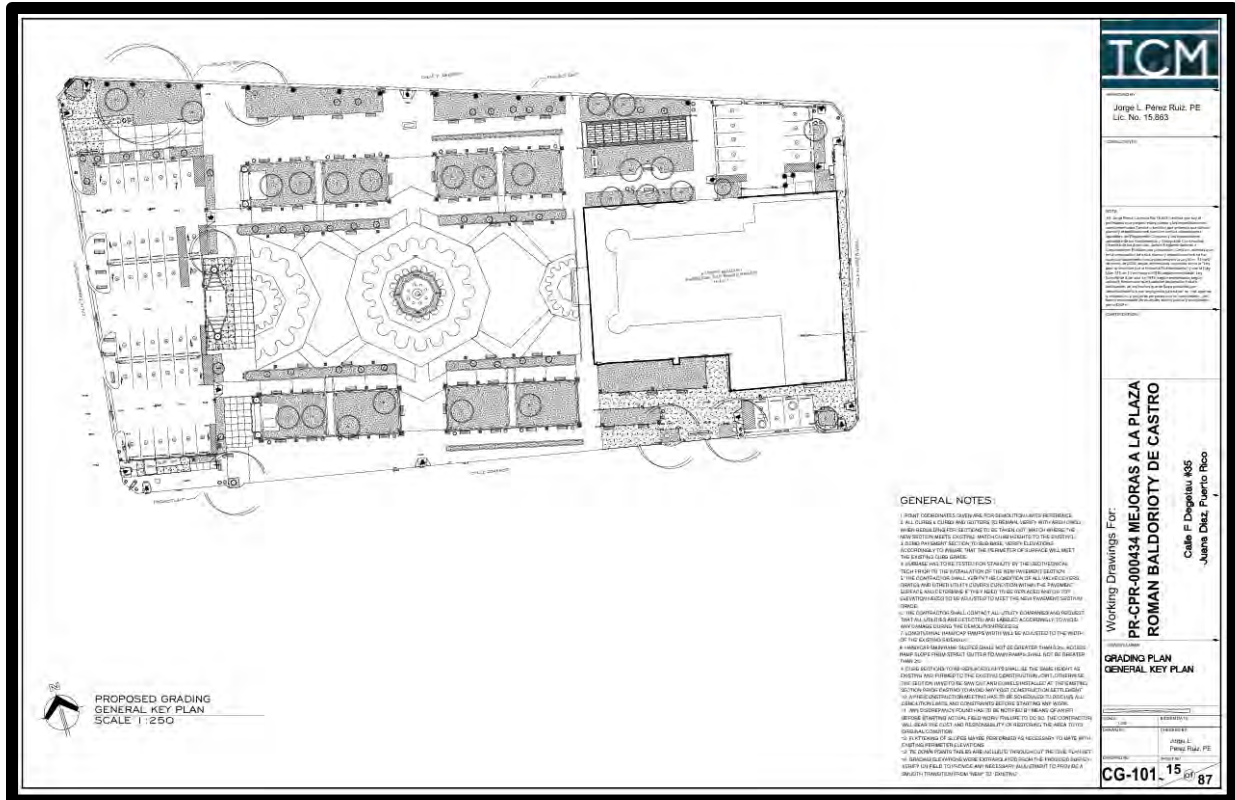
DEMOLITION PLAN
GENERAL KEY PLAN
AREA 3-4

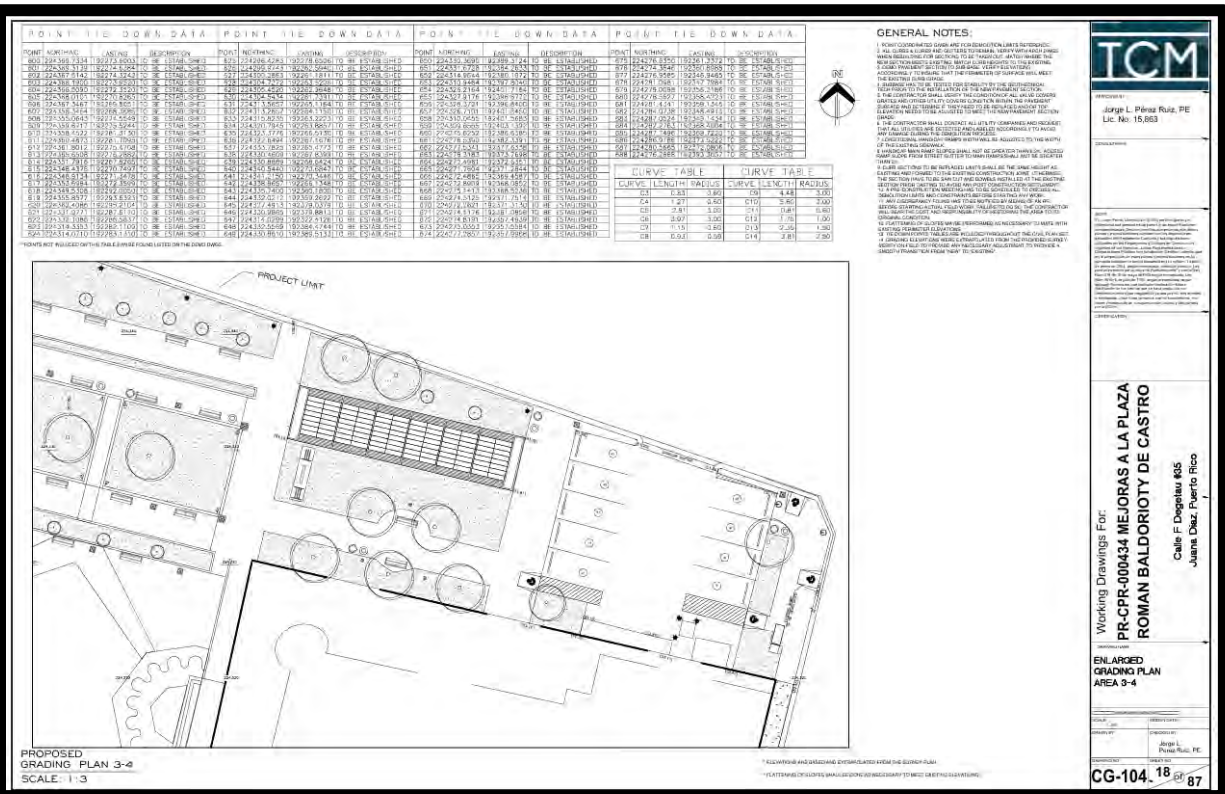
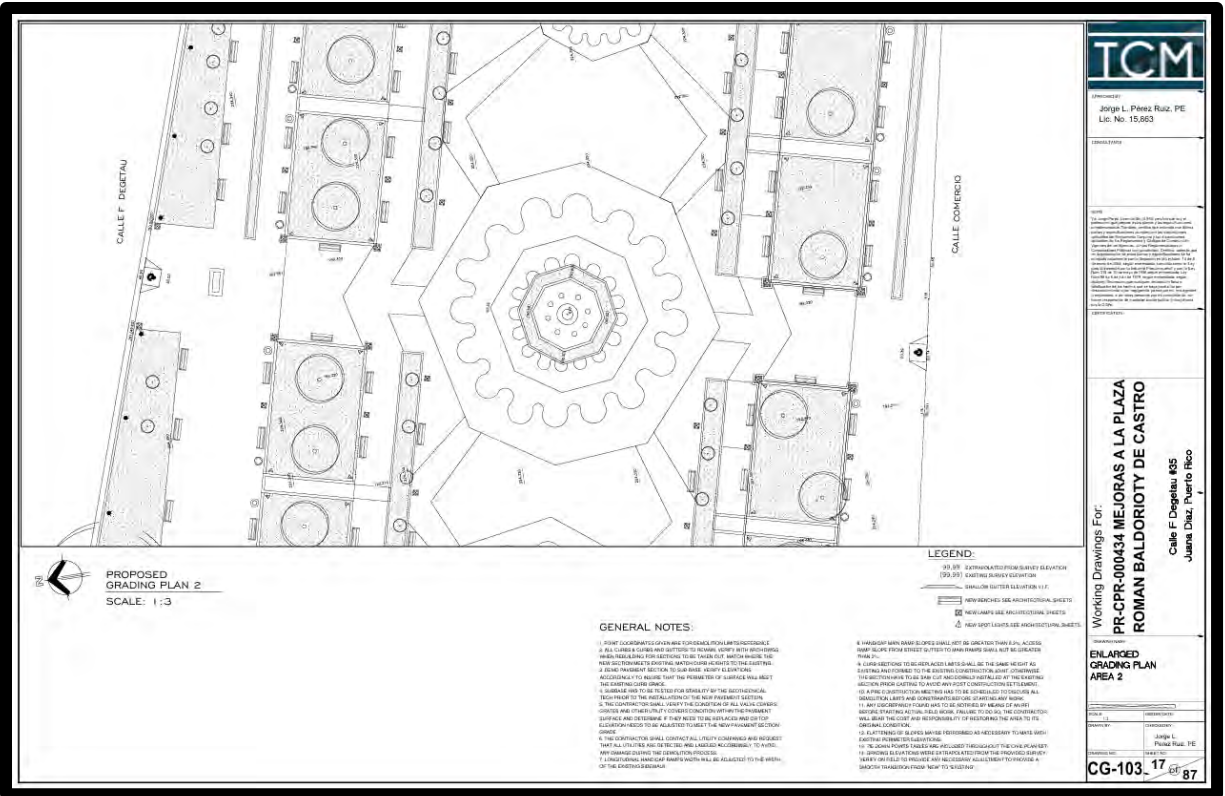
CD-104-08 of 87

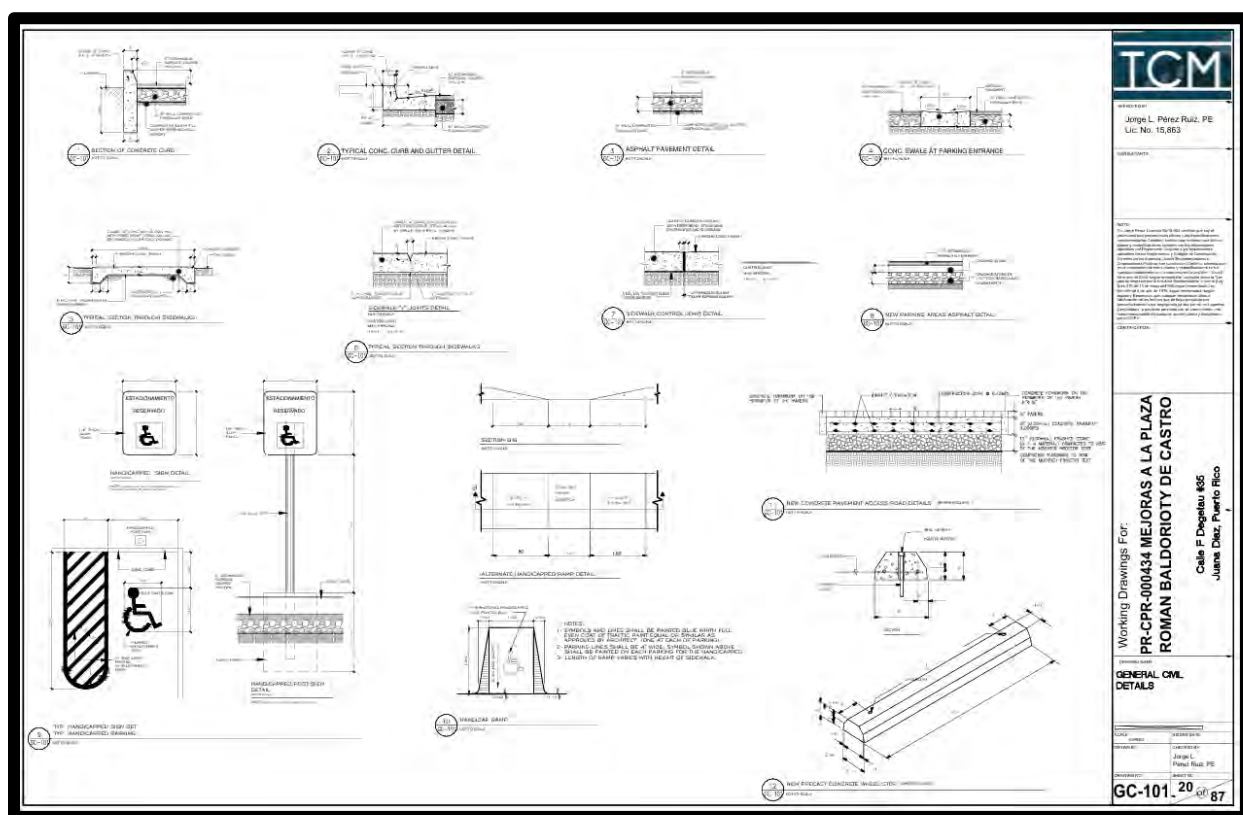
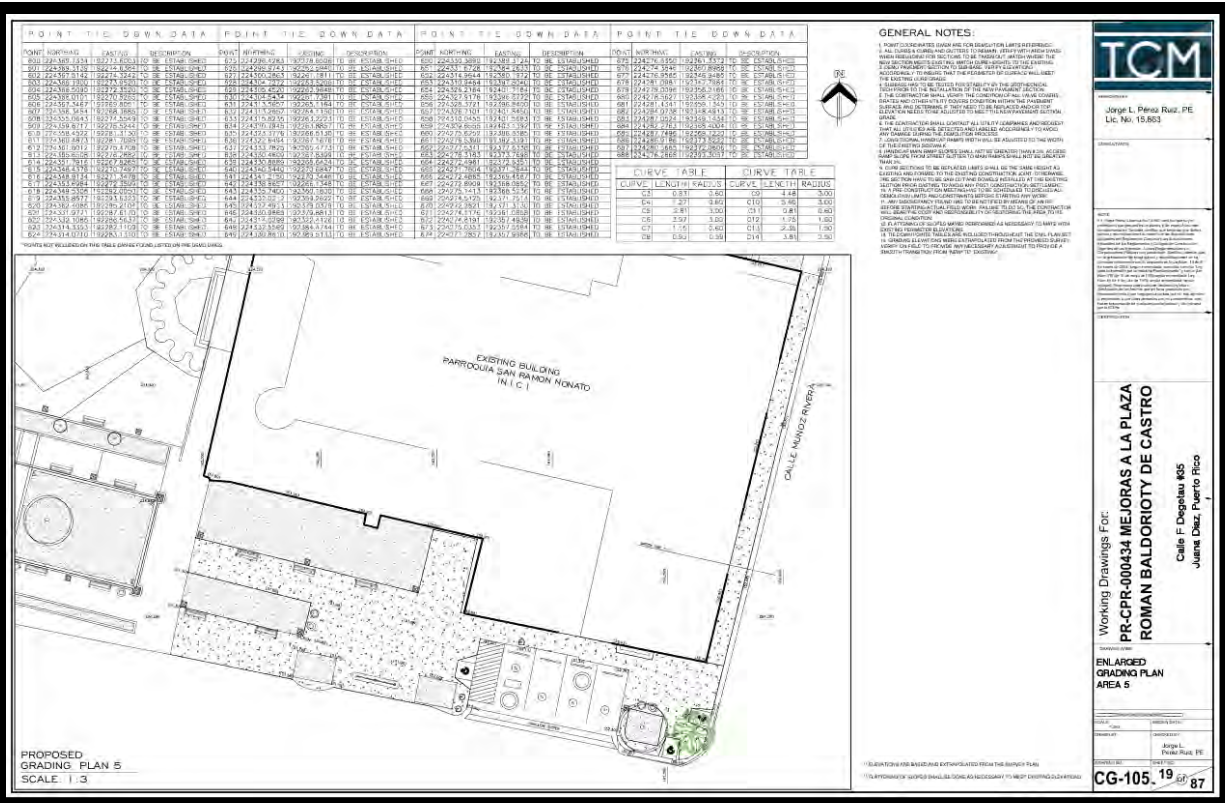


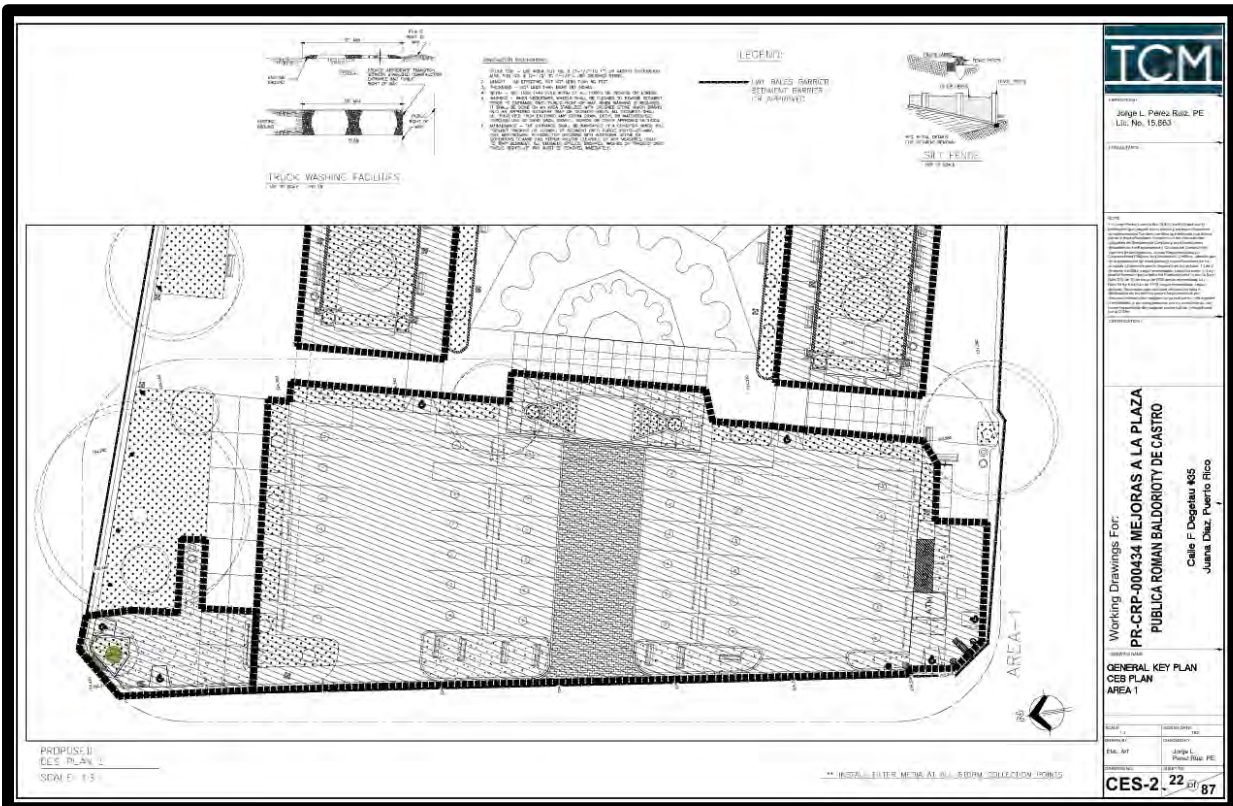
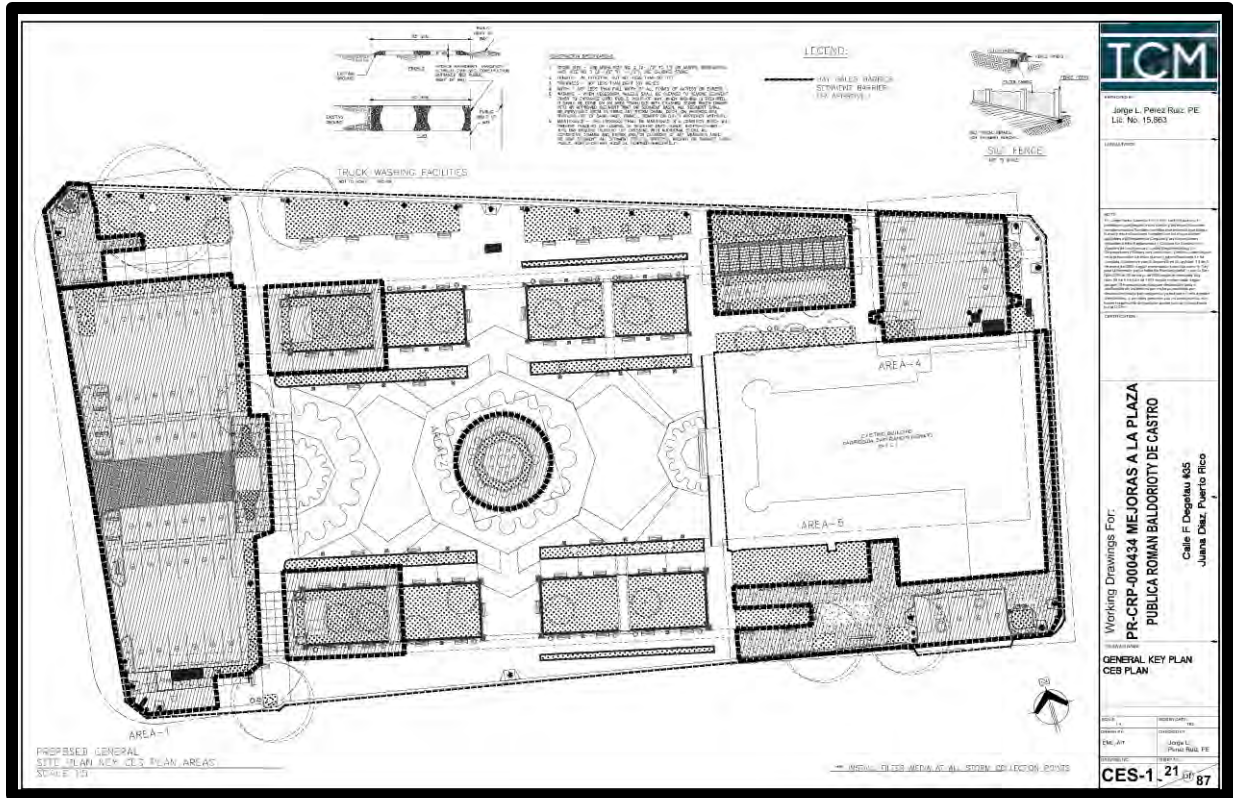


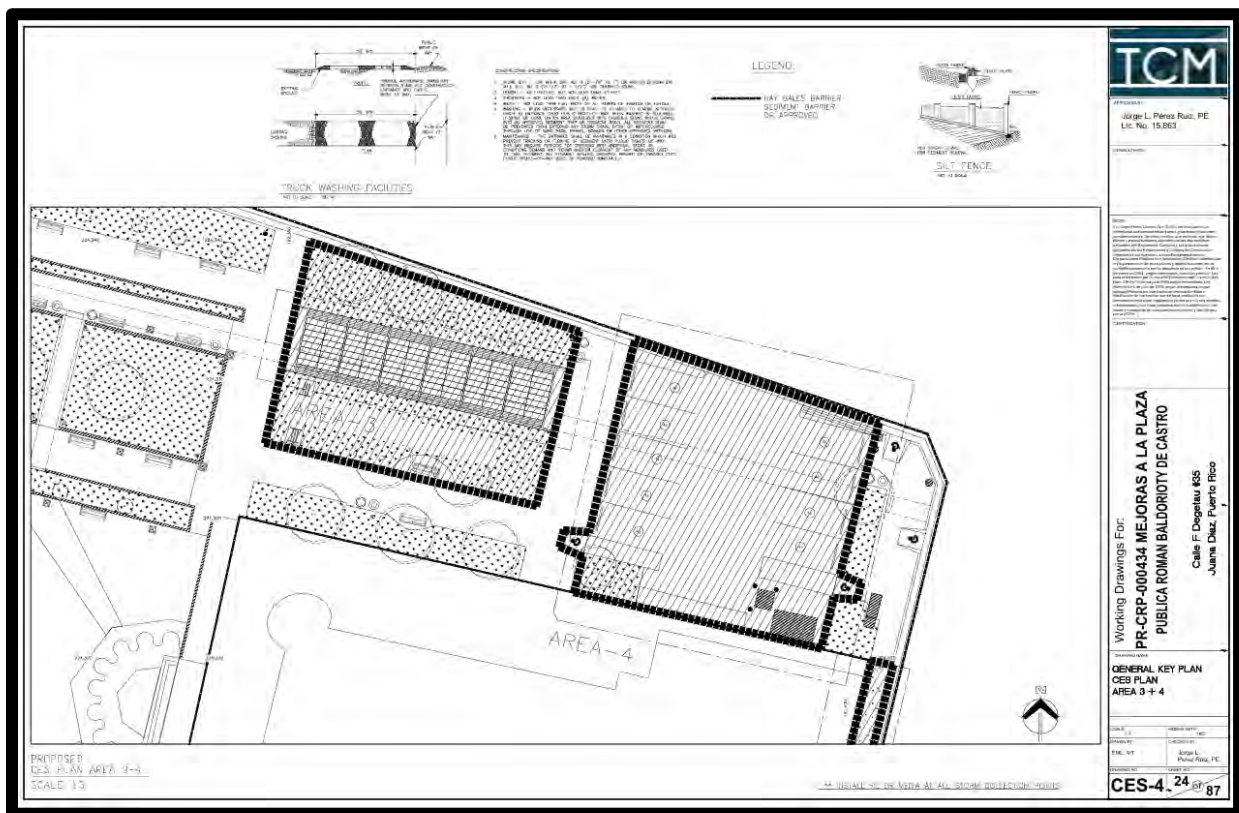
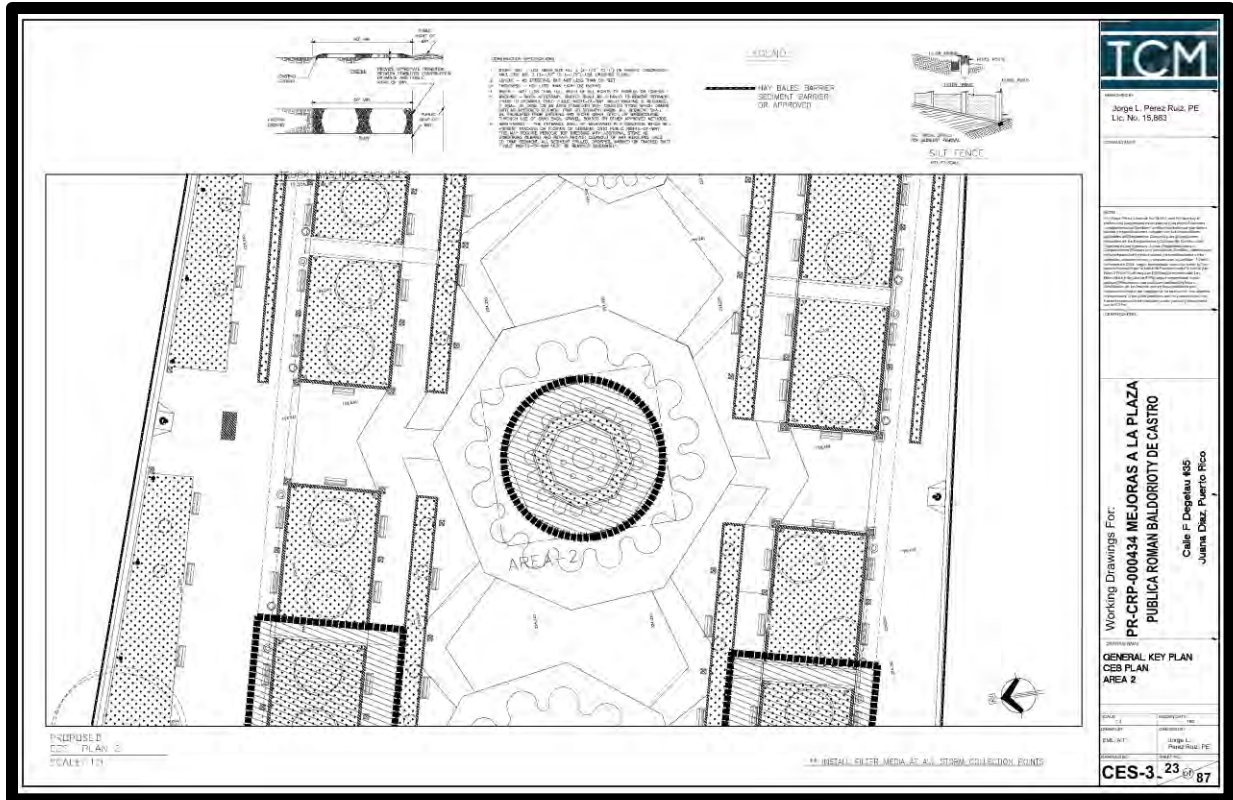














Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

Working Drawings For:
**R-CRP-000434 MEJORAS A LA PLAZA
PUBLICA ROMAN BALDORIOTY DE CASTRO**

GENERAL KEY PLAN
CES PLAN
AREA 5

CES-5-25 ⁸⁷

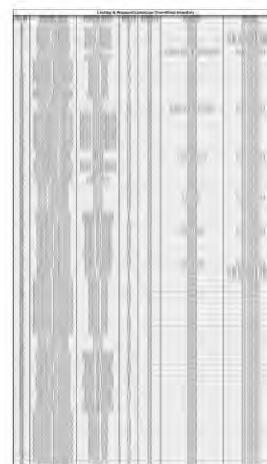


Jorge L. Pérez Ruiz, PE
Lic. No. 15,663

Working Drawings For:
**PR-CRP-000434 MEJORAS A LA PLAZA
PUBLICA ROMAN BALDORIOTY DE CASTRO**

CES PLAN
 GENERAL NOTES

CES-6-26 of 8



Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

[illegible]

**434 Mejoras a la Plaza Publica
de Baldorioty de Castro**



Jorge L. Pérez Ruiz, P.
Lic. No. 15,863


CONTRIBUTORS:

JOHN

John David Brown, known since 1983, is a well-known author and speaker on the subject of business and personal development. He has written several books, including "The Power of Positive Thinking" and "The Power of Positive Thinking Workbook". He is also the author of "The Power of Positive Thinking Workbook" and "The Power of Positive Thinking Workbook".

ings For:
34 Mejoras a la Plaza Publica
Baldorioty de Castro
Calle F Degelau #65
Buenos Diaz Puerto Rico

 **FICUS TREE**
ESTABLISHED 1982

 **MARIA**
CALCIOPULCRA CALABRÀ

 **PALMA REAL**
CONDOMINIO • RESERVA COUNTRY CLUB
ROBLE NATIVO
TALLERES Y PRODUCTOS

PALMA W.



CEPILLO DE


ROBLE PLATEADO
TRADING S.A. - AGROPECUARIA[illegible]

Working Drawings For:

RP-000434 Mejoras a la Plaza Publica
Roman Baldorioty de Castro

Calle F Degelau #35
Luana Diaz, Puerto Rico

EXISTING TREE
INVENTORY SCHEDULE

| | |
|--|-------------------------|
| PLAY DATE: Sat, Jun 16, 2024, 08:00hrs | |
| CLUB: GOLF | SECRETARY: TONY |
| ORGANIZER: CHAIRMAN: EV | Jorge L. Perez Ruiz, PE |
| EM. ATT | |
| ORGANIZED: SHORT 100 | |
| LD-301 29 of 8 | |



ICM

Jorge L. Pérez Ruiz, PE.
Lic. No. 15,863

© 2004 AACE

Dr. Jorge Fuenzalida del INIA, investigador en el área de plantas de fibra, en un momento de la conferencia. Fotografía tomada por el fotógrafo de prensa, y publicada en un periódico con los derechos reservados por el INIA.

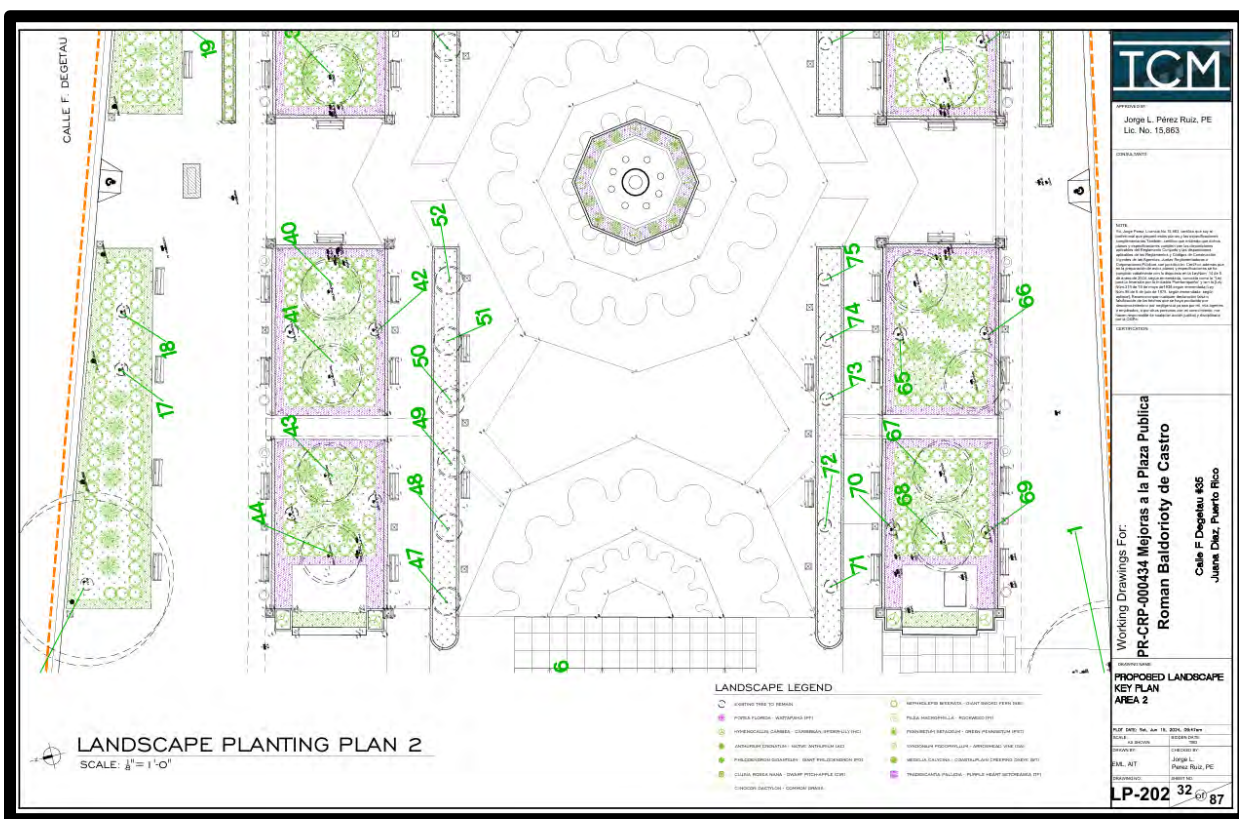
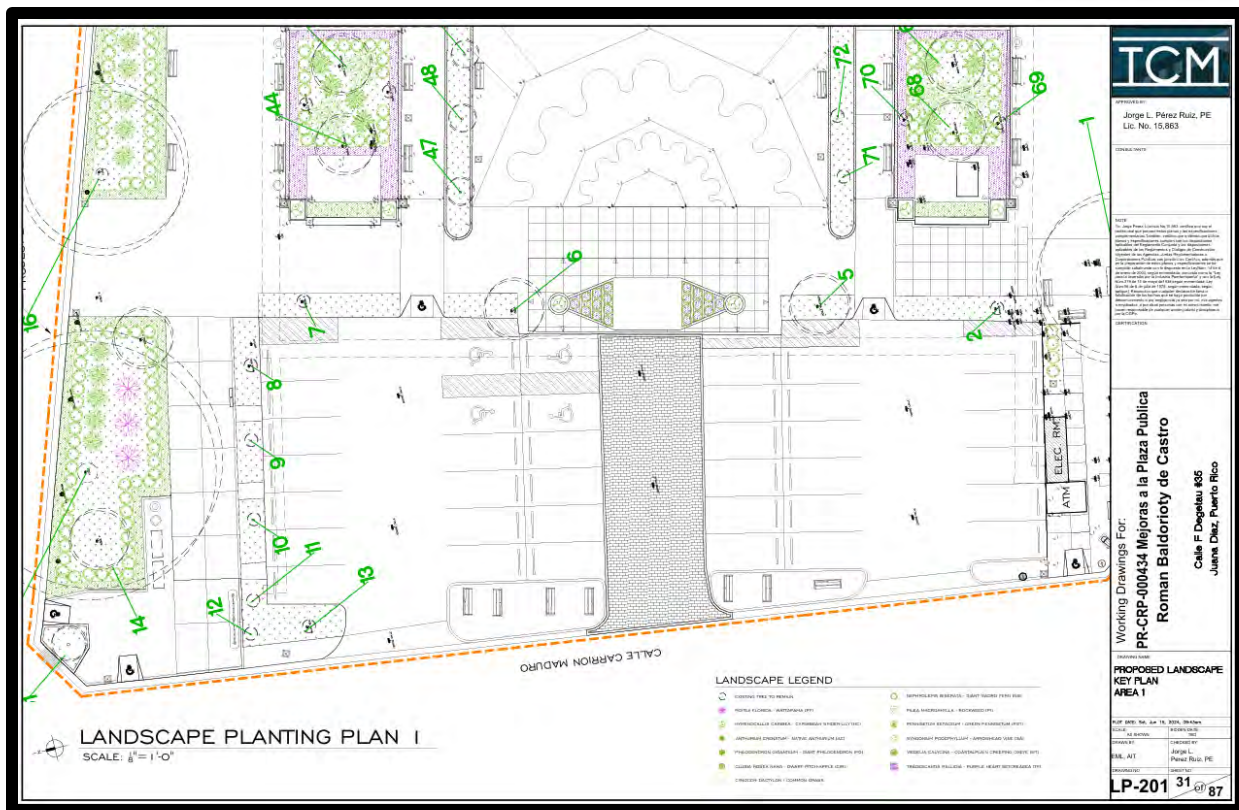
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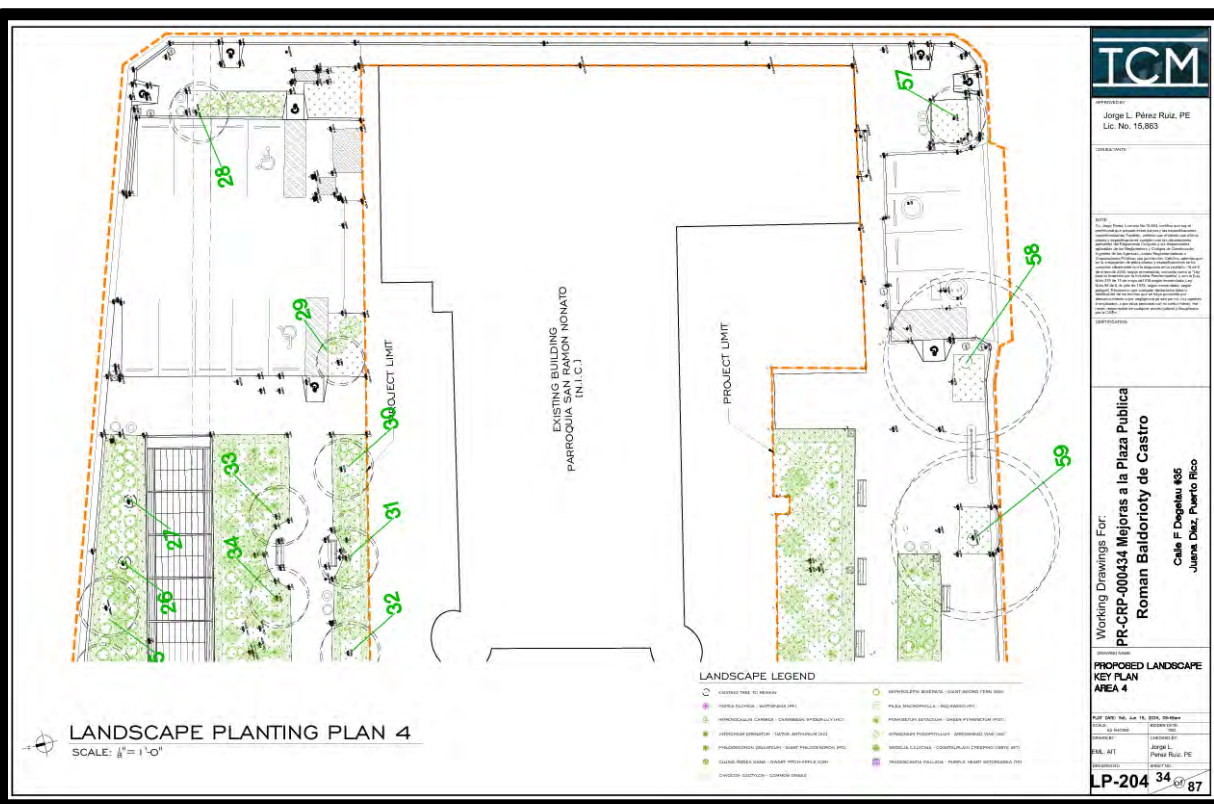
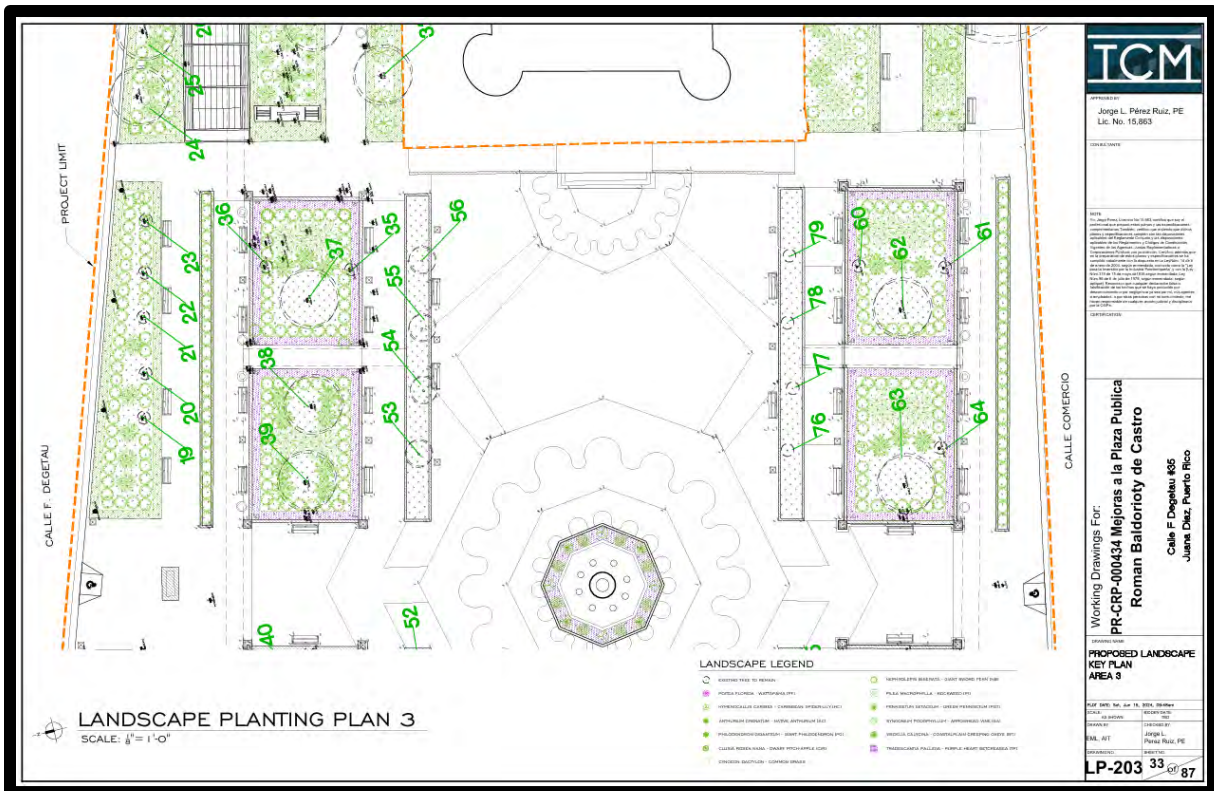
RP-000434 Mejoras a la Plaza Publica
Roman Baldorioty de Castro

Calle F Degetau #35
Juana Diaz, Puerto Rico

PROPOSED LANDSCAPE SITE PLAN

| | |
|-------------------------------------|----------------------------|
| PLZF DWT: Sat, Jan 18, 2014, 09:42w | |
| ACCU: AZ SHOWN | AGGUS DWT: 180 |
| DRAGN BT | CAR DWT BT |
| EARL AUT | Jorge L. Perez Ruiz, PE |
| DRAWING NO. | SHEET NO. |
| LP-101 | 30 of 87 |





| NEW TREE/BUSHES PLANTING SCHEDULE | | | | | | |
|-----------------------------------|-----|-----|-------------------------|-----------------------|-------------|------------|
| SYM | QTY | KEY | BOTANICAL NAME | COMMON NAME | SIZE | STOCK |
| CD | * | | COCCOLOBA DIVERSIFOLIA | PIGEONPLUM | 2" CAL/9HT. | 25 GAL. |
| PF | * | | POITEA FLORIDA | WATTAPAMA | 1" CAL/6HT. | 10 GAL. |
| HC | * | | HYMENOCALLIS CARIBAEA | CARIBBEAN SPIDER-LILY | 15"-18"HT. | 2 GAL. |
| AC | * | | ANTHURIUM CRENATUM | NATIVE ANTHURIUM | 15"MIN. HT. | 3 GAL. |
| PG | * | | PHILODENDRON GIGANTEUM | GIANT PHILODENDRON | 24"MIN. HT. | 3 GAL. |
| CLR | * | | CLUSIA ROSEA "NANA" | DWARF PITCH-APPLE | 18"MIN. HT. | 2 GAL. |
| NB | * | | NEPHROLEPIS BISERATA | GIANT SWORD FERN | 18"MIN. HT. | 2 GAL. |
| PI | * | | PILEA MACROPHYLLA | ROCKWEED | 6"MIN. HT. | 1 GAL. |
| PST | * | | PENNISETUM SETACEUM | PENNISETUM | 24"MIN. HT. | 3 GAL. |
| SA | * | | SYNGONIUM PODOPHYLLUM | ARROWHEAD VINE | 6"MIN. HT. | 10" BASKET |
| WT | * | | SPHAGNETICOLA TRILOBATA | WEDELIA | 30"MAX. HT. | 50" TRAY |
| TP | * | | TRADESCANTIA PALLIDA | PURPLE HEART | 8"MIN. HT. | VARIES |
| CG | * | | CYNODON DACTYLON | COMMON GRASS | VARIES | VARIES |

TCM

Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

Working Drawings For:
PR-CRP-000434 Mejoras a la Plaza Publica Roman Baldorioty de Castro
Calle F. Deglau #35
Juana Diaz, Puerto Rico













PROPOSED LANDSCAPE PLANTING SCHEDULE

PLANT SCHED. NO. 35 OF 87

DATE: 01/11/2017

BY: JLR
CHECKED: JLR

LP-301 35 OF 87

| | | | |
|---|---|---|---|
|  |  |  |  |
| PURPLE HEART SETCREASEA | WATTAPAMA | CARIBBEAN SPIDER-LILY | NATIVE ANTHURIUM |
|  |  |  |  |
| GIANT PHILODENDRON | DWARF PITCH-APPLE | COMMON GRASS | GIANT SWORD FERN |
|  |  |  |  |
| ROCKWEED | GREEN PENNISETUM | ARROWHEAD VINE | COASTALPLAIN CREEPING OXEYE |

TCM

Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

Working Drawings For:
PR-CRP-000434 Mejoras a la Plaza Publica Roman Baldorioty de Castro
Calle F. Deglau #35
Juana Diaz, Puerto Rico

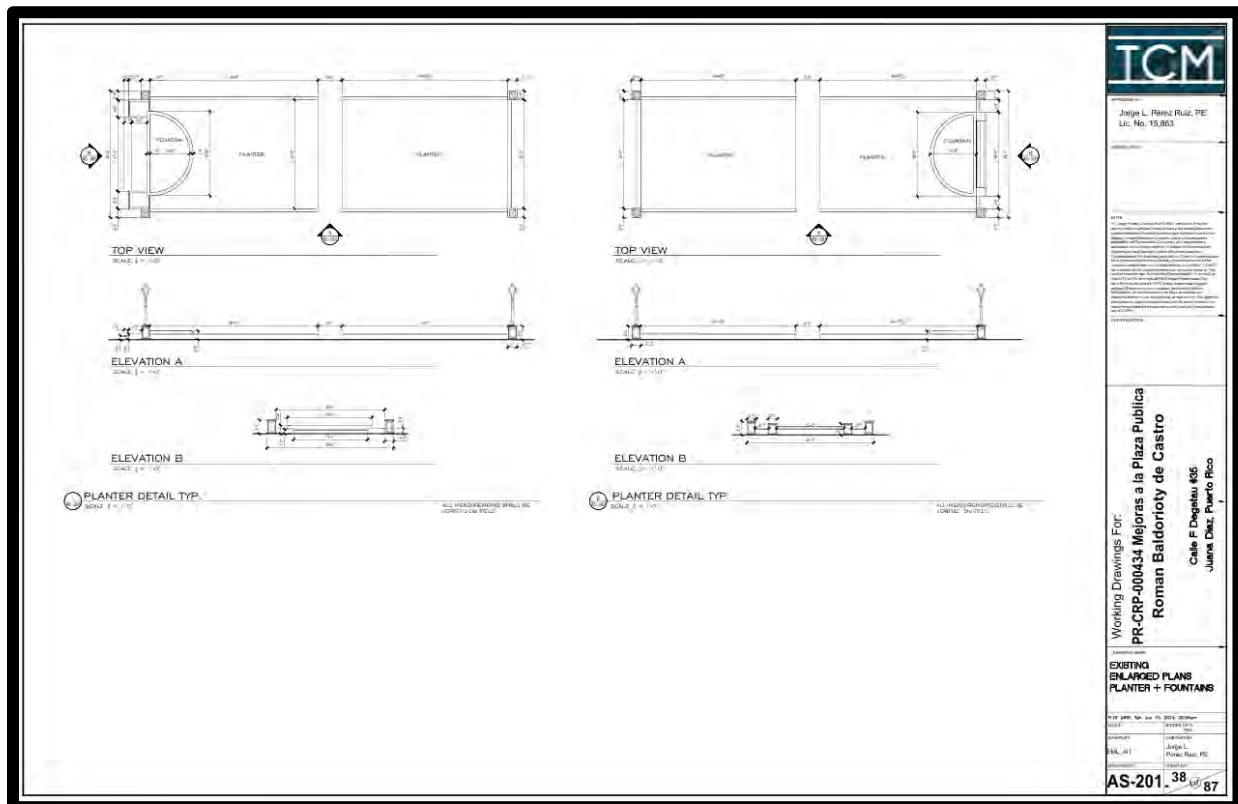
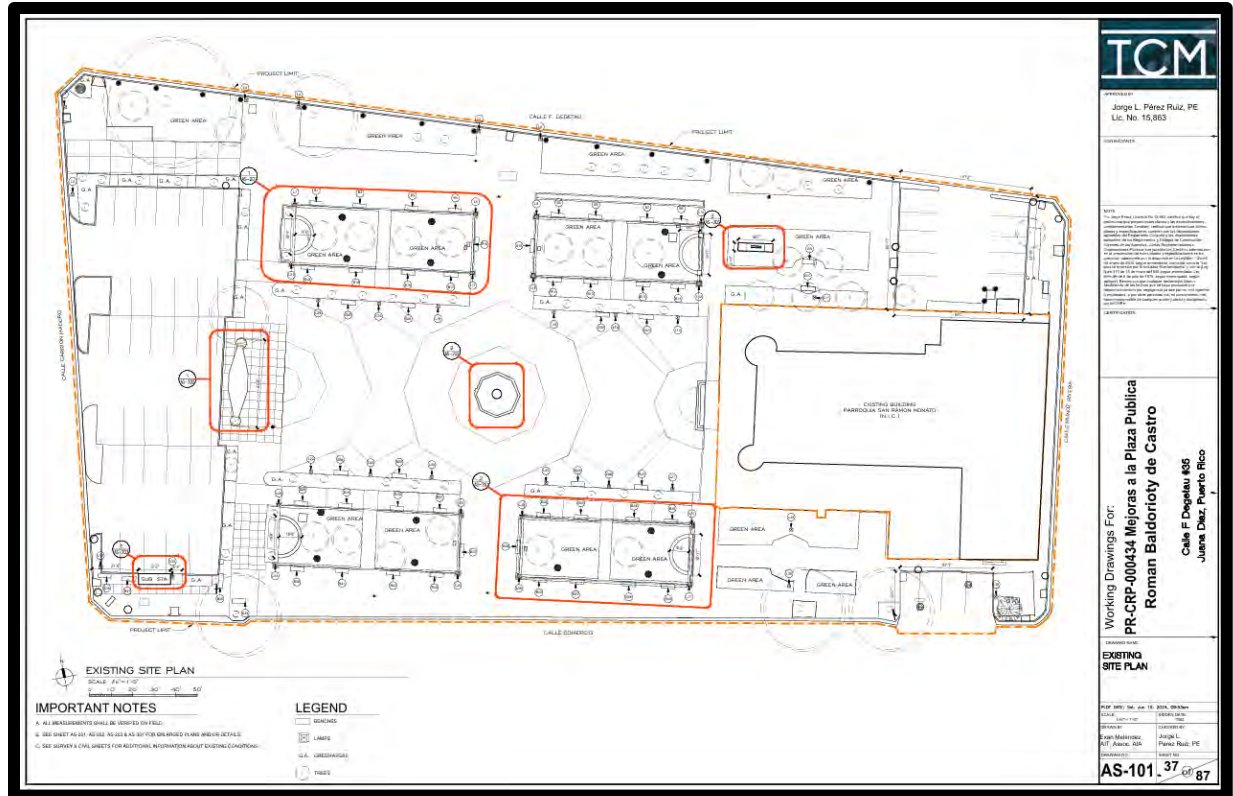
PROPOSED LANDSCAPE PLANT MATERIAL PICTURES

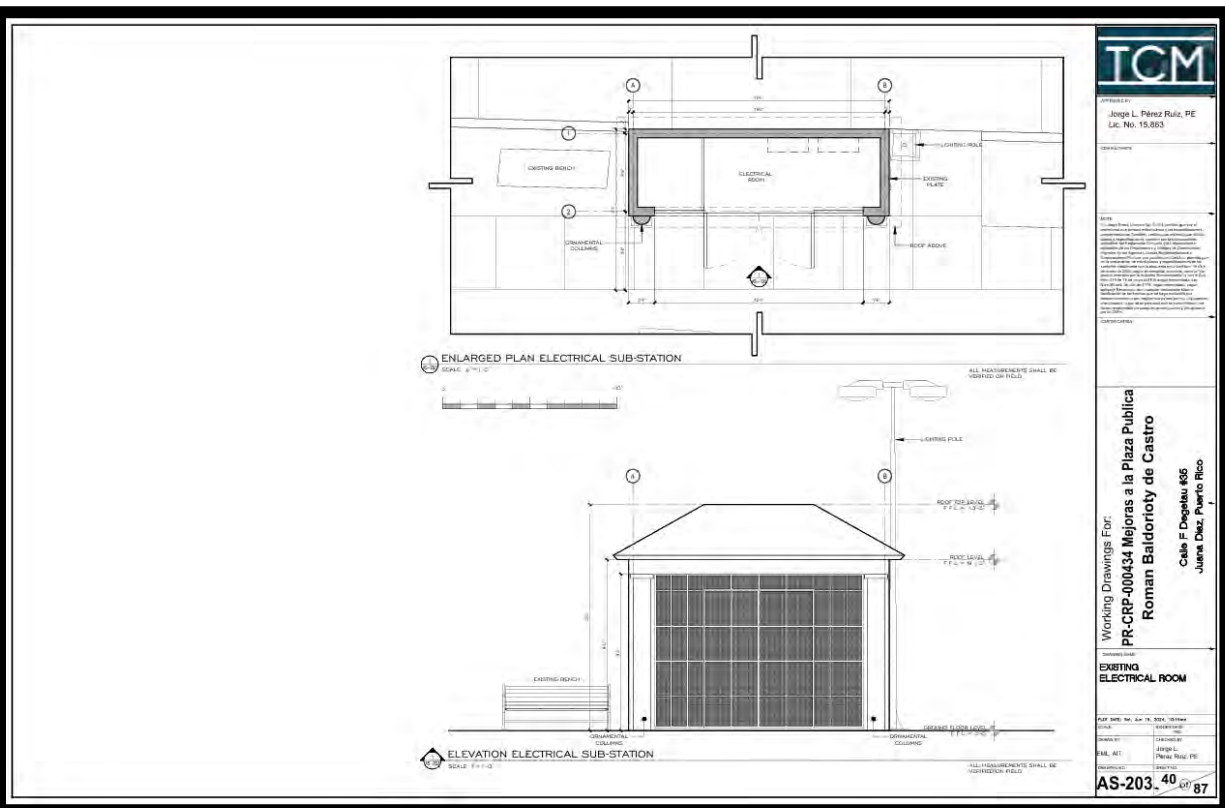
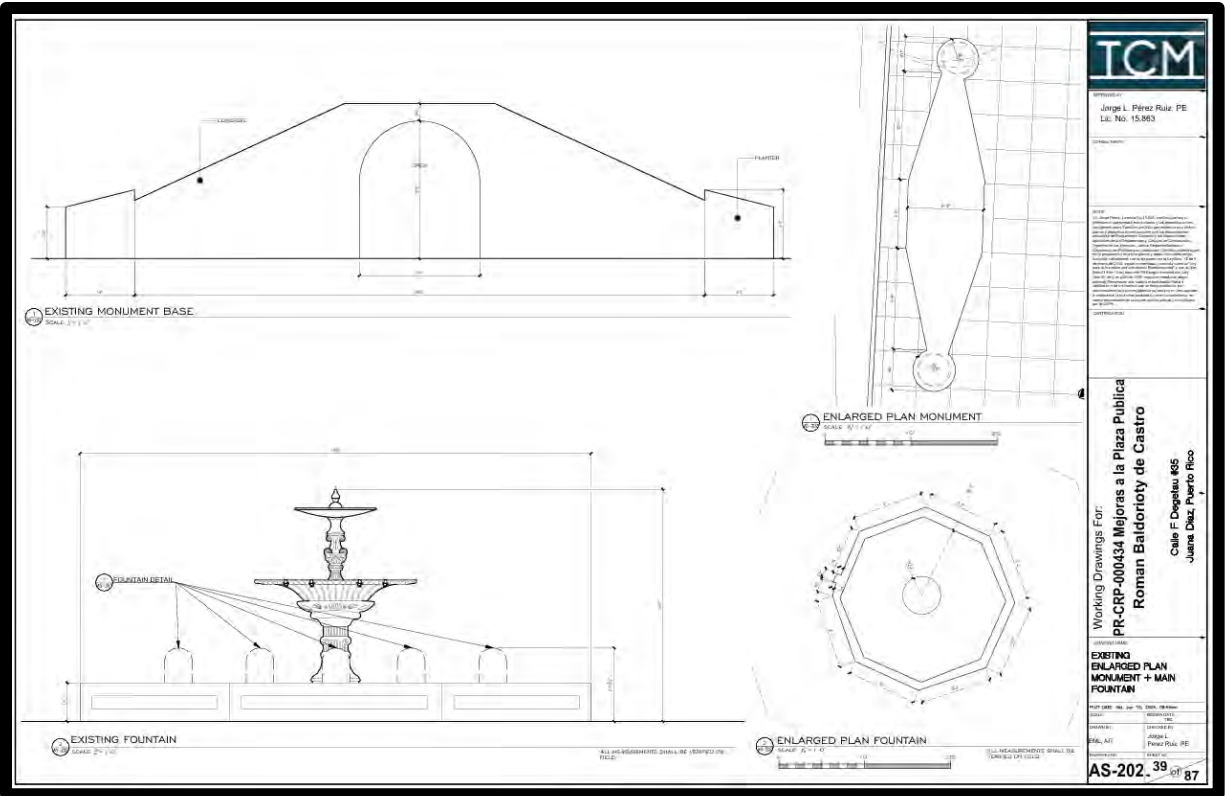
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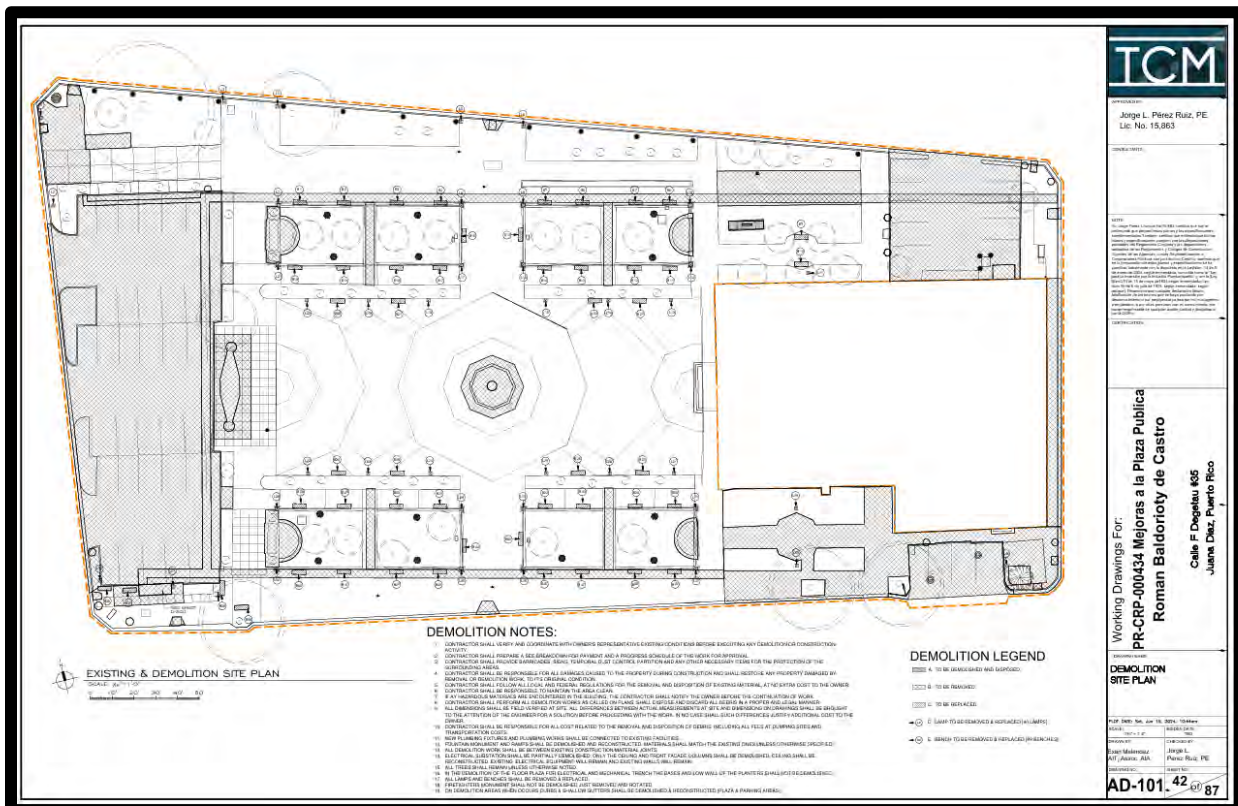
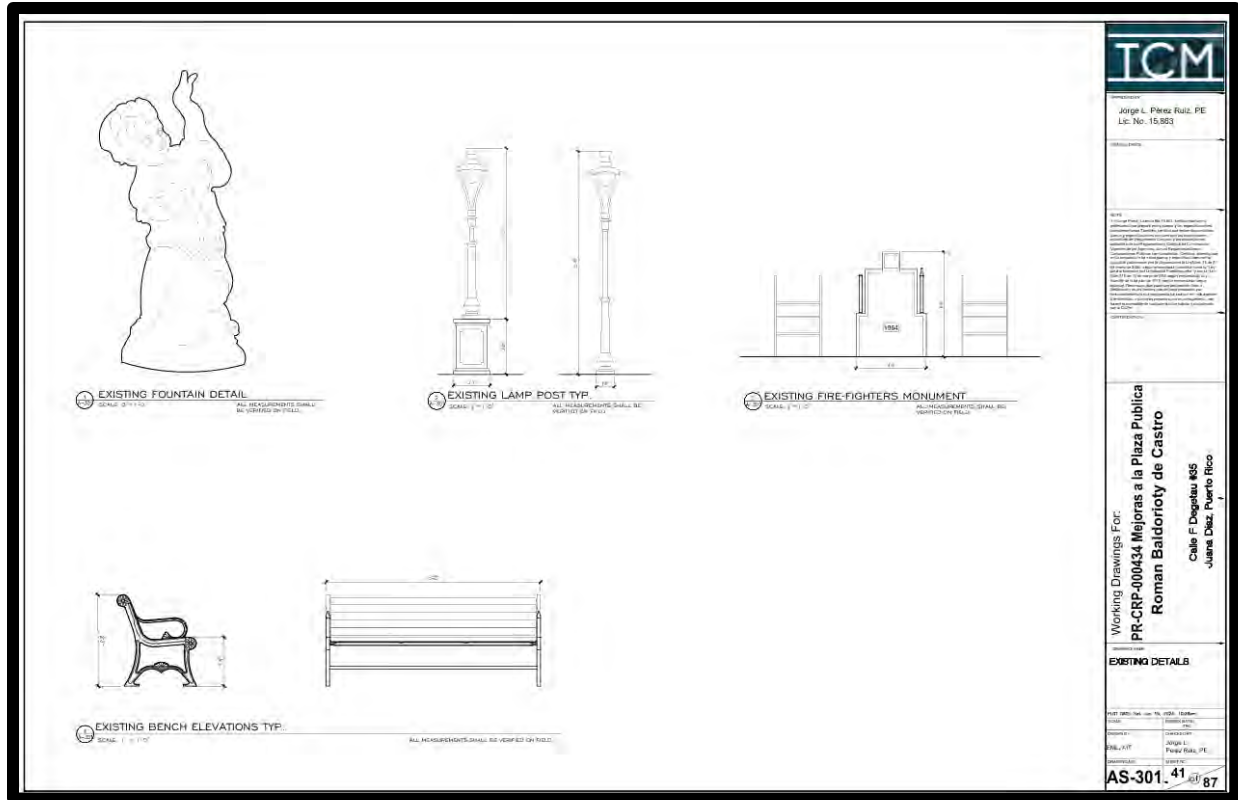
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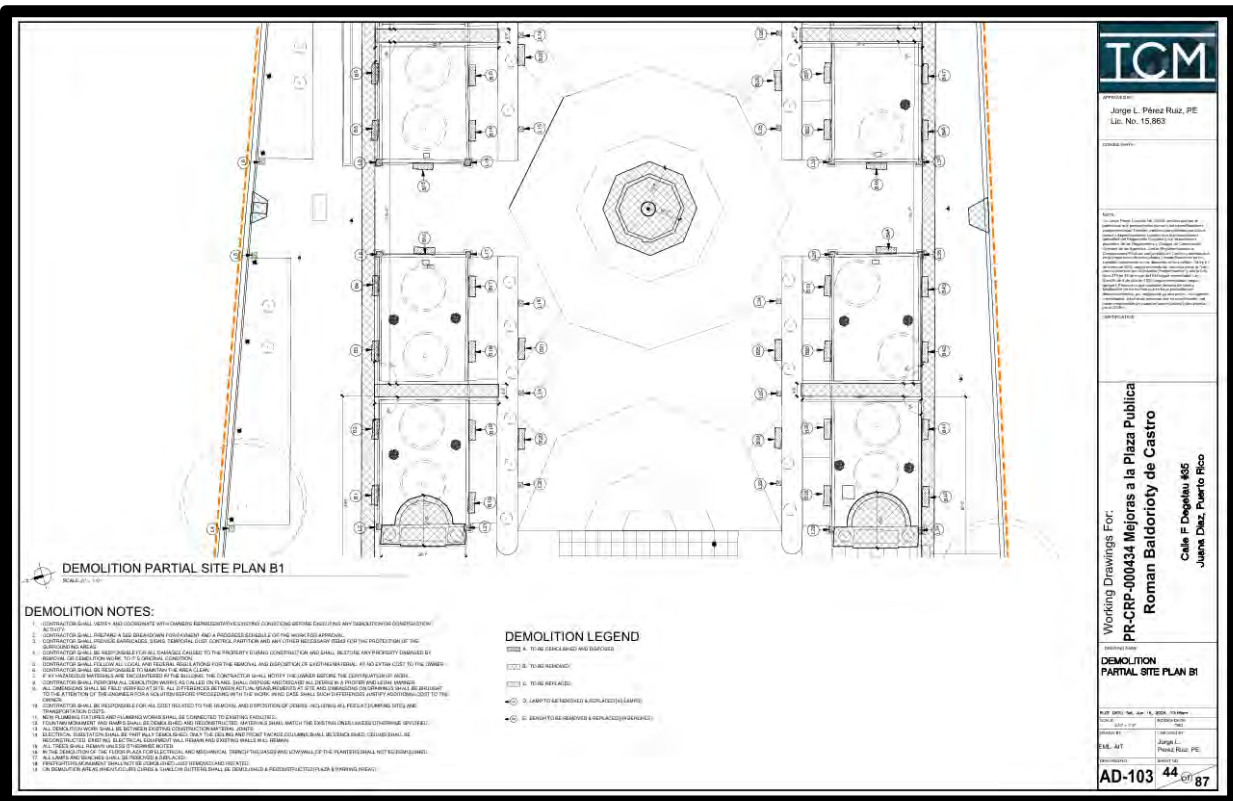
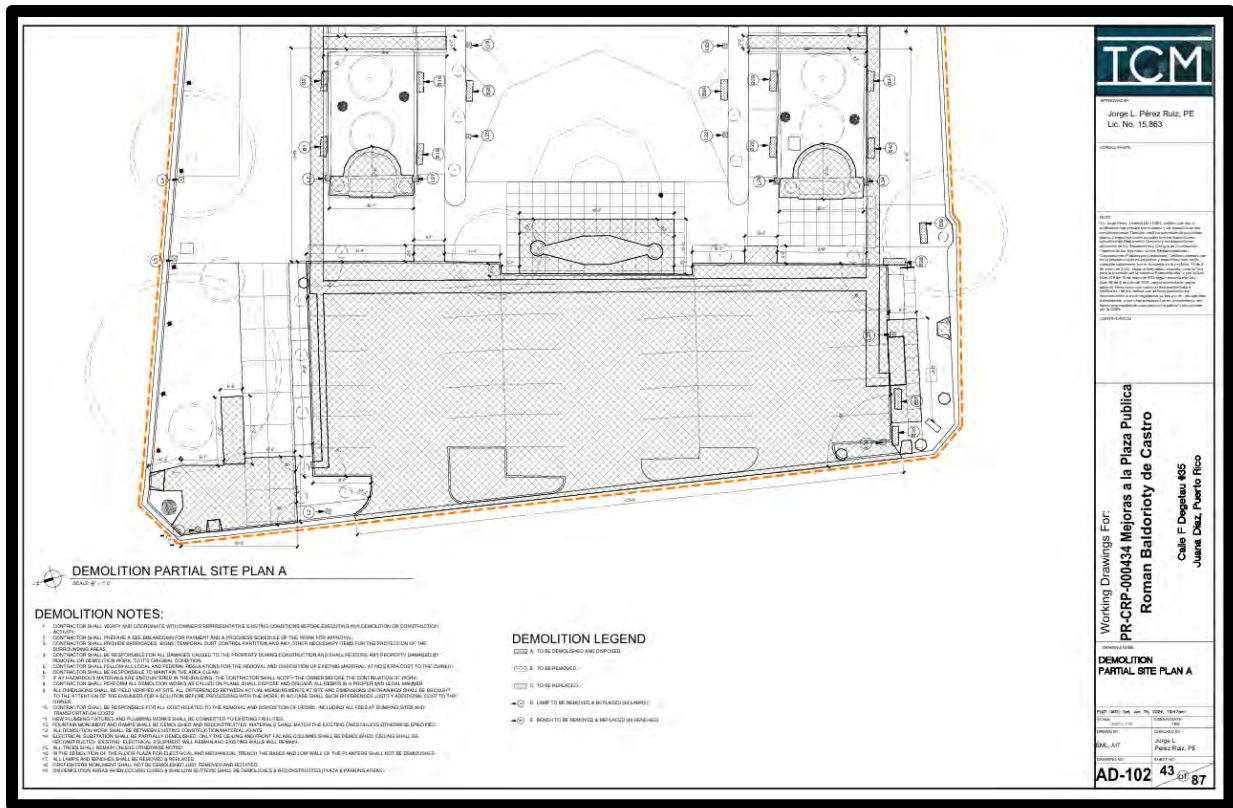
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CHECKED: JLR

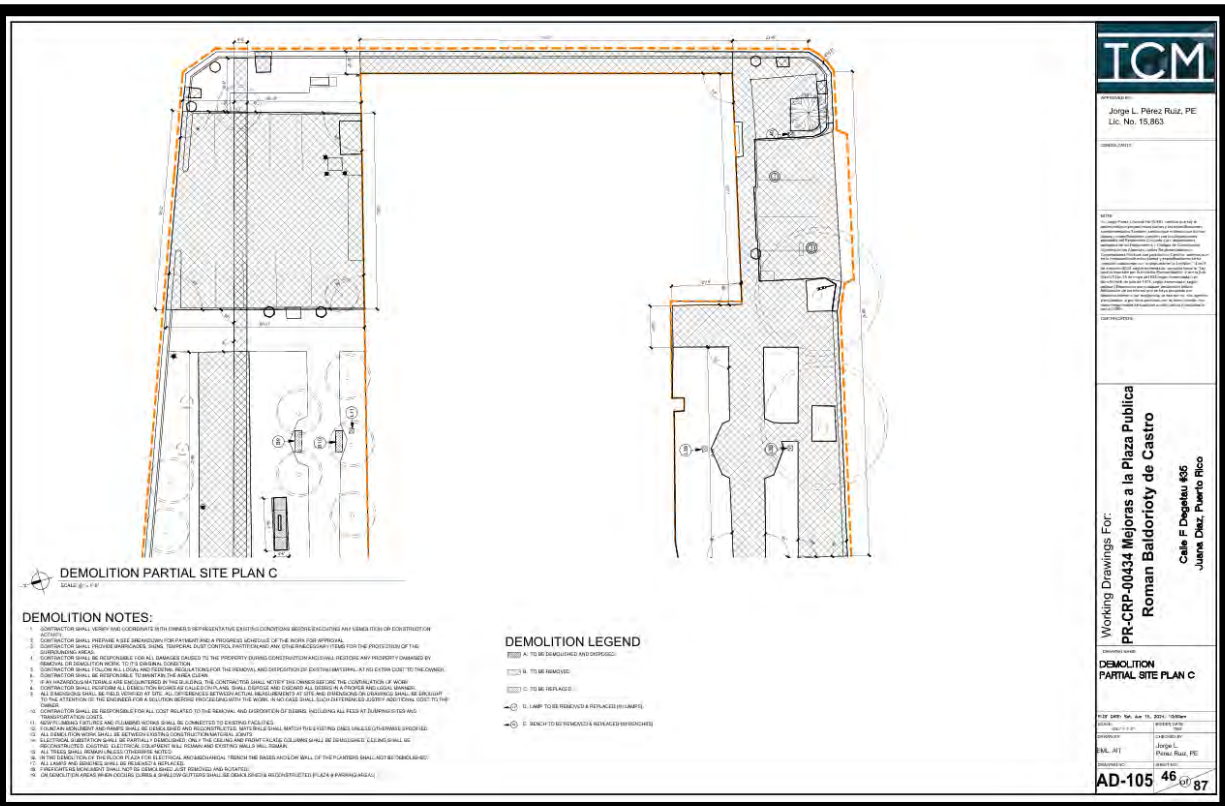
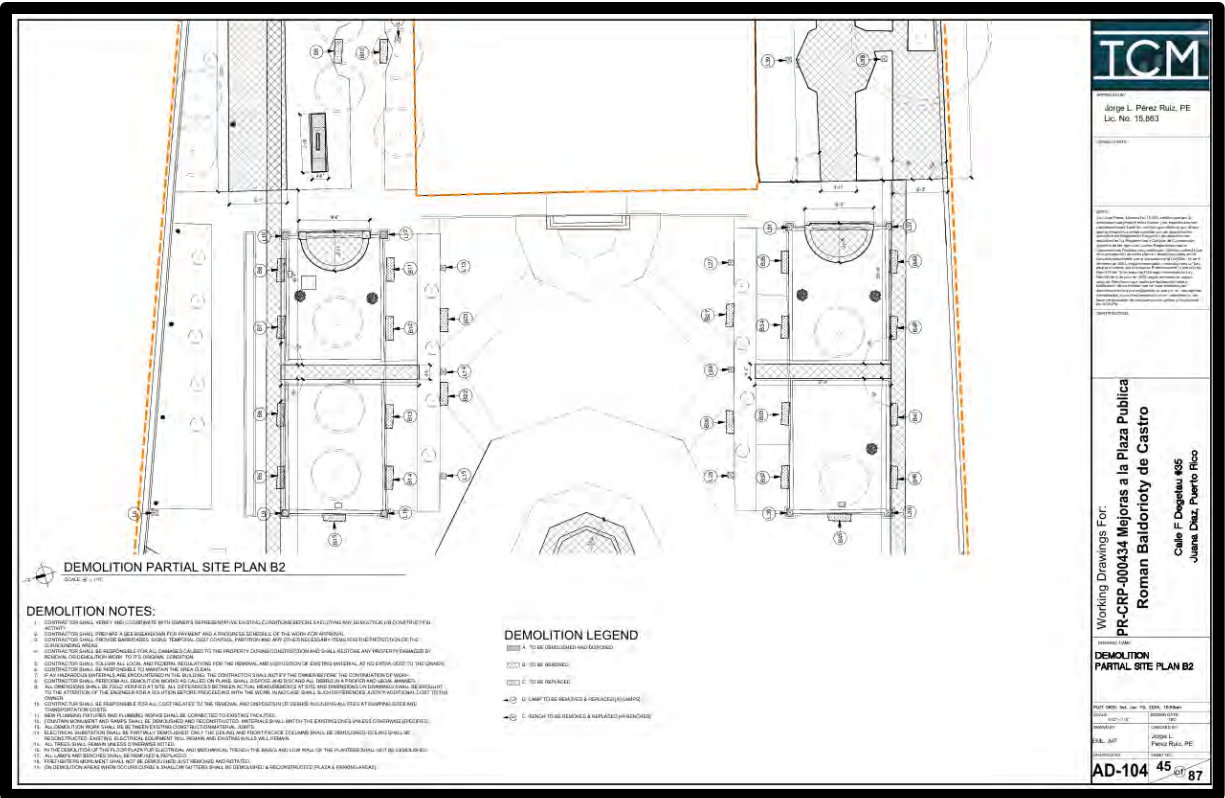
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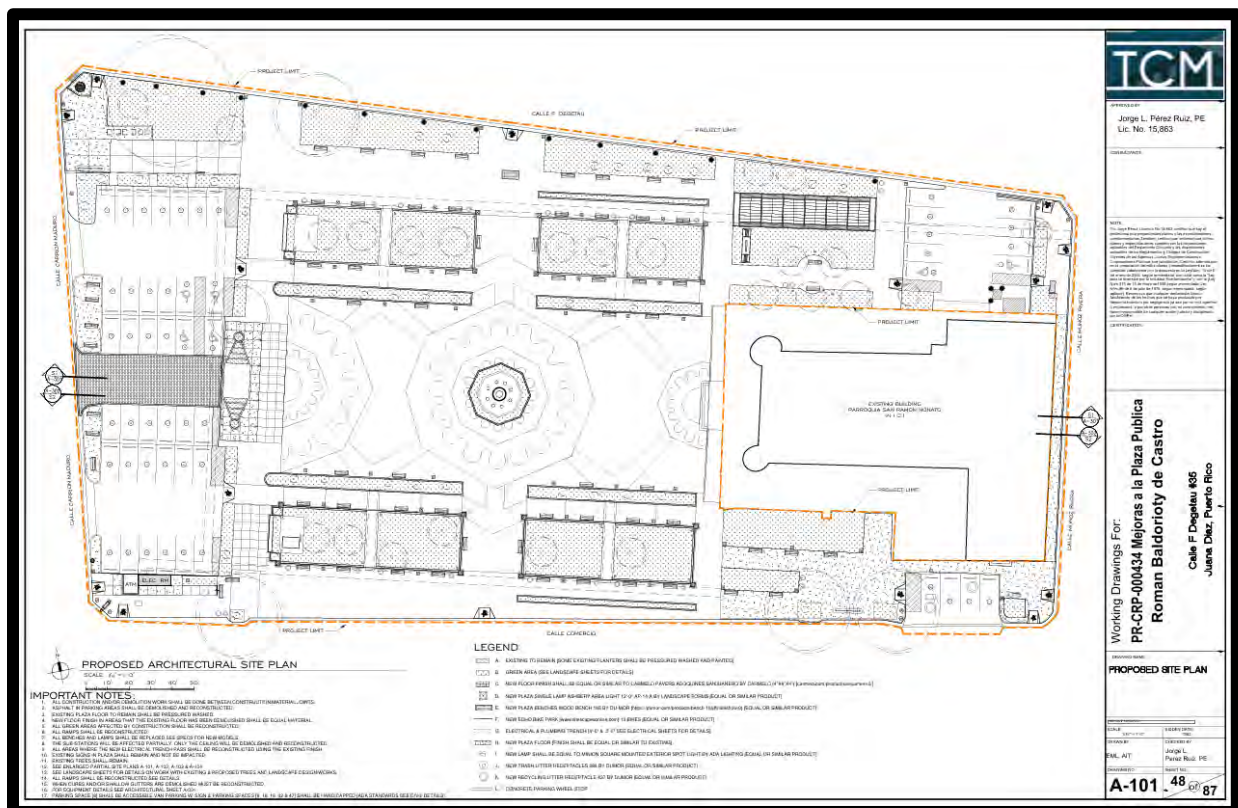
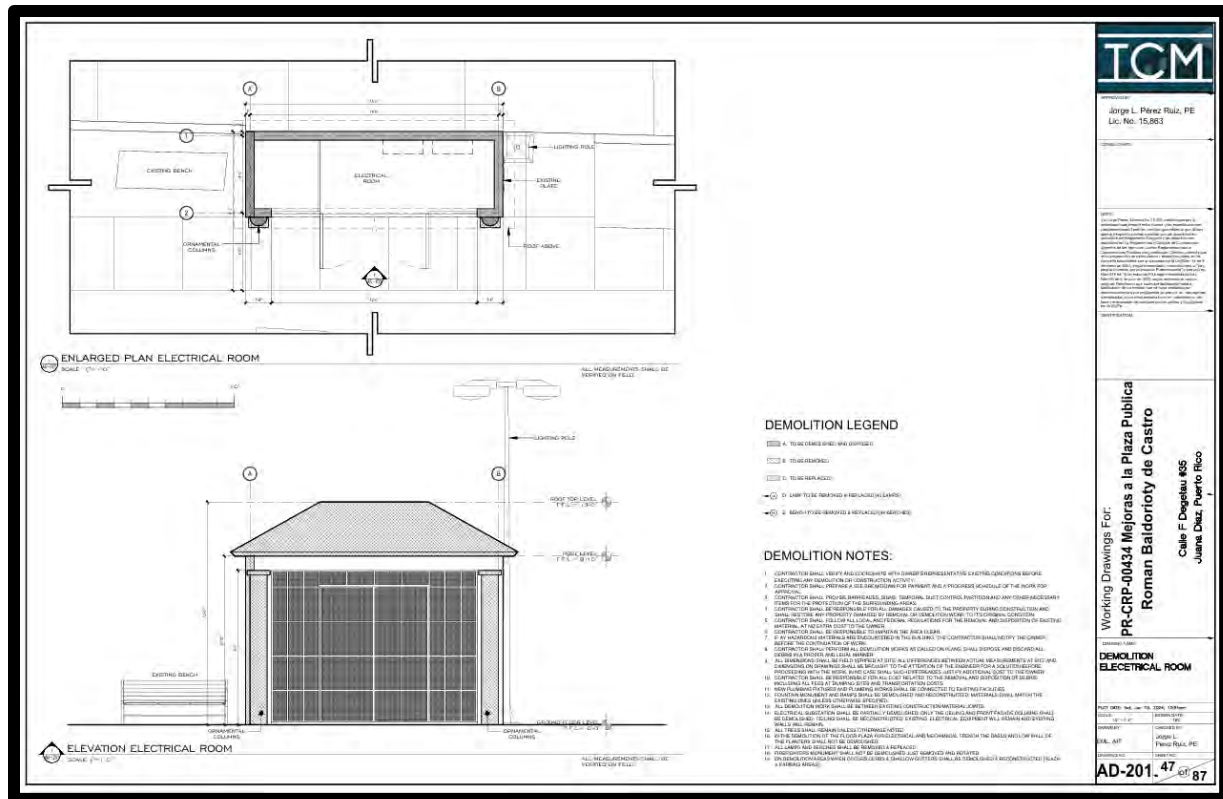


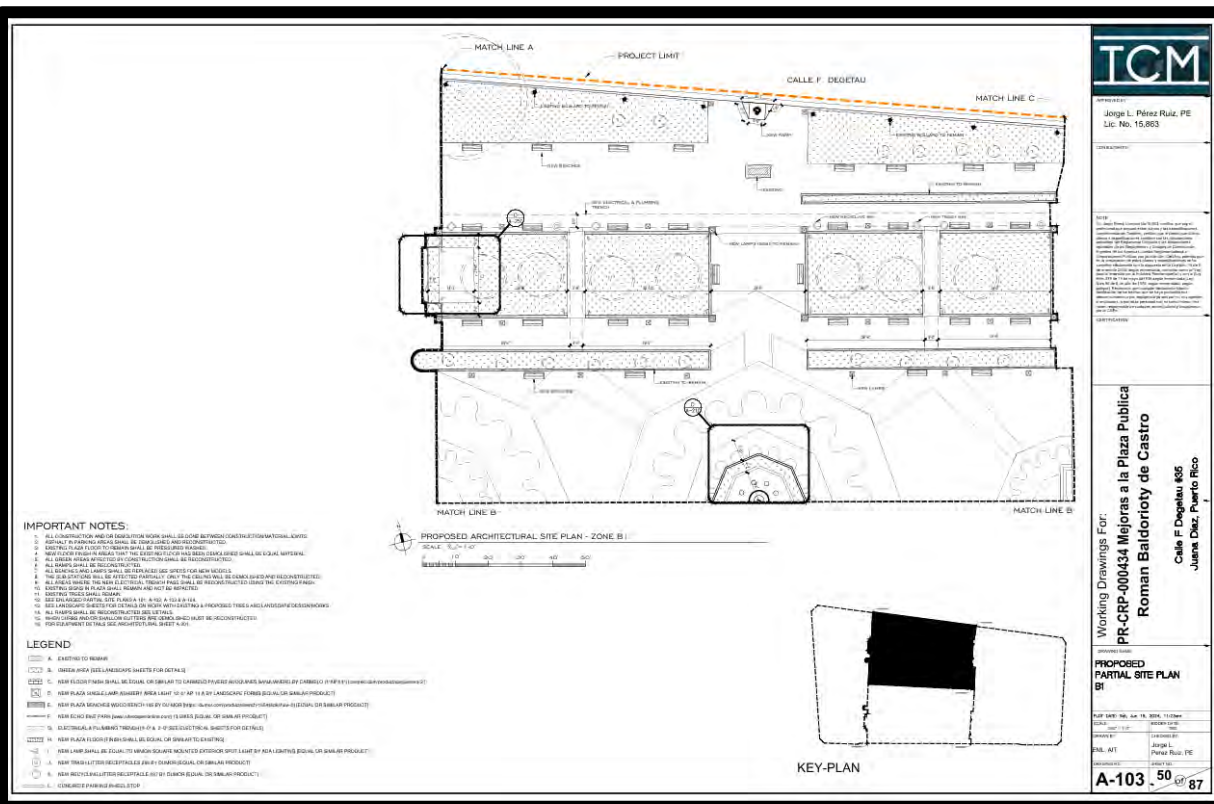
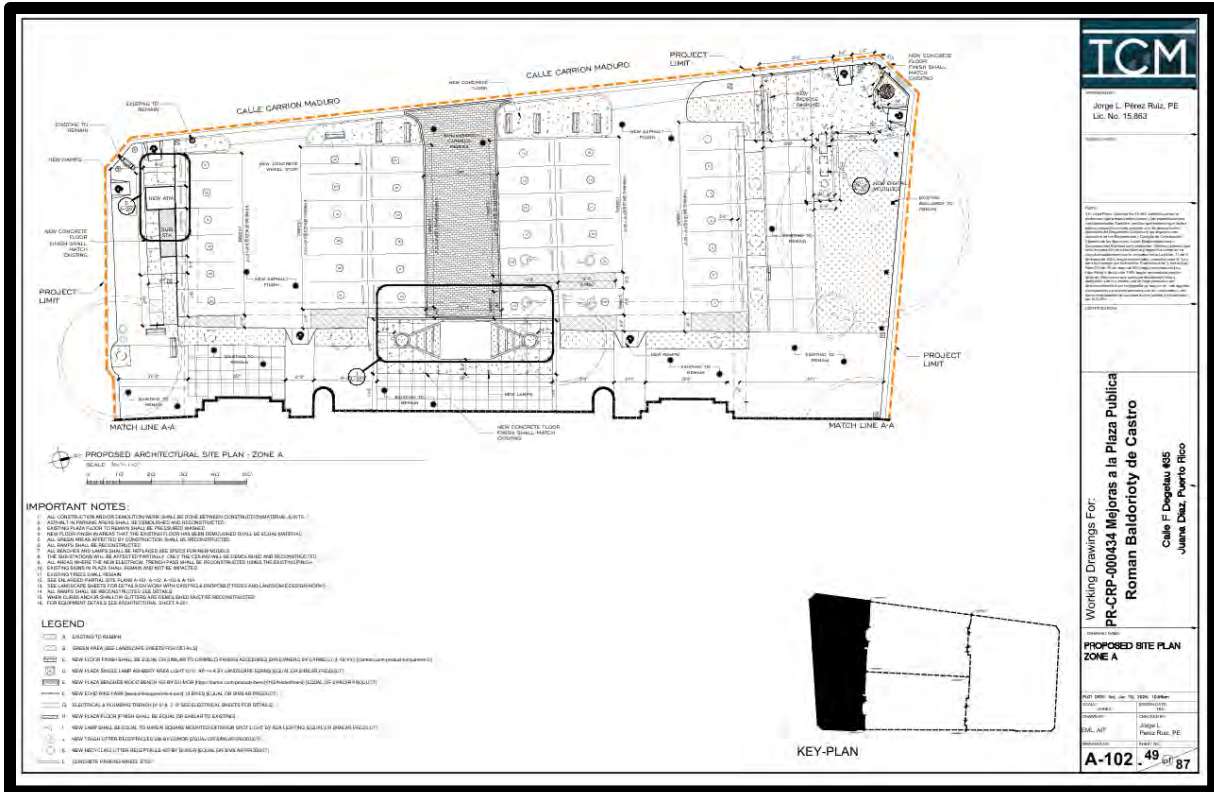












