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## **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:** Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk (PR-CRP-000342)

Responsible Entity: Puerto Rico Department of Housing (PRDOH)

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

State/Local Identifier: Puerto Rico/San Sebastian

Preparer: Genevieve Kaiser, Senior Environmental Planner/GIS Specialist, Tetra Tech, Inc.

## **Certifying Officer Name and Title:**

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

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

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

**Project Location:** 18.3432940°, -066.9996310° to 18.335892°, -66.976707°; Address: Carr 125 Avenue Emérito Estrada Rivera, Int. Carr. P.R. 111, San Sebastian, P.R. The project is on sidewalks which do not have cadaster numbers.

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

The Municipality of San Sebastian proposes the rehabilitation and restoration of the sidewalks, curbs and gutters, the incorporation of handicap ramps and the construction of sidewalks, along the length of Carr #125 Ave. Emérito Estrada Rivera from location 18.343294°, -66.999638° until the intersection with Carr #111 location 18.335892°, -66.976707° (Figure 1: Aerial Photograph). Works to be performed will extend approximately 6.57% outside of the streets' right of way. The approximate length of the sidewalks to be built is 9,845 feet, and the approximate length of sidewalks to be reconstructed is 8,419 feet with a minimum width of 5 feet. The project will also include entrance reconstructions along the road, the acquisition and installation of solar lighting, new signage and improvements to the green areas.

The proposed project aims to accomplish the following tasks: reconstruction of the existing sidewalks and construction of new sidewalks along the route; construction of concrete curbs; construction of handicapped ramps for ADA accessibility compliance; improvements to the green areas; and installation of signage and pavement markings for pedestrian crossings. It will also include partial widening of existing sidewalks to comply with ADA regulations and PRTHA Standards. There will be demolition of the existing elements in order to rebuild them and of the road areas where the new sidewalks will be constructed. (Figure 2: Proposed Project Drawings (100%)). Work will not be performed on the sidewalks of the bridges along the street area, except for the construction of a curb and gutter and works in a gutter in the bridge that extends from km 19.66 to km 19.68 in the PR-125. The maximum depth of excavation works will be approximately 18 in.

During the demolition and construction process, erosion and sedimentation control measures will be implemented to avoid sediment discharges into the storm sewer system. Controls to be installed include hay bales (or silt socks) on drainage structures, silt fence around the project limit, and implementation of a stabilized entrance, with truck washout station to avoid sediments track out into the streets. Staging and storage areas for construction materials will be protected with silt fence, or any other measure as needed. The staging area for the projects will be located in the parking lot of the Cancha Luis Muñoz Marin.

A Maintenance of traffic plan and temporary control devices will be implemented to control the vehicular traffic and provide a safe route to pedestrians during the construction works. The maintenance of traffic plan will be prepared in compliance with the PRHTA and FHWA standards and regulations.

### Level of Environmental Review Determination:

Categorically Excluded Activities Subject to 58.5 (CEST per 24 CFR 58.35(a)) – 58.35(a) (1). Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets); and 58.35(a) (2). Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons. *This conclusion assumes that the sidewalks are part of the streets right of way*.

## **Funding Information**

Grant Number	HUD Program	<b>Funding Amount</b>
B-17-DM-72-0001;		
B-18-DP-72-0001;	Community Development Block Grant –	\$11,938,162,230
B-19-DP-78-0002;	Disaster Recovery (CDBG-DR)	\$11,938,102,230
B-18-DE-72-0001		

Estimated Total HUD Funded Amount: \$2,815,564.97

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$2,815,564.97

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

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE OI & 58.6	RDERS, AND R	EGULATIONS LISTED AT 24 CFR 50.4
<b>Airport Hazards</b> 24 CFR Part 51 Subpart D	Yes No	The nearest airport is Eugenio María de Hostos Airport a civil airport in Mayaguez, which is located approximately 11.45 miles (60,728.65 feet) to the southwest of the Site. The closest military airport is Luis Muñoz Marin Airport Located at approximately 63.03 mi (332,798.40 feet) to the northeast of the Site. Thus, the project site is not within 15,000 feet of a military airport nor within 2,500 feet of a civilian airport.
		That means it is not located within a Runway Potential Zone/Clear Zone (RPZ/CZ) or Accident Potential Zone (APZ). The project is in compliance with the regulation. <b>Refer to Exhibit No.1 Airport Hazards</b>

Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No	The Project is not located in a CBRS unit; therefore, this project has no potential to impact a CBRS Unit. The closest CBRS Unit is PR-78, (Coto Unit), which is located approximately 10.3 miles (54,384 feet) north of the Site at its closest point. There are no anticipated adverse effects due to the project's development, thus the project is in compliance with the regulation. <b>Refer to Exhibit No.2 CBRS</b>
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	<ul> <li>Portions of this project are located in a 100-year floodplain. According to FEMA Flood Insurance Rate Map (FIRM) Panel</li> <li>72000C0555J, effective date November 18, 2009, the project will be located is identified as: Zone AE (area of special flood hazard [100-year floodplain] with water surface elevations determined); Zone X shaded (area of 0.2 percent annual chance of flood hazard); Zone X (area of minimal flood hazard); Zone X (area of minimal flood hazard), and Zone AE Floodway (area of regulatory floodway).</li> <li>The project is an infrastructure project and does not include insurable elements. All municipalities of Puerto Rico participate in the National Flood Insurance Program and are currently in good standing with the agency.</li> <li>The project is in compliance with the Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994.</li> <li>Refer to Exhibit No.3 FEMA FIRMette</li> </ul>
& 58.5	RDERS, AND	REGULATIONS LISTED AT 24 CFR 50.4
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes No	The project is not located in nonattainment area. During construction, the contractor must control dust to prevent it from becoming a nuisance to neighboring areas. There are no anticipated adverse effects due to the project's development.

		Refer to Exhibit No.4 Air Quality, Exhibit 4a: EPA Greenbook - Current Nonattainment Counties for All Criteria Pollutants, and Exhibit 4b: Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No	The project is located outside the area identified as Coastal Zone Line Boundary; thus, it does not affect Coastal Zone Management Plan. The closest Coastal Zone Line Boundary is located approximately 9.7 miles north of the project. The project is in compliance with the Coastal Zone Management Act. <b>Refer to Exhibit No.5 Coastal Zone Land Boundary</b>
Contamination and Toxic Substances	Yes No	The NEPAssist database was reviewed on
24 CFR Part 50.3(i) & 58.5(i)(2)		July 2023 to identify EPA Facilities within 3,000 ft of Site.
		<ul> <li>The following EPA facilities were detected:</li> <li>One (1) Toxic Release (TRI) Site</li> <li>Four (4) Water Dischargers Sites (NPDES)</li> <li>Ten (10) Hazardous Waste (RCRA)</li> <li>Additional information obtained from the</li> </ul>
		EDR Radius Report and DNER 2020 Leaking Underground Storage Tanks (LUST) lists:
		<ul> <li>Three (3) Active LUSTs</li> <li>Three (3) Inactive LUSTs</li> </ul>
		According to the information available, these facilities do not appear to present an environmental concern for the project site, either because no other significant noncompliance or high priority violation had been identified as of 12/31/2022 for the NPDES facility and as of 05/27/2023 for the RCRA facilities, or because conditions suggest releases at the LUSTs sites are not expected to have had the potential to migrate to affect the subject property. Please refer to

Exhibit 6a for detailed information regarding
the facilities identified.
Lead and Asbestos surveys were performed at the project Site. Asbestos was not found. Some areas of the project were found to contain more than 1.0 mg/cm2 for what the Puerto Rico Department of Natural and Environmental Resources (PR DRNA) identifies as lead based paint of materials containing lead.
Mitigation measures will be taken to safely remove the paint. Clearance tests will be performed after removal to ensure no lead is left, and lead containing material will be taken to a proper disposal facility. These are detailed in the Mitigation Measures and Conditions [40 CFR 1505.2(c)] section below.
The presence of LBP will not affect occupants because there are none, nor will it affect the intended use of the project Site.
Per the CPD-23-103 Notice (Departmental Policy for Addressing Radon in the Environmental Review Process), issued by HUD on January 11, 2024, "As radon is a radioactive substance, HUD or the responsible entity (RE) must consider it as part of the site contamination analysis for projects that:
<ul> <li>Require an environmental review at the level of Categorically Excluded Subject to 50.4 or 58.5 ("CEST"), Environmental Assessment, or Environmental Impact Statement; and</li> <li>Involve structures that are occupied or are intended to be occupied at least four (4) hours a day."</li> </ul>
Since the project does not include construction of a structure intended to be occupied for more than 4 hours a day, the requirement does not apply.
Furthermore, the Notice states that if the recommended best practices and alternative

		options for radon testing are infeasible and impracticable, no further consideration of Radon is needed for the environmental review. The reasons for said inapplicability, infeasibility and impracticability are documented in a memorandum to file provided by PRDOH included in Exhibit 6c. Refer to Exhibit No.6: NEPAssist Radius Map and JP GIS UST Map; Exhibit 6a: NEPAssist Identified Facilities within 3,000 ft, Exhibit 6b: Asbestos and Lead Survey, and 6c: Memorandum of Justification for the Infeasibility and Impracticability of Radon Testing
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes No	The proposed project is located in a densely populated, urban landscape. The site is not identified as a critical habitat by the US Fish and Wildlife Services (USFWS). However, the Endangered Species List Report indicated that one species, the Puerto Rican Boa, whose habitat has been designated wherever found, could be found at the project Site. Species in this report will be considered in the analysis and design of the project. The project conforms to Project Criteria No. 2: Construction of gutters and sidewalks along existing roads of the Blanket Clearance Letter for Federally sponsored projects, Housing and Urban Development dated January 14, 2013. The project is in compliance with the Endangered Species Act. The Self Certification Letter, along with Exhibit 7, the IPaC resource list, the USFWS General Project Design Guidelines which includes the Conservation Measures for the Puerto Rican boa, the Blanket Clearance Letter for Federally sponsored projects, Housing and Urban Development dated January 14, 2013, the Project Description, Site Pictures, Location Map, Critical Habitat Map, and the USFWS National Wetlands Inventory Map was sent by PRDOH to USFWS on June 28, 2024, according to the

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		transmittal letter provided. USFWS concurred with the determination on July 11, 2024. If a Puerto Rican Boa is found in the project action site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Puerto Rico Department of Natural and Environmental Resources shall be contacted and asked to relocate the Boa in accordance with the USFWS Puerto Rican Boa Conservation Measures Guidelines and the January 2024, Amended Programmatic
		Biological Opinion. The project is in compliance with the Endangered Species Act.
		Refer to Exhibit No.7 Endangered Species
<b>Explosive and Flammable</b> <b>Hazards</b> 24 CFR Part 51 Subpart C	Yes No	The proposed project does not include a hazardous facility that mainly stores, handles, or processes flammable or combustible chemicals such as bulk fuel storage.
		The scope of the proposed project does not include the development, construction, conversion or rehabilitation that will increase residential densities.
		The project scope does not include the installation of storage tanks.
		The project is, therefore, in compliance with 24 CFR Part 51 Subpart C. 7.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No	The project does not include any activities that could potentially convert agricultural land into nonagricultural land. Some of the soils in the area are identified as "Farmland of Statewide Importance" and "All Areas are Prime Farmland". According to the United States Census Bureau TigerWeb, most of the Site is located on areas identified Urban Areas. The area not identified as such is the northeastern corner near the intersection of the Emerito Estrada Ave. with PR-111. However, that area has been identified by the Puerto Rico Planning Board in the PR Land Uses Plan, effective date November 30,

		<ul> <li>2015, as Urban Land. In addition, the project would replace sidewalks and gutters that already exist and are part of existing urban infrastructure. Thus, according to 7 CFR 658.2(a), the site would be exempted because the project is in a location that is already committed to urban development. The project is in compliance with the Regulation.</li> <li>Refer to Exhibit No.8 Farmlands Protection; Exhibit 8a: Census Bureau Map (TIGERweb 2020); Exhibit 8b: Puerto Rico Planning Board PR Land Uses Plan, Effective Date November 30, 2015; and Exhibit 8c: 7 CFR 658.2(a)</li> </ul>
<b>Floodplain Management</b> Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes No	Along its path, there are portions of the proposed project located within a floodplain. The extent of the floodplain was determined using the 0.2% annual chance (500-year floodplain) approach. The proposed activity with dimensions of 11.33 acres is situated in combined zones: 0.62 acres in floodway, 2.54 acres within the floodplain and, 8.17 acres in zone X outside the floodplain, according to the Puerto Rico Advisory Board Flood Elevation (ABFE) map, effective April 13, 2018.
		Two portions of the project are within the floodway. The beginning of the project starts at the bridge on Emérito Estrada Rivera Avenue, which is within the floodway. The only actions within this portion are related to the reconstruction of the sidewalk, ramp, and associated gutter that are dedicated to ADA compliance. The other portion of the floodway crosses Emérito Estrada Rivera Avenue at the bridge located at the intersection with Highway PR-119 (Hostos Cabrera Street). The work at the site is to add a new concrete gutter to assist with drainage at the bridge. This is a functionally dependent use.

Historic Preservation	Yes No	The PRDOH Permits and Environmental Compliance Division, on a Memorandum dated May 14, 2024, indicated that the project complied with the following exception for activities in the floodway: 24CFR55.12(i): Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and persons with disabilities, qualifying the project for a 5- Step review process. A 5-Step analysis concluded that although the site is in a floodway and floodplain, the project will not negatively impact the floodplain and will not have a significant impact on the runoff water behavior during weather events. The 5-Step process concluded that potential adverse impacts from construction would be temporary and mitigated through construction staging plans developed in partnership with the San Sebastián Municipality to minimize disturbance throughout the construction period and at the end of the project. A stormwater pollution prevention plan (SWPPP) would be prepared, and its Best Management Practices (BMPs) would be implemented to avoid impacts to the floodplain and restore and preserve the values of the floodplain. It will include a combination of detention, infiltration, evaporation and settling to manage flow and remove pollutants and construction debris to avoid impacts to the floodplain. The proposed project is compliant with this regulation. <b>Refer to Exhibit 3a: ABFE's Map, Exhibit 3b: 5-Step Process and Exhibit 3c: Drainage Calculation</b>
National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800		initiated with the State Historic Preservation Office (SHPO) submitting the Section 106 NHPA Effect Determination package with a

letter indicating that the Department of Housing of Puerto Rico contracted Horne Federal LLC to provide environmental registry review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs. The Section 106 NHPA Effect Determination concluded that the project would have no adverse effect on the area.
<ul> <li>The following historic properties were identified within the APE:</li> <li>Direct Effect: The historic properties or cultural resources have been identified within the proposed project APE. The Road PR-125, itself can be considered eligible with the historic culvert © 1917, and the historic bridge ©1940 on the same road, and the Residential Housing Andrés M. Luciaga considered eligible within the visual/indirect APE.</li> <li>Indirect Effect: No indirect negative effect has been identified on cultural/historic/architectural or archaeological resource.</li> </ul>
Based on the results of historic property identification efforts, the Program determined that project actions will not affect historic properties in the Area of Potential Effect. The project consists of improvements aimed at the installation of solar lightning fixtures and reconstruction of sidewalks in State Road PR-125. The project is not expected to have a new impact, because its area of direct impact (APE) is the road and right of way of PR-125.
In a letter dated January 4, 2024, SHPO indicated that it concurred with the determination of no adverse effect. SHPO would be notified should historic properties be discovered at any point during project implementation.
<b>Refer to Exhibit No 9: 106 NHPA Effect</b> <b>Determination</b>

Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes No	HUD guidance at 24 CFR Part 51 requires review of potential noise generators in the vicinity of a project site, including major roadways within 1,000 feet, railroads within 3,000 feet, and military or Federal Aviation Administration regulated airfields within 15 miles. According to the HUD Noise Guidebook, the acceptable day/night noise level (DNL) is 65 decibels (dB). The purpose of this review is to ascertain the impacts of existing noise sources in the area on new residents or other sensitive receptors. The project does not include new construction for residential use or rehabilitation of an existing residential property. Moreover, use and noise levels in post development should not be significantly different from existing levels. The project is, therefore, in compliance with Noise Abatement and Control Regulations.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No	Puerto Rico is included in Region II of the USA EPA designated sole-source aquifer regions. The project is not served by designated sole source aquifers nor is it located within a sole source aquifer watershed. The closest Designated Sole Source Aquifer is in Florida, approximately 980 mi northwest of the Site, and is identified as SSA34a, Biscayne Aquifer SSA. The project will not affect a Sole Source Aquifer in said state. The project is in compliance with the Regulation. <b>Refer to Exhibit No.10 Sole Source</b> <b>Aquifers</b>
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No	The USFWS Wetland mapper's image shows two riverine wetlands at the Site in the two areas where a tributary of Rio Guatemala and the Rio Culebrinas crosses via a channel and bridge, respectively, under the Emerito Estrada Rivera Avenue. There is

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	another Riverine wetland, which is located adjacent to the north of the Avenue.
	A 5-Step analysis concluded that although the project crosses wetlands, it will not negatively impact these wetlands and will not have a significant impact on the runoff water behavior during weather events.
	The riverine wetlands will not be directly affected by the development of the project, as works will not be performed on the sidewalks of the bridges along the street area, except for the construction of a curb and gutter and works in a gutter in the bridge that extends from km 19.66 to km 19.68 in the PR-125, which will not affect the wetland.
	The design minimizes wetland impacts and prevents new construction from occurring in the wetlands and includes provisions for drainage. Impacts to wetlands will also be limited due to construction occurring within the previously developed site. The 5-Step process concluded that potential adverse impacts from construction would be temporary and mitigated through construction staging plans developed in partnership with the San Sebastián Municipality to minimize disturbance throughout the construction period and at the end of the project. A stormwater pollution prevention plan (SWPPP) would be prepared, and its Best Management Practices (BMPs) would be implemented to avoid direct and indirect impacts to wetlands. It will include a combination of detention, infiltration, evaporation and settling to manage flow and remove pollutants and construction debris.
	A permit will not be required for the project, as per Section 404 of the Clean Water Act, because the project will not require the discharge of dredger or fill material into

		<ul><li>wetlands. The project is not expected to affect water bodies.</li><li>The proposed project is compliant with this regulation.</li></ul>
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No	<ul> <li>Puerto Rico has approximately 5,385 river miles. Only 8.9 miles of three rivers are designated as wild and scenic. There are no surrounding rivers that qualify as wild and scenic river. The closest wild and scenic river (Rio De La Mina) is in the Yunque Rainforest, approximately 77.9 miles east of the project site. The project poses no harm to this river.</li> <li>The project is, therefore, in compliance with the Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c).</li> <li>Refer to Exhibit No.12 Wild and Scenic</li> </ul>
		Rivers
<b>Environmental Justice</b> Executive Order 12898	Yes No	On January 21, 2025, President Donald Trump issued the Executive Order 14173 titled "Ending Illegal Discrimination and Restoring Merit- Based Opportunity", which revoked Executive Order 12898 and eliminated federal mandates requiring Agencies to assess environmental justice impacts. Consequently, there is no longer a federal requirement to address environmental justice concerns in the environmental compliance review process.

**Field Inspection** (Date and completed by): 06/02/2023 AVA Environmental Consultants Personnel.

### **Summary of Findings and Conclusions:**

- Contamination and Toxic Substances Lead-based paint was identified above the regulatory level of 1.0 mg/cm2 in some areas of the Site. Applicable regulations will be followed prior to demolishing the area to remove them. Mitigation measures are described in the following section.
- Erosion Control and Sedimentation Stormwater pollution prevention measures shall be implemented throughout the construction period, until final stabilization of the Site is achieved. These measures include best management practices from the following categories:
  - Material storage and spill cleanup,
  - Earth-moving activities and erosion control,

- Roadwork and pavement construction,
- Vehicle and equipment maintenance,
- o Paints, solvents, and adhesives,
- Concrete, cement and mortars, and •
- Waste disposal.

Federal and Local regulations will be followed, permits will be obtained, and the required compliance inspections will be performed.

- The proposed project is not expected to negatively impact the area, as it is being undertaken in a previously developed area and identified impacts would be mitigated.
- PRSHPO found that the subject project, as proposed, would exert no adverse effect on historic properties within its area of potential effects. The project cannot convert to exempt because of the no adverse effect finding versus a no historic properties affected finding.

## **Mitigation Measures and Conditions**

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
Contamination and Toxic Substances	Prior to the demolishing of a structure containing lead- based paint, the contaminated surfaces or substrates will be abated or removed. The waste generated will be characterized to determine if it is hazardous or non- hazardous. The firm providing the abatement services will be certified by the PR DRNA. Workers conducting the assessment will be trained and certified by a training provider accredited by the PR DRNA. The product manufacturer and/or contractor will warrant abatement methods to last a minimum of 20 years, or these methods must have a design life of at least 20 years. If enclosure or encapsulation is used as abatement, ongoing lead-based paint maintenance is required, as the lead-based paint remains on the Site.
Endangered Species	If a Puerto Rican Boa is found in the project action site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Puerto Rico Department of Natural and Environmental Resources shall be contacted and asked to relocate the Boa in accordance with the USFWS Puerto Rican Boa Conservation

	Measures Guidelines and the January 2024, Amended
Floodplain Management	Programmatic Biological Opinion. Adverse impacts to the floodplain from construction would be temporary and mitigated through construction staging plans developed in partnership with the San Sebastián Municipality to minimize disturbance throughout the construction period and at the end of the project. A stormwater pollution prevention plan (SWPPP) would be prepared, and its Best Management Practices (BMPs) would be implemented to avoid impacts to the floodplain and restore and preserve the values of the floodplain. It will include a combination of detention, infiltration, evaporation and settling to manage flow and remove pollutants and construction debris to avoid impacts to the floodplain.
Historic Preservation	SHPO would be notified should historic properties be discovered at any point during project implementation.
Wetlands Protection	Potential adverse impacts to wetlands from construction would be temporary and mitigated through construction staging plans developed in partnership with the San Sebastián Municipality to minimize disturbance throughout the construction period and at the end of the project. A stormwater pollution prevention plan (SWPPP) would be prepared, and its Best Management Practices (BMPs) would be implemented to avoid direct and indirect impacts to wetlands. It will include a combination of detention, infiltration, evaporation and settling to manage flow and remove pollutants and construction debris.
Erosion Control and Sedimentation	<ul> <li>Stormwater pollution prevention measures shall be implemented throughout the construction period, until final stabilization of the Site is achieved. These measures include best management practices from the following categories: <ul> <li>Material storage and spill cleanup,</li> <li>Earth-moving activities and erosion control,</li> <li>Roadwork and pavement construction,</li> <li>Vehicle and equipment maintenance,</li> <li>Paints, solvents, and adhesives,</li> <li>Concrete, cement and mortars, and •</li> <li>Waste disposal.</li> </ul> </li> <li>Federal and Local regulations will be followed, permits will be obtained and the required compliance inspections will be performed.</li> </ul>

Permits and endorsements	The project will adhere to all applicable regulations, ensuring full compliance with both state and federal requirements. This includes meeting standards set forth by relevant agencies, adhering to environmental, safety, and construction codes, and following established
	protocols to secure necessary permits and approvals.

### **Determination:**

- This categorically excluded activity/project converts to Exempt, per 58.34(a)(12) because there are no circumstances which require compliance with any of the federal laws and authorities cited at §58.5. Funds may be committed and drawn down after certification of this part for this (now) EXEMPT project; OR
- This categorically excluded activity/project cannot convert to Exempt because there are circumstances which require compliance with one or more federal laws and authorities cited at §58.5. Complete consultation/mitigation protocol requirements, **publish NOI/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:

Heneview Kaie

Date: May 19, 2025

Responsible Entity Agency Official Signature:

Date: May 29, 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).

### **List of Figures:**

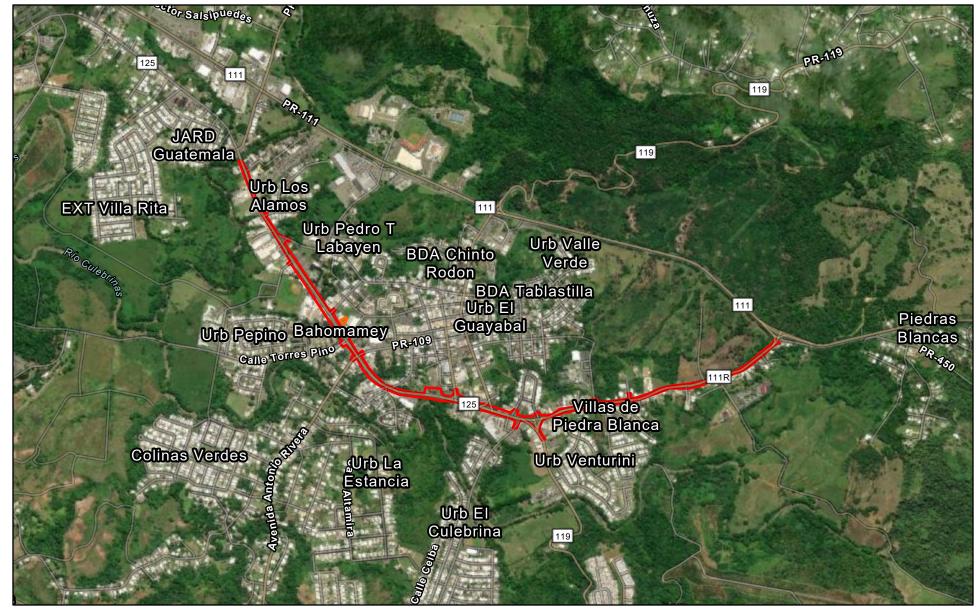
Figure 1: Aereal Photograph Figure 2: Proposed Project Drawings (100%) Figure 3: Site Pictures

List of Exhibits: Exhibit 1: Airport Hazards Exhibit 2: CBRS Exhibit 3: FEMA FIRMette Exhibit 3a: ABFE Map Exhibit 3b: Floodplain-Management 5-Step-Decision-Making-Process, performed by Tetra Tech, Inc. Exhibit 3c: Drainage Calculation Exhibit 4: Air Quality Exhibit 4a: EPA Greenbook - Current Nonattainment Counties for All Criteria Pollutants Exhibit 4b: Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants Exhibit 5: Coastal Zone Land Boundary Exhibit 6: NEPAssist Radius Map and JP GIS UST Map Exhibit 6a: NEPAssist Identified Facilities within 3,000 ft Exhibit 6b: Asbestos and Lead Survey Exhibit 6c: Memorandum of Justification for the Infeasibility and Impracticability of Radon Testing Exhibit 7: Endangered Species Exhibit 8: Farmland Exhibit 8a: Census Bureau Map (TIGERweb 2020) Exhibit 8b: Puerto Rico Planning Board PR Land Uses Plan, Effective Date November 30, 2015 Exhibit 8c: 7 CFR 658.2(a) Exhibit 9: 106 NHPA Effect Determination Exhibit 10: Sole Source Aquifers Exhibit 11: Wetlands Protection Exhibit 12: Wild and Scenic Rivers

PR-CRP-000342

Figure 1: Aereal Photograph

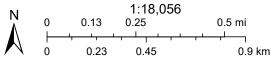
Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578



September 11, 2023

Staging Area

Ave. Americo Estrada Rivera



Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census

Figure 2: Proposed Project Drawings (100%)

# SOLAR LIGHTING AND RECONSTRUCTION OF SIDEWALKS EMERITO ESTRADA RIVERA AVENUE (PR-125)

## SAN SEBASTIAN

## 100% DESIGN DRAWINGS

2

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CIVIL PLANS	
C100	LAYOUT PLAN
C101	LAYOUT PLAN
C102	LAYOUT PLAN
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C480	EROSION AND SEDIMENTATION CONTROL PLAN
C490	EROSION AND SEDIMENTATION CONTROL DETAILS
C700	TYPICAL SECTIONS AND DETAILS
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MOT2	MAINTENANCE OF TRAFFIC TYPICAL APPLICATIONS
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MOT4	MAINTENANCE OF TRAFFIC CONSTRUCTION SIGNS TABLE
MOT5	MAINTENANCE OF TRAFFIC SIGN DETAILS