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LEGEND

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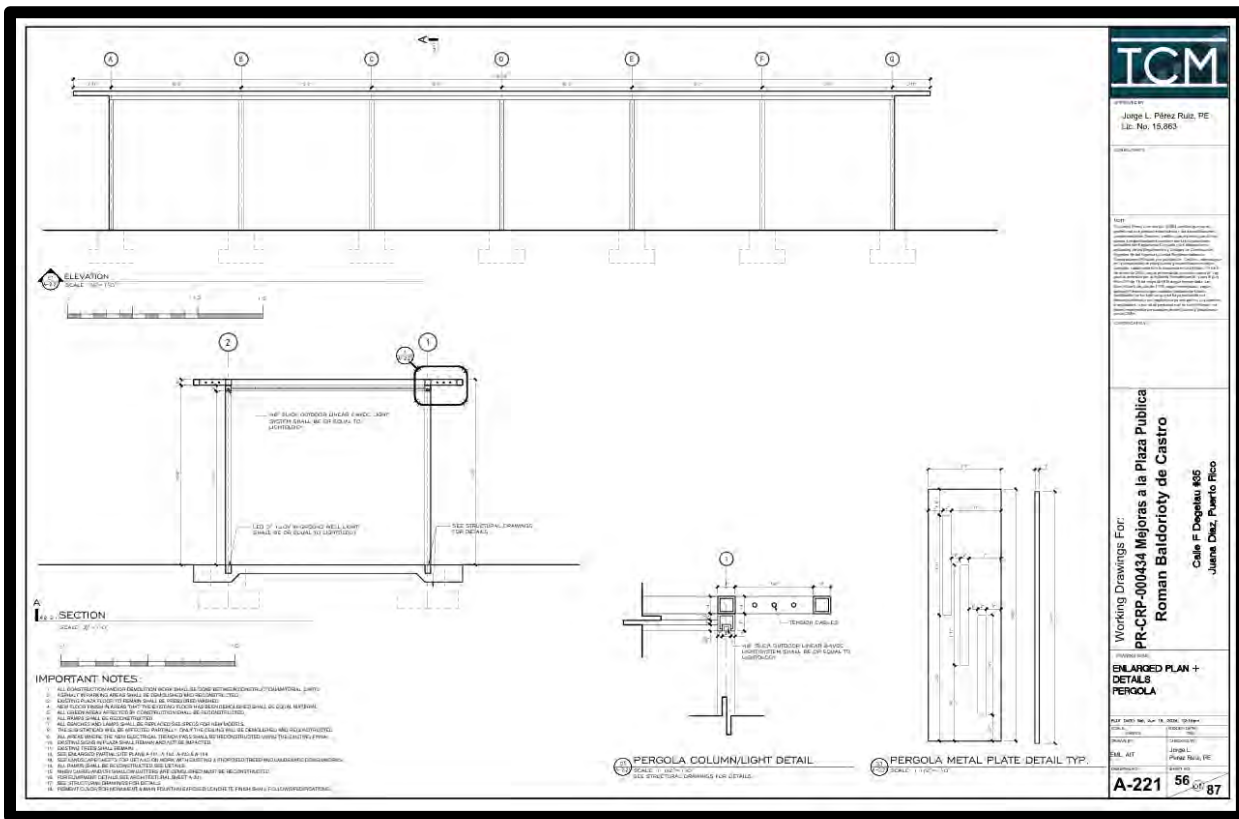
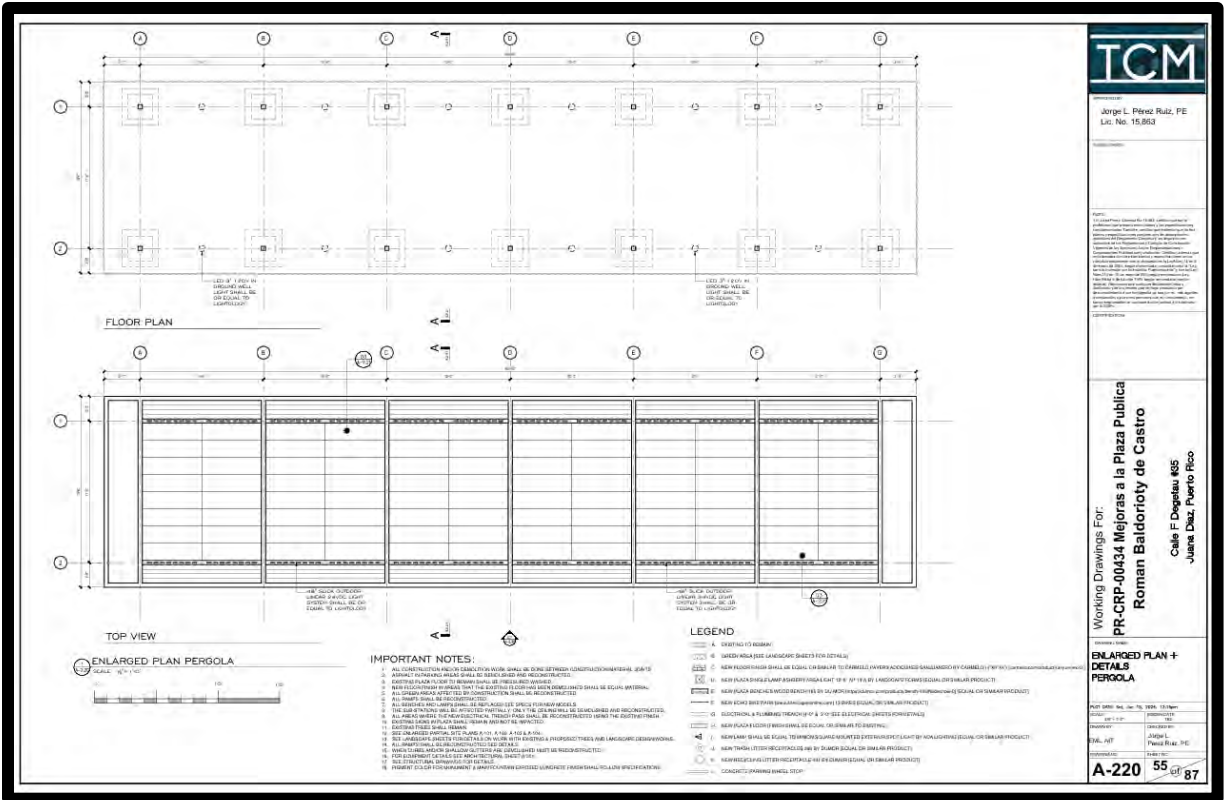
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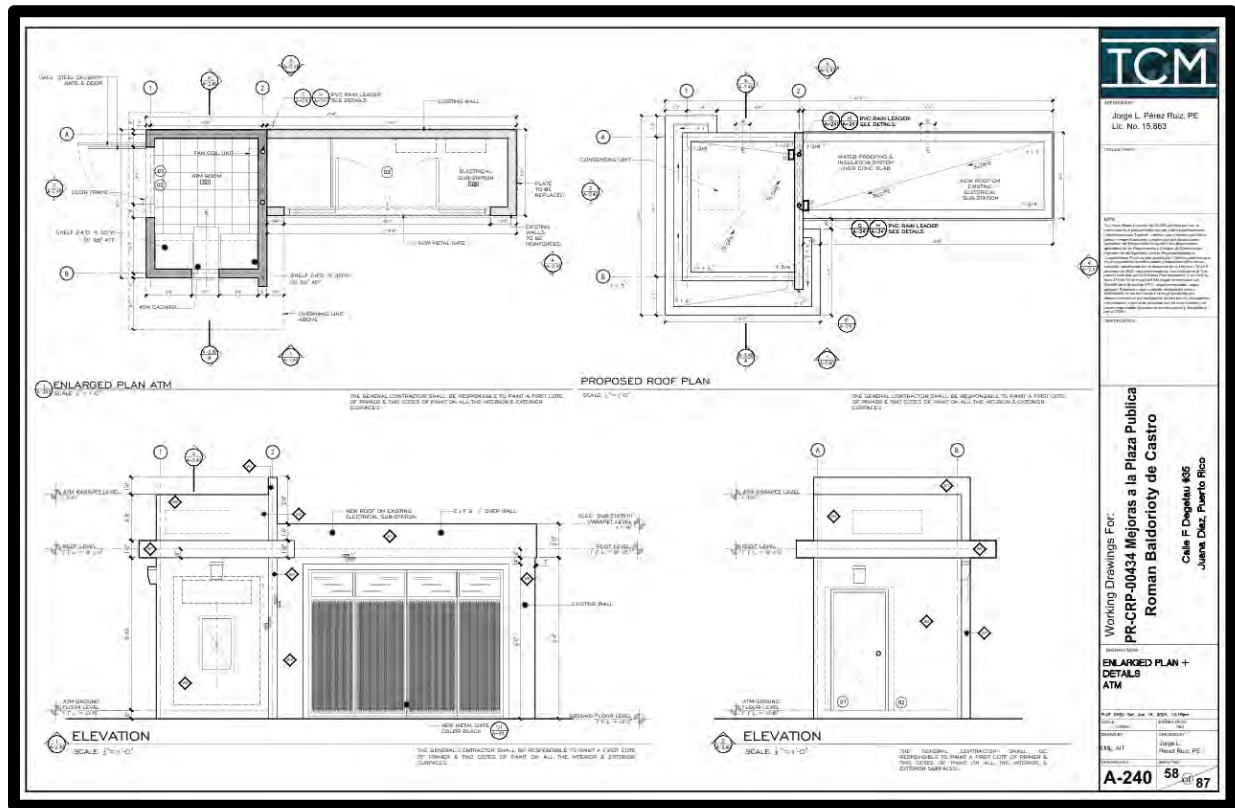
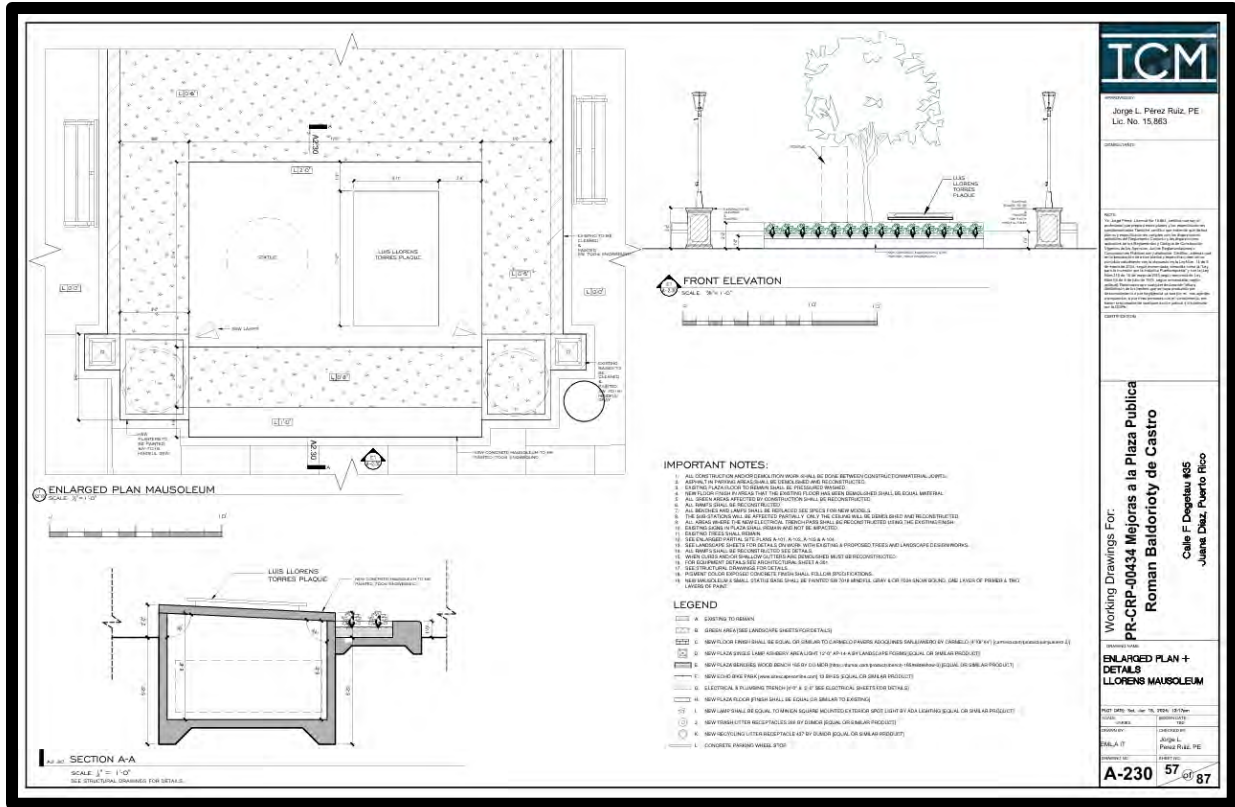
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LEGEND

- ☐ (A) EXISTING TO REMAIN
☐ (B) EXISTING AREA, LARGER AREA (SHRINKS FOR DETAIL)
☒ (C) EXISTENCE SHALL BE EQUAL OR GREATER TO CALLED FOR (LARGER OR EQUALS INDICATED BY DIMENSIONS OF THE ITEM TO BE COMPARED TO THE CALL FOR)
☐ (D) EXISTENCE AREA LARGER (LARGER AREA OF 1/4" OR 1/8" LARGER FOR CONCRETE OR UNARMED REINFORCED)
☐ (E) EXISTENCE AREA EQUALS OR GREATER (1/4" OR 1/8" LARGER FOR CONCRETE OR UNARMED REINFORCED) (EQUAL OR GREATER INDICATED BY DIMENSIONS OF THE ITEM TO BE COMPARED TO THE CALL FOR)
☐ (F) EXISTENCE SHALL BE EQUAL TO OR GREATER THAN CALLED FOR (LARGER OR EQUALS INDICATED BY DIMENSIONS OF THE ITEM TO BE COMPARED TO THE CALL FOR)
☐ (G) EXISTENCE AREA (LARGER OR GREATER) (1/4" OR 1/8" LARGER FOR CONCRETE OR UNARMED REINFORCED)
☐ (H) EXISTENCE SHALL BE EQUAL TO (LARGER OR GREATER TO REMAIN)
☐ (I) NEW TRANSVERSE REINFORCEMENT BY SQUARE EQUAL OR AREA PRODUCTS
☐ (J) NEW TRANSVERSE REINFORCEMENT BY SQUARE EQUAL OR AREA PRODUCTS
☐ (K) NEW TRANSVERSE REINFORCEMENT BY SQUARE EQUAL OR AREA PRODUCTS
☐ (L) NEW TRANSVERSE REINFORCEMENT BY SQUARE EQUAL OR AREA PRODUCTS

KEY-PLAN







Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

[illegible]

Wings For:
334 Mejoras a la Plaza Publica
Baldorioty de Castro
 Calle F Dogetau #35
 Juana Diaz, Puerto Rico

ENLARGED PLAN +
DETAILS
ATM

A-241 59 of 87



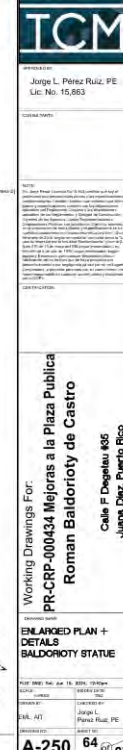
Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

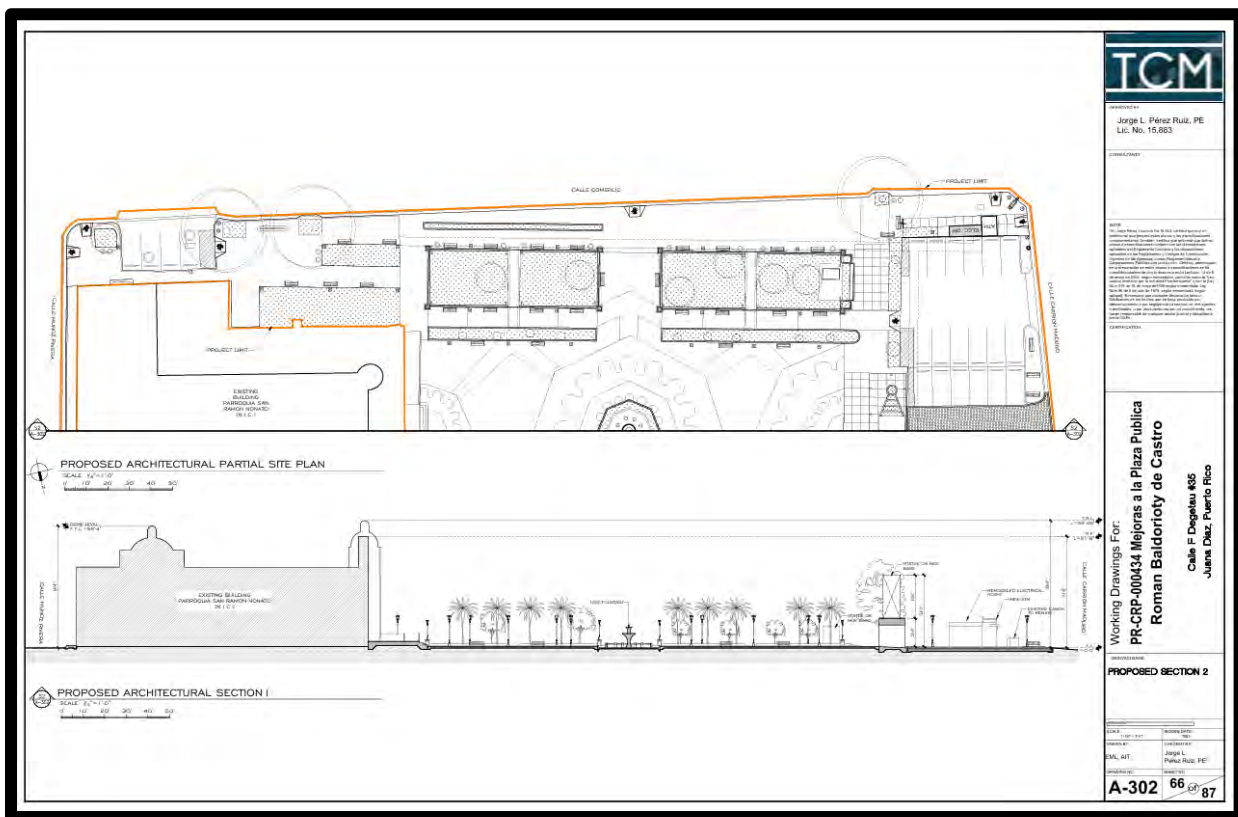
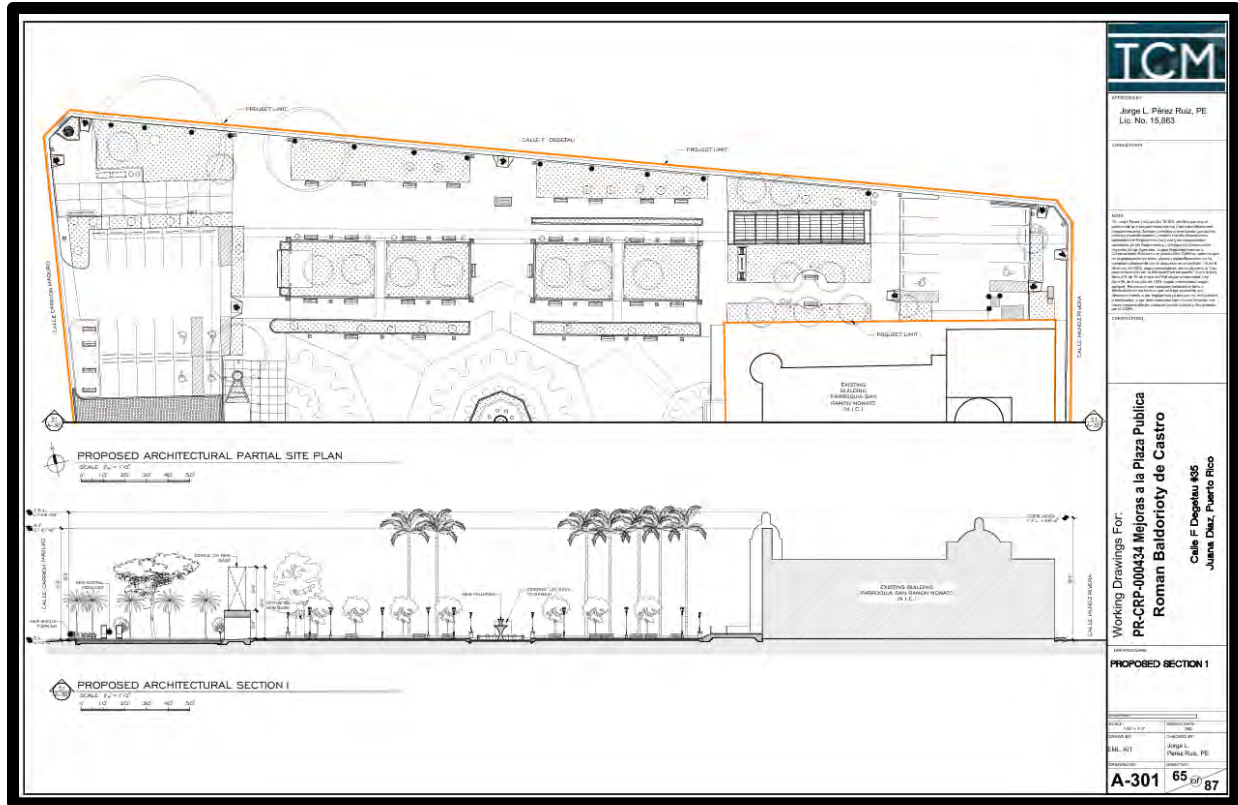
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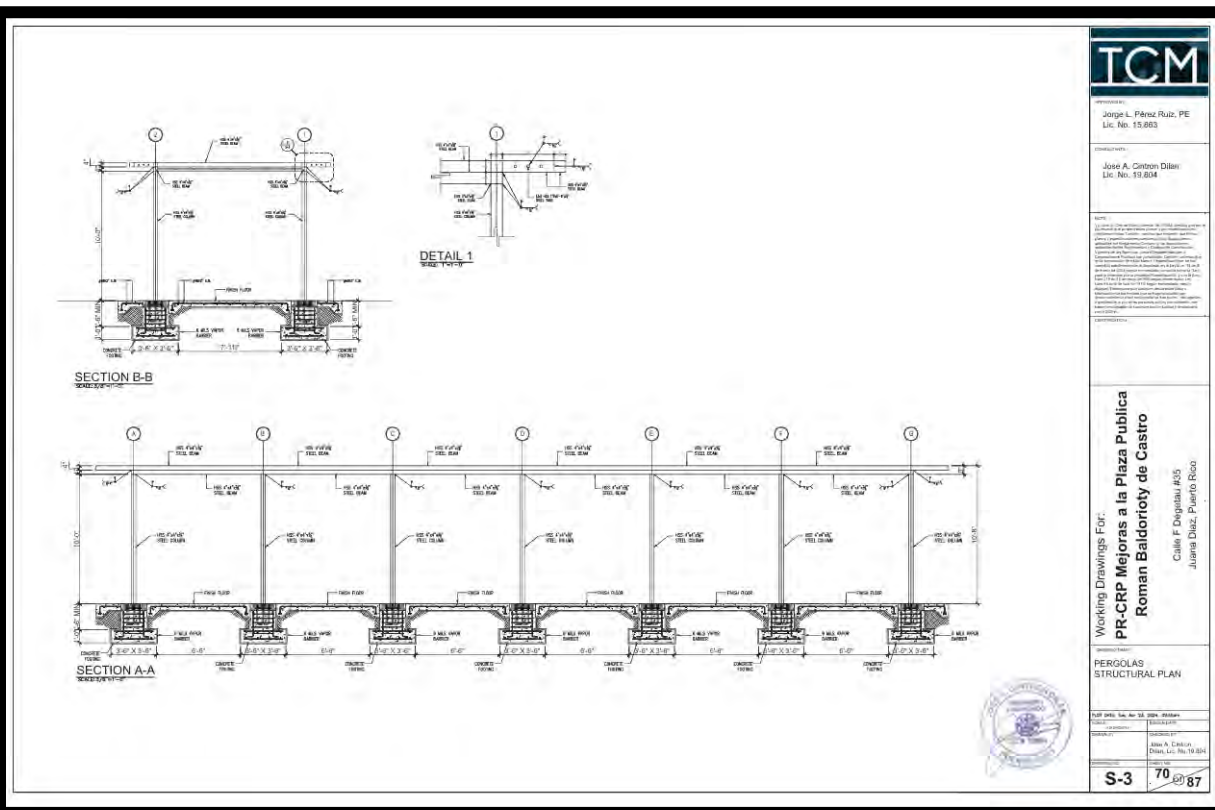
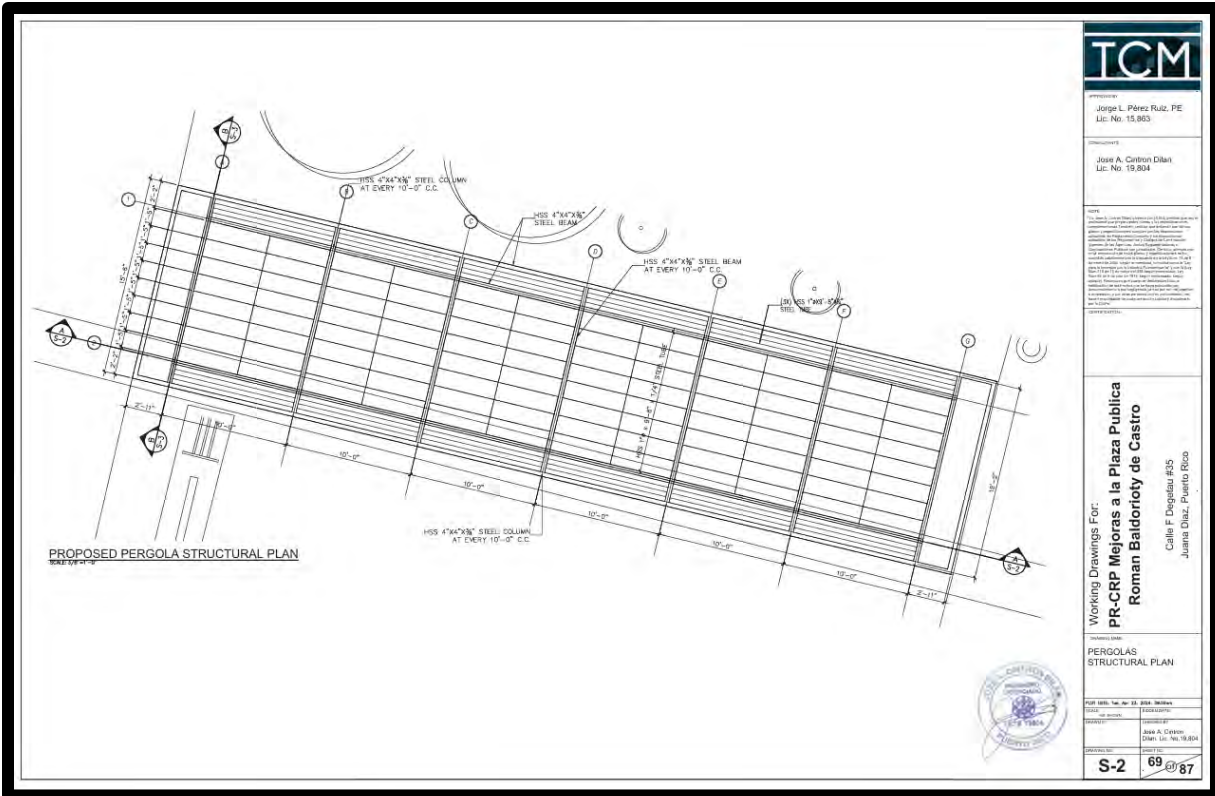
**34 Mejoras a la Plaza Publica
Baldorioty de Castro**

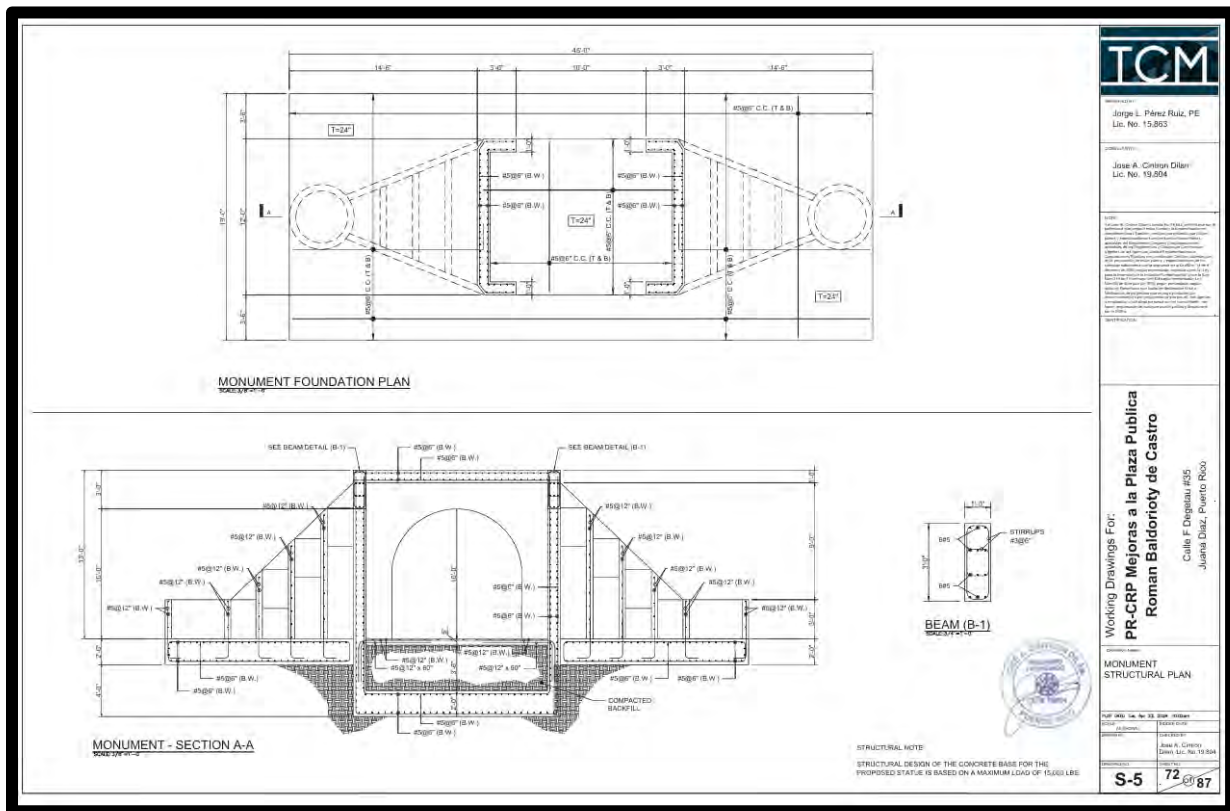
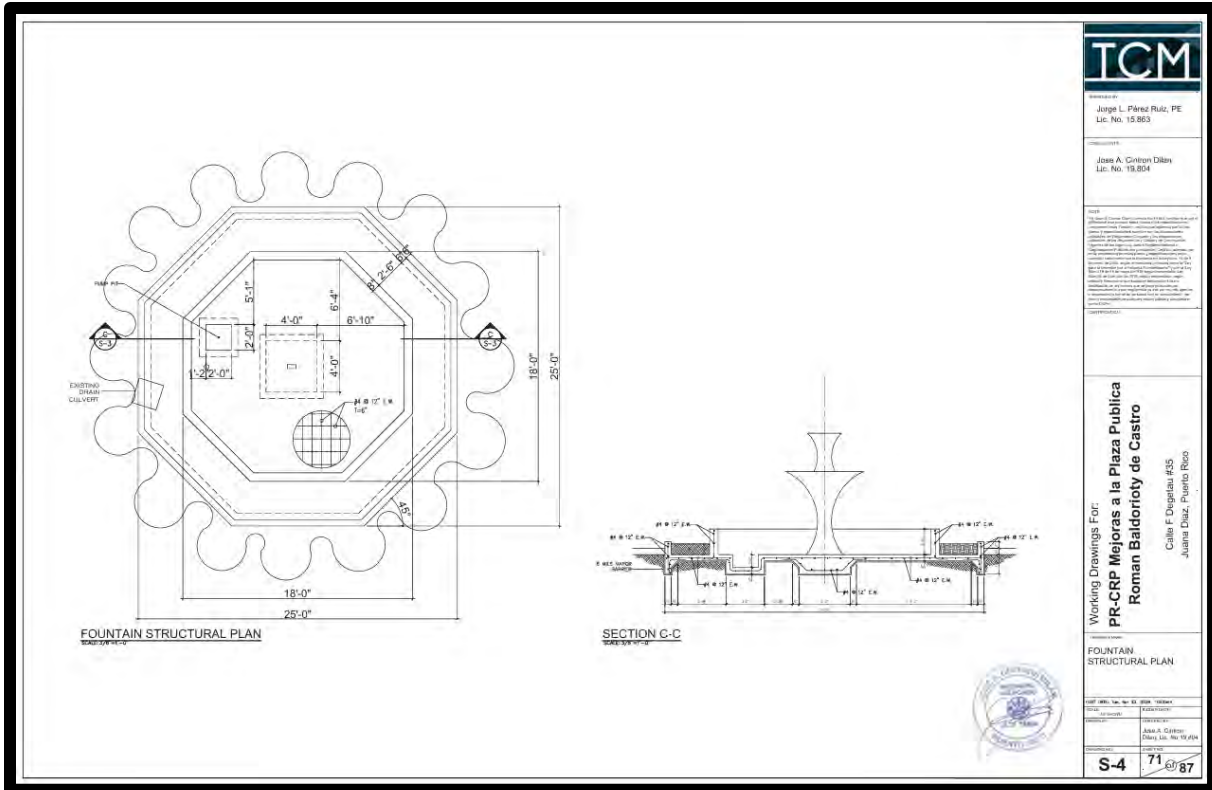
**ENLARGED PLAN
DETAILS + FINISHES**

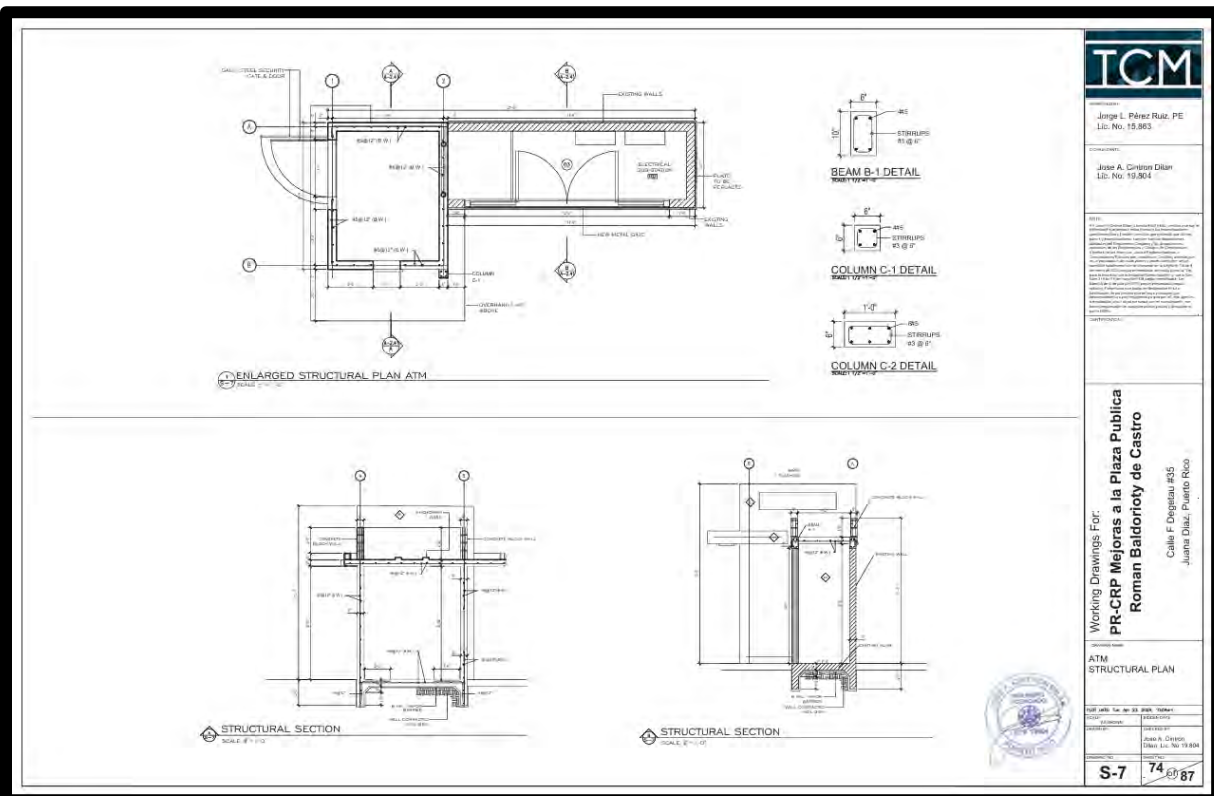
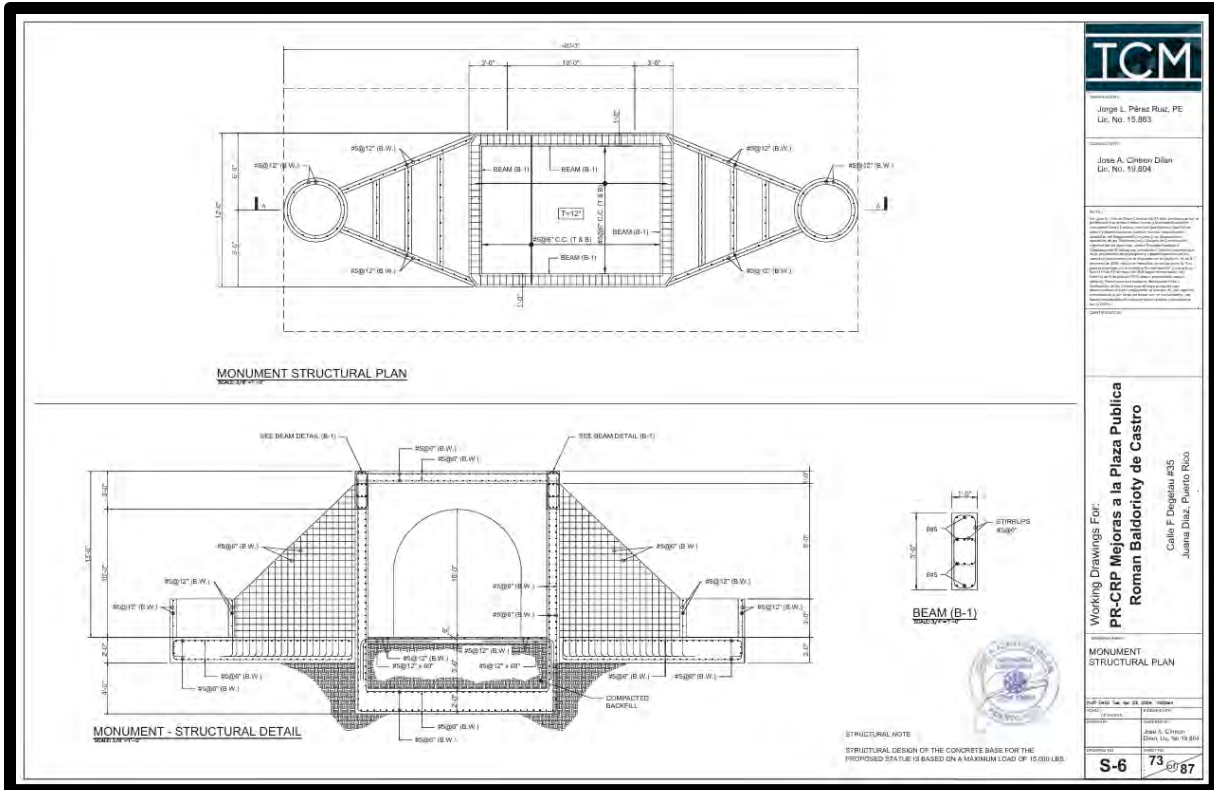
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|----------------|-------------|
| Delivery order | Invoice No. |
| A-242 | 60 |













FOUR (4) GANG STRUCTURAL PLAN



TWO (2) UNIT GANG STRUCTURAL PLAN

Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

Jose A. Cullum Dilar
Lic. No. 19,804

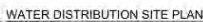
Working Drawings For:
**PR-CRP Mejoras a la Plaza Publica
Roman Baldorioty de Castro**

Calle F. Degetau #35
Juanita Diaz, Puerto Rico

COLUMN WALL GANG
STRUCTURAL PLAN &
SECTION

| | |
|---|--|
| FIGHT BACK! Sat. Apr. 22, 2006, 10:00am | |
| STORY: | SUBJECT AREA: |
| ISSUE/ARTICLE: | |
| DATE/TIME: | LOCATION: #11 |
| | JOSE A. CORDERO CHARTER LUTHERAN HS (9.5) |

| | |
|-------------|-----------------|
| Drawing No: | Sheet No: |
| S-8 | 75 of 87 |



Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

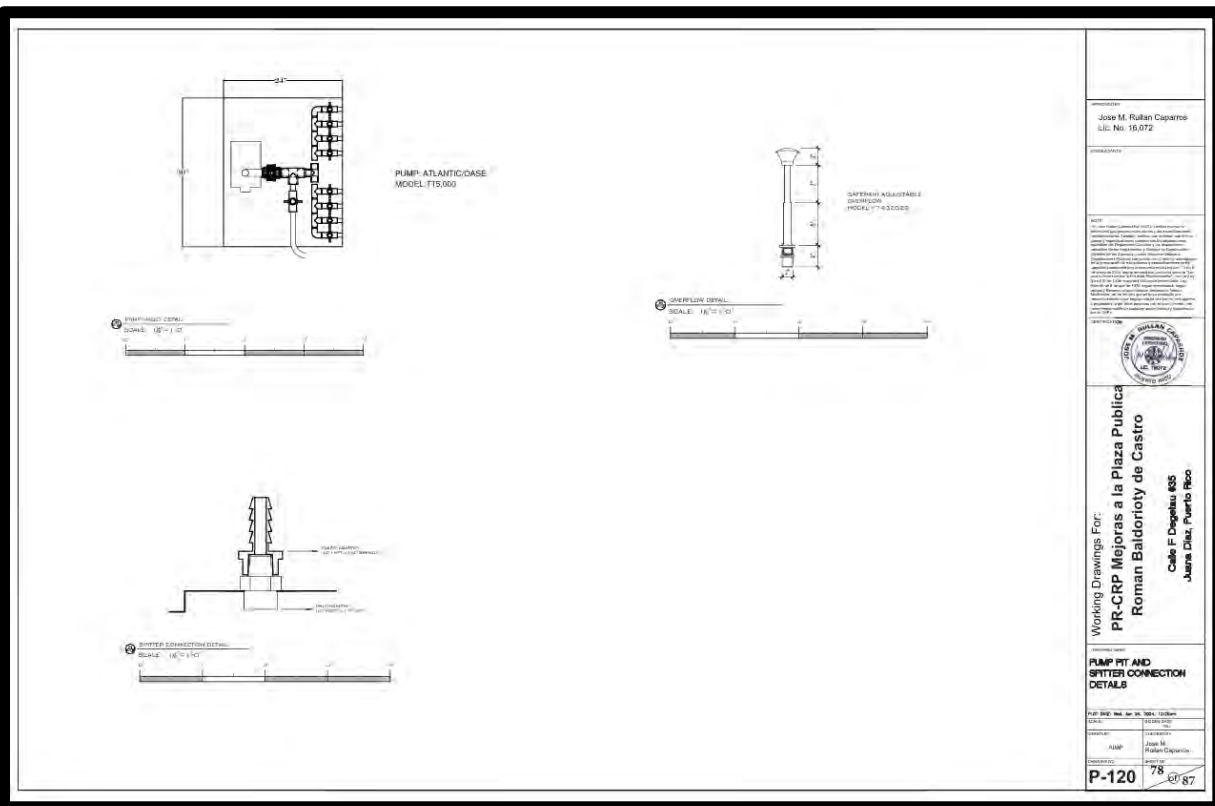
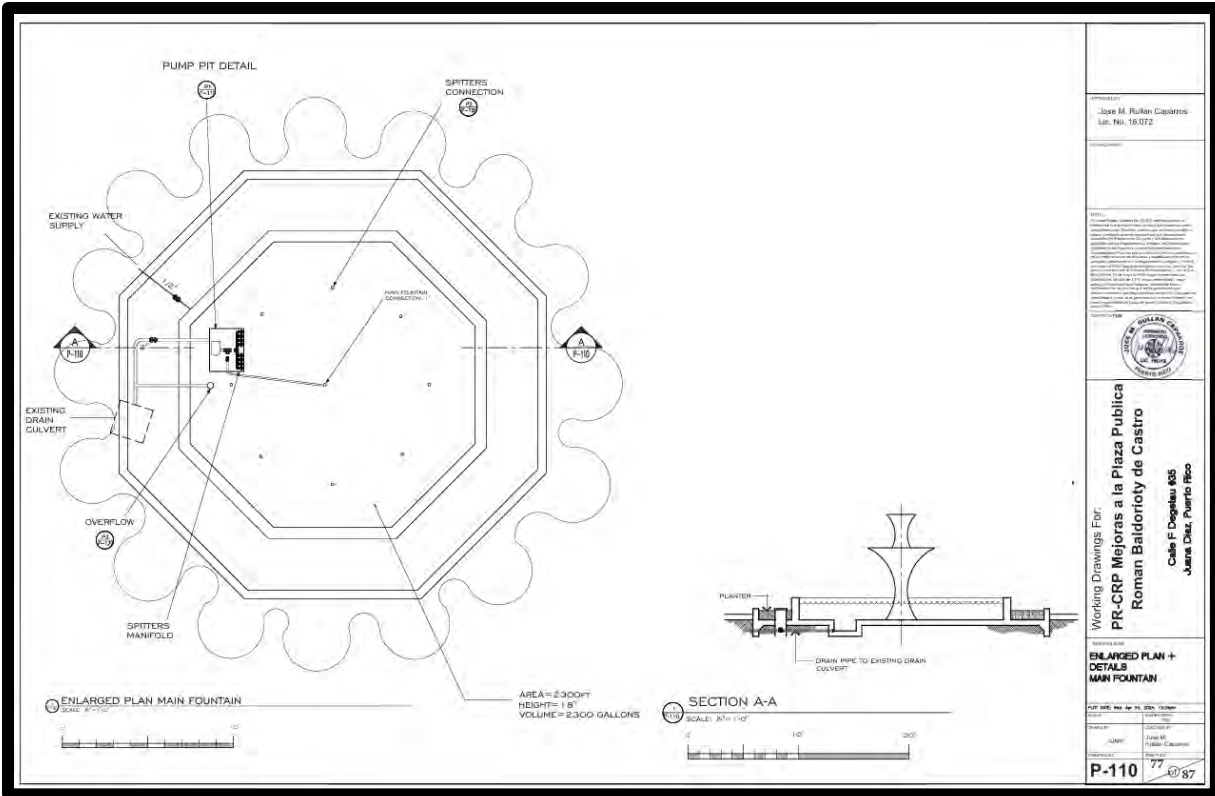
Working Drawings For:
PR-CRP Mejoras a la Plaza Publica
Roman Baldorioty de Castro

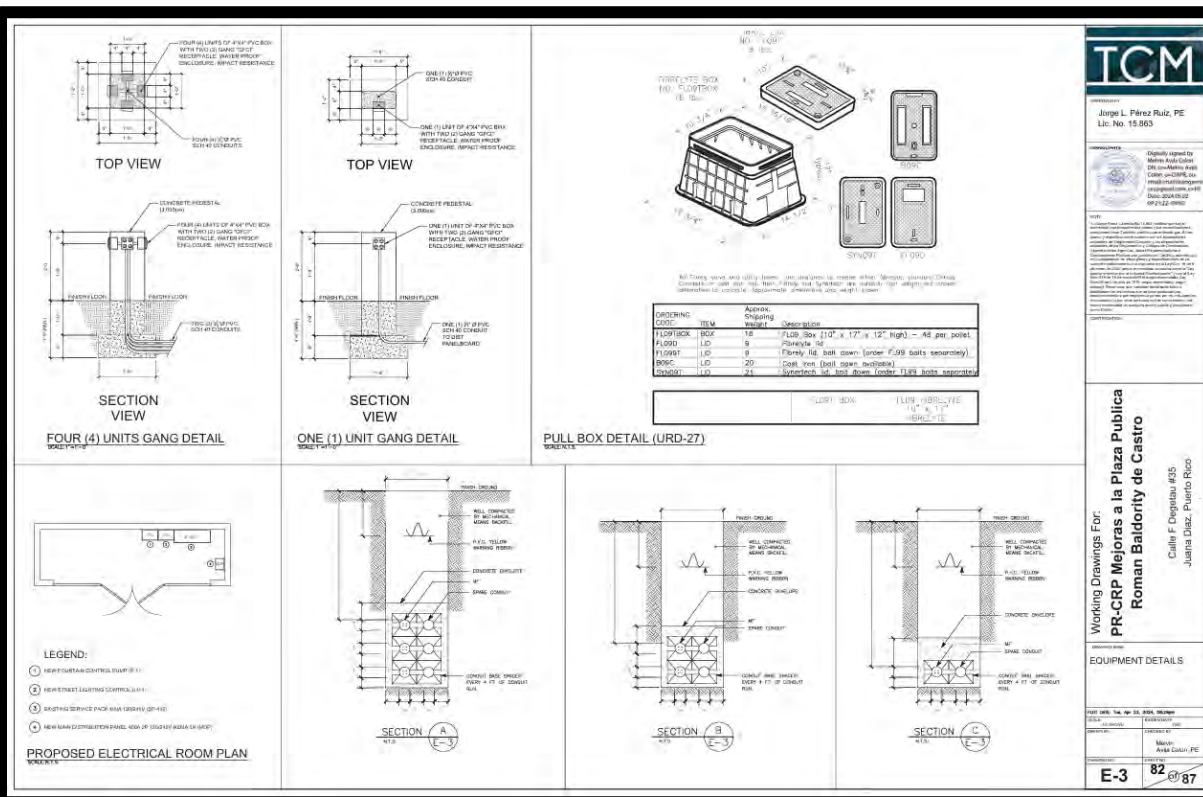
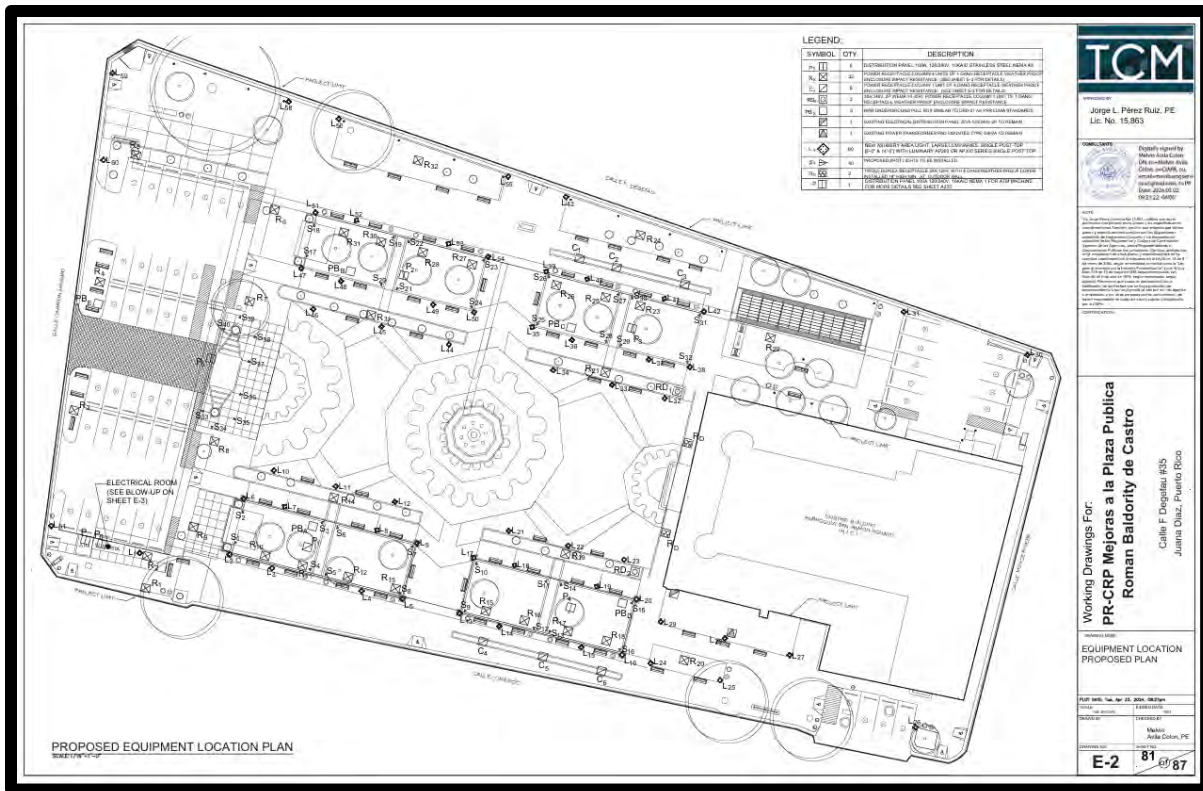
Calle F. Dagueta #25
Juana Diaz, Puerto Rico

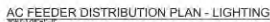
WATER DISTRIBUTION
SITE PLAN, ISOMETRIC
AND NOTES

| | |
|---|--------------|
| PLDT (Globe) #165-888-24, 8234, 12-04pm | |
| CONV# | WED-04-07-18 |
| CALL# | 181 |

| | |
|----------------------------|------------------------|
| Jorge L. Perez Ruiz, PE | |
| DESIGNED BY | CHECKED BY |
| P-101 | 76 of 87 |







GENERAL NOTES:

- 1 - CONTRACTOR SHALL BALANCE ALL LOADS.
- 2 - NO CONDUIT SHALL BE SMALLER THAN 3/4".
- 3 - NO WIRE SHALL BE SMALLER THAN #12 AWG THHN/THWN 600 VOLTS, COPPER.
- 4 - INDICATED HEIGHTS ARE FROM CENTER OF BOX TO FIN FLOOR, EXCEPT AS OTHERWISE INDICATED.
- 5 - ALL PANELS, METERS, SAFETY SWITCHES, ETC SHALL BE MARKED SO AS TO IDENTIFY THEIR USE AND VOLTAGE.
- 6 - MINIMUM INTERRUPTING CAPACITY FOR ALL BREAKERS SHALL BE 10,000 AMPS MIN., UNLESS OTHERWISE NOTED.
- 7 - BUSING 1-1/4" AND LARGER SHALL BE OF THE METAL AND PLASTIC INSULATED TYPE.
- 8 - INSTALL #12 TW GREEN JUMPER BETWEEN CONVENIENCE OUTLET TERMINAL & OUTLET BOX GROUNDING SCREW, OTHERWISE USE CLIP TYPE SELF GROUNDING CONVENIENCE OUTLET.
- 9 - ALL LIGHTING FIXTURES SHALL BE LED TYPE OR AS ACCORDING TO OWNER'S SPECIFICATION.
- 10 - ALL EXISTING WIRING SHALL BE REMOVED IN THE AREA TO BE.
- 11 - INSTALLER SHALL COORDINATE WITH THE ARCHITECT THE COLOR OF RECEPTACLES, SWITCH & PLATES.
- 12 - NEW PANELS, SWITCHES, RECEPTACLES AND LIGHTING OUTLETS SHALL BE INSTALLED AS INDICATED IN THE LEGEND OR SCHEDULES.
- 13 - EXISTING EXPOSED CONDUITS SHALL BE REMOVED OR RELOCATED AS REQUESTED BY OWNER OR DESIGNER.
- 14 - ALL PANEL BOARDS ENCLOSURE SHALL BE GROUNDED BY BONDING TO THE GROUNDED CONDUCTOR.

MATERIALS:

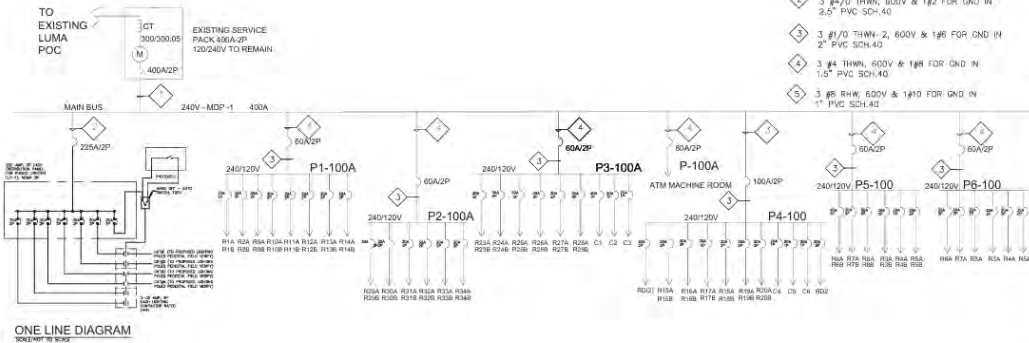
1. ALL EQUIPMENT USED IN CONSTRUCTION SHALL COMPLY WITH THE STANDARDS OF IEEE, ANSI, NEMA AND AS/NZS.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT ANY MATERIAL OR EQUIPMENT USED IS APPROVED BY LUMA PRIOR TO INSTALLATION.
3. ALL EQUIPMENT AND MATERIALS (INCLUDING TRANSFORMERS AND SUBSTATION GEAR) TO BE INSTALLED AT ONE MILE OR LESS AWAY FROM SEASHORE TO BE STAINLESS STEEL.

ELECTRICAL SYSTEMS:

1. EXPOSED NONCURRENT CARRYING METAL PARTS LIKELY TO BECOME ENERGIZED SHALL BE GROUNDED AS PER N.E.C. ARTICLE 250.
2. ANY CONDUIT PATH THRU WALL OR ROOF SHALL BE DONE USING A CORE DRILL AND SHALL BE SEALED AS PER LAND LORDS' ROOF BUILD-UP CONTRACTOR TO KEEP THE ROOF WATER PROOF GUARANTEED.
3. ALL CONDUITS PENETRATING RATED FIRE WALLS OR RATED FIRE FLOORS SHALL BE SEALED USING UL APPROVED SEALS TO MAINTAIN THE FIRE RESISTANCE RATING.
4. ALL DAMAGE CAUSED BY THE CONTRACTOR DURING THE EXECUTION OF THE WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE BUILDING OWNER REPRESENTATIVE.
5. ALL WIRES SHALL BE COPPER, INSULATED AS NOTED.
6. ROUTE OF CONDUIT SHOWN IN LAYOUT IS SCHEMATIC AND INTENDED ONLY TO INDICATE INTERCONNECTION. EXACT ROUTING SHALL BE DETERMINED BY CONTRACTOR AS JOB SITE TO CONFORM WITH EXISTING CONDITIONS.
7. ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (EDITION ADOPTED BY IREPPA) AND APPLICABLE LOCAL CODES.
8. GROUNDING SHALL COMPLY WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
9. ALL ELECTRICAL EQUIPMENT AND ACCESSORIES SHALL BE UL APPROVED OR LISTED.
10. ALL POWER WIRING SHALL BE STRANDED COPPER, TYPE THHN/THWN AND 90 DEGREES C RATED.
11. PROJECT OWNER IS RESPONSIBLE FOR PERFORMING CABLE TESTS BOTH AT THE PRIMARY AND SECONDARY TERMINALS. THIS TESTING SHALL BE IN ACCORDANCE WITH THE PARAMETERS ESTABLISHED BY LUMA.

FEEDER'S WIRES SCHEDULE

1. 2 SETS OF 3x3/0 THW, 600V & 1#1/0 FOR GND IN 2" - 2.5" PVC SCH.40
2. 3 #4/0 THW, 600V & 1#2 FOR GND IN 2.5" PVC SCH.40
3. 3 #1/0 THW-2, 600V & 1#6 FOR GND IN 2" PVC SCH.40
4. 3 #4 THW, 600V & 1#6 FOR GND IN 1.5" PVC SCH.40
5. 3 #6 THW, 600V & 1#10 FOR GND IN 1" PVC SCH.40



ONE LINE DIAGRAM
RECEPTACLE SCHEDULE

TCM
Jorge L. Pina Ruiz, PE
Lic. No. 15,883

Digitally signed by Jorge L. Pina Ruiz, PE
DN: cn=Jorge L. Pina Ruiz, o=TCM, ou=TCM, email=jorge.pina@tcmsc.com, c=PR

Working Drawings For:
PR-CRP Mejoras a la Plaza Publica Roman Baldorioty de Castro
Calle F Digital 435
Juana Diaz, Puerto Rico

ONE LINE DIAGRAM AND ELECTRICAL NOTES

Sheet No. **E-6** of **87**

| DESIGNATION | DESCRIPTION | BREAKERS | REMARKS |
|-------------|-------------|-------------|-----------------------|
| DRY No. | POLES | TRIP (AMPS) | |
| 1 | 2 | 30 | RECEPTACLE COLUMN #1 |
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| DESIGNATION | DESCRIPTION | BREAKERS | REMARKS |
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| DESIGNATION | DESCRIPTION | BREAKERS | REMARKS |
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| 21 | 2 | 30 | RECEPTACLE COLUMN #21 |

| DESIGNATION | DESCRIPTION | BREAKERS | REMARKS |
|-------------|-------------|-------------|-----------------------|
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|-------------|-------------|-------------|-----------------------|
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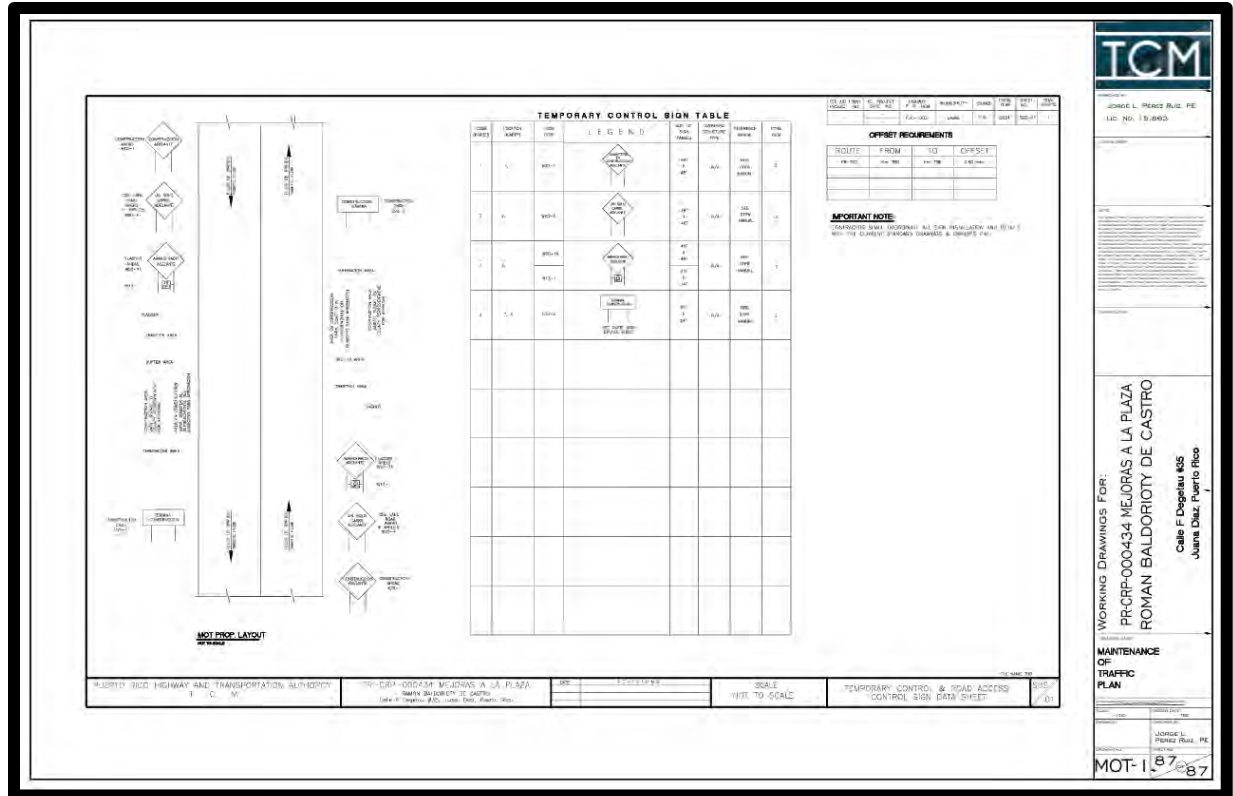
TCM
Jorge L. Pina Ruiz, PE
Lic. No. 15,883

Digitally signed by Jorge L. Pina Ruiz, PE
DN: cn=Jorge L. Pina Ruiz, o=TCM, ou=TCM, email=jorge.pina@tcmsc.com, c=PR

Working Drawings For:
PR-CRP Mejoras a la Plaza Publica Roman Baldorioty de Castro
Calle F Digital 435
Juana Diaz, Puerto Rico

ONE LINE DIAGRAM RECEPTACLE PANEL SCHEDULE

Sheet No. **E-7** of **87**





GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Thursday, August 22, 2024

Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-07-25-24-02 PR-CRP-000434 (Juana Díaz), Mejoras a Plaza Pública
Román Baldorioty De Castro

Dear Ms. Poche,

Our Office has received and reviewed the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the National Historic Preservation Act, as amended) and 36 CFR Part 800: Protection of Historic Properties from the Advisory Council on Historic Preservation. The State Historic Preservation Officer (SHPO) is to advise and assist federal agencies and other responsible entities when identifying historic properties, assessing effects upon them, and considering alternatives to avoid or reduce the project's effects.

In order for the SHPO to fulfill its legal responsibilities, it is necessary that you provide us with the following information:


1. Longitudinal elevations and sections with dimensions that show the proposed design in context with its surroundings, especially the view of the new monument base with the Three Wise Men statue showing its final height in relation to the church and the immediate context. Please include the SHPO project number in any future correspondence. If the requested documentation is not available, the Federal agency official or responsible entity must explain why it has not been submitted and when it can reasonably be expected to be provided to the SHPO.


The SHPO will have 30 days to respond after receiving an adequately documented finding or determination made by the Federal agency or legal responsible entity, as per 36 CFR 800.3(c)(4), § 800.4(d)(1), § 800.5(c) and § 800.11. However, additional information may be required after initiating the section 106 process.

If you have any questions concerning our comments, do not hesitate to contact our Office.



Cuartel de Ballajá (Tercer Piso), Calle Norzagaray, Esq. Beneficencia, Viejo San Juan, PR 00901 | PO Box 9023935, San Juan, PR 00902-3935

 787.721.3737

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Sincerely,




Carlos A. Rubio Cancela
State Historic Preservation Officer
CARC/GMO/ EVR



Cuartel de Balajá (Tercer Piso), Calle Norzagaray, Esq. Beneficencia, Viejo San Juan, PR 00901 | PO Box 9023995, San Juan, PR 00902-3995

 787.721.3737

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GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

Arch. Carlos A. Rubio Cancela
Executive Director
Puerto Rico State Historic Preservation Office
Cuartel de Ballajá, Third Floor
San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG-MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,



Aldo A. Rivera Vázquez, PE
Director
Division of Environmental Permitting and Compliance
Office of Disaster Recovery

Barbosa Ave. #606, Building Juan C. Cordero Davila, Rio Piedras, PR 00918 | P.O. Box 21365 San Juan, PR 00928-1365
Tel: (787) 274-2527 | www.vivienda.pr.gov



July 25, 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-000434, Mejoras a Plaza Pública Román Baldorioty De Castro Project, Juana Díaz, Puerto Rico – *No Adverse Effect, Conditioned*

Dear Architect Rubio Cancela,

On February 9, 2018, an allocation of Community Development Block Grant - Disaster Recovery (CDBG-DR) funds was approved by the United States Department of Housing and Urban Development (HUD) under the Federal Register Volume 83, No. 28, 83 FR 5844, to assist the Commonwealth of Puerto Rico in meeting unmet needs in the wake of Hurricanes Irma and Maria. On August 14, 2018, an additional \$8.22 billion recovery allocation was allocated to Puerto Rico under the Federal Register Volume 83, No. 157, 83 FR 40314. With these funding allocations, the Puerto Rico Department of Housing (PRDOH) aims to lead a comprehensive and transparent recovery for the benefit of Puerto Rico residents. To faithfully comply with HUD's environmental requirements, the Puerto Rico Department of Housing contracted Horne Federal, LLC (HORNE) to provide environmental records review services that will support the objectives of the Puerto Rico Department of Housing (PRDOH) for the CDBG-DR funding.

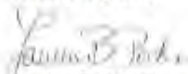
On behalf of PRDOH, we are submitting documentation for the proposed Mejoras a Plaza Pública Román Baldorioty De Castro Project in the municipality of Juana Díaz. The proposed undertaking consists of renovations to the public plaza including repaving the adjacent parking areas, new flooring on the western side of the plaza to match the existing flooring, new sidewalks and curbing to include ADA ramps, removing the lateral fountains, rebuilding the central fountain, electrical and plumbing upgrades, replacing the current light poles, new urban furniture (benches, trash cans, bike rack), a plaque to commemorate the poet Luis Llorens Torres, a new base for the statue of the three holy kings, a shade pergola at the northeast area of the square between existing trees, new planters and landscaping, and an ATM will be constructed on the western elevation of the existing mechanical room on the southwest corner of the plaza block. The full scope of the project is described in the submitted documentation, which includes mapping, photographs, the 100% construction plans, and conceptual renderings.



Based on the provided documentation, the Program has determined that the proposed undertaking will have no adverse effect upon the historic properties within the Area of Potential Effect such as the Román Baldorioty De Castro Plaza, the surrounding properties, and the Juana Díaz Traditional Urban Center. However, this is conditioned to archaeological monitoring during all construction and ground disturbing activities. If this is determined to be an appropriate condition for this undertaking, an archaeological monitoring plan will be prepared and submitted to the PRSHPO for review and approval.

If you have any questions or concerns, please contact me by email at lauren.poche@horne.com or phone at 225-405-7676. As always, thank you for your assistance and we look forward to your response.

Kindest regards,



Lauren Bair Poche, M.A.

Architectural Historian, EHP Senior Manager


Attachments

PR-CRP-000434

**Mejoras a Plaza Pública Román Baldorioty
De Castro Project**

Juana Díaz, Puerto Rico


Section 106 Effect Determination Form

| | | |
|--|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination | |  |
| Subrecipient: Autonomous Municipality of Juana Diaz | | |
| Project Name: Rehabilitation to the Ramón Baldorioty De Castro Public Square | | |
| Project Number: PR-CRP-000434 | | |
| Project Location: Carrion Maduro Street, Juana Diaz Puerto Rico | | |
| Project Coordinates: Lat. 18.053032 Lon. -66.505785 | | |
| TPID (Número de Catastro): 366-030-025-01-000 | | |
| Type of Undertaking: <input checked="" type="checkbox"/> Substantial Repair <input type="checkbox"/> New Construction | | |
| Construction Date (AH est.): Ca. 1798 -1854 | | Property Size (acres): 2.0244 acres |
| SOI-Qualified Architect/Architectural Historian: Javish Muñiz Reyes | | |
| Date Reviewed: June 8, 2024 | | |
| SOI-Qualified Archaeologist: Fernando Alvarado Muñoz | | |
| Date Reviewed: June 8, 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)

As part of the City Revitalization program under the CDBG-DR program funds, the Municipality of Juana Diaz has the need to revitalize its urban spaces, promote the economy of the city center and improve its open spaces for the enjoyment of its residents and communities. To contribute to the achievement of these objectives, under project PR-CRP-000434 the rehabilitation of the Ramón Baldorioty De Castro Public Plaza has been considered. Juana Diaz's Baldorioty De Castro Plaza is located on Maduro Street south of the Juana Diaz mayor's house. It is specifically located in the southern region of Puerto Rico, bordering to the north with Coamo, to the east with Santa Isabel, to the south with the Caribbean Sea, to the west with Ponce and entering through PR-14. Plaza Baldorioty De Castro belongs to the jurisdiction of the municipality of Juana Diaz identified with the cadastral numbers 366-030-025-01-000. Plaza Juan Evangelista Rivera has an approximate area of 8,192.76 square meters equivalent to 2.0244 acres. It is located in zone X according to the Fema Flood Maps, page #: 72000C1670J as of April 13, 2018. Currently, Plaza Juan Baldorioty De Castro, after the atmospheric events that occurred in Puerto Rico, is deteriorated, with poor landscape expression, dysfunctional lighting and street furniture in poor condition. This Project aims to improve the existing conditions of this area, to contribute to the revitalization of the urban area of the municipality of Juana Diaz.

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

The objective is to impact the urban landscape by improving the ornamental lighting of the entire Plaza area, replacing the existing lighting poles with more resistant, modern and highly efficient ones, in order to significantly reduce energy expenditure. Work will be done with floor elements such as sidewalks, accesses and ramps to provide greater safety to the visitor. In addition to changing the ornamental elements such as the benches for better enjoyment and use of the urban space, following what is established in the joint regulations and the standards of the Secretary of the Department of the Interior.

Demolitions:

- Asphalt pavements in parking will be demolished and discarded.
- Concrete curbs and sidewalks will be demolished and discarded.
- Remove existing lighting and electrical system (controls, timer contacts, power outlets, water pump, motor control, electrical panel) and lighting poles (22) and discarded.
- Remove statue base and discarded.
- Concrete swale to be remove to repair.
- Remove statue to repair.
- Lateral fountains (4) demolition and discarded.
- Center fountain and statue demolition to reconstruction.
- Demolitions on benches (49) and discarded.
- Square floors demolitions (900 square feet) for electrical trench construction.
- Floor tiles (2,500 square feet) to be removed and discarded.

Constructions and replacements:


*Installation of new (49) wood benches (165 by DU-MOR).

*Access and ramps will be improved (8) and create (12) according with ADA guidelines.

*New floor finish tiles (2,500 square feet), matching the existing, in the west side of the square will be installed.

*A 4'-6" x11'-7" ATM structure (money machine) will be constructed with foundations of 2'-0" deep with 6" diameter, on the very western end of the plaza on the far side of the existing mechanical room by the parking.

*Renovation of concrete and asphalt pavements in order to create better space and improve the area for the community and visitors of the square. Carmelo pavers 4"x8"x4" will be installed in 1,400 square foot area of the west side of the square (parking area).

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

* 50 new rubber wheel stop will be installed in the parking areas (6'-0" x 9'-0" with ½" metal bolts drilled 2" to the ground). (2) 43" standing digital poster will be installed in the southwest side of the square. Anchor bolt will be used for installation.

* Electrical and plumbing modifications or additions in the infrastructures will be part of the project in order to adapt the new lighting, sanitary and water systems in the square. (38) little receptacles will be installed around the square for urban accessories. An electrical room will be built in the southwest area of the square for the electrical equipment. Excavations for electrical pedestal with 1'-8" depth and 1'-0" x 1'-0" wide. Pull box installation with excavation of 16-1/8" depth by 24 5/8" x 13 ½" wide. Conduit base installation with excavation of 4'-6" depth with 12" x 12" wide. New trash litter receptacle (14) 286 by DUMOR will be installed. New recycling litter receptacle (14) 437 by DUMOR will be installed.

* To be environmentally conscious, priority will be given to the plants that live in the square. For this, (4) Palma robellini will be replaced and the other plants and trees will be maintained. This will create a balance between vegetation and structure contributing to a better harmonious space. 64 wood benches (By DU-Mor) around the plaza will be installed. Anchor bolt will be used for installation.

* A plaque (mausoleum per designs) in memory of Luis Llorens Torres, one of the most important poets of Puerto Rico born in Juana Díaz will be built.

* A new 13-bike rack will be installed in the square. Anchor bolt will be used for installation.


* Installations of (60) lighting poles (Ahsbery 12'-0" AP-14-A), new high degree of efficiency and energy savings spot lights lamp (40) equal or similar to minion square mounted by ADA lighting exterior will be installed in the square for better illumination. 664-line feet of electrical trench 4'-0"x 2'-0" will be constructed around the square.

* Curbs and sidewalks renovation is proposed. For this, excavation of 1'-6" of depth and 6" wide it's going to be done. For parking identifications, excavations 1'-6" deep and 1'-0" in diameter will be made.

* Construction and installation of a new reinforced base for the statue of the three holy kings. For this an excavation of 6'-0" depth with 12'-0"x 16'-0" will be made for its foundations.

* A pergola with dimensions of 14'-8" with 66'-0" will be installed in the northeast area of the square. For this foundation will be constructed with excavation of 2'-6" depth and 2'-0"x 3'-6" wide.

* Construction of a new planter with a new architectural design will be part of the square with

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the intention to provide a relaxation space for all the visitors and the community of Juana Díaz. 1'-6" depth and 6" diameter excavations for planters foundation will be made.


* New center fountain equipment (pump, spitters, overflows) will be installed for the optimum performance.

These renovation works of the plaza are in accordance with the Department of Interior Standards, the volume X Joint Regulation of Puerto Rico and in accordance with the interventions in public spaces.

In terms of ground disturbance, all the footprint of the plaza will be impacted, but we considered that the area its already impacted by different rehabilitations and ground disturbance will be again part of this project in all the area of the square.

The staging area will be inside the square and will be relocated if is necessary according to the task of the project. The vehicular traffic will be no affected with this intervention. Given that the Juana Díaz Public Plaza is a historic property, already pre-intervened, the rehabilitation works will have an effect on it, but will not be considered an adverse effect because the historical integrity will not be affected by the proposed project.

The one hundred percent (100%) stage of the plans are attached with this document.

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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 the Román Baldorioty De Castro Public Square of Juana Díaz, which is bounded by the Muñoz Rivera Street to the east, Federico Degetau Street to the north, Carrion Maduro Street to the west and Comercio Street to the south (Figure #1 on Page #38). Its dimensions are from north to south 227'-0" and from east to west 380'-0". It is known that the Plaza Publica Román Baldorioty de Castro have been in the town of Juana Díaz since 1864. It is an important part of the urban distribution of the town and its foundation, which makes it worthy of being in the National Register of Historic Places. The visual APE is the viewshed of the proposed project along the mentioned streets and includes all the properties surrounding of them (Photos #11 on #82 to Photo #19 on Page #87). Its dimensions are from north to south 650'-0" and from east to west 557'-0"


Within the visual APE, on the east side of the plaza is the Iglesia de San Juan Bautista y San Ramón Nonato de Juana Díaz it is included in the National Register of Historic Places since December 10, 1984. This church was first built in 1807 but it has had several repairs and changes after its construction, for reasons mainly to face atmospheric events. The creation of this square was a necessary element for the founding of the town of Juana Díaz. In the north of the plaza is the Mayor's House. This structure of two levels, was acquired in 1896 to establish the municipality city hall. Originally from the Franceschi family, was two houses with great architectural influence. This structure contains the oldest clock in Puerto Rico, according to historians it dates back to 1863, first installed in the San Ramón Nonato church and then installed in the mayor's house in 1922. It is eligible to be in the National Register of Historic Places by the Criteria A and C.

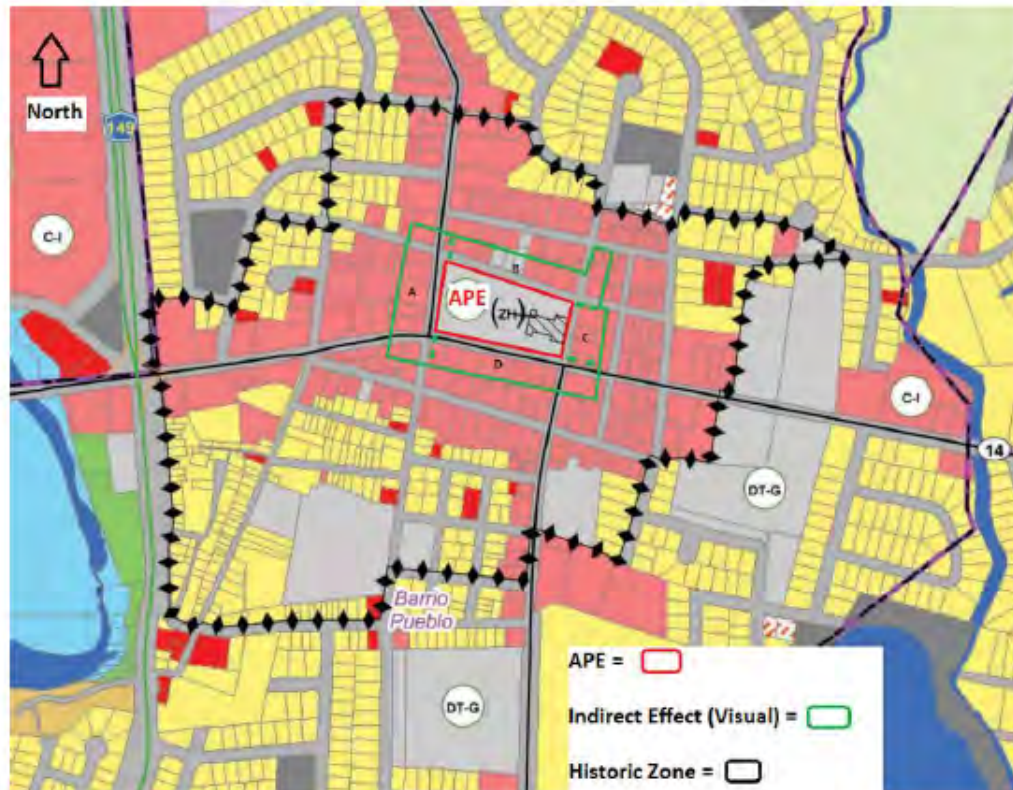
To the east of the plaza and in the Luis Muñoz Marín Street, is building with house number#64 that was used as the Mayor's Temporary House at the end of the XIX century. It was also a prison where Ramón Baldorioty De Castro was held, due to the autonomist movements that emerged at that time. It is eligible to be on the National Register of Historic Places under Criterion A. The PR-14 (Comercio Street) and former military road is within the indirect APE. This road is included in the National Register of Historic Places (NRHP) since May 2, 2019 (SG100003686). Within the direct effect area there are buildings mostly of a commercial nature, with colonial architecture and others are homes.

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As expected and due to the area having enough space inside, all equipment or material will be storage within the project foot print. No other property or structure will be acquired or used for purposes of the construction and development of the project (Figure #1 on Page #38).


The entire visual effect of the proposed project is presented in map and described in table format starting on page #7 to page #18. This indirect (visual) effect is within the limits of the historic zone of Juana Díaz.

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Direct APE & Indirect Effect (Visual)


The viewshed was divided in 4 zones (A, B, C and D) for better understanding and described in the following pages (page #7 to page #17). General photos of the viewshed are presented on pages #82 to #86.