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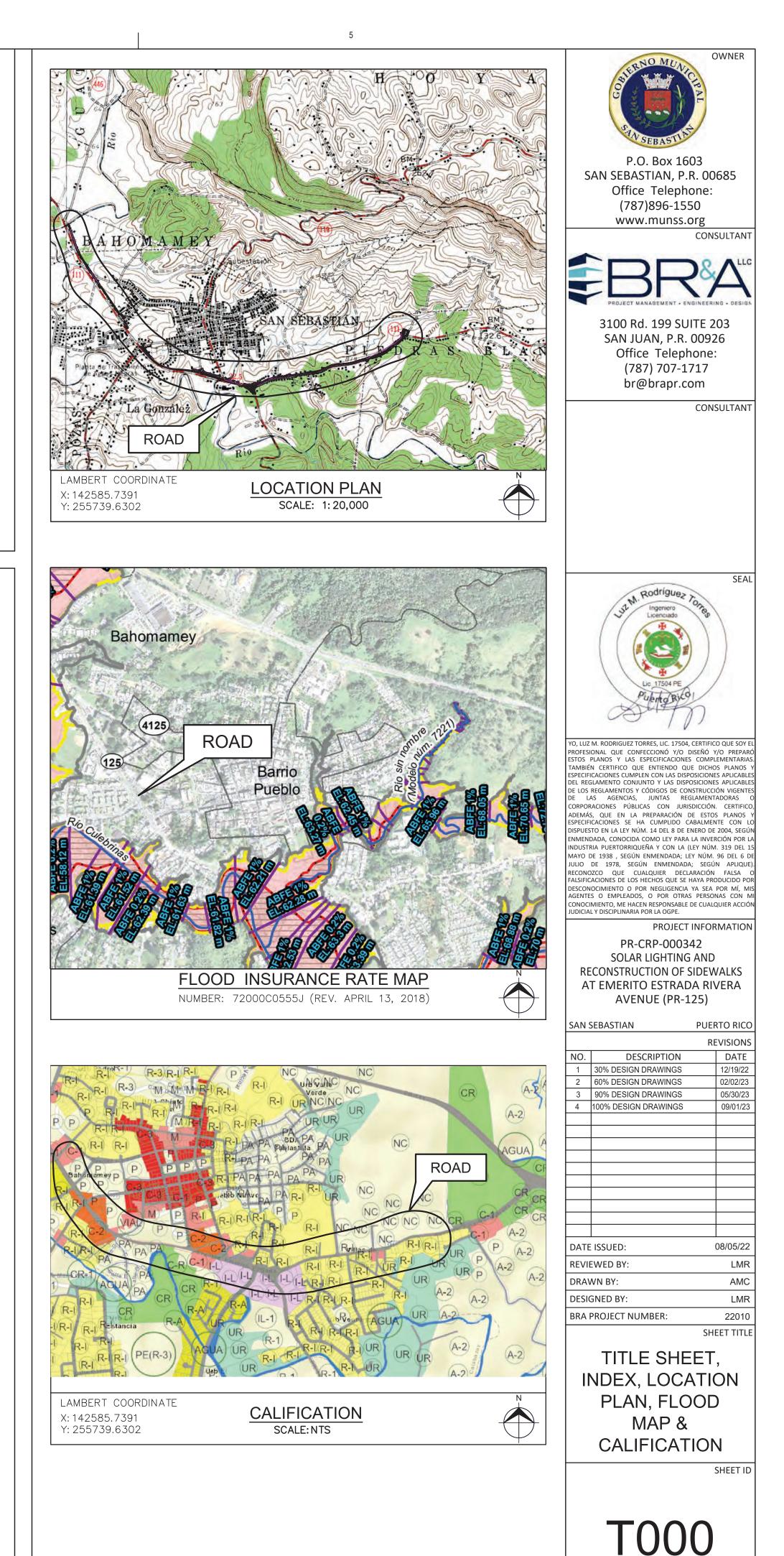
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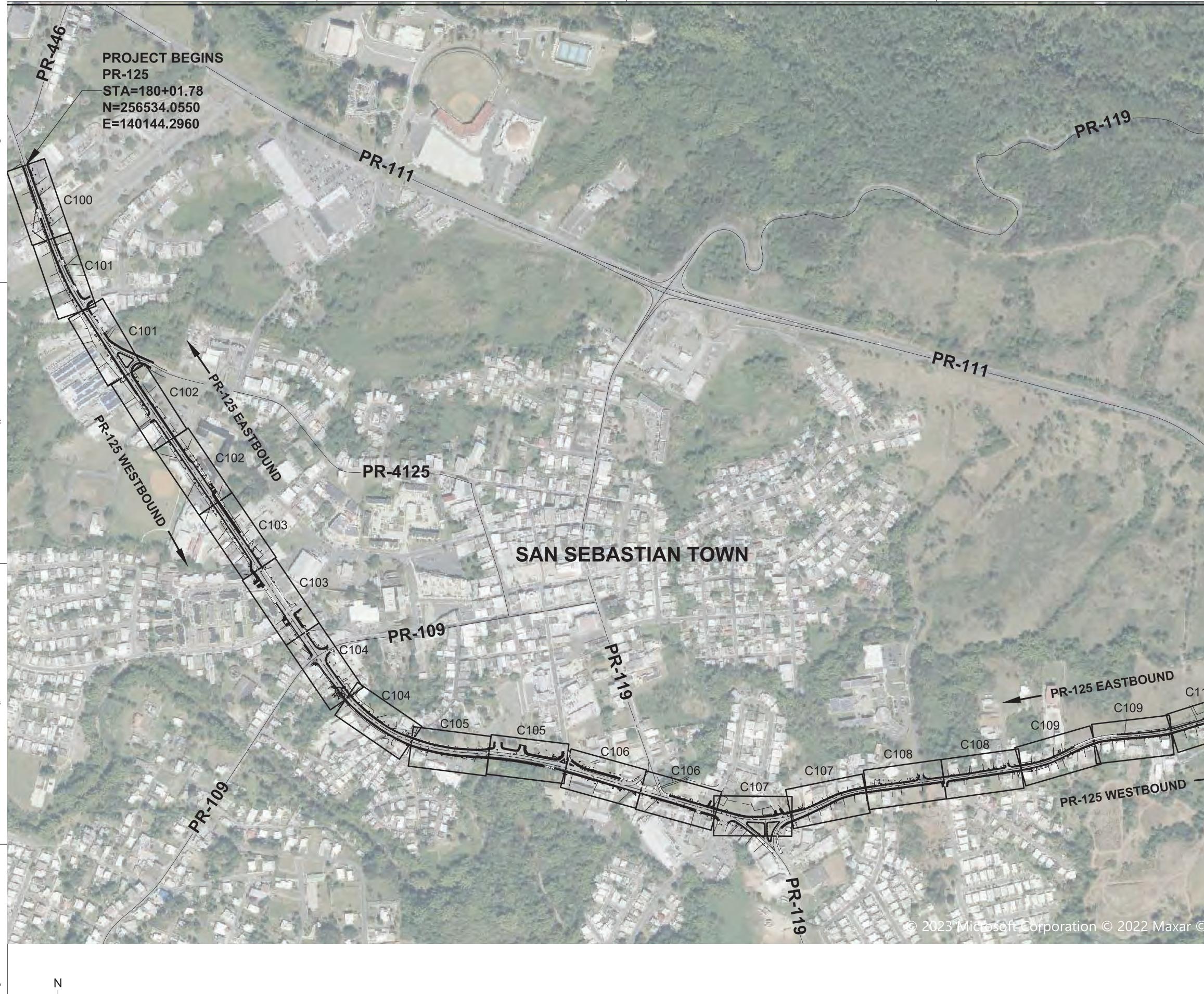
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## ELECTRICAL PLANS

E000	GENERAL SITE PLAN
E001	SOLAR LIGHTING POLES TYPICAL DETAILS
E002	SOLAR LIGHTING POLES TYPICAL DETAILS
E003	SOLAR LIGHTING POLES TYPICAL DETAILS
E004	SOLAR LIGHTING POLES TYPICAL DETAILS
E005	PHOTOMETRY INDEX POLES BY ZONE OR INTERSECTION
E006	PHOTOMETRY INDEX POLES BY ZONE OR INTERSECTION
E007	PHOTOMETRY INDEX POLES BY ZONE OR INTERSECTION
E100	ELECTRICAL PLAN
E101	ELECTRICAL PLAN
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E103	ELECTRICAL PLAN
E104	ELECTRICAL PLAN
E105	ELECTRICAL PLAN
E106	ELECTRICAL PLAN
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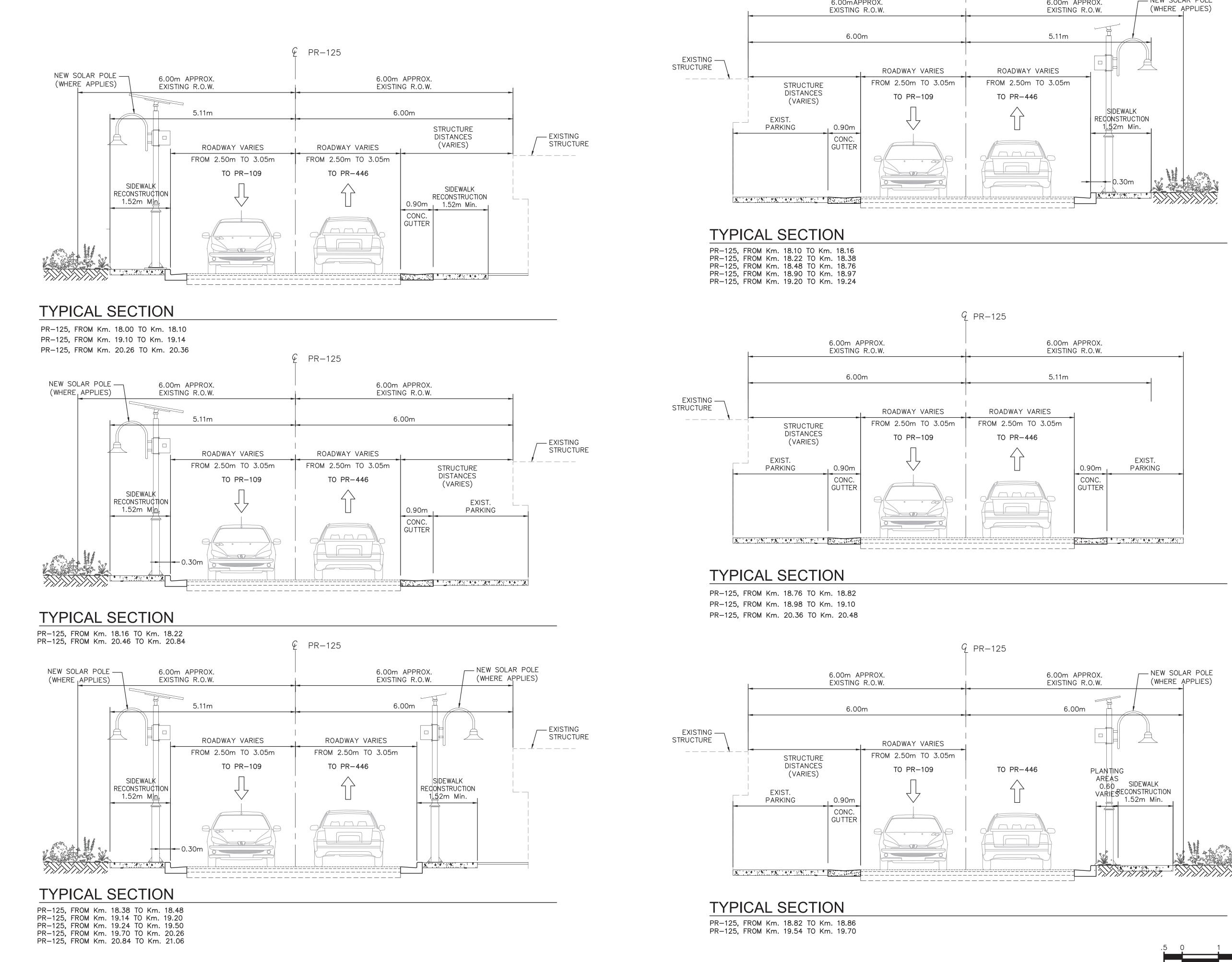
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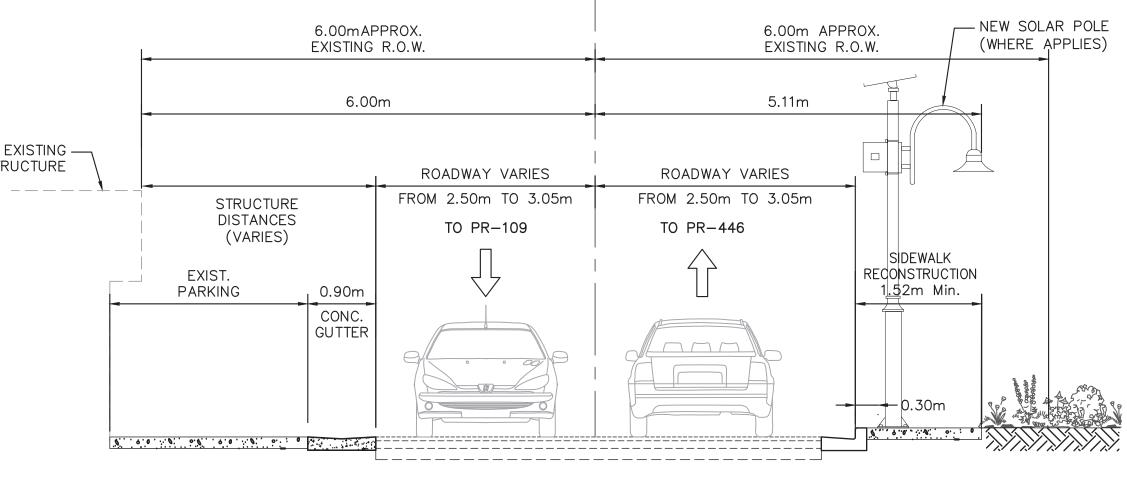
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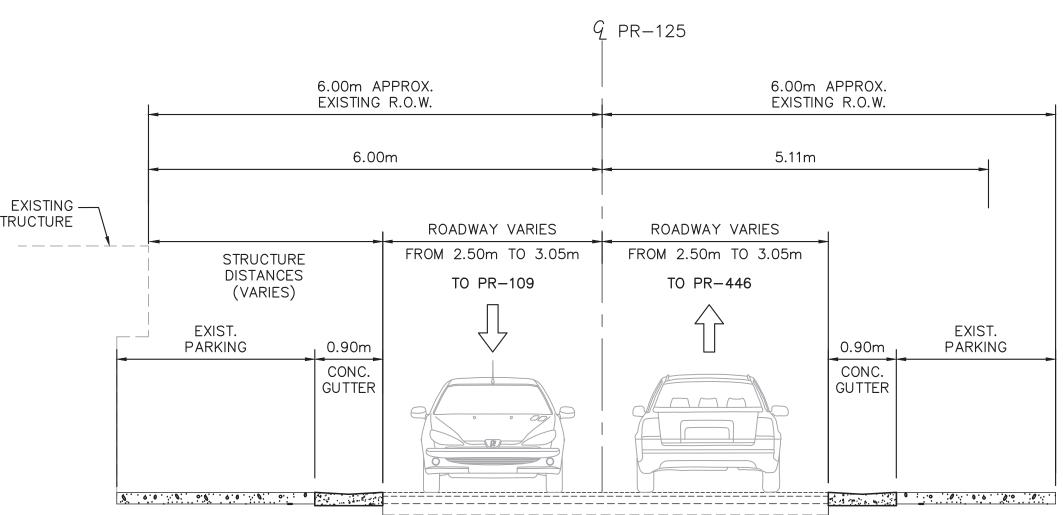
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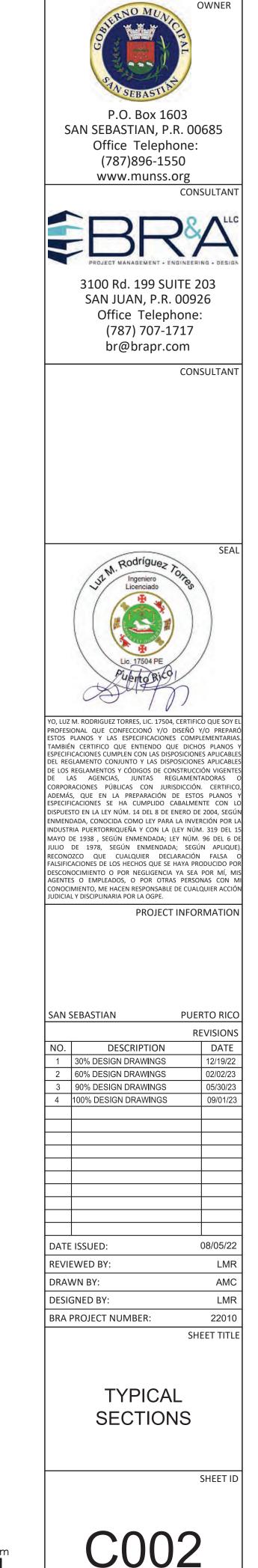














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REFER TO DWGS. C700 AND C701 FOR DETAILS. SCALE: 1:200

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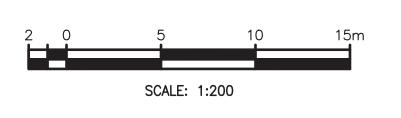


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22019

SHEET TITLE

C103

LAYOUT PLAN

DRAWN BY:

DESIGNED BY:

BRA PROJECT NUMBER:



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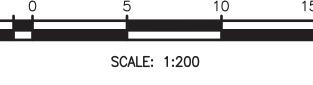
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1. FOR LEGENDS AND NOTES, REFER TO DWG. C100. REFER TO DWGS. C700 AND C701 FOR DETAILS.

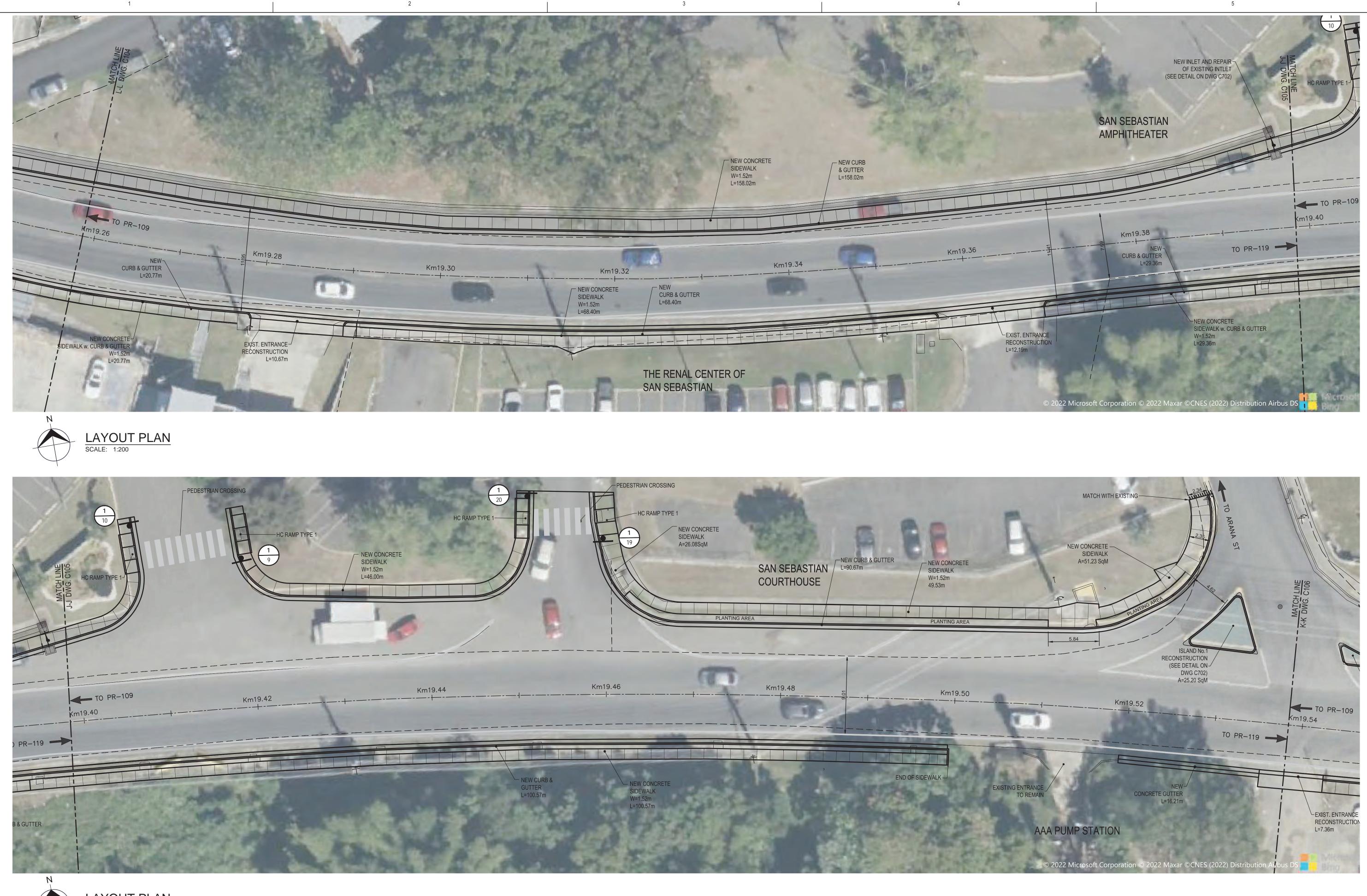
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NOTE:

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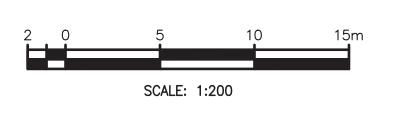
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R A SAN 1 2 3 4	PROJECT II PR-CRP-00034 SOLAR LIGHTING / ECONSTRUCTION OF SI T EMERITO ESTRAD/ AVENUE (PR-12 SEBASTIAN DESCRIPTION 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS 100% DESIGN	2 AND DEWALKS A RIVERA 25) PUERTO RICC REVISION DATE 12/19/22 02/02/23 05/30/23 05/30/23 09/01/2	O S 2 3 3 3 3 
R A SAN 1 2 3 4 4 A DAT REVI	PROJECT II PR-CRP-00034 SOLAR LIGHTING / ECONSTRUCTION OF SI T EMERITO ESTRAD/ AVENUE (PR-12 SEBASTIAN DESCRIPTION 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS 90% DESIGN DRAWINGS 100% DESIGN DRAWINGS 100% DESIGN DRAWINGS 100% DESIGN DRAWINGS ELISSUED: EWED BY:	2 AND DEWALKS A RIVERA 25) PUERTO RICC REVISION DATE 12/19/22 02/02/23 05/30/23 09/01/2 09/01/2 05/30/23 05/30/23 05/30/23 05/30/23 05/30/23 05/30/23 05/12/23 LMF	0 S 2 3 3 3 3 
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OWNER

CONSULTANT

CONSULTANT

P.O. Box 1603 SAN SEBASTIAN, P.R. 00685

Office Telephone:

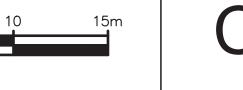
(787)896-1550 www.munss.org

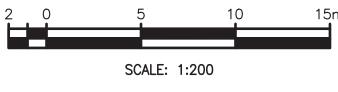
3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926

Office Telephone:

. (787) 707-1717

br@brapr.com





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## C110

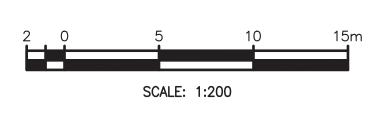
SHEET ID

## LAYOUT PLAN

	Office Telephone (787)896-1550	
	www.munss.org	NSULTANT
	PROJECT MANAGEMENT - ENGINEE 3100 Rd. 199 SUITE SAN JUAN, P.R. 009 Office Telephone (787) 707-1717 br@brapr.com	203 26
	COI	NSULTANT
	JI N. Rodríguez Torres	SEAL
	Licenciado	
	Lic. 17504 PE	/
ESTOS TAMBIÉ ESPECIF DEL REL CORPOI ADEMÁ ESPECIF DISPUES ENMEN INDUST MAYO JULIO RECONO FALSIFIO DESCOM	ICACIONES SE HA CUMPLIDO CABALM STO EN LA LEY NÚM. 14 DEL 8 DE ENERO I DADA, CONOCIDA COMO LEY PARA LA INV RIA PUERTORRIQUEÑA Y CON LA (LEY NÚ DE 1938 , SEGÚN ENMENDADA; LEY NÚN DE 1978, SEGÚN ENMENDADA; SEG	PLEMENTARIAS HOS PLANOS 1 NES APLICABLES VES APLICABLES VITADORAS CON. CERTIFICO OS PLANOS 1 ENTE CON LC DE 2004, SEGÚN ERCIÓN POR LA IM. 319 DEL 15 JÚN APLIQUE N FALSA CON RODUCIDO POF A POR MÍ, MIS ONAS CON M JLQUIER ACCIÓN
1	PR-CRP-000342 SOLAR LIGHTING ANI ECONSTRUCTION OF SIDE T EMERITO ESTRADA R AVENUE (PR-125)	D WALKS
SAN		ERTO RICO REVISIONS
NO. 1 2 3 4	DESCRIPTION 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS 90% DESIGN DRAWINGS 100% DESIGN DRAWINGS	DATE 12/19/22 02/02/23 05/30/23 09/01/23
DATE	ISSUED:	05/12/23
<u> </u>	EWED BY:	LMR
	WN BY: GNED BY:	AMC LMR
	PROJECT NUMBER:	22019 HEET TITLE

OWNER

P.O. Box 1603 SAN SEBASTIAN, P.R. 00685



1. FOR LEGENDS AND NOTES, REFER TO DWG. C100. REFER TO DWGS. C700 AND C701 FOR DETAILS.

5

NOTE:

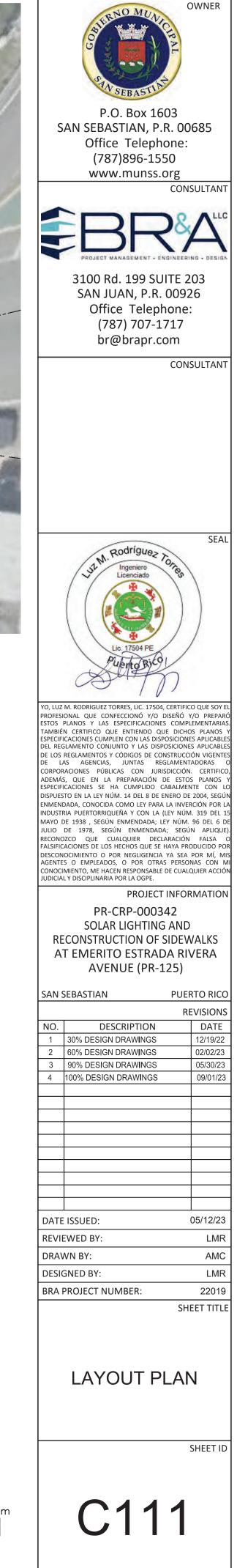




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NOTE:

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1. FOR LEGENDS AND NOTES, REFER TO DWG. C100. REFER TO DWGS. C700 AND C701 FOR DETAILS.





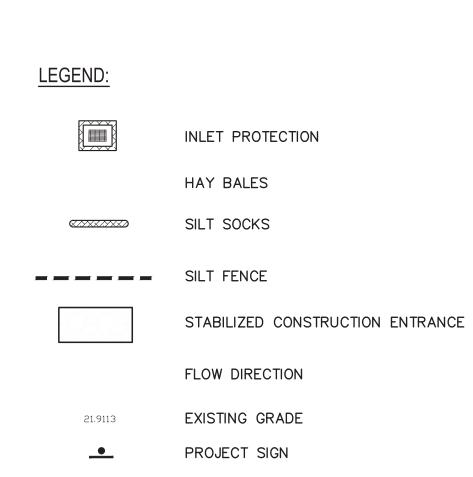


EROSION AND SEDIMENTARION CONTROL PLAN SCALE: 1:200

2

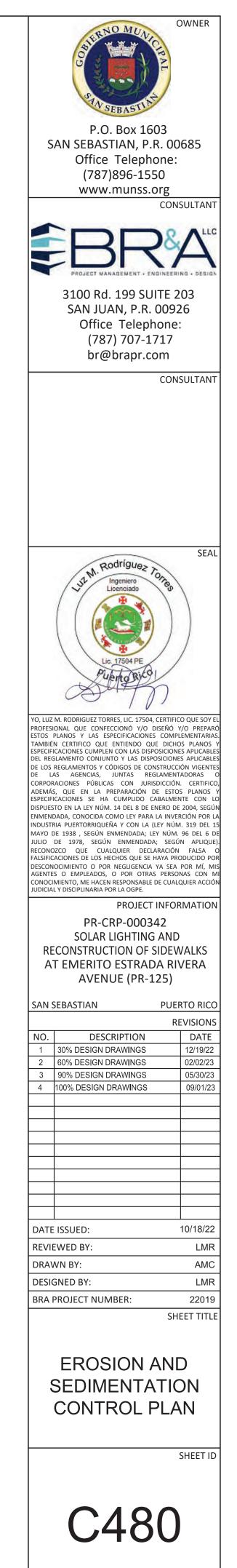
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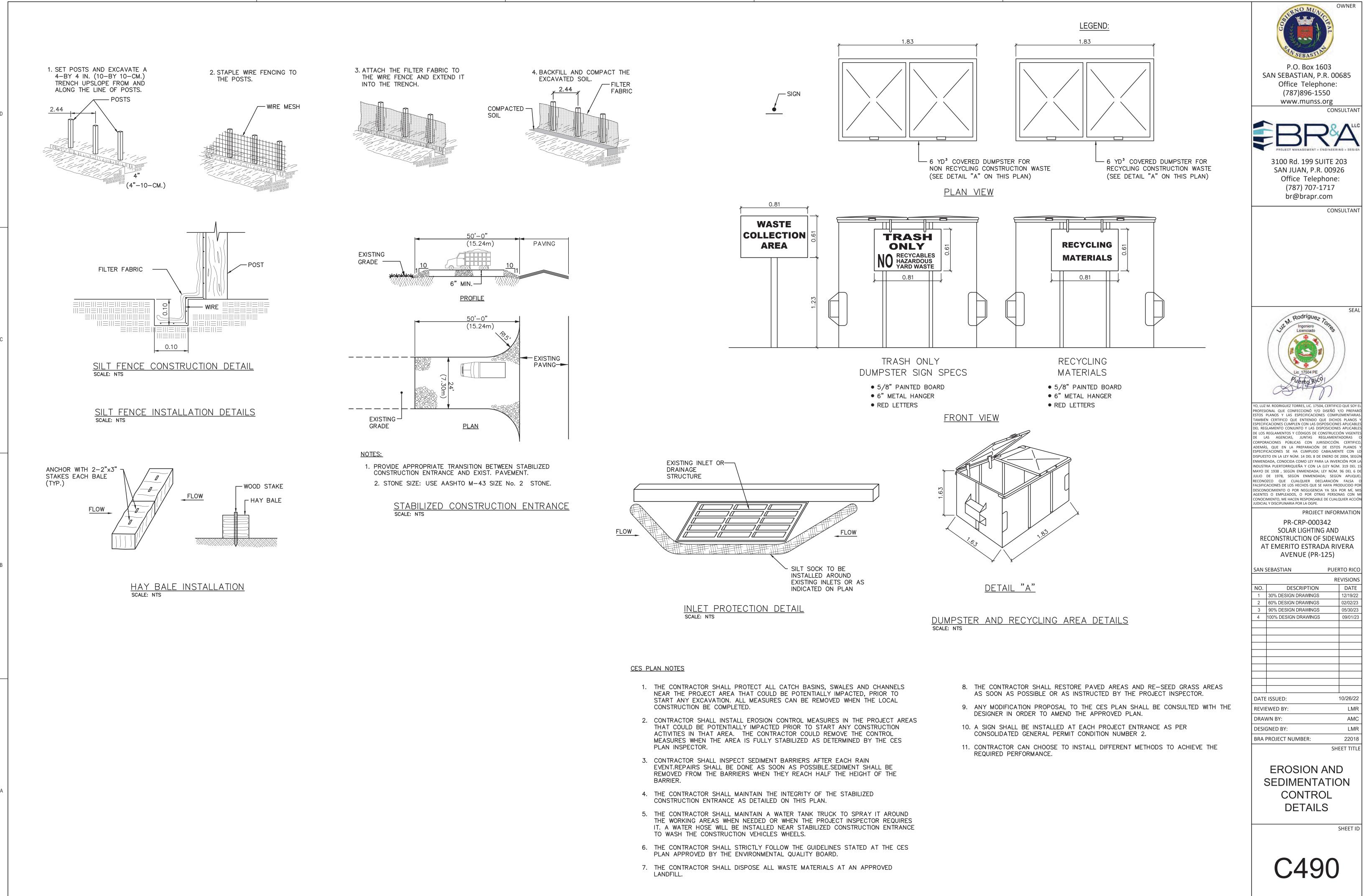
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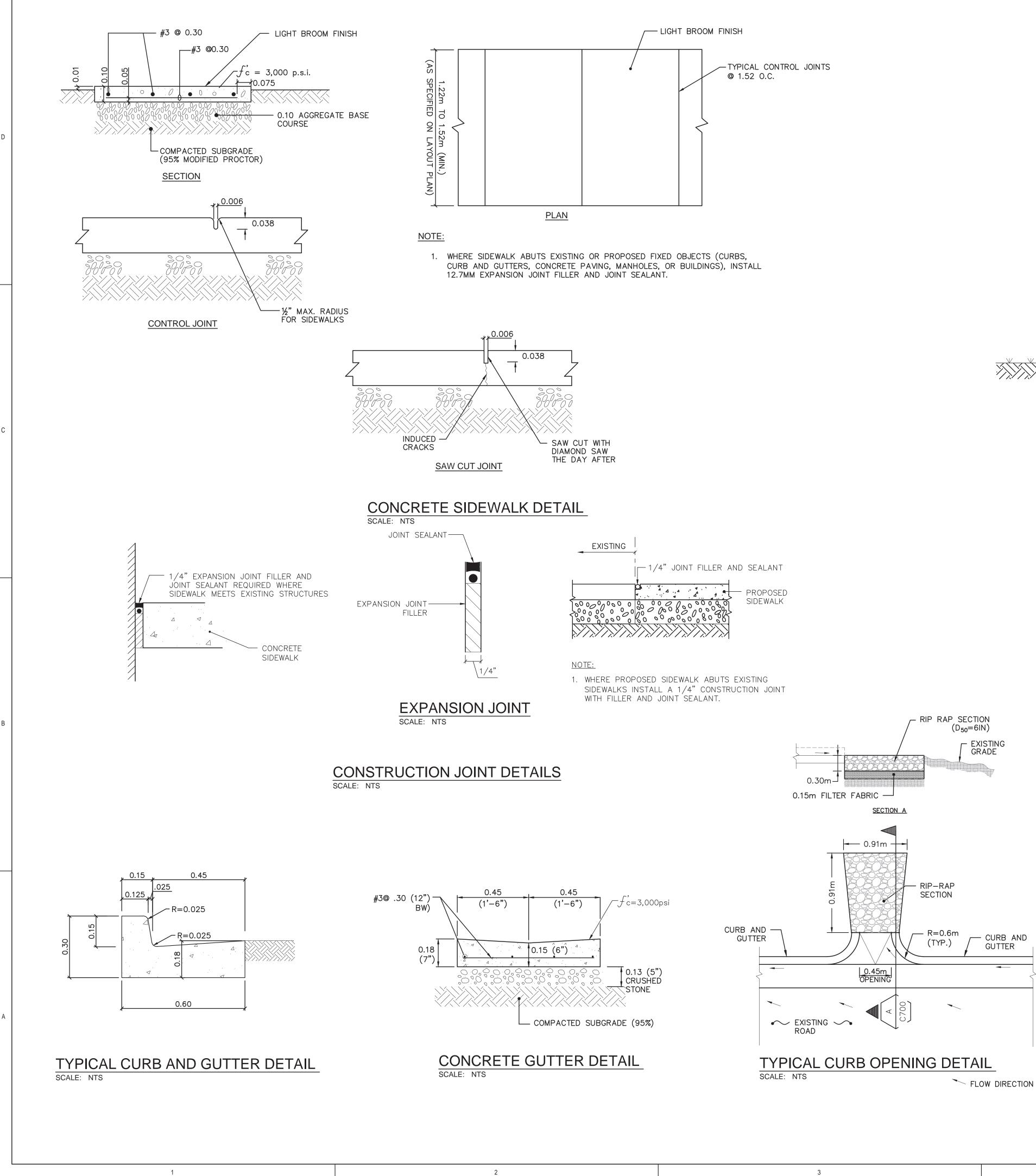