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|---|------------------|---|---|----------------------------|--|
| Refer to Section A on Key Plan on Page #7 | | | | | |
| Cadaster number: #366-029-024-09-001 Commercial Building #69 | 32'-0" x 42'-0" | In the Camión Maduro Street. In the north with #366-029-024-08 lot & building, in the south is Comercio Street, in the west is #366-029-024-19 lot & building, in the east is Camión Maduro Street. (Lat. 18.052906, Long. -66.506614). | Ca. 1880-1920 Neoclassic | Yes | Yes |
| Cadaster number: #366-029-024-08-901 Commercial Building #5 (Pepe's) | 41'-5" x 122'-9" | In the Comercio Street. In the north with 366-029-024-07 lot & building, in the south with #366-029-024-08 lot and building, in the west with #366-029-024-19 lot and building, in the east with Camión Maduro Street. (Lat. 18.053164, Long. -66.506591) | Ca. 1900 Art-Deco | Yes | Yes |
| Cadaster number #366-029-024-07-853 Commercial Building #7 La Ideal | 123'-0" x 73'-0" | In the Comercio Street. In the north with #366-029-024-06 lot and building, in the south with #366-029-024-08 lot and building. In the west with 366-024-22 lot and building. In the east with Camión Maduro Street. (Lat. 18.50658108 Long. -66.506581) | Ca. 1900 Neoclassic | Yes | Yes |

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|---|------------------|--|---|----------------------------|--|
| Refer to Section A on Key Plan on Page #7 | | | | | |
| Cadaster number #366-029-024-07 Commercial Building #9 Juana Diaz Cigar | 42'-0" x 125'-0" | In the Comercio Street. In the north with #366-029-024-06 lot and building. In the south with #366-029-024-08 lot and building. In the west with 366-024-22 lot and building. In the east with Camion Maduro Street. (Lat. 18.053245 Long. -66.524453) | Ca. 1880-1920 Neoclassic | Yes | Yes |
| Cadaster number #366-029-024-06 Religious- Iglesia Evangélica Unida | 81'-4" x 45'-0" | In the Comercio Street. In the north with #366-029-029-05 lot and building. In the south with #366-029-024-06 lot and building. In the west with 366-024-22 lot and building. In the east with Camion Maduro Street. (Lat. 18.053378 Long. -66.506511) | Ca. 1902 Medieval | Yes | Yes |
| Cadaster number #366-029-024-05-001 Museo de la Historia Juana Diaz | 81'-0" x 37'-0" | In the Comercio Street. In the north with F. Degetau Street. In the south with #366-029-024-06 lot and building. In the west with 366-024-22 lot and building. In the east with Camion Maduro Street. (Lat. 18.053547 Long. -66.506493) | Ca. 1818 Creole | Yes | Yes |

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| Refer to Section A on Key Plan on Page #7 | | | | | |
| Cadaster number #366-029-127-10-001 Commercial Building #15 Funaria Fermín Rincón | 32'-0" x 56'-6" | In the F. Degetau Street, in the north with #366-029-127-09 lot and building, in the south with F. Degetau street, in the west with 366-029-127-11 lot and building, in the east with Camión Maduro Street. (Lat. 18.053741 Long. -66.506510) | Ca. 1880-1920 Neoclassic | Yes | Yes |
| Refer to Section B on Key Plan on Page #7 | | | | | |
| Cadaster number #366-029-018-21-001 Commercial Building #27 Island Finance | 26'-0" x 44'-0" | In the F. Degetau Street, in the north with 366-029-018-01 lot and building, in the south with F. Degetau Street, in the west with Camión Maduro Street, in the east with 366-029-018-20 lot and building. (Lat. 18.05368 Long. -66.506299) | Ca. 1880-1920 Neoclassic | Yes | Yes |
| Cadaster number #366-029-018-20-001 Commercial Building #6 1 to 7 Store | 96'-0" x 37'-0" | In the F. Degetau Street, in the north with 366-029-018-02 lot and building, in the south with F. Degetau Street, in the west with #366-029-018-19, in the east with 366-029-018-20 lot and building. (Lat. 18.0536637 Long. -66.506213) | Ca. 1930 Art Deco | No | Yes |

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|---|-----------------|--|---|----------------------------|--|
| Refer to Section B on Key Plan on Page #7 | | | | | |
| Cadaster number #366-030-018-19-001 Commercial Building #31 Clinic Jelmap | 60'-0" x 42'-0" | In the F. Degetau Street. In the north with 366-029-018-03 lot and building, in the south with F. Degetau Street, in the west with #366-029-018-20, in the east with 366-030-018-18 lot and building. (Lat. 18.053554 Long. -66.505870) | Ca. 1950 Modern | No | No |
| Cadaster number #366-030-018-15-001 Commercial Building Mofongo Bowl | 40'-0" x 72'-0" | In the F. Degetau Street. In the north with 366-029-018-07 lot and building, in the south with F. Degetau Street, in the west with #366-029-018-16, in the east with 366-030-018-14 lot and building. (Lat. 18.053412 Long. -66.505527) | Ca. 1928 Art-Deco | Yes | Yes |
| Cadaster number #366-030-018-14-001 Residence #39 Casa Zambrana | 56'-0" x 82'-0" | In the F. Degetau Street. In the north with 366-029-018-07 lot and building, in the south with F. Degetau Street, in the west with #366-029-018-16, in the east with 366-030-018-14 lot and building. (Lat. 18.053397 Long. -66.505385) | Ca. 1890 Creole | Yes | Yes |

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| Refer to Section B on Key Plan on Page #7 | | | | | |
| Cadaster number #366-030-018-13-001 Commercial Building #41 Dr. Annette Martinez Diaz | 56'-0" x 72'-0" | In the F. Degetau Street, in the north with 366-029-018-08 lot and building, in the south with F. Degetau Street, in the west with #366-029-018-14, in the east with 366-030-018-13 lot and building. (Lat. 18.053356 Long. -66.505194) | Ca. 1940 Colonial/Modern | No | Yes |
| Cadaster number #366-030-018-12-001 Commercial Building #43 Dr. Robert Engel Ramos | 34'-0" x 68'-0" | In the F. Degetau Street, in the north with 366-029-018-11 lot and building, in the south with F. Degetau Street, in the west with #366-029-018-13 lot and building, in the east with Luis Muñoz Rivera Street. (Lat. 18.053288 Long. -66.505105) | Ca. 1920 Creole | Yes | Yes |
| Cadaster number #366-030-019-15-000 Residence | 34'-0" x 28'-0" | In the F. Degetau Street, in the north with Mario Brasoni Street, in the south with #366-030-019-16 lot and building, in the west with Luis Muñoz Rivera Street, in the east with #366-030-019-16 lot and building. (Lat. 18.053572 Long. -66.504789) | Ca. 1960 Modern | No | No |

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| Refer to Section B on Key Plan on Page #7 | | | | | |
| Cadaster number #366-030-019-16-000 Residence | 35'-0" x 30'-0" | In the Luis Muñoz Rivera Street. In the north with 366-029-019-15 lot and building, in the south with #366-030-019-02 lot and building in the west with Luis Muñoz Rivera Street, in the east with 366-030-019-12 lot and building. (Lat. 18.053427 Long. -66.504549) | Ca. 1950 Modern | No | No |
| Cadaster number #366-030-019-02-001 Residence | 30'-0" x 42'-0" | In the Luis Muñoz Rivera Street. In the north with 366-029-019-16 lot and building, in the south with #366-030-019-03 lot and building in the west with Luis Muñoz Rivera Street, in the east with 366-030-019-12 lot and building. (Lat. 18.053434 Long. -66.509065) | Ca. 1950 Creole | No | Yes |
| Cadaster number #366-030-019-03-000 Commercial Building JD Medical Group | 54'-0" x 54'-0" | In the Luis Muñoz Rivera Street. In the north with 366-029-019-02 lot and building, in the south with Luis Muñoz Rivera Street, in the west with Luis Muñoz Rivera Street, in the east with 366-030-019-12 lot and building. (Lat. 18.053215, Long. -66.504925) | Ca. 1976 Modern | No | No |

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| Refer to Section C on Key Plan on Page #7 | | | | | |
| Cadaster number #366-030-026-10-008 Commercial Building #70 Centro de Estilismo | 67'-9" x 74'-5" | In the Luis Muñoz Rivera Street. In the north with F. Degetau Street, in the south with #366-030-026-11 lot and building, in the west with Luis Muñoz Rivera Street, in the east with #366-030-026-12 lot and building. (Lat. 18.053017, Long. -66.504973) | Ca. 1920 Art-Deco | Yes | Yes |
| Cadaster number #366-030-026-11-007 Commercial Building Dr. Aurelio M. Collazo | 32'-6" x 68'-9" | In the Luis Muñoz Rivera Street. In the north with #366-030-026-10 lot and building, in the south with #366-030-026-14 lot and building, in the west with Luis Muñoz Rivera Street, in the east with #366-030-026-13 lot and building. (Lat. 18.052874, Long. -66.504988) | Ca. 1990 Modern | No | Yes |
| Cadaster number #366-030-026-15-001 Commercial Building #101 Centro Cardiovascular Juana Díaz | 137'-0" x 36'-0" | In the Luis Muñoz Rivera Street. In the north with #366-030-026-14 lot and building, in the south with Comercio Street, in the west with Luis Muñoz Rivera Street, in the east with Angel Mora Street. (Lat. 18.052611, Long. -66.505077) | Ca. 1920-1940 Colonial | No | Yes |

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| Refer to Section D on Key Plan on Page #7 | | | | | |
| 366-030-038-10-001 Government Building Clínica WIC | 40'-0" x 104'-0" | In the Comercio Street. In the north with Comercio Street, in the south with #366-030-038-12 lot and building, in the west with Luis Muñoz Rivera Street, in the east with #366-030-038-03 lot and building. (Lat. 18.052429, Long. -66.505134) | Ca. 1940 Colonial | Yes | Yes |
| 366-030-037-06-001 Commercial Building | 52'-0" x 58'-0" | In the Comercio Street. In the north with Comercio Street, in the south with #366-030-038-12 lot and building, in the west with Luis Muñoz Rivera Street, in the east with #366-030-038-03 lot and building. (Lat. 18.052429, Long. -66.505134) | Ca. 1930 Colonial | No | Yes |
| 366-030-037-07-001 Commercial Building Banco Popular | 45'-3" x 62'-0" | In the Comercio Street. In the north with Comercio Street, in the south with #366-029-037-09 lot and building, in the west with #366-029-037-06 lot and building, in the east with #366-029-037-08 lot and building. (Lat. 18.052475, Long. -66.505458) | Ca. 1960 Modern | No | Yes |

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| 366-030-037-06-001 Commercial Building Wilma's Distributors | 50'-0" x 65'-6" | In the Comercio Street. In the north with Comercio Street, in the south with #366-029-037-13 lot and building, in the west with #366-029-037-05 lot and building, in the east with #366-029-037-07 lot and building. (Lat. 18.052478 Long. -66.505592) | Ca. 1950 Colonial | No | Yes |
| 366-029-037-05-001 Commercial Building Estacionamiento Municipal | 75'-0" x 142'-0" | In the Comercio Street. In the north with Comercio Street, in the south with #366-029-037-14 lot and building, in the west with #366-029-037-04 lot and building, in the east with #366-029-037-06 lot and building. (Lat. 18.052548 Long. -66.505787) | Ca. 2004 Modern | No | No |
| 366-029-037-04-001 Commercial Building G&K Beads | 54'-0" x 80'-0" | In the Comercio Street. In the north with Comercio Street, in the south with #366-029-037-15 lot and building, in the west with #366-029-037-03 lot and building, in the east with #366-029-037-05 lot and building. (Lat. 18.052592 Long. -66.505781) | Ca. 1880-1920 Neoclassic | Yes | Yes |

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| Refer to Section D on Key Plan on Page #7 | | | | | |
| 366-029-037-03-001 Commercial Building Janellys Kitchen | 65'-3" x 76'-9" | In the Comercio Street. In the north with Comercio Street, in the south with #366-029-036-16 lot and building, in the west with #366-029-037-02 lot and building, in the east with #366-029-037-04 lot and building. (Lat. 18.052632 Long. -66.506140) | Ca. 1880-1920 Neoclassic | Yes | Yes |
| 366-029-037-01-001 Commercial Building Supermercado Mi Gente | 50'-0" x 50'-0" | In the Comercio Street. In the north with Comercio Street, in the south with #366-029-036-17 lot, in the west with Mariano Abri Street, in the east with #366-029-037-02 lot and building. (Lat. 18.052657 Long. -66.5064414) | Ca. 1880-1920 Neoclassic | Yes | Yes |
| 366-029-037-02-001 Commercial Building Para Ti Calzado | 48'-0" x 75'-6" | In the Comercio Street. In the north with Comercio Street, in the south with #366-029-036-17 lot, in the west with #366-029-037-01 lot and building, in the east with #366-029-037-03 lot and building. (Lat. 18.052633 Long. -66.506300) | Ca. 1880-1920 Neoclassic | Yes | Yes |

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| Refer to Section D on Key Plan on Page #7 | | | | | |
| 366-029-036-06-001 Commercial Building | 40'-6" x 52'-0" | In the Comercio Street. In the north with Comercio Street, in the south with #366-029-036-11 lot and building, in the west with #366-029-036-35 lot and building, in the east with #366-029-036-09 lot and building. (Lat. 18.05269718 Long. -66.506618) | Ca. 1880-1920 Neoclassic | Yes | Yes |
| 366-029-036-09-001 Commercial Building Puerta 70 Bar y Tapas | 61'-0" x 64'-9" | In the Comercio Street. In the north with Comercio Street, in the south with #366-029-036-10 lot and building, in the west with #366-029-036-08 lot and building, in the east with Mariano Abril Street. (Lat. 18.052684 Long. -66.506679) | Ca. 1880-1920 Neoclassic | Yes | Yes |


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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 Román Baldorioty De Castro Public Square has archeological value due to the association with the formation, the foundation and urban development of the municipality of Juana Díaz.

Based on research and data obtained from the Institute of Puerto Rican Culture and the State Historic Preservation Office, it is demonstrated that eight previous cultural studies were carried out within a 0.25-mile radius of the APE project. Three were positive due to the presence of cultural materials: (Figure #6 on Page #43).


| Study Identification | Type | Author | Results & Recommendations | Distance and direction from the Project |
|--|----------|-------------------------|--|---|
| ICP/CAT-JD-03-10-06 (Infrastructure, Improvements to the Sidewalks and Furniture of The Urban Center of Juana Díaz) 2003 | 1A Phase | Marisol J Melendez Maíz | Positive- the report indicates that practically the entire extension of the project is in potential for significant archeological finds. | .01 miles approx. Direction: Streets of the urban center of Juana Díaz |
| ICP/CAT-JD-07-12-06 (Overpass PR-149 over PR-14) 2007 | 1B Phase | Norma Medina Camillo | Positive-The ATC is recommended to study possible avenues for the protection of the identified elements. | .19 miles approx. Direction: PR-149 Street and PR-14 Street in Juana Díaz. |

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| Study Identification | Type | Author | Results & Recommendations | Distance and direction from the Project |
|---|----------|---|--|--|
| 07-16-86-01 (Juana Diaz Trunk Sewer) 1986 | IB Phase | José A. Battle & Associates, Engineering Consultant | Positive-An archaeological site was located on the land. It is recommended to move the asphalt strip and do the tests. If archaeological resources are located under the pavement, then phase II is recommended. | .19 miles approx. Direction: Route 300, State Road No. 1 Route 700, Juana Diaz, PR. |
| ICP/CAT-JD-94-04-08 (Construcción de Edificio) 1994 | IB Phase | Juan González Colón | Negative- It is recommended that the corresponding government agencies allow the construction of the project as the proponents have planned. | .11 miles approx. Direction: Tomas Carrion Maduro Street, corner, callejón Street, Juana Diaz PR. |
| ICP/CAT-JD-99-11-01 (Construcción del Parque Turístico Pasivo Lago Cristina) 1999 | IB Phase | Harry Alemán Crespo | Negative- The documentary investigation does not show evidence of prehistoric or historical sites or deposits in the project area. The field inspection as well as the test wells offered negative results. | .25 miles approx. Direction: Juna Diaz Industrial Park, 584 Street, Juana Diaz PR |


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| Study Identification | Type | Author | Results & Recommendations | Distance and direction from the Project |
|---|--------------|---------------------|---------------------------|---|
| 01-21-05-09 (Construcción Nuevo Sistema Sanitario y Drenaje Pluvial) 2004 | IA-IB Phases | Harry Crespo Alemán | Negative | .12 miles approx. Direction: Carrión Maduro Street, Bo. Amuelas, Juana Diaz, PR. |
| 04-21-04-07 (Construcción de Parque El Sueño del Niño, Escuela y Centro de Bellas Artes, Bo. Pueblo, Juna Diaz, PR) 2004 | IA-IB Phases | Harry Crespo Alemán | Negative | .21 miles approx. Direction: 592 Street, Muñoz Rivera Street, Bo. Esperanza, Juana Diaz, PR. |
| 10-22-02-01 (Construcción de Estacionamiento Municipal entre Calle Comercio y Dr. Vevé, Bo. Pueblo, Juana Diaz, PR) 2003 | IA-IB Phases | Harry Crespo Alemán | Negative | .01 miles approx. Direction: #88-98 Comercio Street, Juana Diaz, PR |

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Based on the research and data obtained from the Institute of Puerto Rican Culture and the State Office of Historic Preservation and following the quarter mile project extension, the Previous Recorded Cultural Resources are the following:

| Previous Recorded Cultural Resources | Deposit | Cultural Context | Distance and direction from the Project |
|---|---------------------------------------|--|---|
| Iglesia San Juan Bautista & San Ramón Nonato JD200001 SHPO | Historical, Constitutional, Religious | XIX Century. The building was built circa 1846 and represents great historical and cultural value. It's a great example of urban planning with urban infrastructure of the XIX century. The San Juan Bautista & San Juan Ramón Nonato de Juana Diaz is included in the National Register of Historic Places (NRHP) since 10/December/1984. | Inside of the Roman Baldorioty De Castro Public Square Direction: Comercio Street, corner Muñoz Rivera Street, Juana Diaz PR |
| Escuela Manuel Fernández Juncos JD200001 SHPO | Historical, Institutional | XX Century. The building was built in 1904. The school has 24 classrooms. The structure has had several modifications. The structure merits listing on the National Register of Historic Places (NRHP) under Criterion C for its style of architecture that represents a period type, or method of construction. | .15 miles approx. Direction: #123 Comercio Street, Juana Diaz, Puerto Rico |
| Carretera Central (Former Military Road) SG10003686 | Historical Transportation | XIX Century. Former Military Road), with its historic course built between 1846 and 1886, is a stretch of asphalted road of the hundred and thirty-four (134.7 kilometers in length that crosses Puerto Rico in a winding north to south direction connecting the island's northern capital, San Juan, to the southern city of Ponce. | .01 miles approx. Direction: PR-1 from Km. 40 to Km 55.4/ PR-735 from Km. 0.0 to Km. 2.5/PR-14 from Km. 10.0 |

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Pre-Columbian Context:

Regions that include the municipalities of Salinas and Ponce, which also include the municipalities of Coamo, Santa Isabel and Juana Díaz, have always been considered to be of high archaeological importance. Situated at the interface of the Southern Coastal Plain and the Mountainous Interior physiographic provinces, these municipalities are uniquely situated, bordered by foothills to the north and the Caribbean Sea to the south. Pre-Columbian cultures occupied the region contiguously, including Archaic, Saladoid, Pre-Taina (Ostionoid), and Taina (Chicoide).

Within the municipality that includes Juana Díaz, more than fifteen pre-Columbian sites have been reported. None of these are within the quarter-mile radius of the project. Among these, the cave of petroglyphs and pictographs called Cueva Lucero (JD-5) stands out, located in the BO. Guayabal, near the marble extraction quarries, north of the municipality. In the early 1990s, archaeologist Virginia Rivera Calderón identified preceramic remains on BO lands. Sabana Llana Abajo, about 2 kilometers from the coast of the Caribbean Sea, during the inspection required by the State Historic Preservation Office (SHPO). According to the archaeologist, it is not common to find pre-ceramic sites in these areas of the island's interior, but her discovery showed that these ancient groups traveled through areas far beyond the coastal coastlines that border the Caribbean Sea.

The best known and most extensive of the indigenous sites of Juana Díaz is that of Collores (JD-6), located on the banks of the old road to Collores, in the Cayabo wards, right at the beginning of semi-ardian hills. Collores was partially excavated by Froelich Rainey in 1940 and Irving Rouse in 1952, as part of the Scientific Survey of Puerto Rico sponsored by the New York Academy of Sciences. Then, in 1980 it was the subject of additional research by archaeologist Miguel Rodríguez, as part of a Master's thesis from the Center for Advanced Studies of Puerto Rico and the Caribbean. Collores materials reflect a Late Saladoid occupation with Cuevas Style ceramics (400-600AD), and an Early Ostionoid occupation with ceramics of the Ostionoides Puro and Monserate styles (600-900AD). Some PRE-Taino sites reported along the coast of the Caribbean Sea, during the archaeological studies required of the Sanitary System of the Capitajeno and Potala-Pastillo Rural Community in recent years. They are mostly small deposits of simple and undecorated Ostionoid shells and ceramics, whose inhabitants lived and exploited the mangrove and swamp areas near the coast.

Furthermore, it is recognized that ceramic sites of the Esperanza and Boca Chica styles have been identified in Juana Díaz, both belonging to the Chicoide Series (Chican Ostionoid Sub Series), associated with the Taino Culture, between the years 1200 to 1500AD. Two of these sites, Ollas Hondas (JD-3) being in low hilly areas, and Guayabal (JD-4) being in mountainous areas. In these two sites, the possible existence of already destroyed bateyes is pointed out,


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thus affirming their archaeological importance. These sites are outside the scope of the public plaza of Juana Díaz, which is the project proposed and outlined in the documentation, which does not represent any risk of impact, but it is recognized that within the jurisdiction of Juana Díaz there is archaeological importance present.

It is important to note archaeological studies close to the proposed project that have shown the archaeological importance in Juana Díaz.

PR-149 overpass over PR-14 (ICP/CAT-JD-07-12-06): For the year 2007, Norma Medina Carrillo submits a Phase IB study for the construction of the PR-149 highway overpass over the PR-14 highway, located in the Pueblo Sur wards of the municipality of Juana Díaz. The archaeological evaluation is limited to a corridor fifty meters wide and half a kilometer long, on both sides of the PR-149 right of way. The project begins at KM 67.49 and ends at KM 68.3 of the PR-149 highway. The purpose of the Phase IB archaeological study was to carry out archaeological tests on the soil of the property under study with the purpose of investigating whether any archaeological resources were located on the land. Within the methodology to carry out the studies, excavation machinery was used. A 12-inch-wide digging shovel is used with a depth of 12 meters deep. This, in an alluvial fence area that corresponds to the Jacaguas River. These [deep tests] allowed us to examine the natural soil of the study corridor through the fill layer. Of the 12 trenches carried out, negative results were obtained for the presence of materials of cultural interest. However, an old railroad bridge was identified that is located on La Vía street, marginal to the PR-149 highway. The second element found was a historic mortar wall located on the marginal street, west of Highway PR-149, corresponding to the old Juana Díaz cemetery dating back to 1798. In conclusion, it was recommended that the pertinent agencies of the Authority Highways and Transportation that will travel with the regulatory offices of Cultural Heritage of Puerto Rico for the pertinent protection of the findings found. The location of the places where these Phase IB archaeological studies were carried out are located at a distance of approximately 300 meters from the proposed project of the Remodeling of the Juana Díaz Public Plaza.

Juana Díaz Trunk Sewer Route 300 State Highway No. 1 Route 700 (07-06-86-01): For the year 1986, Antonio Daubón Vidal submitted a Phase IB archaeological report for the Route 300-700 Trunk Sewer project, on Highway Number 1 in Juana Díaz. The section of the road and Trunk Sewer project comprises approximately 13,850 linear meters. Of these 7,848 are within the jurisdiction of Juana Díaz. The beginning of the Juana Díaz Trunk Sewer route begins at the M.H. 300, at the intersection of PR-14 and Vias Street until it ends at M.H. 700. The line runs next to Vias Street and the intersection of the PR-149 highway at the M.H. 305. From the M.H. 305 line runs next to PR-149 and Vias Street until reaching H.H. 328. From the M.H. 328 line runs next to PR-5510 (formerly PR-5101), until the intersection with PR-1, where the project ends. The purpose of the study was to identify if significant cultural resources from the prehistory or history of Puerto Rico existed within the development area. During the field inspections, several cultural


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resources were identified within the section of the Trunk Sewer project between Juana Díaz and Ponce of the PR-1 highway. Aboriginal potsherds were found between stations 24+62.00 (MH 329) and station 26.00. A preliminary buffer zone was delineated between two stations to establish the extent of ceramic deposits on the surface. This buffer zone was established as follows: Transect A was established 25 meters northeast of station 26+00 along the same direction as the inverted siphon.

Yellow flags with wire stakes were placed next to the location of each ceramic sherd found to delimit the space. Within transect A, distance and angles for each particular pot site were established in a pattern circular. After the buffer zone was established, stadimetric measurements were taken to establish the size of the buffer zone. Once the plan sheet (R-1) was created, the limit of the waste area was established using the Planix 8 digital Planner. A section of 19th century irrigation canal was also found between those two stations and built as R-3 resources. Another section of irrigation system from the XIX century was found between stations 30.67 and station 33+34. It was identified that some of the 171-meter-long canal will affect the construction of the Juana Díaz Trunk Sewer along the highway segment (PR 5510- from station 31+63 to station 33+34).

The Juana Díaz Trunk Sewer was identified as crossing between the XX century railroad tracks at station 73+78. In addition, it would cross between the train tracks at station 0+75. All test wells were drilled at intervals of 50 meters and drilled to a depth of 50 to 60 cm deep. The undertaking is located in reference to station numbers or manholes following the proposed route of the line. In conclusion, aboriginal traces were found between stations 25+75 and 26+00 of Juana Díaz T.S. A strip of asphalt (58 meters long by 12.5 meters wide) separated this deposit in half. It is recommended that the asphalt strip be removed and a series of test pits made using a grid-type pattern to identify any buried deposits. Controlled surface harvesting should be implemented. Only if the resources are below asphalt pavement, then a Phase II is recommended for the R-1 resource.

For resource R-2 (Irrigation Canal) that was found between station 60+67 and station 33+34, a realignment of the Trunk Sewer was recommended for stations 30+67 and station 33+34. This to avoid possible damage to this resource. The line must be realigned across the south corner of PR-5510. For resource R-3 (Irrigation Channel), although it is close to the Trunk Sewer, it will not be impacted by the construction of the line, so no recommendation was issued for this matter. The location of the places where these Phase IB archaeological studies were carried out are located at a distance of approximately 300 meters from the proposed project of the Remodeling of the Juana Díaz Public Plaza.

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Historic Context

The municipality of Juana Díaz is located on the South coast of the Island of Puerto Rico. It limits to the north with Jayuya and Villalba, to the west with Ponce, to the east with Villalba, Coamo and Santa Isabel and to the south with the Caribbean Sea. The Jacaguas River runs through its lands, rising near Orocovis and emptying into the Caribbean Sea. The neighborhoods that make it up are Pueblo Este, Pueblo Norte, Pueblo Oeste, Pueblo Sur, amuelas, Callabo, Capitanejo, Cintrona, Collores, Emajagual, Guayabal, Jacaguas, Lomas, Río Cañas Abajo, Río Cañas Ariba, Sabana Larga and Tijeras. On August 25, 1793, the town of Juana Díaz was founded. This happens after numerous efforts carried out by the citizens of the town. Historians agree that the land of Juana Díaz was fertile for agriculture and due to the richness of its water sources such as the Guayanes River. This was beneficial for the first settlers before the founding of the town.

Although it is true that at that time, Spanish regulations required having a church, a plaza and a king's house for the founding of a town, after studying the available documentation of Juana Díaz, in the historical archives of Puerto Rico, the first memories that are shared about the municipal plaza date back to 1854, where it is described as having a square geometry and an extension of 4 "cuerdas" (3.88 acres). This, after the founding of the municipality in 1798, which by that date should have had a delimited area for the plaza.

We can think that the land where the Juana Díaz public plaza was located was part of a land used by ancient settlers for agriculture. This is because the first settlers of Juana Daiz, before its founding, were dedicated to agriculture and animal husbandry. The plaza was centered between Santiago and Vida streets, thus showing itself in the old plans of the urban configuration of Juana Díaz (Figure #9 on Page #46).

In 1863, the government tried to build an archway on the surrounding sidewalks that border the square's land. They tried to build this arch but it was not successful since the streets of the town were not wide enough for its construction. A resident of the town, Mr. Diego Escríbi, apparently and defying the laws, built the sites of the arch corresponding to the house next to the missing king's house (Calle Carrión Maduro). This action not only invaded the sidewalks, but also his house invaded part of the flattened square. This act ended in controversy between the citizen and the municipal government, requiring that the property be realigned, taking the King's House as a reference. That moment marked a great event in the history of Juana Díaz, since it was when the government began to require residents to fix the facades of their residences to create a common reference plane along the streets of the square. From then on, he was forced to destroy those balconies that projected over the sidewalk, hindering or breaking its order.


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According to Juan Manuel Úbeda, the wealth of the town of Juana Díaz can be associated with the conditions of the town's architectural structures. At that time, the town had a beautiful square and a fountain supplied by an aqueduct. A tree-lined perimeter defined its enormous length. According to the source of information, the Gaceta de Puerto Rico, this fountain had been auctioned in 1867 and its construction was built a year later. Manuel Ubeda describes that the public square was rectangular surrounded by trees. By this date it is known, as seen in the old photos, that the plaza was already cemented in a rigid concrete construction on the ground (Figure #16 on Page #53).

By 1882 it is known that remodeling was carried out in the square, integrating more spaces of vegetation, but the fountain and related elements such as its infrastructure remained unchanged. According to the information obtained by the National Library of Puerto Rico, the existence of the fountain and the aqueduct are evidenced in them (Figure #16 on Page #53). In addition, its gardens are evident and preserved. The public square of Juana Díaz is named Román Baldorioty de Castro. Previously was known as Alfonso XII. The name change was granted during 1894 when the queen regent, Doña María Cristina of Austria, granted the port of Juana Díaz the honorable title of town for its progress in agriculture and development in commerce. That royal distinction was issued and dated in Madrid. Years later, on December 10, 1898, when the change of sovereigns occurred, this place was named after Roman Baldorioty de Castro, in this way the presence of the illustrious Puerto Rican was honored. Photos of the public square between 1917 and 1926, after the change of sovereignty, it can be seen (Figure #16 on Page #53 & Figure #17 on Page #54).

Until 1961 the geometry of the square and its integrity were not altered (Figure #10 on page #47, Figure #11 on Page #48, Figure #12 on Page #49 & and Figure #13 on Page #50). Its square geometry with balanced vegetation can be observed as a notable feature, located in the middle of the urban center (Figure #17 on Page #54, Figure #18 on Page #55, Figure #19 on Page #56, Figure #20 on Page #57 and Figure #21 on Page #58). The state of the square changes thanks to the reforms that continued in the following years. By 1962, the plaza was remodeled and part of its integrity was affected. Much of its flattened geometry on the west side was disrupted. This part of the plaza is transformed into a parking area. These changes may be associated with the changes and urban growth of the area over time (Figure #14 on Page #51). The north and south ends also underwent substantial changes in the 1970s, continuing with the vision of space, needs and modernism, more parking stations were created. Some parking lots were created on the sides of the church, which ended up taking away even more of the geometry of its beginnings in the plaza.

Currently on the left side, looking towards the mayor's office, is the monument dedicated to the hero Luis Llorens Torres and in front, the monument of the Three Wise Men.

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This monument is located to the west of the square and is a sculpture created in honor of the three races. It was made by Naldo de la Loma and is composed of a fiberglass material. It was revealed on January 6, 1986 (Figure #24 on Page #61).

A good memory of the plaza for the 1980s with its architectural components, its central fountain, the parking areas and its vegetation, can be seen in figure #22 on page #59, obtained from the General Library of Puerto Rico.

Other attractions that the square has are its gardens, its vegetation and the cannon whose origin is unknown and has remained in different places in the public square. It is believed that it was left in the plaza after the Spanish-American War. The Juna Díaz plaza, currently made of durable concrete material with a rectangular space, has a capacity of 6,000 people and was remodeled in 1996 where it once again had an architectural style similar to that of the XIX century, but now, intervened and with an altered geometry, at its ends integrating 4 water sources (Figure #24 on Page #61) and reduced to have a parking area (Figure #15 on Page #52 & Figure #23 on Page #60). In addition, ornamental elements such as light banks and others were replaced.

For the streets surrounding the square (Tomas Maduro Street, Muñoz Rivera, Degetau, Comercio) as well as Santiago Veve Street, in 2003, a project was created to bury the power lines, telephones and cable TV, with their registers and components. In addition to demolitions and reconstruction of streets and sidewalks with lighting installations, among other tasks. It must be remembered that Calle Comercio, between the Carrion Maduro Street intersection and the Museo de los Reyes (Km. 14.6), is part of the Central (Military) highway on its route from Coamo to Ponce, which is included in National Register of Historic Places.

In the surroundings of the square, the diversification of the architectural contrast of its structures. They are visible remains of the XIX and XX centuries. In all the streets surrounding the square as well as in its adjacent streets, structures have been developed in the businesses that are part of the urban center. To the west of the square is the municipal mayor's office. This beautiful 2-story structure is located next to the public plaza. It was acquired in 1896 to establish the Municipal Town Hall. Originally belonging to the Franceschi family, they were 2 houses of great Spanish architectural influence. To the north is the church of San Ramón Nonato, built in 1788. To the east and south, the square is surrounded by businesses, government structures and homes of great historical value. It is important to highlight that the Romana Baldorioty de Castro square receives the long-awaited celebration of the Three Wise Men of Juana Díaz every year. A tradition of Juna Díaz and all of Puerto Rico of more than 100 years of celebration.


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Summary

Following the criteria of the Spanish regulations for the founding of a town, the area that forms the public square of Juana Díaz must have been located in the center of the town, since the founding of the municipality Ca.1793. The first news of the existence of the square with a brief description of it corresponds to the year 1854. One of the surrounding structures, adjacent to the plaza, is the Parroquia San Ramón Nonato. This structure is outside the scope of the project, but within the APE. Also, within the viewshed, south of the plaza, is the Central Highway (PR-14-Calle Comercio), which is on the National Register of Historic Places (NRHP). Original sidewalks and pavements from the construction of the Central Highway could still remain. In addition to elements related to old utilities, such as drains, or infrastructure. In the vicinity of the square there are several buildings with historical value.

Within the proposed project for the remodeling of the Rehabilitation of Plaza Román Baldorioty de Castro, there will be excavations that will be carried out throughout its area. Although it has already been shown that inside and outside the square, in the urban area of Juana Díaz, impact projects have been carried out that have disturbed its terrain, we cannot specify the scope of these works in relation to possible pre-Columbian or historical resources that could still be found. Original sidewalks and pavements from the construction of the Central Highway. Historical elements for the municipality's water management related to the old aqueduct could still be present. The location of the square surrounds several buildings with historical value and within its area it houses the historic San Ramón Nonato Church that dates back to 1798. These characteristics of time and location of the square are conducive to finding materials or foundations of XVIII-XIX century structures as part of the excavations and works of the proposed project.

It is important to attend to and ensure possible pre-Columbian resources that may be under ground, as well as historical materials or structures that we understand are evident, knowing the history of the town of Juana Díaz.

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Identification of Historic Properties - Architecture


Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by the Program contracted Historic Preservation Specialist meeting the Secretary of Interior's Professional Qualification Standards (36 CFR Part 61), shows that within the APE, there is the Church of San Juan Bautista & San Ramón Nonato de Juana Díaz, included in the National Register of Historic Places (NHRP) and it's within the eligible Traditional Urban Center of Juana Díaz (Figure #38 on page #75). This church is inside of the direct APE, but is not part of the proposed project "Rehabilitation to the Román Baldorioty De Castro Public Square".

According to the information obtained from the municipality of Juana Díaz and the architects in charge of the design, the project only impacts the footprint of the aforementioned site. Considering that the Roman Baldorioty de Castro Plaza is a contributing element to the Traditional Urban Center of Juana Díaz and eligible under Criteria A and C, all measures will be taken to ensure that the improvements are built in harmony with the urban area and historical heritage existing. To date, at the local level, the San Ramón Nonato de Juana Díaz Church is the only property locally registered in the Official Registry of Historical Sites and Areas. Currently, the State Historic Preservation Office (SHPO) is working on preparing an inventory of eligible properties for the 78 municipalities of Puerto Rico, including structures located within the quarter-mile extension of the Improvements to Rehabilitation to the Román Baldorioty De Castro Public Square.

Based on the research and data obtained from the Institute of Puerto Rican Culture and the State Office of Historic Preservation and following the quarter mile project extension, The Previous Recorded Cultural Resources are;

Church San Juan Bautista & San Ramón Nonato de Juana Díaz: According to researches revised by Hernan Bustelo in 2016 and according to the official number JD0200001 of the State Historic Preservation Office, located in the Juana Díaz Puerto Rico and it's a previous cultural resource of the XIX century. The building was built circa 1846 and represents great historical and cultural value. It's a great example of urban planning with urban infrastructure of the XIX century. The San Juan Bautista & San Juan Ramón Nonato de Juana Díaz is included in the National Register of Historic Places (NRHP) since 10/December/1984. The structure is located inside of the Román Baldorioty De Castro Public Square.

Escuela Manuel Fernandez Juncos: According to researches by Luis Pumarada and revised by Hernan Bustelo in 2016, and according to the official number JD0200002 of the State Historic Preservation Office, located in Comercio Street #123 in Juana Díaz Puerto Rico, is previous


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cultural resource of the XX century. The building was built in 1904. The school has 24 classrooms. The structure has had several modifications. The structure merits listing on the National Register of Historic Places (NRHP) under Criterion C for its style of architecture that represents a period type, or method of construction. The structure is .15 miles from the proposed project.


Carretera Central (Former Military Road), with its historic course built between 1846 and 1886, is a stretch of asphalted road of the hundred and thirty-four (134.7 kilometers in length that crosses Puerto Rico in a winding north to south direction connecting the island's northern capital, San Juan, to the southern city of Ponce. The XIX century engineering runs from the coastal plains of the Atlantic Ocean to the coastal plains of the Caribbean Sea, cutting its way throughout some of the most challenging terrain, topographically and scenery wise, in the high mountains of the Cordillera Central. Along its path, the Carretera Central connects San Juan, the town of Río Piedras, the municipalities of Caguas, Cayey, Aybón, Coamo, Juana Díaz and Ponce. The Carretera Central, a linear district, is composed of several contributing resources, among these, the road itself, bridges, historic sewers, and Casillas de camineros. Carretera Central is included in the National Register of Historic Places (NRHP) since 02/May/2019. It is identified by the State Historic Preservation Office with the number SG100003686. It is located .01 miles to the proposed project.

There are additional structures with historical value within the visual APE that should be noted (Figure #25 on Page #62).


| Building | Address | Cultural Context | Condition | Distance of the Project | Individually Eligible NRHP | Contributing to the Traditional Urban Center |
|--|---|------------------|-----------|-------------------------|----------------------------|--|
| 1) #366-029-024-09-001 Commercial Building | Carrión Maduro Street #69, Juana Díaz PR | XIX-XX | Good | .01 | Yes | Yes |
| 2) #366-029-024-08-901 Commercial Building | Carrión Maduro Street #5, Juana Díaz PR | XX | Good | .01 | Yes | Yes |
| 3) #366-029-024-07-853 Commercial Building (#9) | Carrión Maduro Street #7, Juana Díaz Puerto Rico | XX | Good | .01 | Yes | Yes |
| 4) #366-029-024-07-853 Commercial Building (#7) | Carrión Maduro Street #9, Juana Díaz Puerto Rico | XIX-XX | Good | .01 | Yes | Yes |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
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| Building | Address | Cultural Context | Condition | Distance of the Project | Individually Eligible NRHP | Contributing to the Traditional Urban Center |
|--|-------------------------------------|------------------|-----------|-------------------------|----------------------------|--|
| 5) #366-029-024-06-000 Religious - Church | Camion Maduro Street, Juana Diaz PR | XX | Good | .01 | Yes | Yes |
| 6) #366-029-024-05-001 Government Building | Camion Maduro Street, Juana Diaz PR | XIX | Good | .01 | Yes | Yes |
| 7) #366-029-127-10-001 Commercial Building | Camion Maduro Street, Juana Diaz PR | XIX-XX | Good | .01 | Yes | Yes |
| 8) #366-029-018-21-902 Commercial Building | Degetau Street #27, Juana Diaz PR | XIX-XX | Good | .01 | Yes | Yes |
| 9) #366-029-018-20-001 Commercial Building | Degetau Street, Juana Diaz PR | XIX-XX | Good | .01 | No | Yes |
| 10) #366-030-018-18-001 Commercial Building | Degetau Street, Juana Diaz PR | XIX | Good | .01 | Yes | Yes |
| 11) #366-030-018-17-000 Mayor's House | Degetau Street, Juana Diaz PR | XX | Good | .01 | Yes | Yes |
| 12) #366-030-018-15-001 Commercial Building | Degetau Street #37, Juana Diaz PR | XX | Good | .01 | Yes | Yes |
| 13) #366-030-018-14-001 Residential | Degetau Street #39, Juana Diaz PR | XX | Bad | .01 | Yes | Yes |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
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| Building | Address | Cultural Context | Condition | Distance of the Project | Individually Eligible NRHP | Contributing to the Traditional Urban Center |
|--|---|------------------|-----------|-------------------------|----------------------------|--|
| 14) #366-030-018-12-001 Commercial Building | Degetau Street #43, Juana Diaz PR | XX | Good | .01 | Yes | Yes |
| 15) #366-030-026-10-008 Commercial Building | Luis Muñoz Rivera Street, Juana Diaz PR | XX | Good | .01 | Yes | Yes |
| 16) #366-030-26-14-001 Commercial Building | Luis Muñoz Rivera Street #64, Juana Diaz PR | XX | Good | .01 | No | Yes |
| 17) #366-030-026-15-901 Commercial Building | Luis Muñoz Rivera Street #21, Juana Diaz PR | XX | Good | .01 | No | Yes |
| 18) #366-030-037-08-001 Commercial Building | Comercio Street, Juana Diaz PR | XIX-XX | Good | .01 | No | Yes |
| 19) #366-029-037-03-001 Commercial Building | Comercio Street #78, Juana Diaz PR | XIX-XX | Good | .01 | Yes | Yes |
| 20) #366-029-037-02-001 Commercial Building | Comercio Street #27, Juana Diaz PR | XIX-XX | Excellent | .01 | Yes | Yes |
| 21) #366-029-043-24-901 Commercial Building | Comercio Street, Juana Diaz PR | XIX-XX | Excellent | .01 | Yes | Yes |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
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| Building | Address | Cultural Context | Condition | Distance of the Project | Individually Eligible NRHP | Contributing to the Traditional Urban Center |
|---|--------------------------------|------------------|-----------|-------------------------|----------------------------|--|
| 22) #366-029-036-09-001 Commercial Building | Comercio Street, Juana Diaz PR | XIX-XX | Excellent | .01 | Yes | Yes |
| 23) 366-030-025-02-000 Religious - Church | Comercio Street, Juana Diaz PR | XVIII | Excellent | Inside APE | Listed | Yes |
| 24) PR-14 (Carretera Central) | Comercio Street, Juana Diaz PR | XIX | Good | .01 | Listed | Yes |


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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
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Determination

The first reference to the existence of the Plaza de Juana Díaz corresponds to a geometric description of it and its geographical extension dating back to 1854. How the town was founded in 1793 and knowing the Spanish regulations for the founding of a town at that time, it is likely that the informal space of the plaza was established at that time. According to our investigations and as demonstrated by the plan made by Niceto Blajas Iglesias in 1864 and the archives that refer to the square, the square was already located in the urban center of Juana Díaz by 1863. By this date the municipality already had at least 10 streets starting from the center of the square towards its surroundings.

By 1867, the square already had a fountain with all its water mechanisms to operate. Urban regulations and restrictions in the town of Juana Díaz changed when citizen Escribá took part of the plaza and installed the arcadia. This caused the government to change the pattern of the facades of the houses and buildings surrounding the square and the town. Since its construction, Plaza Ramón Baldorioty de Castro has undergone several renovations beginning in 1882. This remodeling did not change its geometry or its architectural characteristics. It is known that even its source did not undergo any changes. In fact, the geometry of the plaza did not change for the first four decades of the XX century. By 1962, the plaza, once again, was remodeled, but in this case, its geometry and architecture was altered for the western part of it to create parking lots. Something similar happened in the 1970s when the plaza was remodeled again and this time new parking lots were created on the sides of the Church.


In 1986, another remodeling was carried out and on the west side an area was created to recognize the Three Holy Wise Men. In 1996, the square was remodeled but this time the municipality intended that the improvements would aim to return to the square as it was known in the XIX century. Previous constructions in the area disturbed the soils, but the possibility of finding prehistoric or historical components is present knowing the location of Juana Díaz, to the south of the square is the historic Central Street (Calle del Comercio), the old Ramón Nonato Paris, is located to the east and the old houses that lined the square in the past.

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
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The following historic properties have been identified within the APE:

- **Direct Effect:** It has been identified that the public square Román Baldorioty De Castro of Juana Díaz (Lot #366-030-025-01-000) is located within the Traditional Urban Center and is individually eligible. It contains urban, cultural, archeological resources and scenic value within the town of Juana Díaz and Puerto Rico, being eligible to be included in the National Register of Historic Places (NRHP) under the Criteria A and C.
- **Indirect Effect:** Visual effects to the surrounding properties, as well as for the San Ramon Nonato church already listed on December 10, 1984, in the National Register of Historic Places. The parish is not part of the direct, but indirect APE. No construction work will be carried out there and measures will be established to protect the parish during construction, such as delimit the project area to separate the construction works from the parish, installing safety signage, controlling access to the interior of the APE, orientation to staff, and always having good supervision at all times.

Based on the results of our historic property identification efforts, the Program has determined that project actions will not adversely affect the historic properties that compose the Area of Potential Effect. While there will be some changes to the plaza, new additions will not impact the integrity of the historic space. The new ATM will be at the far corner, adjacent to the mechanical room and beside the western parking lot. While it will be slightly taller than the existing mechanical room, the design should be complementary to other concrete buildings around the plaza. The new pergola, to be situated between existing trees on the north side of the church should not impact the view due to the existing trees that surround it. The monument base that will be rebuilt at the western end of the plaza will be taller than the existing monument base by four feet (currently 9 feet versus proposed 13 feet) and slightly less wide, however, the opening allowing visitors to look across the plaza towards the church will in fact will increase from seven feet to ten feet allowing a bigger "picture" of the plaza from that viewpoint. Regarding archaeology, PRDOH is aware of the potential for buried deposits from the continual use of the plaza since its original construction. Because of this, archaeological monitoring is recommended during all ground disturbing activities.

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
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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: Archeological monitoring is recommended due the nature of the construction works, the place and the potential of findings previous cultural resources. An archaeological monitoring plan will be prepared and submitted to the PRSHPO for review and approval.

☐ Adverse Effect

This Section is to be Completed by SHPO Staff Only


| | |
|--|-------|
| The Puerto Rico State Historic Preservation Office has reviewed the above information and: | |
| <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: |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
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Project (Parcel) Location – Area of Potential Effect (Aerial)




Figure #1

| | |
|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
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Project (Parcel) Location – Aerial Map of Juana Díaz



Figure #2


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|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Diaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
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USGS Topographic Map – Juana Diaz



Figure #3


606 Barbosa Avenue, Building Juan C. Cordero Dávila, Río Piedras, PR 00918 | PO Box 21365 San Juan, PR 00928-1365
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| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
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Project (Parcel) Location – Soil Map



Figure #4

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Ramón Baldorioty de Castro Public Square | |
| Project Number: PR-CRP-000434 | |

Project (Parcel) Location – Soil Map Legend

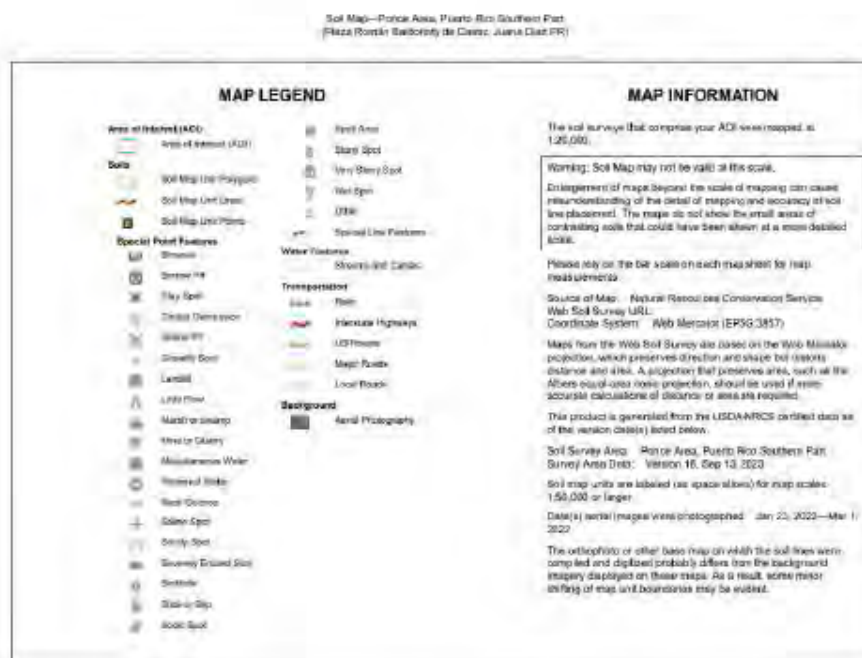




Figure #5

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
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Project (Parcel) Location with Previous Investigations - PR State Historic Preservation Office & Institute of Puerto Rican Culture Aerial Map



Figure #6

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| <p>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination</p> |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

USGS Topographic Map with Previous Investigations - PR State Historic Preservation Office & Institute of Puerto Rican Culture

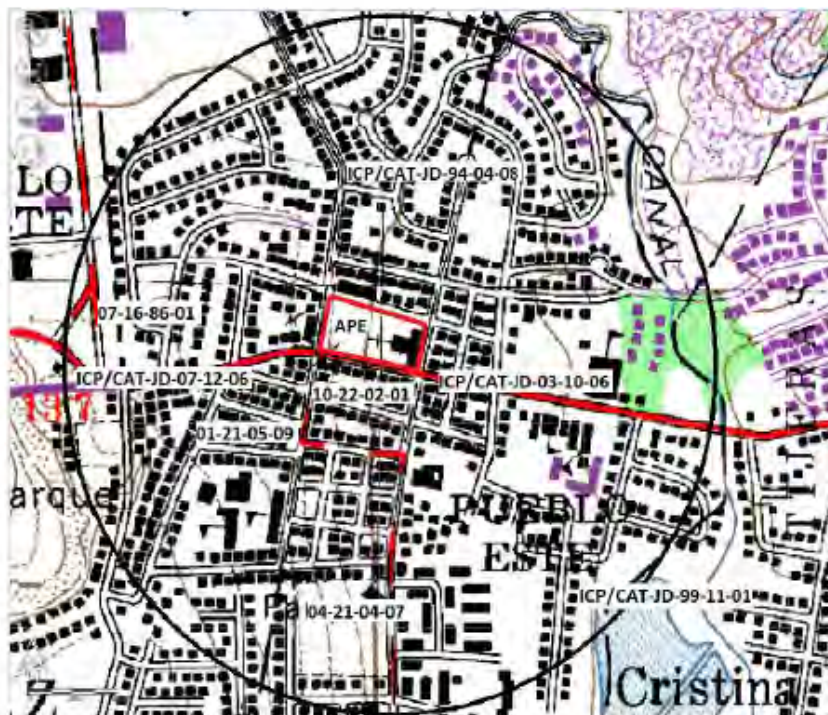
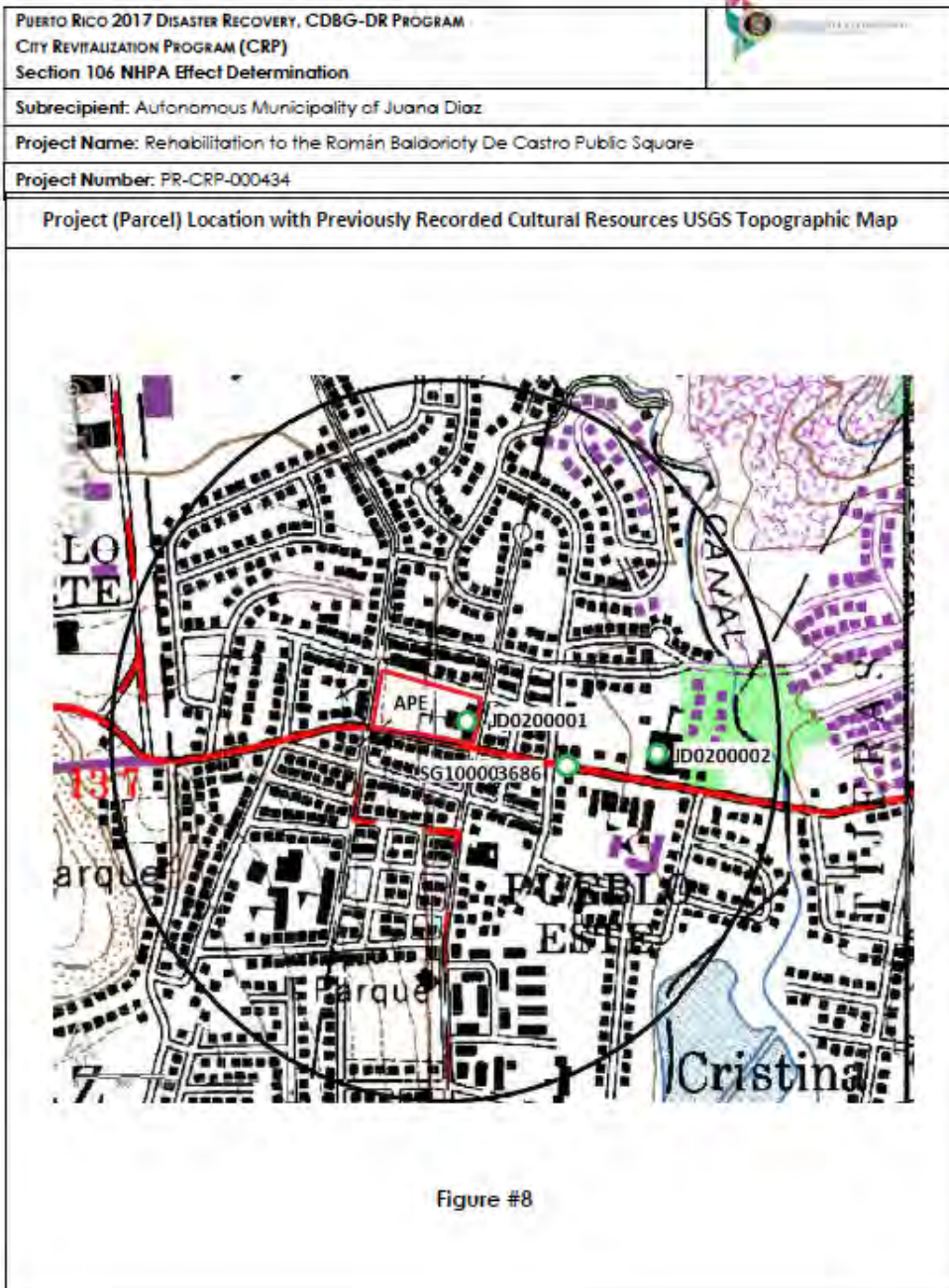



Figure #7

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| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

1864 – Juana Díaz Map (Source: General Archive of Puerto Rico)



Figure #9


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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

1969 Project (Parcel) Location USGS Topographic Map (Source: Topo View USGS Web Site)



Figure #10




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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  COMMONWEALTH OF PUERTO RICO <small>GOVERNMENT OF PUERTO RICO</small> |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

1936 Juana Díaz Aerial View (Source: Institute of Puerto Rican Culture)



Figure #12

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

1958 Juana Díaz Aerial View (Source: Institute of Puerto Rican Culture)

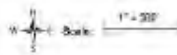


Figure #13









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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| 1917 Juana Díaz Public Square (Source: National Archive of Puerto Rico) | |



Figure #16



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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Diaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| 1926 Juana Diaz Public Square (Source: National Archive of Puerto Rico) | |
|  | |
| <p align="center">Figure #17</p> | |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Diaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
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1946 Juana Diaz Public Square (Source: Institute of Puerto Rican Culture)



Figure #18

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| Ca. 1950 Juana Díaz Public Square (Source: Puerto Rico web page) | |
| <div data-bbox="386 695 1269 1287" data-label="Image">  </div> <div data-bbox="763 1472 888 1507" data-label="Caption"> <p>Figure #19</p> </div> | |











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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| 1955 Juana Díaz Public Square (Source: Institute of Puerto Rican Culture) | |
|  | |


Figure #20

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| 1960 Juana Díaz Public Square (Source: Institute of Puerto Rican Culture) | |
|  | |
| <p align="center">Figure #21</p> | |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| 1988 Juana Díaz Public Square (Source: Biblioteca General de Puerto Rico) | |
|  | |
| <p align="center">Figure #22</p> | |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Diaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| 1996 Juana Diaz Public Square (Source: Institute of Puerto Rican Culture) | |
|  | |
| Figure #23 | |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| 1999 Juana Díaz Public Square (Source: Carlos Torres, Professional Photographer) | |
|  | |
| <p align="center">Figure #24</p> | |




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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

Structures With Historical Value Within the Visual APE– Key Map



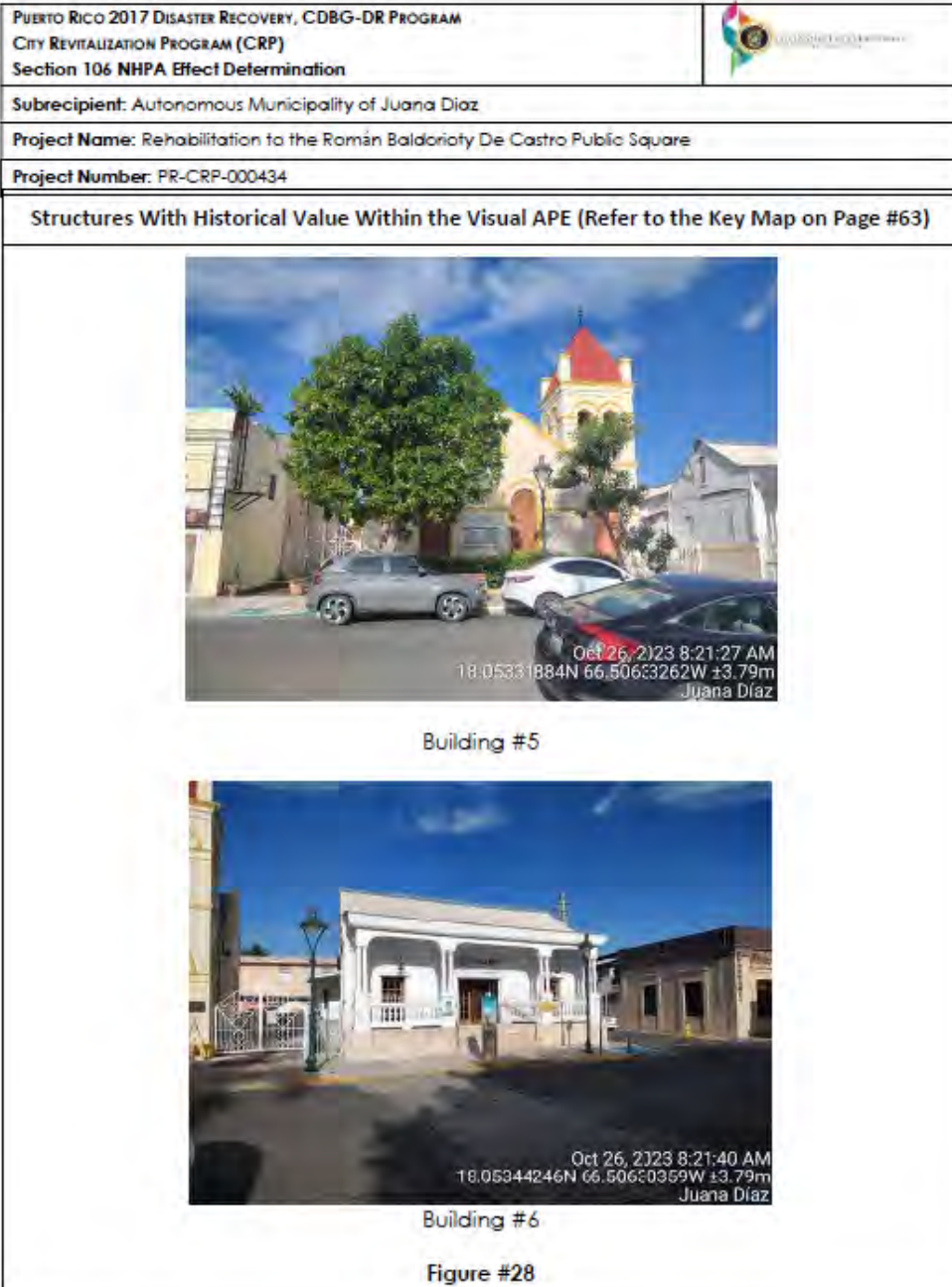
Note: Buildings numbers are for location and identification on the map.


Figure #25

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination | |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | | |
| Project Number: PR-CRP-000434 | | |
| Structures With Historical Value Within the Visual APE (Refer to the Key Map on Page #63) | | |
| <div style="text-align: right;">  <p>Oct 26, 2023 8:20:41 AM 18.05294435N 66.50640521W ±3.79m Juana Díaz</p> </div> <p style="text-align: center;">Building #1</p> | | |
| <div style="text-align: right;">  <p>Oct 26, 2023 8:20:42 AM 18.05294666N 66.50640617W ±3.79m Juana Díaz</p> </div> <p style="text-align: center;">Building #2</p> <p style="text-align: center;">Figure #26</p> | | |

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|---|---|
| <p>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination</p> |  |
| <p>Subrecipient: Autonomous Municipality of Juana Díaz</p> | |
| <p>Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square</p> | |
| <p>Project Number: PR-CRP-000434</p> | |
| <p>Structures with Historical Value Within the Visual APE (Refer to the Key Map on Page #63)</p> | |
| <div data-bbox="506 543 1136 978">  <p>Oct 26, 2023 8:20:50 AM 18.05300462N 66.50641324W ±4.03m Juana Díaz</p> </div> <p>Building #3</p> | |
| <div data-bbox="503 1056 1140 1463">  <p>Oct 26, 2023 8:21:05 AM 18.05310655N 66.5064022W ±3.79m Juana Díaz</p> </div> <p>Building #4</p> <p>Figure #27</p> | |



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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

Structures With Historical Value Within the Visual APE (Refer to the Key Map on Page #63)









Building #7



Building #8

Figure #29




| | |
|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Diaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| Structures With Historical Value Within the Visual APE (Refer to the Key Map on Page #63) | |
|  | |
| <p style="text-align: center;">Building #9</p> | |
|  | |
| <p style="text-align: center;">Building #10</p> | |
| <p style="text-align: center;">Figure #30</p> | |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Diaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| Structures With Historical Value Within the Visual APE (Refer to the Key Map on Page #63) | |
| <div style="text-align: center;">  <p>Oct 26, 2023 8:24:04 AM 18.05333626N 66.50598237W ±3.79m Juana Diaz</p> <p>Building #11</p> </div> <div style="text-align: center;">  <p>Oct 26, 2023 8:24:36 AM 18.05326438N 66.50567329W ±3.79m Juana Diaz</p> <p>Building #12</p> <p>Figure #31</p> </div> | |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Diaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| Structures With Historical Value Within the Visual APE (Refer to the Key Map on Page #63) | |
| <div style="text-align: center;">  <p>Building #13</p> </div> <div style="text-align: center;">  <p>Building #14</p> </div> <p style="text-align: center;">Figure #32</p> | |


| | |
|---|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
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| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| Structures With Historical Value Within the Visual APE (Refer to the Key Map on Page #63) | |
| <div style="text-align: center;">  <p>Building #15</p> </div> <div style="text-align: center;">  <p>Building #16</p> </div> <p>Figure #33</p> | |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| Structures With Historical Value Within the Visual APE (Refer to the Key Map on Page #63) | |
| <div data-bbox="548 554 1101 953" data-label="Image">  </div> <div data-bbox="753 978 894 1012" data-label="Caption"> <p>Building #17</p> </div> <div data-bbox="553 1033 1096 1440" data-label="Image">  </div> <div data-bbox="753 1463 896 1497" data-label="Caption"> <p>Building #18</p> </div> <div data-bbox="769 1518 891 1551" data-label="Caption"> <p>Figure #34</p> </div> | |

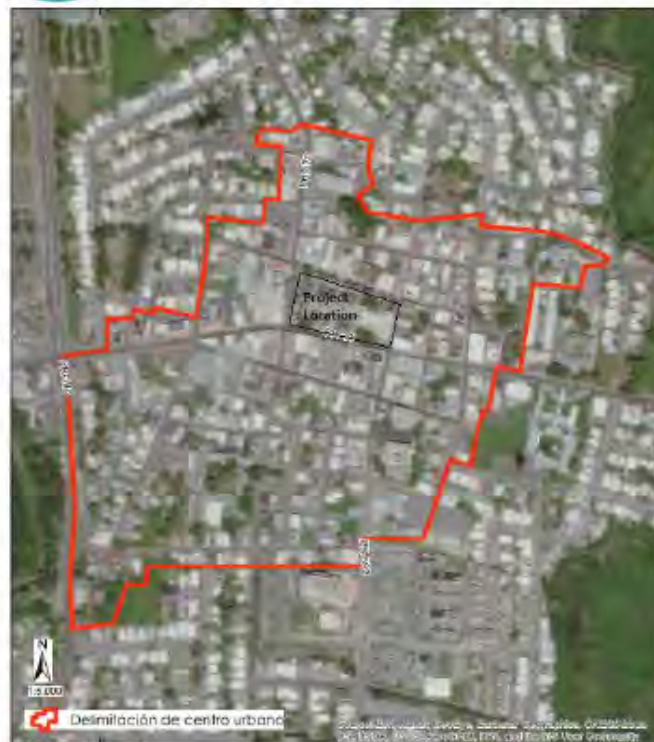
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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| Structures With Historical Value Within the Visual APE (Refer to the Key Map on Page #63) | |
| <div data-bbox="560 577 1096 976" data-label="Image">  </div> <div data-bbox="760 997 894 1024" data-label="Caption"> <p>Building #19</p> </div> <div data-bbox="560 1050 1096 1449" data-label="Image">  </div> <div data-bbox="760 1470 894 1497" data-label="Caption"> <p>Building #20</p> </div> <div data-bbox="776 1528 889 1556" data-label="Caption"> <p>Figure #35</p> </div> | |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| Structures With Historical Value Within the Visual APE (Refer to the Key Map on Page #63) | |
| <div data-bbox="527 583 1123 940" data-label="Image">  </div> <div data-bbox="750 961 893 997" data-label="Caption"> <p>Building #21</p> </div> <div data-bbox="534 1016 1112 1442" data-label="Image">  </div> <div data-bbox="750 1461 896 1497" data-label="Caption"> <p>Building #22</p> </div> <div data-bbox="766 1518 889 1551" data-label="Caption"> <p>Figure #36</p> </div> | |

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|---|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Diaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |
| Structures With Historical Value Within the Visual APE (Refer to the Key Map on Page #63) | |
| <div style="text-align: center;">  <p>Building #23</p>  <p>Central Street PR-14 (identified as #24 in the Key Map)</p> <p>Figure #37</p> </div> | |

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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

Traditional Urban Canter of Juana Díaz



Fuente: Junta de Planificación, Documento de la Vivienda.


SPCS PR & IT 11A023 W010-2161



Centro Urbano
Municipio de Juana Díaz



Figure #38

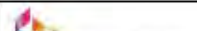
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|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |

Photograph Key



Arrows 1 to 10 = it refers to the direct APE photos (pages #78 to #82)

Arrows 11 to 18 = it refers to the indirect (viewshed) APE (pages #83 to #87).


| | |
|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Diaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |



| | |
|-------------------------|---|
| Photo #: 1 | Description: Photo taken from the Comercio Street towards the Roman Baldorioty de Castro Square. The photo shown the existing condition of the square. |
| Date: 10-26-2023 | |



| | |
|-------------------------|---|
| Photo #: 2 | Description: Photo taken from the Carrion Maduro Street towards the Roman Baldorioty de Castro Square. The photo shown the existing condition of the square. |
| Date: 10-26-2023 | |


| | |
|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |



| | | |
|-------------------------|---|--|
| Photo #: 3 | Description: Photo taken from the Comercio Street towards the Roman Baldorioty de Castro Square. The photo shown the existing condition of the square. | |
| Date: 10-26-2023 | | |



| | | |
|-------------------------|---|--|
| Photo #: 4 | Description: Photo taken from the Carrion Maduro Street towards the Roman Baldorioty de Castro Square. The photo shown the existing condition of the square. | |
| Date: 10-26-2023 | | |


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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |



| | |
|-------------------------|---|
| Photo #: 5 | Description: Photo taken from the Carrion Maduro Street towards the Roman Baldorioty de Castro Square. The photo shown the existing condition of the square. |
| Date: 10-26-2023 | |



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|-------------------------|---|
| Photo #: 6 | Description: Photo taken from the F. Degetau Street towards the Roman Baldorioty de Castro Square. The photo shown the existing condition of the square. |
| Date: 10-26-2023 | |


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| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |



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| Photo #: 7 | Description: Photo taken from the F. Degetau Street towards the Roman Baldorioty de Castro Square. The photo shown the existing condition of the square. |
| Date: 10-26-2023 | |



| | |
|-------------------------|--|
| Photo #: 8 | Description: Photo taken from the Luis Muñoz Rivera Street towards the Roman Baldorioty de Castro Square. The photo shown the existing condition of the square. |
| Date: 10-26-2023 | |


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|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |



| | |
|-------------------------|---|
| Photo #: 9 | Description: Photo taken from the F. Degetau Street towards the Roman Baldorioty de Castro Square. The photo shown the existing condition of the square. |
| Date: 10-26-2023 | |



| | |
|-------------------------|---|
| Photo #: 10 | Description: Photo taken from the F. Degetau Street towards the Roman Baldorioty de Castro Square. The photo shown the existing condition of the square. |
| Date: 10-26-2023 | |


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|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |



| | |
|-------------------------|---|
| Photo #: 11 | Description: Photo taken from the F. Degetau Street towards the viewshed of the project. The photo shown buildings identified with letters A and B with modern architecture. |
| Date: 10-26-2023 | |



| | |
|-------------------------|--|
| Photo #: 12 | Description: Photo taken from the Luis Muñoz Rivera Street towards the viewshed of the project. The photo shown buildings identified with letters C with colonial style architecture and D, E and F with neoclassical architecture. |
| Date: 10-26-2023 | |


| | |
|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  GOBIERNO DE PUERTO RICO GOVERNMENT OF PUERTO RICO |
| Subrecipient: Autonomous Municipality of Juana Diaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |



| | |
|-------------------------|---|
| Photo #: 13 | Description: Photo taken from the Carrion Maduro Street towards the viewshed of the project. The photo shown buildings identified with letters G and H with Spanish revival and creole architecture style. |
| Date: 10-26-2023 | |



| | |
|-------------------------|--|
| Photo #: 14 | Description: Photo taken from the F. Degetau Street towards the viewshed of the project. The photo shown buildings identified with letters H with neoclassical architecture, I with modern architecture, J with neoclassical architecture and K with modern architecture. |
| Date: 10-26-2023 | |


| | |
|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |



| | |
|-------------------------|--|
| Photo #: 15 | Description: Photo taken from the F. Degetau Street towards the viewshed of the project. The photo shown buildings identified with letters L with modern architecture and M with neoclassical architecture. |
| Date: 10-26-2023 | |



| | |
|-------------------------|---|
| Photo #: 16 | Description: Photo taken from the F. Degetau Street towards the viewshed of the project. The photo shown buildings identified with letters N with modern architecture, O with colonial architecture, P and O with creole architecture. |
| Date: 10-26-2023 | |

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|--|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | |
| Project Number: PR-CRP-000434 | |



| | |
|-------------------------|---|
| Photo #: 17 | Description: Photo taken from the F. Degetau Street towards the viewshed of the project. The photo shown buildings identified with letter R with creole architecture, S with modern architecture and T with modern architecture. |
| Date: 10-26-2023 | |



| | |
|-------------------------|--|
| Photo #: 18 | Description: Photo taken from the Luis Muñoz Rivera Street towards the viewshed of the project. The photo shown buildings identified with letters U with art deco architecture, V, W and Y with modern architecture. The building identified X is the church. |
| Date: 10-26-2023 | |

| | | |
|--|---|---|
| PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination | |  |
| Subrecipient: Autonomous Municipality of Juana Díaz | | |
| Project Name: Rehabilitation to the Román Baldorioty De Castro Public Square | | |
| Project Number: PR-CRP-000434 | | |
|  | | |
| Photo #: 19 | Description: Photo taken from the Camion Madiuro Street towards the viewshed of the project. The photo shown building identified with letters X (Parroquia San Ramon Nonato), and the street identified with letter Y (Carretera Central PR-14). Both structures are listed in the National Register of Historic Places. | |
| Date: 10-26-2023 | | |

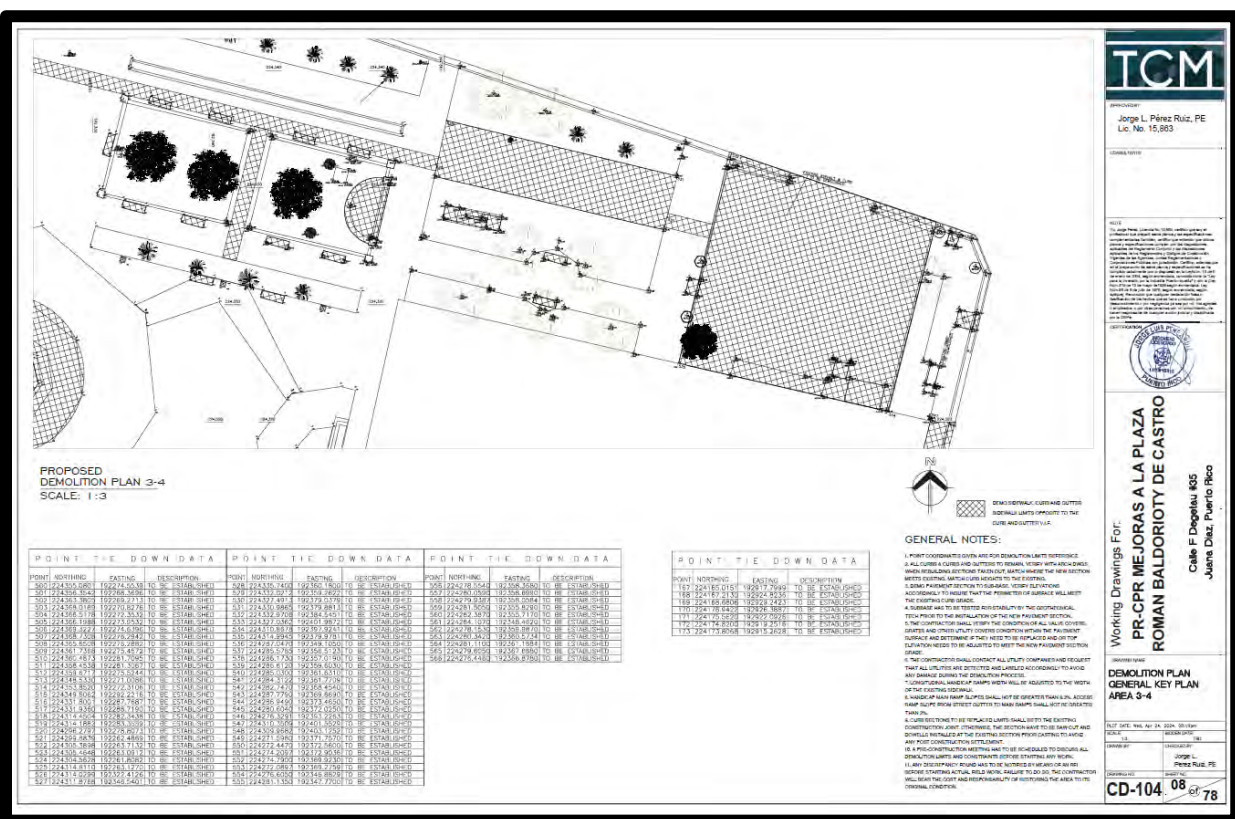
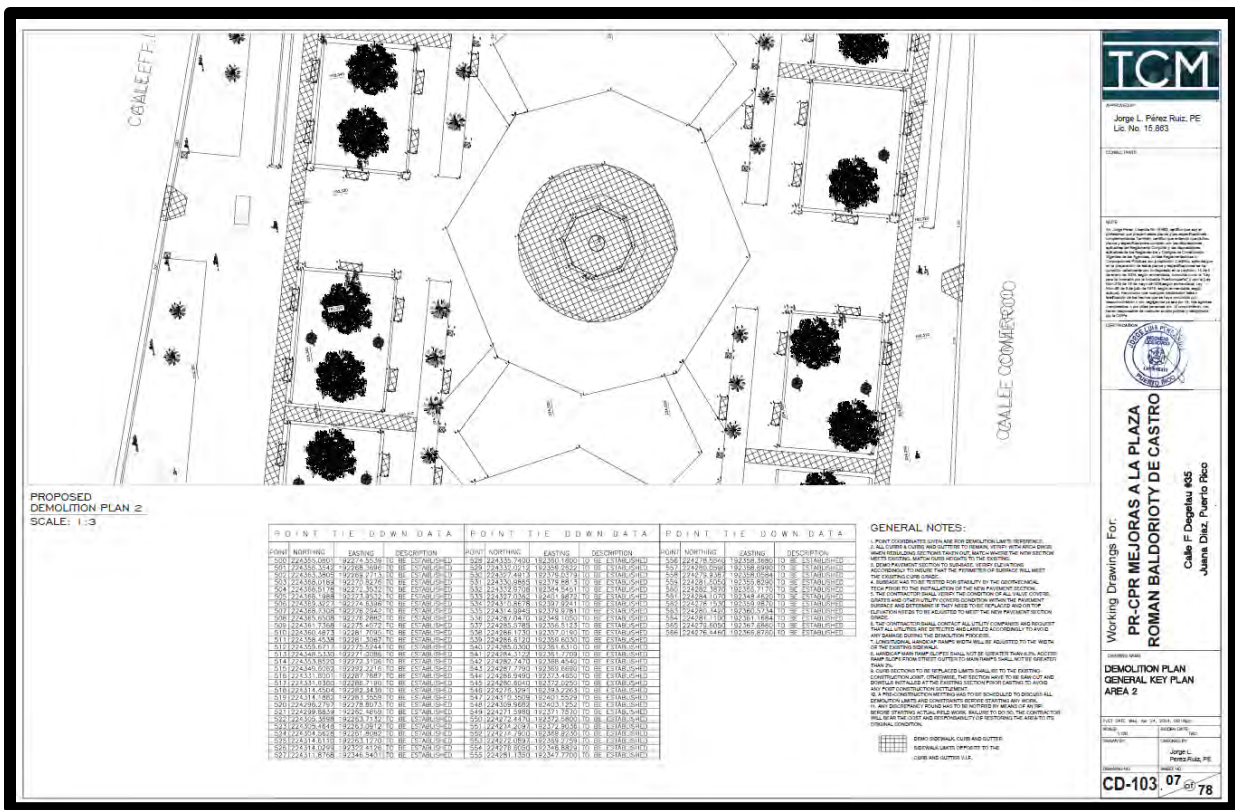
PR-CRP-000434

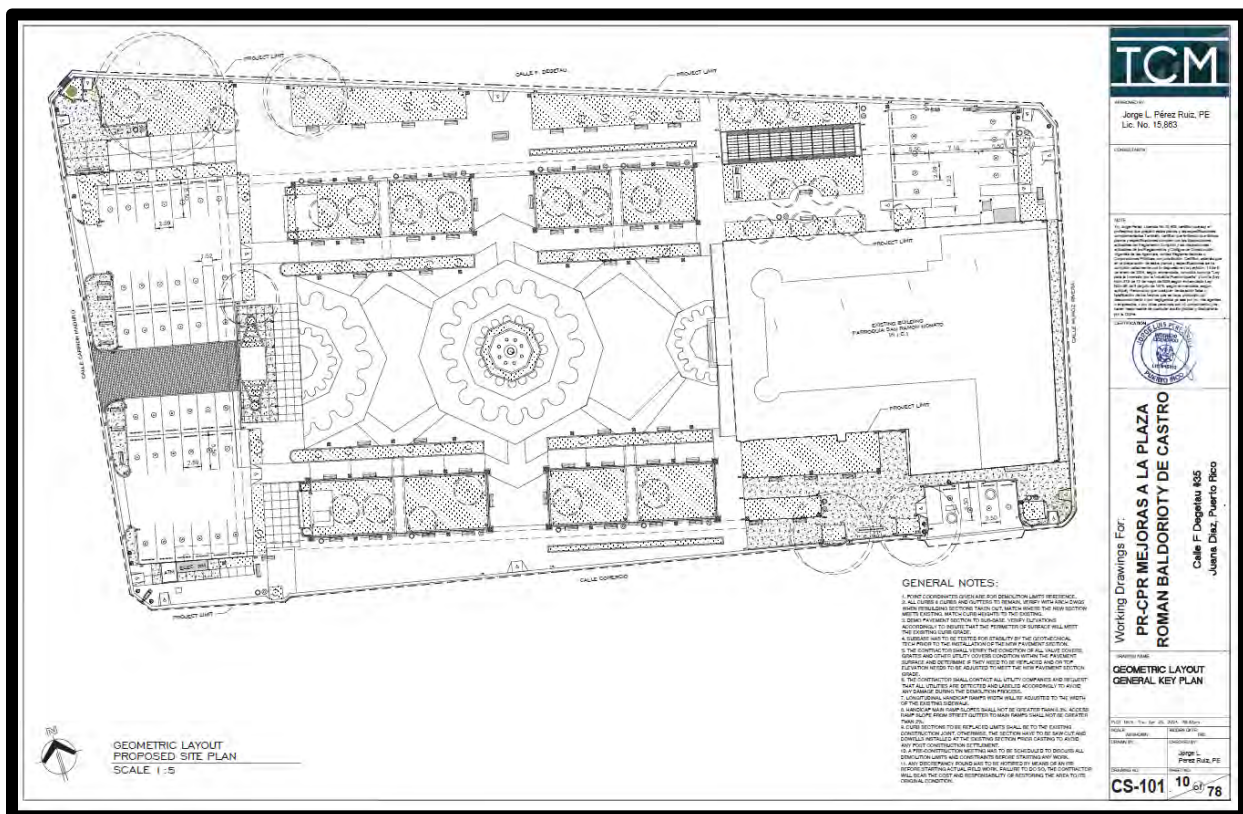
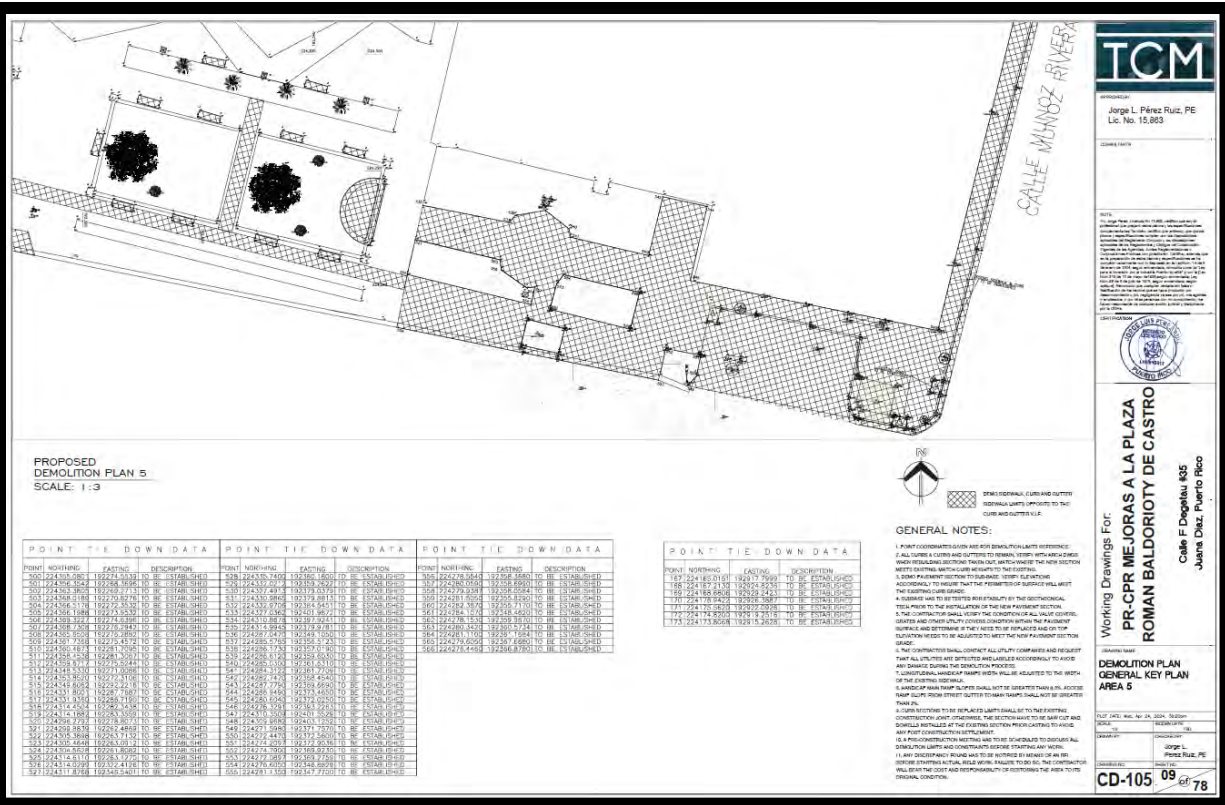
**Mejoras a Plaza Pública Román Baldorioty
De Castro Project**

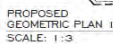
Juana Díaz, Puerto Rico

100% Design Plans (1 of 2)

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GENERAL NOTES

| CURVE TABLE | | | CURVE TABLE | | |
|-------------|--------|--------|-------------|--------|--------|
| CURVE | LENGTH | RADIUS | CURVE | LENGTH | RADIUS |
| C3 | 0.83 | 5.60 | C9 | 4.48 | 3.0 |
| C4 | 1.27 | 5.60 | C10 | 5.60 | 5.60 |
| C5 | 2.61 | 3.00 | C11 | 0.81 | 0.81 |
| C6 | 3.97 | 3.00 | C12 | 1.75 | 1.75 |
| C7 | 1.15 | 5.60 | C13 | 2.35 | 1.5 |
| C8 | 0.93 | 0.98 | C14 | 1.81 | 2.0 |

Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

LOWELL PETER.

NOTE

1) *Il viaggio* (Piemonte, 1998) è un libro che si può leggere in qualsiasi momento della giornata, in qualsiasi luogo, in compagnia o da soli. È un libro che si può leggere in qualsiasi momento della giornata, in qualsiasi luogo, in compagnia o da soli. È un libro che si può leggere in qualsiasi momento della giornata, in qualsiasi luogo, in compagnia o da soli.



Working Drawings For:

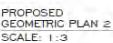
GEOMETRIC LAYOUT

KEY PLAN AREA 1

| | |
|--|--------------|
| 1427 DREXEL, TALL, Age 22, 2021, ORA-20m | |
| BURIAL | AGEING D/F/L |
| OR SHC-2021 | |
| 1428 DREXEL, TALL, Age 22, 2021, ORA-20m | |
| BURIAL | AGEING D/F/L |
| OR SHC-2021 | |

Jorge L. Perez Ruiz, Ph.D.

| | |
|--------------|-----------|
| TRANSFER NO. | ISSUE NO. |
| CS 402 | 11 |



GENERAL NOTES

| CURVE TABLE | | | CURVE TABLE | | |
|-------------|--------|--------|-------------|--------|------|
| CURVE | LENGTH | RADIUS | CURVE | LENGTH | RADI |
| C3 | 0.83 | 0.60 | C9 | 4.48 | 3 |
| C4 | 1.23 | 0.60 | C10 | 5.60 | 3 |
| C5 | 2.81 | 3.00 | C11 | 0.81 | 0 |
| C6 | 3.97 | 3.00 | C12 | 1.75 | 1 |
| C7 | 1.15 | 0.60 | C13 | 3.35 | 1 |
| C8 | 0.83 | 0.60 | C14 | 0.83 | 0 |

Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

El *Journal of the American Medical Association* (JAMA) publicó ayer el primer estudio sobre el uso de la vacuna de la gripe en los Estados Unidos. Los investigadores de la Universidad de Columbia, Nueva York, analizaron los datos de la encuesta nacional de vacunación de 1999 y descubrieron que el 40 por ciento de los estadounidenses mayores de 65 años se vacunaron contra la gripe. El estudio también encontró que el 40 por ciento de los estadounidenses mayores de 65 años se vacunaron contra la gripe. El estudio también encontró que el 40 por ciento de los estadounidenses mayores de 65 años se vacunaron contra la gripe.

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GEOMETRIC LAYOUT

KEY PLAN AREA 2

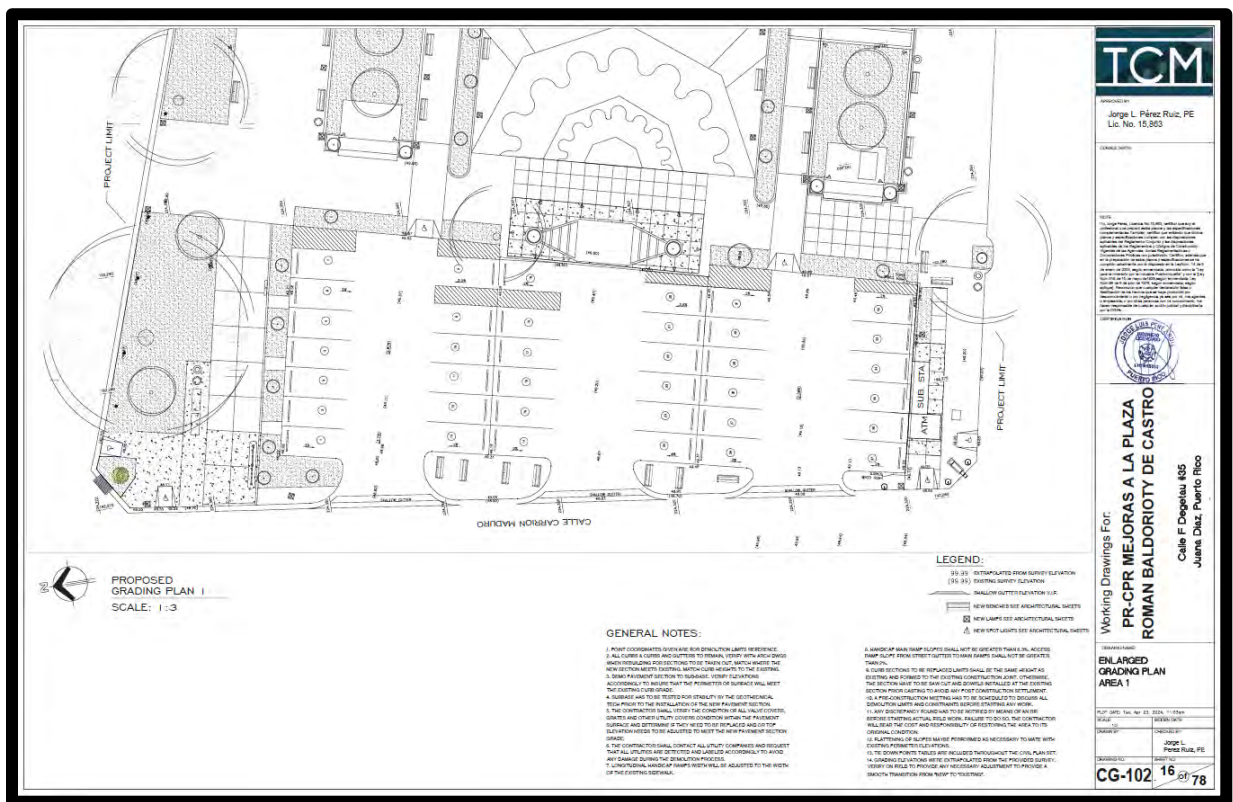
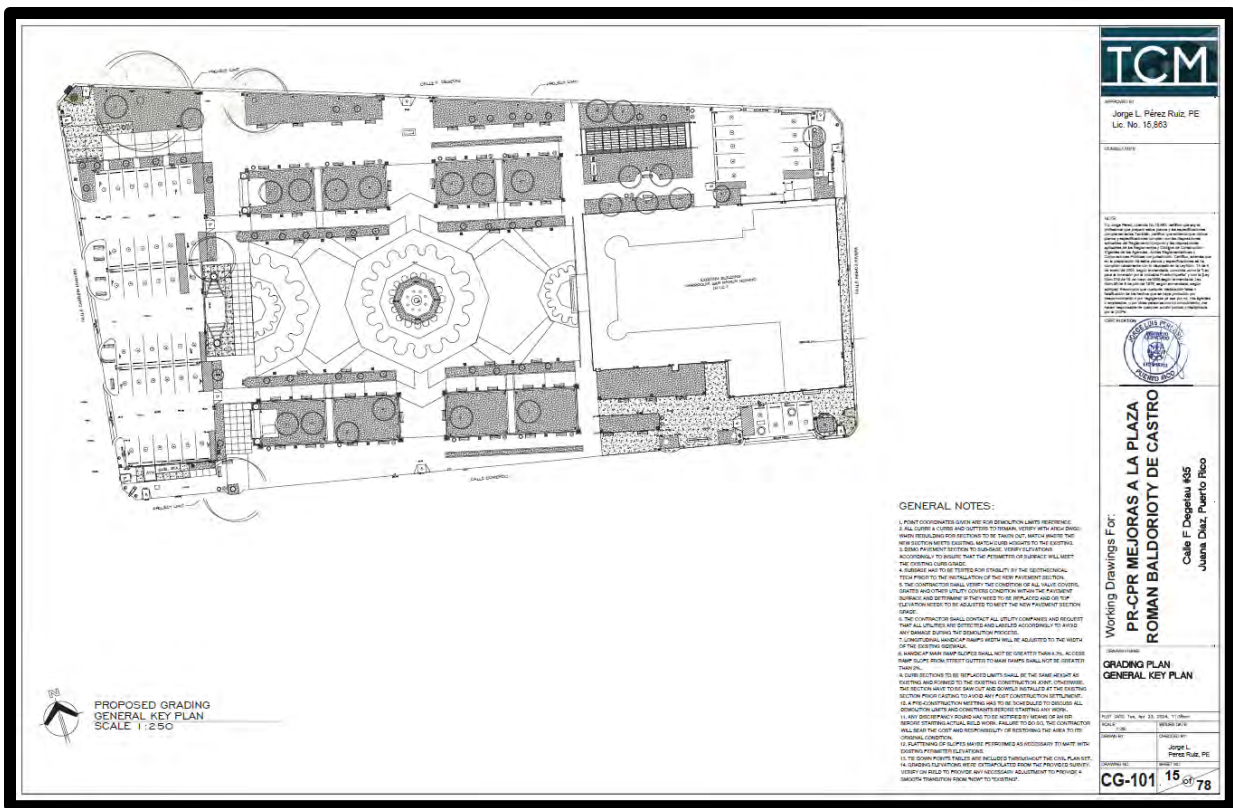
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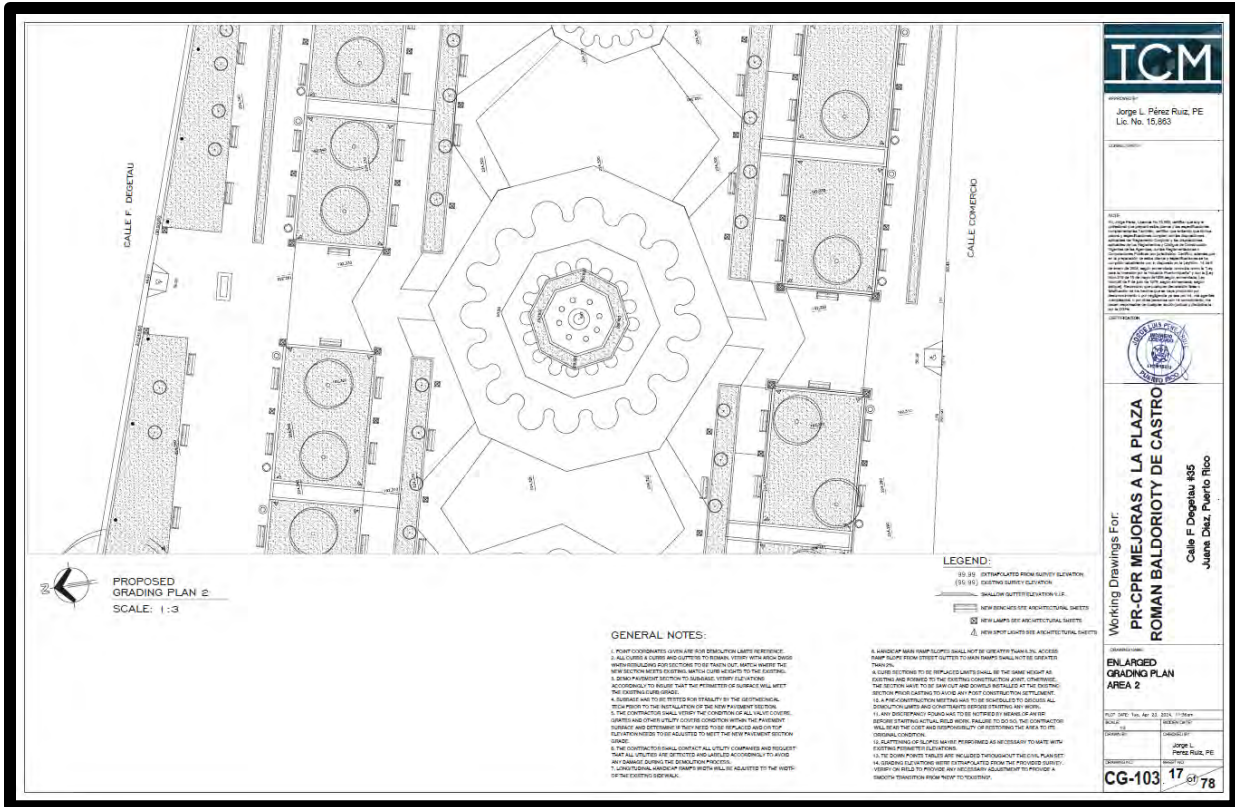
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| FUGI SAFE, Inc. ver 2.0, 2024, OUGLem | |
| NAME | WILLIAM LARSEN |
| ADDRESS | |

Jorge L.
Duran, Ph.D.

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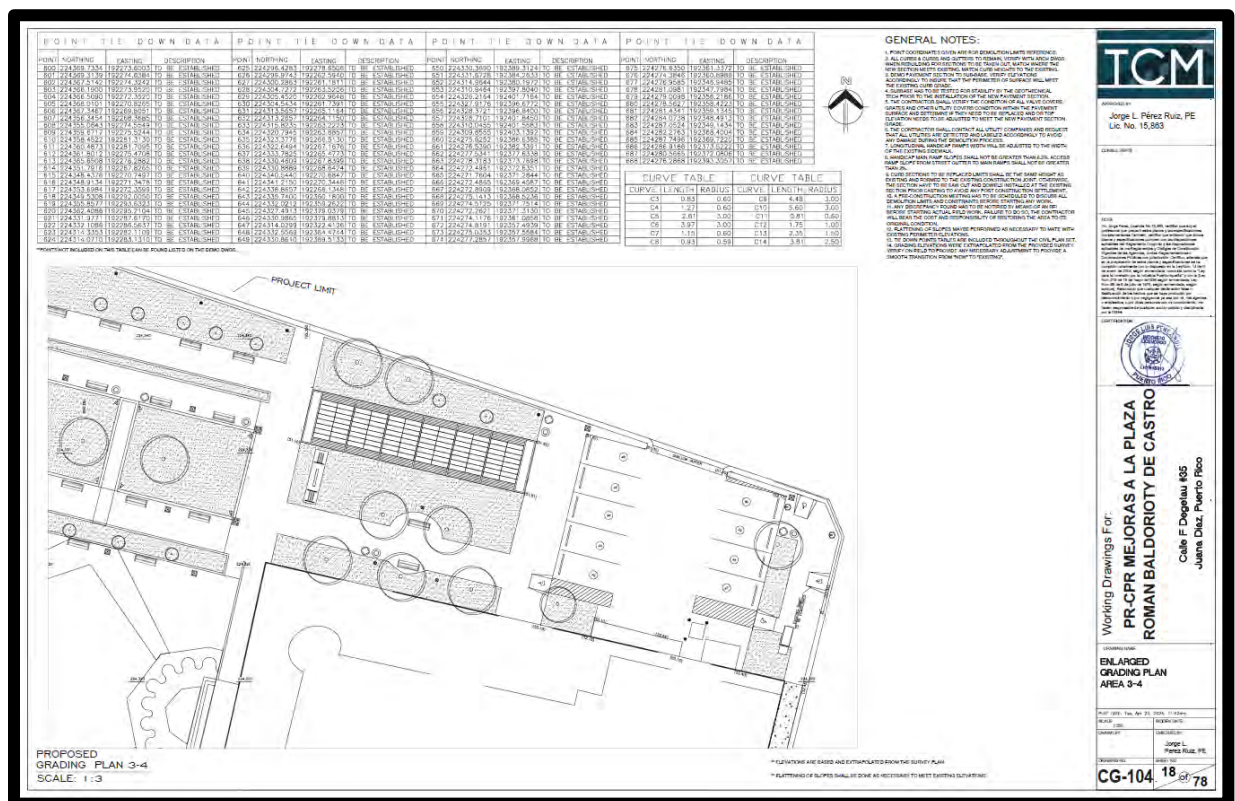


TCM
Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

Working Drawings For:
PR-CPR MEJORAS A LA PLAZA
ROMAN BALDOROTY DE CASTRO
Calle F. Diezmau #35
Juana Díaz, Puerto Rico

ENLARGED GRADING PLAN AREA 2

CG-103 17 of 78

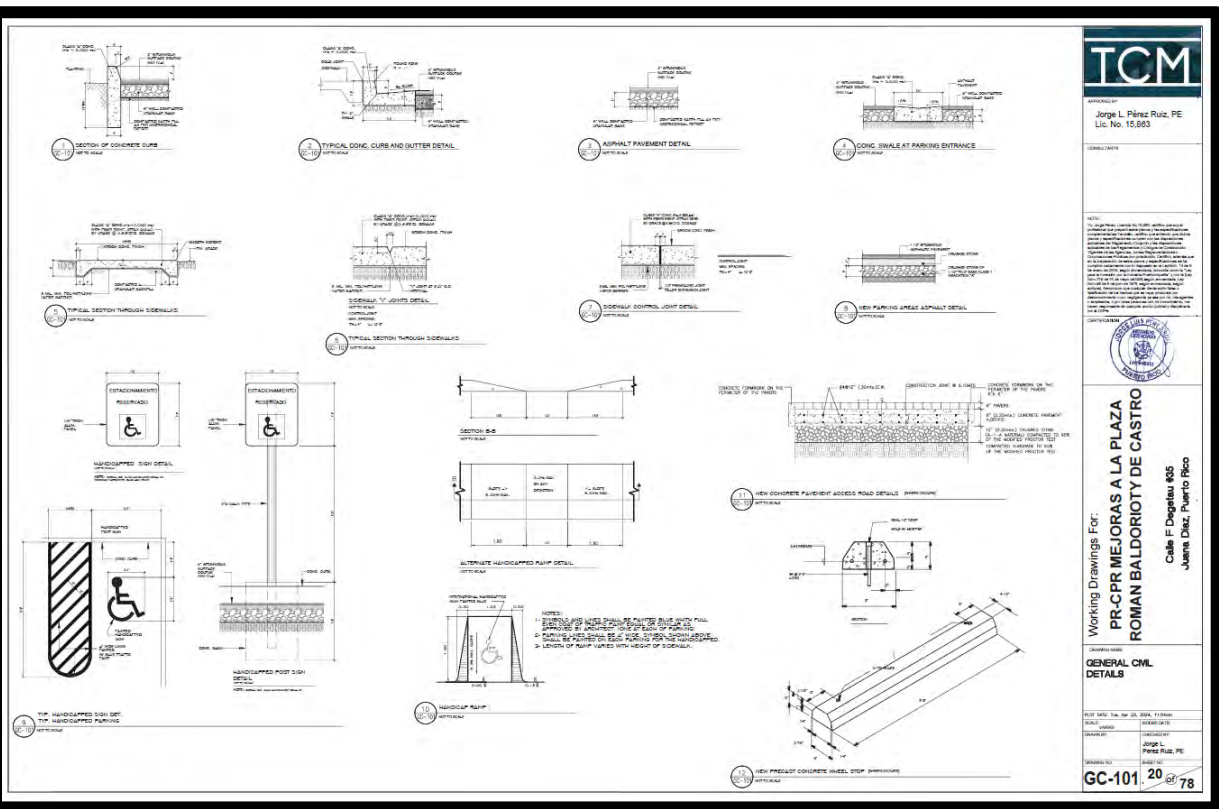
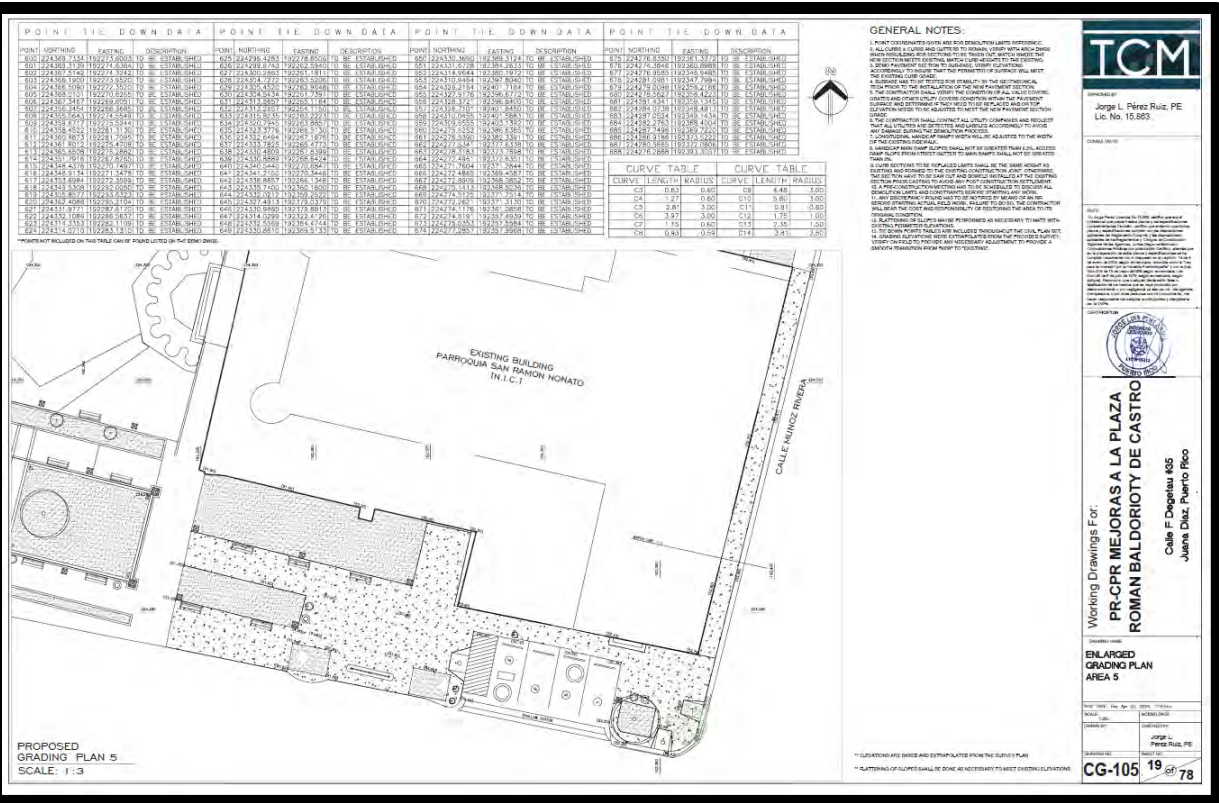


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ROMAN BALDOROTY DE CASTRO
Calle F. Diezmau #35
Juana Díaz, Puerto Rico

ENLARGED GRADING PLAN AREA 3-4

CG-104 18 of 78



NEW TREE/BUSHES PLANTING SCHEDULE

| SYM | QTY | KEY | BOTANICAL NAME | COMMON NAME | SIZE | STOCK | SPACING |
|-----|-----|-----|-------------------------|-----------------------|-------------|------------|-----------|
| CD | * | | COCOLOBA DIVERSIFOLIA | PIGEONPLUM | 2" CAL/5HT. | 25 GAL. | SEE PLANS |
| PF | * | | POITEA FLORIDA | WATTAPAMA | 1" CAL/6HT. | 10 GAL. | SEE PLANS |
| HC | * | | HYMENOCALLIS CARIBAEA | CARIBBEAN SPIDER-LILY | 15"-18"HT. | 2 GAL. | SEE PLANS |
| AC | * | | ANTHURIUM CRENATUM | NATIVE ANTHURIUM | 15"MIN.HT. | 3 GAL. | SEE PLANS |
| PG | * | | PHILODENDRON GIGANTEUM | GIANT PHILODENDRON | 24"MIN.HT. | 3 GAL. | SEE PLANS |
| CLR | * | | CLUSIA ROSEA "NANA" | DWARF PITCH-APPLE | 18"MIN.HT. | 2 GAL. | SEE PLANS |
| NB | * | | NEPHROLEPIS BISERATA | GIANT SWORD FERN | 18"MIN.HT. | 2 GAL. | SEE PLANS |
| PI | * | | PILEA MACROPHYLLA | ROCKWEED | 6"MIN.HT. | 1 GAL. | SEE PLANS |
| PST | * | | PENNISETUM SETACEUM | PENNISETUM | 24"MIN.HT. | 3 GAL. | SEE PLANS |
| SA | * | | SYNGONIUM PODOPHYLLUM | ARROWHEAD VINE | 6"MIN.HT. | 10" BASKET | SEE PLANS |
| WT | * | | SPHAGNETICOLA TRILOBATA | WEDELIA | 30"MAX.HT. | 50" TRAY | SEE PLANS |
| TP | * | | TRADESCANTIA PALLIDA | PURPLE HEART | 6"MIN.HT. | VARIES | SEE PLANS |
| CG | * | | CYNOCON DACTYLON | COMMON GRASS | VARIES | VARIES | SEE PLANS |

TCM

Jorge L. Pérez Ruiz, PE
Lic. No. 15,983

CONTRACT NO.

NOTES:
1. ALL PLANTING SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING:
a. ASBESTOS ABANDONMENT AND REMEDIATION ACT (P.R. LAW NO. 107-90)
b. CLEAN WATER ACT (P.R. LAW NO. 107-90)
c. CLEAN AIR ACT (P.R. LAW NO. 107-90)
d. SOLID WASTE MANAGEMENT ACT (P.R. LAW NO. 107-90)
e. HAZARDOUS WASTE MANAGEMENT ACT (P.R. LAW NO. 107-90)
f. ENVIRONMENTAL QUALITY ACT (P.R. LAW NO. 107-90)
g. ENVIRONMENTAL IMPACT STATEMENT ACT (P.R. LAW NO. 107-90)
h. ENVIRONMENTAL PROTECTION ACT (P.R. LAW NO. 107-90)
i. ENVIRONMENTAL RECONSTRUCTION ACT (P.R. LAW NO. 107-90)
j. ENVIRONMENTAL RESTORATION ACT (P.R. LAW NO. 107-90)
k. ENVIRONMENTAL SUSTAINABILITY ACT (P.R. LAW NO. 107-90)
l. ENVIRONMENTAL TOXICITY ACT (P.R. LAW NO. 107-90)
m. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
n. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
o. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
p. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
q. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
r. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
s. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
t. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
u. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
v. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
w. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
x. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
y. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)
z. ENVIRONMENTAL VIOLATION ACT (P.R. LAW NO. 107-90)



Working Drawings For:
**PR-CRP Mejoras a la Plaza Publica
Roman Baldorioty de Castro**
Calle F. Deglau 605
Juana Diaz, Puerto Rico

PROPOSED LANDSCAPE
PLANTING SCHEDULE

DATE: 08/01/2018, Rev. 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 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PR-CRP-000434

**Mejoras a Plaza Pública Román Baldorioty
De Castro Project**

Juana Díaz, Puerto Rico

100% Design Plans (2 of 2)



Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

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Working Drawings For:
**-CRP Mejoras a la Plaza Publica
 Roman Baldorioty de Castro**

Calle F Degetau #35
Juana Diaz, Puerto Rico

Working Drawings For:

PROPOSED LANDSCAPE SITE PLAN

| | |
|--|--------------|
| PLOT DATE: Tue, Apr 23, 2024, 07:11hrs | |
| SCALES | RECORDS OPEN |

| | |
|-------------|-----------------|
| Donado, Dr. | (404) (402) Dr. |
| Elia, Act | Jorge L. |

| | |
|---------------|----------------|
| Author, J. A. | Perez Ruiz, J. |
| Journal, M. | Journal, M. |
| Volume, V. | Volume, V. |
| Issue, I. | Issue, I. |
| Page, P. | Page, P. |

LP-101 24 of



Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

| | |
|-------------|--|
| CONSULTANTS | |
|-------------|--|

CONVULSA

[illegible]

Working Drawings For:
PR-CRP Mejoras a la Plaza Publica
Roman Baldorioty de Castro

Calle F Degetau #35
Juana Diaz, Puerto Rico

Working Drawings For:

PROPOSED LANDSCAPE KEY PLAN

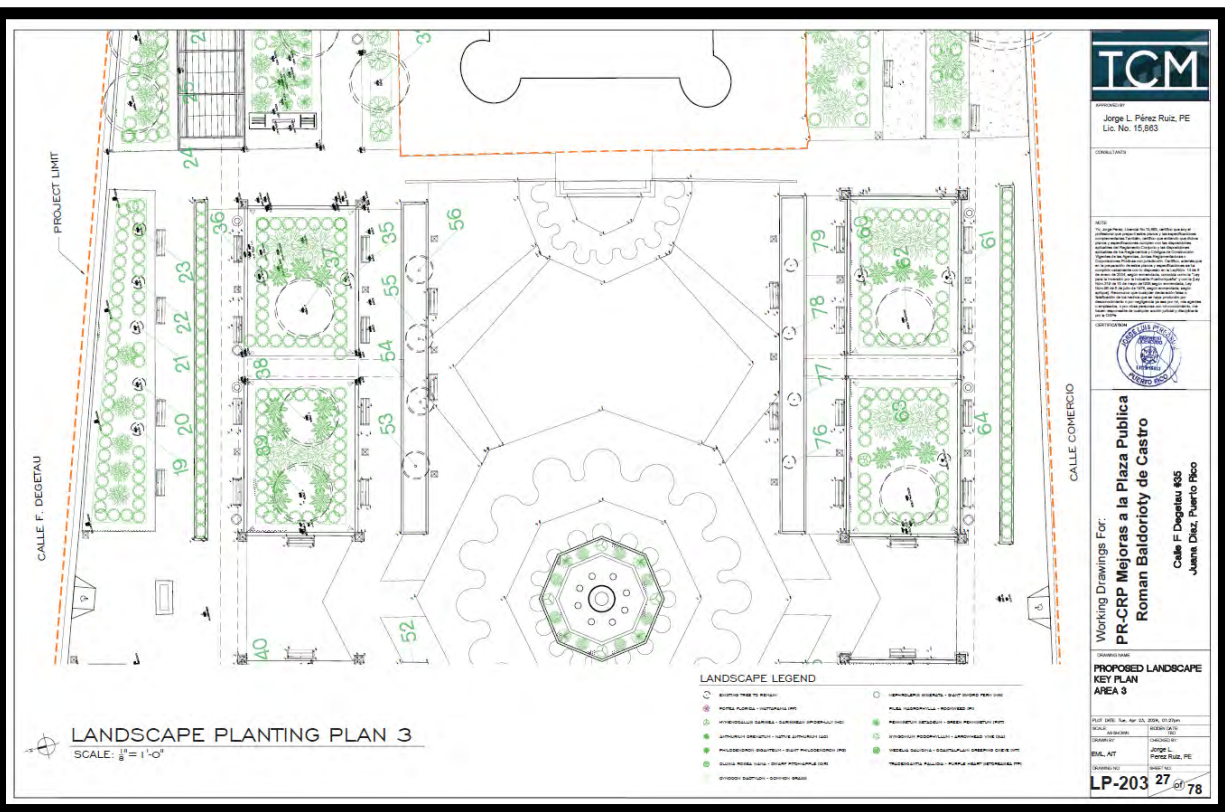
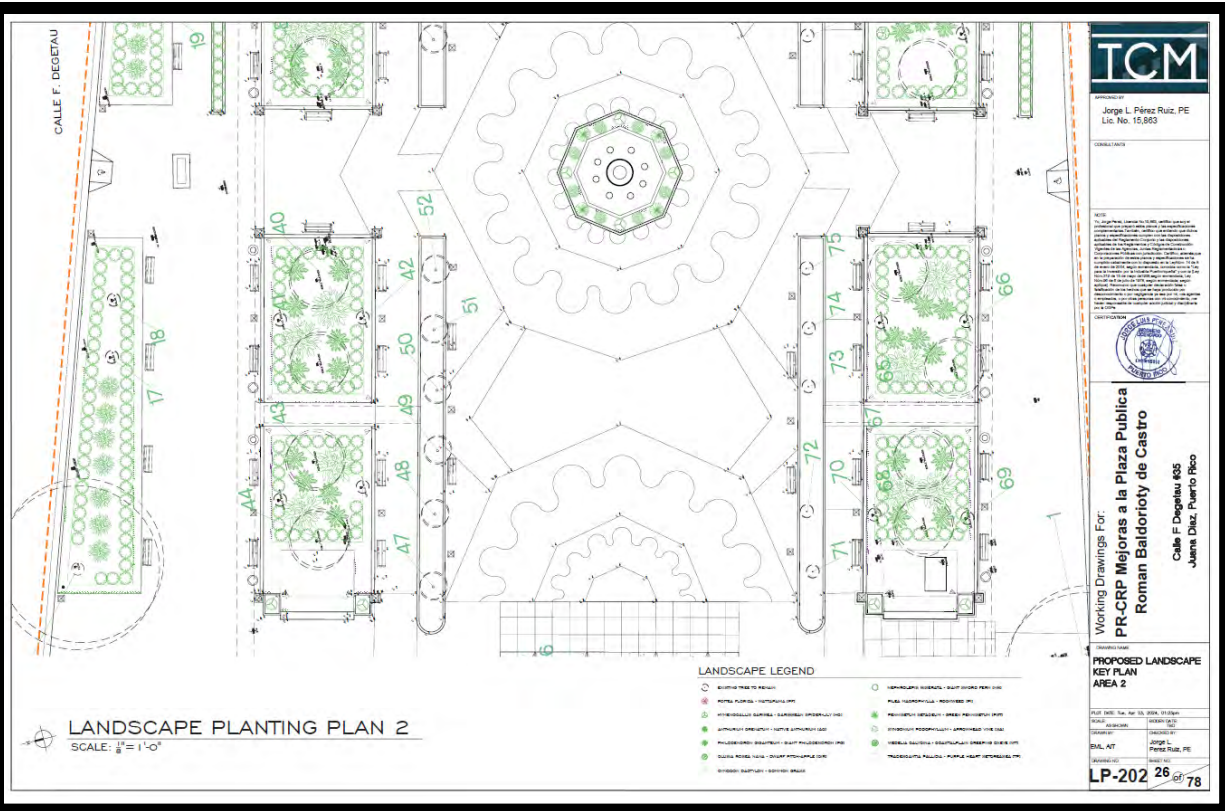
AREA 1

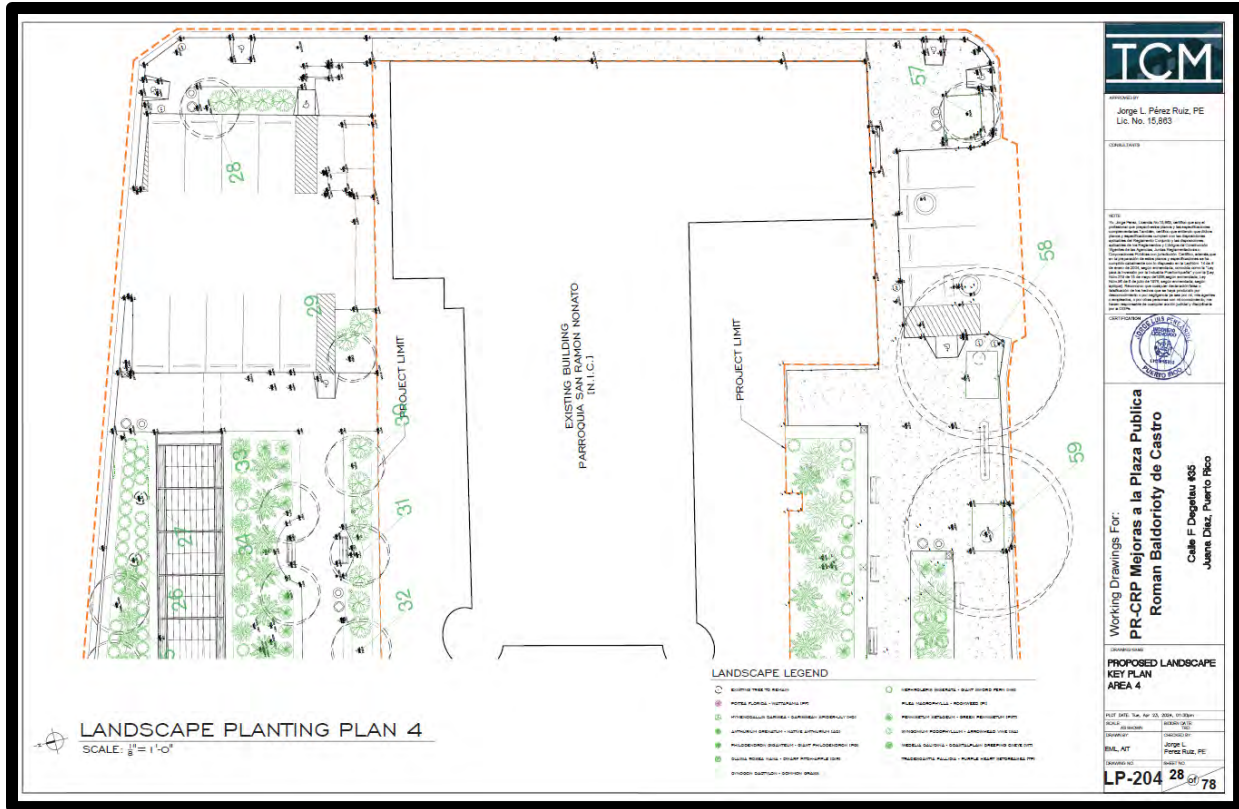
PLDT DATE: Tue, Apr 23, 2024, 11:20am

| | |
|-----------------------|-----------------------|
| Model: 44-3886 | Model: 44-3886 |
| Manufacturer: 44-3886 | Manufacturer: 44-3886 |

| | |
|---------|-------------------------|
| EML, AT | Jorge L. Perez Ruiz, PE |
|---------|-------------------------|

LP-201 25 of 30





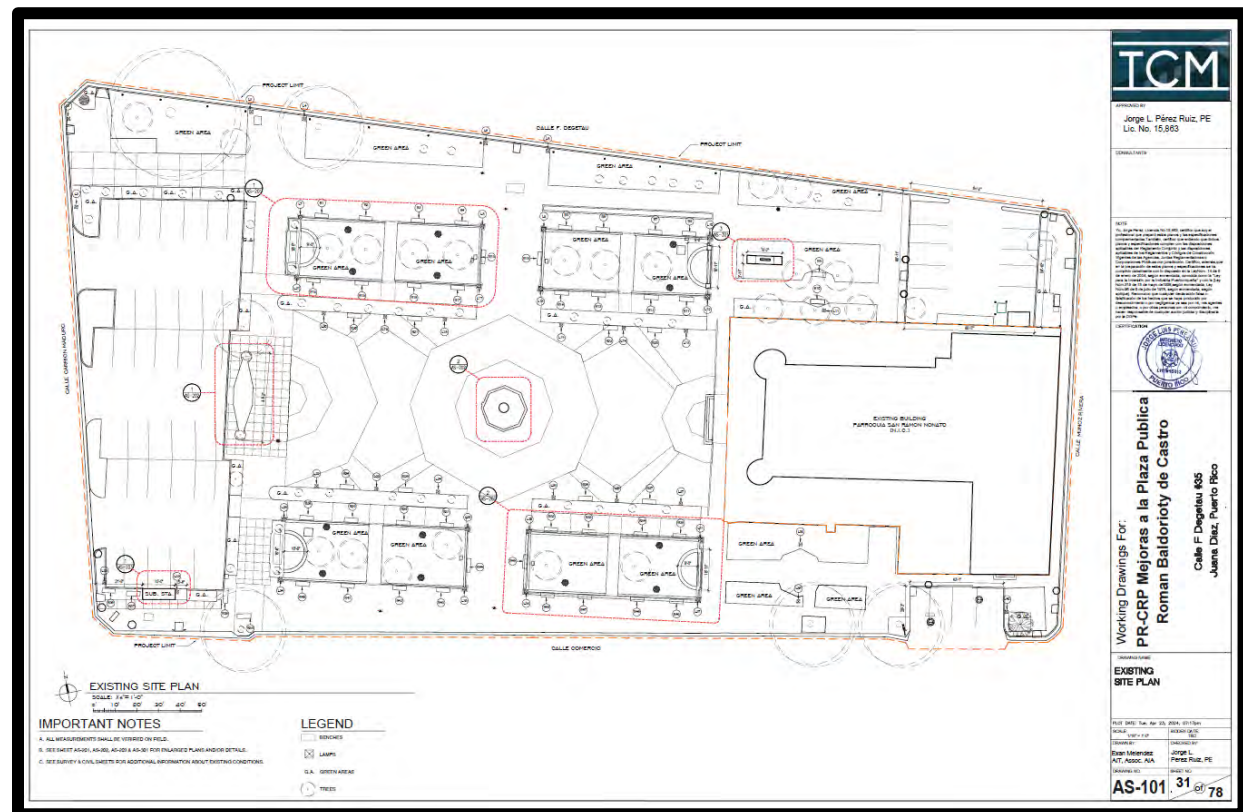
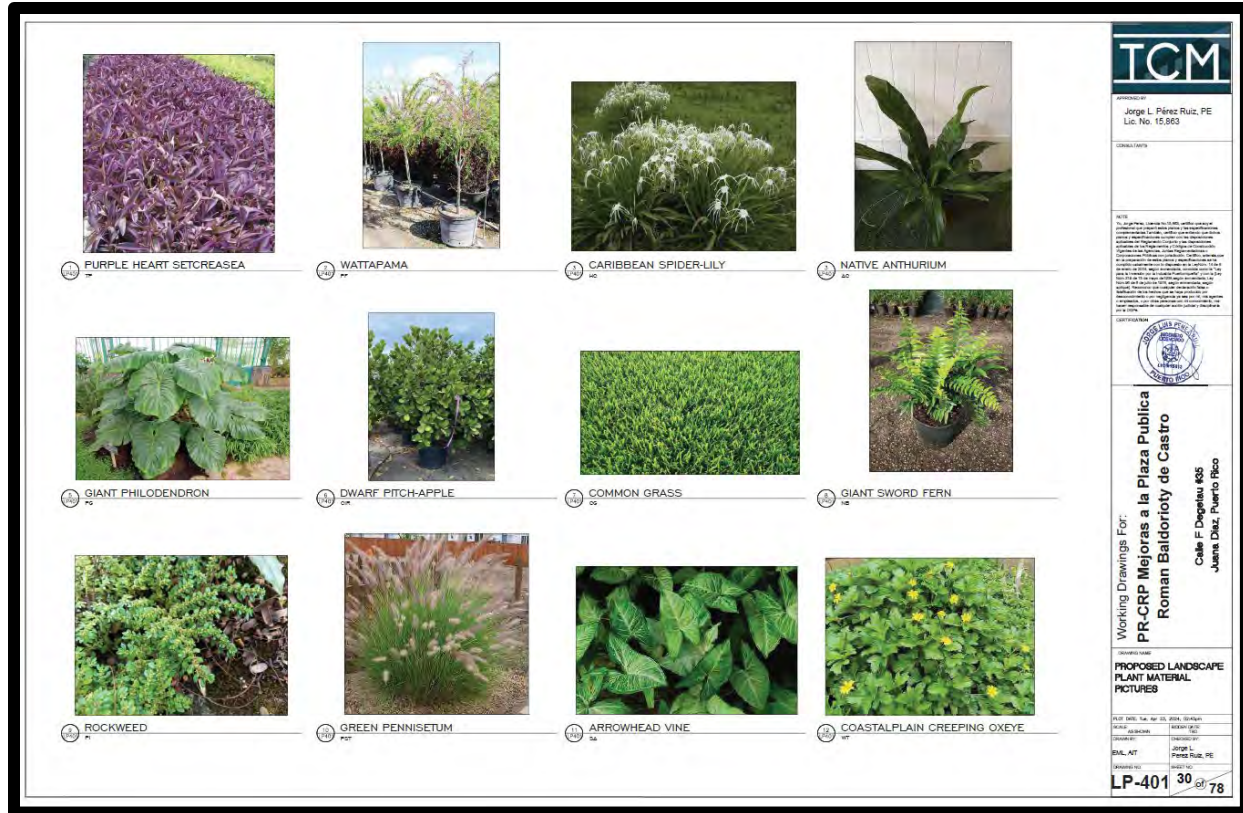
| NEW TREE/BUSHES PLANTING SCHEDULE | | | | | | |
|-----------------------------------|-----|-----|--------------------------------|-----------------------|----------------|------------|
| SYM | QTY | KEY | BOTANICAL NAME | COMMON NAME | SIZE | STOCK |
| * CD | | | <i>COCCOLOBA DIVERSIFOLIA</i> | PIGEONPLUM | 2" CAL. 9" HT. | 25 GAL. |
| * PF | | | <i>POITEA FLORIDA</i> | WATTAPAMA | 1" CAL. 6" HT. | 10 GAL. |
| * HC | | | <i>HYMENOCALLIS CARIBAEA</i> | CARIBBEAN SPIDER-LILY | 15' x 16" HT. | 2 GAL. |
| * AC | | | <i>ANTHURIUM CRENATUM</i> | NATIVE ANTHURIUM | 15' MIN. HT. | 3 GAL. |
| * PG | | | <i>PHILODENDRON GIGANTEUM</i> | GIANT PHILODENDRON | 24' MIN. HT. | 3 GAL. |
| * CLR | | | <i>CLUSIA ROSEA "NANA"</i> | DWARF PITCH-APPLE | 18' MIN. HT. | 2 GAL. |
| * NB | | | <i>NEPHROLEPIS BISERATA</i> | GIANT SWORD FERN | 18' MIN. HT. | 2 GAL. |
| * PI | | | <i>PILEA MACROPHYLLA</i> | ROCKWEED | 6' MIN. HT. | 1 GAL. |
| * PST | | | <i>PENNISETUM SETACEUM</i> | PENNISETUM | 24' MIN. HT. | 3 GAL. |
| * SA | | | <i>SYNGONIUM PODOPHYLLUM</i> | ARROWHEAD VINE | 6' MIN. HT. | 10" BASKET |
| * WT | | | <i>SPHAGNETICOLA TRILOBATA</i> | WEDELIA | 30' MAX. HT. | 50" TRAY |
| * TP | | | <i>TRADESCANTIA PALLIDA</i> | PURPLE HEART | 6' MIN. HT. | VARIES |
| * CG | | | <i>CYNODON DACTYLON</i> | COMMON GRASS | VARIES | VARIES |

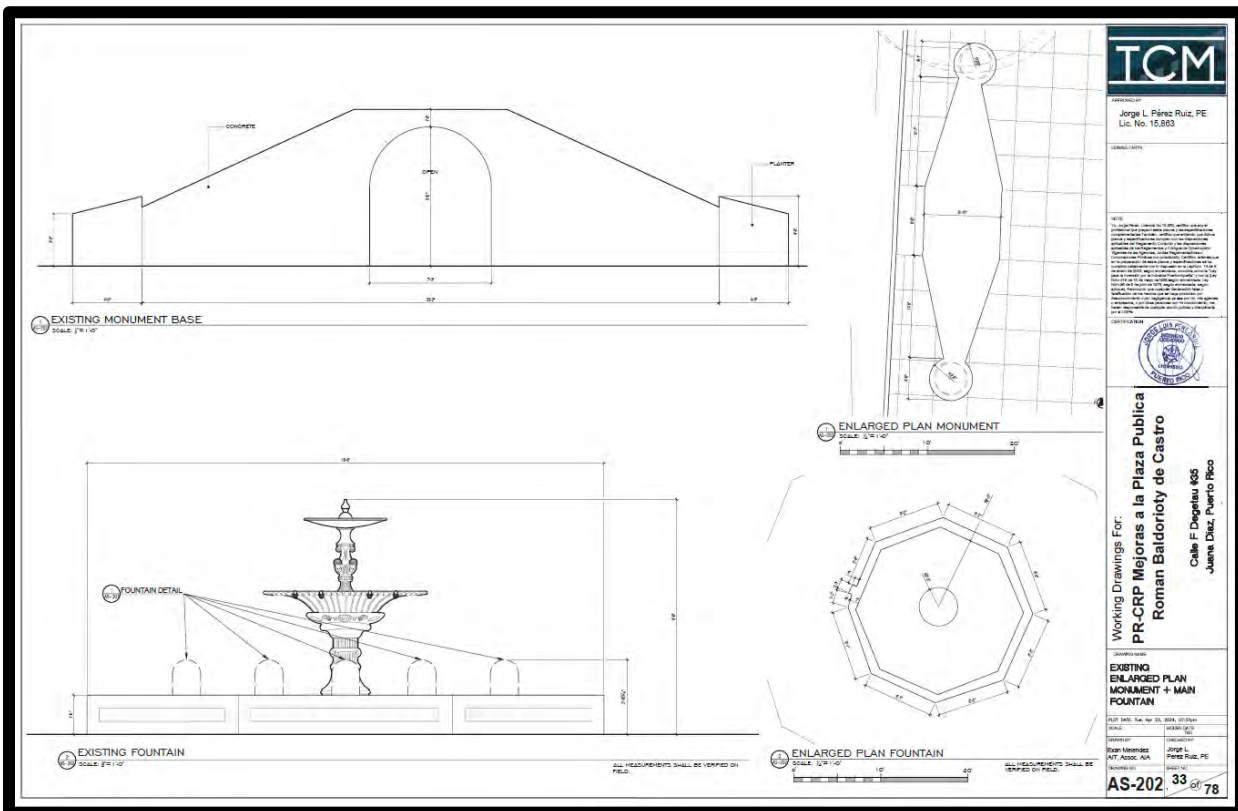
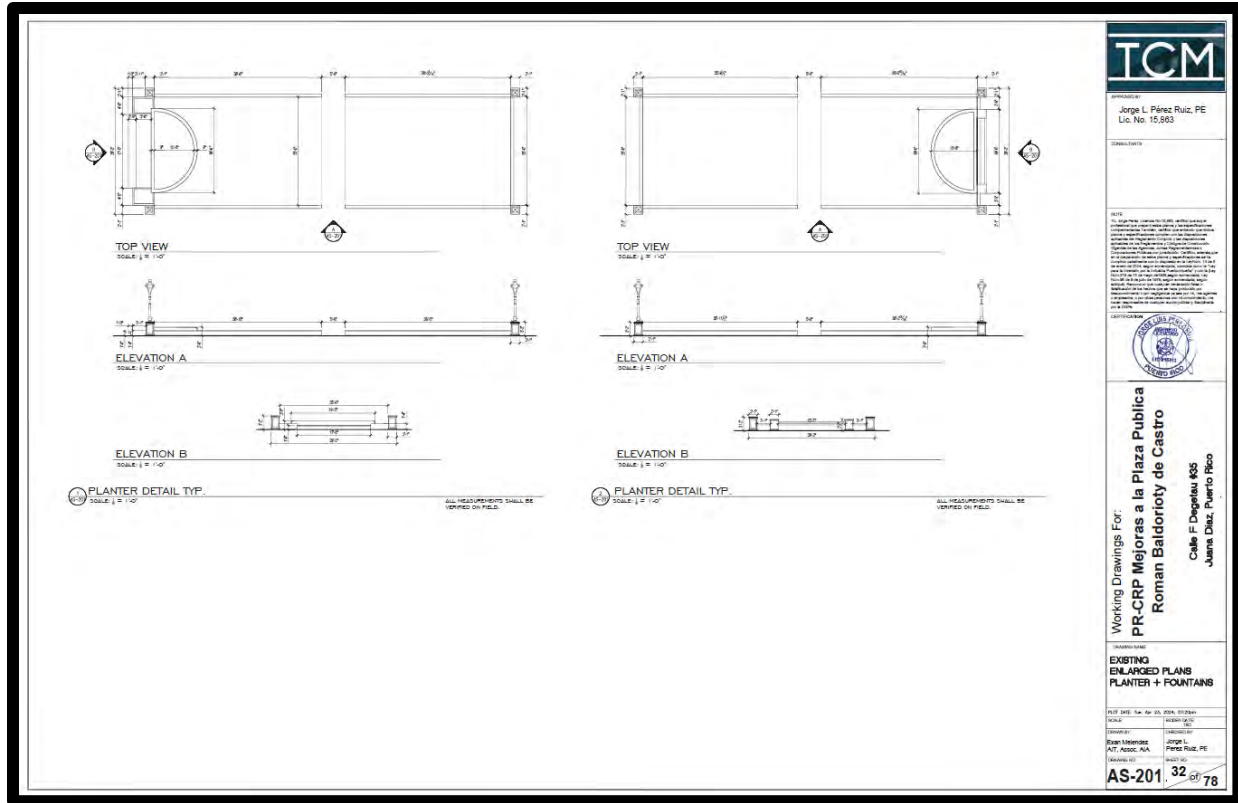
TCM
Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

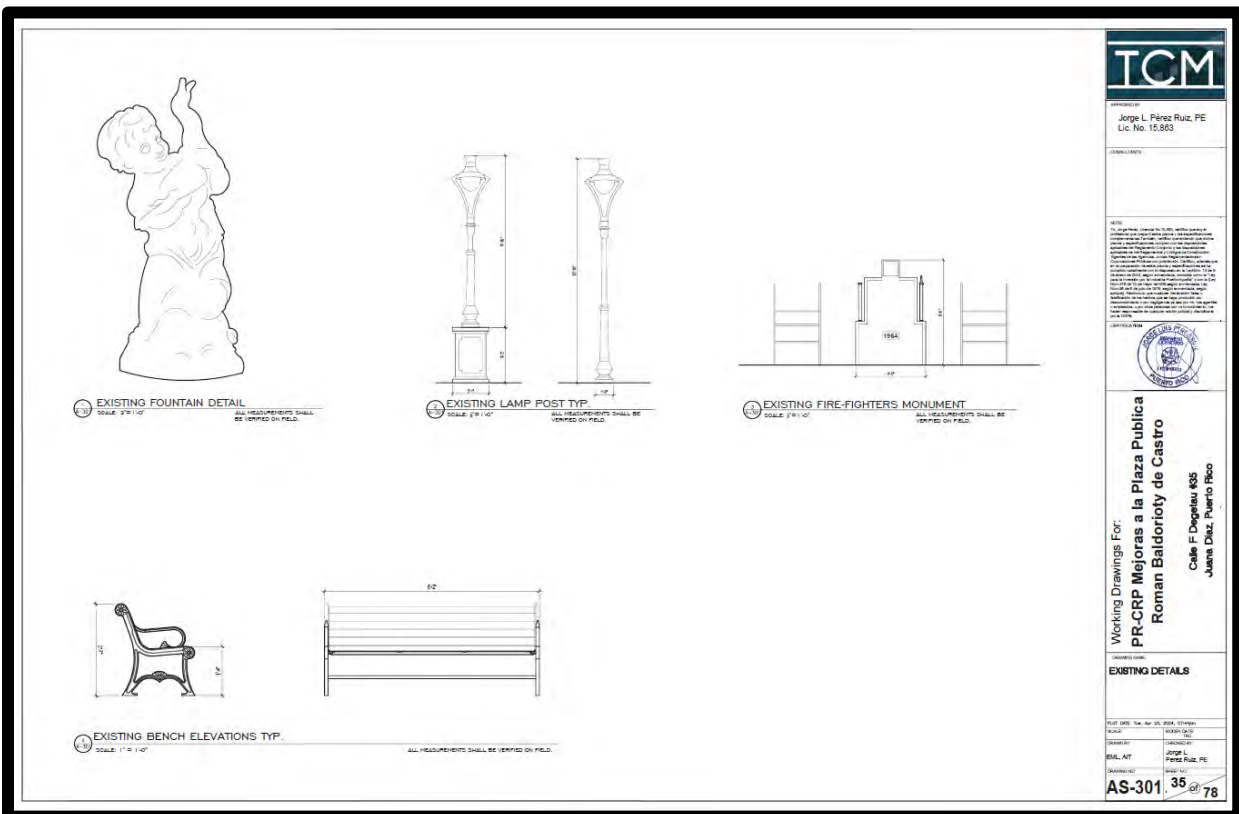
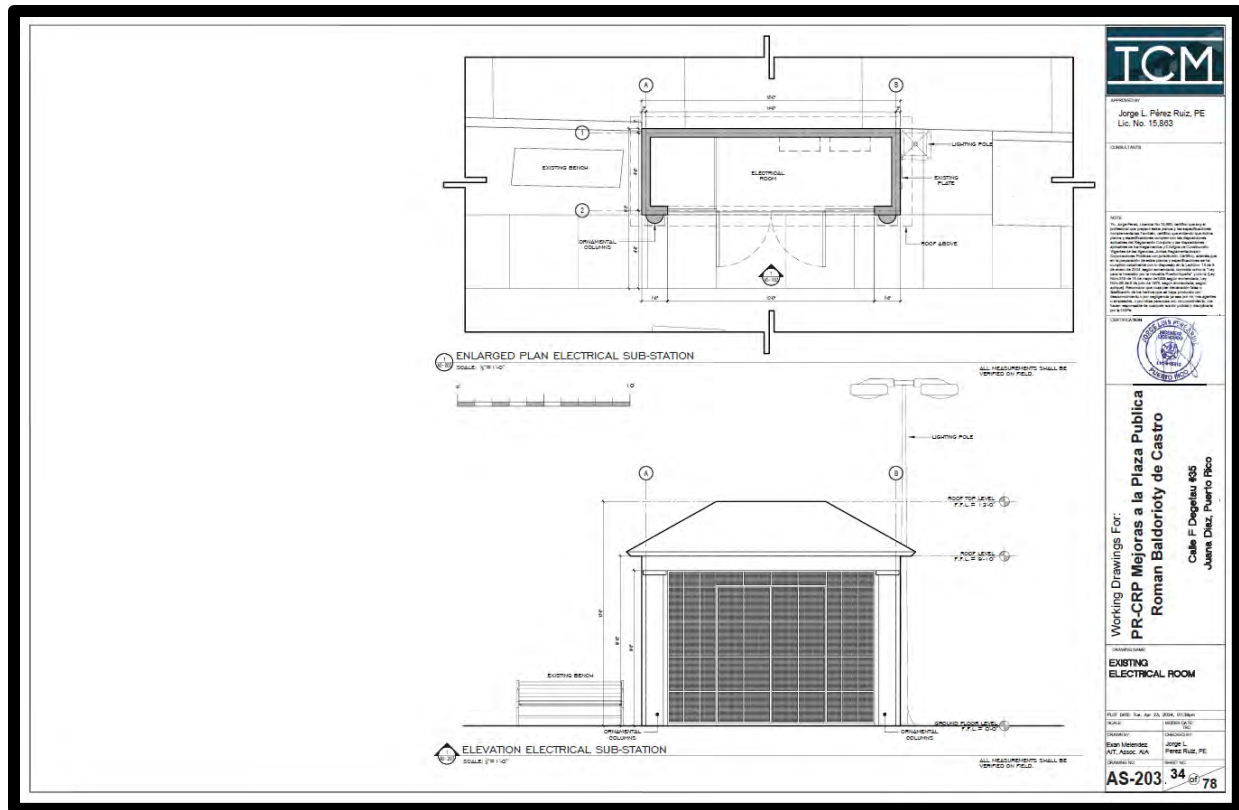
Working Drawings For:
PR-CRP Mejoras a la Plaza Pública Roman Baldorioty de Castro
Calle F. Deglau #35
Juana Díaz, Puerto Rico

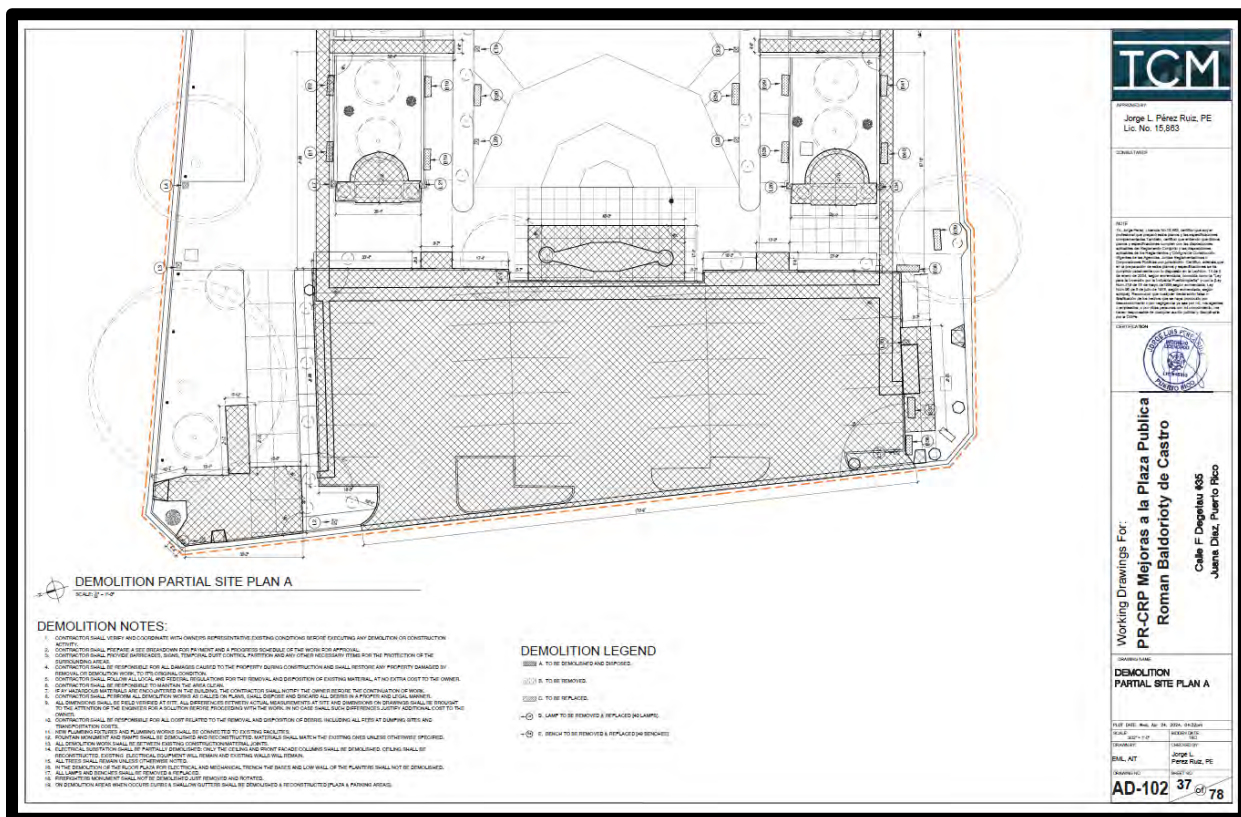
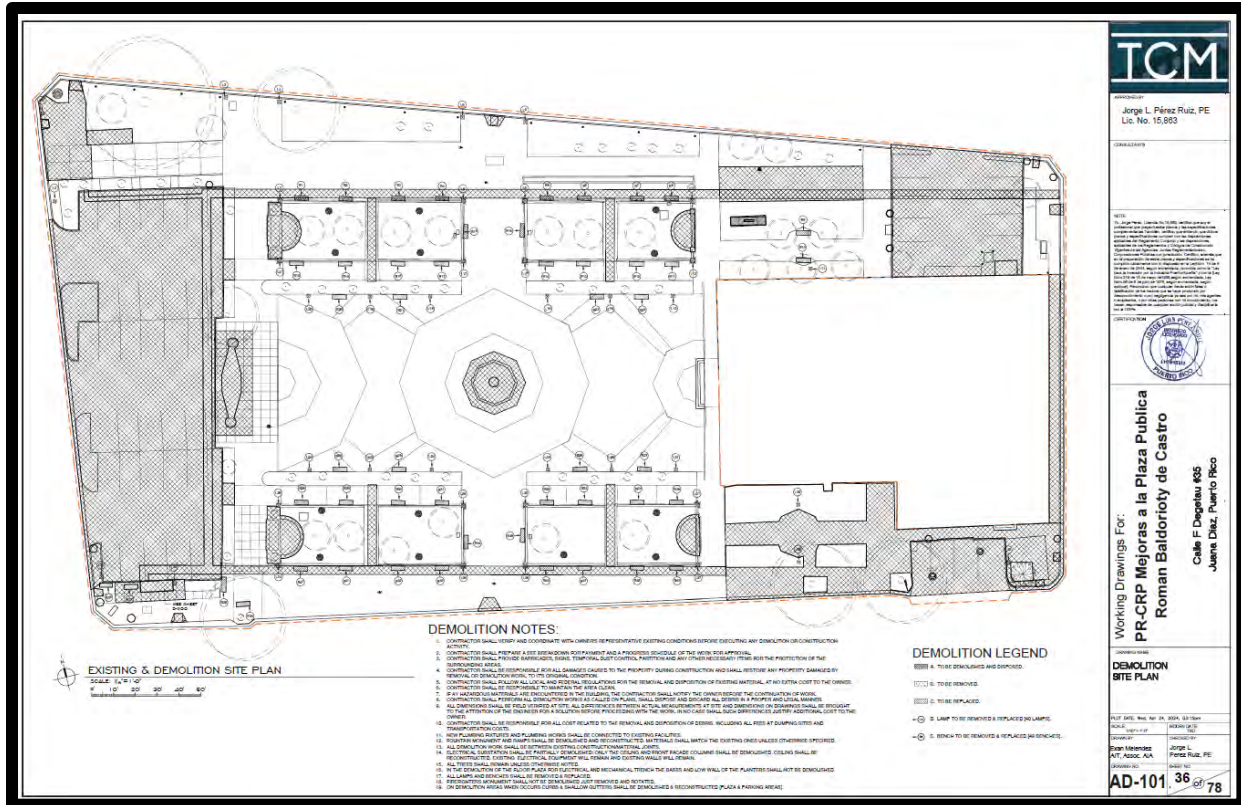
PROPOSED LANDSCAPE PLANTING SCHEDULE

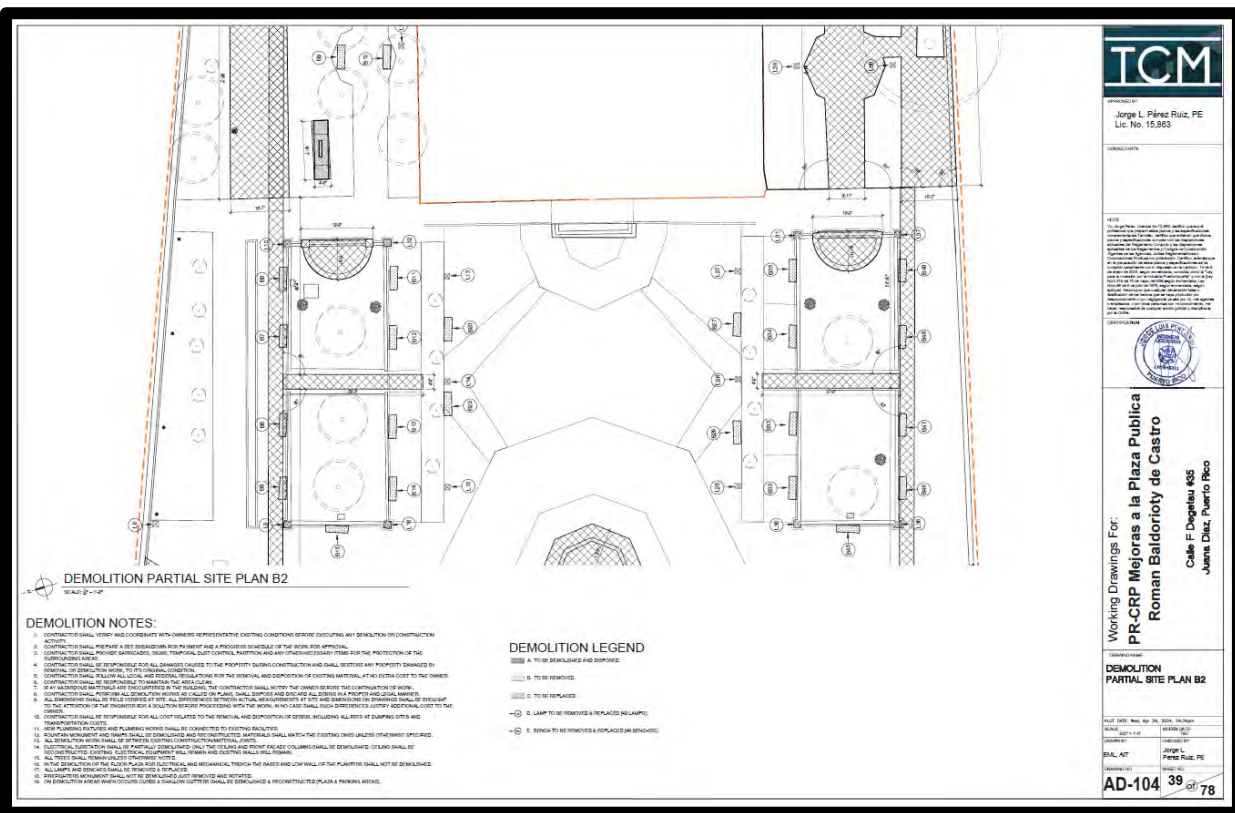
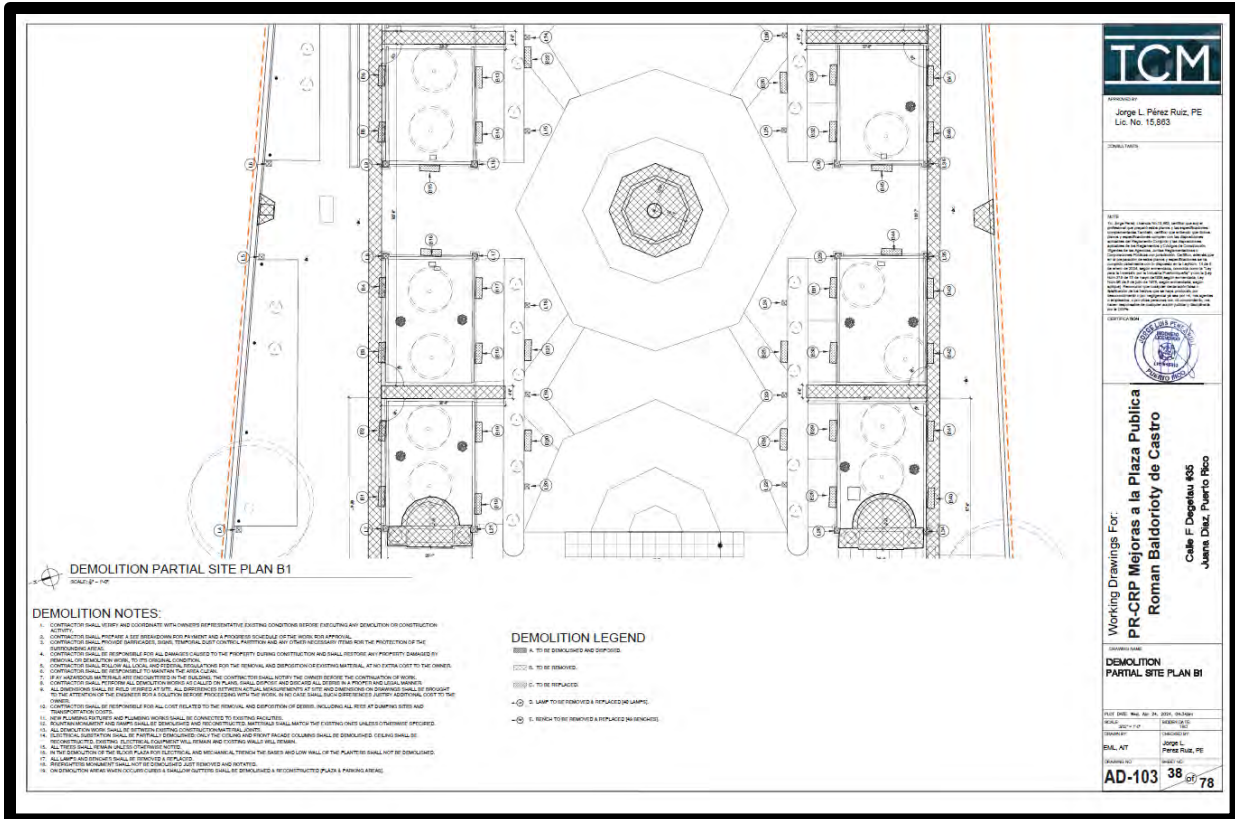
LP-301 29 of 78

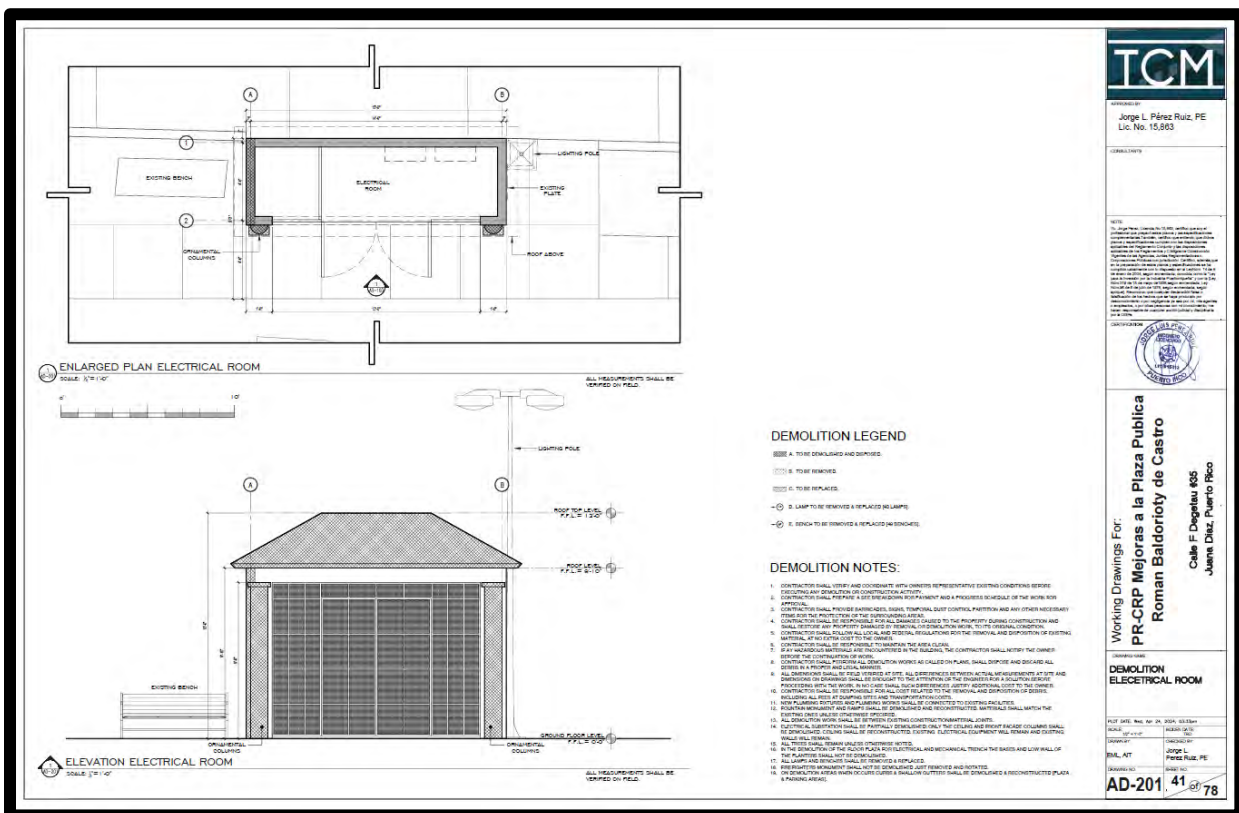
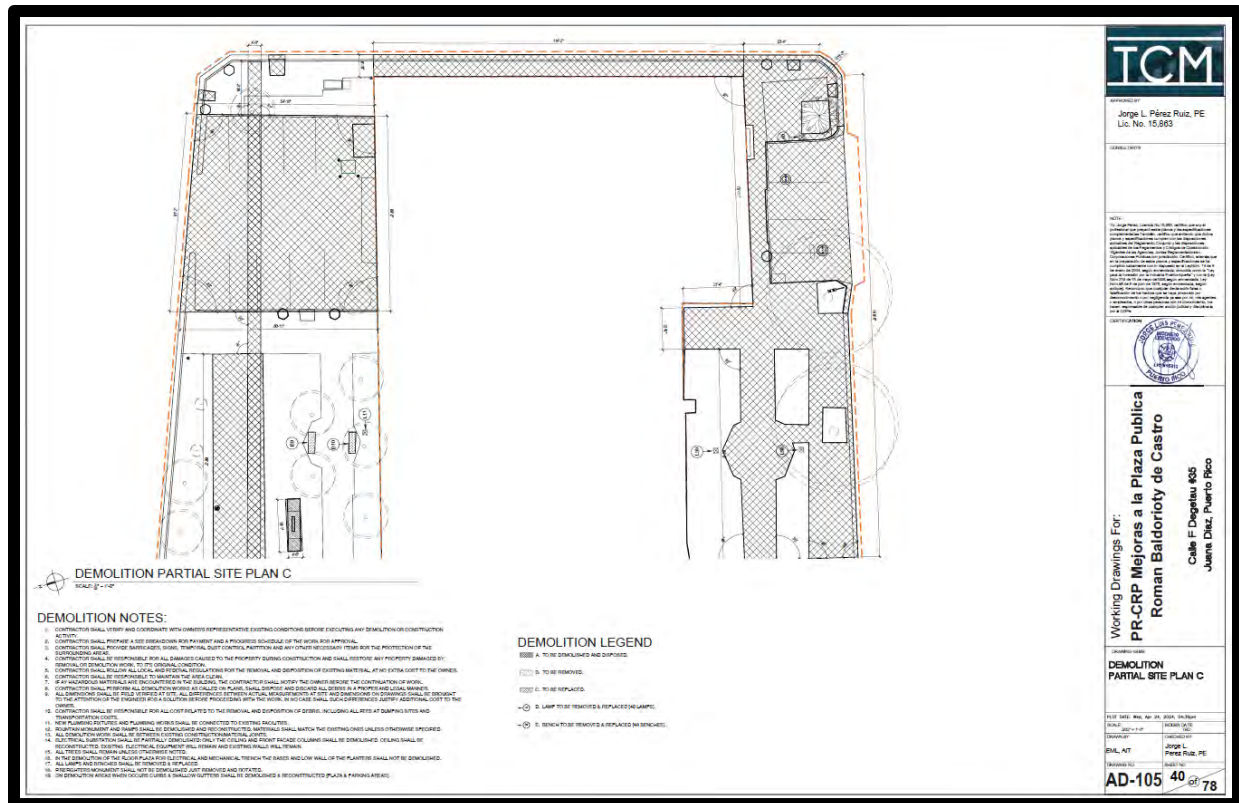


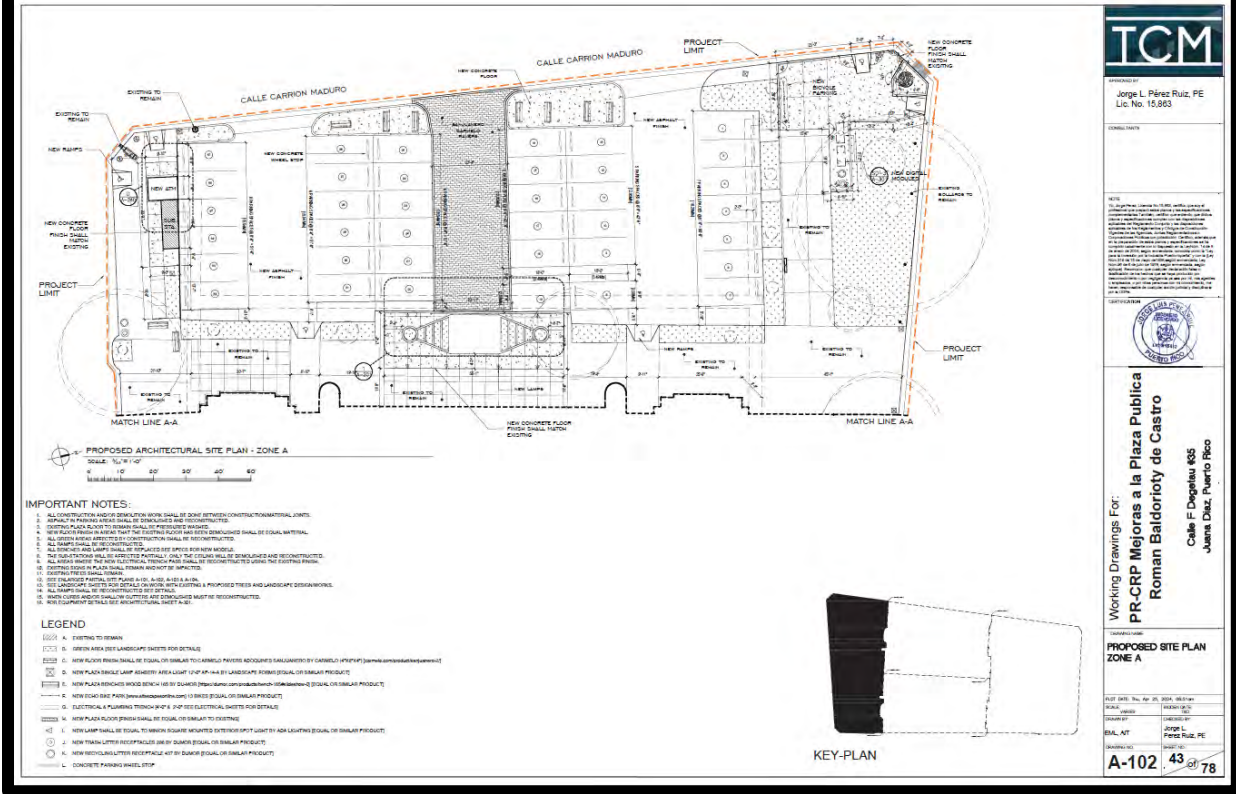
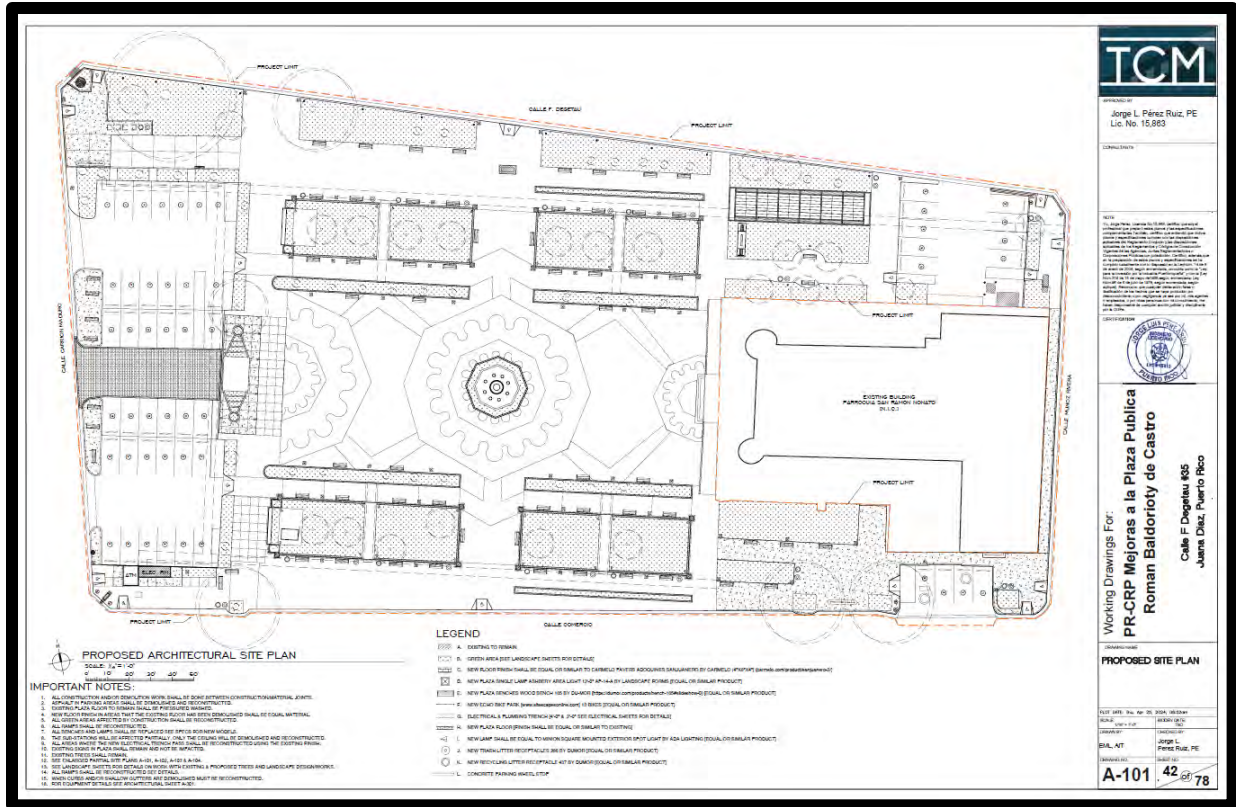


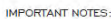












- [illegible]

LEGEND

- [illegible]

PROPOSED ARCHITECTURAL SITE PLAN - ZONE B I

SCALE: $\eta_{20} = 1.0$

KEY-PLAN

TCM

Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

| |
|------------|
| CONSULTANT |
|------------|

[illegible]

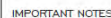
**Mejoras a la Plaza Publica
Baldorioty de Castro**

Working Drawings For:

**PROPOSED
PARTIAL SITE PLAN
B1**

| | |
|---------------------------------------|----------------------|
| PLDT DATE: Thu, Apr 25, 2025, 09:05am | |
| SENDER: 9704 7107 | RECEIVED DATE: 180 |
| ORIGIN: 9704 7107 | CHARGED BY: JERRY L. |

A-103 44 of 77



- [illegible]

LEGEND

3. EXISTING TO REMAIN
 4. NEW PLYWOOD SHALL BE EQUAL OR SIMILAR TO CAMELBO PLYWOOD, KODJONGS (SUNDRATED) BY CAMELBO (PVT) LTD. (www.camelbo.com)
 5. NEW PLYWOOD SHALL HAVE GRADE NEW LEAF OR NEW LEAF + 4 BY LANDSAT, KODJONG (SUNDRATED) OR SIMILAR PLYWOOD
 6. NEW PLYWOOD SHOULD BE EQUAL OR SIMILAR TO CAMELBO PLYWOOD, KODJONGS (SUNDRATED) BY CAMELBO (PVT) LTD. (www.camelbo.com)
 7. NEW LEAF OR NEW PLYWOOD SHALL BE NEW LEAF OR NEW LEAF + 4 BY LANDSAT, KODJONG (SUNDRATED) OR SIMILAR PLYWOOD
 8. ELECTRICAL & PLUMBING TRUNKING & JOINTS SHALL BE ELECTRICAL & PLUMBING TRUNKING (SUNDRATED)
 9. NEW PLYWOOD (SHOULD BE EQUAL OR SIMILAR TO CAMELBO PLYWOOD, KODJONGS (SUNDRATED) BY CAMELBO (PVT) LTD. (www.camelbo.com)
 10. NEW PLYWOOD SHALL BE EQUAL TO MINOR KODJONGS (SUNDRATED) EXTENDED (SPOT) LEAF BY NEW LEAF (SUNDRATED) OR SIMILAR PLYWOOD
 11. NEW PLYWOOD (SHOULD BE EQUAL OR SIMILAR TO CAMELBO PLYWOOD, KODJONGS (SUNDRATED) BY CAMELBO (PVT) LTD. (www.camelbo.com)
 12. CONCRETE FINISHING RECEIPTS ARE IN (SUNDRATED) (SUNDRATED) OR SIMILAR PLYWOOD
 13. CONCRETE FINISHING RECEIPTS ARE IN (SUNDRATED) (SUNDRATED) OR SIMILAR PLYWOOD

PROPOSED ARCHITECTURAL SITE PLAN - ZONE Bc

SCALE: $\frac{1}{2}$ " = 1'-0"

KEY-PLAN

TCM

Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

Continued

[illegible]

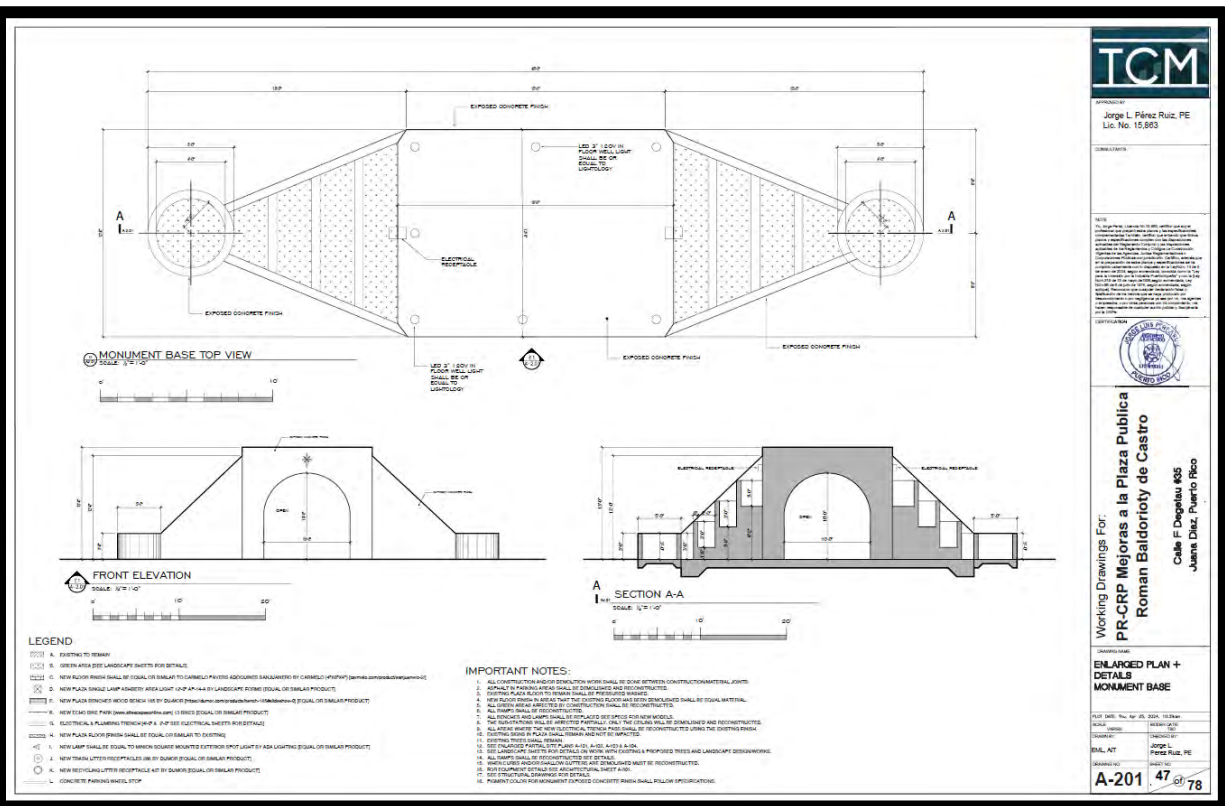
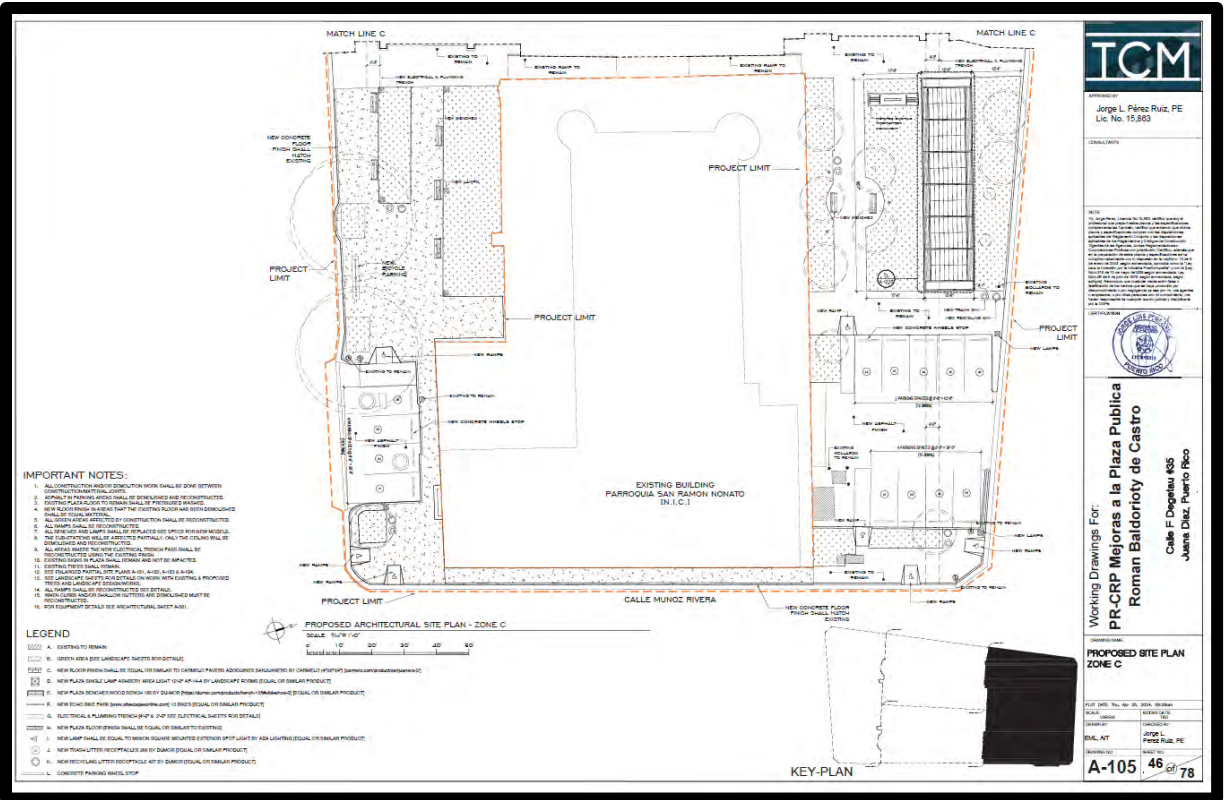
**Wings For:
Mejoras a la Plaza Publica
Baldorioty de Castro**