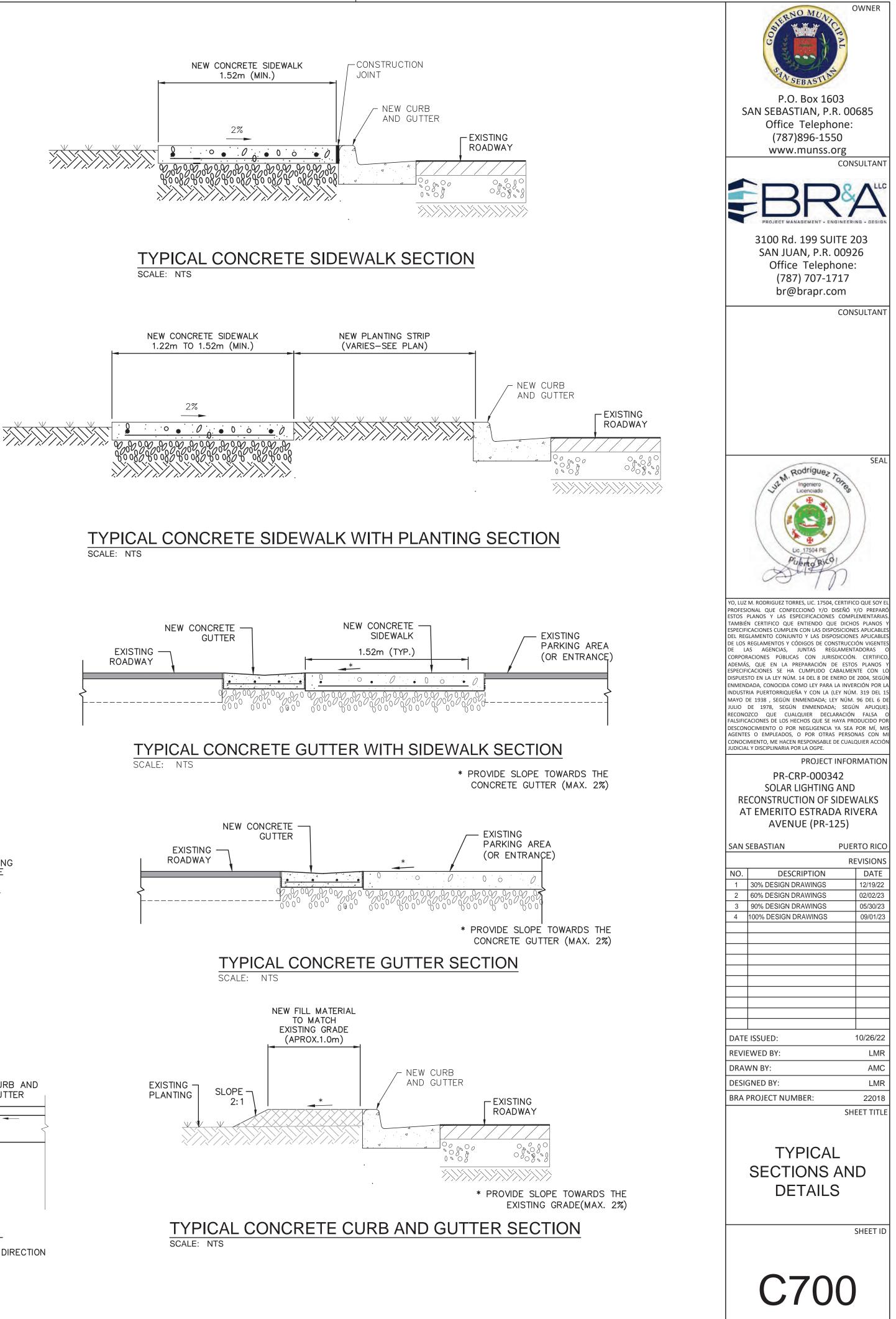
## NOTES:

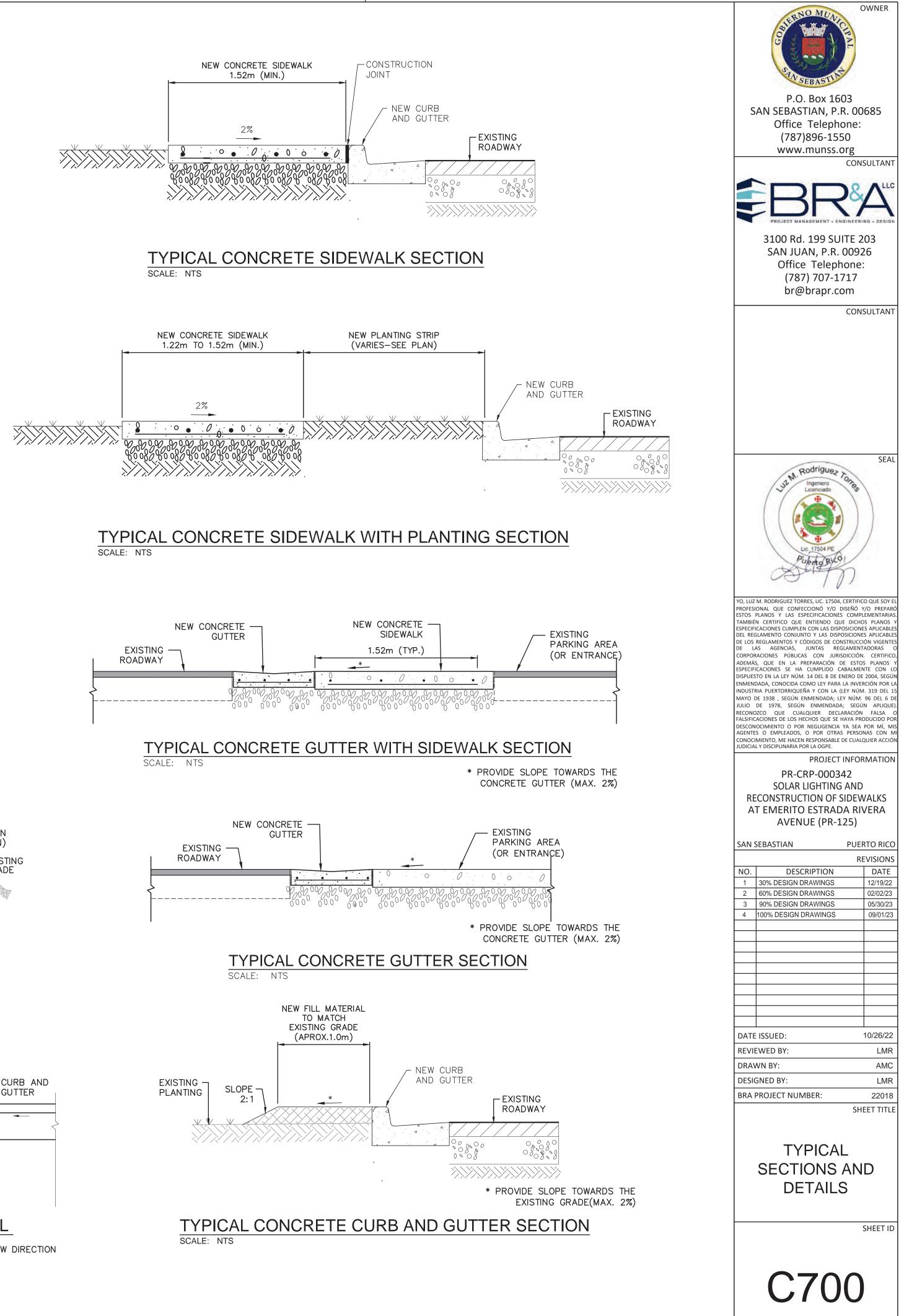
- 1. ALL DIMENSIONS AND ELEVATIONS ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
- 2. FOR EROSION AND SEDIMENT CONTROL DETAILS AND NOTES, REFER TO DWG. C490.
- 3. ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMMENCE WITH ANY DEMOLITION OR EXCAVATION, AND MAINTAINED THROUGHOUT THE DURATION OF THE CONSTRUCTION.
- 4. CONTRACTOR SHALL COORDINATE WITH THE MUNICIPALITY OF SAN SEBASTIAN THE STAGING AREA AVAILABILITY AND ANY AGREEMENT AND CONDITIONS PRIOR TO COMMENCE THE PROPOSED PROJECT.