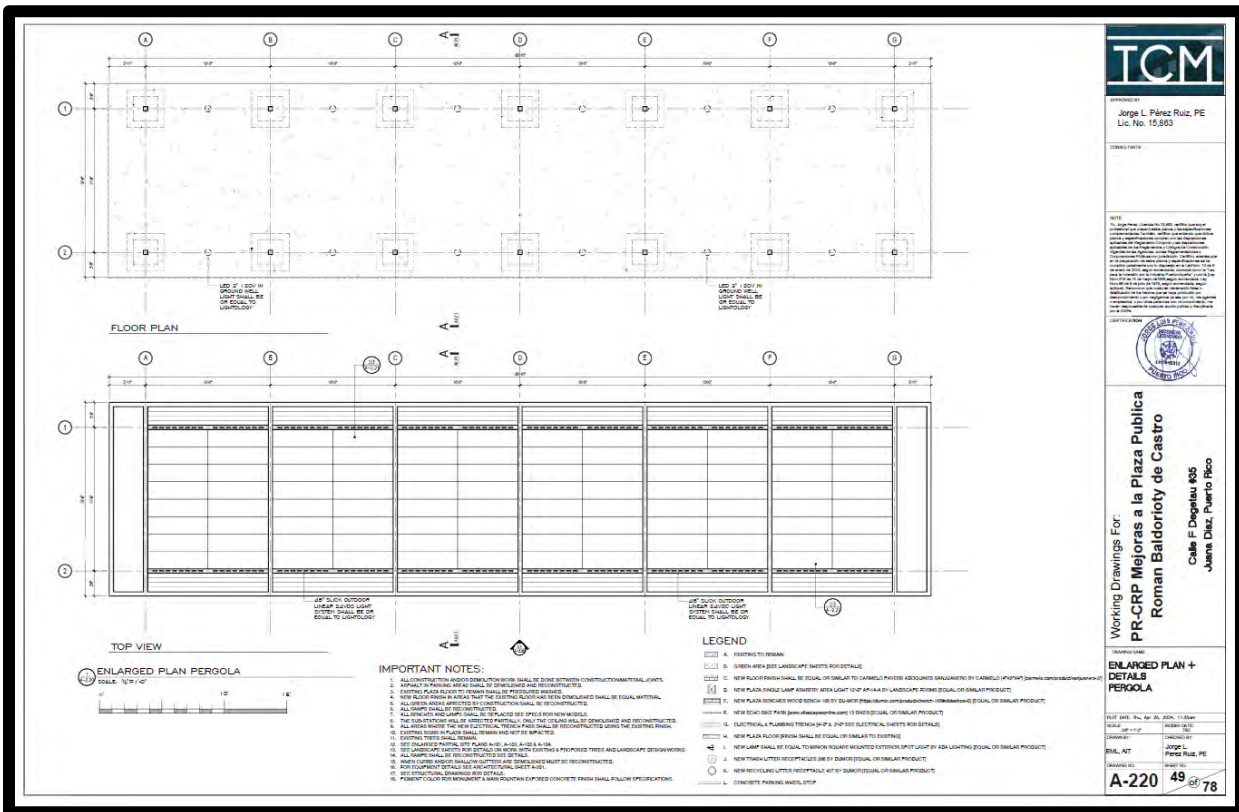
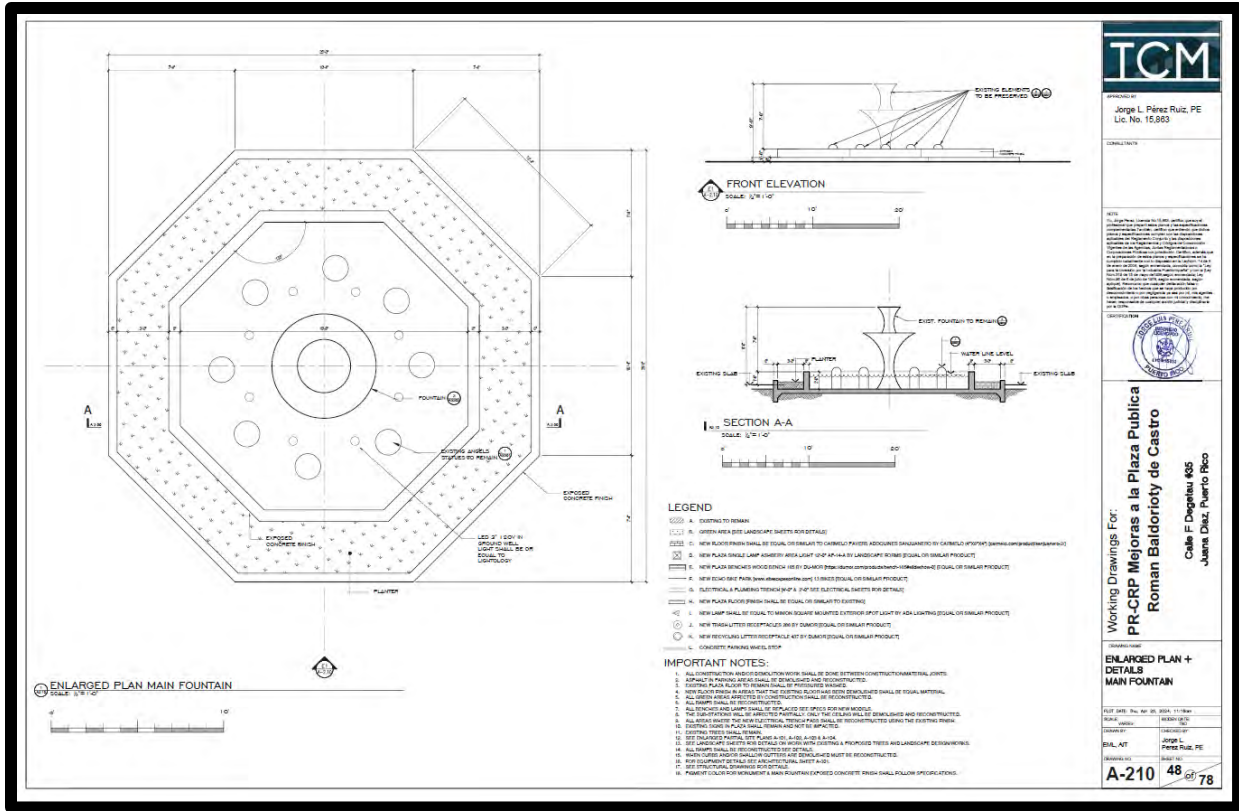
Working Drawings For:

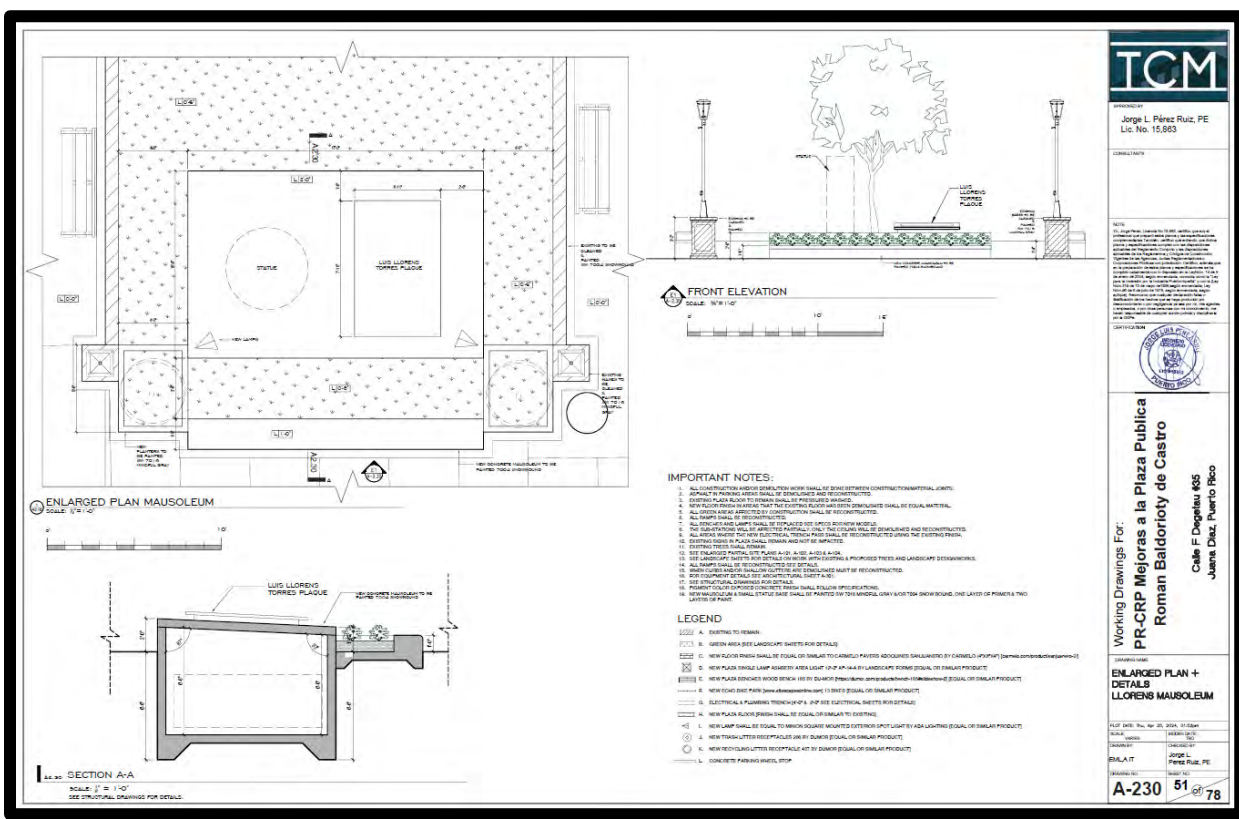
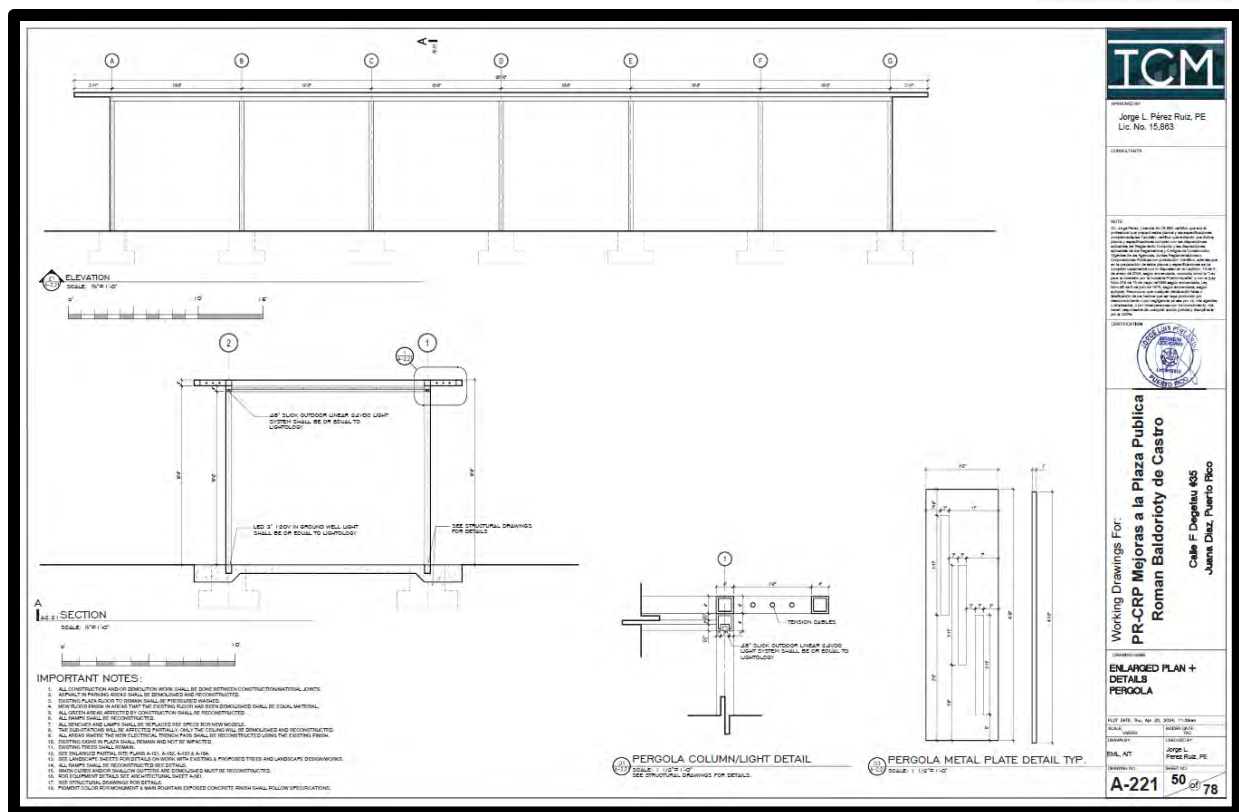
**PROPOSED SITE PLAN
ZONE B2**

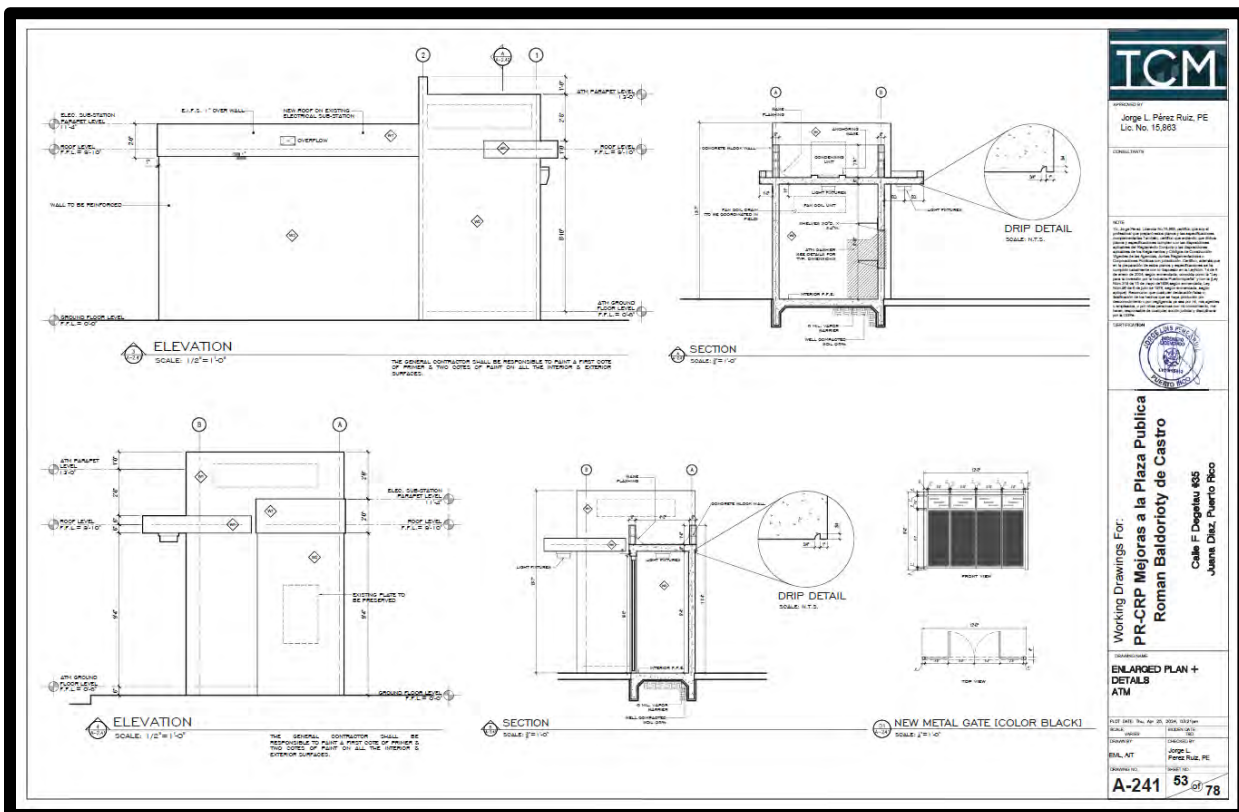
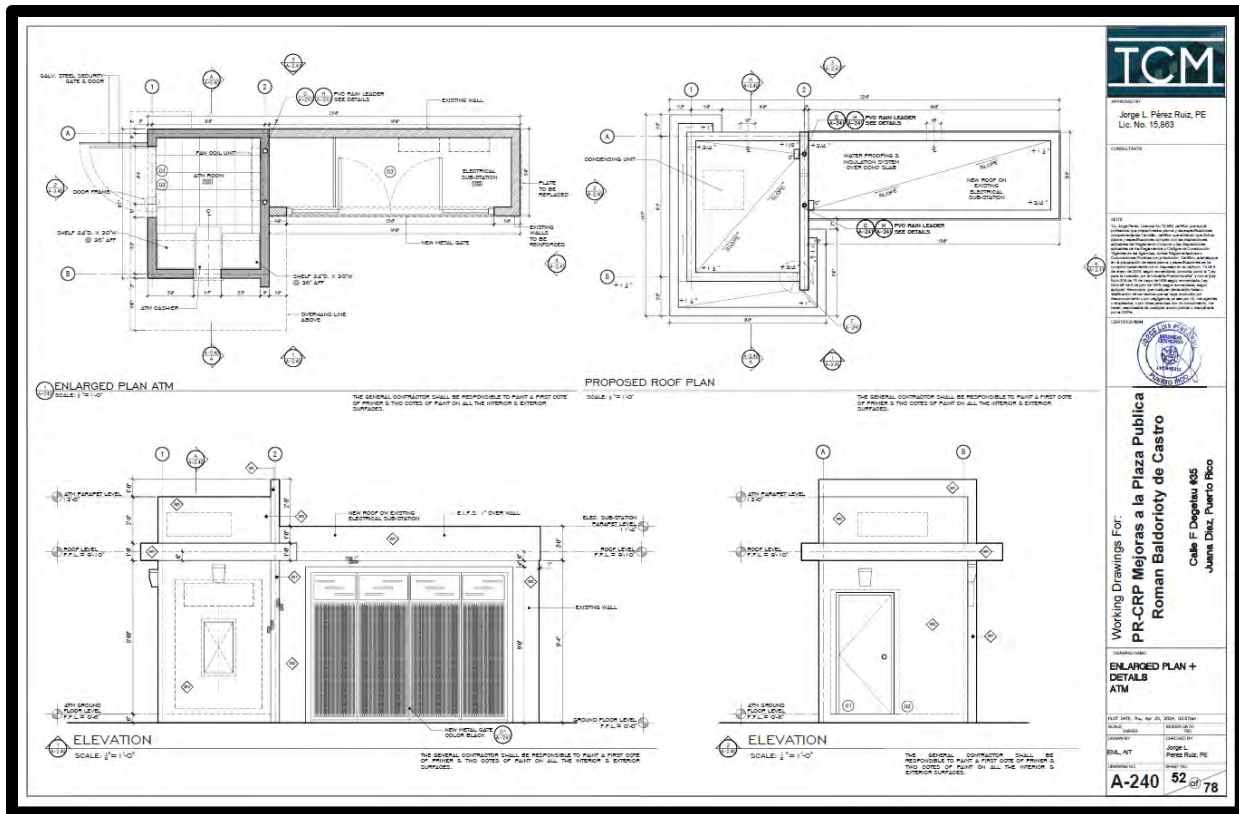
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|---------------------------------------|-------------------------|
| PLOT DATE: Thu, Apr 20, 2006, 08:00am | |
| SCALE: 1:50000 | RECORD DATE: TWO |
| SKETCH BY: [Signature] | CHECKED BY: [Signature] |

| | |
|--------------|------------------------|
| EXAM. AT | Perez Ruiz, PE |
| DRAWING NO. | SHEET NO. |
| A-104 | 45 of 78 |

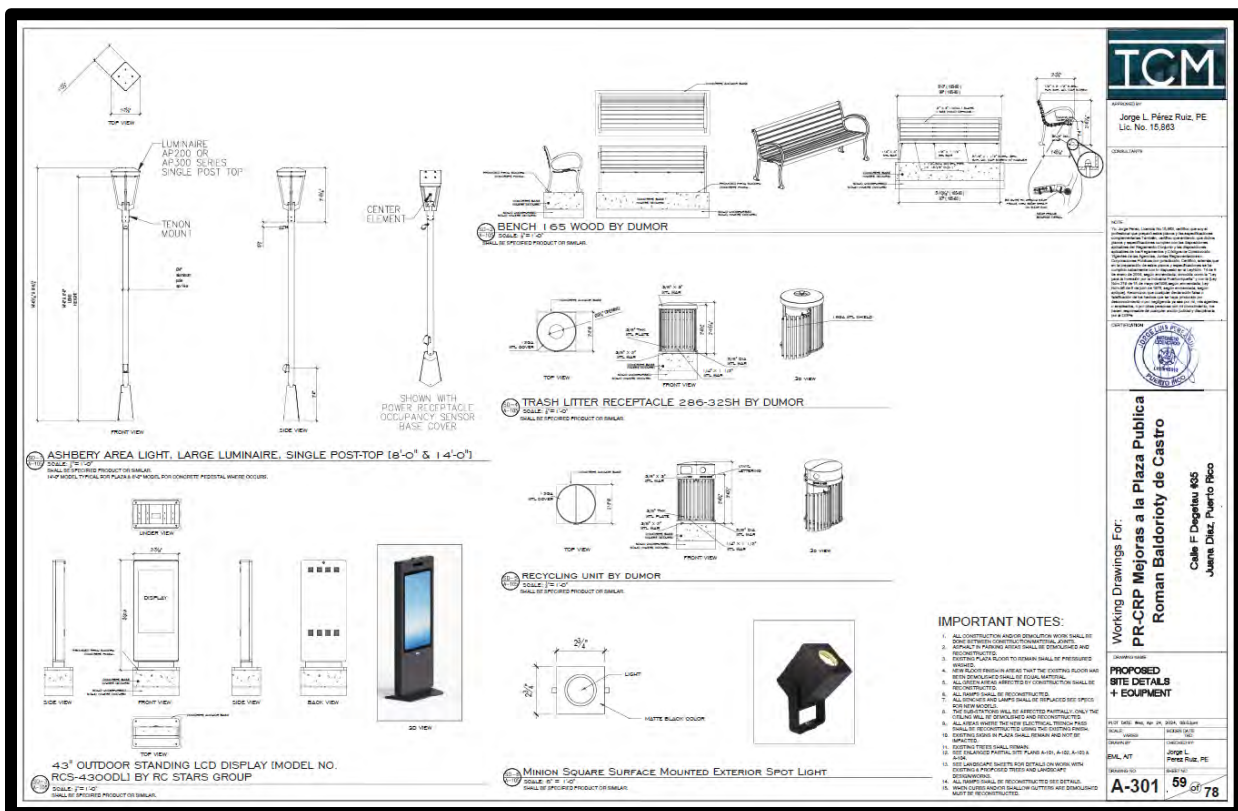
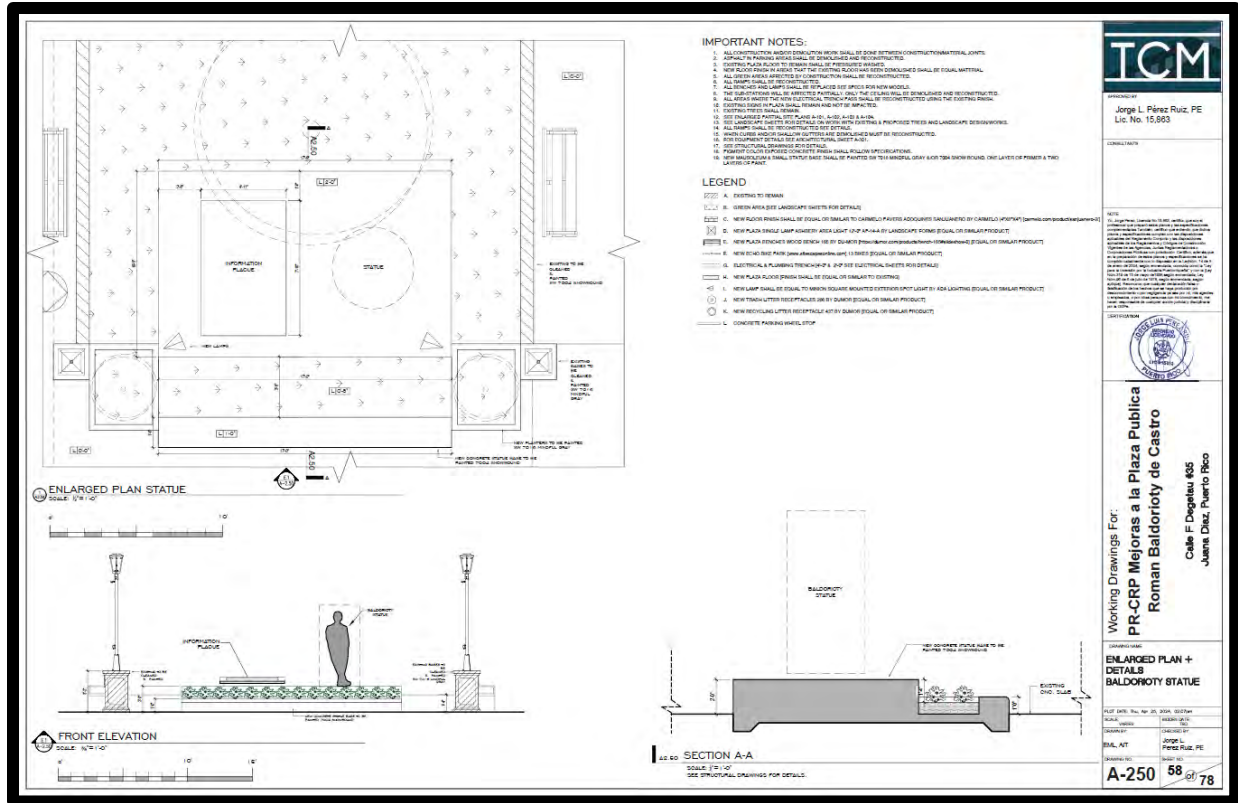


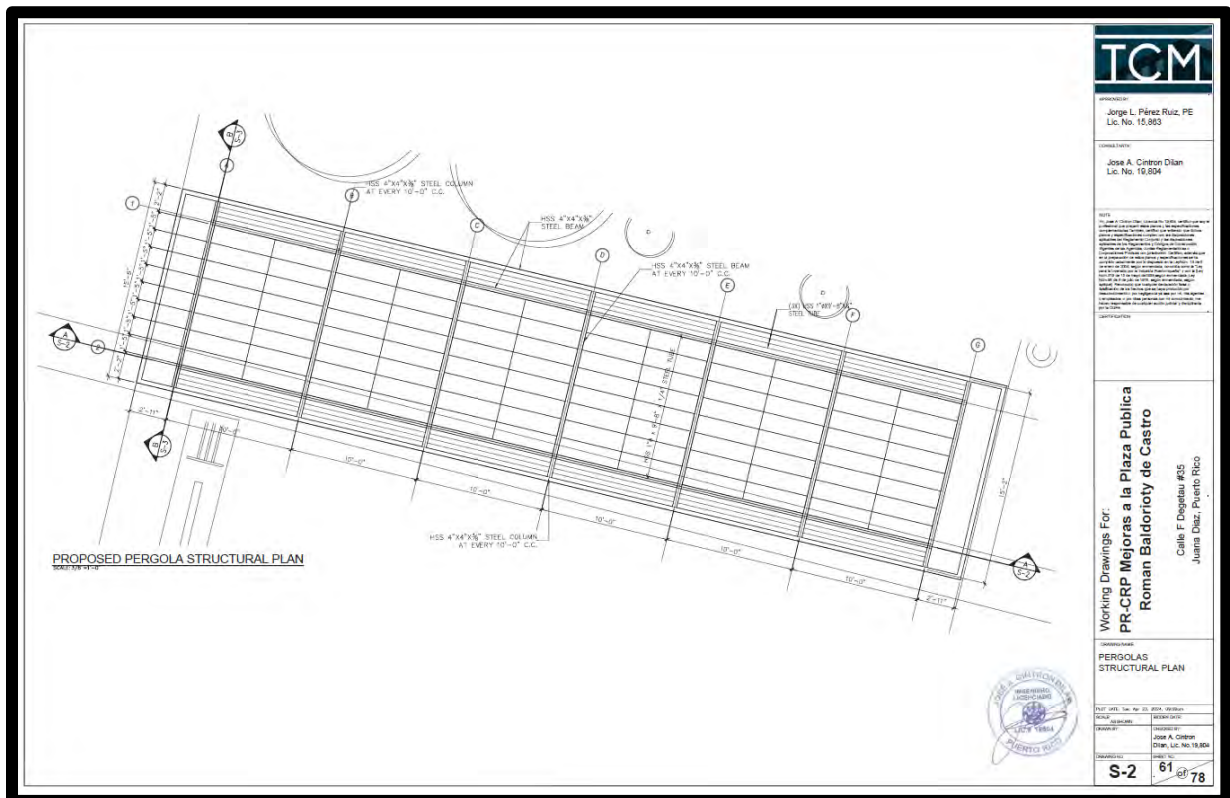
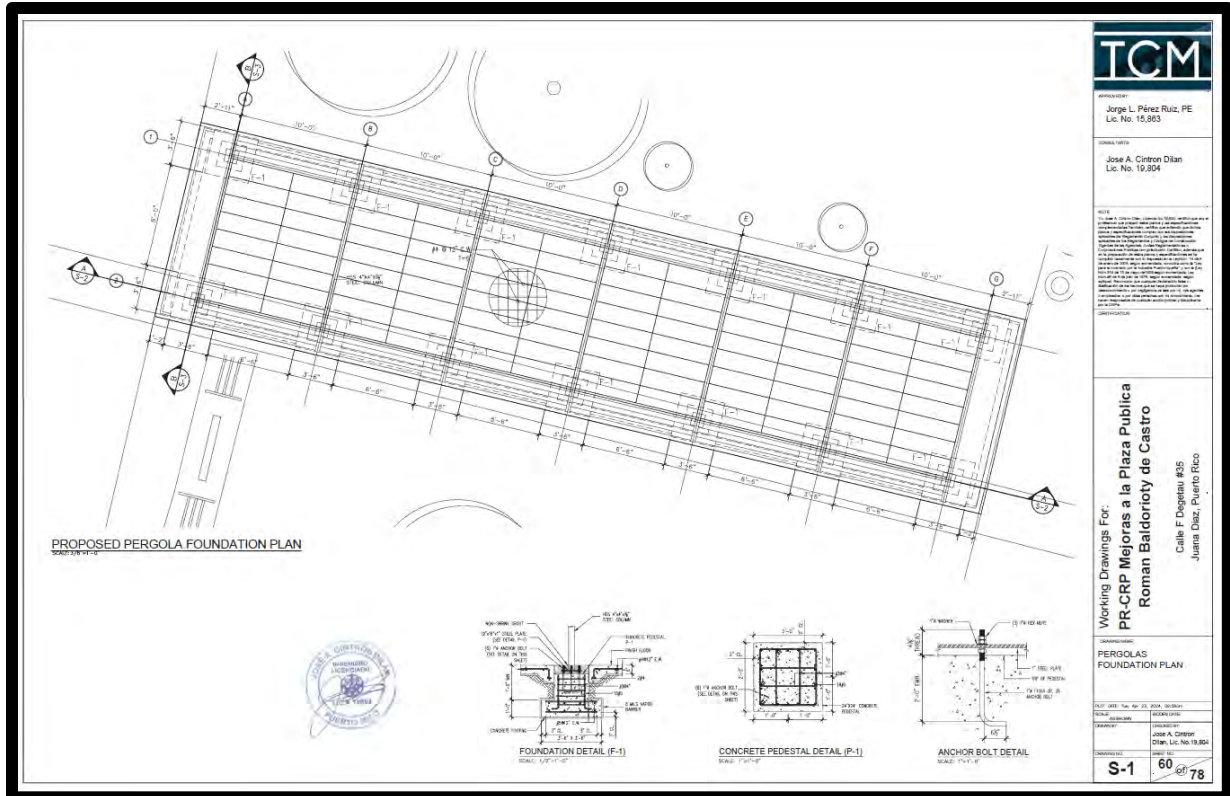


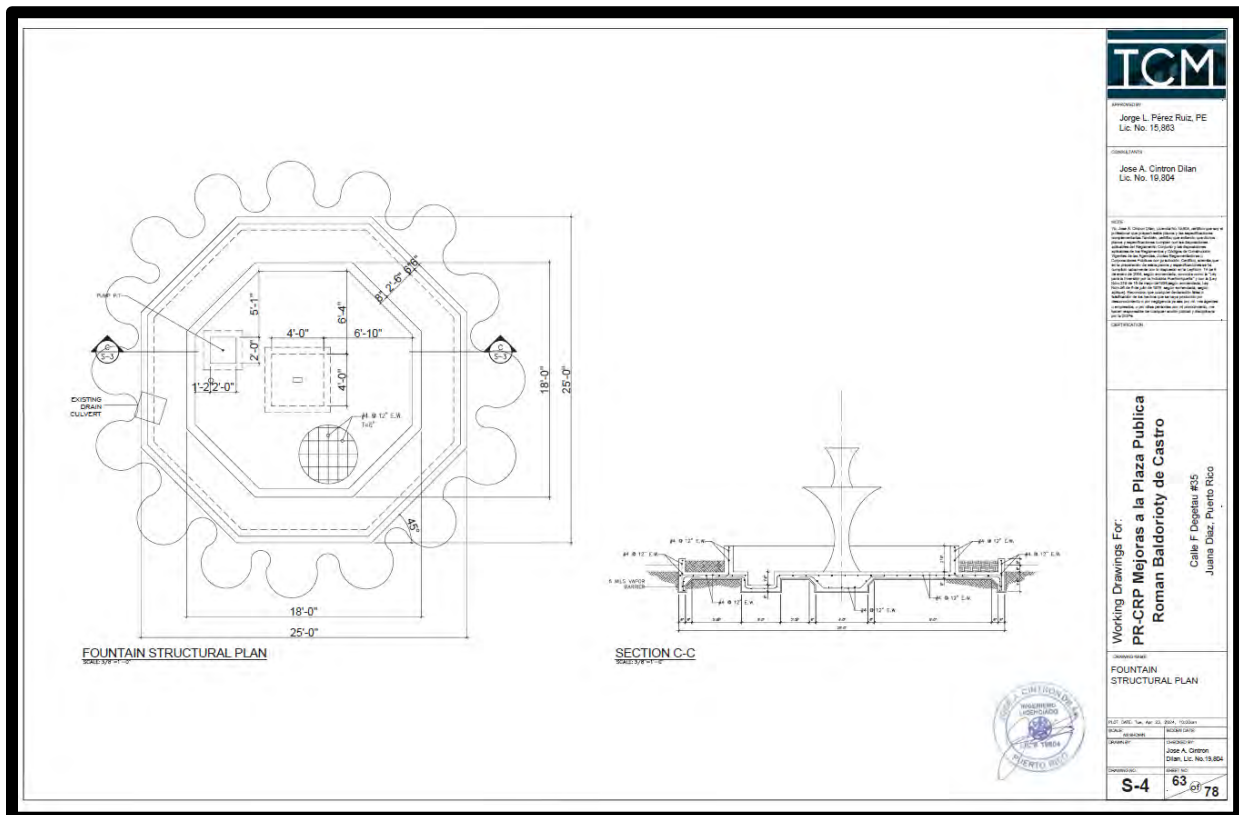
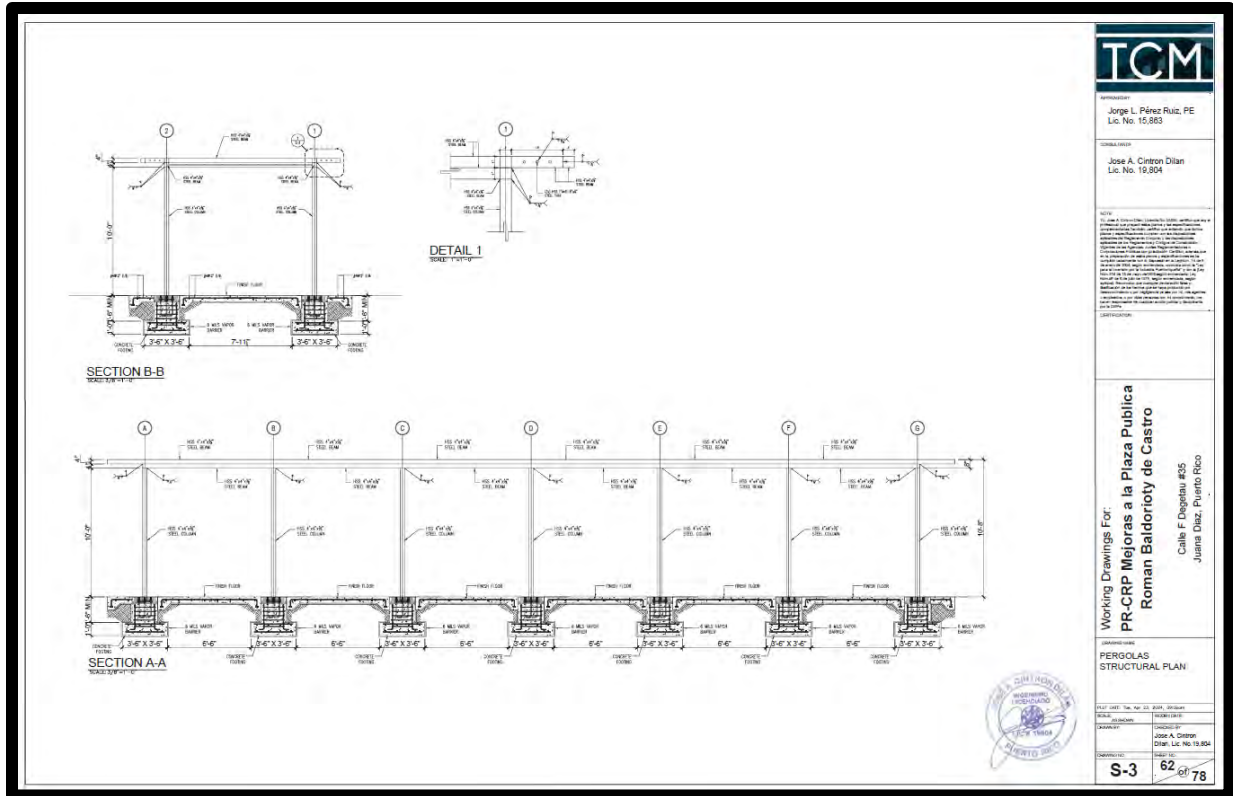


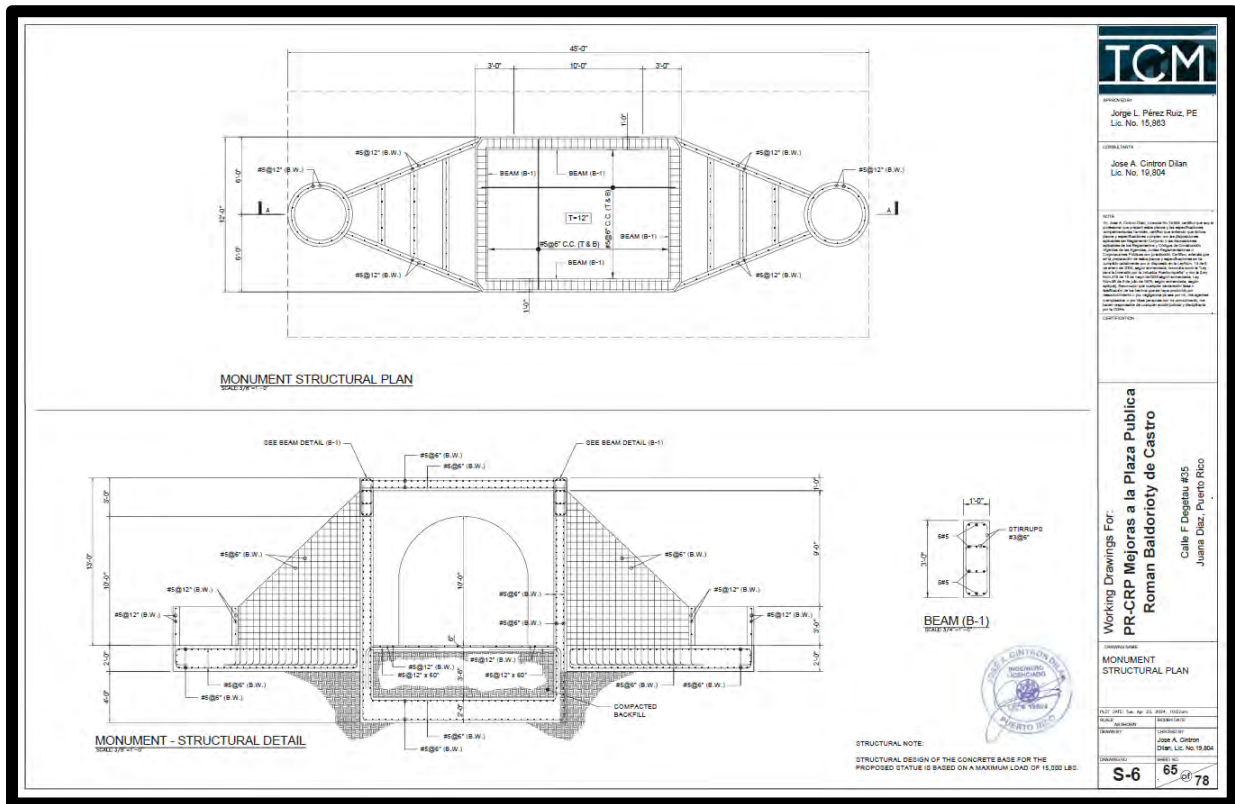
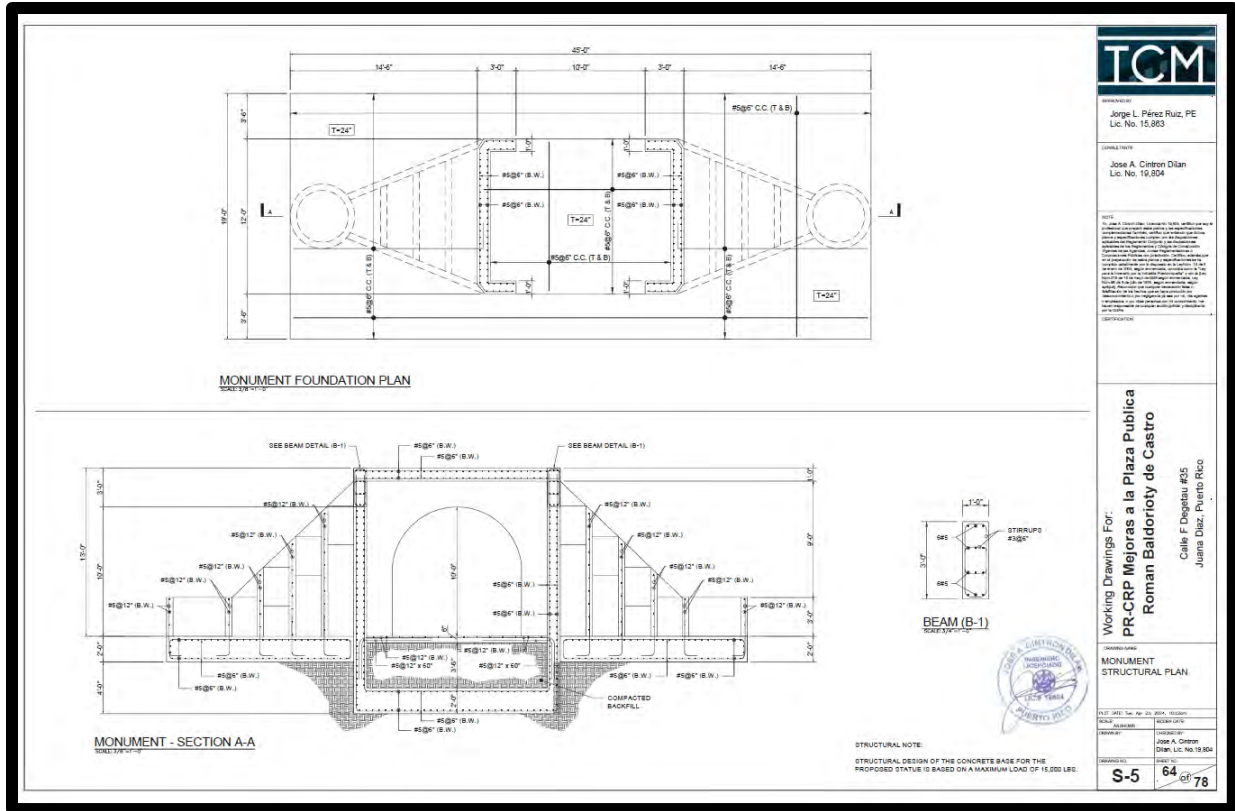


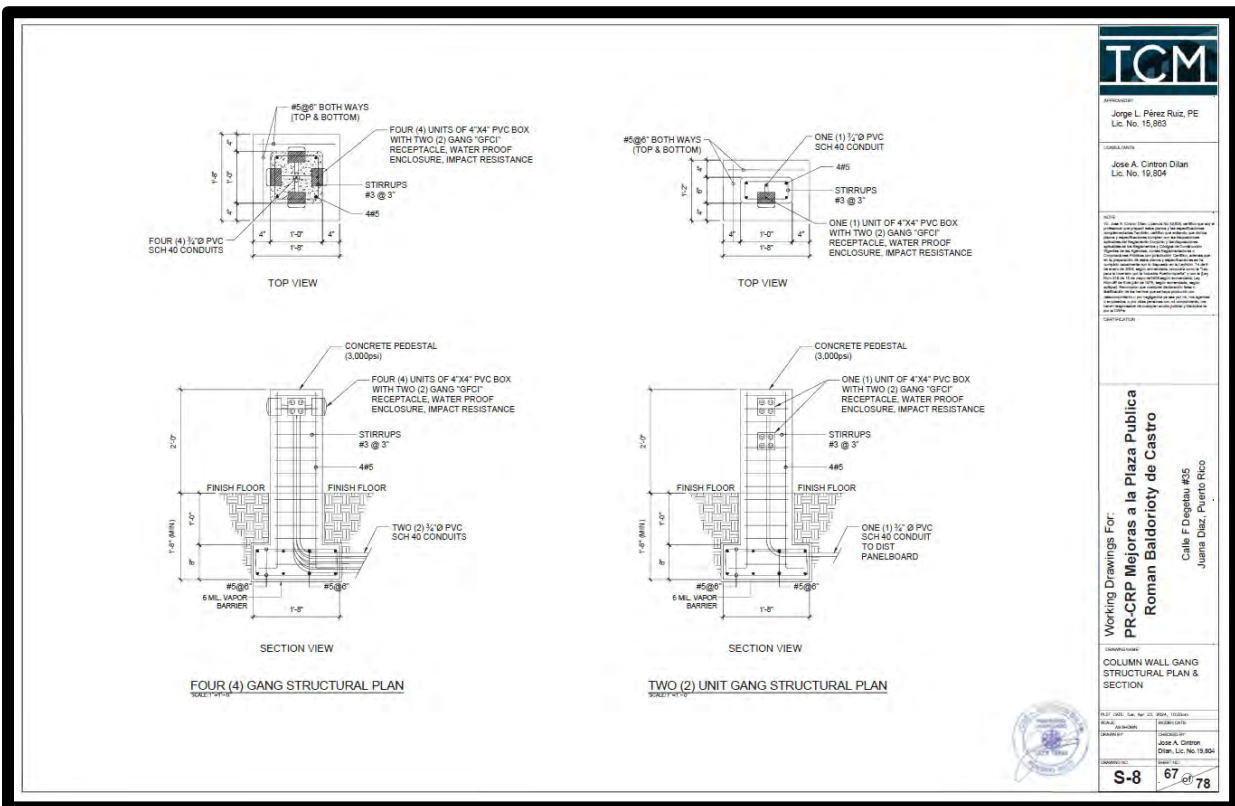
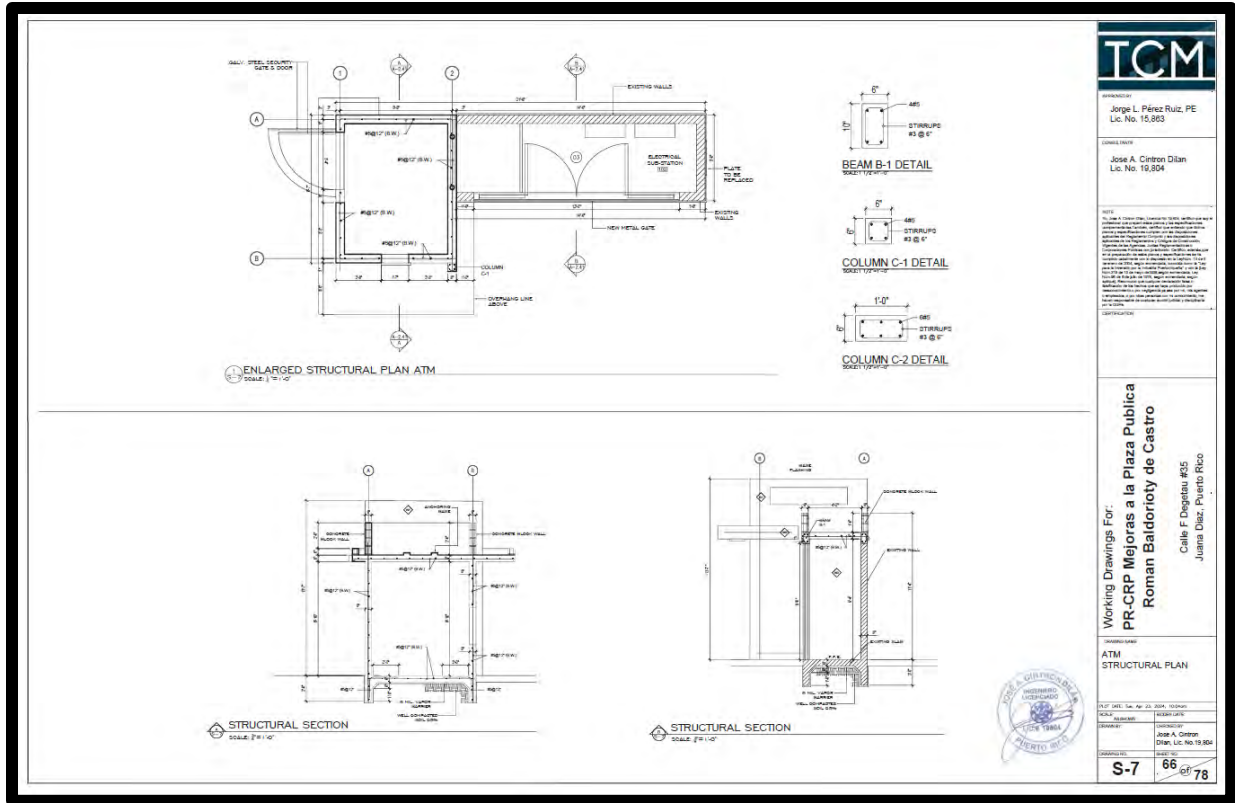
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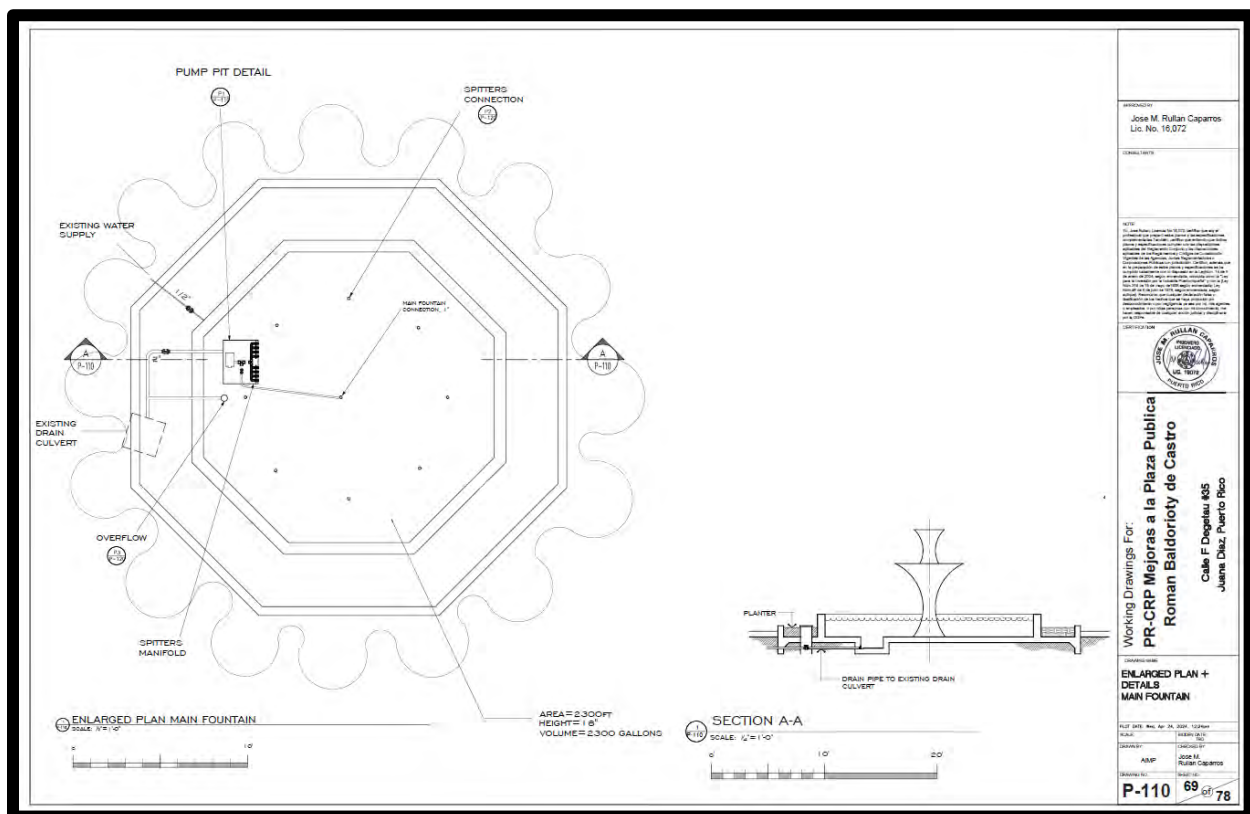
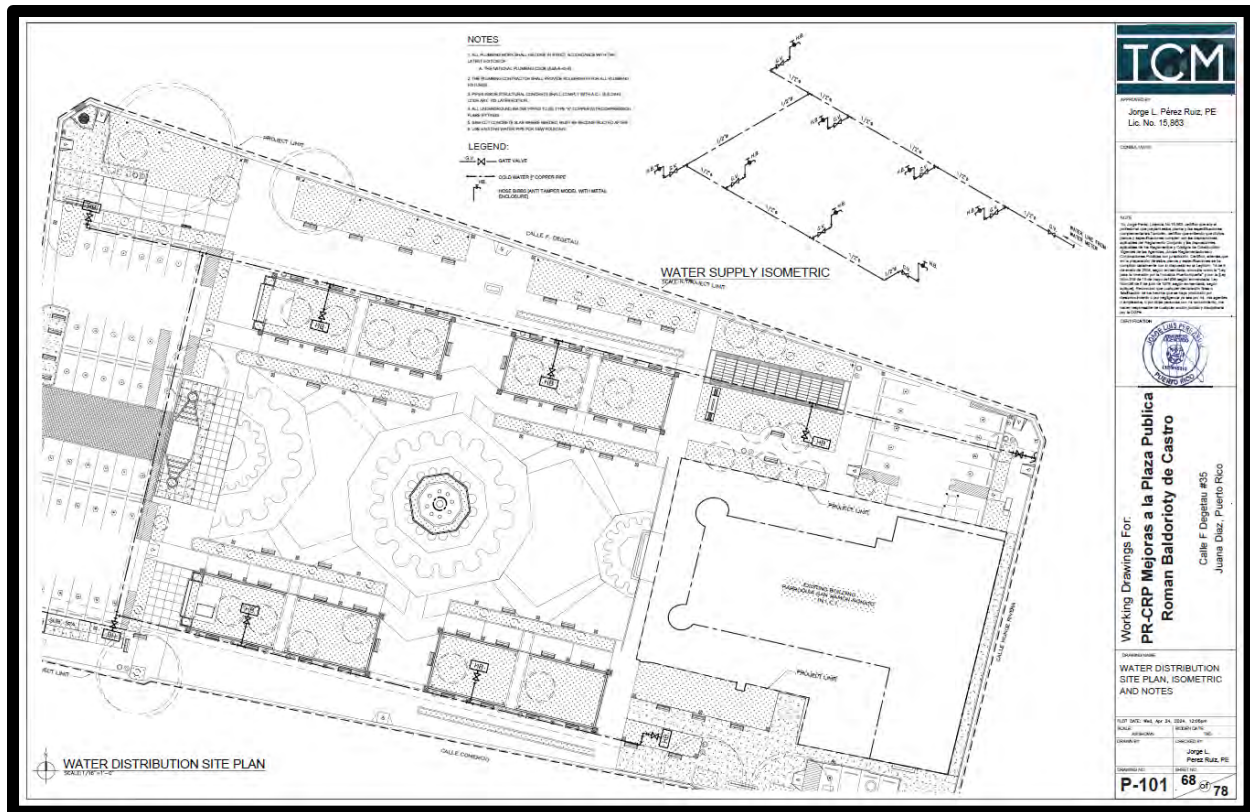


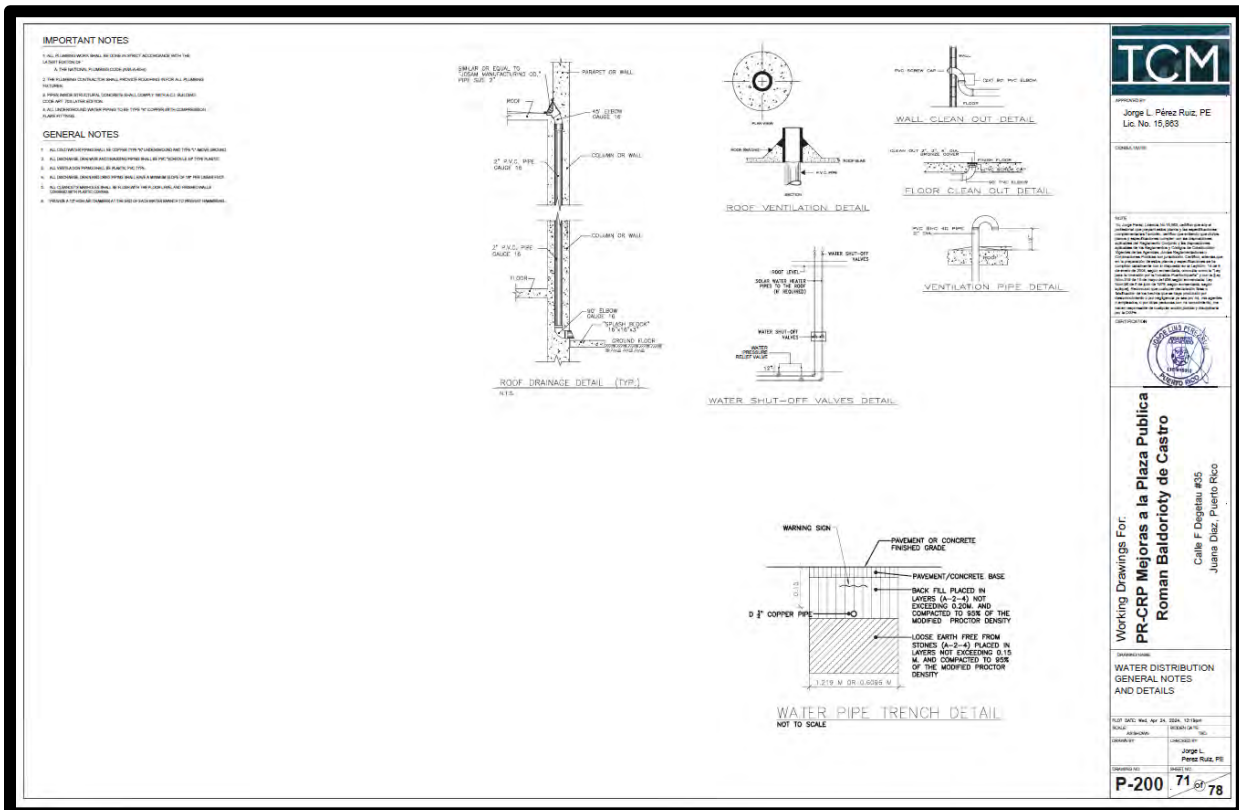
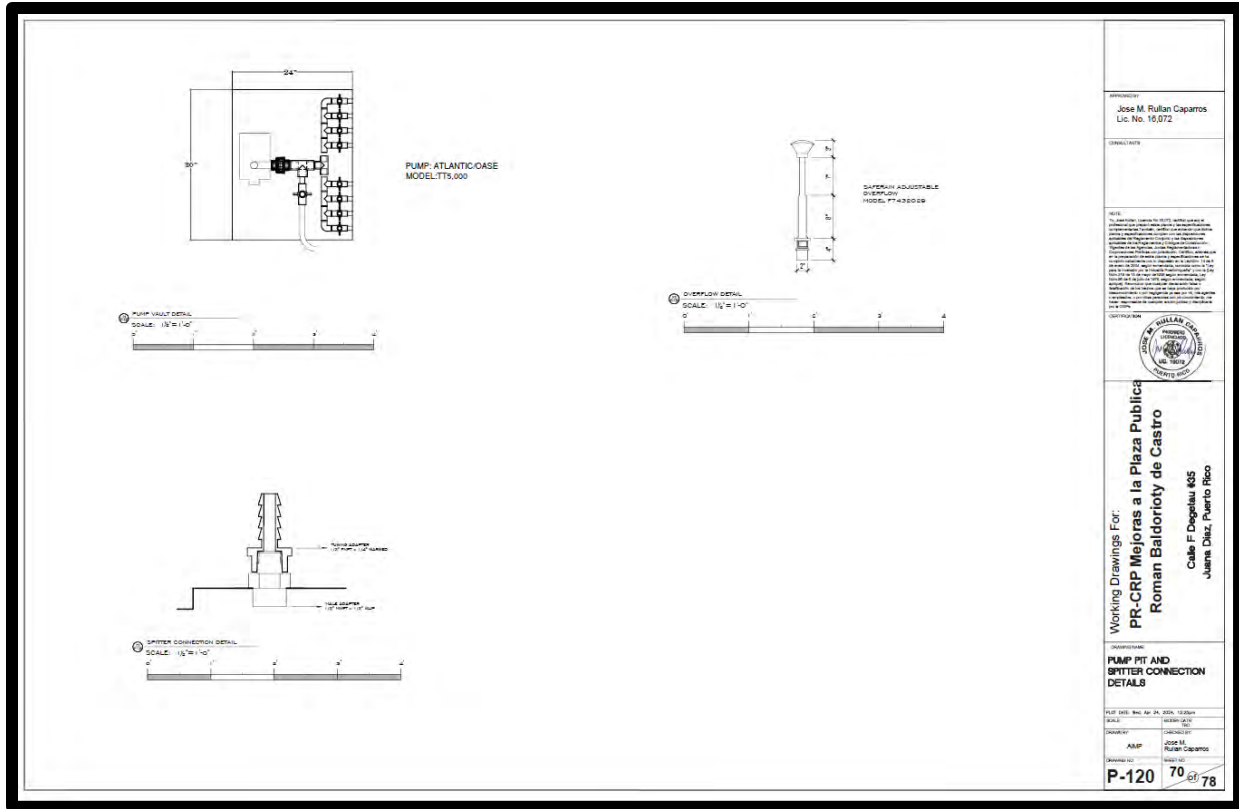


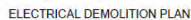












SPECIAL NOTES:

ALL EXISTING UNDERGROUND FEEDER MUST BE ABANDONED IN PLACE ALL FEEDERS AND CIRCUIT RUNS MUST BE NEW CONSTRUCTION.

ELECTRICAL DEMOLITION NOTES:

- 1 EXISTING SERIAL PUMP #604, AREA 400-0400, 120GVN/1014M4 C2 TO REMAIN
- 2 EXISTING MOP TO REPLACE.
- 3 FIRM CONTRACTS TO REPLACE FOR FOUNTAIN PUMP
- 4 FIRM CONTRACTS TO REPLACE FOR FOUNTAIN PUMP
- 5 STREET LIGHT CABLE TO BE REPLACED
- 6 EXISTING 120GVN 120GVN POWER PANEL TO REPLACE
- 7 EXISTING UNDERGROUND PAUL BOLD SERVICE PEDISTAL TO REPLACE.
- 8 EXISTING POWER OUTLETS CONNECTIONS TO REMOVE
- 9 FOUNTAIN EXIST PUMP TO REMOVE
- 10 EXISTING EXIST FOUNTAIN PUMP TO REPLACE
- 11 REMOVED MOTOR CONTROL PANEL TO BE REMOVED.
- 12 EXISTING ELECTRICAL DISTRIBUTION PANEL #604, 120GVN/00 TO REMAIN.
- 13 EXISTING POWER TRANSFORMER FAC 120GVN/002 TYPE 30KVA TO REMAIN
- 14 EXISTING LIGHTING POLE TO BE REMOVED



ELECTRICAL ROOM PLAN

ELEC
2015

TCM

Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

Abstract

NOTA

El *Journal Post*, publicado los 10-11-2005, afirma que el primer ministro, Jean-Pierre Laroche, se ha comprometido a presentar un informe sobre el funcionamiento del sistema judicial, así como a establecer que el poder judicial es independiente del poder ejecutivo y legislativo. El informe será presentado al Parlamento el 15 de septiembre de 2005. El informe será presentado al Parlamento el 15 de septiembre de 2005.

Q101010

ing Drawings For:
CRP Mejoras a la Plaza Publica
Roman Baldority de Castro

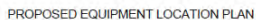
Calle F Degetau #35
Juana Diaz, Puerto Rico

ELECTRICAL
DEMOLITION PLAN

| | |
|---------------------------------------|---|
| PLOT DATE: Tue, Apr 23, 2024, 05:14pm | |
| SCOUT: JL BROWN | ACCESS (G/F): (04) |
| CREATED BY: | UNLOCKED BY: Melvin Ayala Contreras |

E-

E-



LEGEND:

[illegible]

TCM

Jorge L. Pérez Ruiz, PE
Lic. No. 15,883

CONCLUSIONS

[illegible]

Casey, H. C.

ing Drawings For:
CRP Mejoras a la Plaza Publica
Roman Baldoriv de Castro

Calle F Degetau #35
 uana Diaz, Puerto Rico

EQUIPMENT LOCATION
PROPOSED PLAN

| | |
|---------------------------------------|--------------------|
| PLST ENCL: Tue, Apr 23, 2024, 05:27pm | |
| RECALL: jst@acorn.com | RECALL DATE: TUE |
| UNKNOWN BY: | CHANGED BY: Melvin |

Continued from page 10

Continued from page 10



Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

CHIRALITY (PA)

WeJTC

CERTIFICATE

ing Drawings For:
CRP Mejoras a la Plaza Publica
Roman Baldority de Castro

Calle F Degetau #35
Juana Diaz, Puerto Rico

EQUIPMENT DETAILS

PLZF DRAFT: Tue, Apr 23, 2024, 08:04pm

Mervin
Avila Colon

E-3 74 of 78



Jorge L. Pérez Ruiz, PI
Lic. No. 15,863

1000

Figure 10.10

ing Drawings For:
RP Mejoras a la Plaza Publica
otoman Baldority de Castro

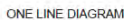
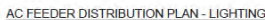
Calle F Degetau #35
Ana Diaz, Puerto Rico

• **RESEARCHER**

PLATE 207: Tue, Apr 23, 2024, 09:18am

[illegible]

E-4 **75** of 7



| PANEL SCHEDULE | | | | |
|----------------|--|----------|-------|-------------|
| DESIGNATION | DESCRIPTION | BREAKERS | | REMARKS |
| TYPE | | INT. NO. | POLES | TRIP (AMPS) |
| PANEL 101 | PANEL 101, 16 IN. 100A GROUND BUS, 100A 4P TRANSFER BUS, 100A 4P CIRCUIT BREAKER, 100A 4P MAIN LUGS, 100A 4P | 1 | 4 | 100 |
| | | 2 | 1 | 15 |
| | | 3 | 1 | 15 |
| | | 4 | 1 | 15 |
| | | 5 | 1 | 15 |
| | | 6 | 1 | 15 |
| | | 7 | 1 | 15 |
| | | 8 | 1 | 15 |
| | | 9 | 1 | 15 |
| | | 10 | 1 | 15 |
| | | 11 | 1 | 15 |
| | | 12 | 1 | 15 |
| | | 13 | 1 | 15 |
| | | 14 | 1 | 15 |
| | | 15 | 1 | 15 |

| PANEL SCHEDULE | | | | |
|----------------|--|----------|-------|-------------|
| DESIGNATION | DESCRIPTION | BREAKERS | | REMARKS |
| TYPE | | INT. NO. | POLES | TRIP (AMPS) |
| PANEL 102 | PANEL 102, 16 IN. 100A GROUND BUS, 100A 4P TRANSFER BUS, 100A 4P CIRCUIT BREAKER, 100A 4P MAIN LUGS, 100A 4P | 1 | 4 | 100 |
| | | 2 | 1 | 15 |
| | | 3 | 1 | 15 |
| | | 4 | 1 | 15 |
| | | 5 | 1 | 15 |
| | | 6 | 1 | 15 |
| | | 7 | 1 | 15 |
| | | 8 | 1 | 15 |
| | | 9 | 1 | 15 |
| | | 10 | 1 | 15 |
| | | 11 | 1 | 15 |
| | | 12 | 1 | 15 |
| | | 13 | 1 | 15 |
| | | 14 | 1 | 15 |
| | | 15 | 1 | 15 |


| PANEL SCHEDULE | | | | |
|----------------|--|----------|-------|-------------|
| DESIGNATION | DESCRIPTION | BREAKERS | | REMARKS |
| TYPE | | INT. NO. | POLES | TRIP (AMPS) |
| PANEL 103 | PANEL 103, 16 IN. 100A GROUND BUS, 100A 4P TRANSFER BUS, 100A 4P CIRCUIT BREAKER, 100A 4P MAIN LUGS, 100A 4P | 1 | 4 | 100 |
| | | 2 | 1 | 15 |
| | | 3 | 1 | 15 |
| | | 4 | 1 | 15 |
| | | 5 | 1 | 15 |
| | | 6 | 1 | 15 |
| | | 7 | 1 | 15 |
| | | 8 | 1 | 15 |
| | | 9 | 1 | 15 |
| | | 10 | 1 | 15 |
| | | 11 | 1 | 15 |
| | | 12 | 1 | 15 |
| | | 13 | 1 | 15 |
| | | 14 | 1 | 15 |
| | | 15 | 1 | 15 |

| PANEL SCHEDULE | | | | |
|----------------|--|----------|-------|-------------|
| DESIGNATION | DESCRIPTION | BREAKERS | | REMARKS |
| TYPE | | INT. NO. | POLES | TRIP (AMPS) |
| PANEL 104 | PANEL 104, 16 IN. 100A GROUND BUS, 100A 4P TRANSFER BUS, 100A 4P CIRCUIT BREAKER, 100A 4P MAIN LUGS, 100A 4P | 1 | 4 | 100 |
| | | 2 | 1 | 15 |
| | | 3 | 1 | 15 |
| | | 4 | 1 | 15 |
| | | 5 | 1 | 15 |
| | | 6 | 1 | 15 |
| | | 7 | 1 | 15 |
| | | 8 | 1 | 15 |
| | | 9 | 1 | 15 |
| | | 10 | 1 | 15 |
| | | 11 | 1 | 15 |
| | | 12 | 1 | 15 |
| | | 13 | 1 | 15 |
| | | 14 | 1 | 15 |
| | | 15 | 1 | 15 |

| PANEL SCHEDULE | | | | |
|----------------|--|----------|-------|-------------|
| DESIGNATION | DESCRIPTION | BREAKERS | | REMARKS |
| TYPE | | INT. NO. | POLES | TRIP (AMPS) |
| PANEL 105 | PANEL 105, 16 IN. 100A GROUND BUS, 100A 4P TRANSFER BUS, 100A 4P CIRCUIT BREAKER, 100A 4P MAIN LUGS, 100A 4P | 1 | 4 | 100 |
| | | 2 | 1 | 15 |
| | | 3 | 1 | 15 |
| | | 4 | 1 | 15 |
| | | 5 | 1 | 15 |
| | | 6 | 1 | 15 |
| | | 7 | 1 | 15 |
| | | 8 | 1 | 15 |
| | | 9 | 1 | 15 |
| | | 10 | 1 | 15 |
| | | 11 | 1 | 15 |
| | | 12 | 1 | 15 |
| | | 13 | 1 | 15 |
| | | 14 | 1 | 15 |
| | | 15 | 1 | 15 |

| PANEL SCHEDULE | | | | |
|----------------|--|----------|-------|-------------|
| DESIGNATION | DESCRIPTION | BREAKERS | | REMARKS |
| TYPE | | INT. NO. | POLES | TRIP (AMPS) |
| PANEL 106 | PANEL 106, 16 IN. 100A GROUND BUS, 100A 4P TRANSFER BUS, 100A 4P CIRCUIT BREAKER, 100A 4P MAIN LUGS, 100A 4P | 1 | 4 | 100 |
| | | 2 | 1 | 15 |
| | | 3 | 1 | 15 |
| | | 4 | 1 | 15 |
| | | 5 | 1 | 15 |
| | | 6 | 1 | 15 |
| | | 7 | 1 | 15 |
| | | 8 | 1 | 15 |
| | | 9 | 1 | 15 |
| | | 10 | 1 | 15 |
| | | 11 | 1 | 15 |
| | | 12 | 1 | 15 |
| | | 13 | 1 | 15 |
| | | 14 | 1 | 15 |
| | | 15 | 1 | 15 |

| PANEL SCHEDULE | | | | |
|----------------|--|----------|-------|-------------|
| DESIGNATION | DESCRIPTION | BREAKERS | | REMARKS |
| TYPE | | INT. NO. | POLES | TRIP (AMPS) |
| PANEL 107 | PANEL 107, 16 IN. 100A GROUND BUS, 100A 4P TRANSFER BUS, 100A 4P CIRCUIT BREAKER, 100A 4P MAIN LUGS, 100A 4P | 1 | 4 | 100 |
| | | 2 | 1 | 15 |
| | | 3 | 1 | 15 |
| | | 4 | 1 | 15 |
| | | 5 | 1 | 15 |
| | | 6 | 1 | 15 |
| | | 7 | 1 | 15 |
| | | 8 | 1 | 15 |
| | | 9 | 1 | 15 |
| | | 10 | 1 | 15 |
| | | 11 | 1 | 15 |
| | | 12 | 1 | 15 |
| | | 13 | 1 | 15 |
| | | 14 | 1 | 15 |
| | | 15 | 1 | 15 |



Jorge L. Pérez Ruiz, PE
Lic. No. 15,883

Working Drawings For:
PR-CRP Mejoras a la Plaza Pública
Roman Baldority de Castro
Calle F D'Agateau #35
Juana Díaz, Puerto Rico

ONE LINE DIAGRAM
RECEPTACLE PANEL
SCHEDULE

FIG. 001, 101, 102, 103, 104, 105, 106, 107

DATE: 01/15/2020

BY: JLR

CHECKED BY: JLR

SCALE: AS SHOWN

E-7 **78** of **78**

PR-CRP-000434

**Mejoras a Plaza Pública Román Baldorioty
De Castro Project**

Juana Díaz, Puerto Rico

Conceptual Renderings (1 of 2)



PR-CPR-000434

MEJORAS A LA PLAZA ROMAN BALDORIOTY DE CASTRO MUNICIPIO AUTONOMO DE JUANA DIAZ

FEBRUARY 2024 [90%]

WORKING DRAWINGS FOR: PR-CPR-000434
MEJORAS A LA PLAZA PUBLICA
ROMAN BALDORIOTY DE CASTRO
FEBRUARY 2024 [90%]

OWNER: MUNICIPIO AUTONOMO DE JUANA DIAZ
CALLE F. DEGETAU #35 JUANA DIAZ 00795

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2. D-100 GENERAL NOTES & LEGENDS

SURVEY

3. D-100 SURVEY & TOPOGRAPHY

CIVIL

4. D-100 GENERAL CIVIL DETAILS

ARCHITECTURE

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6. A-100 EXISTING CONDITIONS SITE DETAILS
7. A-100 EXISTING CONDITIONS SITE DETAILS
8. A-100 EXISTING CONDITIONS ELECTRICAL SUBSTATION
9. D-100 EXISTING CONDITIONS & DEMOLITION SITE PLAN
10. D-100 EXISTING CONDITIONS & DEMOLITION SITE PLAN II
11. D-100 EXISTING CONDITIONS & DEMOLITION SITE PLAN III
12. D-100 EXISTING CONDITIONS & DEMOLITION SITE PLAN IV
13. D-100 EXISTING CONDITIONS & DEMOLITION SITE PLAN V
14. D-100 EXISTING CONDITIONS & DEMOLITION ELECTRICAL SUBSTATION
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17. A-100 PROPOSED SITE PLAN KEY PLAN - ZONE B
18. A-100 PROPOSED SITE PLAN KEY PLAN - ZONE C
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20. A-100 PROPOSED SITE - LANDSCAPE DESIGN
21. A-100 EXISTING PLUMBING DETAILS - MONUMENT BASE
22. A-100 EXISTING PLUMBING DETAILS - PERISOLA
23. A-100 EXISTING PLUMBING DETAILS - PERISOLA
24. A-100 EXISTING PLUMBING DETAILS - MANHOLE/LINE LUGS/TORRES
25. A-100 EXISTING PLUMBING DETAILS - HYDRO-PNEUMATIC TANKS
26. A-100 EXISTING PLUMBING DETAILS - HYDRO-PNEUMATIC TANKS
27. A-100 EXISTING PLUMBING DETAILS - HYDRO-PNEUMATIC TANKS
28. A-100 EXISTING PLUMBING DETAILS - HYDRO-PNEUMATIC TANKS
29. A-100 EXISTING PLUMBING DETAILS - HYDRO-PNEUMATIC TANKS
30. A-100 EXISTING PLUMBING DETAILS - HYDRO-PNEUMATIC TANKS
31. A-100 EXISTING PLUMBING DETAILS - HYDRO-PNEUMATIC TANKS
32. A-100 EXISTING PLUMBING DETAILS - HYDRO-PNEUMATIC TANKS
33. A-100 EXISTING PLUMBING DETAILS - HYDRO-PNEUMATIC TANKS

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35. S-100 PERISOLA STRUCTURAL PLAN
36. S-100 PERISOLA STRUCTURAL PLAN
37. S-100 PERISOLA STRUCTURAL PLAN
38. S-100 PERISOLA STRUCTURAL PLAN
39. S-100 PERISOLA STRUCTURAL PLAN

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45. E-100 EQUIPMENT DETAILS
46. E-100 AC FEEDER DISTRIBUTION PLAN
47. E-100 AC FEEDER DISTRIBUTION PLAN - LIGHTING
48. E-100 ONE LINE DIAGRAM
49. E-100 RECEPTACLE PANEL SCHEDULE



JUANA DIAZ, PUERTO RICO LOCATION PLAN



ZONING: DT-1 (1994) 12018 ZONING PLAN



FLOOD ZONE 1 (1380-175) (1942-8) FLOOD PLAN



Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

DESIGNED BY
Jorge L. Pérez Ruiz, PE
CHECKED BY
Jorge L. Pérez Ruiz, PE
DATE
FEBRUARY 2024

PROJECT NO.
PR-CPR-000434
PROJECT NAME
MEJORAS A LA PLAZA PUBLICA ROMAN BALDORIOTY DE CASTRO
OWNER
MUNICIPIO AUTONOMO DE JUANA DIAZ
CALLE F. DEGETAU #35 JUANA DIAZ 00795

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DATE
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OWNER
MUNICIPIO AUTONOMO DE JUANA DIAZ
CALLE F. DEGETAU #35 JUANA DIAZ 00795

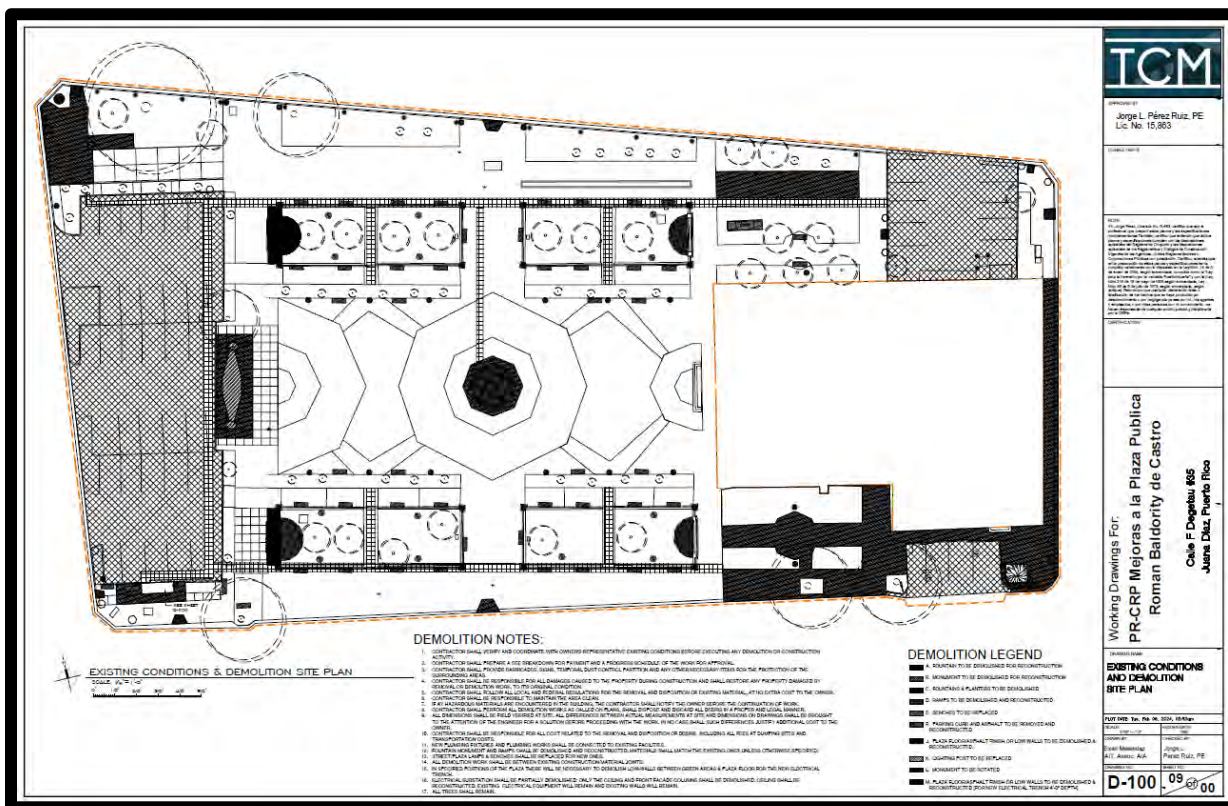
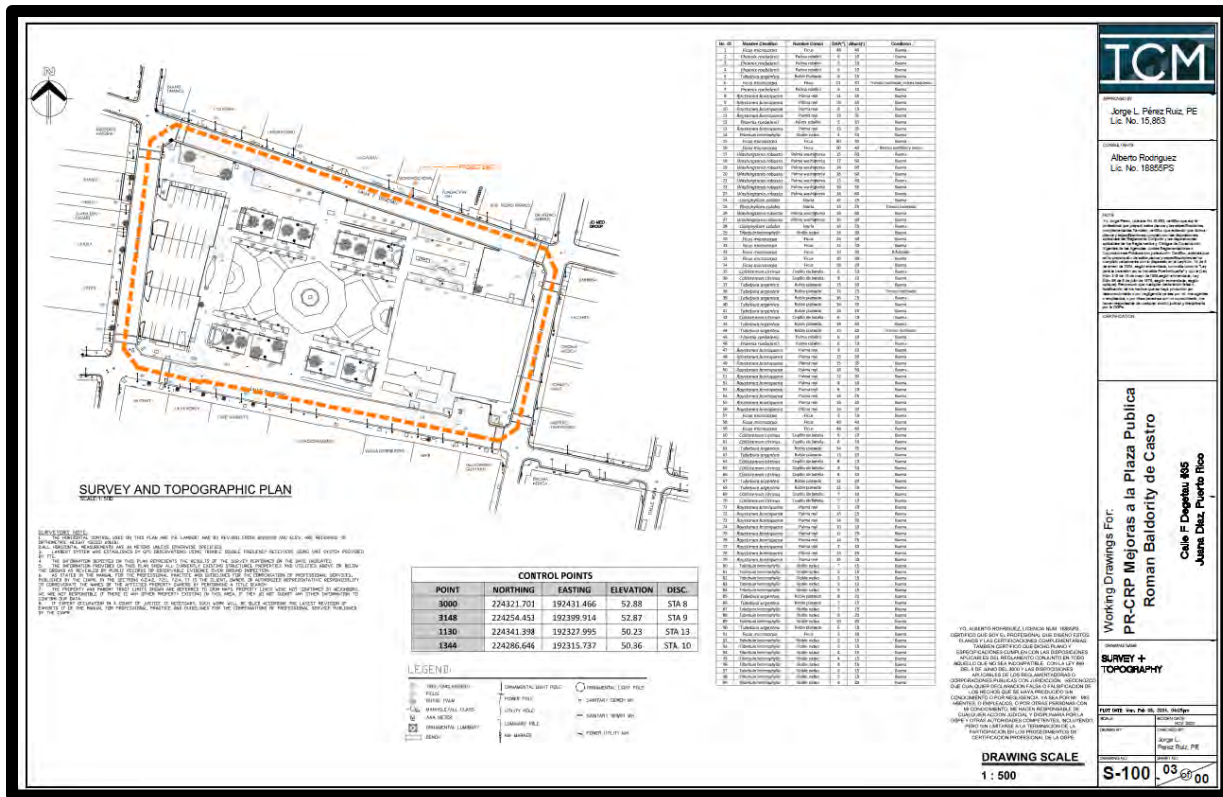
DATE
FEBRUARY 2024

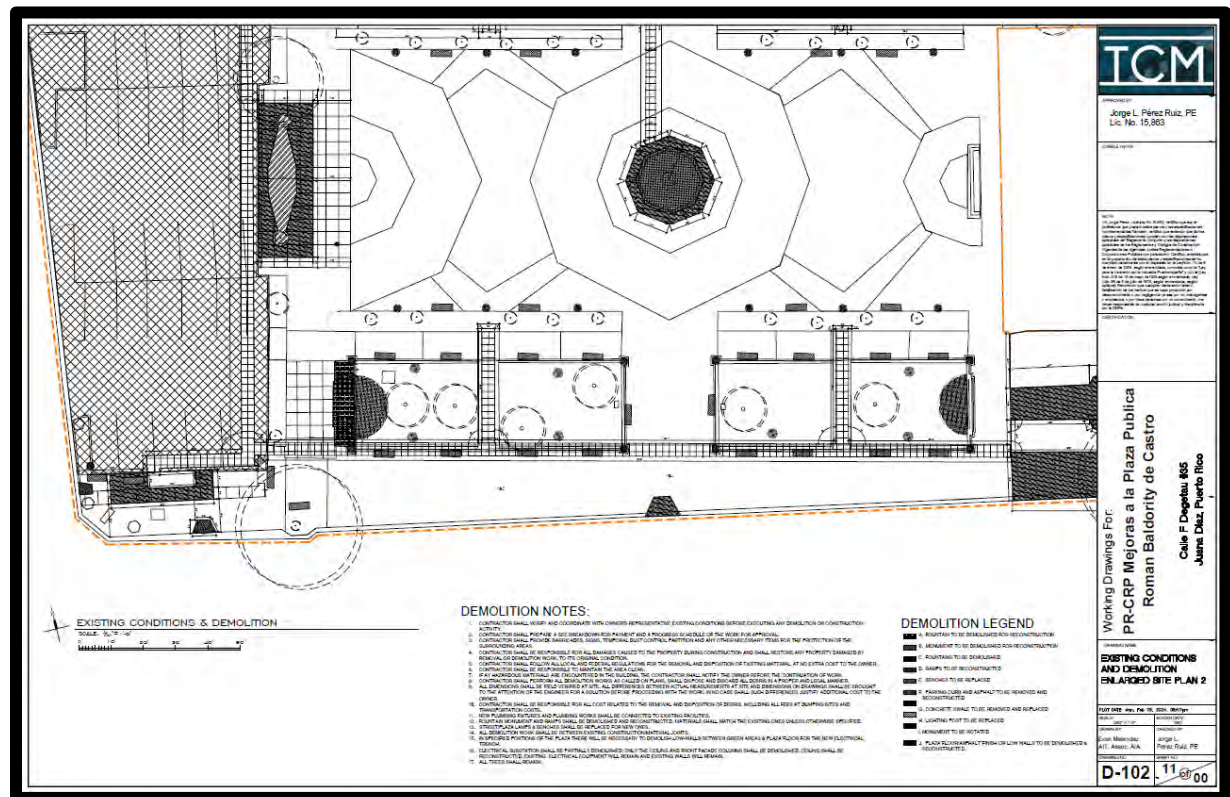
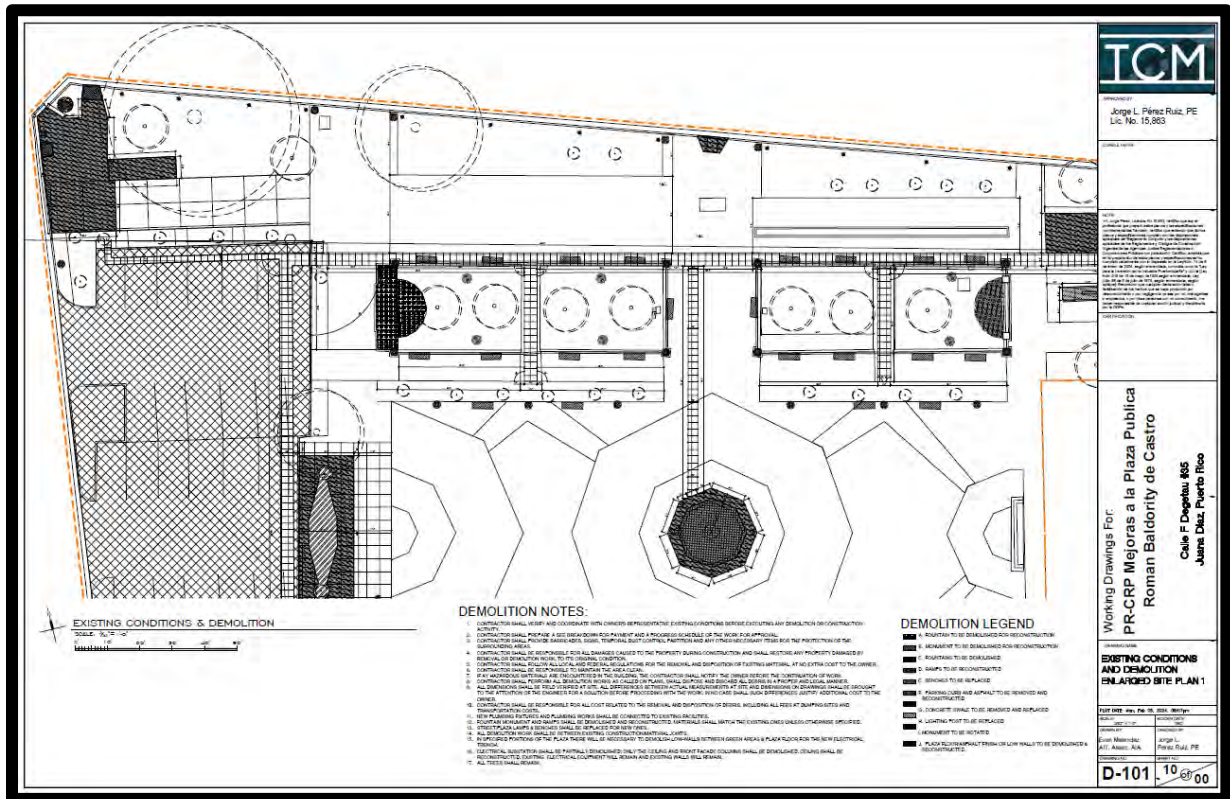
PROJECT NO.
PR-CPR-000434