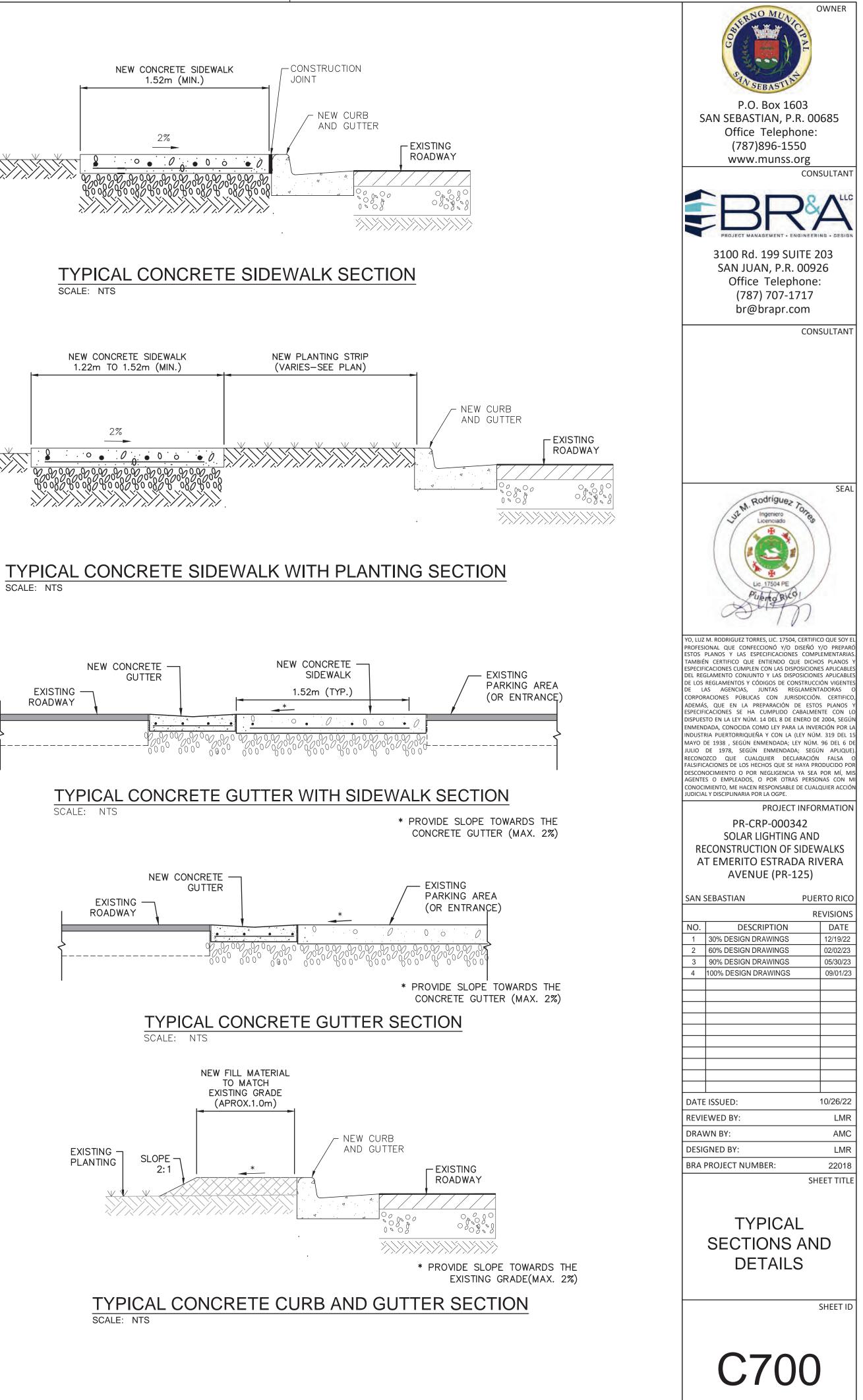


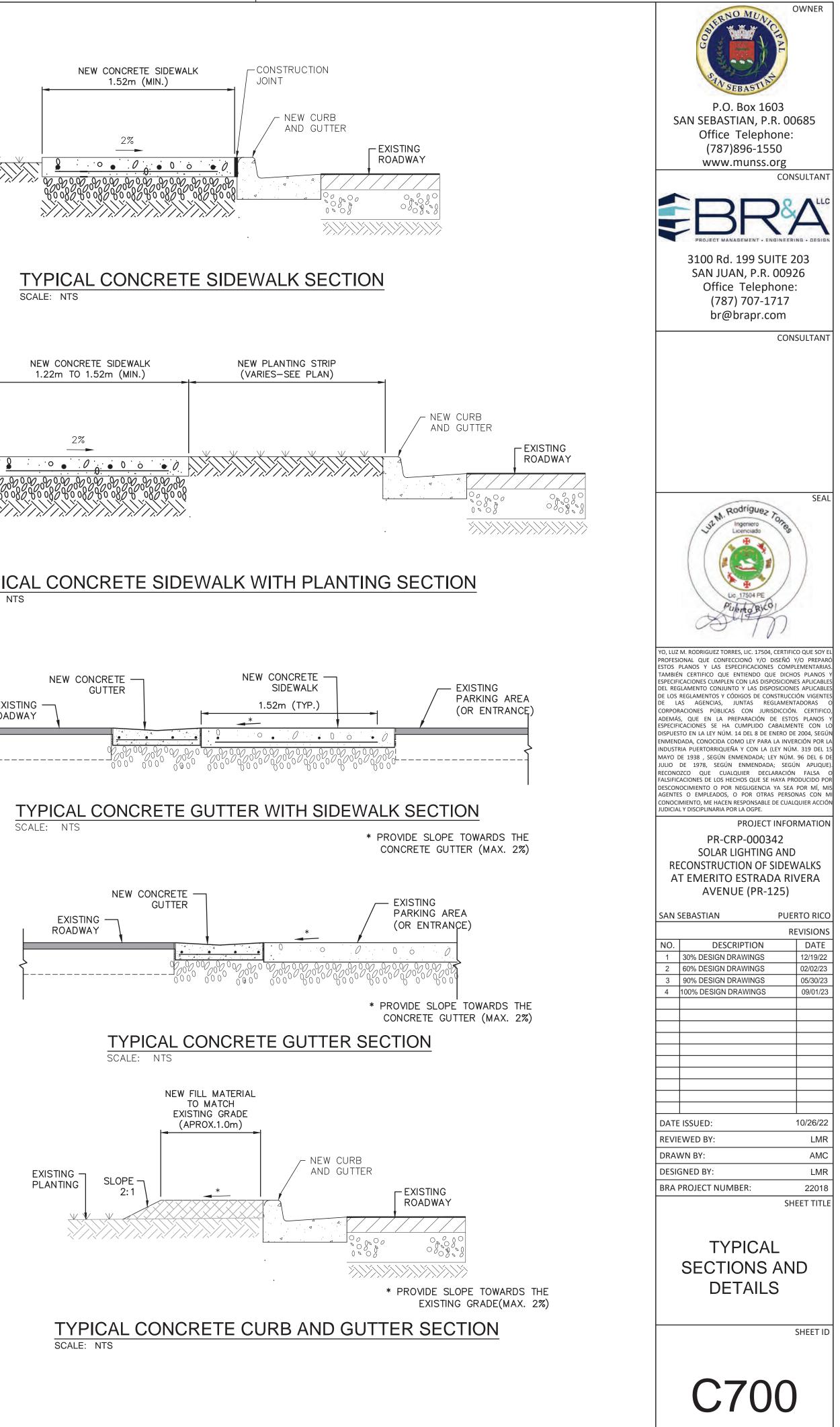


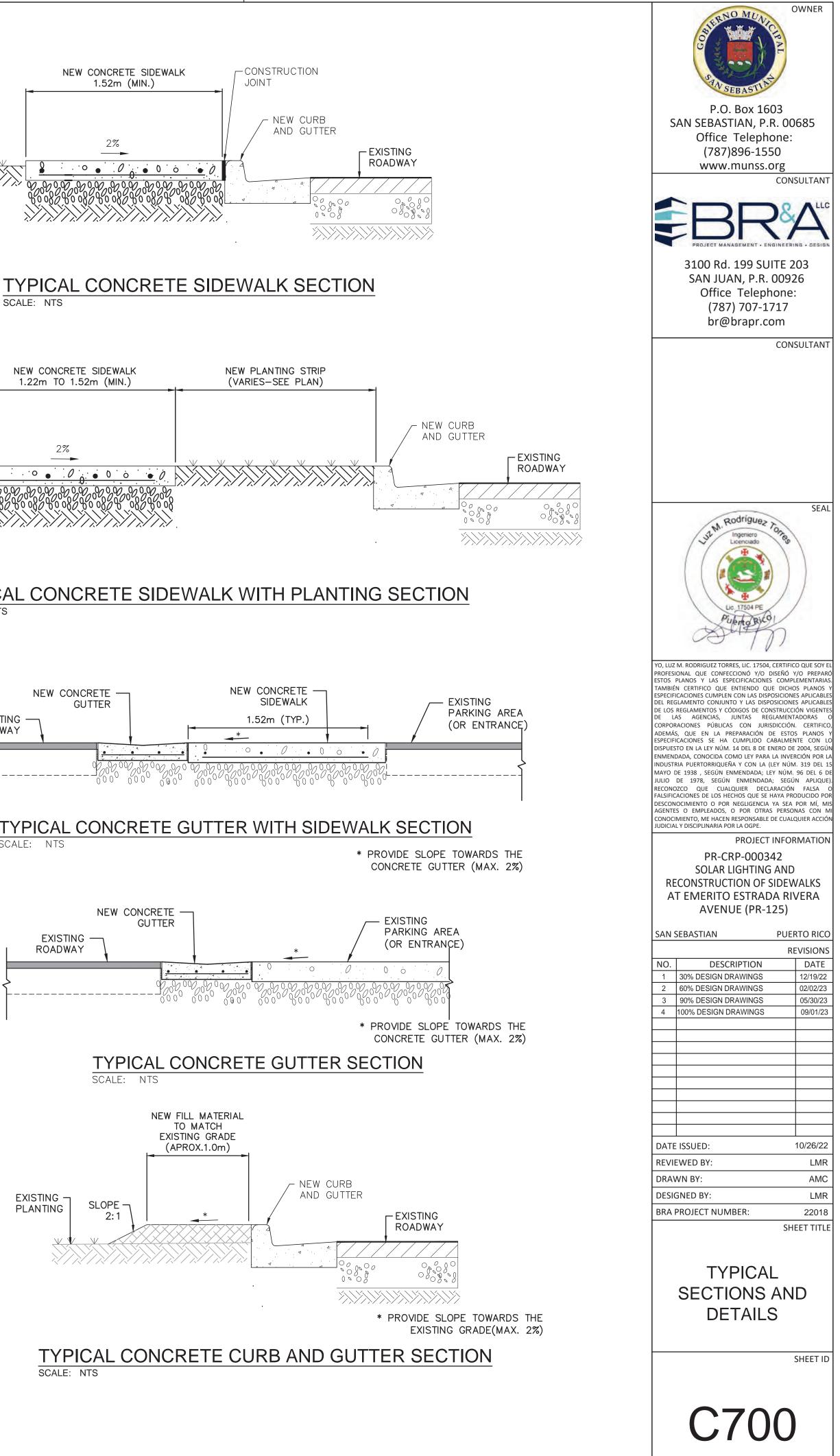


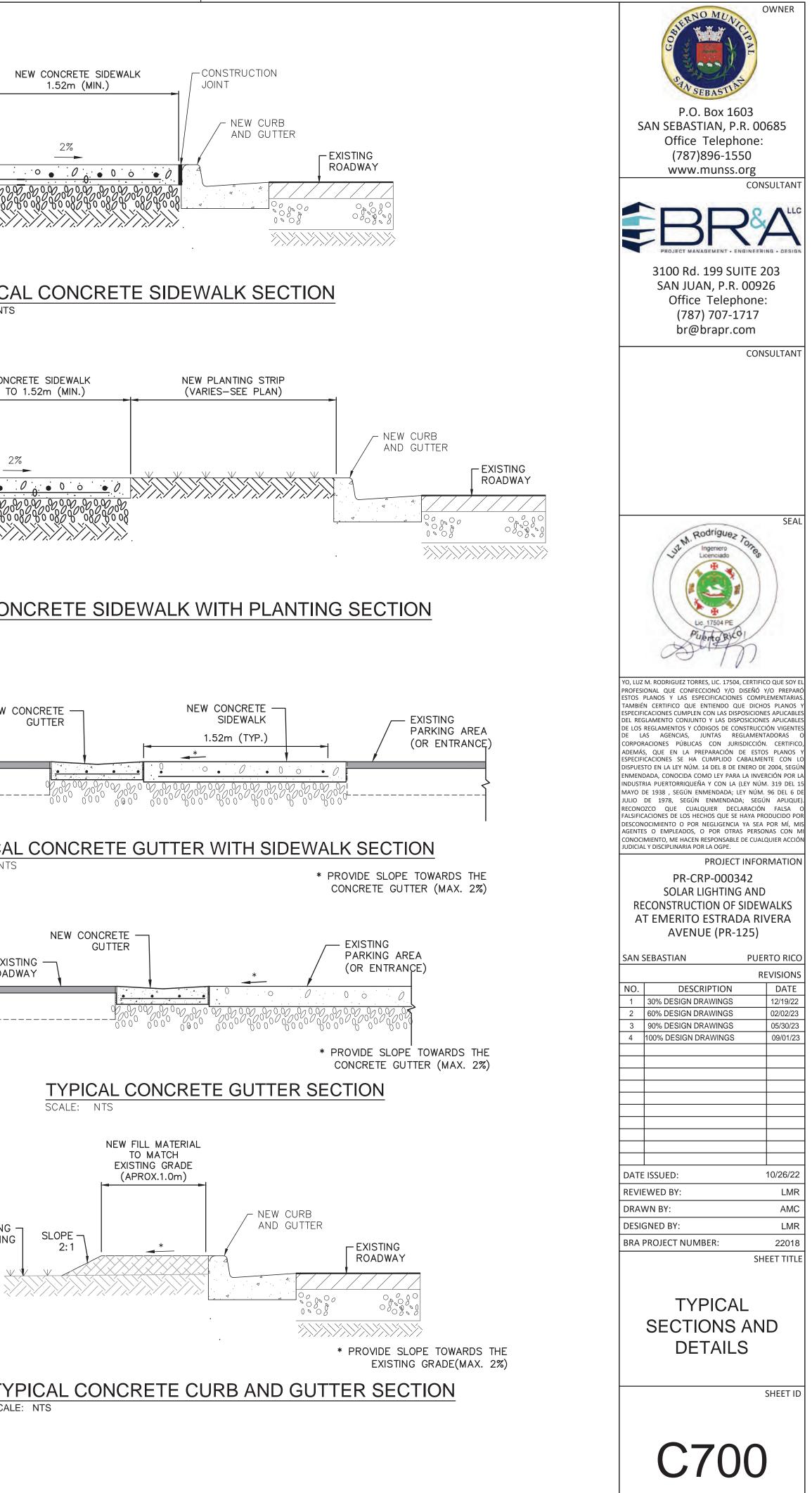


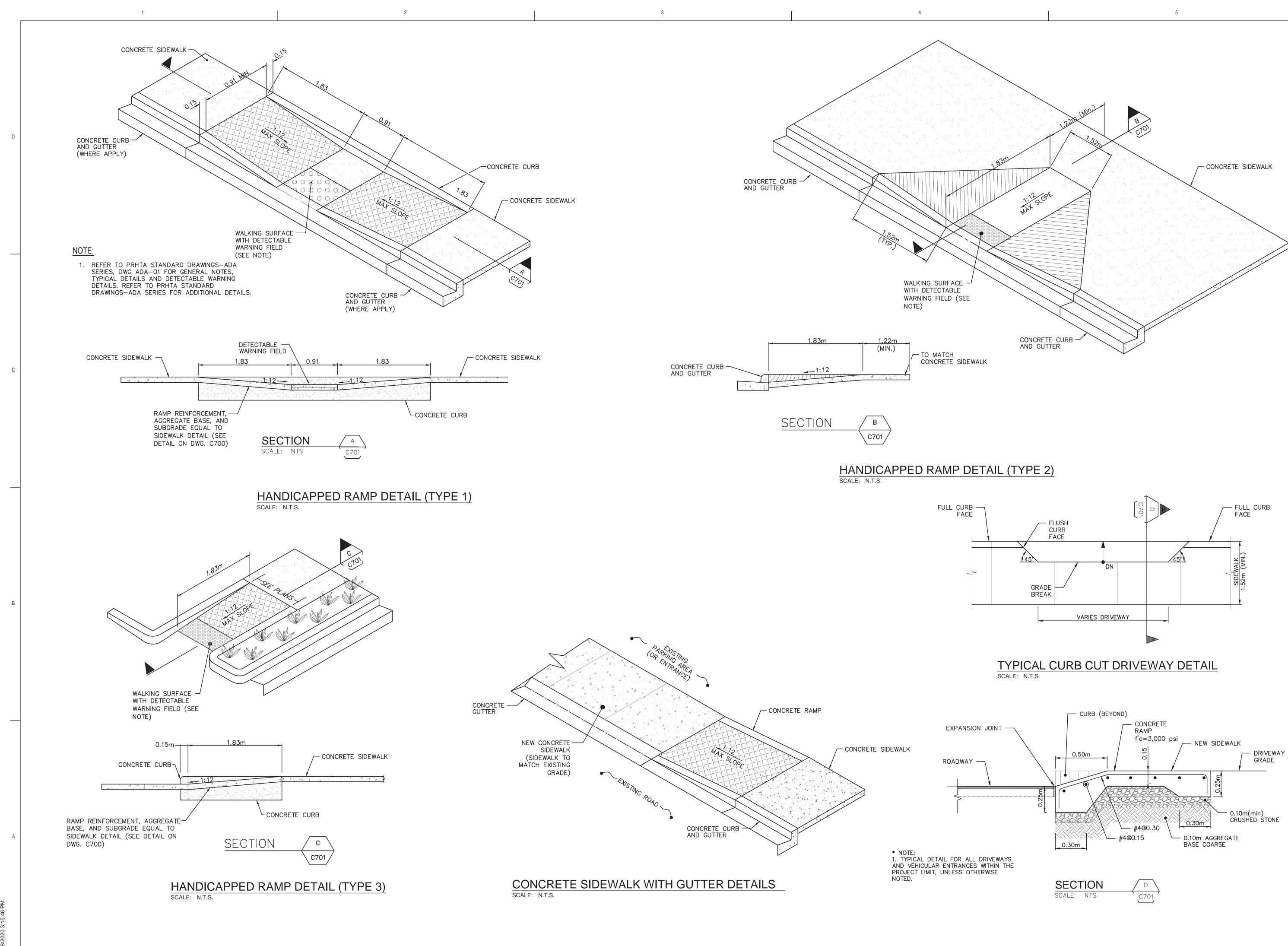




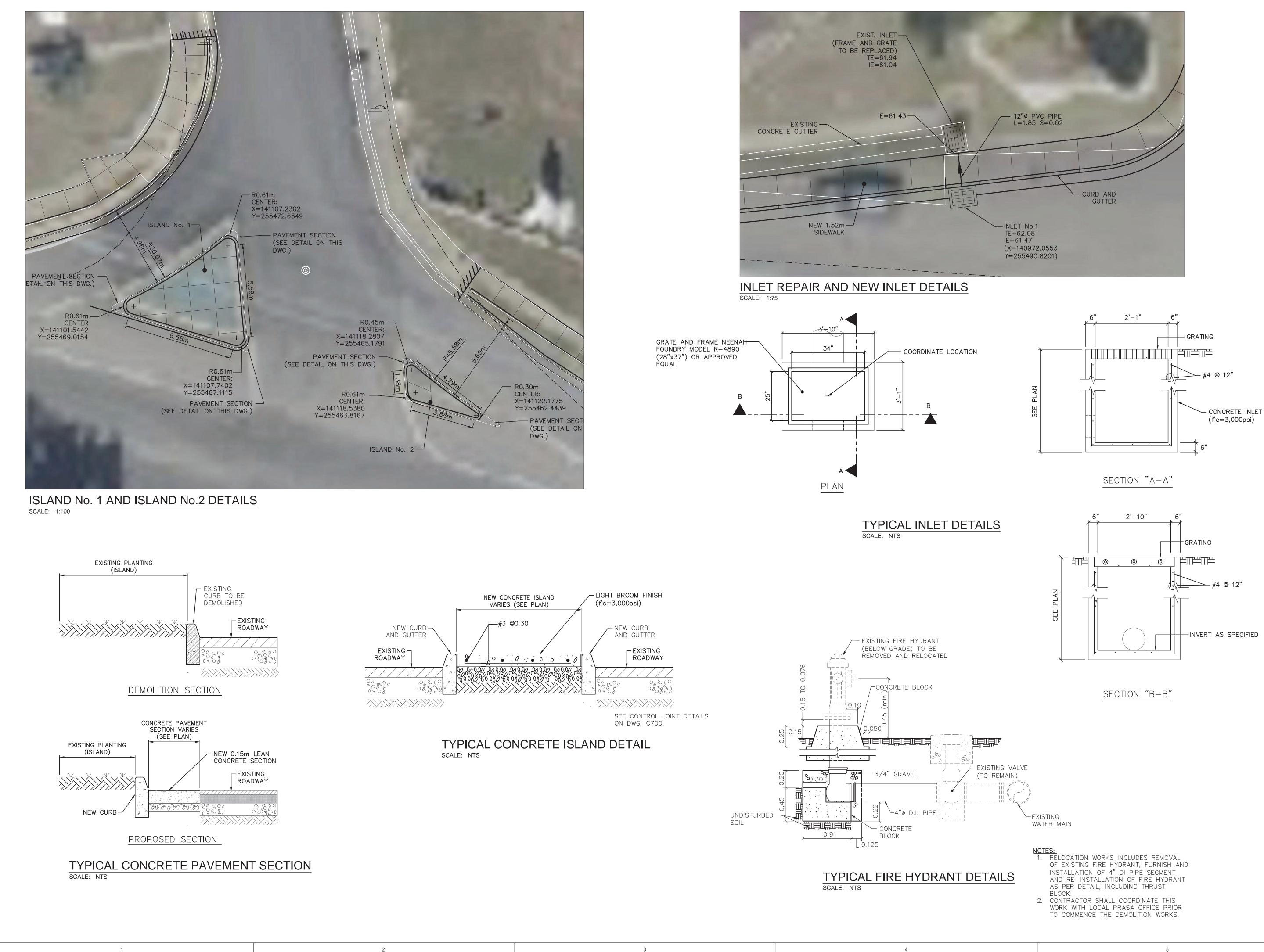


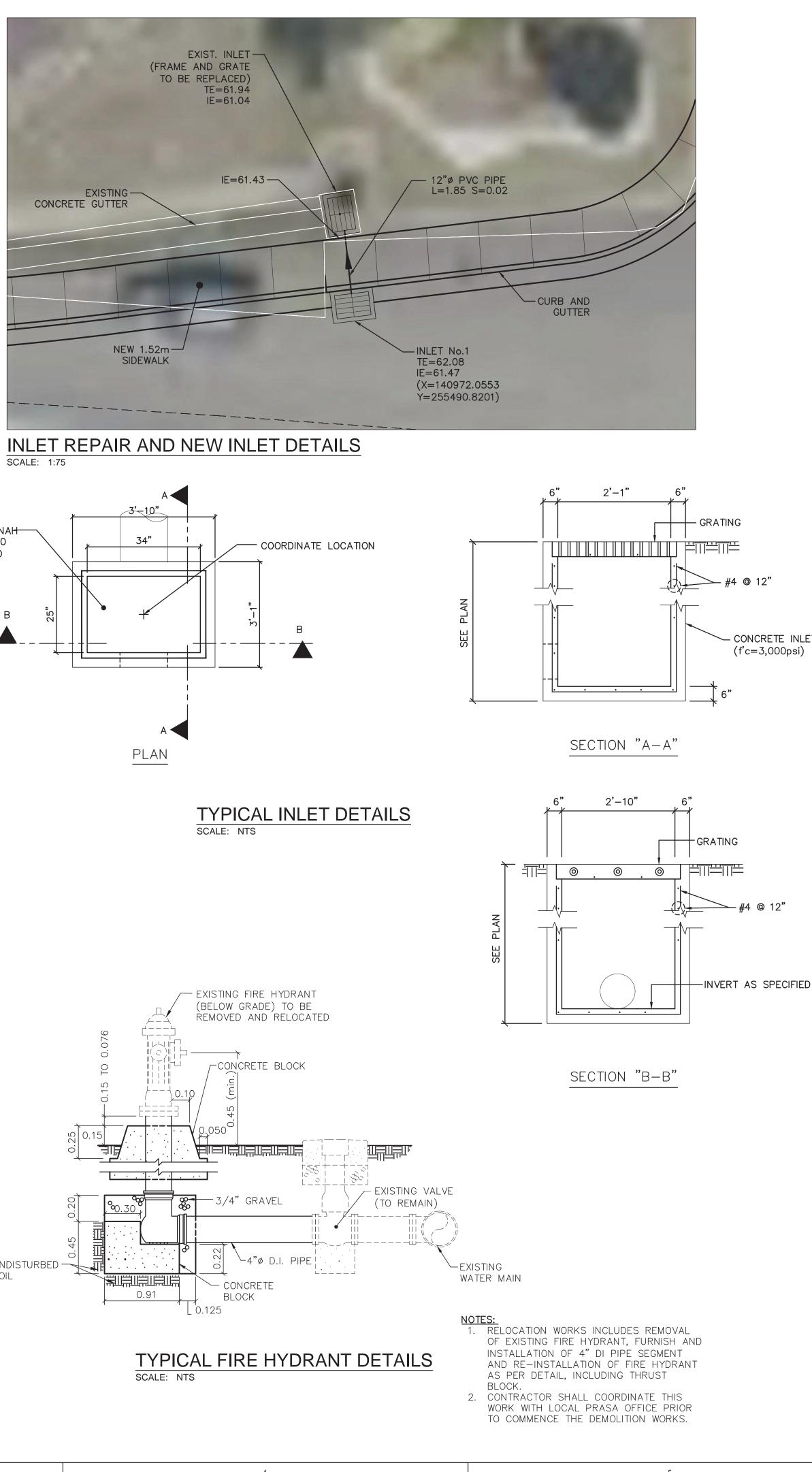






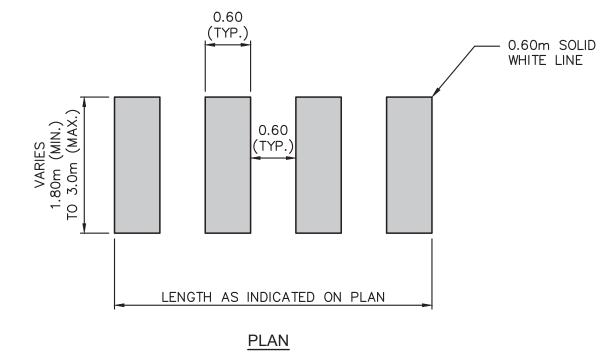








	TRAFFIC SIGNS TABLE							
CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM	
1	1,2,3,4,5,6,7, 8,9,10,11, 12,13,14,15,16, 17,18,19,20,21, 22,23,24,25,26	W11-2 W16-7P		36"X 36" 24"X 12"	N/A	SEE D.T.P.W 2020 MANUAL	26	



2

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## PEDESTRIAN CROSSING SYMBOL SCALE: NTS

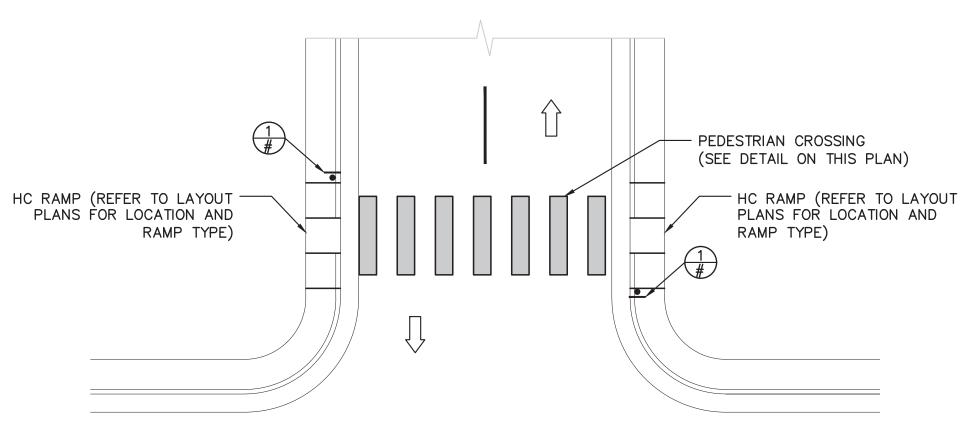
## TRAFFIC SIGNING NOTES:

- 1. REMOVAL AND INSTALLATION OF TRAFFIC SIGNS ARE INCLUDED AS SUBSIDIARY OBLIGATION ON SPEC 613 PAY ITEM.