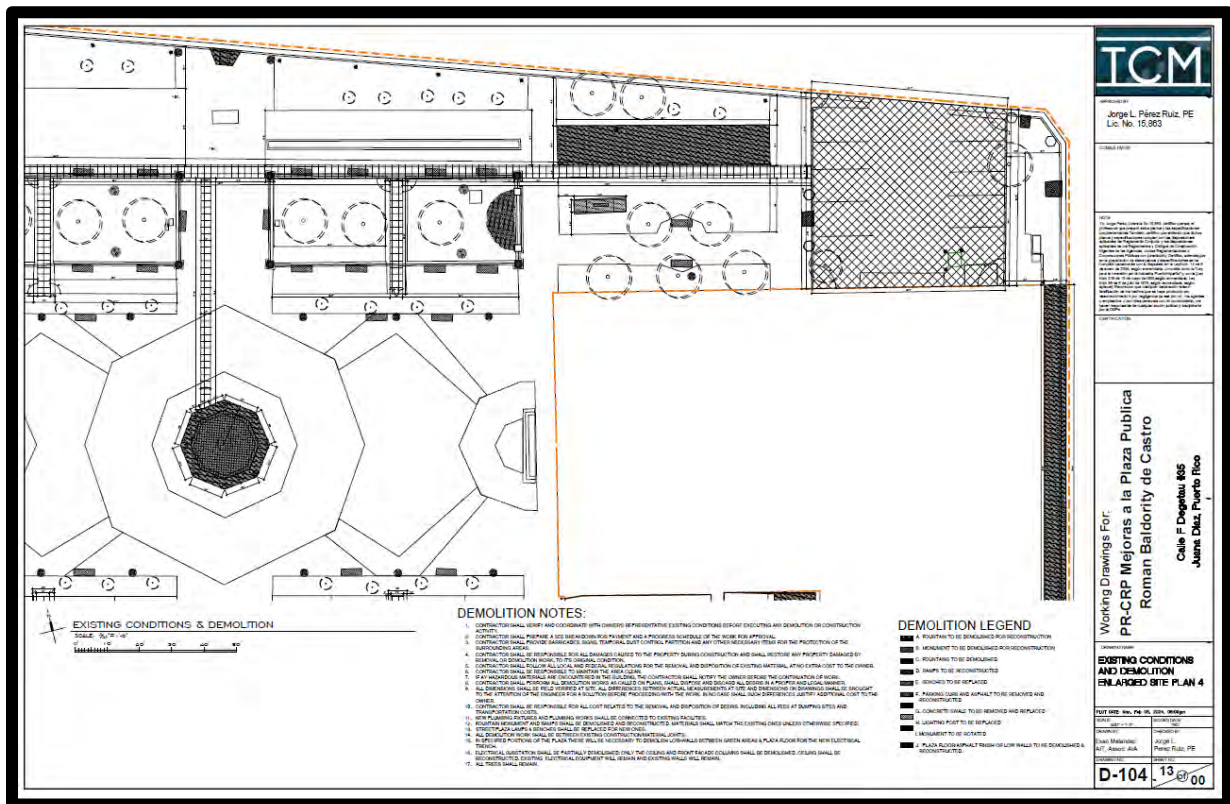
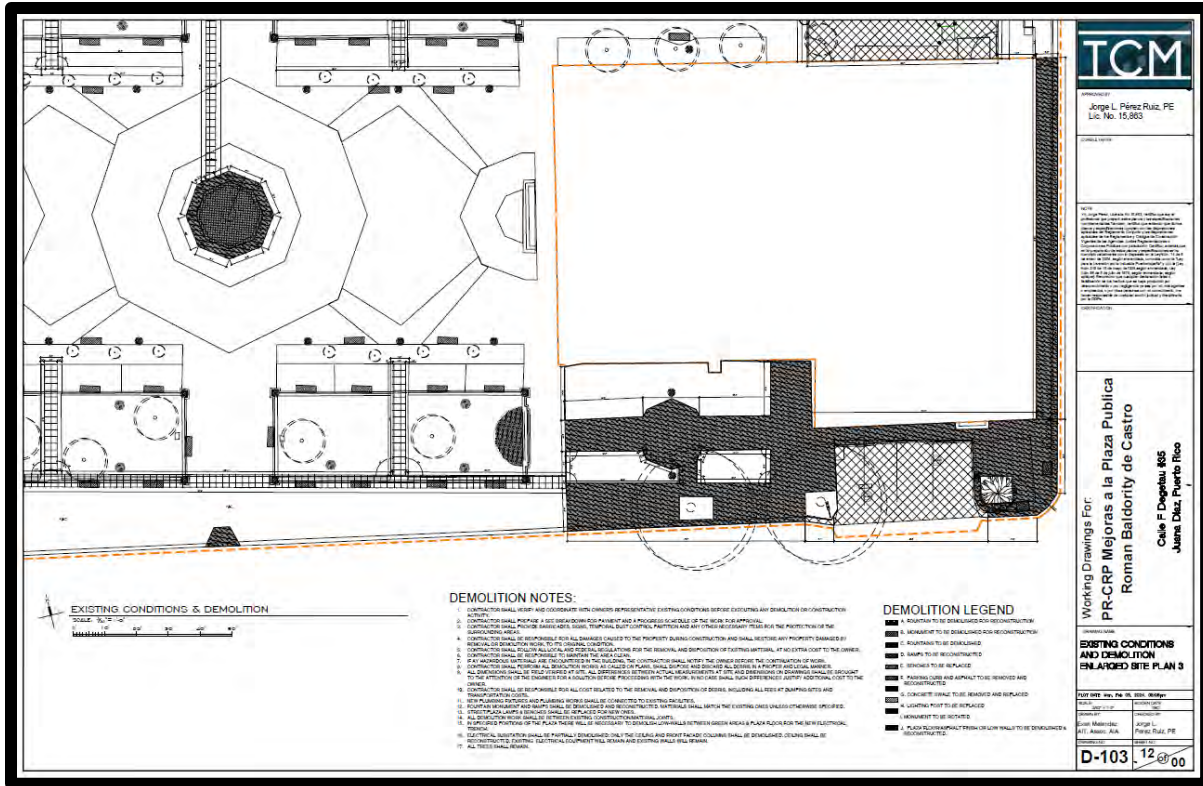
PROJECT NAME
MEJORAS A LA PLAZA PUBLICA ROMAN BALDORIOTY DE CASTRO

OWNER
MUNICIPIO AUTONOMO DE JUANA DIAZ
CALLE F. DEGETAU #35 JUANA DIAZ 00795

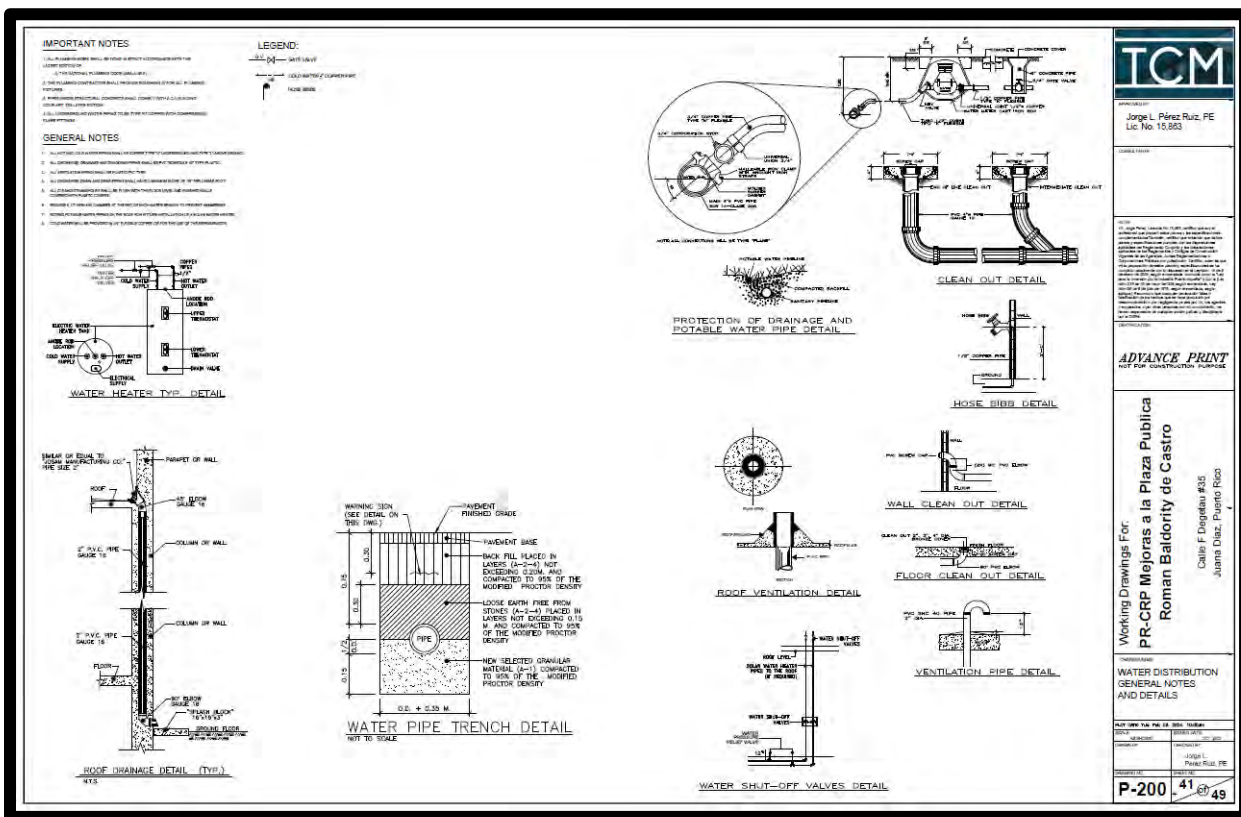
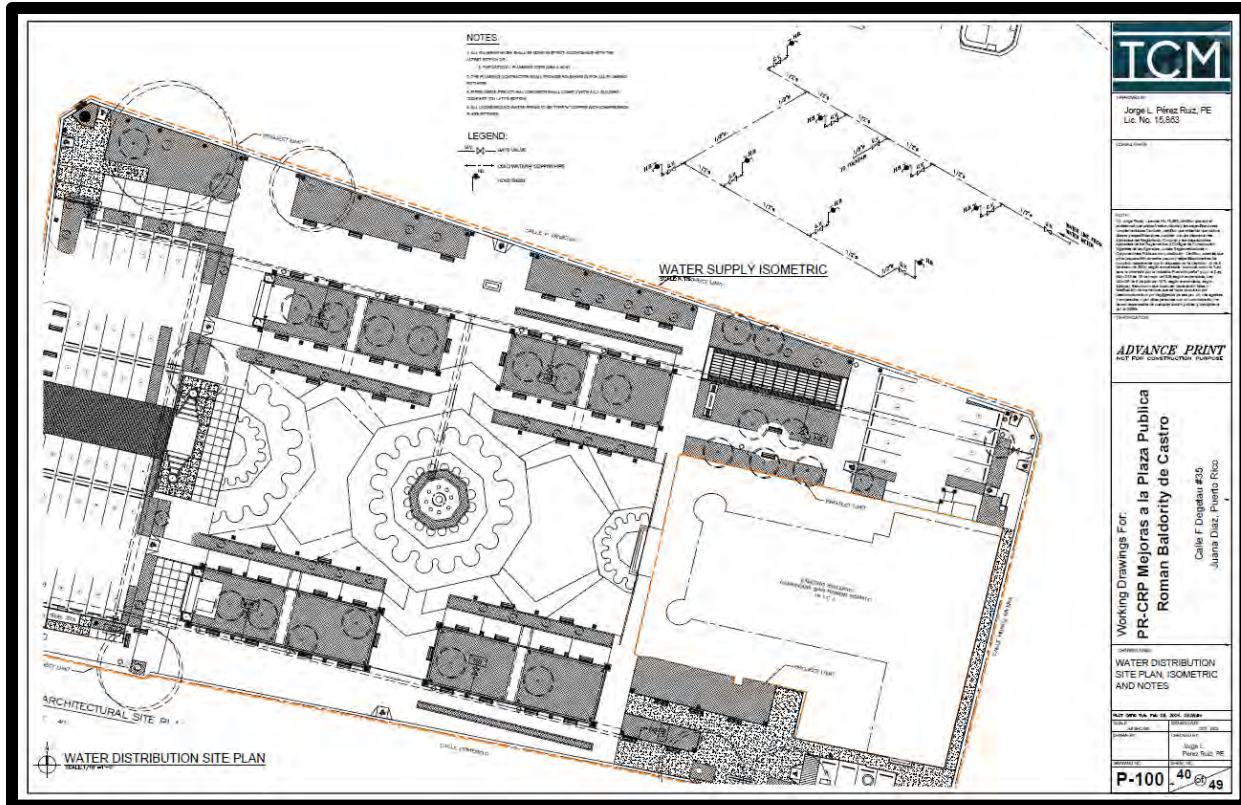
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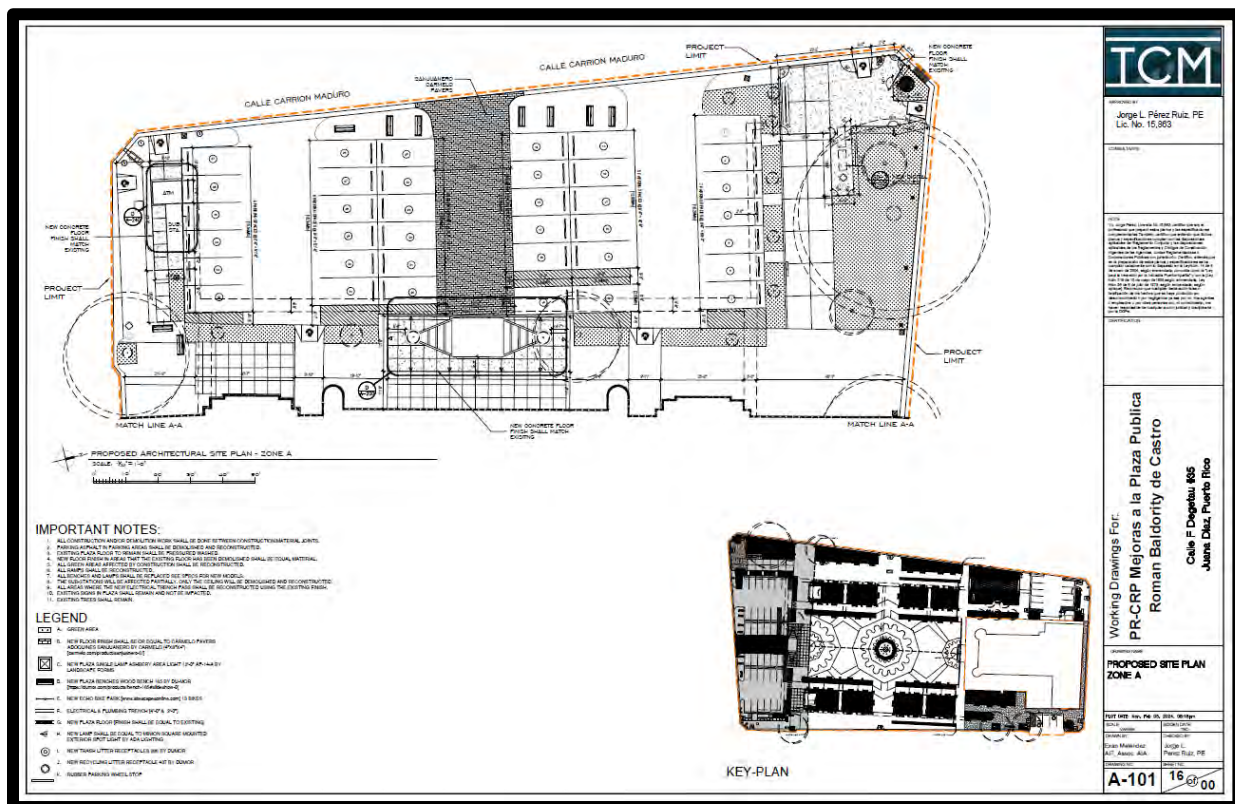
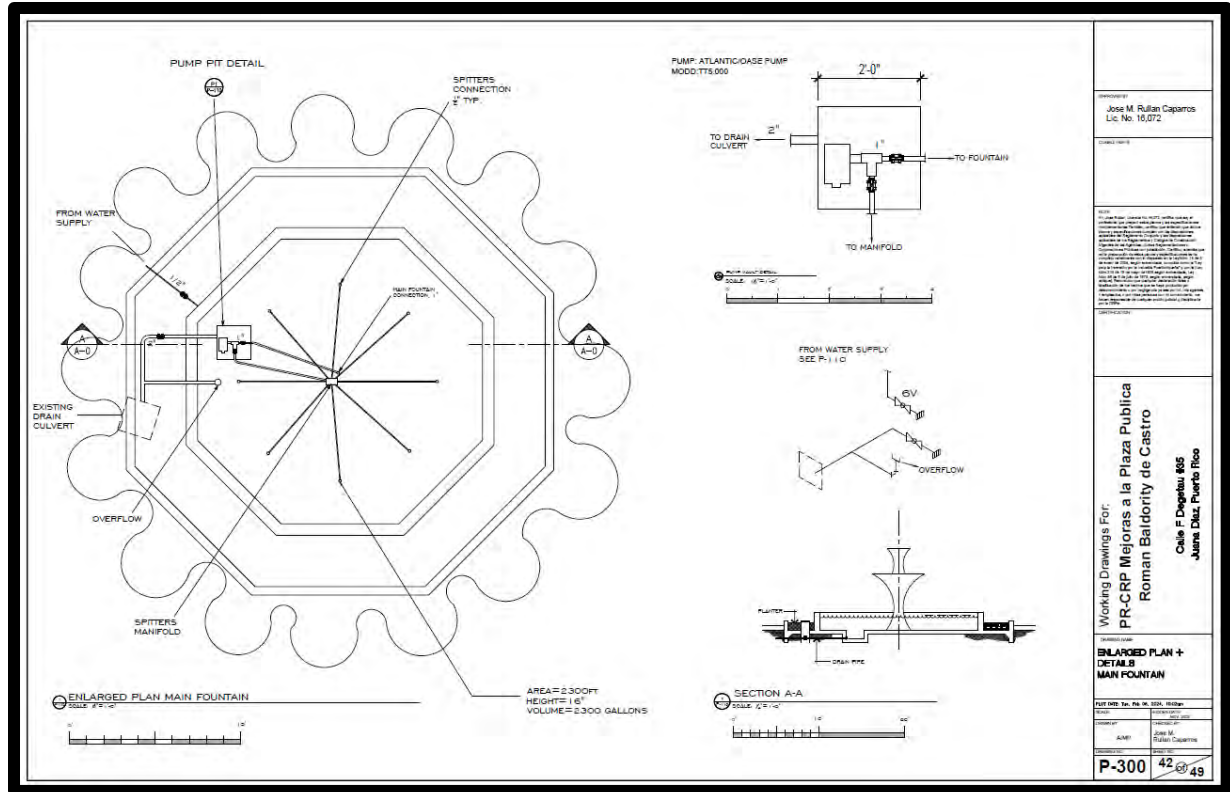






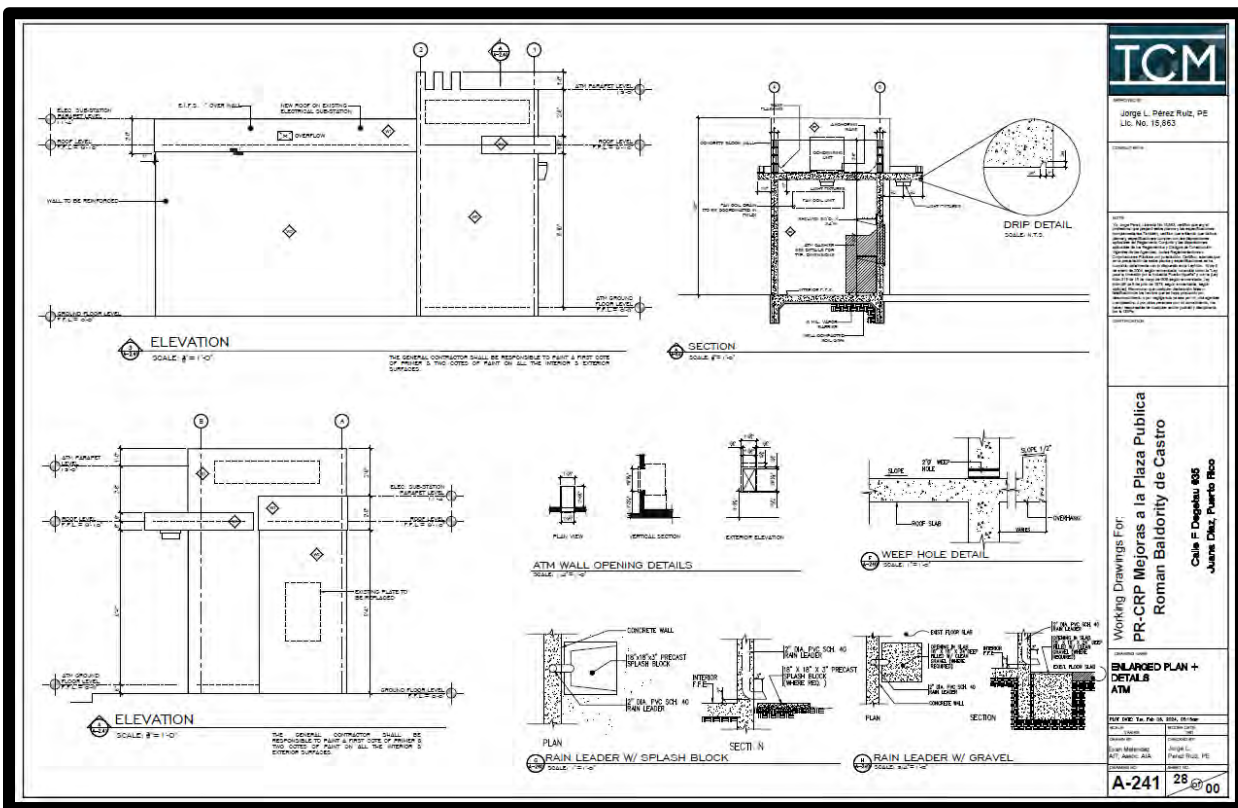
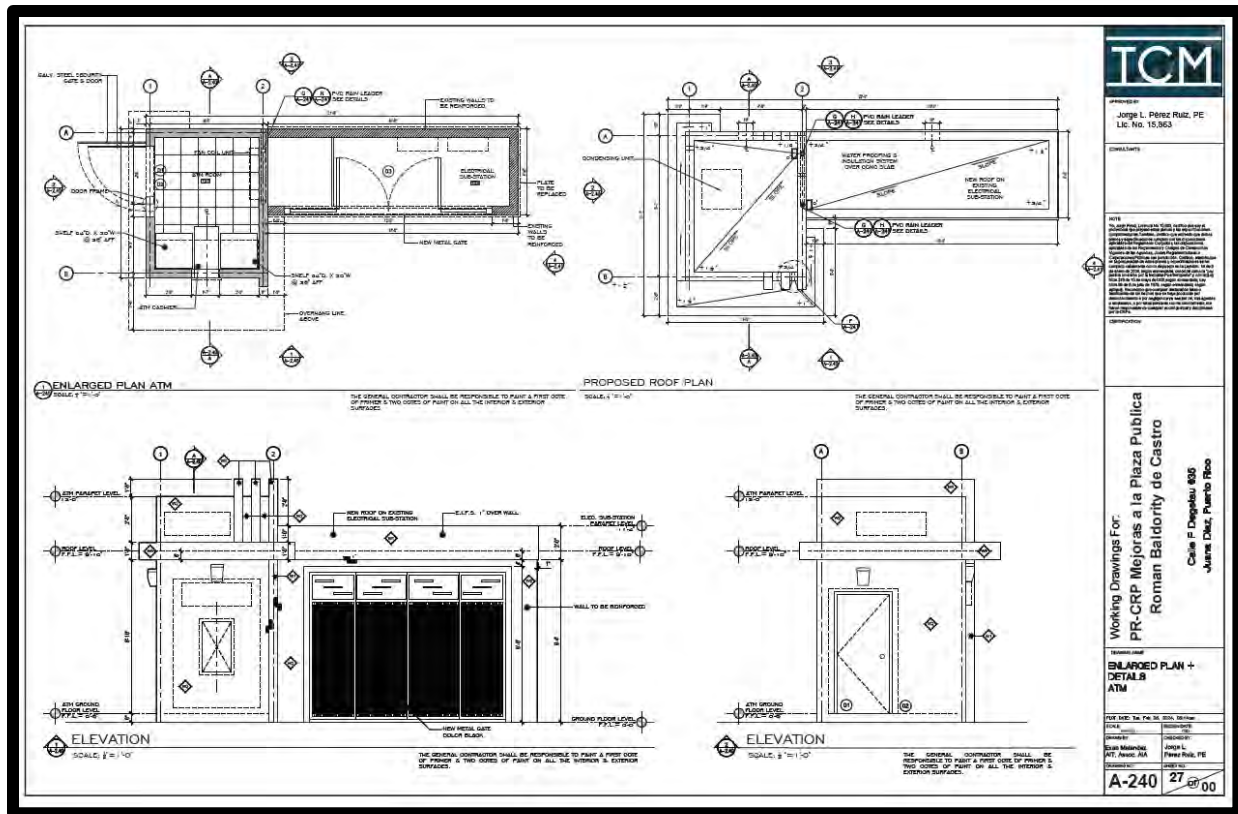














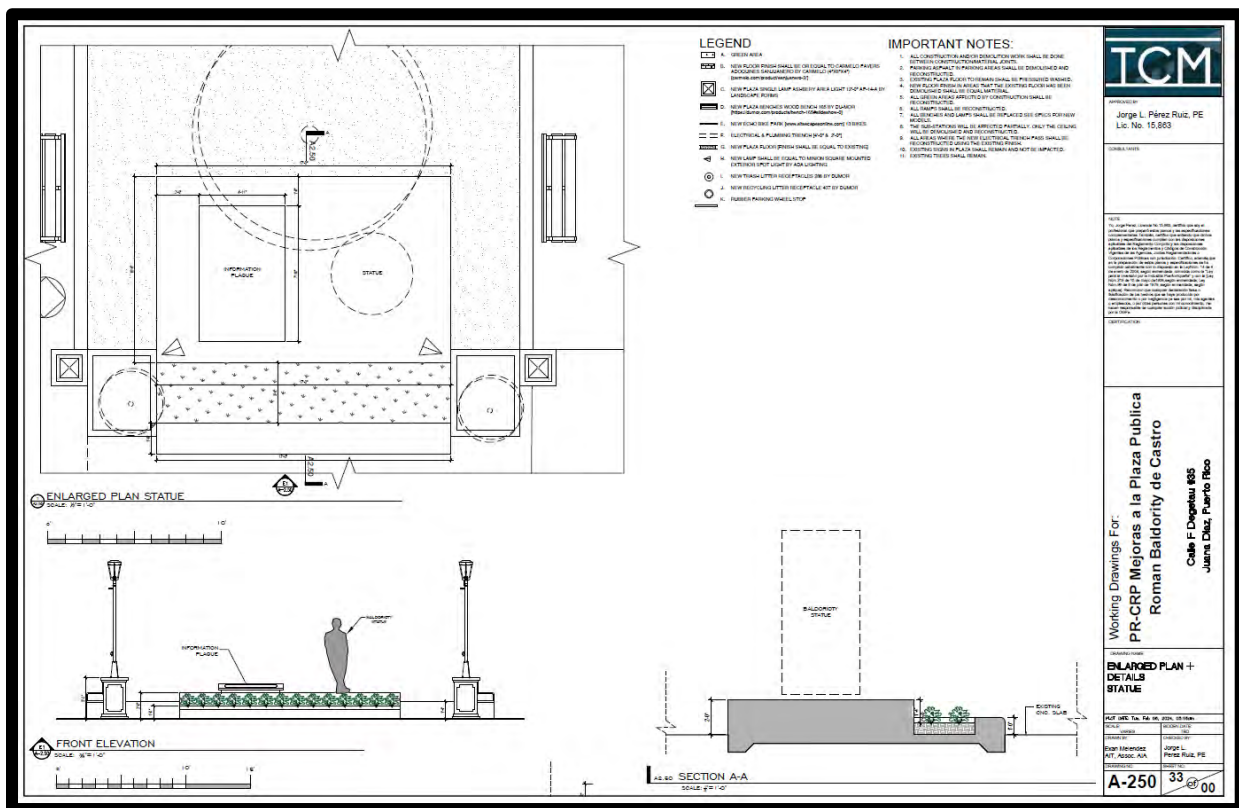
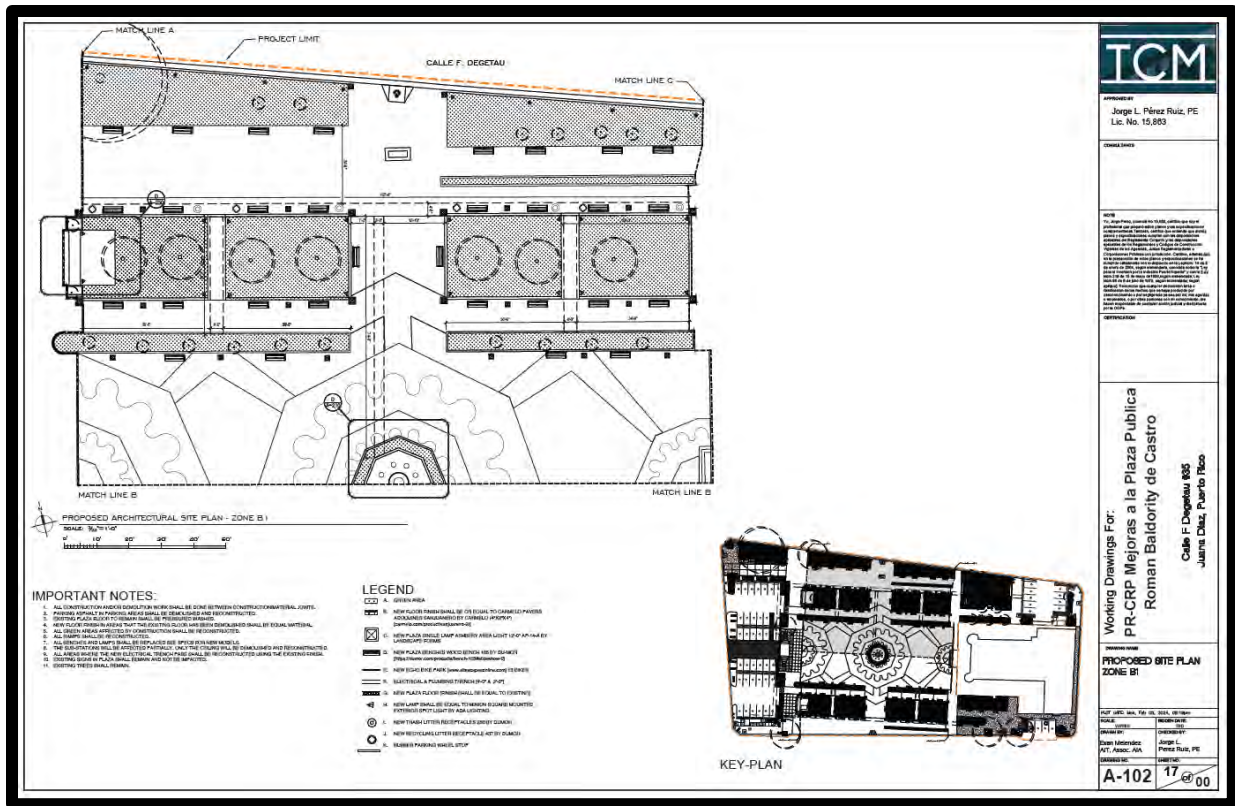


PR-CRP-000434

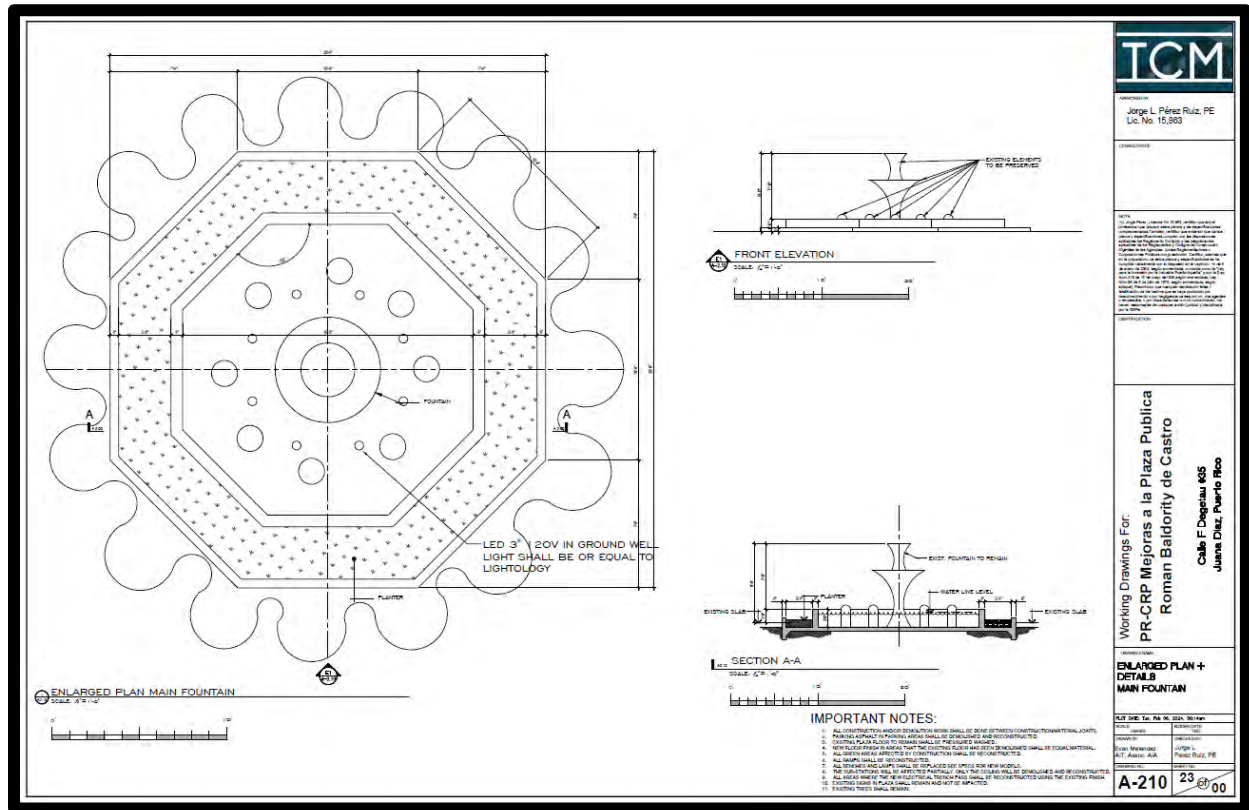
**Mejoras a Plaza Pública Román Baldorioty
De Castro Project**

Juana Díaz, Puerto Rico

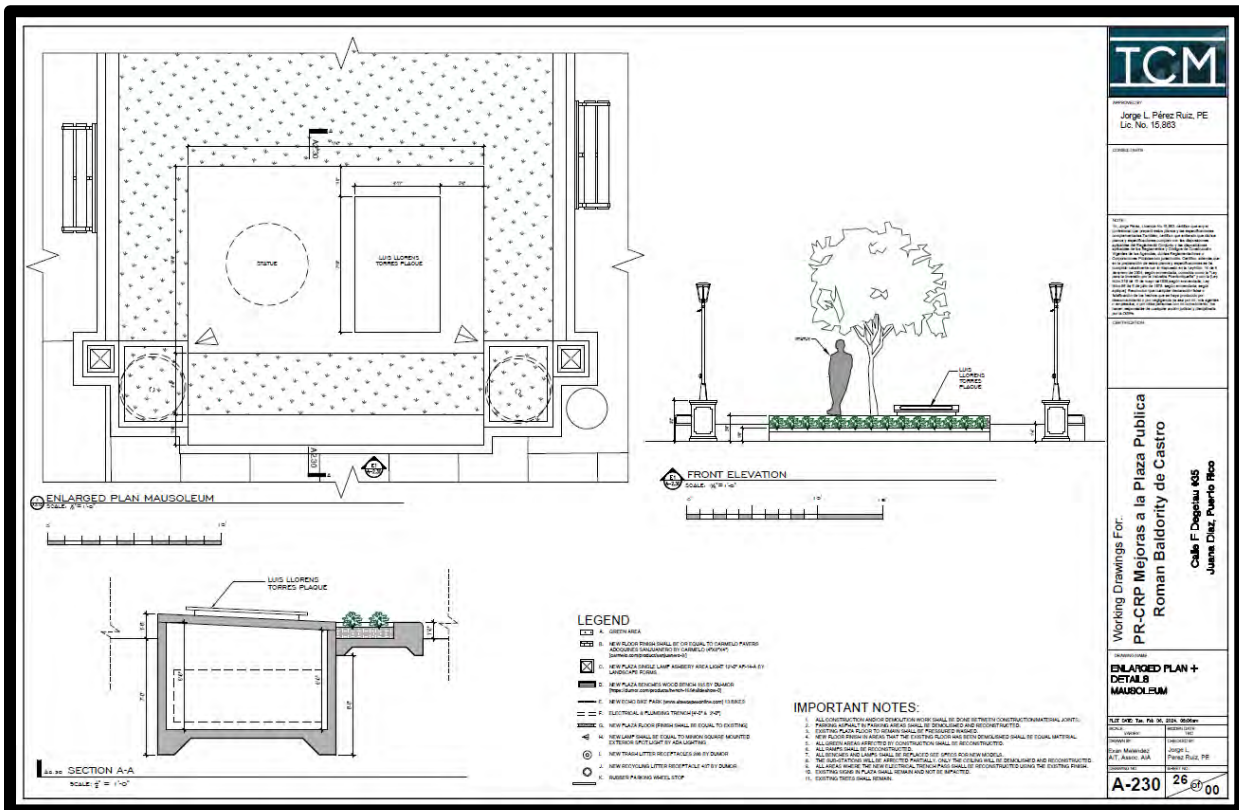
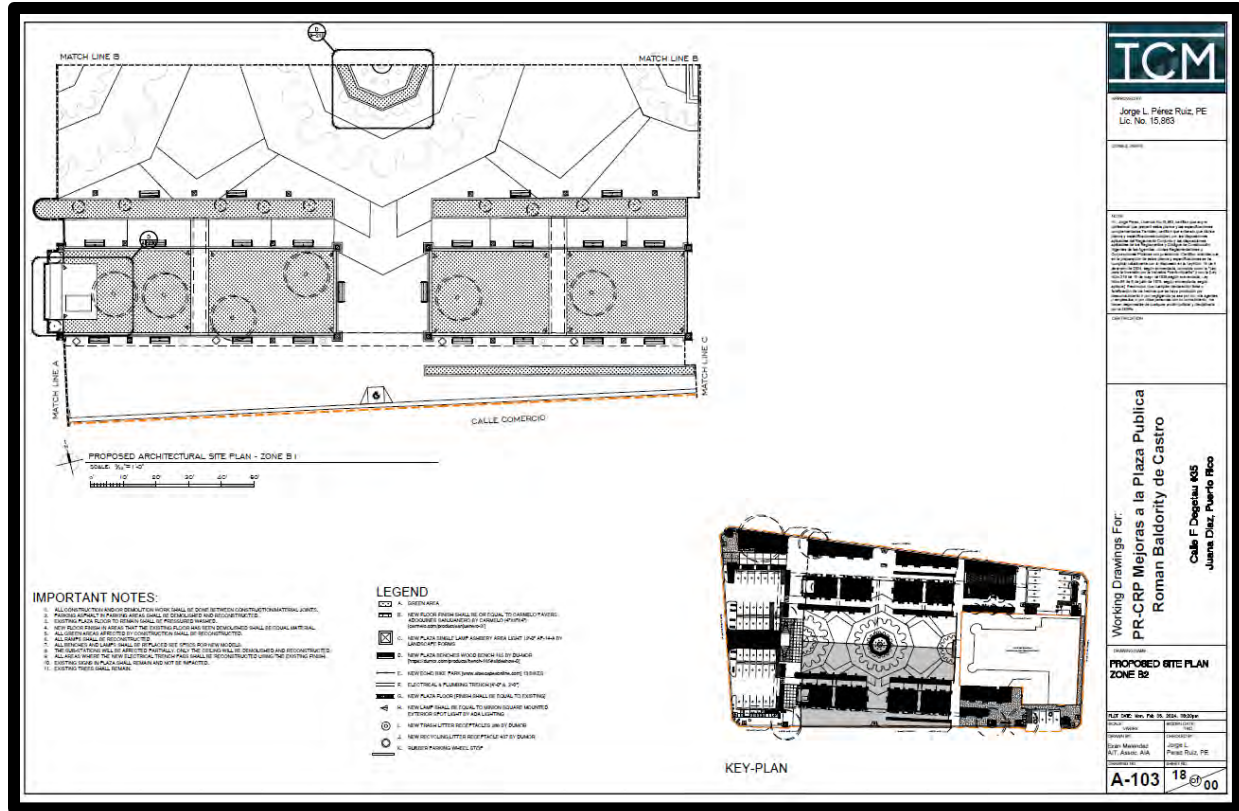
Conceptual Renderings (2 of 2)



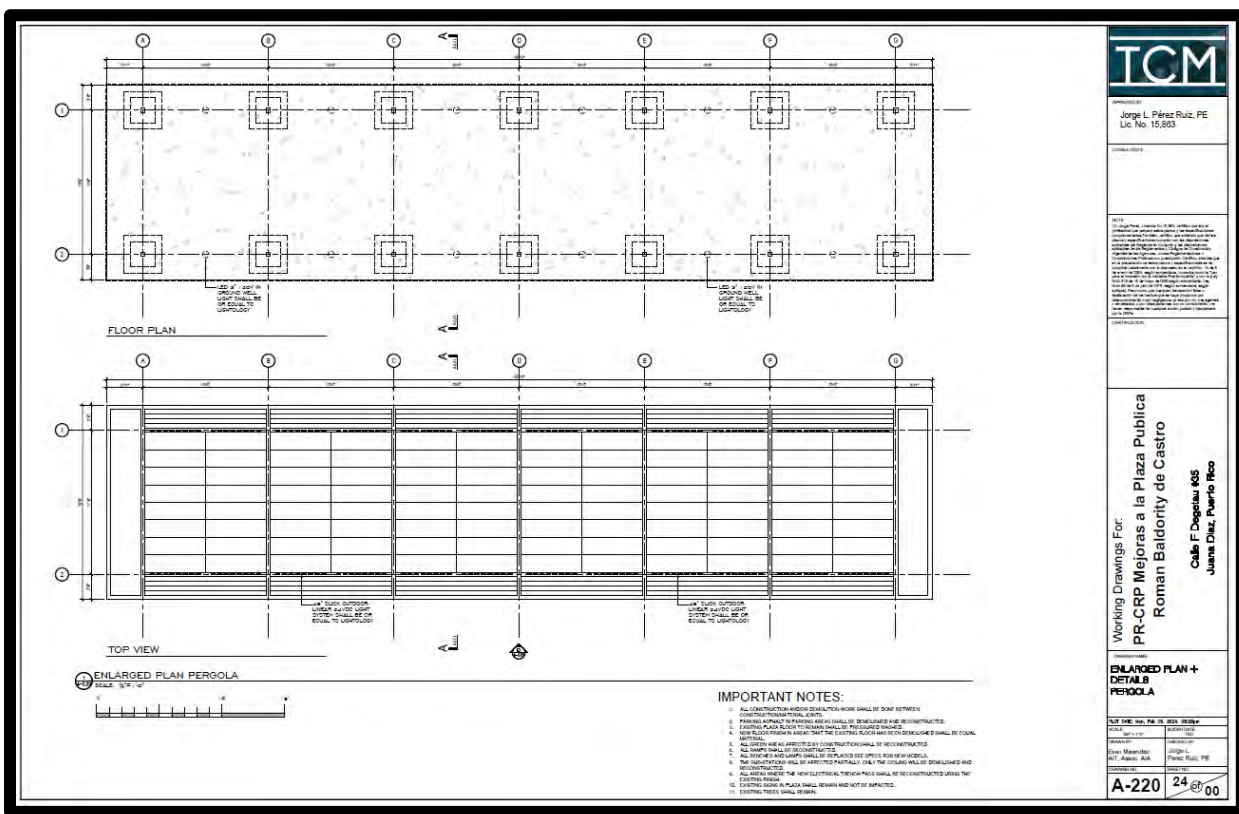
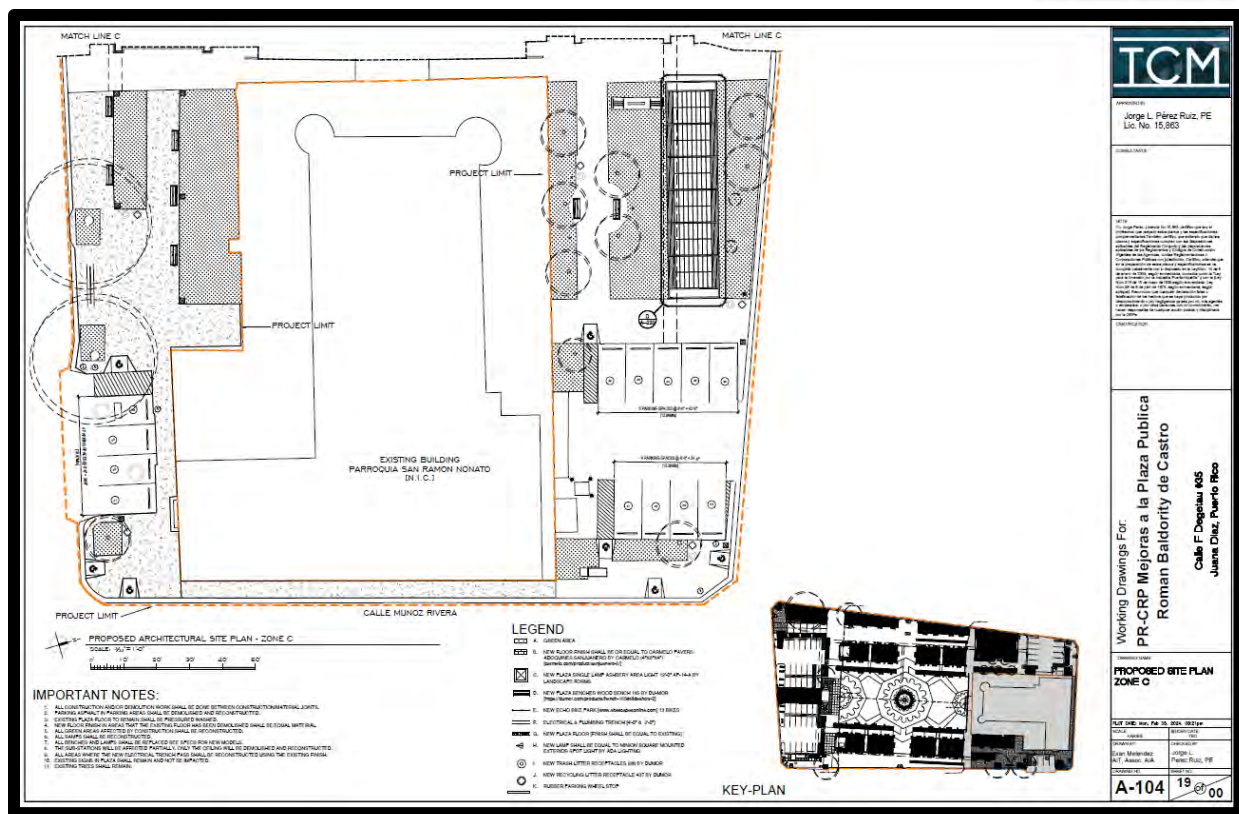


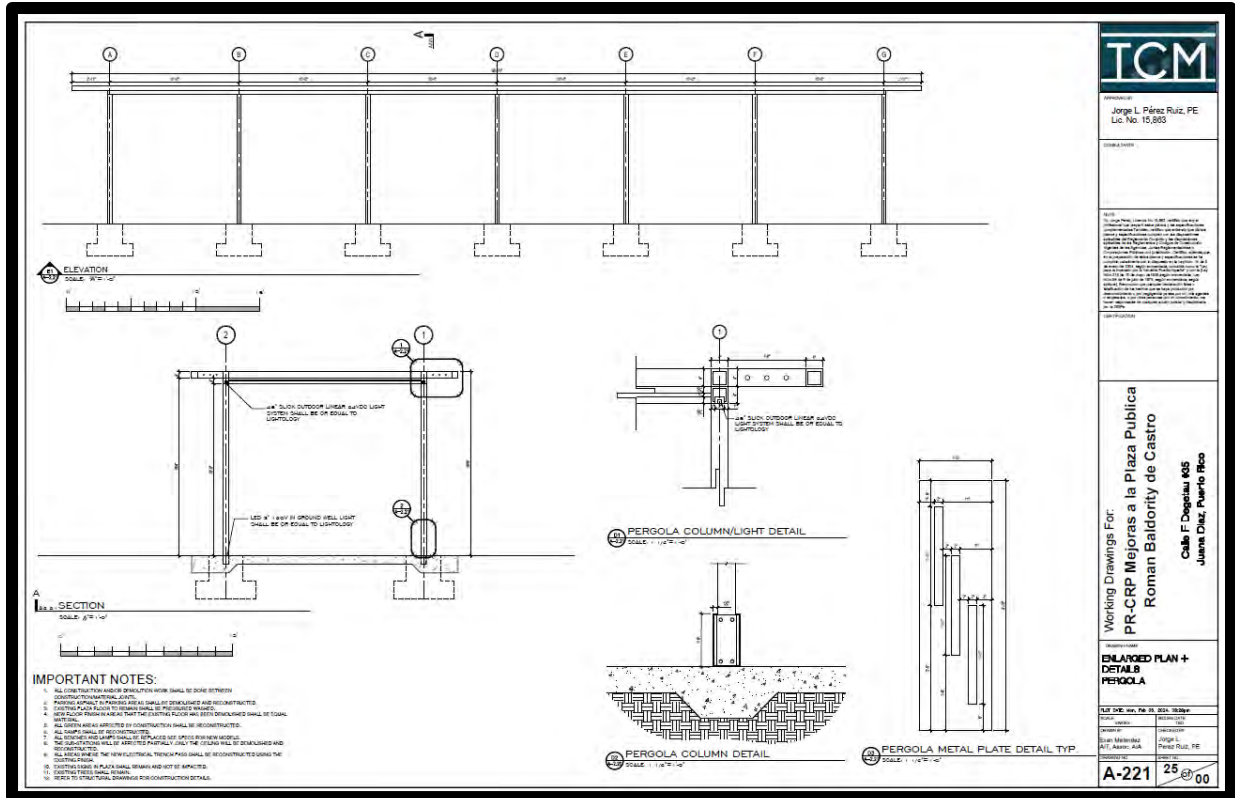




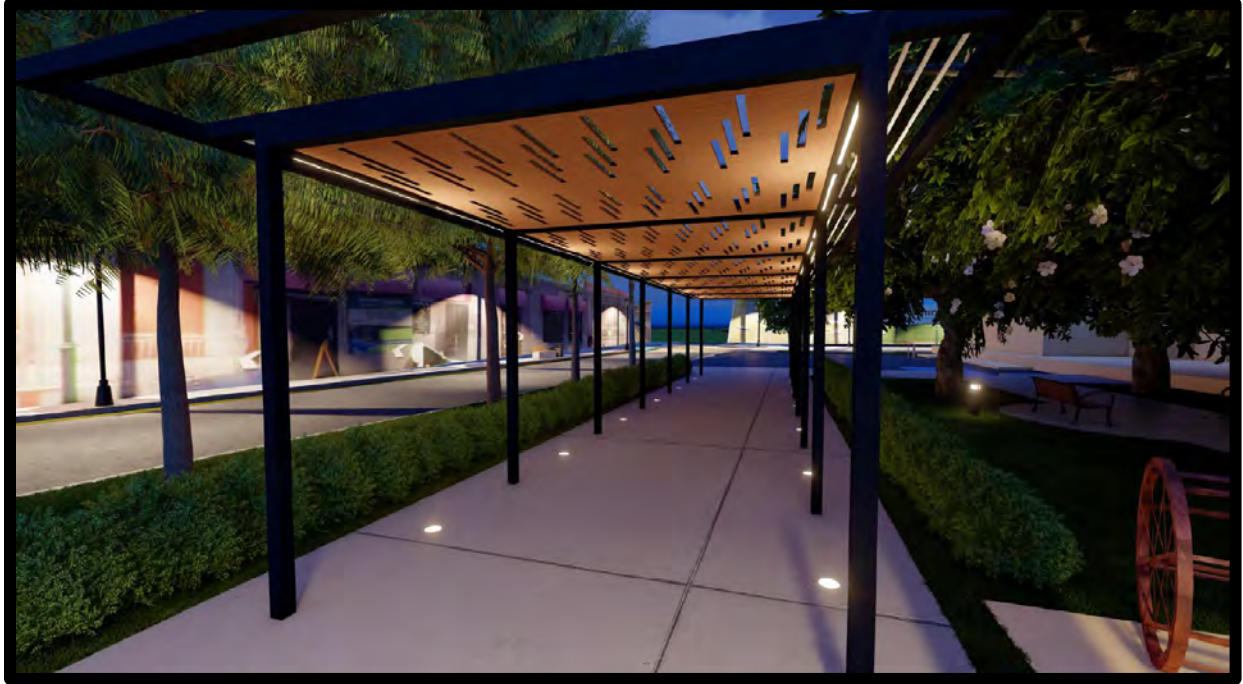


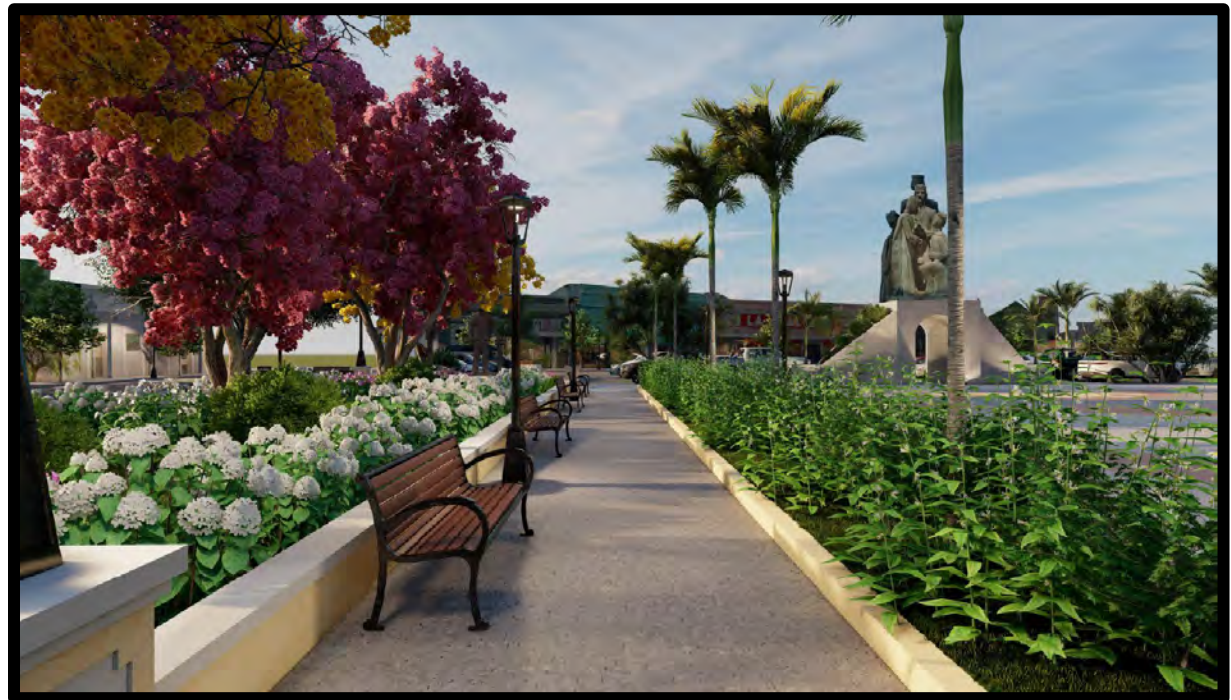
















PROPOSED PROJECT LIST BY ARBORIST



Plantas a considerar sembrar alrededor de la plaza y a lo largo de la carretera. Cada planta tiene su particularidad y al sembrarlas en áreas urbanas necesitan cuidado y mantenimiento para contribuir su salud y crecimiento.



Atago - Theophrasta grandiflora
Considerada la flor símbolo de Puerto Rico. Se caracteriza por tener flores y semillas todo el año, posee hermosas flores solitarias de colores vivos como el rojo, anaranjado o violeta, y a veces los cuidados que necesita, es más probable que crezca de 10 a 15 metros de altura. Necesita muy condiciones que no tolera períodos de sequía. Luc del sol es un requisito indispensable todos los días, no importa la estación del año.



Ban-lan - Chroptera odorata
La flor de Yang Yang se ha utilizado durante siglos en el desarrollo de perfumes, en aromaterapia y para adornar eventos. Esta maravillosa flor produce un aceite esencial valioso. Las flores son de color amarillo-verdoso muy atractivas y exóticas y liberan un aroma que se percibe a mucha distancia.



Pensil - Citharexylum spinosum árbol mediano que produce flores y frutos usados por la vida silvestre. Sus flores son blancas y perfumadas. Tienen clima seco. Crecen relativamente rápido.



Maracaná de malaya - Eugenia malaccensis - Siempreverde robusta para ornato y sombra. Bueno para áreas limitadas porque la copa es pequeña y las raíces no son problemáticas. Crece en la mayoría de los suelos, requiere riego. La copa es espesa, con flores de color rojo púrpura y frutos rojos que nacen detrás de las hojas. Sus frutos atraen a murciélagos y aves frugívoras. Sus hojas son de color verde oscuro.

Plantas en ramilletes compuestos de una masa de estambres rojos que forman una sombra en el suelo al caer. Florece y fructifica durante todo el año.



Capulin - Muntingia calabura - Árbol de crecimiento rápido bueno para ornato y sombra. Crecen rápido en pleno sol, se adaptan a variados suelos suelos húmedos. Es un siempreverde con ramas largas, esbeltas, extendidas y muchas ramas laterales.



Krapipai - Alseodaphne rubra - Árbol que produce flores fragantes, que duran mucho, de color rojo o blanco. Son sembradas en jardines, parques, cementerios, jardines y otras áreas limitadas. Crece en suelos pobres y condiciones secas, pero no se da muy bien en áreas con poca humedad. La copa o dosel es muy abierta de pocas ramas gruesas, caméfitas, extendidas. Florece cuando muy joven y a menudo florece durante casi todo el año. Las flores son de color verde bastante afiladas. Las flores son grandes y tubulares, son ramilletes. Crece a fondo.



Malaguetta - Alseodaphne rubra - Árbol principalmente conífero y terreno de altura baja. Las hojas son muy aromáticas. Es un árbol erecto, siempre verde, de hasta 15-20 m de altura. Las flores son de 10 mm o más de diámetro, de color blanco. El fruto se desarrolla hasta 20 cm de diámetro, a menudo ligeramente ondulado y estrado, con corteza lisa, de gris a marrón claro, que se desgarra en franjas tras la corteza interior es resaca. Prefiere áreas con sol.



Baka amarillo - Bauhinia speciosa - Árbol ornamental, poco altura. Produce flores amarillas muy llamativas. Tienen sequía. Se recomienda sembrar a distancia entre árboles de 12-15 pies. Copa extendida, espesa, con ramas fuertemente colgantes. Crece mejor en terreno húmedo con buen drenaje.



Baka de las flores - Lagerstroemia speciosa - Produce flores en ramilletes brillantes color púrpura o rosado que duran mucho. Usos: Sombra y ornato en parques, jardines y a lo largo de carreteras. Crece en la mayoría de los suelos pero mejor en suelos húmedos con buen drenaje. Se debe podar para mantenerlo pequeño. Velocidad de crecimiento: Moderada



Palo de vaca - Bougainvillea speciosa - Árbol pequeño con flores blancas y perfumadas. Atractivo para mariposas y aves vida silvestre. Crece en la costa.



Palo anaranjado - Bauhinia speciosa - Árbol pequeño. Flores blancas y perfumadas. Atractivo para mariposas y aves vida silvestre. Se sembrar para sombra principalmente en áreas costeras.



Mata rallo - Clitoria maritima - Árbol con dosel amplio y ramas extendidas con flores rosadas muy llamativas. Altura hasta 10-12 m. Sirve para sombra, crecimiento relativamente rápido.

Arborist | Jose Chabert



U.S. Department of Housing and Urban
Development 451 Seventh Street, SW
Washington, DC 20410
www.hud.gov
espanol.hud.gov

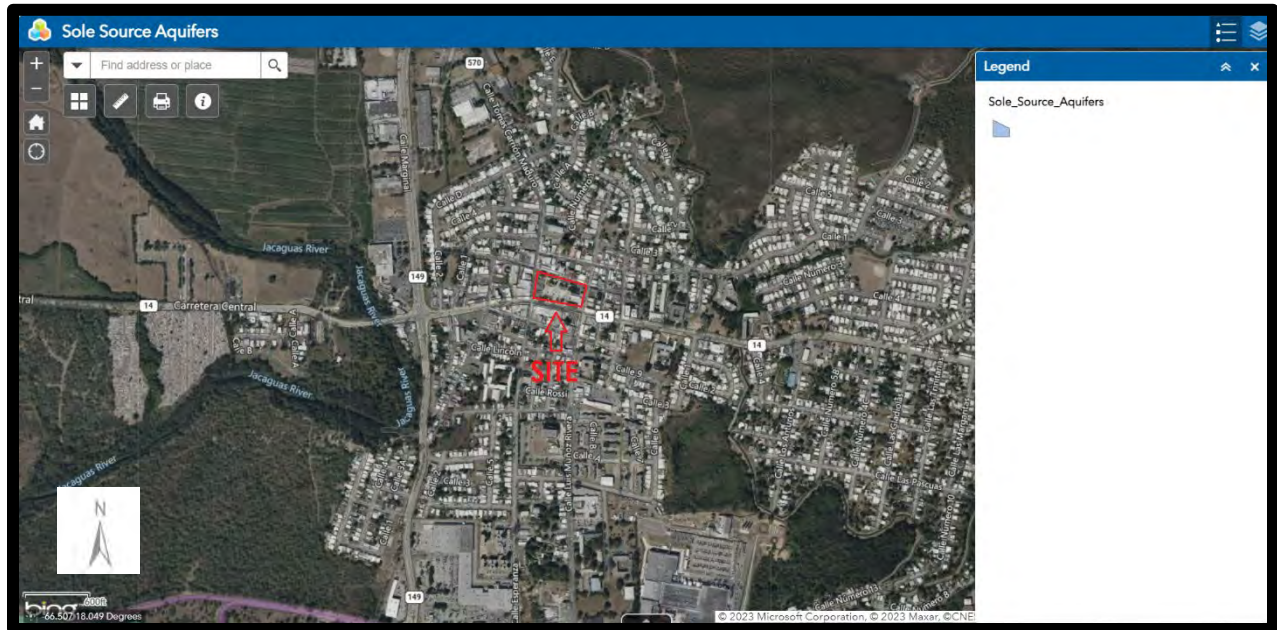
Exhibit 13: Sole Source Aquifers (MAP), (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 °, -66.505785° (NAD 1983)



<https://www.hudexchange.info/environmental-review/sole-source-aquifers>



[Sole Source Aquifers \(arcgis.com\)](https://www.arcgis.com)



Exhibit 14: Wetland Protection (MAP), (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 ° , -66.505785° (NAD 1983)



<https://www.hudexchange.info/environmental-review/wetlands-protection>

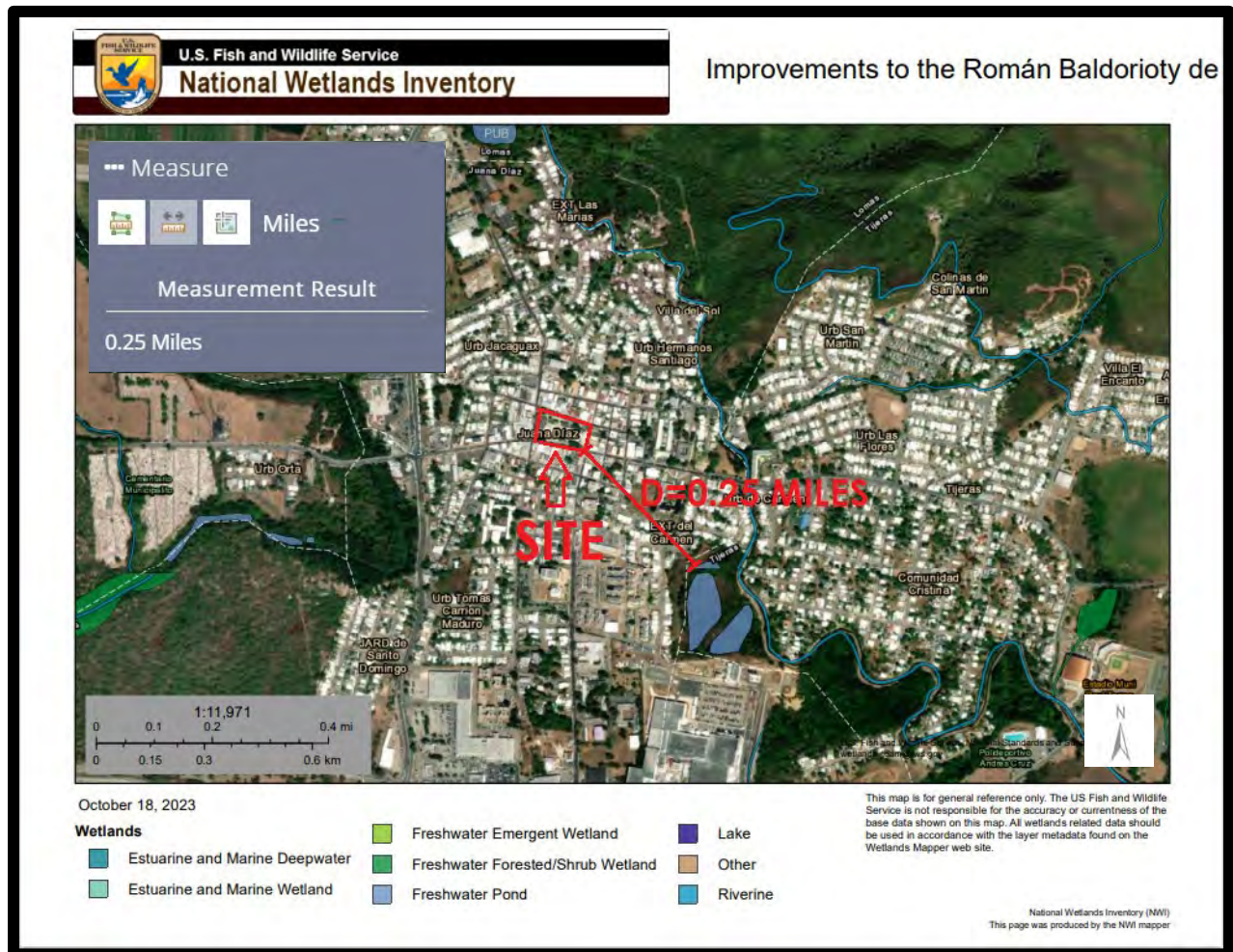
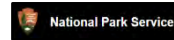


Exhibit 15: Wild and Scenic Rivers (MAP), (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz

Coordinates: 18.053032 °, -66.505785° (NAD 1983)



<https://www.hudexchange.info/environmental-review/wild-and-scenic-rivers>



Ruler

Line
Path
Polygon
Circle
3D path
3D polygon

Measure the distance between two points on the ground

Map Length: 48.31 Miles

Ground Length: 48.31

Heading: 69.98 degrees

☐ Mouse Navigation

Save
Clear

2/18/22, 4:54 PM

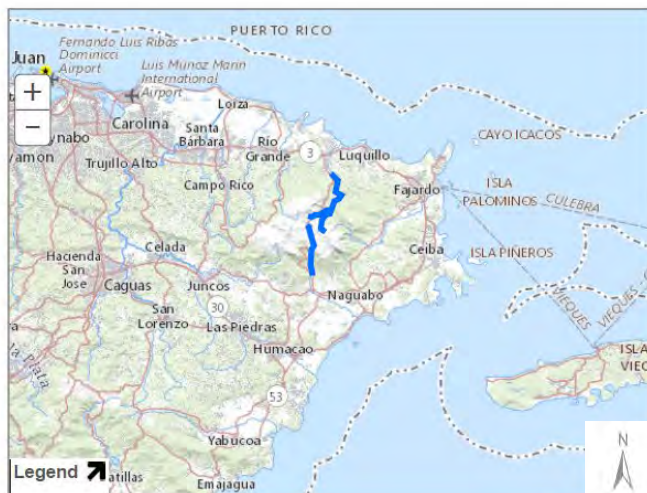
Puerto Rico



[NATIONAL SYSTEM](#) | [MANAGEMENT](#) | [RESOURCES](#) | [PUBLICATIONS](#) | [CONTACT US](#) | [50 YEARS](#) | [SITE INDEX](#)

PUERTO RICO

Puerto Rico has approximately 5,385 miles of river, of which 8.9 miles of three rivers are designated as wild & scenic—less than 2/10ths of 1% of the commonwealth's river miles.



Choose A State

Choose A River

Dark and foreboding one minute, sun-drenched and exploding with color the next, tropical rivers span every mood.

[+ View larger map](#)

Río de la Mina
Río Icacos
Río Mameyes

[NATIONWIDE RIVERS INVENTORY](#) | [CONTACT US](#) | [PRIVACY NOTICE](#) | [Q & A SEARCH ENGINE](#) | [SITE MAP](#)



<https://rivers.gov/puerto-rico.php>

**Exhibit 16: Calification (MAP),
(PR-CRP-000434)**

Address: Street PR-14, Km 14, Juana Diaz
Coordinates: 18.053032 °, -66.505785° (NAD 1983)



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

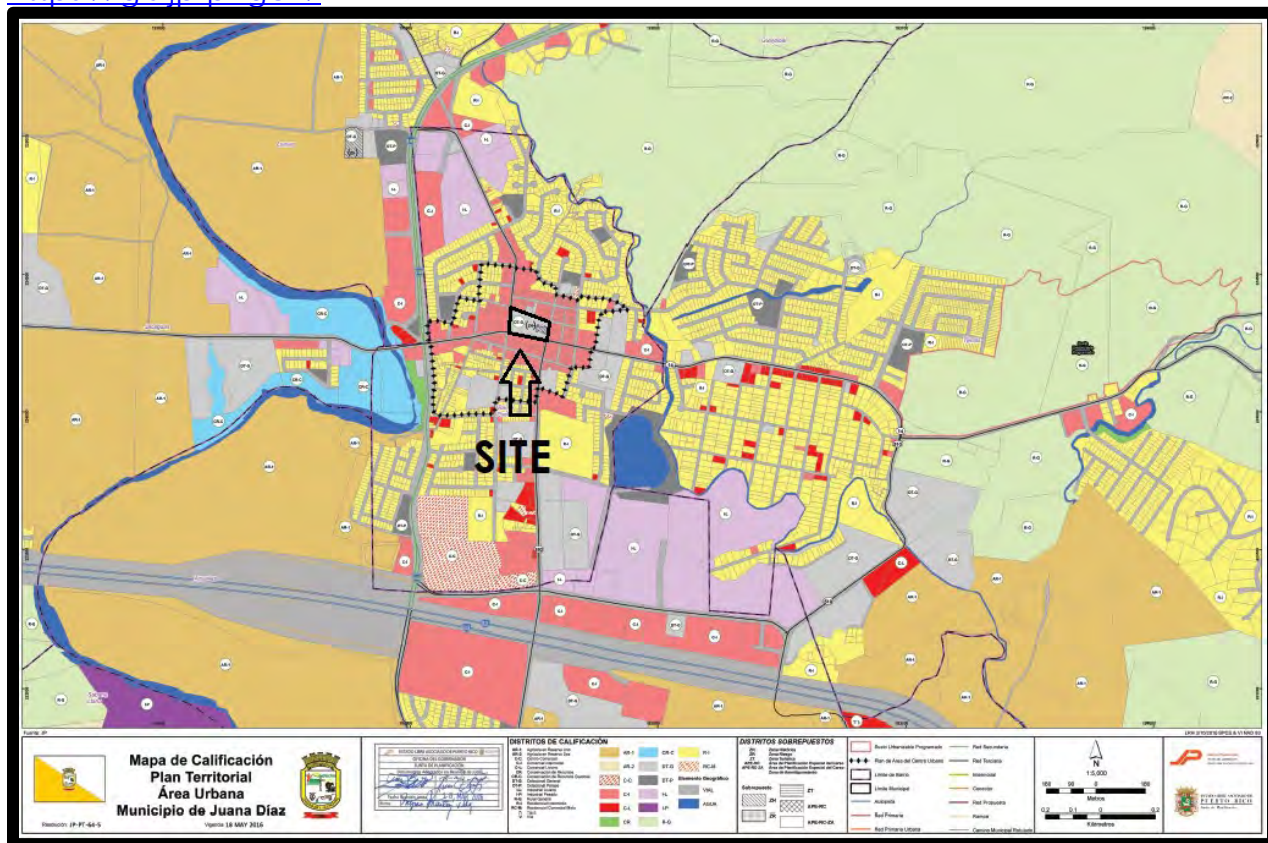
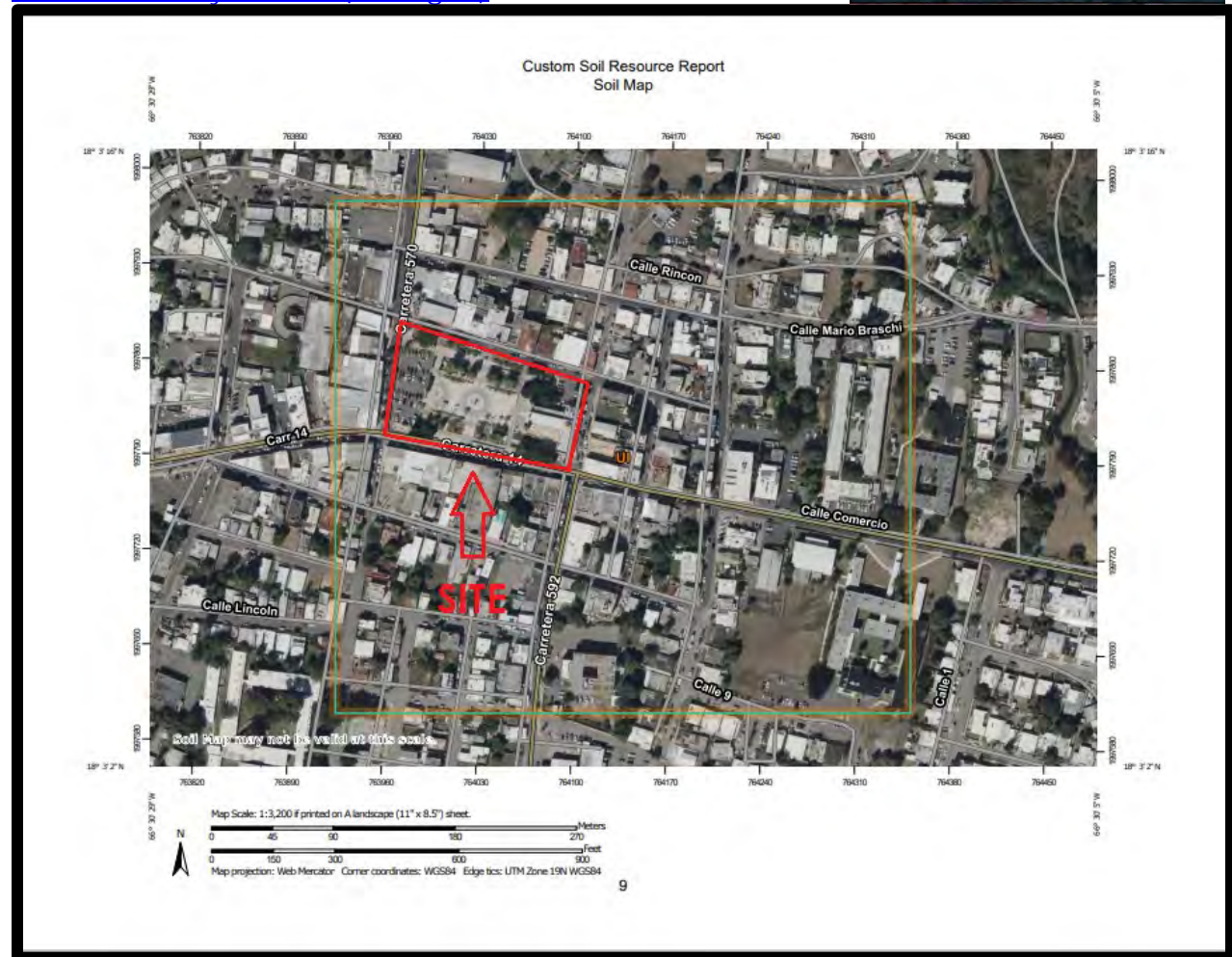


Exhibit 17: Soil Report (MAP), (PR-CRP-000434)

Address: Street PR-14, Km 14, Juana Diaz

Coordinate: 18.053032 °, -66.505785° (NAD 1983)

[Web Soil Survey - Home \(usda.gov\)](http://websoilsurvey.sc.egov.usda.gov)



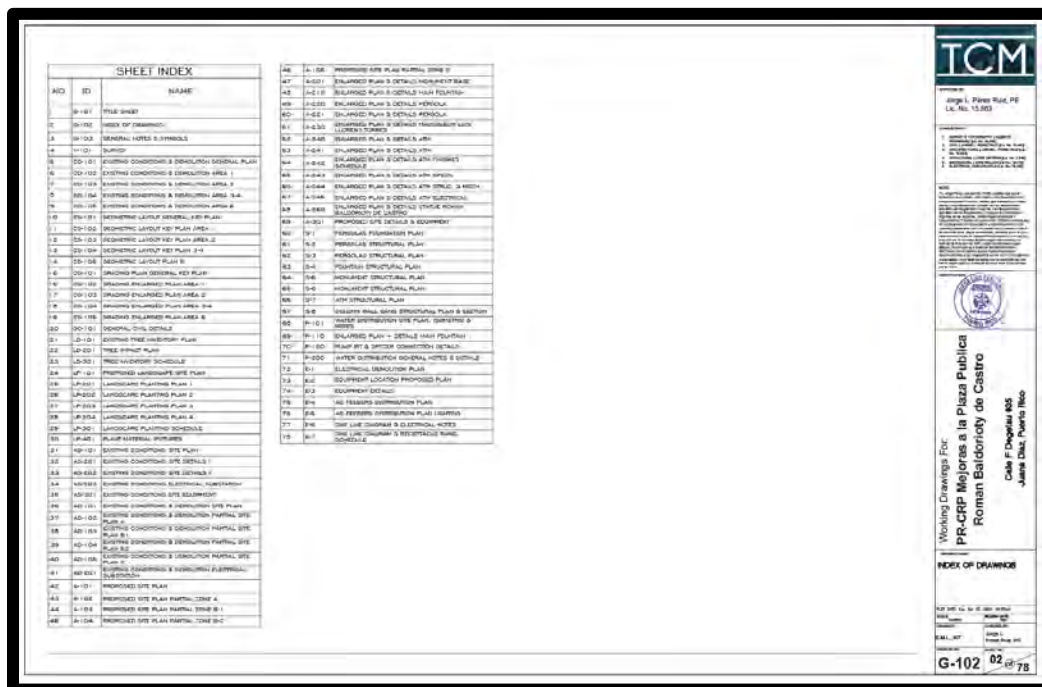
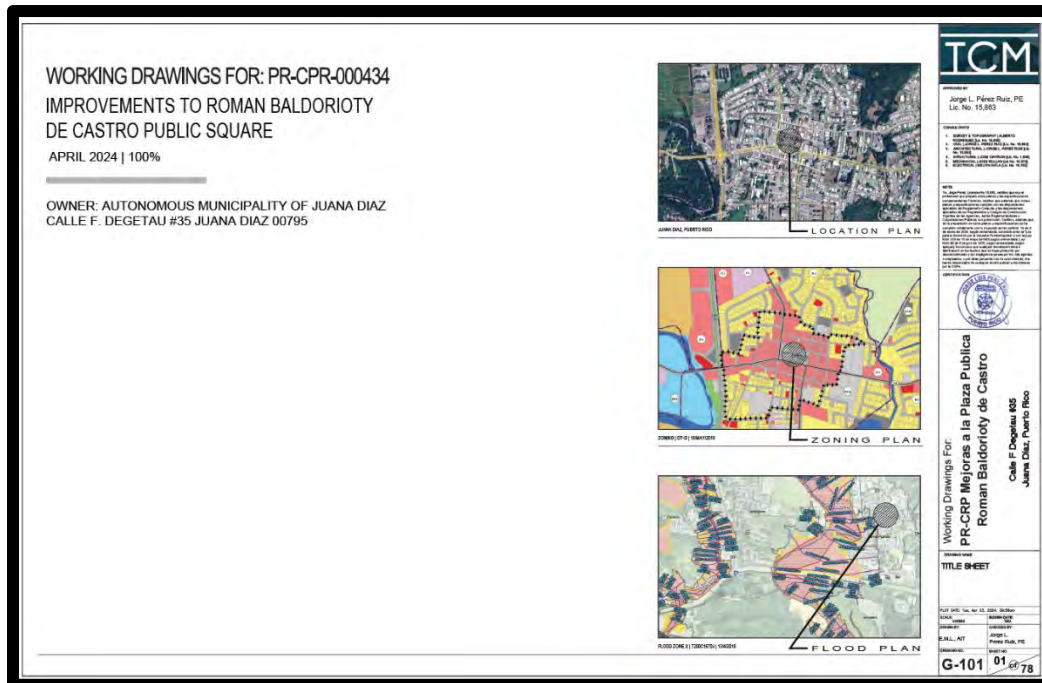
Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|------------------------------------|---------------|--------------|----------------|
| U1 | Urban land | 39.7 | 100.0% |
| Totals for Area of Interest | | 39.7 | 100.0% |

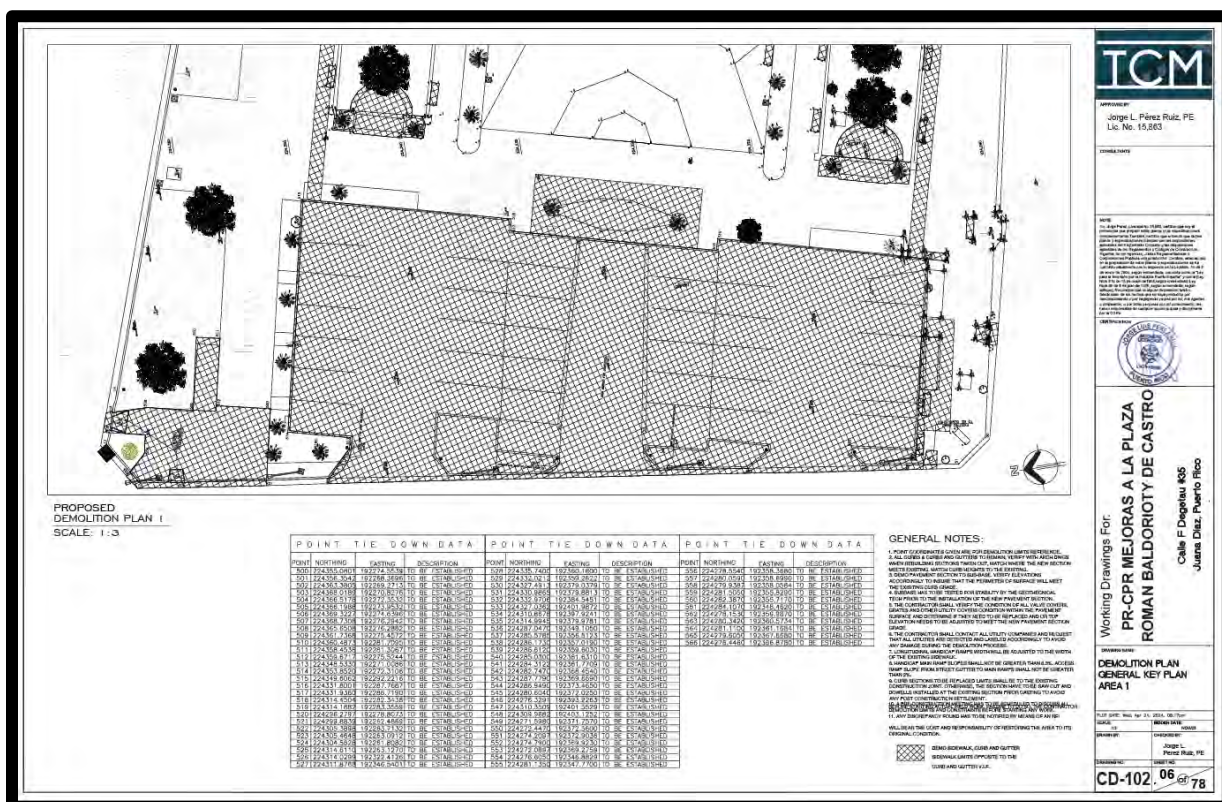
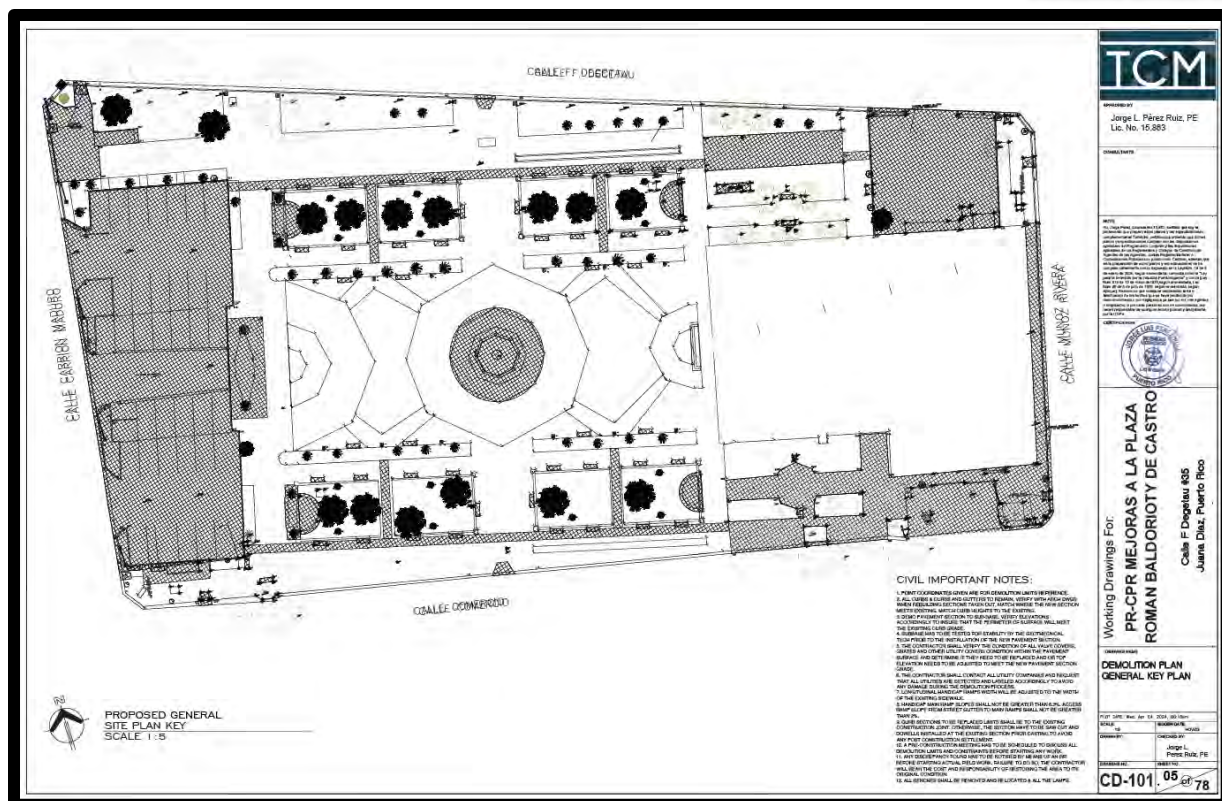
Exhibit 18: Design Plan 100%, (PR-CRP-000434)

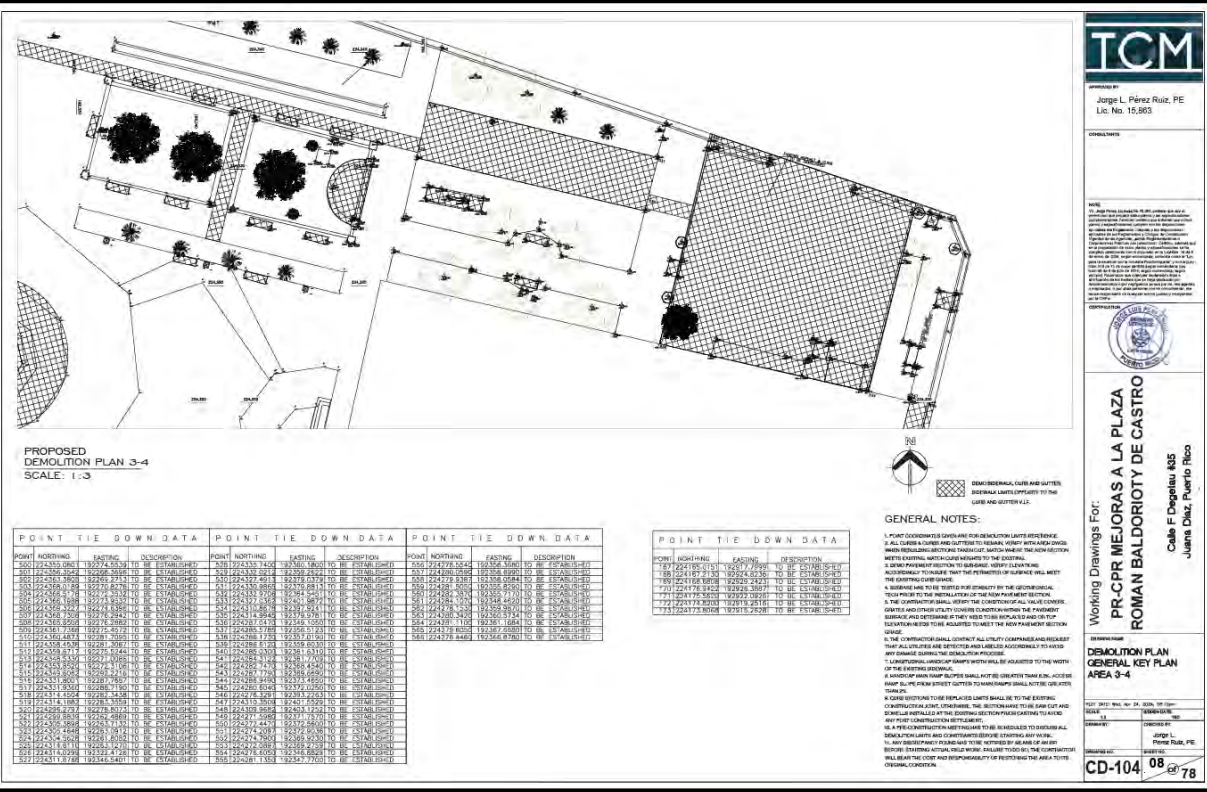
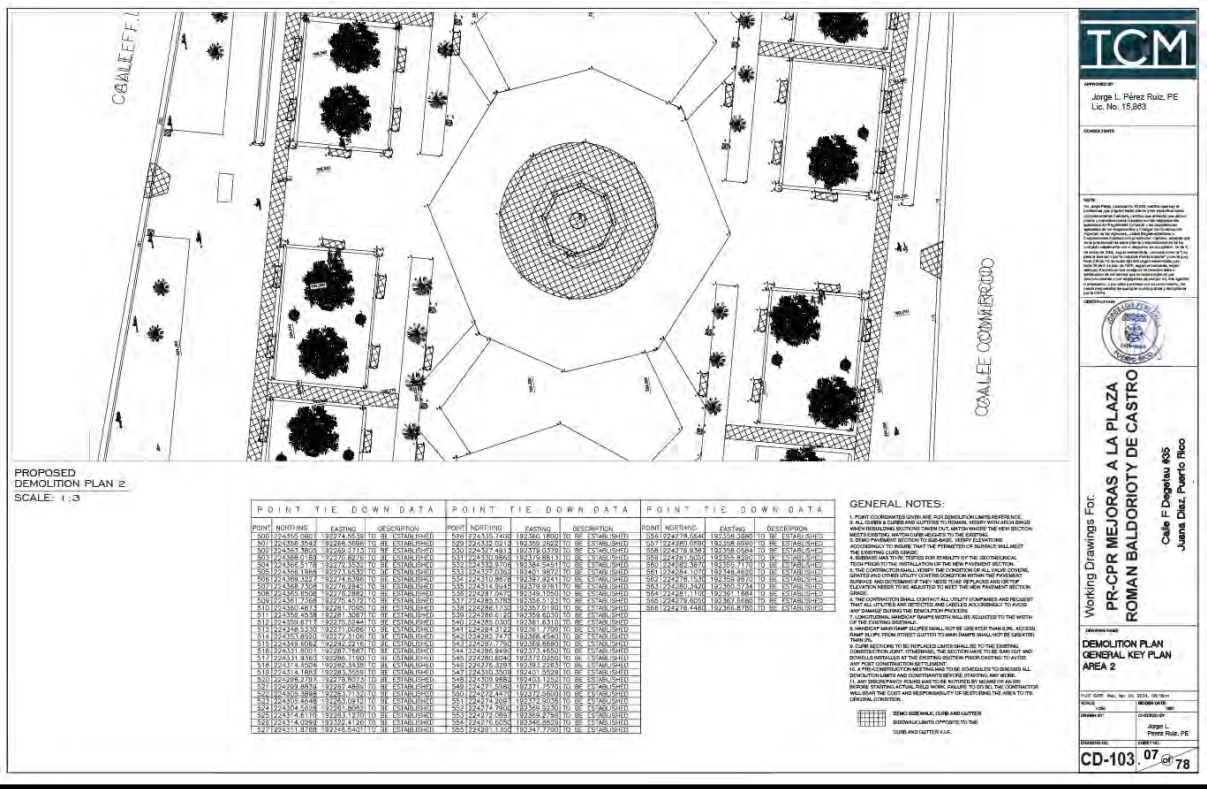
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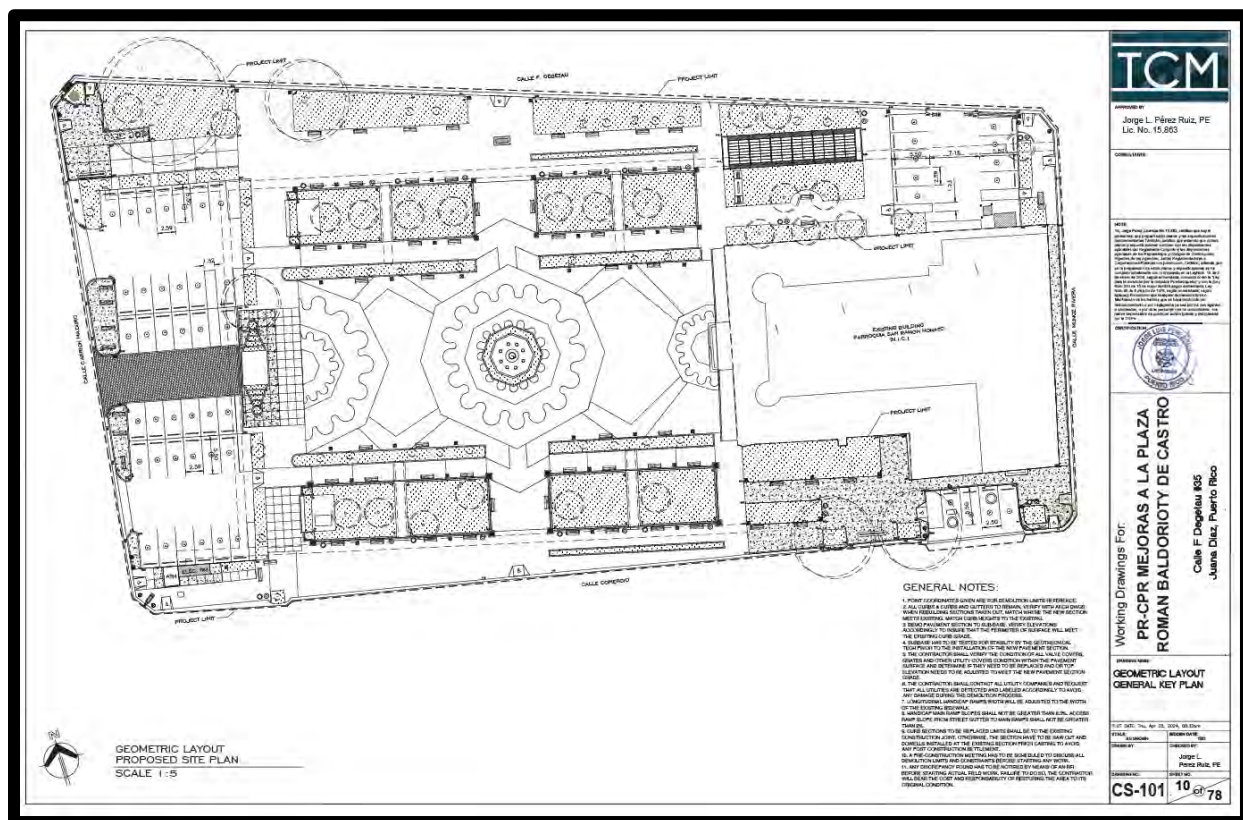
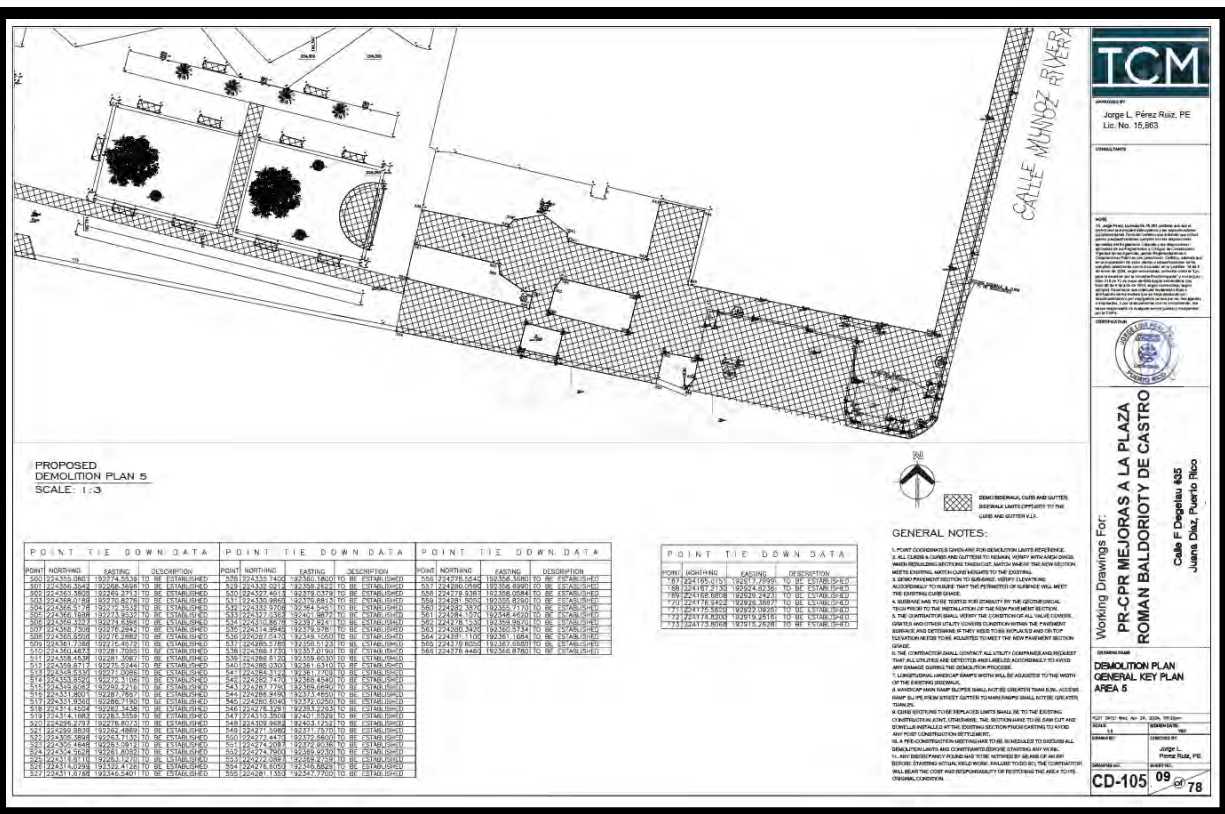
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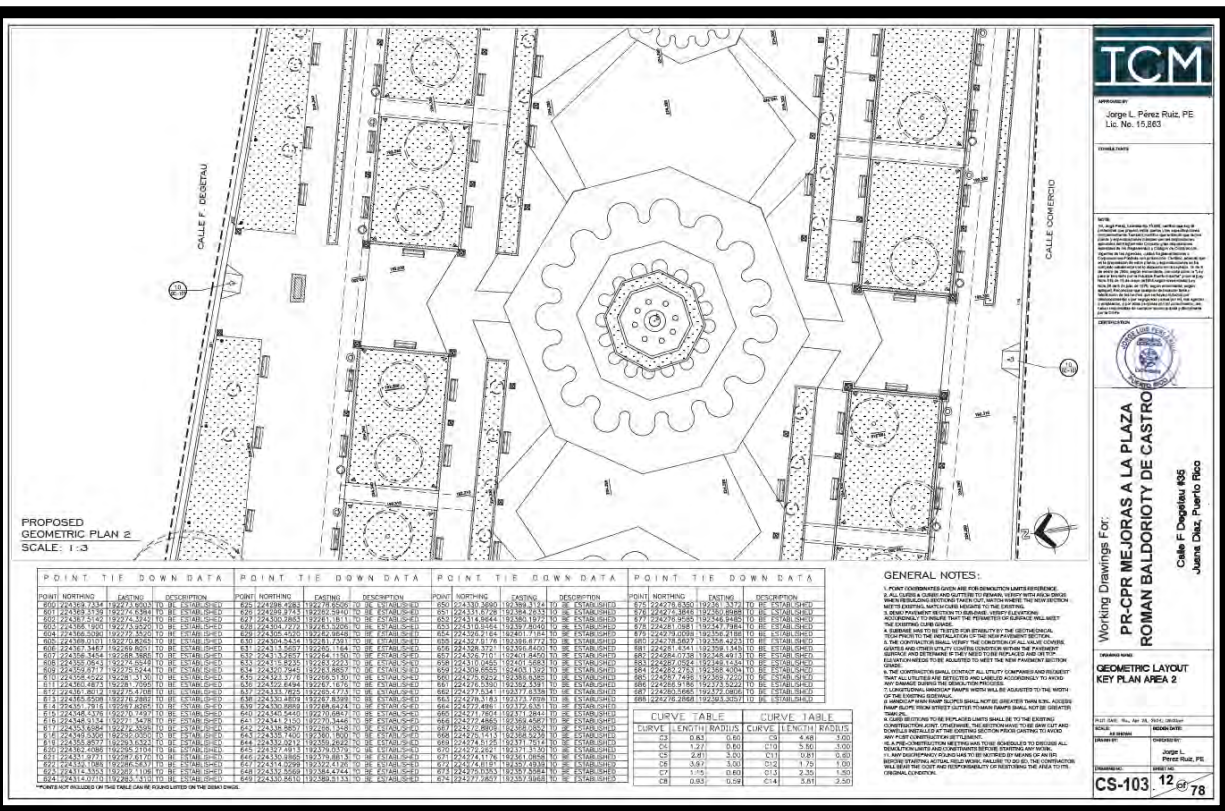
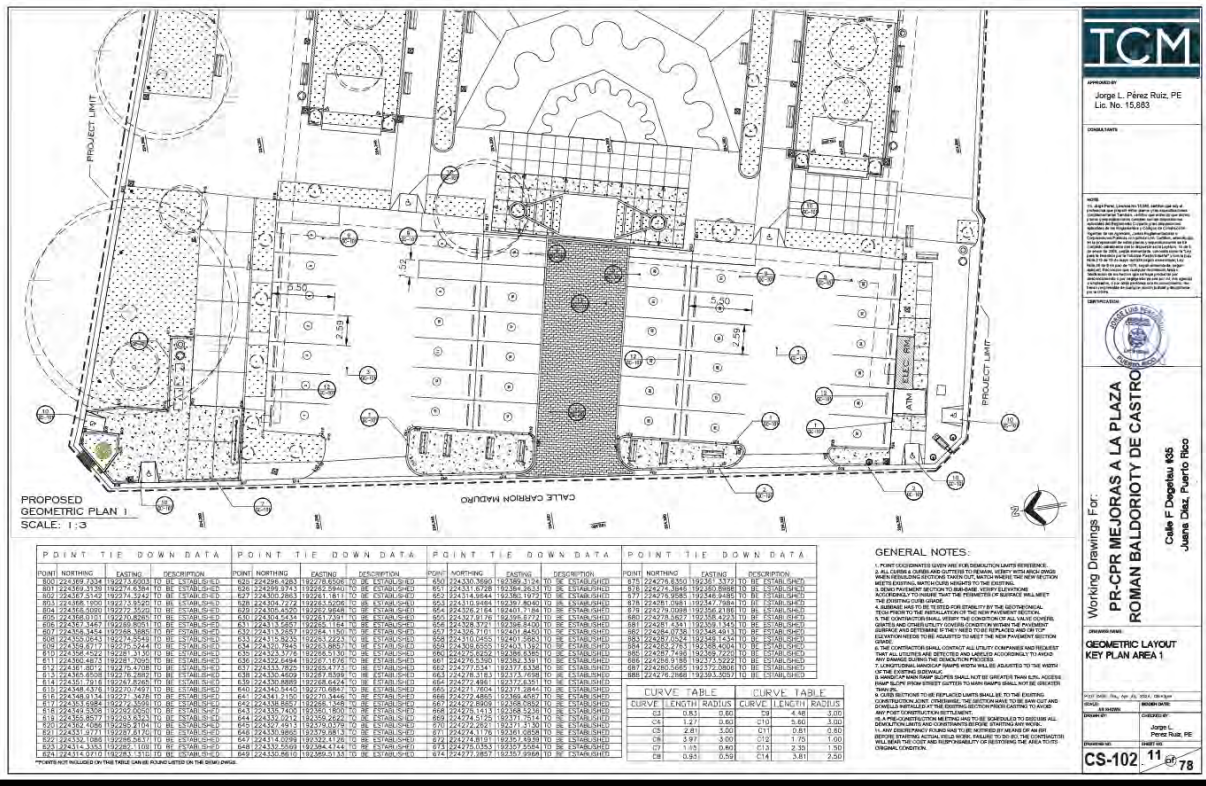


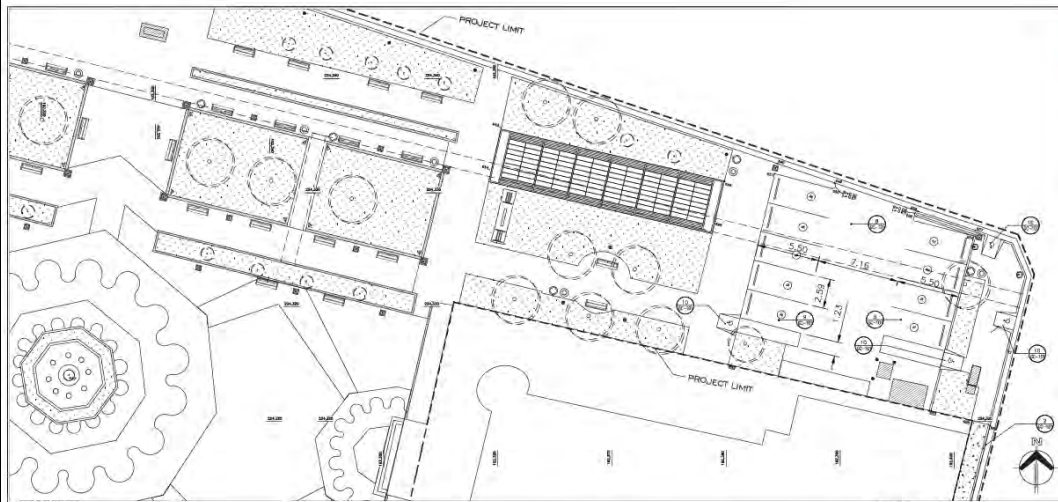
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PROPOSED
GEOMETRIC PLAN 3-4
SCALE: 1:3

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| 101 | 242470.43 | 197273.00 | 101 - 102 | 102 | 242471.12 | 197273.00 | 102 - 103 | 103 | 242471.81 | 197273.00 | 103 - 104 | 104 | 242472.50 | 197273.00 | 104 - 105 |
| 102 | 242471.12 | 197273.00 | 102 - 103 | 103 | 242471.81 | 197273.00 | 103 - 104 | 104 | 242472.50 | 197273.00 | 104 - 105 | 105 | 242473.19 | 197273.00 | 105 - 106 |
| 103 | 242471.81 | 197273.00 | 103 - 104 | 104 | 242472.50 | 197273.00 | 104 - 105 | 105 | 242473.19 | 197273.00 | 105 - 106 | 106 | 242473.88 | 197273.00 | 106 - 107 |
| 104 | 242472.50 | 197273.00 | 104 - 105 | 105 | 242473.19 | 197273.00 | 105 - 106 | 106 | 242473.88 | 197273.00 | 106 - 107 | 107 | 242474.57 | 197273.00 | 107 - 108 |
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| 109 | 242475.95 | 197273.00 | 109 - 110 | 110 | 242476.64 | 197273.00 | 110 - 111 | 111 | 242477.33 | 197273.00 | 111 - 112 | 112 | 242478.02 | 197273.00 | 112 - 113 |
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| 112 | 242478.02 | 197273.00 | 112 - 113 | 113 | 242479.40 | 197273.00 | 113 - 114 | 114 | 242479.40 | 197273.00 | 114 - 115 | 115 | 242479.40 | 197273.00 | 115 - 116 |
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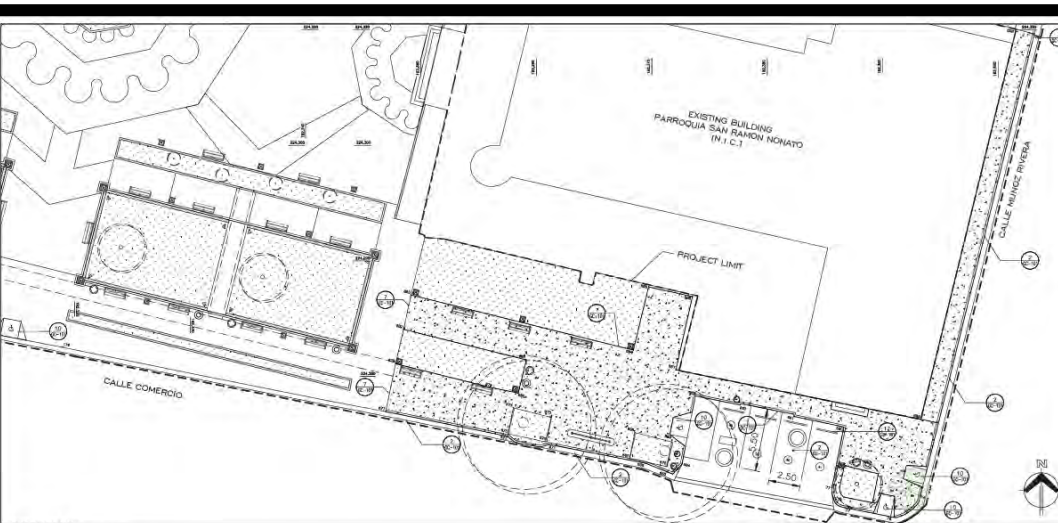
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| C7 | 1.92 | 1.75 |
| C8 | 0.8 | 0.40 |
| C9 | 3.81 | 0.99 |
| C10 | | |

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GENERAL NOTES

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| C5 | 2.81 | 3.00 | C11 | 0.81 | 0.60 |
| C6 | 3.97 | 3.00 | C12 | 1.76 | 1.0 |
| C7 | 1.18 | 0.60 | C13 | 2.36 | 1.0 |
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PROPOSED
GEOMETRIC PLAN 5
SCALE: 1:3

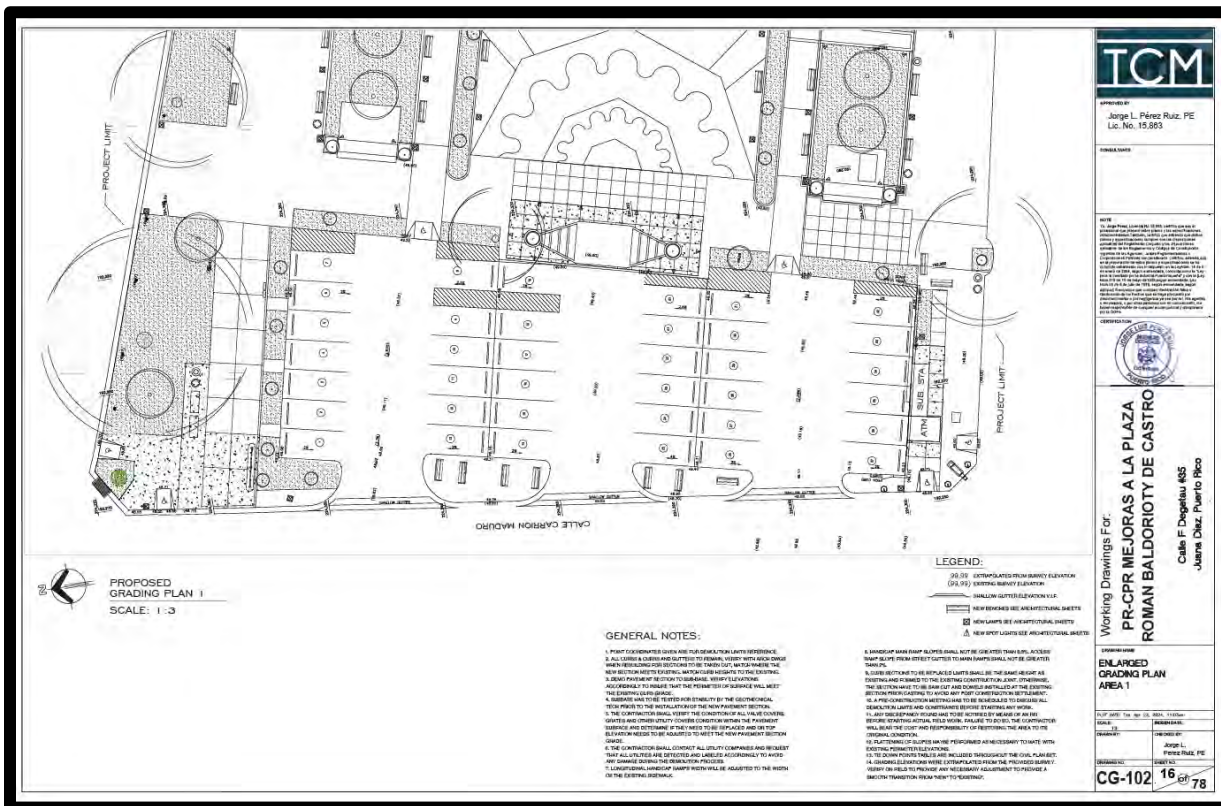
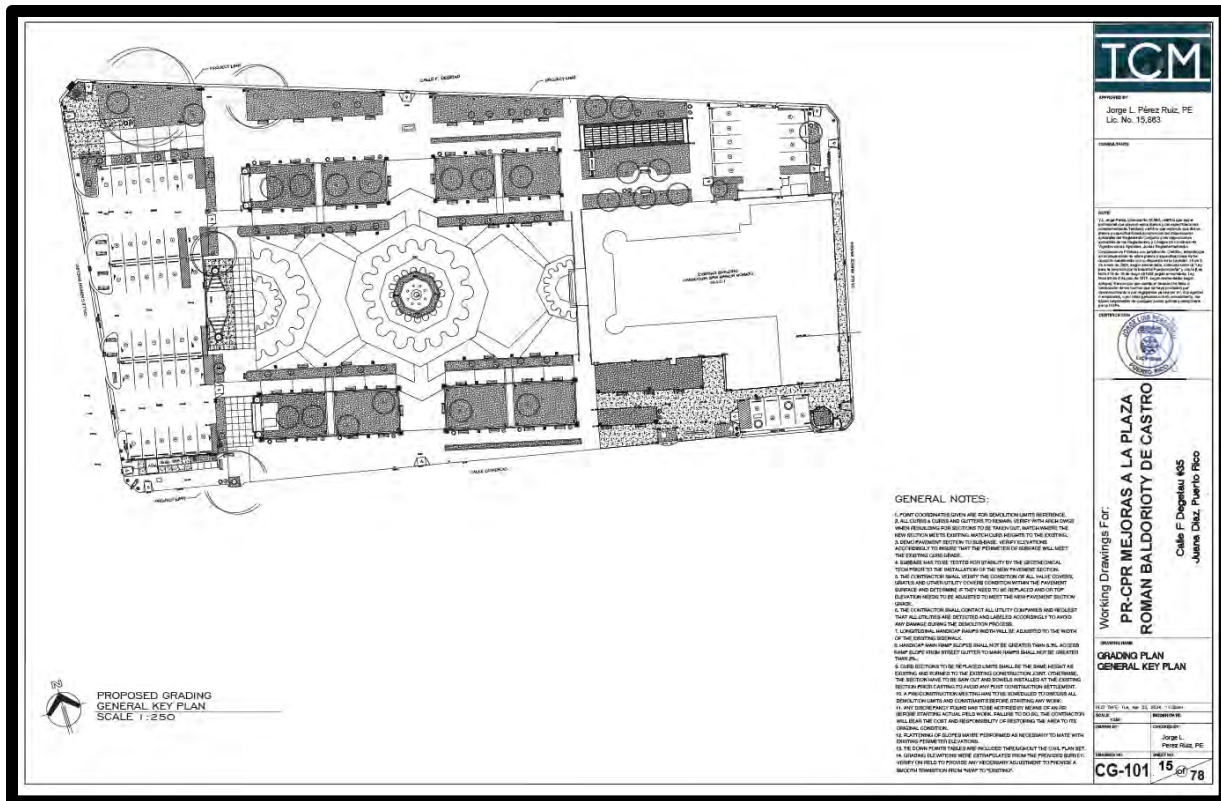
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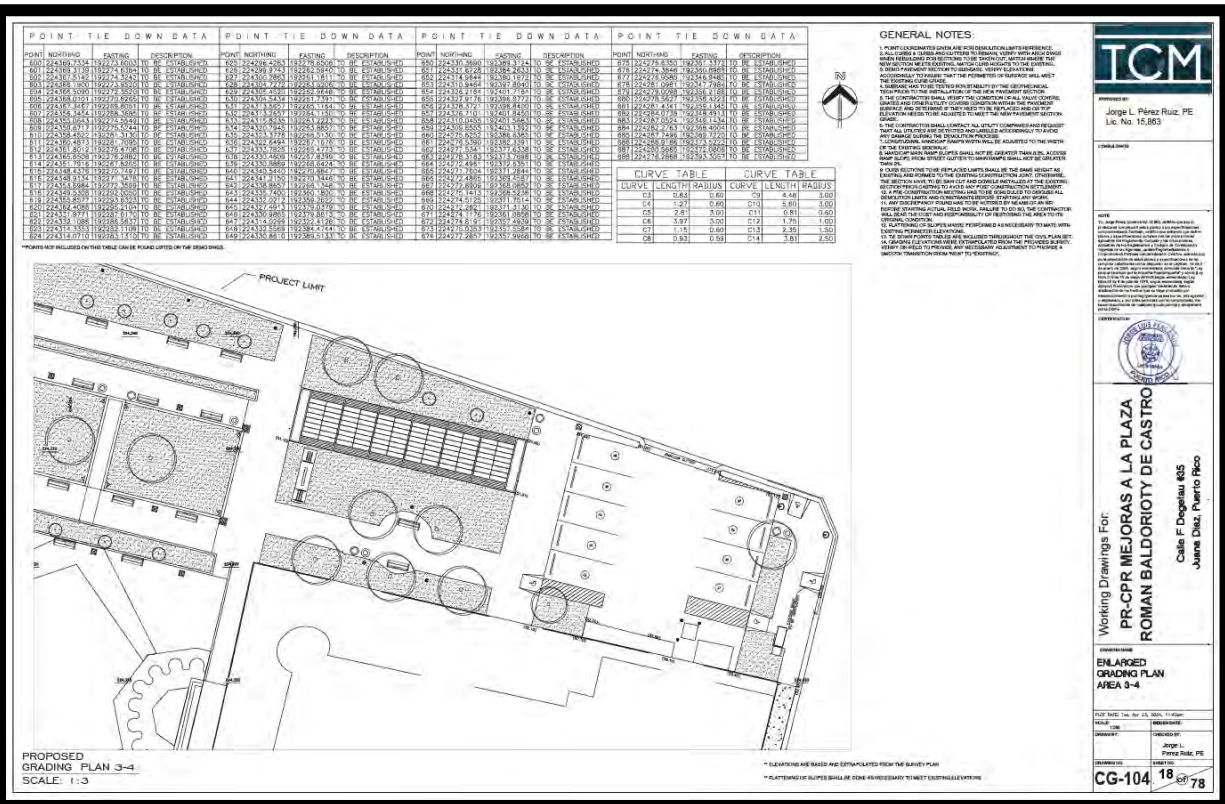
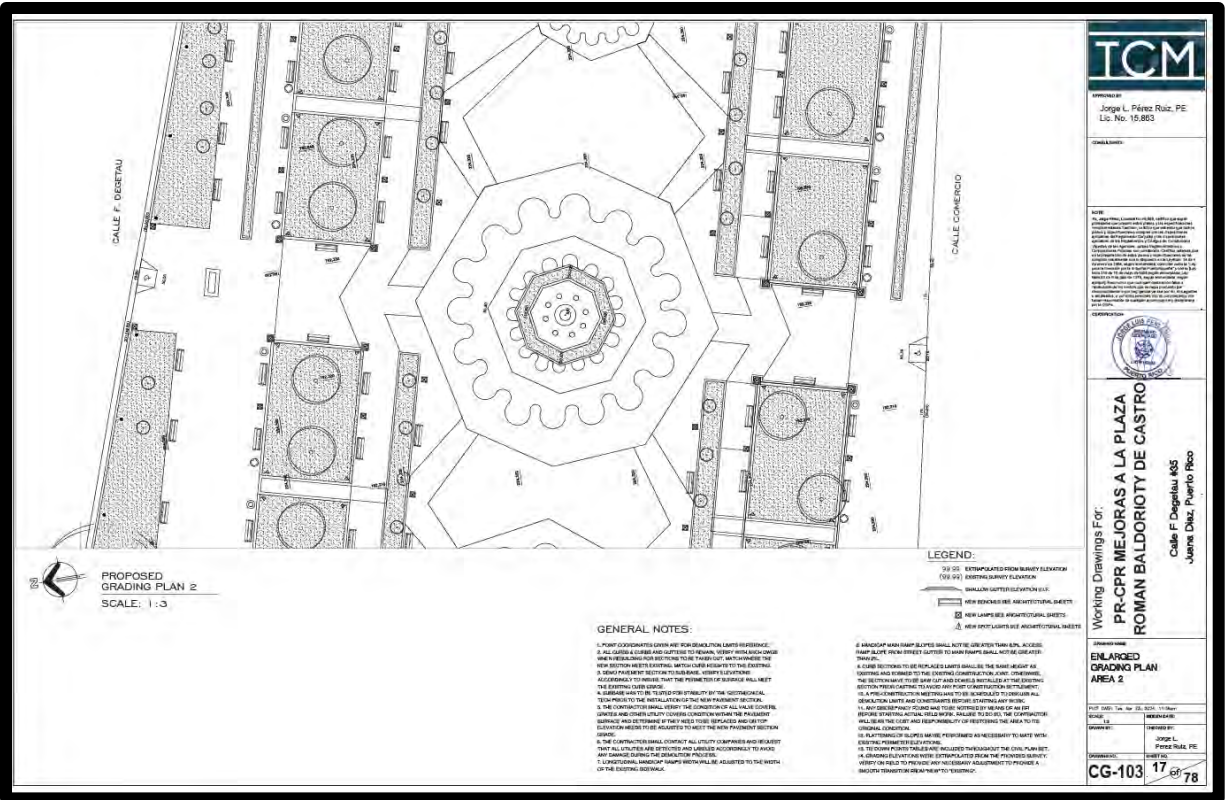
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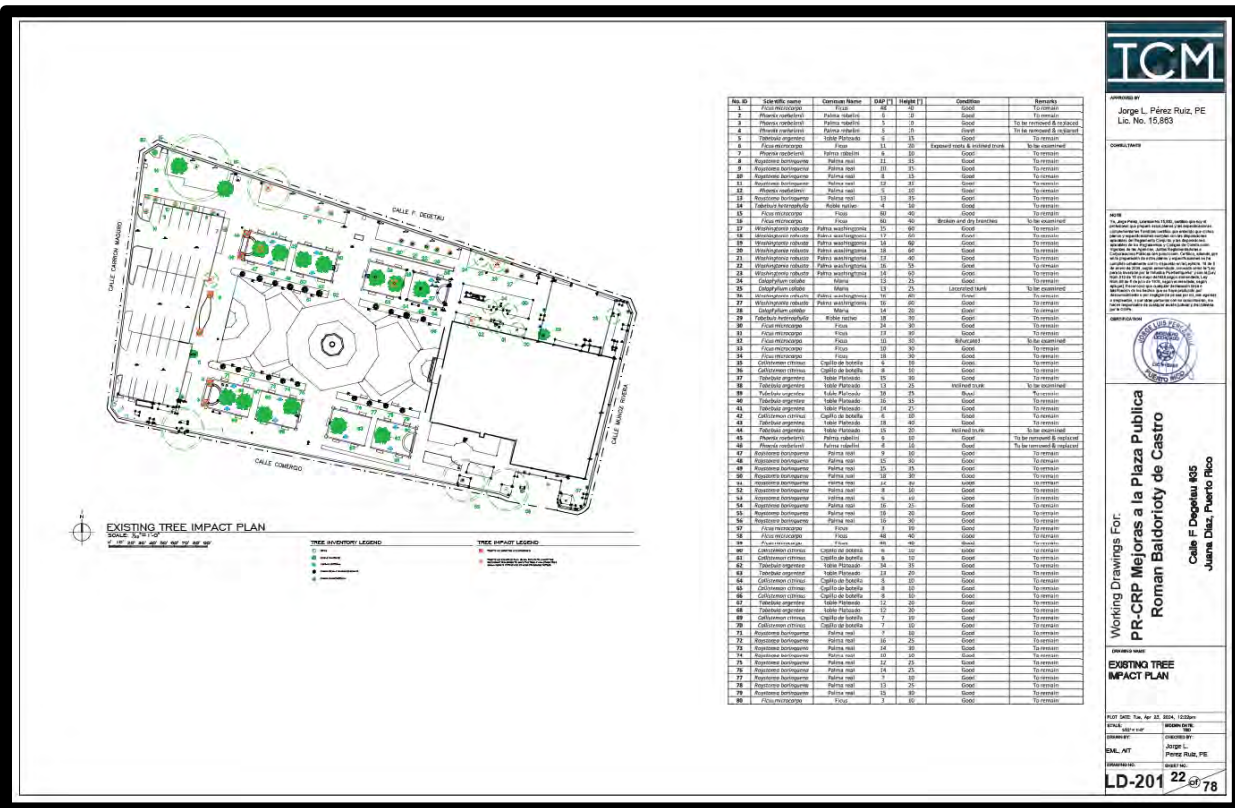
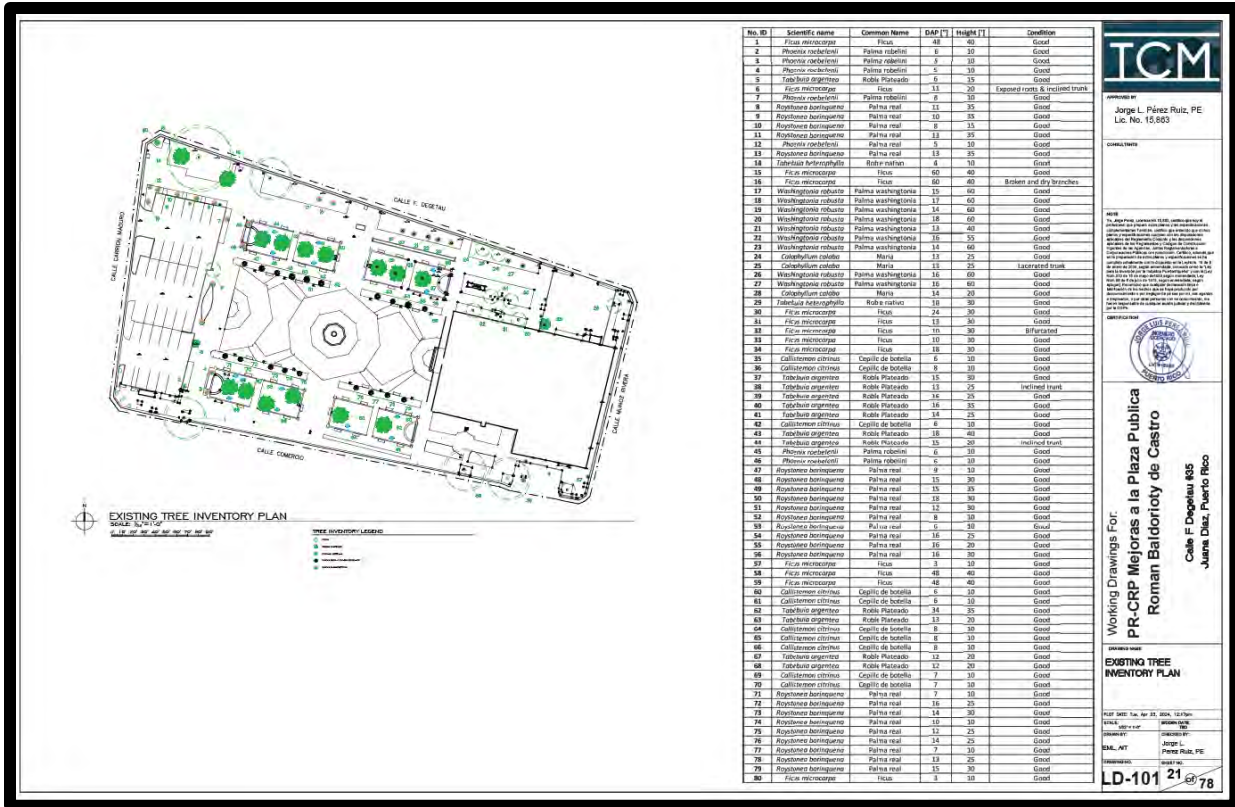
GENERAL NOTES

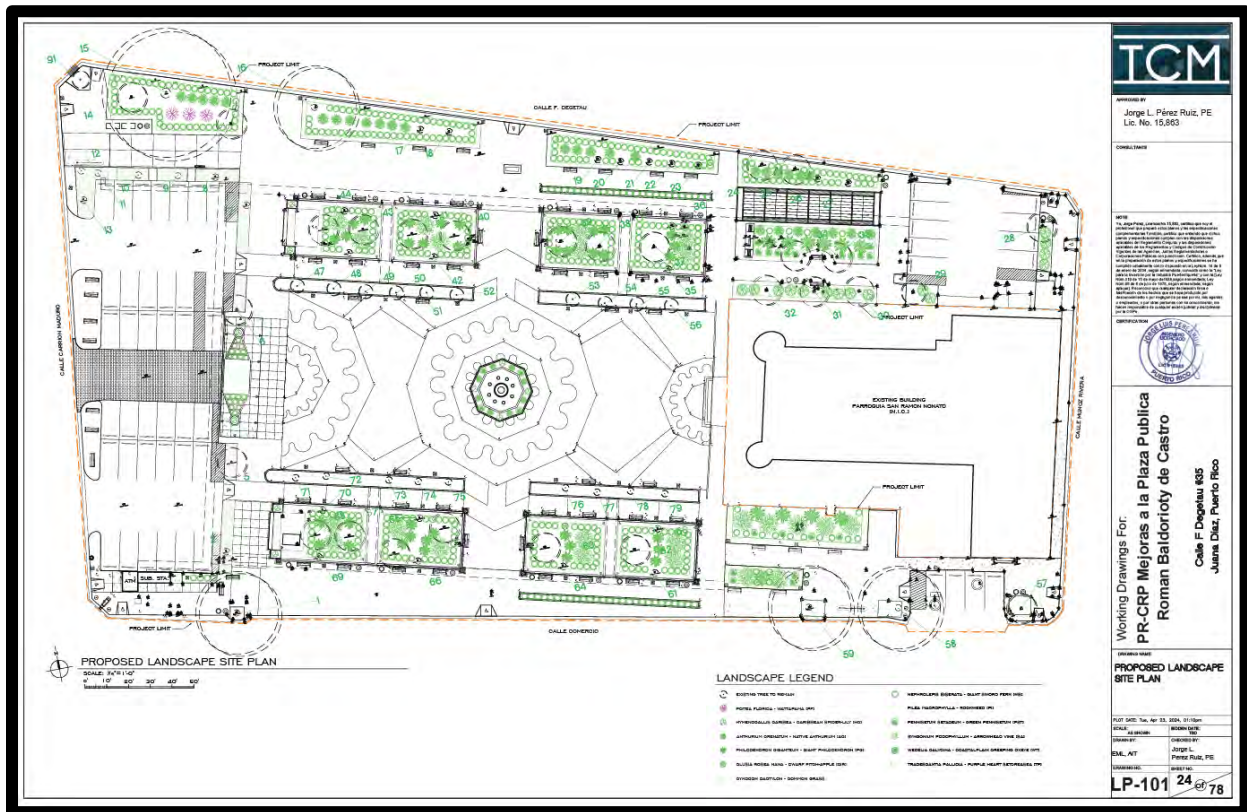
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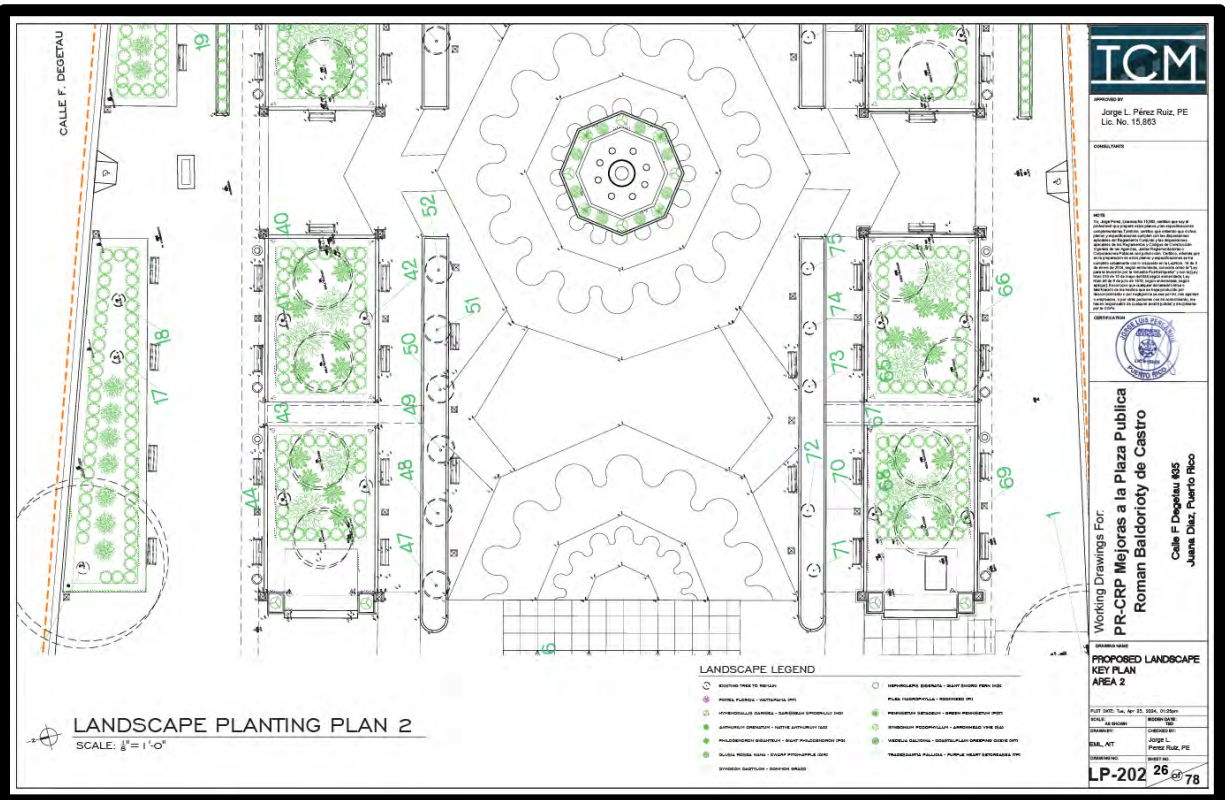
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|-------------|--------|--------|-------------|--------|--------|
| CURVE | LENGTH | RADIUS | CURVE | LENGTH | RADIUS |
| C3 | 0.82 | 0.80 | C9 | 4.48 | 3.1 |
| C4 | 1.27 | 0.80 | C10 | 5.60 | 5.0 |
| C5 | 2.81 | 3.50 | C11 | 0.81 | 0.80 |
| C6 | 3.93 | 3.00 | C12 | 1.75 | 1.75 |
| C7 | 1.15 | 0.60 | C13 | 2.35 | 1.1 |
| C8 | 0.93 | 0.50 | C14 | 3.81 | 3.81 |

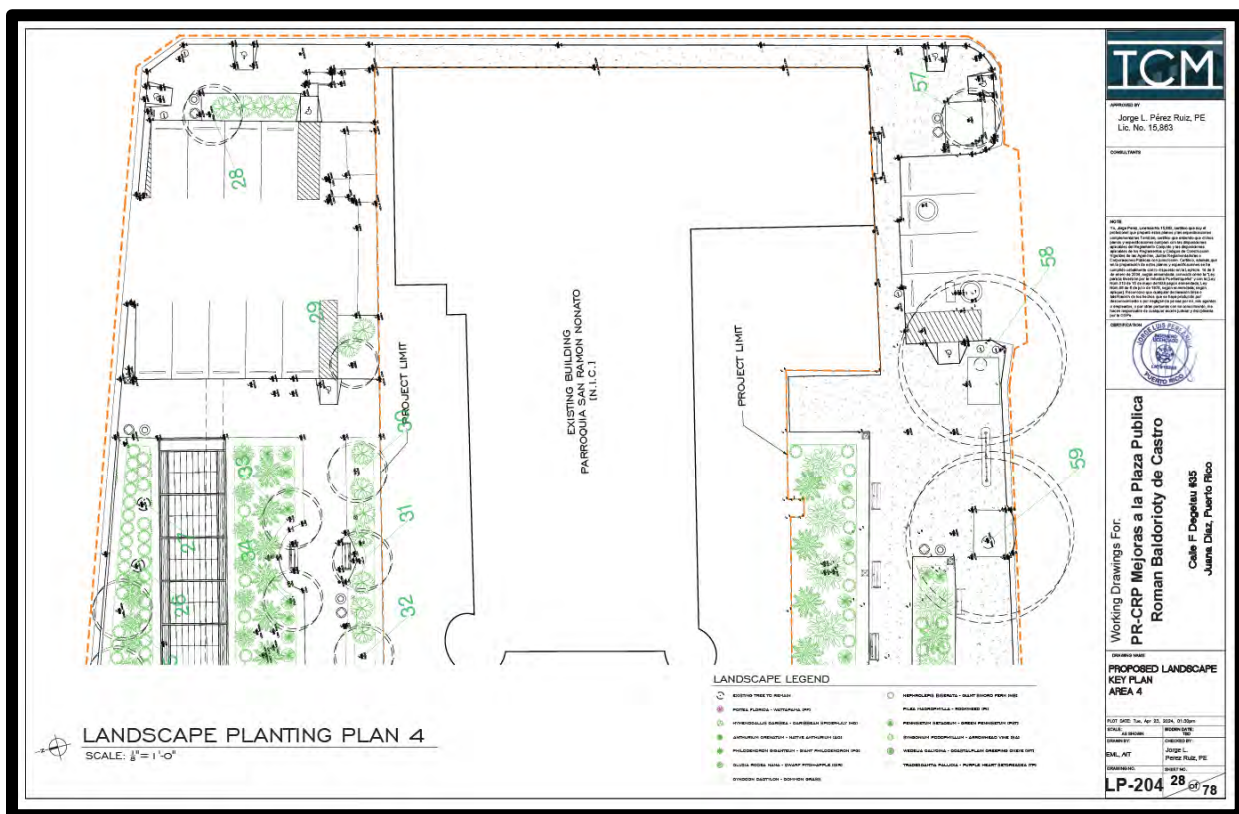
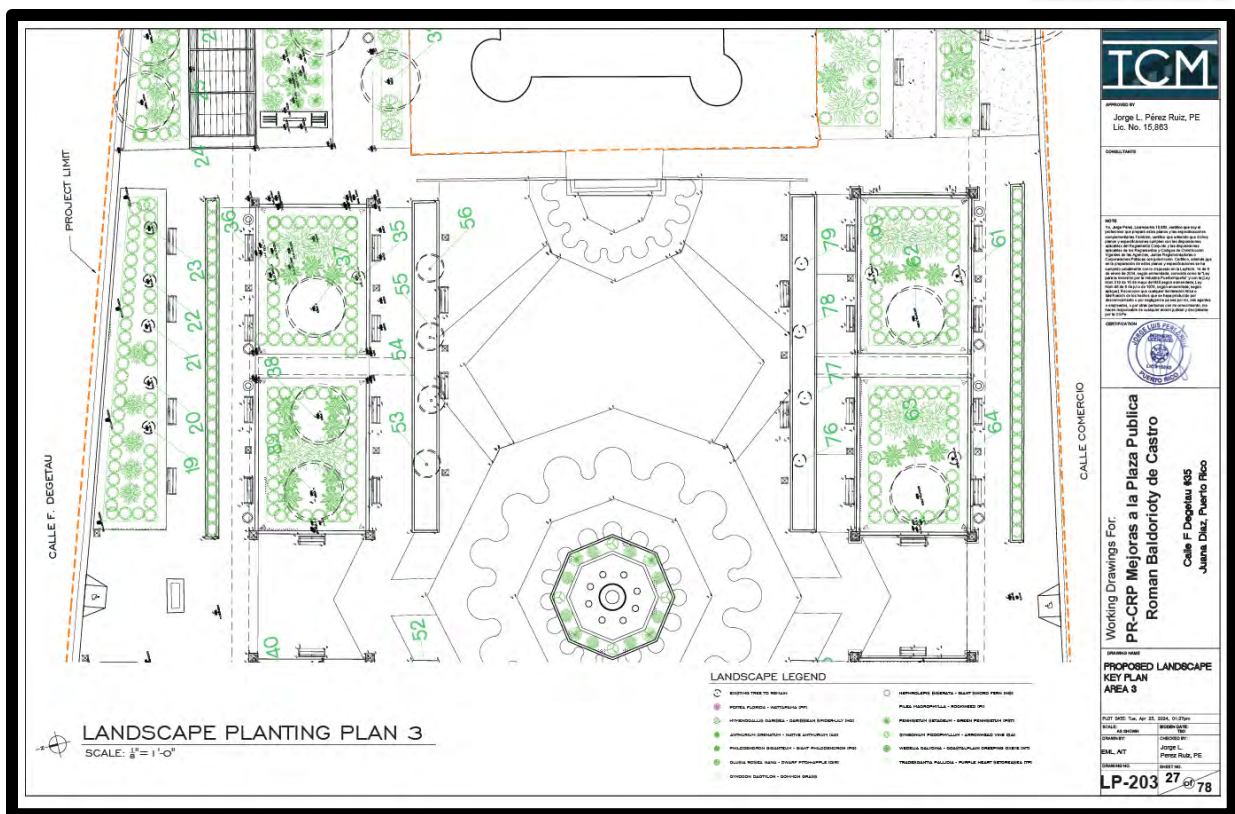












TCM

Jorge L. Pérez Ruiz, PE
Lic. No. 15,883

| |
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| COMPL. EVAL. |
|--------------|

1970
El Dr. Jorge Pardo, presidente del IICA, sostiene que hay un consenso entre los países latinoamericanos sobre la necesidad de un sistema de información de salud pública que permita el intercambio de conocimientos y experiencias. En el mismo sentido, el Dr. Pardo afirma que el sistema de información de salud pública es una herramienta esencial para la planificación y el desarrollo de la salud pública en América Latina.



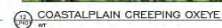
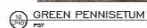
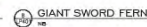
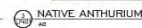
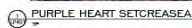
**mejoras a la Plaza Publica
Baldorioty de Castro**

PROPOSED LANDSCAPE PLANTING SCHEDULE

PLUT DATE: Tue, Apr 23, 2024, 02:18pm

| | |
|------------------|------------------------------|
| DATE: 02/28/2008 | MOBILE CODE: 100 |
| PREPARED BY: | CHECKED BY: |
| NAME: ART | Jorge L. Blanco-Guido, MD |

LP-301 29 of 78



Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

CONSULTANT

[illegible]

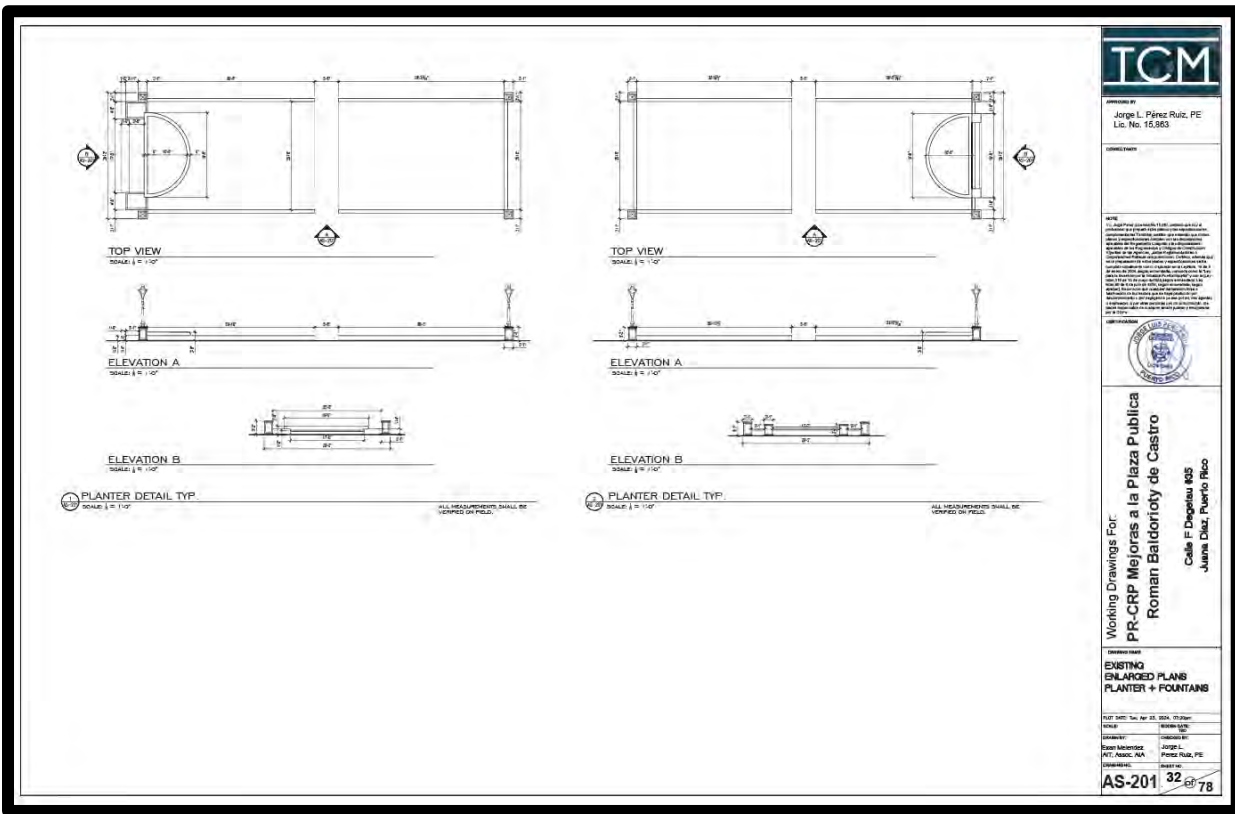
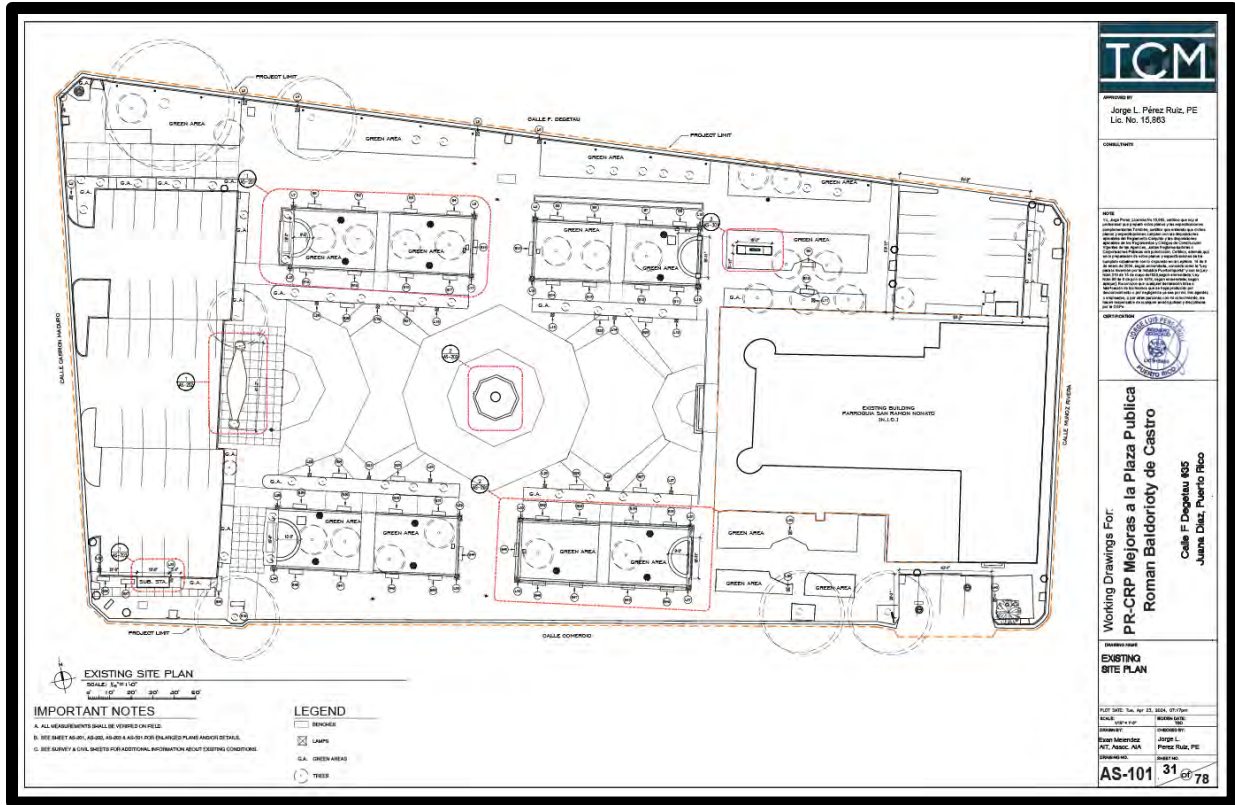
**CRP Mejoras a la Plaza Publica
Roman Baldorioty de Castro**

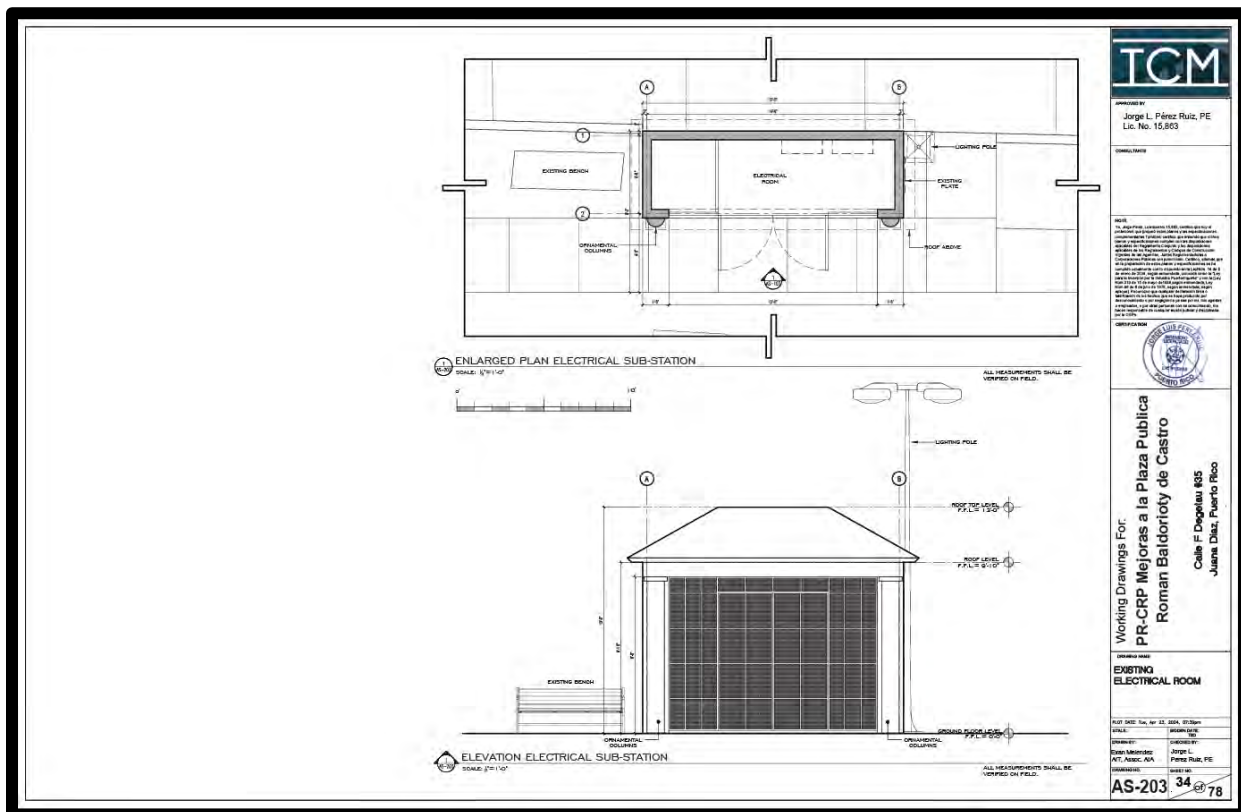
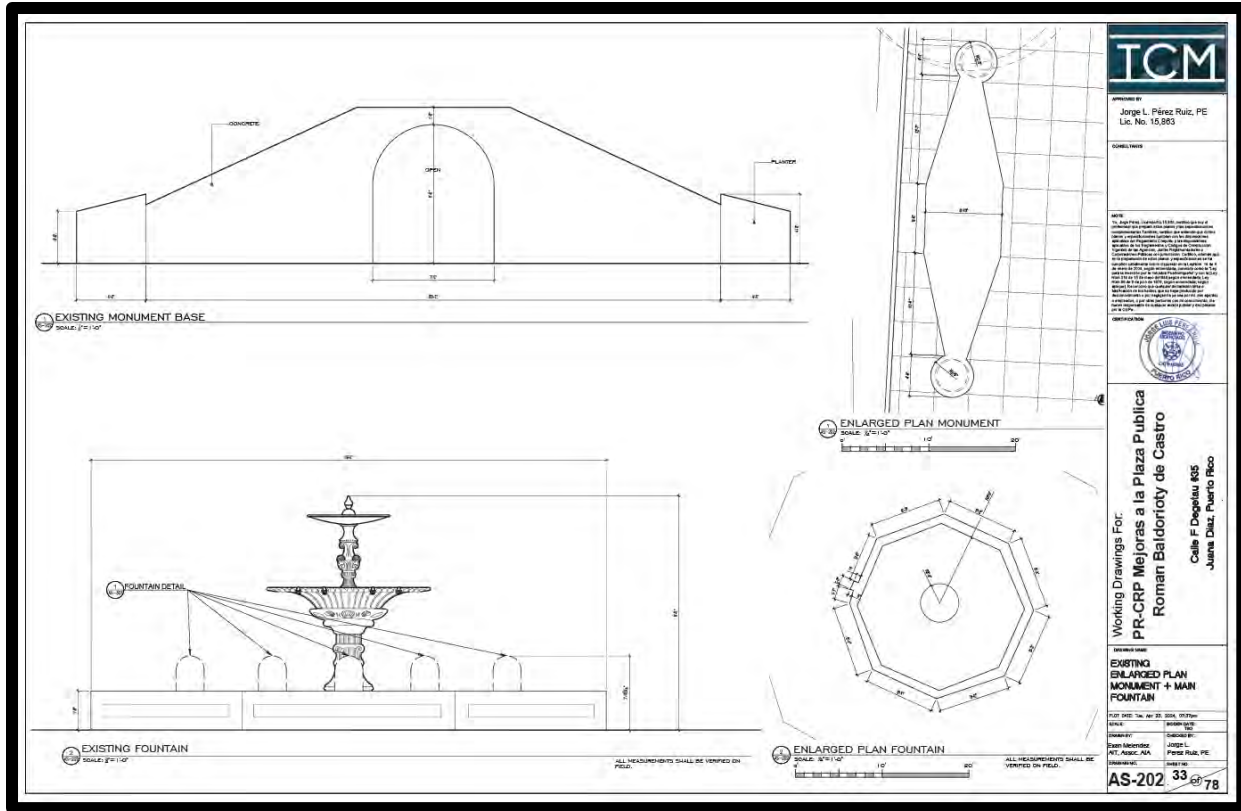
PROPOSED LANDSCAPE
PLANT MATERIAL
PICTURES

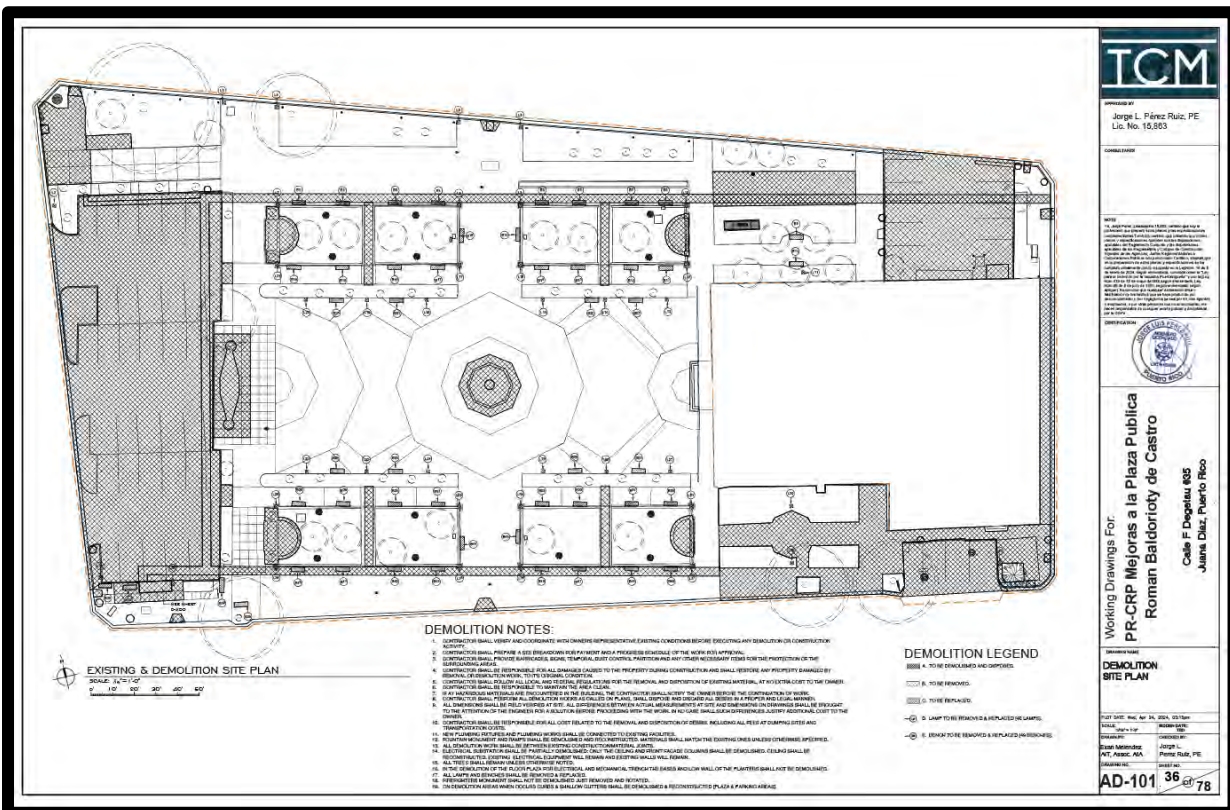
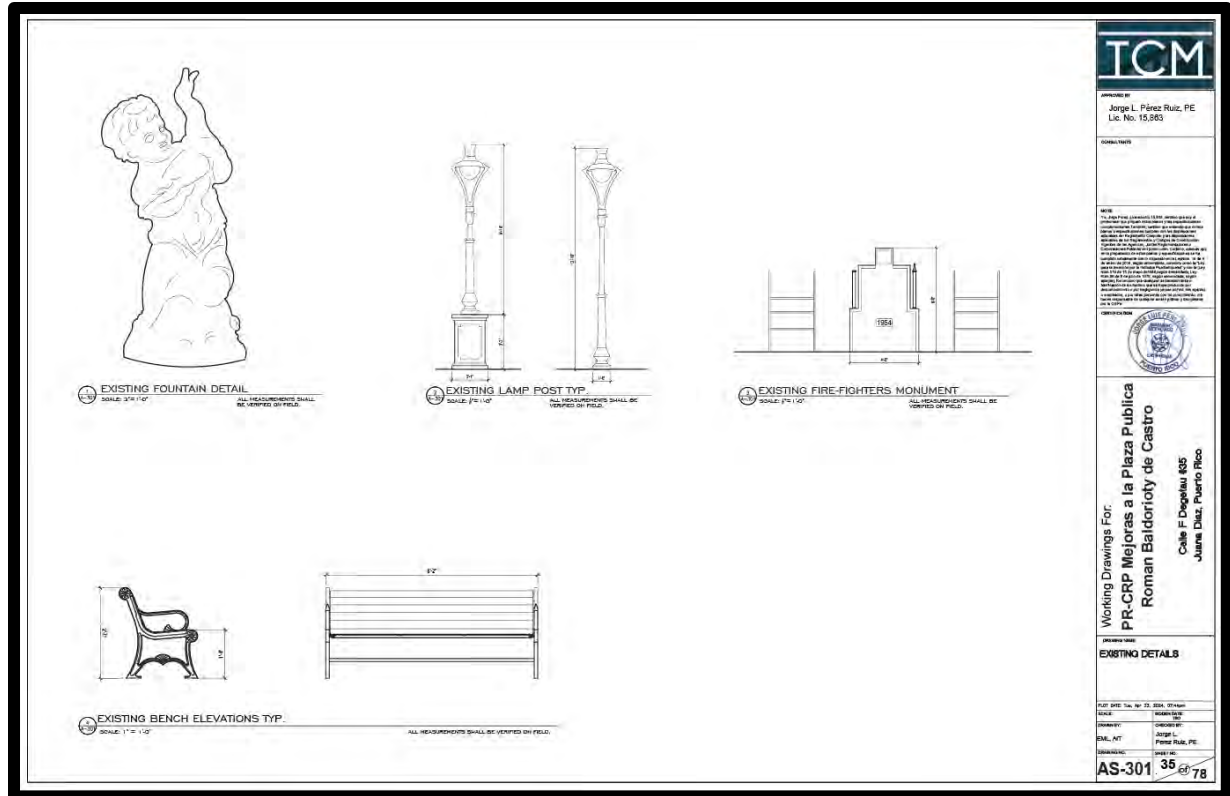
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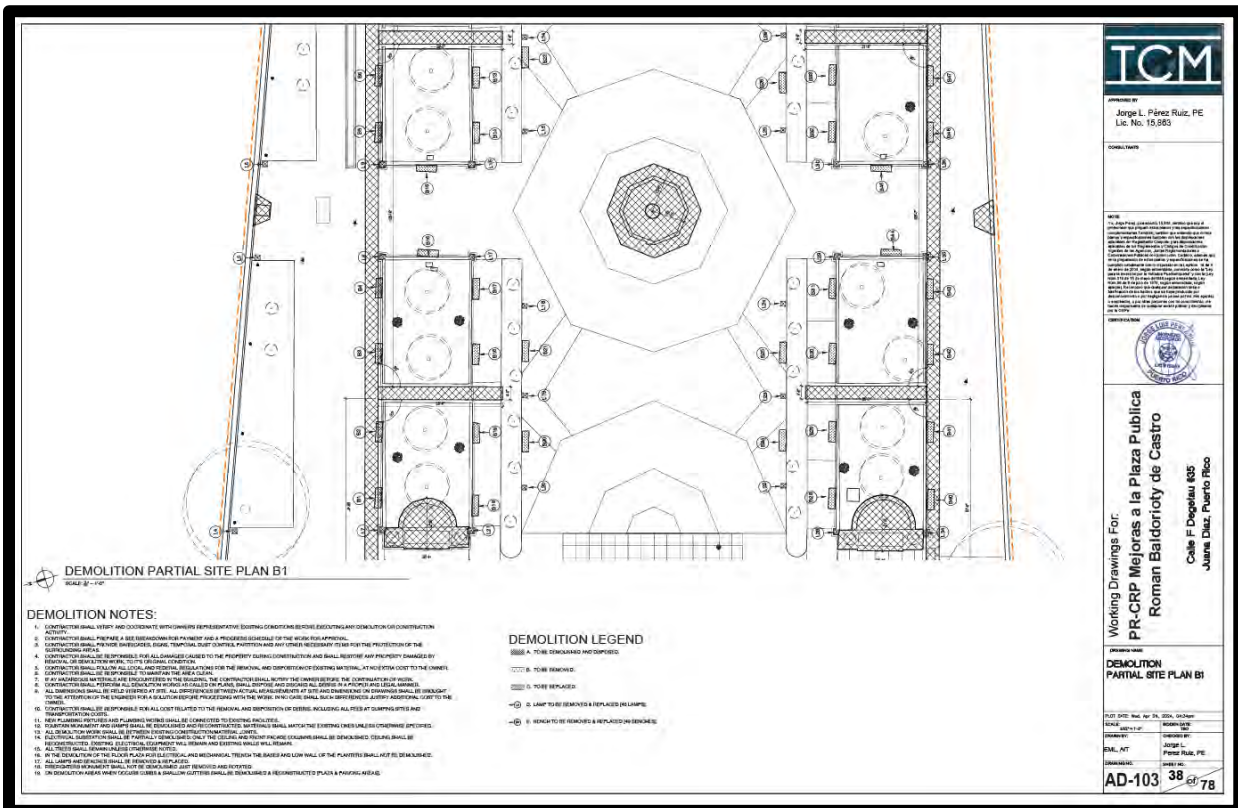
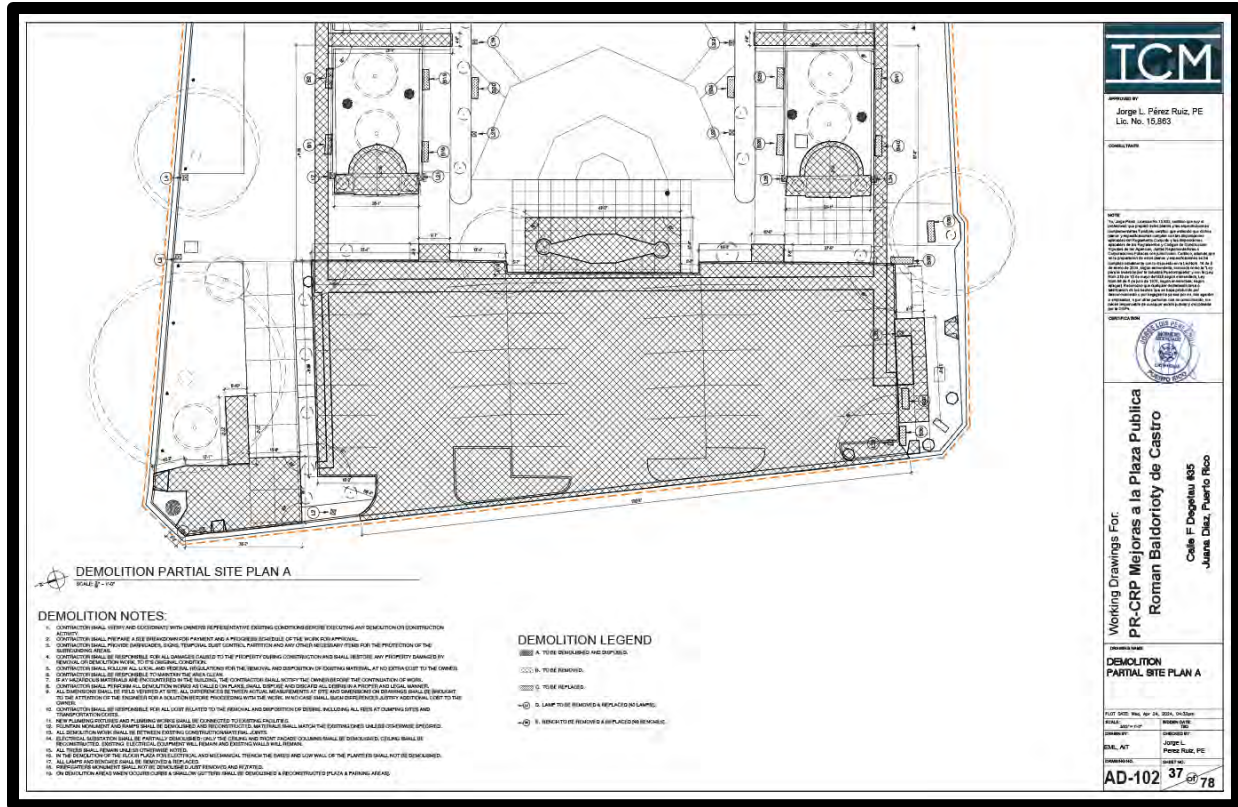
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| SCALE: AS SHOWN | BOOKS (DATE): TED |
| DRAWN BY: | CHECKED BY: Jorge L. |
| ENV. ART | |

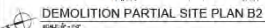
LP-401 30 of 78











DEMOLITION NOTES:

- [illegible]

DEMOLITION LEGEND

- DEREGISTRATION LEGEND**
-  A. TO BE DEMOLISHED AND DISPOSED.
-  B. TO BE REMOVED.
- C. TO BE REPLACED.
-  D. LAMP TO BE REMOVED & REPLACED (NO LAMPS)
-  E. BENCH TO BE REMOVED & REPLACED (NO BENCHES)

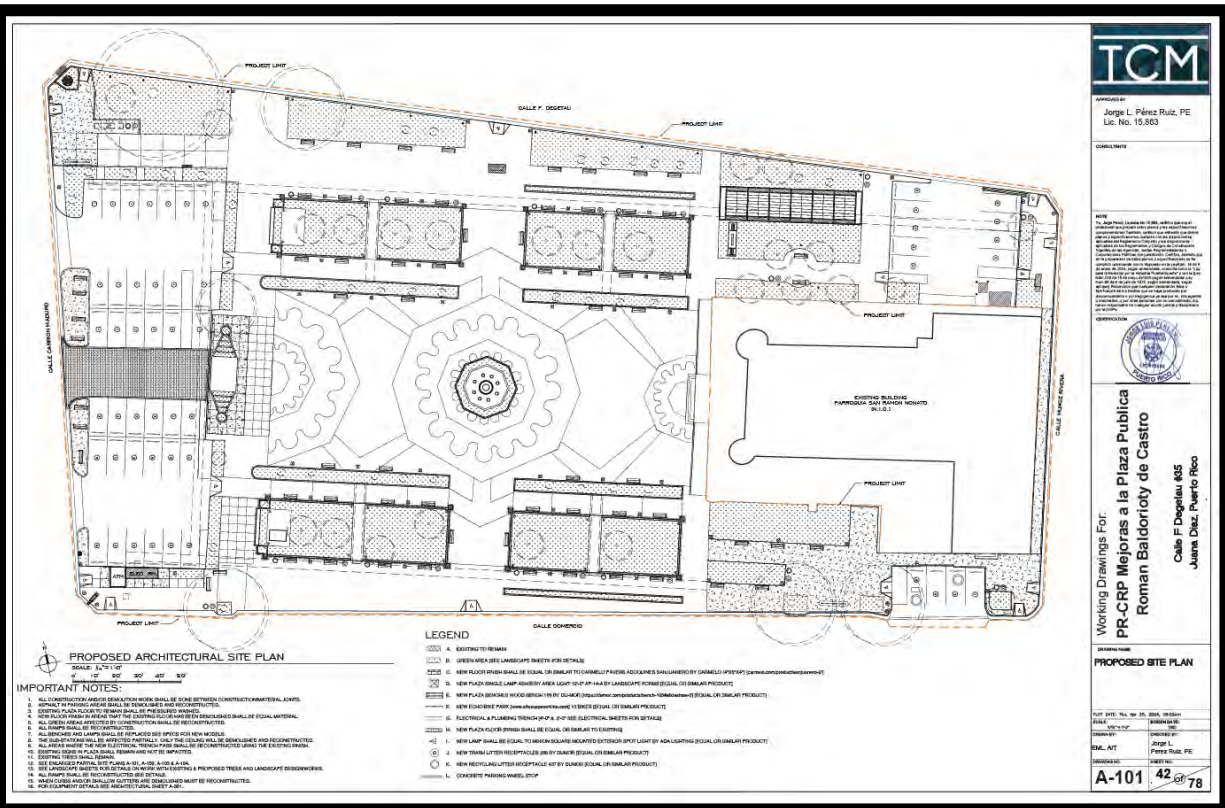
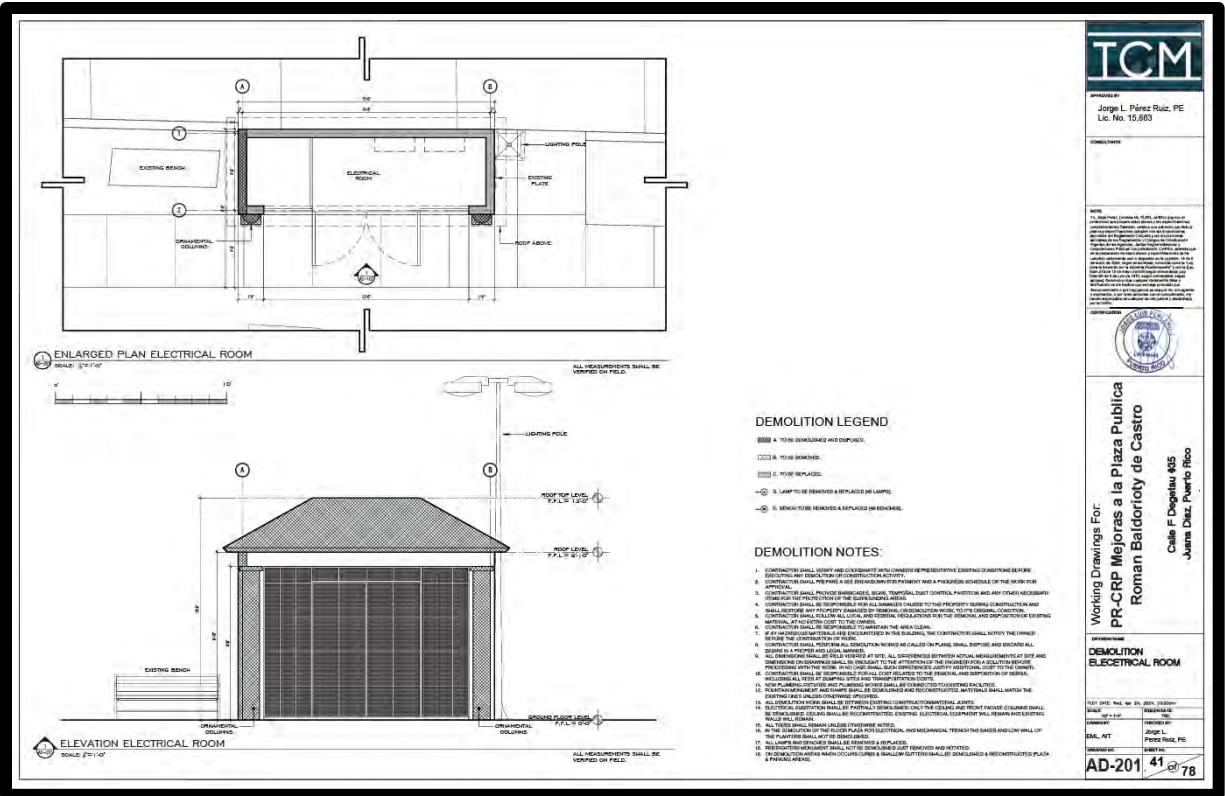


DEMOLITION NOTES:

- [illegible]

DEMOLITION LEGEND

- ☐ A. TO BE DEMOLISHED AND DISPOSED.
☐ B. TO BE REMOVED.
☐ C. TO BE REPLACED.
☒ D. LAMP TO BE REMOVED & REPLACED (NO LAMPS).
☒ E. SIGN TO BE REMOVED & REPLACED (40 BEACONS).