- 2. NEW TRAFFIC SIGNS SHALL BE IN COMPLIANCE WITH M.U.T.C.D. 2009 AND DPTW MANUAL 2020.
- 3. ALL SIGNS SHALL BE LOCATED OUTSIDE THE ROADWAY PAVEMENT AREA AND ACCORDING TO THE HIGHWAY AND TRANSPORTATION AUTHORITY STANDARD DRAWINGS & SPEC.613 UNLESS INDICATE OTHERWISE IN THE PLANS.

#### PAVEMENT MARKING NOTES:

1

1. ALL PAVEMENT MARKING LINES AND SYMBOLS ARE INCLUDED ON SPEC. 608—THERMOPLASTIC PAVEMENT MARKING STRIPES (WHITE AND YELLOW) AND PAVEMENT MARKING LETTERS AND SYMBOLS PAY ITEMS. ALL PAVEMENT MARKINGS SHALL BE HOT APPLIED REFLECTORIZED THERMOPLASTIC ACCORDING TO SPEC.618.



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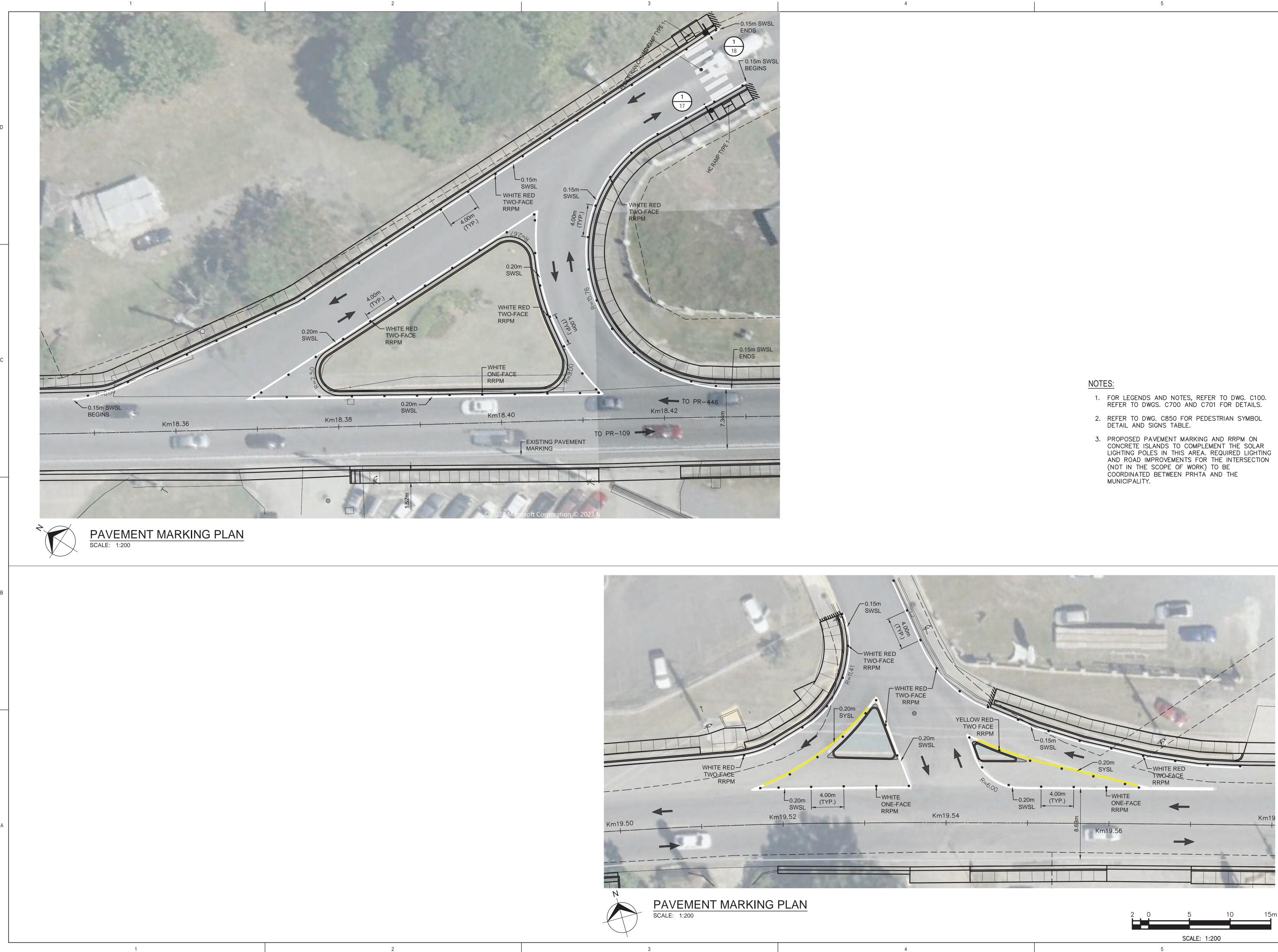
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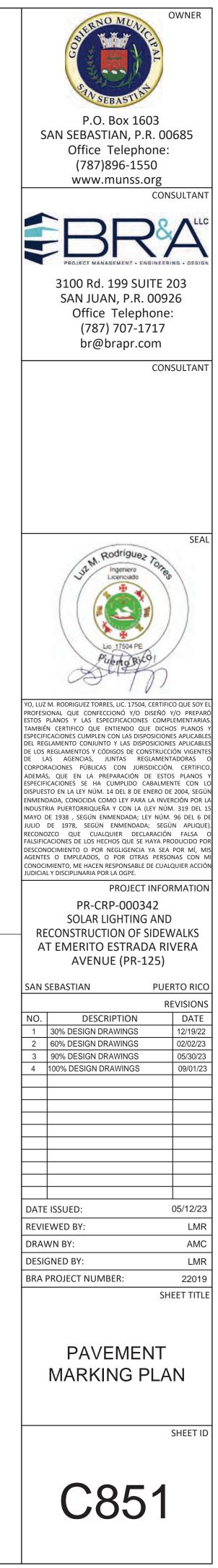
(TWO LANES STREET) TYPICAL PEDESTRIAN CROSSING DETAIL SCALE: NTS