- [illegible]

LEGEND

- [illegible]

KEY-PLAN

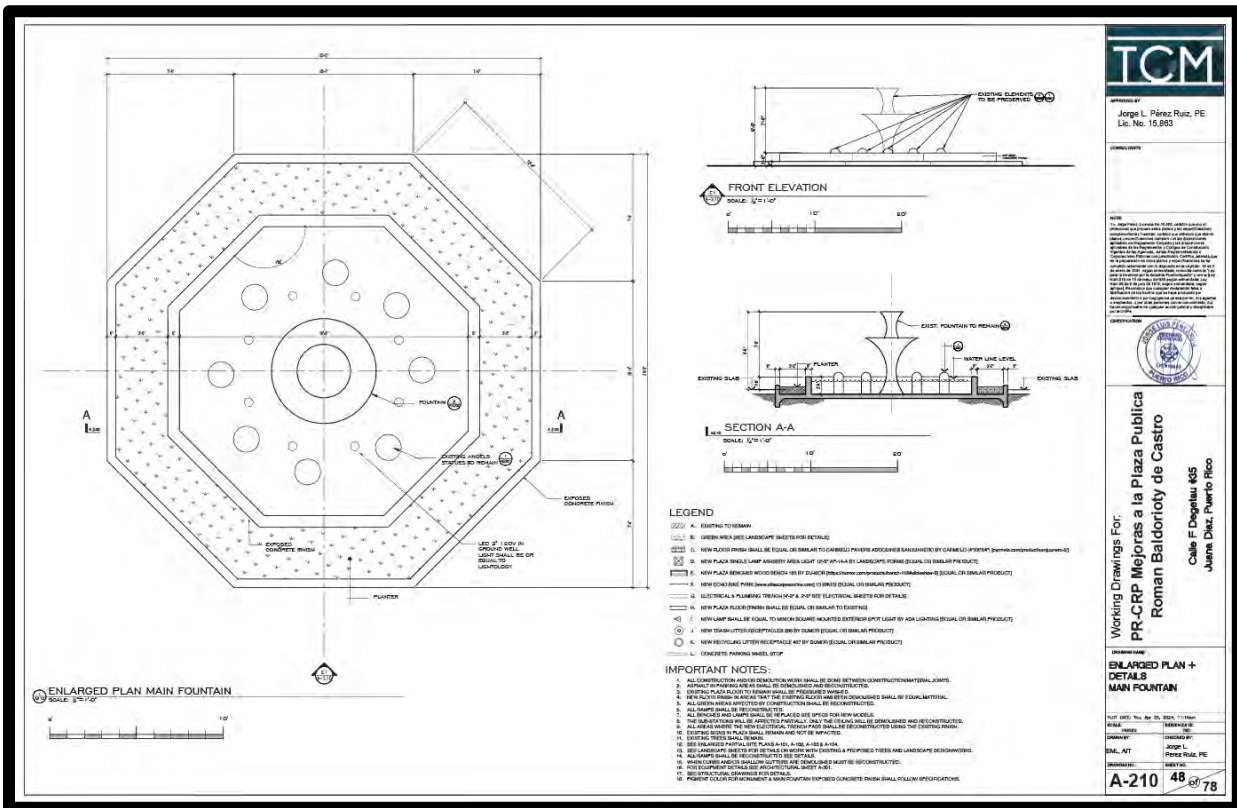
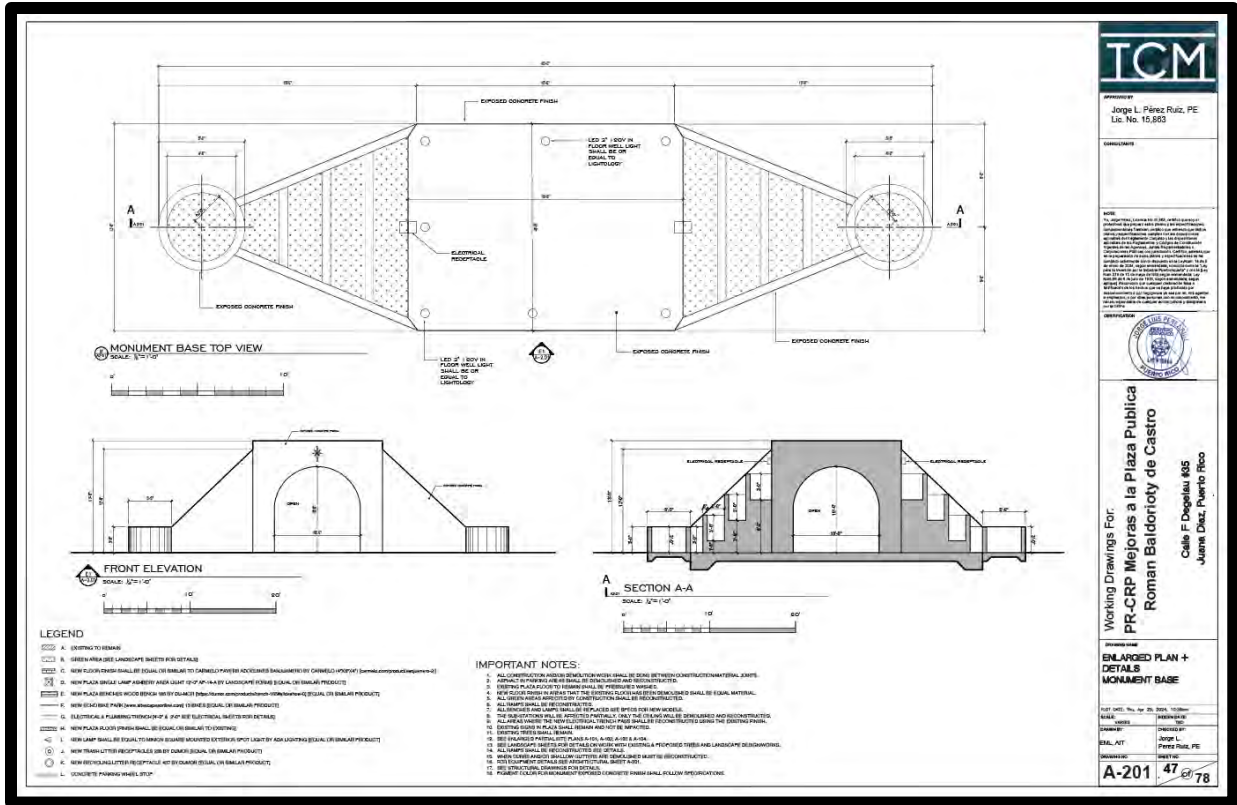


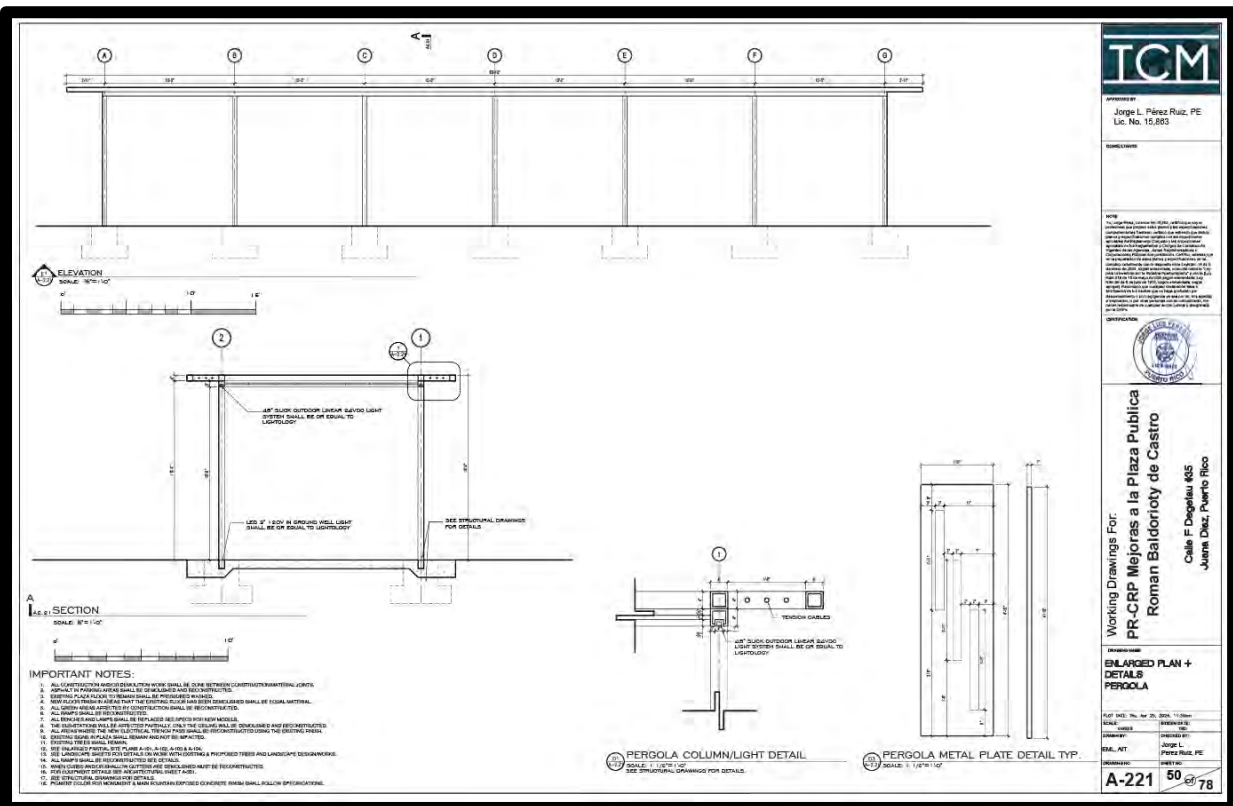
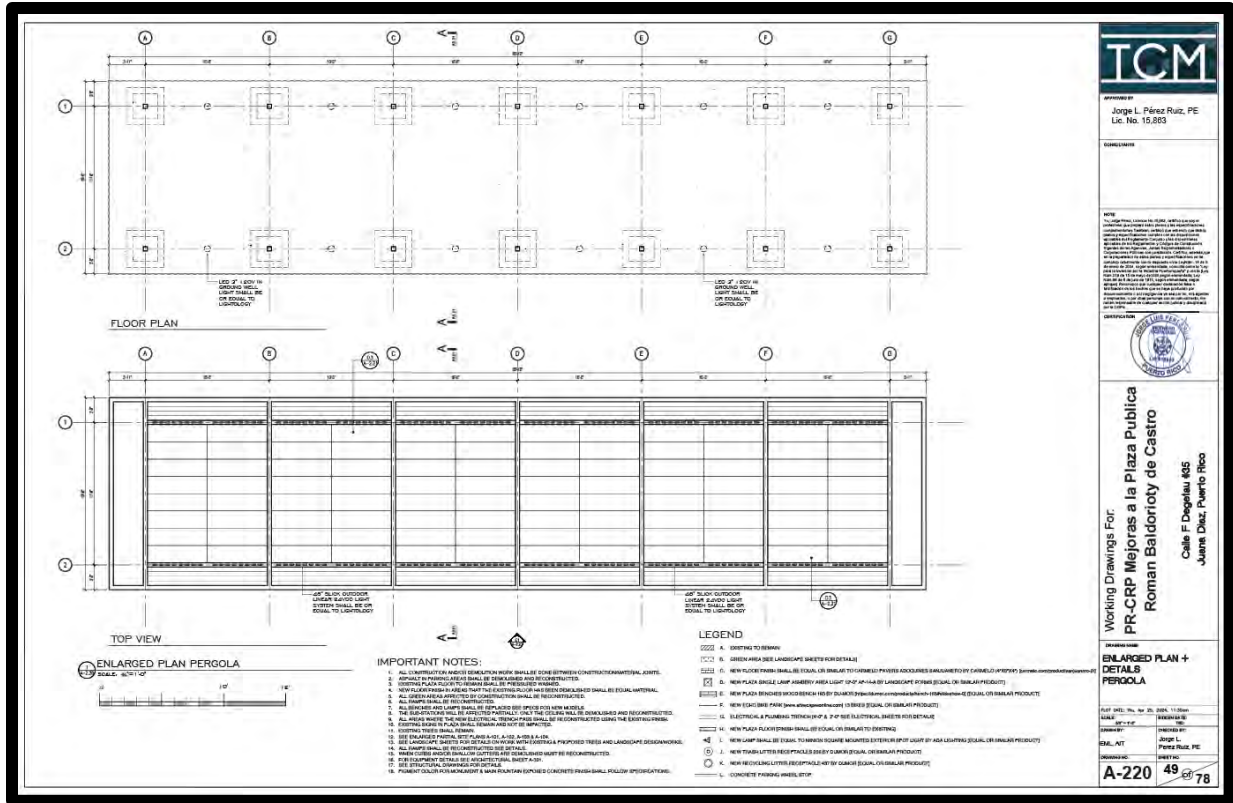
1. ALL CONSTRUCTION AND/OR DEMOLITION WORK SHALL BE DONE BETWEEN 7:00 AM AND 6:00 PM, MONDAY THROUGH FRIDAY.
2. ASPHALT TO PARKING AREAS SHALL BE DEMOLISHED AND RECONSTRUCTED.
3. EXISTING PAVED ALLEYS SHALL BE DEMOLISHED AND RECONSTRUCTED.
4. NEW DRIVE INGRESS AREAS THAT THE EXISTING ALLEYS HAVE BEEN DEMOLISHED SHALL BE DEMOLISHED AND RECONSTRUCTED.
5. ALL NEW DRIVE INGRESS AFTER BY CONSTRUCTION SHALL BE RECONSTRUCTED.
6. ALL CEMENT SHALL BE RECONSTRUCTED.
7. ALL BENCHES AND LAMPS SHALL BE REPLACED WITH SPOTS FOR NEW MODELS. THE SUBSTITUTION WILL BE APPROVED PREVIOUSLY. ONLY A FIVE (5) LIGHTS WILL BE DEMOLISHED AND REPLACED.
8. ALL EXISTING WATER IN THE CULVERTS, TRENCHES AND PIPES SHALL BE RECONSTRUCTED USING THE EXISTING PIPING.
9. ALL EXISTING WATER IN CULVERTS SHALL REMAIN AND NOT BE IMPACTED.
10. EXISTING TREES SHALL REMAIN.
11. SEE EXHIBIT A FOR DETAIL. EXISTING A-100, A-101, A-102, A-103, A-104, A-105, A-106, A-107, A-108, A-109, A-110, A-111, A-112, A-113, A-114, A-115, A-116, A-117, A-118, A-119, A-120, A-121, A-122, A-123, A-124, A-125, A-126, A-127, A-128, A-129, A-130, A-131, A-132, A-133, A-134, A-135, A-136, A-137, A-138, A-139, A-140, A-141, A-142, A-143, A-144, A-145, A-146, A-147, A-148, A-149, A-150, A-151, A-152, A-153, A-154, A-155, A-156, A-157, A-158, A-159, A-160, A-161, A-162, A-163, A-164, A-165, A-166, A-167, A-168, A-169, A-170, A-171, A-172, A-173, A-174, A-175, A-176, A-177, A-178, A-179, A-180, A-181, A-182, A-183, A-184, A-185, A-186, A-187, A-188, A-189, A-190, A-191, A-192, A-193, A-194, A-195, A-196, A-197, A-198, A-199, A-200, A-201, A-202, A-203, A-204, A-205, A-206, A-207, A-208, A-209, A-210, A-211, A-212, A-213, A-214, A-215, A-216, A-217, A-218, A-219, A-220, A-221, A-222, A-223, A-224, A-225, A-226, A-227, A-228, A-229, A-230, A-231, A-232, A-233, A-234, A-235, A-236, A-237, A-238, A-239, A-240, A-241, A-242, A-243, A-244, A-245, A-246, A-247, A-248, A-249, A-250, A-251, A-252, A-253, A-254, A-255, A-256, A-257, A-258, A-259, A-260, A-261, A-262, A-263, A-264, A-265, A-266, A-267, A-268, A-269, A-270, A-271, A-272, A-273, A-274, A-275, A-276, A-277, A-278, A-279, A-280, A-281, A-282, A-283, A-284, A-285, A-286, A-287, A-288, A-289, A-290, A-291, A-292, A-293, A-294, A-295, A-296, A-297, A-298, A-299, A-300, A-301, A-302, A-303, A-304, A-305, A-306, A-307, A-308, A-309, A-310, A-311, A-312, A-313, A-314, A-315, A-316, A-317, A-318, A-319, A-320, A-321, A-322, A-323, A-324, A-325, A-326, A-327, A-328, A-329, A-330, A-331, A-332, A-333, A-334, A-335, A-336, A-337, A-338, A-339, A-340, A-341, A-342, A-343, A-344, A-345, A-346, A-347, A-348, A-349, A-350, A-351, A-352, A-353, A-354, A-355, A-356, A-357, A-358, A-359, A-360, A-361, A-362, A-363, A-364, A-365, A-366, A-367, A-368, A-369, A-370, A-371, A-372, A-373, A-374, A-375, A-376, A-377, A-378, A-379, A-380, A-381, A-382, A-383, A-384, A-385, A-386, A-387, A-388, A-389, A-390, A-391, A-392, A-393, A-394, A-395, A-396, A-397, A-398, A-399, A-400, A-401, A-402, A-403, A-404, A-405, A-406, A-407, A-408, A-409, A-410, A-411, A-412, A-413, A-414, A-415, A-416, A-417, A-418, A-419, A-420, A-421, A-422, A-423, A-424, A-425, A-426, A-427, A-428, A-429, A-430, A-431, A-432, A-433, A-434, A-435, A-436, A-437, A-438, A-439, A-440, A-441, A-442, A-443, A-444, A-445, A-446, A-447, A-448, A-449, A-450, A-451, A-452, A-453, A-454, A-455, A-456, A-457, A-458, A-459, A-460, A-461, A-462, A-463, A-464, A-465, A-466, A-467, A-468, A-469, A-470, A-471, A-472, A-473, A-474, A-475, A-476, A-477, A-478, A-479, A-480, A-481, A-482, A-483, A-484, A-485, A-486, A-487, A-488, A-489, A-490, A-491, A-492, A-493, A-494, A-495, A-496, A-497, A-498, A-499, A-500, A-501, A-502, A-503, A-504, A-505, A-506, A-507, A-508, A-509, A-510, A-511, A-512, A-513, A-514, A-515, A-516, A-517, A-518, A-519, A-520, A-521, A-522, A-523, A-524, A-525, A-526, A-527, A-528, A-529, A-530, A-531, A-532, A-533, A-534, A-535, A-536, A-537, A-538, A-539, A-540, A-541, A-542, A-543, A-544, A-545, A-546, A-547, A-548, A-549, A-550, A-551, A-552, A-553, A-554, A-555, A-556, A-557, A-558, A-559, A-560, A-561, A-562, A-563, A-564, A-565, A-566, A-567, A-568, A-569, A-570, A-571, A-572, A-573, A-574, A-575, A-576, A-577, A-578, A-579, A-580, A-581, A-582, A-583, A-584, A-585, A-586, A-587, A-588, A-589, A-590, A-591, A-592, A-593, A-594, A-595, A-596, A-597, A-598, A-599, A-600, A-601, A-602, A-603, A-604, A-605, A-606, A-607, A-608, A-609, A-610, A-611, A-612, A-613, A-614, A-615, A-616, A-617, A-618, A-619, A-620, A-621, A-622, A-623, A-624, A-625, A-626, A-627, A-628, A-629, A-630, A-631, A-632, A-633, A-634, A-635, A-636, A-637, A-638, A-639, A-640, A-641, A-642, A-643, A-644, A-645, A-646, A-647, A-648, A-649, A-650, A-651, A-652, A-653, A-654, A-655, A-656, A-657, A-658, A-659, A-660, A-661, A-662, A-663, A-664, A-665, A-666, A-667, A-668, A-669, A-670, A-671, A-672, A-673, A-674, A-675, A-676, A-677, A-678, A-679, A-680, A-681, A-682, A-683, A-684, A-685, A-686, A-687, A-688, A-689, A-690, A-691, A-692, A-693, A-694, A-695, A-696, A-697, A-698, A-699, A-700, A-701, A-702, A-703, A-704, A-705, A-706, A-707, A-708, A-709, A-710, A-711, A-712, A-713, A-714, A-715, A-716, A-717, A-718, A-719, A-720, A-721, A-722, A-723, A-724, A-725, A-726, A

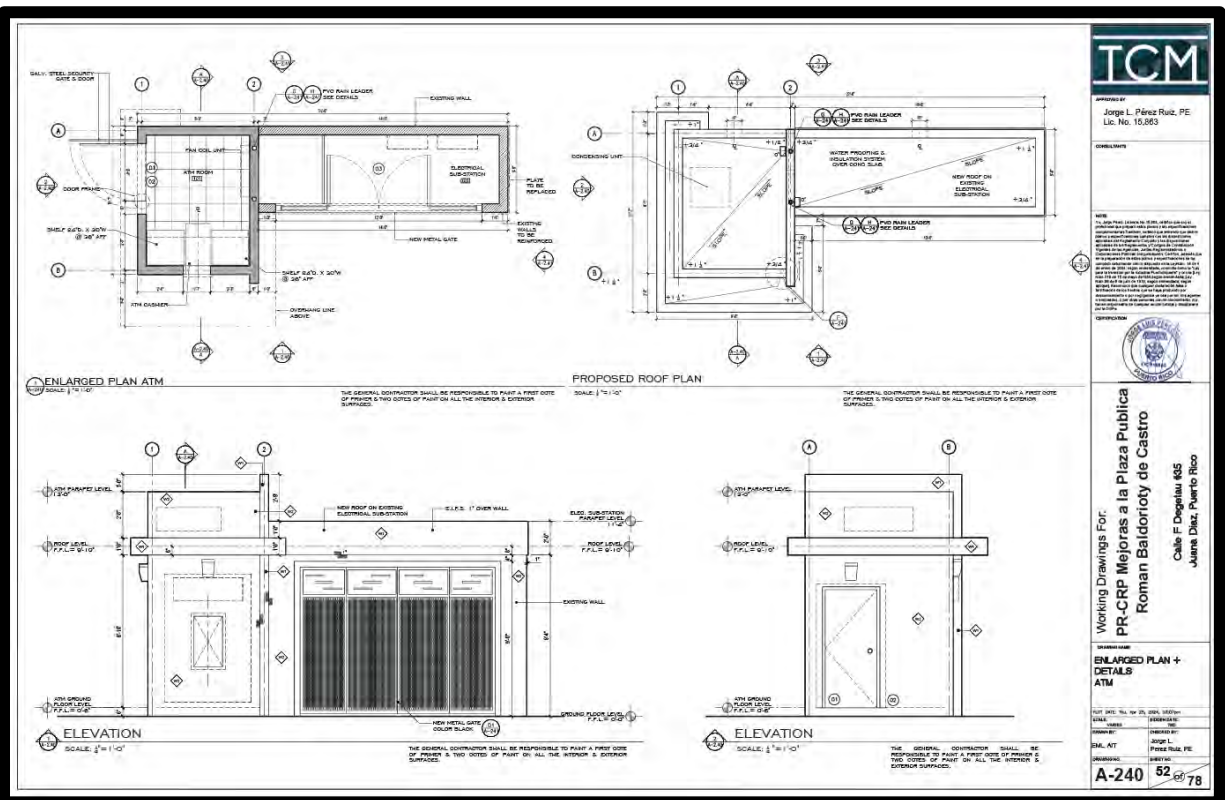
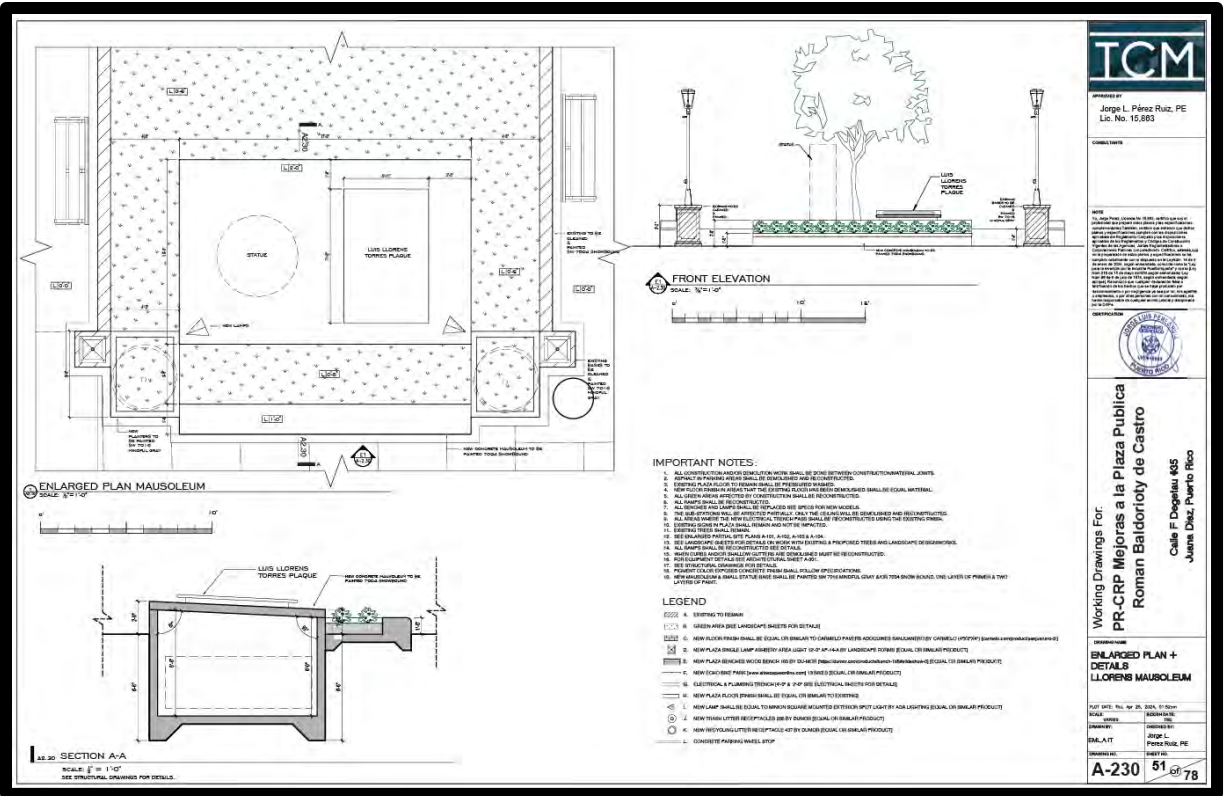
LEGEND

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KEY-PLAN









Jorge L. Pérez Ruiz, PE
Lic. No. 15,863

CONCLUSIONS

[illegible]

**mejoras a la Plaza Publica
Baldorioty de Castro**

Working Drawings For:

ENLARGED PLAN +
DETAILS
ATM

1. *Journal of the American Medical Association*, 1997; 278: 1029-1033.

| | |
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| PLOT DATE: Thu Apr 20, 2024, 03:21pm | |
| SONG: | REGION DATA: |
| W00000 | Y00 |

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| EXAMINER | CHECKED BY |
| TEML, ANT | Jorge L. Robert Guile, III |

| | |
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| INSTRUMENT NO. | SHEET NO. |
| 1044 | 52 |

A-241 53 of 71



Jorge L. Pérez Ruiz, F
Lic. No. 15,863

| | |
|-------------|--|
| CONSULTANTS | |
|-------------|--|

1981 *Dr. Jorge Perón, director del IICA, confiere con el presidente de la República para discutir la política agropecuaria y forestal. En la foto: el presidente de la República, Juan Perón, con el director del IICA, Jorge Perón, en la sede del Poder Ejecutivo. En la foto de abajo: el presidente de la República, Juan Perón, con el director del IICA, Jorge Perón, en la sede del Poder Ejecutivo.*



ings For:
ojoras a la Plaza Publica
Baldorloty de Castro
Callo F Degrelau #35

Working Drawings For

**ENLARGED PLAN
DETAILS + FINISHES**

ATM

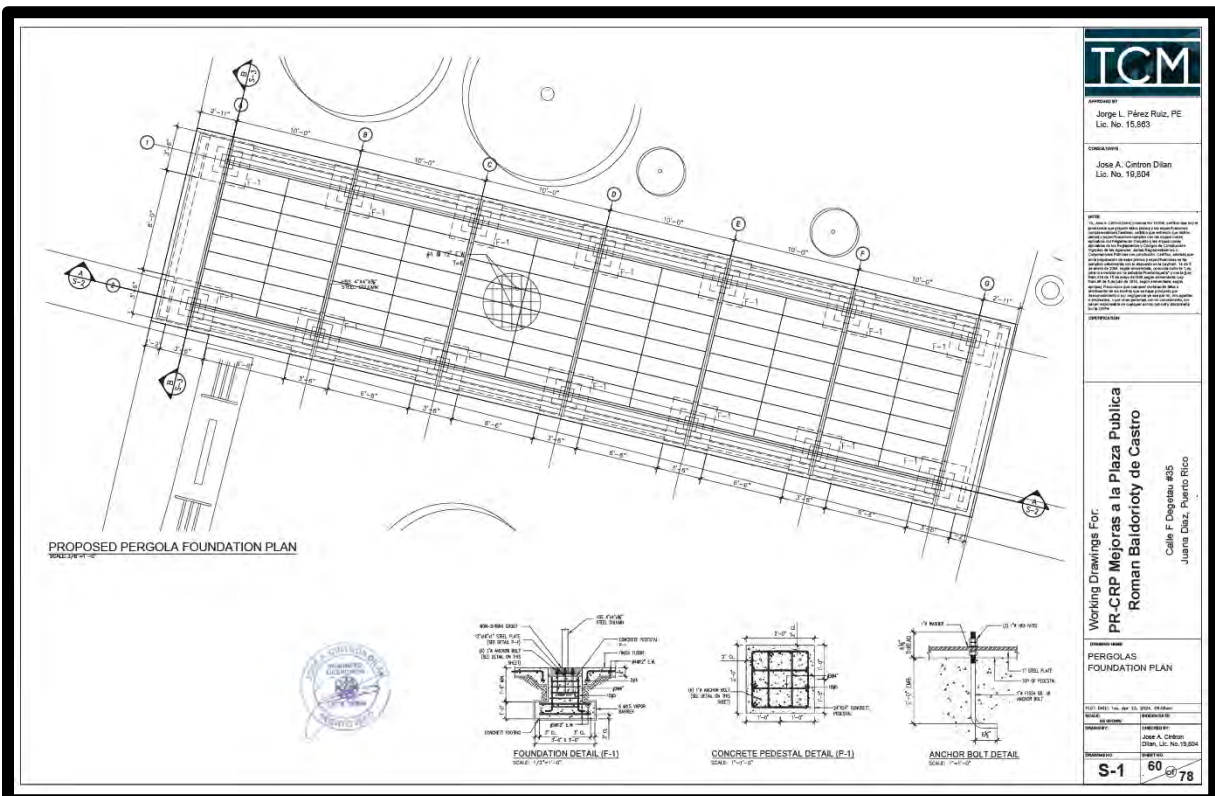
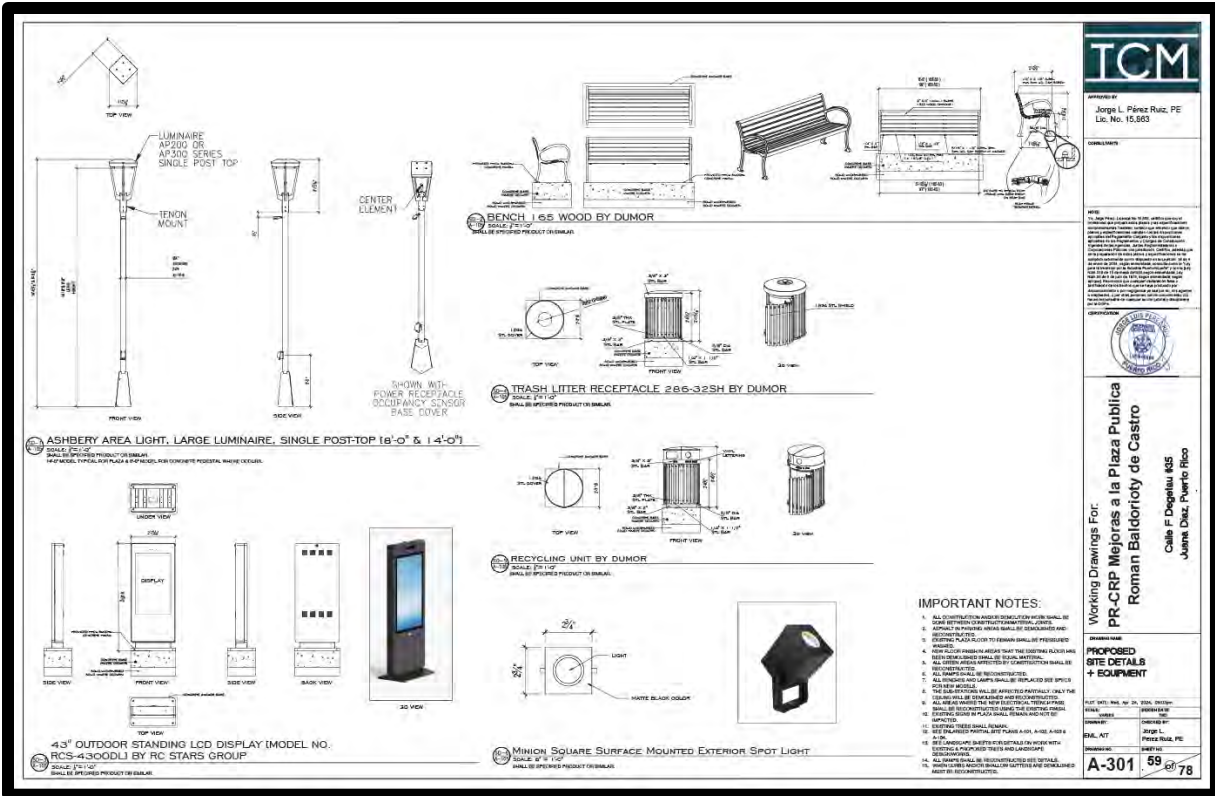
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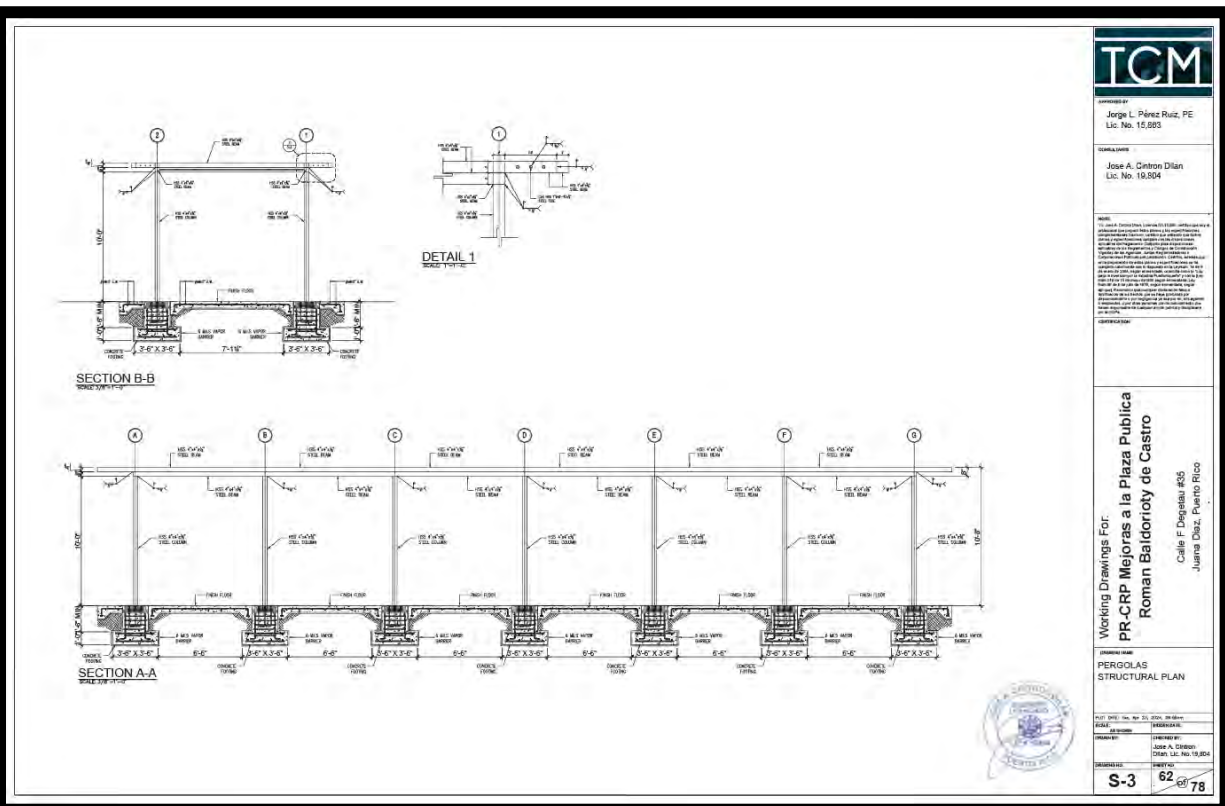
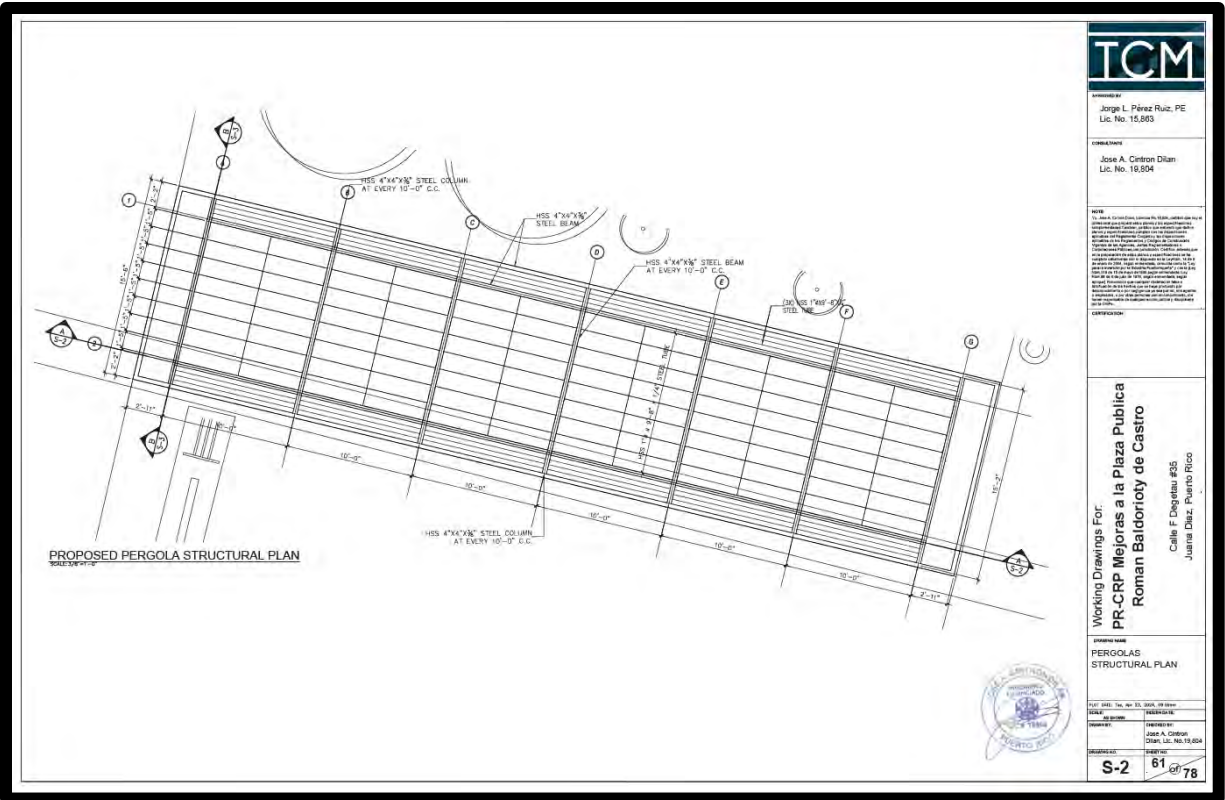
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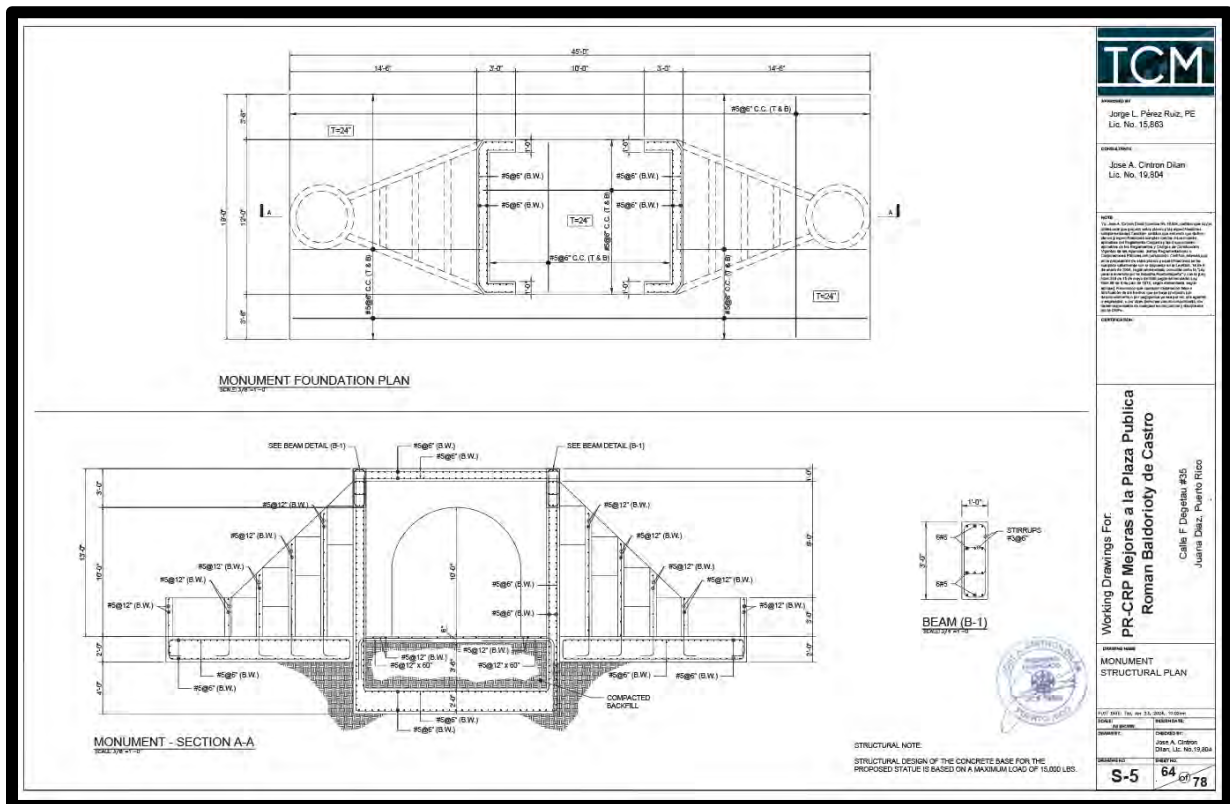
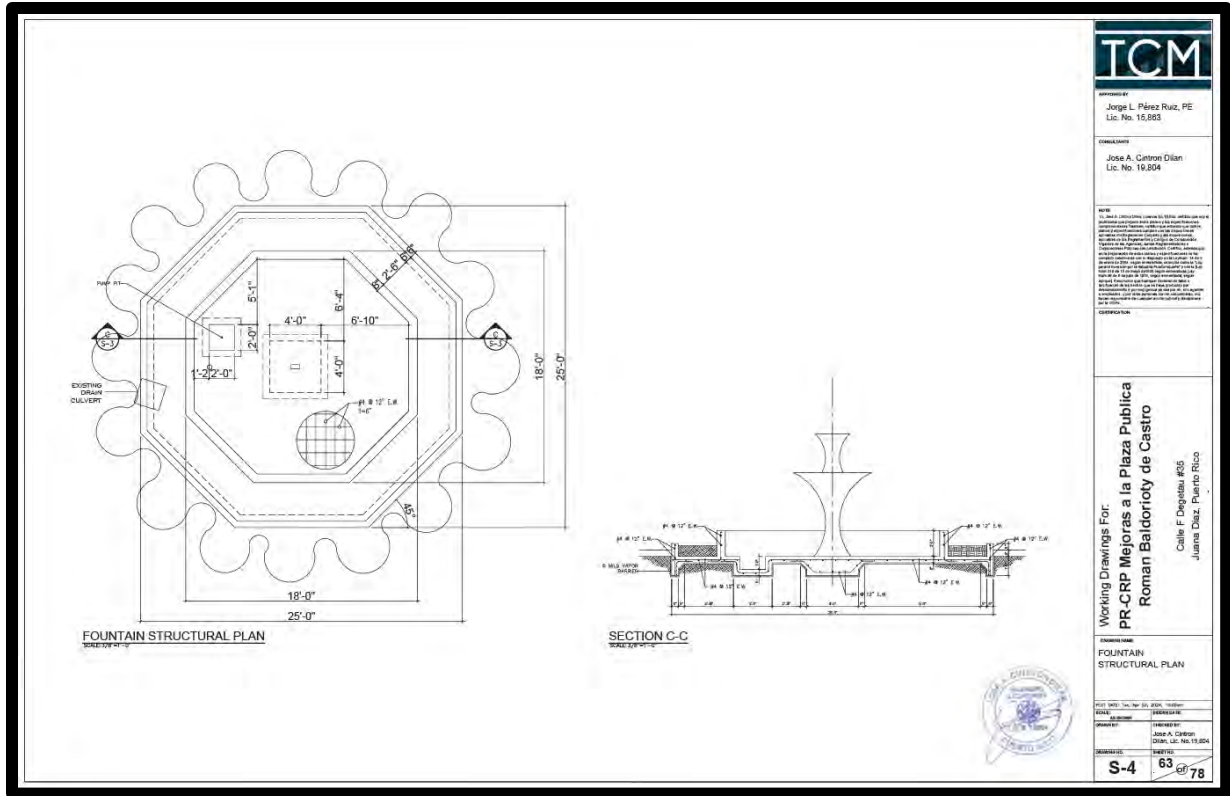
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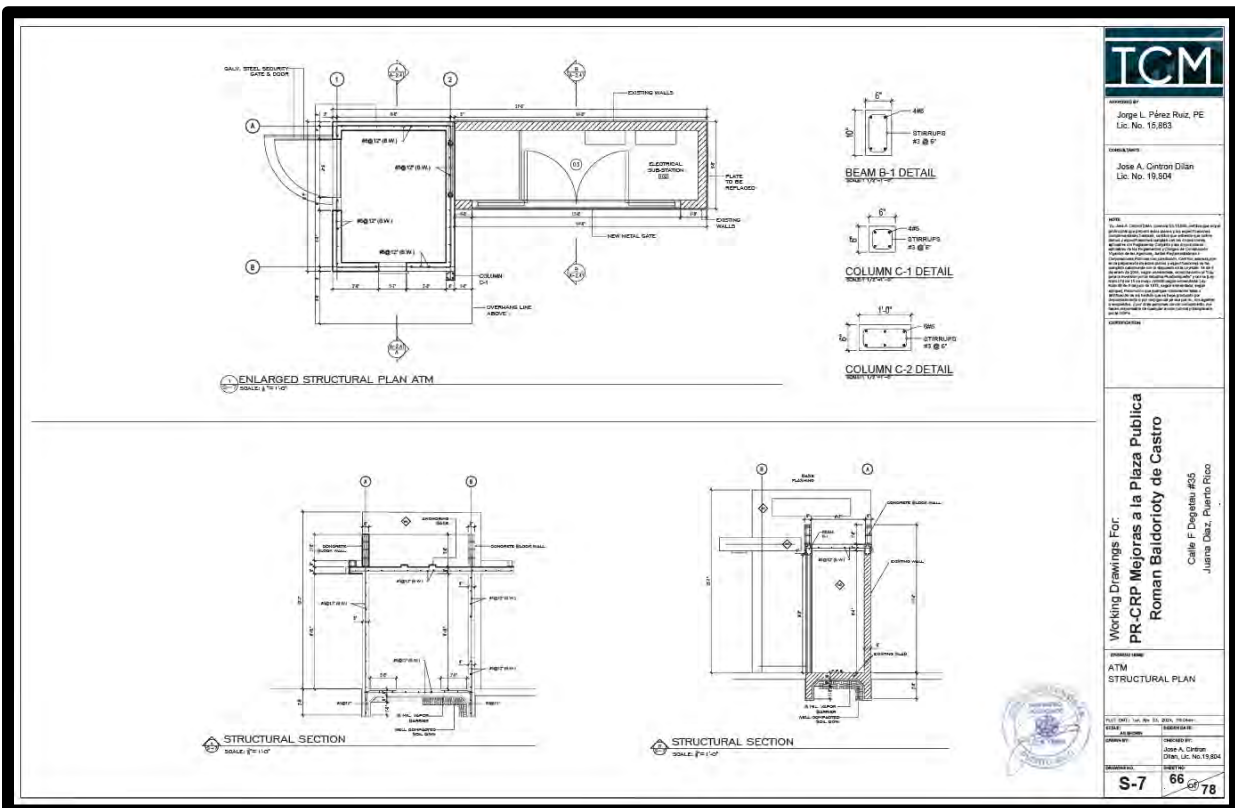
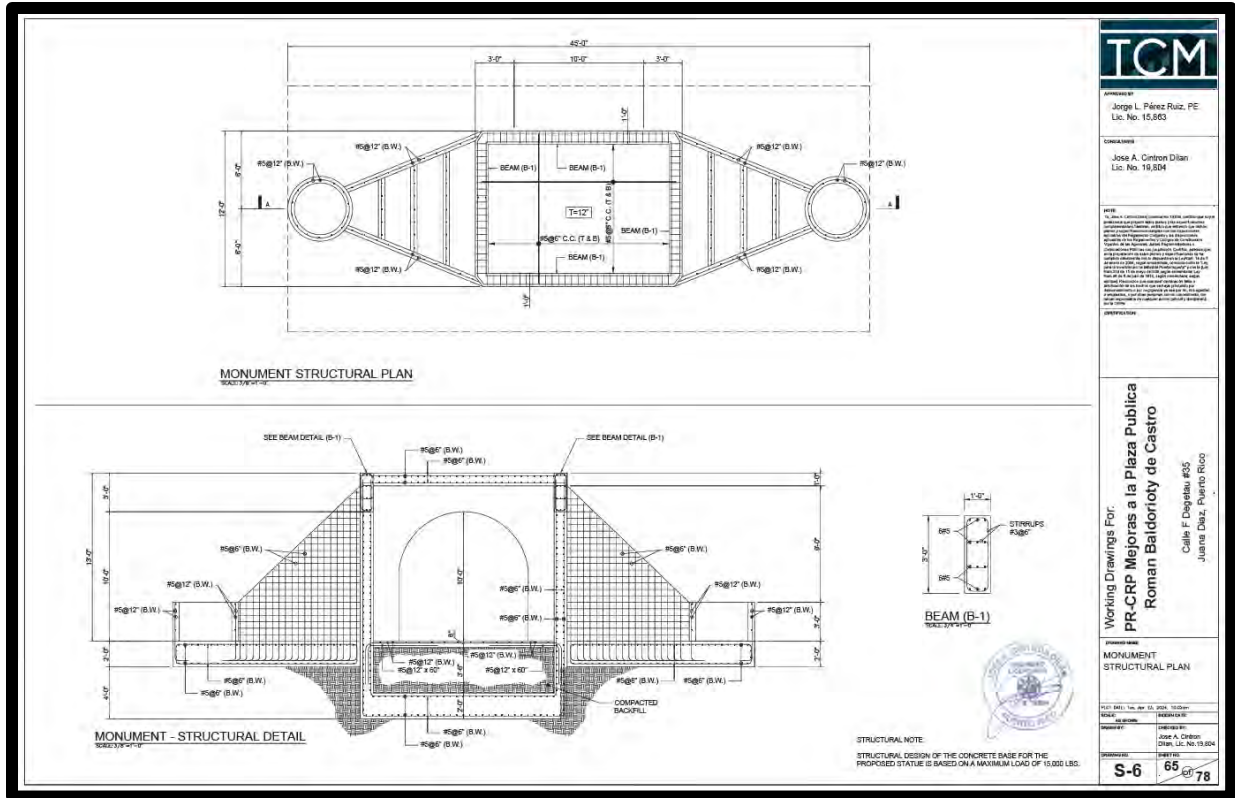
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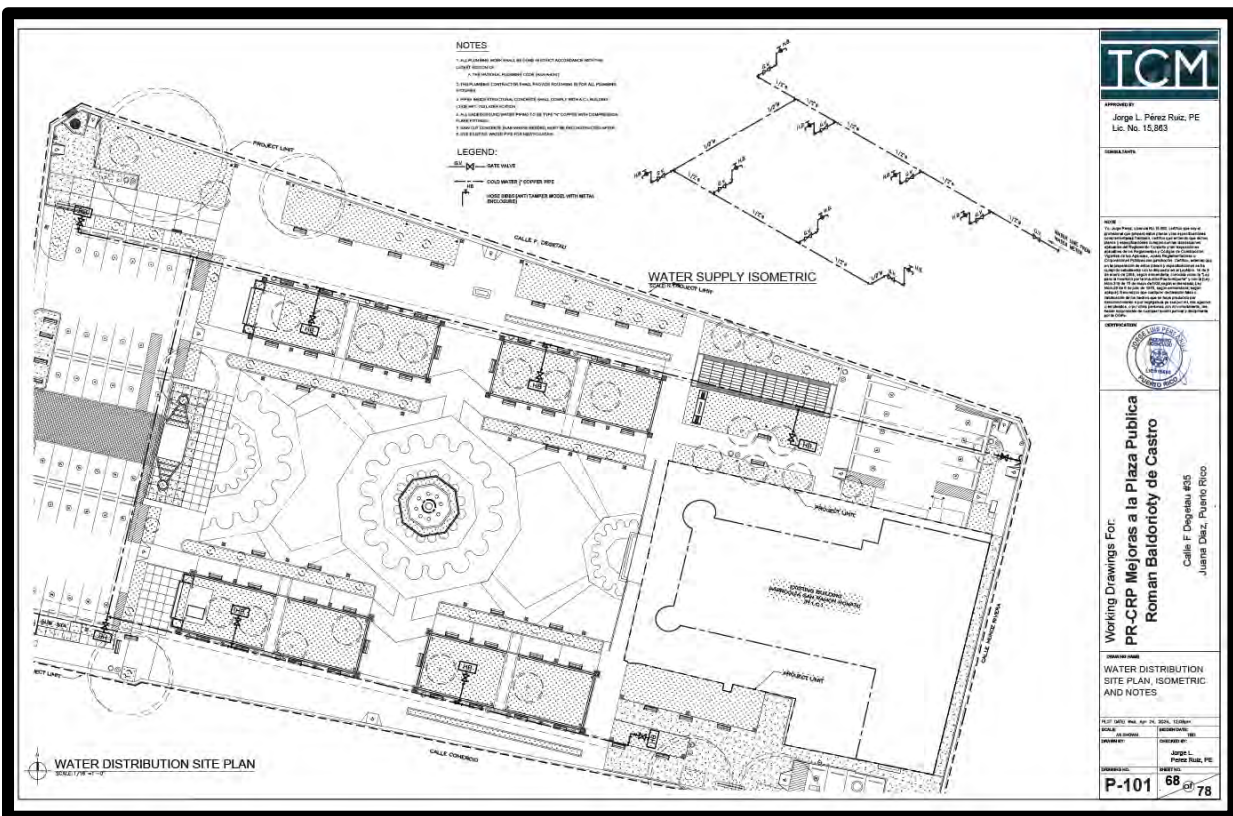
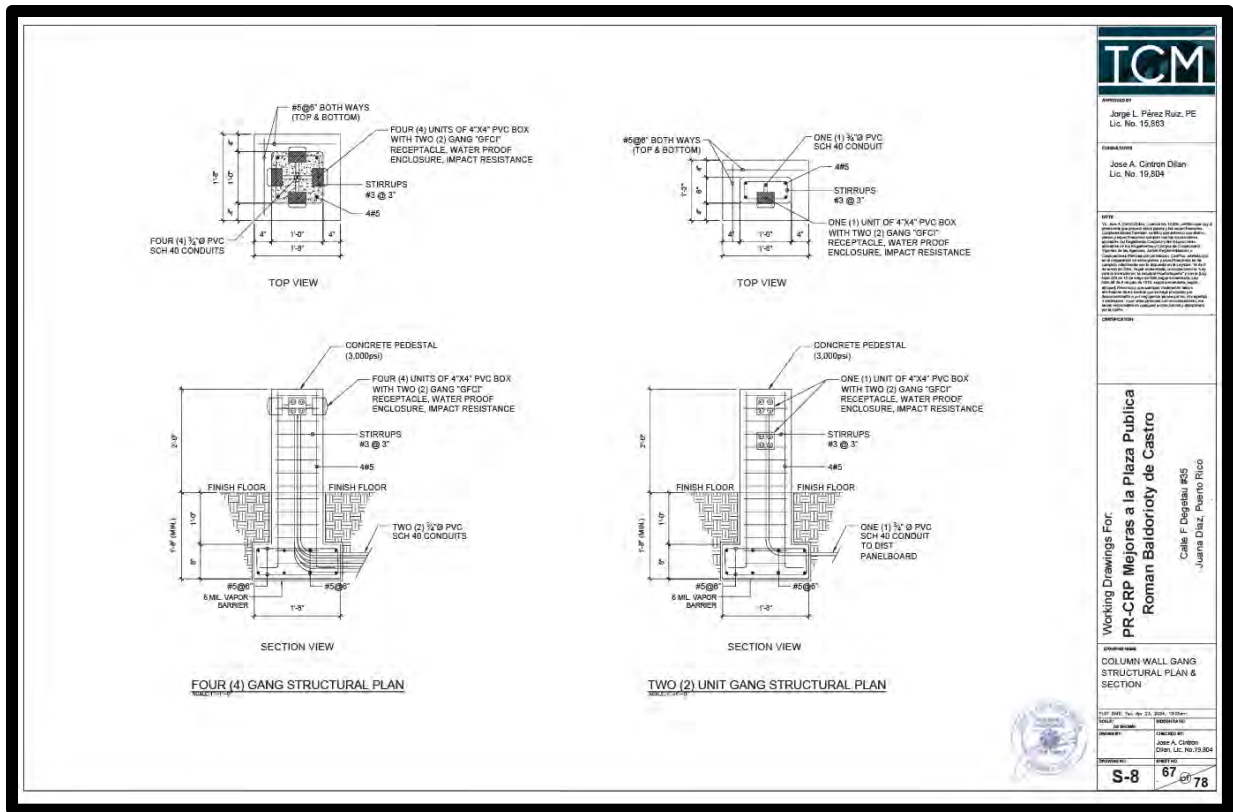


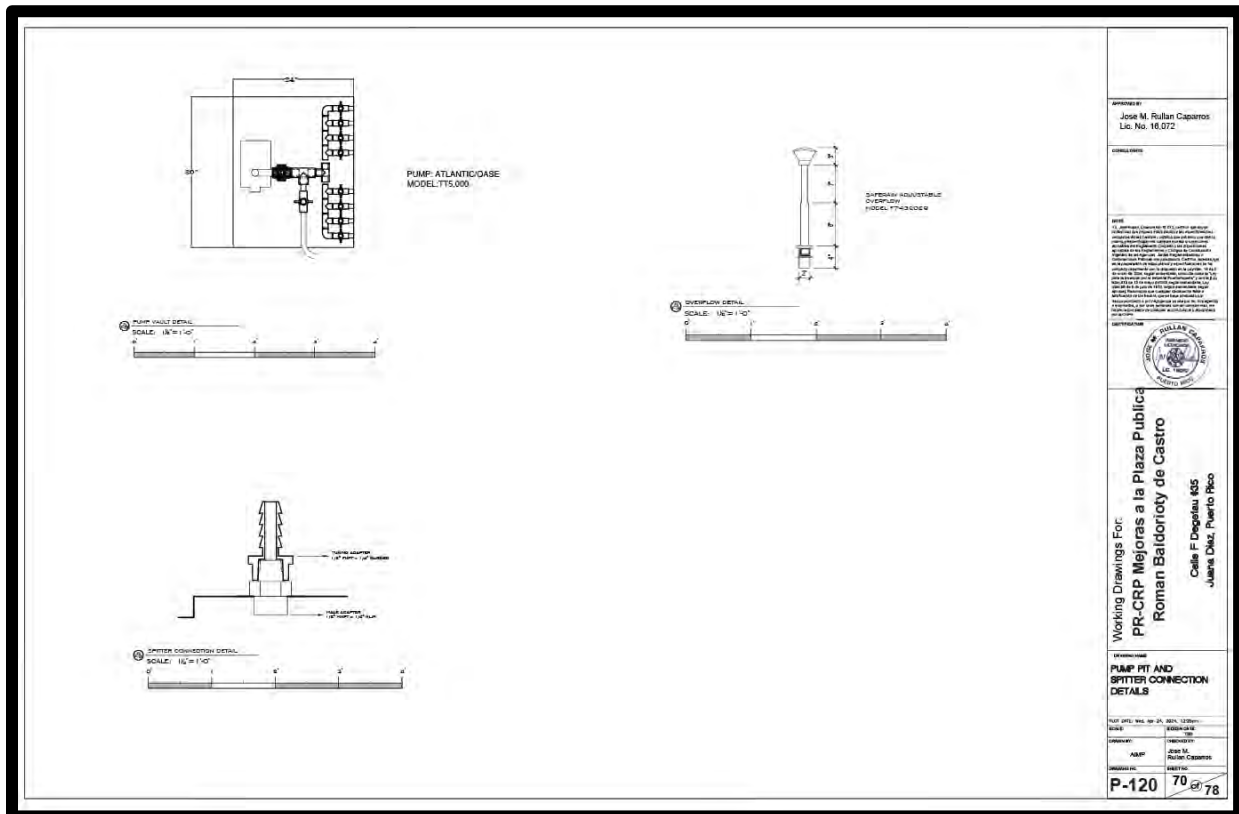
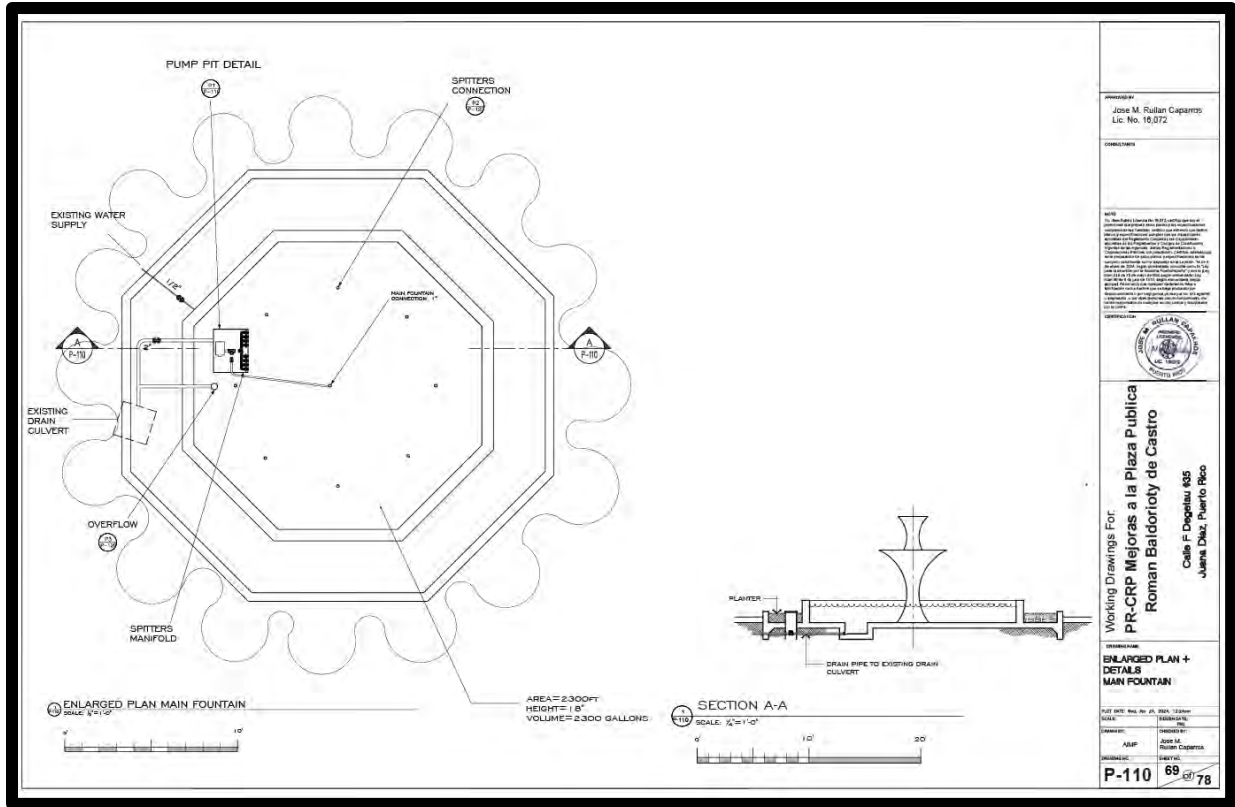


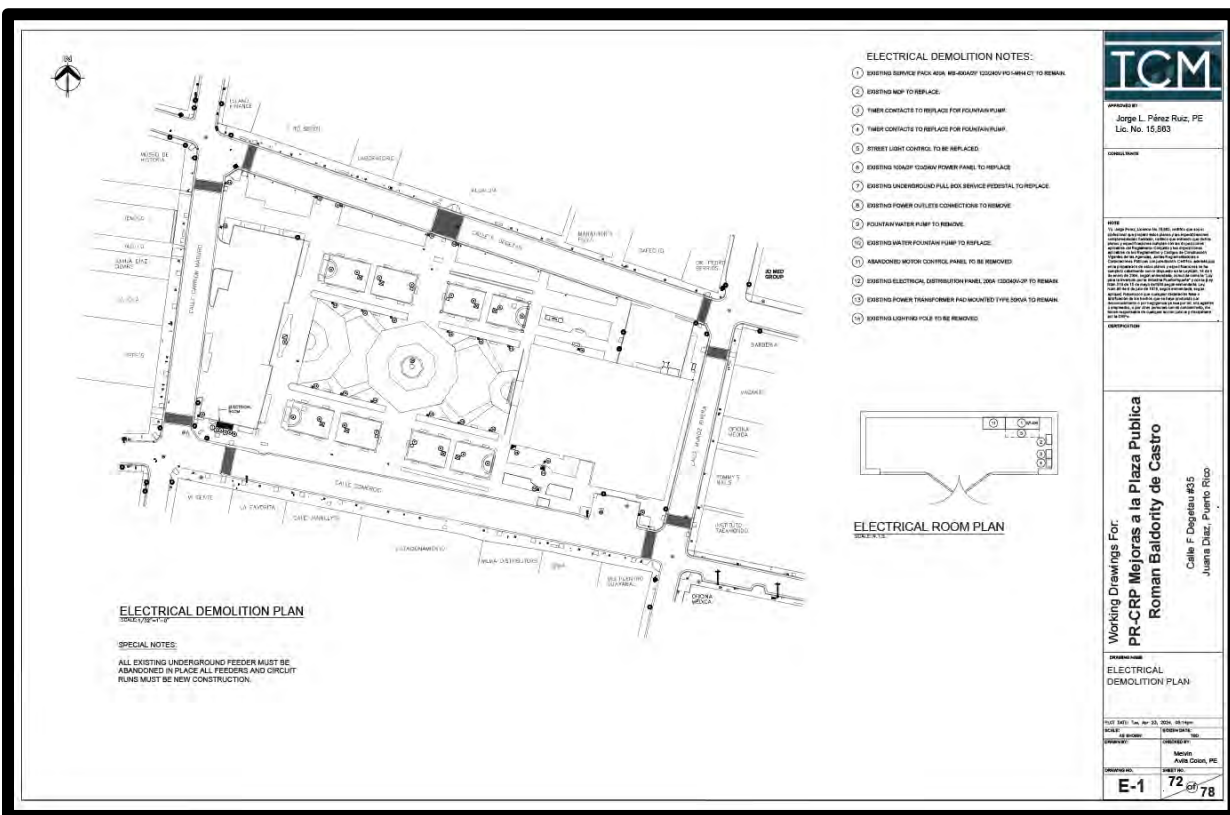
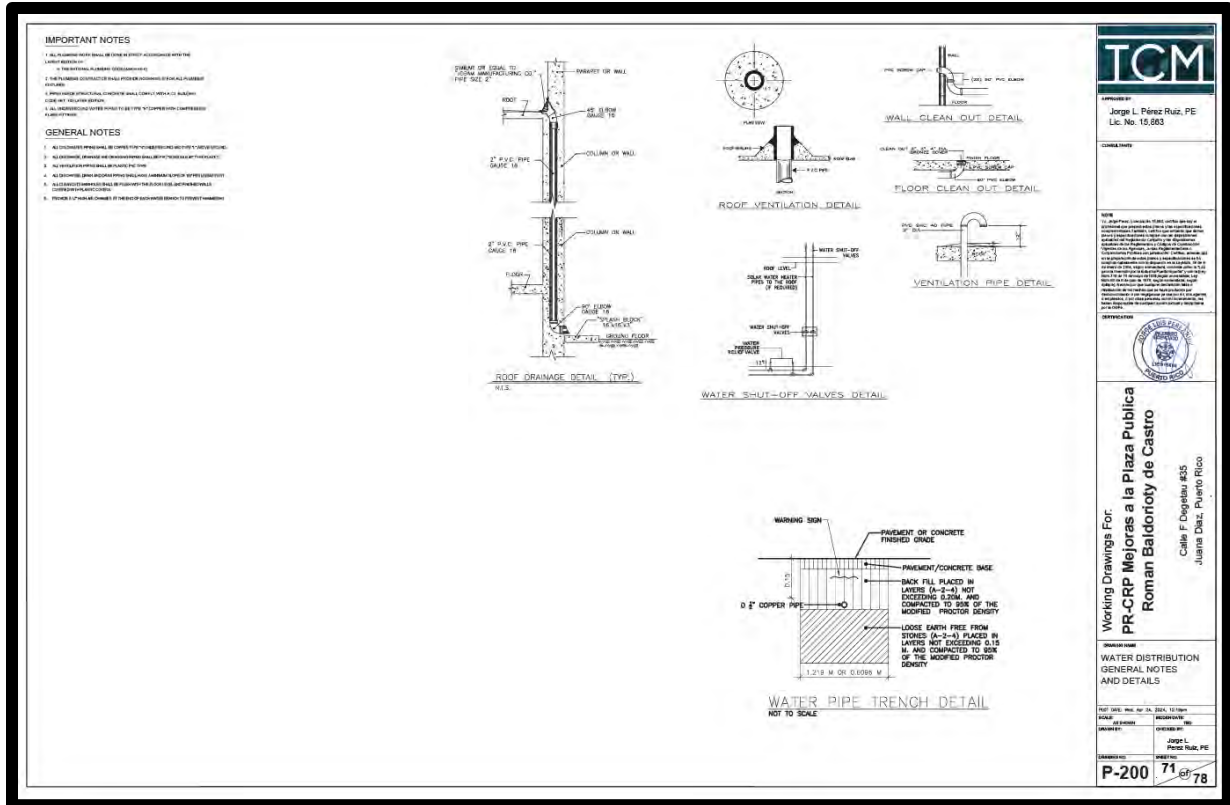


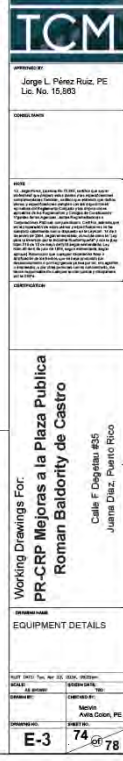
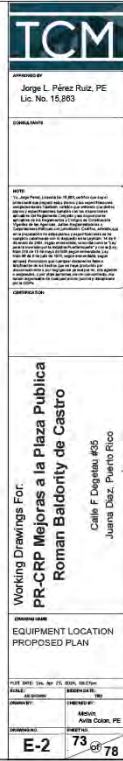


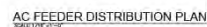












GENERAL NOTES:

1. CONTRACTOR SHALL BALANCE ALL LOADS.
2. NO CONDUIT SHALL BE SMALLER THAN 1/4".
3. NO WIRE SHALL BE SMALLER THAN #12 AND THIN/THIN, 600 VOLTS, COPPER.
4. INDICATED HEIGHTS ARE FROM CENTER OF BOX TO FIN FLOOR, EXCEPT AS OTHERWISE INDICATED.
5. ALL PANELS, METERS, SAFETY SWITCHES, ETC SHALL BE MARKED SO AS TO IDENTIFY THEIR USE AND VOLTAGE.
6. MINIMUM INTERRUPTING CAPACITY FOR ALL BREAKERS SHALL BE 10,000 AMPS MIN., UNLESS OTHERWISE NOTED.
7. BUSING 1-1/2" AND LARGER SHALL BE OF THE METAL AND PLASTIC INSULATED TYPE.
8. INSTALL #12 THIN GREEN GROUND JUMPER BETWEEN CONVENIENCE OUTLET GROUND TERMINAL & OUTLET BOX GROUNDING SCREW, OTHERWISE USE CLIP TYPE SELF GROUNDING CONVENIENCE OUTLET.
9. ALL LIGHTING FIXTURES SHALL BE LED TYPE OR AS ACCORDING TO OWNER'S SPECIFICATION.
10. ALL EXISTING WIRING SHALL BE REMOVED IN THE AREA TO BE.
11. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT THE COLOR OF RECEPTACLES, SWITCH & PLATES.
12. NEW PANELS, SWITCHES, RECEPTACLES AND LIGHTING OUTLETS SHALL BE INSTALLED AS INDICATED IN THE LEGEND OR SCHEDULES.
13. EXISTING EXPOSED CONDUITS SHALL BE REMOVED OR RELOCATED AS REQUESTED BY OWNER OR RESIDENTS.
14. ALL PANEL BOARDS ENCLOSURE SHALL BE GROUNDING BY BONDING TO THE GROUNDING CONDUCTOR.

MATERIALS:

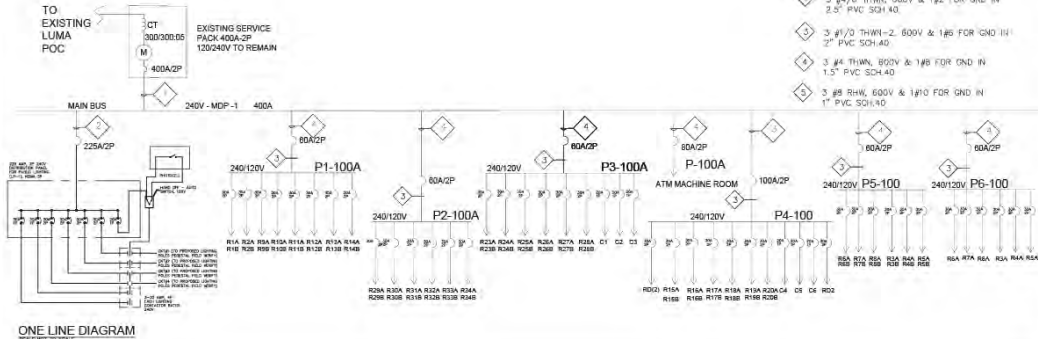
1. ALL EQUIPMENT USED IN CONSTRUCTION SHALL COMPLY WITH THE STANDARDS OF IEEE, ANSI, NEMA AND ASTM.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT ANY MATERIAL OR EQUIPMENT USED IS APPROVED BY LUMA PRIOR TO INSTALLATION.
3. ALL EQUIPMENT AND MATERIALS (INCLUDING TRANSFORMERS AND SUBSTATION CABINETS) TO BE INSTALLED AT ONE MILE OR LESS AWAY FROM SEASHORE TO BE STAINLESS STEEL.

ELECTRICAL SYSTEMS:

1. EXPOSED NONCURRENT CARRYING METAL PARTS LIKELY TO BECOME ENERGIZED SHALL BE GROUNDING AS PER N.E.C. ARTICLE 250.
2. ANY CONDUIT PATH THRU WALL OR ROOF SHALL BE DONE USING A CORE DRILL AND SHALL BE SEALED AS PER LUMA ROOF BUILD-UP CONTRACTOR TO KEEP THE ROOF WATER PROOF GUARANTEE.
3. ALL CONDUITS PENETRATING RATED FIRE WALLS OR RATED FIRE FLOORS SHALL BE SEALED USING U.I. APPROVED SEALS TO MAINTAIN THE FIRE RESISTANCE RATING.
4. ALL DAMAGE CAUSED BY THE CONTRACTOR DURING THE EXECUTION OF THE WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE BUILDING OWNER REPRESENTATIVE.
5. ALL WIRES SHALL BE COPPER, INSULATED AS NOTED.
6. ROUTE OF CONDUIT SHOWN IN LAYOUT IS SCHEMATIC AND INTENDED ONLY TO INDICATE INTERCONNECTION. EXACT ROUTING SHALL BE DETERMINED BY CONTRACTOR AS JOB SITE TO CONFORM WITH EXISTING CONDITIONS.
7. ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (EDITION ADOPTED BY PREPA) AND APPLICABLE LOCAL CODES.
8. GROUNDING SHALL COMPLY WITH ARTICLE 250 OF THE NATIONAL ELECTRIC CODE.
9. ALL ELECTRICAL EQUIPMENT AND ACCESSORIES SHALL BE U.I. APPROVED OR LISTED.
10. ALL POWER WIRING SHALL BE STRANDED COPPER, TYPE THHN/THW AND 90 DEGREES C RATED.
11. PROJECT OWNER IS RESPONSIBLE FOR PERFORMING CABLE TESTS BOTH AT THE PRIMARY AND SECONDARY TERMINALS. THIS TESTING SHALL BE IN ACCORDANCE WITH THE PARAMETERS ESTABLISHED BY LUMA.

FEEDER'S WIRES SCHEDULE

1. 2 SETS OF 3/3" RHW, 600V & 1#0 FOR GND IN 2" - 2.5" PVC SCH 40
2. 3 #4 THIN, 600V & 1#2 FOR GND IN 2" PVC SCH 40
3. 3 #1/2 THIN-2, 600V & 1#6 FOR GND IN 2" PVC SCH 40
4. 3 #4 THIN, 600V & 1#6 FOR GND IN 1.5" PVC SCH 40
5. 3 #8 RHW, 600V & 1#0 FOR GND IN 1" PVC SCH 40



TCM

APPROVED BY:
Jorge L. Pérez Ruiz, PE
Lic. No. 15,853

CONTRACTOR:

DATE:

REVISION:

Working Drawings For:
PR-CRP Mejoras a la Plaza Publica Roman Baldority de Castro
Calle F. Dagelau #35
Juanita Diaz, Puerto Rico

ONE LINE DIAGRAM AND ELECTRICAL NOTES

DATE: 08/11/2024, 10:00 AM, 10:00 AM, 10:00 AM
BY: [Signature]
CHECKED BY: [Signature]
DATE: 08/11/2024, 10:00 AM, 10:00 AM, 10:00 AM

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| PANEL SCHEDULE | | | | |
|----------------|----------|----------------------------|---------|------------------------|
| DESCRIPTION | TYPE | BREAKERS | REMARKS | |
| | | INT. NO. POLES TRIP (AMPS) | | |
| PANEL 78 | PANEL 78 | 1 | 20 | RECEPTACLE 20 AMP 125V |
| | | 2 | 20 | RECEPTACLE 20 AMP 125V |
| | | 3 | 20 | RECEPTACLE 20 AMP 125V |
| | | 4 | 20 | RECEPTACLE 20 AMP 125V |
| | | 5 | 20 | RECEPTACLE 20 AMP 125V |
| | | 6 | 20 | RECEPTACLE 20 AMP 125V |
| | | 7 | 20 | RECEPTACLE 20 AMP 125V |
| | | 8 | 20 | RECEPTACLE 20 AMP 125V |
| | | 9 | 20 | RECEPTACLE 20 AMP 125V |
| | | 10 | 20 | RECEPTACLE 20 AMP 125V |

| PANEL SCHEDULE | | | | |
|----------------|----------|----------------------------|---------|------------------------|
| DESCRIPTION | TYPE | BREAKERS | REMARKS | |
| | | INT. NO. POLES TRIP (AMPS) | | |
| PANEL 79 | PANEL 79 | 1 | 20 | RECEPTACLE 20 AMP 125V |
| | | 2 | 20 | RECEPTACLE 20 AMP 125V |
| | | 3 | 20 | RECEPTACLE 20 AMP 125V |
| | | 4 | 20 | RECEPTACLE 20 AMP 125V |
| | | 5 | 20 | RECEPTACLE 20 AMP 125V |
| | | 6 | 20 | RECEPTACLE 20 AMP 125V |
| | | 7 | 20 | RECEPTACLE 20 AMP 125V |
| | | 8 | 20 | RECEPTACLE 20 AMP 125V |
| | | 9 | 20 | RECEPTACLE 20 AMP 125V |
| | | 10 | 20 | RECEPTACLE 20 AMP 125V |

| PANEL SCHEDULE | | | | |
|----------------|----------|----------------------------|---------|------------------------|
| DESCRIPTION | TYPE | BREAKERS | REMARKS | |
| | | INT. NO. POLES TRIP (AMPS) | | |
| PANEL 80 | PANEL 80 | 1 | 20 | RECEPTACLE 20 AMP 125V |
| | | 2 | 20 | RECEPTACLE 20 AMP 125V |
| | | 3 | 20 | RECEPTACLE 20 AMP 125V |
| | | 4 | 20 | RECEPTACLE 20 AMP 125V |
| | | 5 | 20 | RECEPTACLE 20 AMP 125V |
| | | 6 | 20 | RECEPTACLE 20 AMP 125V |
| | | 7 | 20 | RECEPTACLE 20 AMP 125V |
| | | 8 | 20 | RECEPTACLE 20 AMP 125V |
| | | 9 | 20 | RECEPTACLE 20 AMP 125V |
| | | 10 | 20 | RECEPTACLE 20 AMP 125V |

| PANEL SCHEDULE | | | | |
|----------------|----------|----------------------------|---------|------------------------|
| DESCRIPTION | TYPE | BREAKERS | REMARKS | |
| | | INT. NO. POLES TRIP (AMPS) | | |
| PANEL 81 | PANEL 81 | 1 | 20 | RECEPTACLE 20 AMP 125V |
| | | 2 | 20 | RECEPTACLE 20 AMP 125V |
| | | 3 | 20 | RECEPTACLE 20 AMP 125V |
| | | 4 | 20 | RECEPTACLE 20 AMP 125V |
| | | 5 | 20 | RECEPTACLE 20 AMP 125V |
| | | 6 | 20 | RECEPTACLE 20 AMP 125V |
| | | 7 | 20 | RECEPTACLE 20 AMP 125V |
| | | 8 | 20 | RECEPTACLE 20 AMP 125V |
| | | 9 | 20 | RECEPTACLE 20 AMP 125V |
| | | 10 | 20 | RECEPTACLE 20 AMP 125V |

| PANEL SCHEDULE | | | | |
|----------------|----------|----------------------------|---------|------------------------|
| DESCRIPTION | TYPE | BREAKERS | REMARKS | |
| | | INT. NO. POLES TRIP (AMPS) | | |
| PANEL 82 | PANEL 82 | 1 | 20 | RECEPTACLE 20 AMP 125V |
| | | 2 | 20 | RECEPTACLE 20 AMP 125V |
| | | 3 | 20 | RECEPTACLE 20 AMP 125V |
| | | 4 | 20 | RECEPTACLE 20 AMP 125V |
| | | 5 | 20 | RECEPTACLE 20 AMP 125V |
| | | 6 | 20 | RECEPTACLE 20 AMP 125V |
| | | 7 | 20 | RECEPTACLE 20 AMP 125V |
| | | 8 | 20 | RECEPTACLE 20 AMP 125V |
| | | 9 | 20 | RECEPTACLE 20 AMP 125V |
| | | 10 | 20 | RECEPTACLE 20 AMP 125V |

| PANEL SCHEDULE | | | | |
|----------------|----------|----------------------------|---------|------------------------|
| DESCRIPTION | TYPE | BREAKERS | REMARKS | |
| | | INT. NO. POLES TRIP (AMPS) | | |
| PANEL 83 | PANEL 83 | 1 | 20 | RECEPTACLE 20 AMP 125V |
| | | 2 | 20 | RECEPTACLE 20 AMP 125V |
| | | 3 | 20 | RECEPTACLE 20 AMP 125V |
| | | 4 | 20 | RECEPTACLE 20 AMP 125V |
| | | 5 | 20 | RECEPTACLE 20 AMP 125V |
| | | 6 | 20 | RECEPTACLE 20 AMP 125V |
| | | 7 | 20 | RECEPTACLE 20 AMP 125V |
| | | 8 | 20 | RECEPTACLE 20 AMP 125V |
| | | 9 | 20 | RECEPTACLE 20 AMP 125V |
| | | 10 | 20 | RECEPTACLE 20 AMP 125V |

| PANEL SCHEDULE | | | | |
|----------------|----------|----------------------------|---------|------------------------|
| DESCRIPTION | TYPE | BREAKERS | REMARKS | |
| | | INT. NO. POLES TRIP (AMPS) | | |
| PANEL 84 | PANEL 84 | 1 | 20 | RECEPTACLE 20 AMP 125V |
| | | 2 | 20 | RECEPTACLE 20 AMP 125V |
| | | 3 | 20 | RECEPTACLE 20 AMP 125V |
| | | 4 | 20 | RECEPTACLE 20 AMP 125V |
| | | 5 | 20 | RECEPTACLE 20 AMP 125V |
| | | 6 | 20 | RECEPTACLE 20 AMP 125V |
| | | 7 | 20 | RECEPTACLE 20 AMP 125V |
| | | 8 | 20 | RECEPTACLE 20 AMP 125V |
| | | 9 | 20 | RECEPTACLE 20 AMP 125V |
| | | 10 | 20 | RECEPTACLE 20 AMP 125V |

| PANEL SCHEDULE | | | | |
|----------------|----------|----------------------------|---------|------------------------|
| DESCRIPTION | TYPE | BREAKERS | REMARKS | |
| | | INT. NO. POLES TRIP (AMPS) | | |
| PANEL 85 | PANEL 85 | 1 | 20 | RECEPTACLE 20 AMP 125V |
| | | 2 | 20 | RECEPTACLE 20 AMP 125V |
| | | 3 | 20 | RECEPTACLE 20 AMP 125V |
| | | 4 | 20 | RECEPTACLE 20 AMP 125V |
| | | 5 | 20 | RECEPTACLE 20 AMP 125V |
| | | 6 | 20 | RECEPTACLE 20 AMP 125V |
| | | 7 | 20 | RECEPTACLE 20 AMP 125V |
| | | 8 | 20 | RECEPTACLE 20 AMP 125V |
| | | 9 | 20 | RECEPTACLE 20 AMP 125V |
| | | 10 | 20 | RECEPTACLE 20 AMP 125V |

| PANEL SCHEDULE | | | | |
|----------------|----------|----------------------------|---------|------------------------|
| DESCRIPTION | TYPE | BREAKERS | REMARKS | |
| | | INT. NO. POLES TRIP (AMPS) | | |
| PANEL 86 | PANEL 86 | 1 | 20 | RECEPTACLE 20 AMP 125V |
| | | 2 | 20 | RECEPTACLE 20 AMP 125V |
| | | 3 | 20 | RECEPTACLE 20 AMP 125V |
| | | 4 | 20 | RECEPTACLE 20 AMP 125V |
| | | 5 | 20 | RECEPTACLE 20 AMP 125V |
| | | 6 | 20 | RECEPTACLE 20 AMP 125V |
| | | 7 | 20 | RECEPTACLE 20 AMP 125V |
| | | 8 | 20 | RECEPTACLE 20 AMP 125V |
| | | 9 | 20 | RECEPTACLE 20 AMP 125V |
| | | 10 | 20 | RECEPTACLE 20 AMP 125V |

TCM

APPROVED BY:
Jorge L. Pérez Ruiz, PE
Lic. No. 15,853

CONTRACTOR:

DATE:

REVISION:

Working Drawings For:
PR-CRP Mejoras a la Plaza Publica Roman Baldority de Castro
Calle F. Dagelau #35
Juanita Diaz, Puerto Rico

ONE LINE DIAGRAM RECEPTACLE PANEL SCHEDULE

DATE: 08/11/2024, 10:00 AM, 10:00 AM, 10:00 AM
BY: [Signature]
CHECKED BY: [Signature]
DATE: 08/11/2024, 10:00 AM, 10:00 AM, 10:00 AM

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