3

OSTERNO MUNICE	
P.O. Box 1603	
SAN SEBASTIAN, P.R. 00 Office Telephone:	
(787)896-1550 www.munss.org	
	ISULTANT
3100 Rd. 199 SUITE 2	
SAN JUAN, P.R. 009 Office Telephone	
(787) 707-1717 br@brapr.com	
CON	ISULTANT
Rodrigues	SEAL
JE M. Rodriguez Tomes	
	)
	/
Lic. 17504 PE PUEnto Bico	/
Sutter	
YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFI PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMP	Y/O PREPARC
TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICH ESPECIFICACIONES CUMPLEN CON LAS DISPOSICION DEL REGLAMENTO CONJUNTO Y LAS DISPOSICION	OS PLANOS Y IES APLICABLES
DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCC DE LAS AGENCIAS, JUNTAS REGLAMEN CORPORACIONES PÚBLICAS CON JURISDICCIÓN	TADORAS ( N. CERTIFICC
ADEMÁS, QUE EN LA PREPARACIÓN DE ESTO ESPECIFICACIONES SE HA CUMPLIDO CABALME DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO D ENMENDADA, CONOCIDA COMO LEY PARA LA INVE	NTE CON LO E 2004, SEGÚI
INDUSTRIA PUERTORRIQUEÑA Y CON LA (LEY NÚI MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM JULIO DE 1978, SEGÚN ENMENDADA; SEGI	M. 319 DEL 1
RECONOZCO QUE CUALQUIER DECLARACIÓN FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA	N FALSA ( RODUCIDO POI POR MÍ, MI
AGENTES O EMPLEADOS, O POR OTRAS PERSO CONOCIMIENTO, ME HACEN RESPONSABLE DE CUAI JUDICIAL Y DISCIPLINARIA POR LA OGPE.	QUIER ACCIÓN
PROJECT INFO	
PR-CRP-000342	RMATION
	)
PR-CRP-000342 SOLAR LIGHTING AND RECONSTRUCTION OF SIDEN AT EMERITO ESTRADA RI	) WALKS
PR-CRP-000342 SOLAR LIGHTING AND RECONSTRUCTION OF SIDEN AT EMERITO ESTRADA RI AVENUE (PR-125)	) WALKS VERA
PR-CRP-000342 SOLAR LIGHTING AND RECONSTRUCTION OF SIDEN AT EMERITO ESTRADA RI AVENUE (PR-125) SAN SEBASTIAN PUE	) WALKS VERA
PR-CRP-000342 SOLAR LIGHTING AND RECONSTRUCTION OF SIDEN AT EMERITO ESTRADA RI AVENUE (PR-125) SAN SEBASTIAN PUE	) VALKS VERA RTO RICO EVISIONS
PR-CRP-000342 SOLAR LIGHTING AND RECONSTRUCTION OF SIDEN AT EMERITO ESTRADA RI AVENUE (PR-125) SAN SEBASTIAN PUE R NO. DESCRIPTION 1 30% DESIGN DRAWINGS	) VALKS VERA RTO RICO EVISIONS DATE 12/19/22
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GENERAL MAINTENANCE OF TRAFFIC NOTES.

- 1. NO WORK OTHER THAN MOBILIZATION, TRAFFIC CONTROL, AND PROJECT FIELD OFFICE, SHALL BE PERFORMED UNTIL THE PROGRESS SCHEDULE IS APPROVED BY THE ENGINEER
- 2. ALL TEMPORARY CONTROL DEVICES SHALL COMPLY WITH THE SUPPLEMENTAL SPECIFICATION NUMBER 638-"MAINTENANCE AND PROTECTION OF TRAFFIC" OF SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PRHTA 2005 EDITION.
- 3. EQUIPMENT MATERIALS AND OTHER DEVICES USED FOR CONSTRUCTION SHALL BE REMOVED FROM THE ROADWAY AFTER WORK HOURS AND SHALL BE STAGED A MINIMUM DISTANCE of 10 MTS FROM THE TRAVEL WAY.
- 4. PLASTIC DRUM SPACING SHALL BE 2.5 METERS.
- 5. ANY ALTERATION TO THE SCHEDULE THAT MAY IMPROVE TRAFFIC OPERATIONS WITHIN THE CONSTRUCTION AREA, IN ACCORDANCE TO THE CURRENT MUTCD(2009) AND WITH NO ADDITIONAL COST TO THE AUTHORITY, SHALL BE SUBMITTED TO THE ENGINEER AT LEAST TWENTY ONE (21) CALENDAR DAYS IN ADVANCE TO THE PROPOSED DATE OF IMPLEMENTATION FOR REVIEW. IF THE PROPOSED ALTERATION IS APPROVED IT SHALL BE IMPLEMENTED AS DIRECTED BY THE ENGINEER.
- 6. THE CONTRACTOR CAN PERFORM, WITH THE APPROVAL OF THE ENGINEER, SEVERAL SIMULTANEOUS ACTIVITIES WITHIN A STAGE, AND AS PERMITTED BY THE CONTRACT PROPOSAL QUANTITIES ON THE TRAFFIC CONTROL LIMITS.
- 7. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER THE INSTALLATION OF TEMPORARY TRAFFIC CONTROL DEVICES FOR EACH PHASE AT LEAST FOURTEEN (14) CALENDAR DAYS IN ADVANCE FOR THE RELEASE OF PUBLIC NOTICE. THE CONTRACTOR SHALL NOT COMMENCE ANY OF THE CONSTRUCTION PHASES WITHOUT A PUBLIC NOTICE IS ISSUED OR WITHOUT DIRECT CONSENT OF THE ENGINEER.
- 8. THE CONSTRUCTION SIGNS INSTALLATION SHOULD BE IN ACCORDANCE TO THE TEMPORARY TRAFFIC SIGNS MOUNTING DETAILS IN THE STANDARD DRAWINGS.
- 9. THE CONTRACTOR SHALL PAINT FURNISH TEMPORARY TRAFFIC CONTROL DEVICES THAT MEET NCHRP 350 CRITERIA FOR THE APPLICABLE CRASHWORTHINESS STANDARD.
- 10. ALL TRAFFIC CONTROL SIGNS DETERMINED BY THE ENGINEER TO BE UNNECESSARY FOR THE APPLICABLE CONSTRUCTION TYPICAL APPLICATION SHALL BE IMMEDIATELY COVERED IN ITS ENTIRETY WITH NO ABRASIVE MATERIAL AND SHALL BE INSPECTED DURING DAY AND NIGHT TO ENSURE THAT THE SIGN IS NOT READABLE. THIS WORK IS A SUBSIDIARY OBLIGATION OF THE CONTRACTOR UNDER CONTRACT PAY ITEMS.
- 11. ALL TRAFFIC CONTROL CHANNELIZING DEVICES DETERMINED BY THE ENGINEER TO BE UNNECESSARY FOR THE APPLICABLE CONSTRUCTION TYPICAL APPLICATION SHALL BE IMMEDIATELY REMOVE. THIS WORK IS A SUBSIDIARY OBLIGATION OF THE CONTRACTOR UNDER CONTRACT PAY ITEMS.
- 12. DURING THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE ALL THE NECESSARY PRECAUTIONS AND MEASURES TO AVOID FALLING DEBRIS, TOOLS, EQUIPMENT OR ANY OTHER MATERIALS INTERFERE OR IMPACT THE MOTORING PUBLIC IN THE ROADWAY. ALL THE MATERIALS, LABOR EQUIPMENT AND WORK NECESSARY FOR IMPLEMENTING THIS REQUIREMENT IS SUBSIDIARY OBLIGATION OF THE CONTRACT UNDER EXISTING PAY ITEM.
- 13. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO ADJACENT PROPERTIES DURING CONSTRUCTION. THIS WORK WILL REQUIRE COORDINATION WITH BUSINESS AND PRIVATE OWNERS. ALL THE MATERIALS, LABOR, EQUIPMENT AND WORK NECESSARY FOR IMPLEMENTING THIS REQUIREMENT IS SUBSIDIARY OBLIGATION OF THE CONTRACTOR UNDER CONTRACT PAY ITEMS.
- 14. IN CASE THAT THE WORKS AFFECT THE EXISTING LUMINARY THE CONTRACTOR SHALL PROVIDE ADEQUATE ILLUMINATION IN THE AFFECTED AREA BUT THE GLARE OF THE SAME SHOULD NOT AFFECT THE VISIBILITY OF THE DRIVERS.
- 16. NO EXCAVATION AND/OR PAVEMENT DROP-OFF SHALL REMAIN OPEN WITHIN THE TRAVELED WAY WHEN THE CONTRACTOR OR ITS PERSONNEL IS NOT WORKING AND PHYSICALLY PRESENT AT THE WORK SITE.
- 17. NO OBSTRUCTIONS CAUSED BY EQUIPMENT, PERSONNEL AND MATERIALS SHALL BE ALLOWED.
- 18. WORK ON ROAD PR-125 SHALL BE COORDINATED WITH THE DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS REGIONAL OFFICE.
- 19. WHEN PERFORMING EXCAVATION ADJACENT TO ACTIVE ROADWAYS, ROADWAY USERS SHALL BE PROPERLY PROTECTED.
- 20. COST OF FLAGGER WILL BE A SUBSIDIARY OBLIGATION, UNDER SPECIFICATION 638, MAINTENANCE AND PROTECTION OF TRAFFIC, PAY ITEM: CONSTRUCTION SIGNS.
- 21. PRHTA RESERVES THE RIGHT TO STOP THE CONTRACTOR'S WORK AT ANY TIME, IF THE CONTRACTOR DOES NOT COMPLY WITH THE MAINTENANCE OF TRAFFIC (MOT) AND SAFETY REGULATIONS.

#### CONSTRUCTION SCHEDULE:

- 1. NO WORK OTHER THAN MOBILIZATION, TRAFFIC CONTROL, AND PROJECT FIELD OFFICE, SHALL BE PERFORMED UNTIL CONSTRUCTION SCHEDULE IS EVALUATED AND APPROVED BY PROJECT ENGINEER, IN ORDER TO MAINTAIN TRAFFIC FLOW WITH "THE LEAST POSSIBLE INTERFERENCE FROM CONSTRUCTION OPERATIONS".
- 2. TYPICAL APPLICATIONS ARE SUBMITTED FOR THE TEMPORARY TRAFFIC CONTROL ACTIVITIES FOR A VARIETY OF SITUATIONS COMMONLY ENCOUNTERED. IT IS REQUIRED FROM THE ENGINEER TO ADJUST THESE GUIDELINES TO FIELD CONDITIONS.
- 3. SPECIFIC SITUATIONS NOT COVERED BY THESE APPLICATIONS SHALL BE BROUGHT UP TO THE ENGINEER FOR APPROPRIATE DIRECTION AND CLARIFICATION 10 DAYS BEFORE THE BEGINNING OF THE CONSTRUCTION WORK IN THAT AREA.

#### CONSTRUCTION:

- 1. IMPLEMENT THE WORK ZONE TEMPORARY TRAFFIC CONTROL IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC INDICATED ON THE PLANS.
- 2. THE DETAILS SHOWN SHALL BE USED IN BOTH DIRECTIONS

1

#### TRAFFIC:

1. THE TRAFFIC WILL BE FLOWING AS INDICATED ON THE MAINTENANCE OF TRAFFIC USED FOR THE CONSTRUCTION AREA.

- 2. ALL WORK TO BE PERFORMED SHALL BE COORDINATED WITH THE TRAFFIC ENGINEERING OFFICE PERSONNEL
- 3. ALL ACTIVITIES PROPOSED FOR THE PROJECT THAT AFFECT THE NORMAL FLOW OF TRAFFIC, SHALL BE COORDINATED WITH ALL PROJECTS THAT ARE WITHIN A COVERAGE RADIUS OF TWO MILES OF THE WAY THAT THEY DO NOT AFFECT EACH OTHER.
- 4. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER THE ACCESS POINTS FOR CONSTRUCTION VEHICLES. INSTALL SIGN W8-6A(PR) (TRUCK CROSSING - 36" X 36") TO ALERT ROAD USERS OF LOCATIONS WHERE UNEXPECTED TRAVEL BY CONSTRUCTION VEHICLES MIGHT OCCUR.



NIGHTTIME CONSTRUCTION NOTES (WHEN APPROVED).

- 1. NIGHTTIME CONSTRUCTION SHALL ONLY BE PERMITTED BETWEEN THE HOURS OF 8:00 PM AND 5:00 AM, MONDAY THROUGH THURSDAY, PRIOR APPROVAL OF PRHTA ENGINEER. (FOR PHASE 2B, NIGHTTIME CONSTRUCTION APPLIES FOR ALL DAYS)
- 2. THE CONTRACTORS VEHICLES SHALL BE EQUIPPED WITH ROTATING AMBER LIGHTS WHEN IN USE ON THE ROADWAY DURING NIGHT WORK.
- 3. LIGHTING SHALL BE PROVIDED FOR NIGHTTIME OPERATIONS.
- LANE CLOSURES SHALL BE STARTED AT LOCATIONS PROVIDING OPTIMUM VISIBILITY.
- 5. FLAGGERS SHALL BE STATIONED AT AREAS THAT ARE BRIGHTLY ILLUMINATED BY TEMPORARY FLOODLIGHTS OR ROADWAY LIGHTING. VEHICLE LIGHTS ARE NOT ACCEPTABLE FOR FLAGGER STATION ILLUMINATION.
- 6. NIGHTTIME CONSTRUCTION ACTIVITY WILL NOT BE ALLOWED FRIDAY THROUGH SUNDAY.
- 7. TEMPORARY LIGHTING REQUIRED FOR NIGHTTIME CONSTRUCTION WORKS WILL BE A SUBSIDIARY OBLIGATION UNDER SPECIAL PROVISION 938 LIGHTING FOR NIGHTTIME CONSTRUCTION.

NOTES.

- 1. WORK ACTIVITIES SHALL NOT OCCUR DURING PEAK HOURS.
- 2. PEAK HOUR FOR THIS PROJECT ARE:

 MONDAY TO THURSDAY BETWEEN 7:00AM AND 8:00AM AND BETWEEN 3:00PM TO 5:00PM - FRIDAYS BETWEEN 7:00AM TO 8:00AM AND BETWEEN 3:00PM TO 7:00PM

#### **RECOMMENDED DISTANCE BETWEEN SIGNS**

ROAD TYPE/VELOCITY	DISTANCE BETWEEN SIGNS					
	А	В	С			
ESPRESSWAY/FREEWAY	300m	450m	800m			
RURAL SEGMENTS 35 MPH < V < 45MPH	150m	150m	150m			
<= 35 MPH	75m	75m	75m			

	MPH	12'=3.65 Mts. L = (Mts.)	11'=3.35 Mts. L = (Mts.)	10'=3.05 Mts. L = (Mts.)	
	<25	38	35	30	
	30	55	50	46	
TAPER	35	75	70	63	
LENGHT (L) FOR TWO	40	98	90	82	
LANES ROAD	45	165	151	137	
	50	183	168	152	
	55	201	185	168	
	60	220	202	183	
	65	238	218	199	

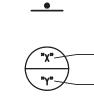
	MPH	BUFFER (Mts.)
	<25	47
	30	61
	35	76
BUFFER SPACE	40	93
DOITER SI ACE	45	110
	50	130
	55	151
	60	174
	65	197

GENERAL SIGNING GUIDELINES: \*POSTED SPEED 25 MPH AND 35 MPH

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MOT IMPLEMEI 1. PROJECT 2. INSTALLA 3. INSTALLA
NEW SIDEWALI 1. DEMOLITI 2. CONSTRU 3. INSTALLA
NEW TRAFFIC 1. INSTALLA 2. REMOVAL 3. INSTALLA

2

LEGEND:









TRAFFIC FLOW

TRAFFIC SIGN LOCATION

CODE NUMBER

PLASTIC DRUMS

FLAGGER TYPE 3 BARRICADE

> ADVANCED WARNING FLASHING DISPLAY



OWNER

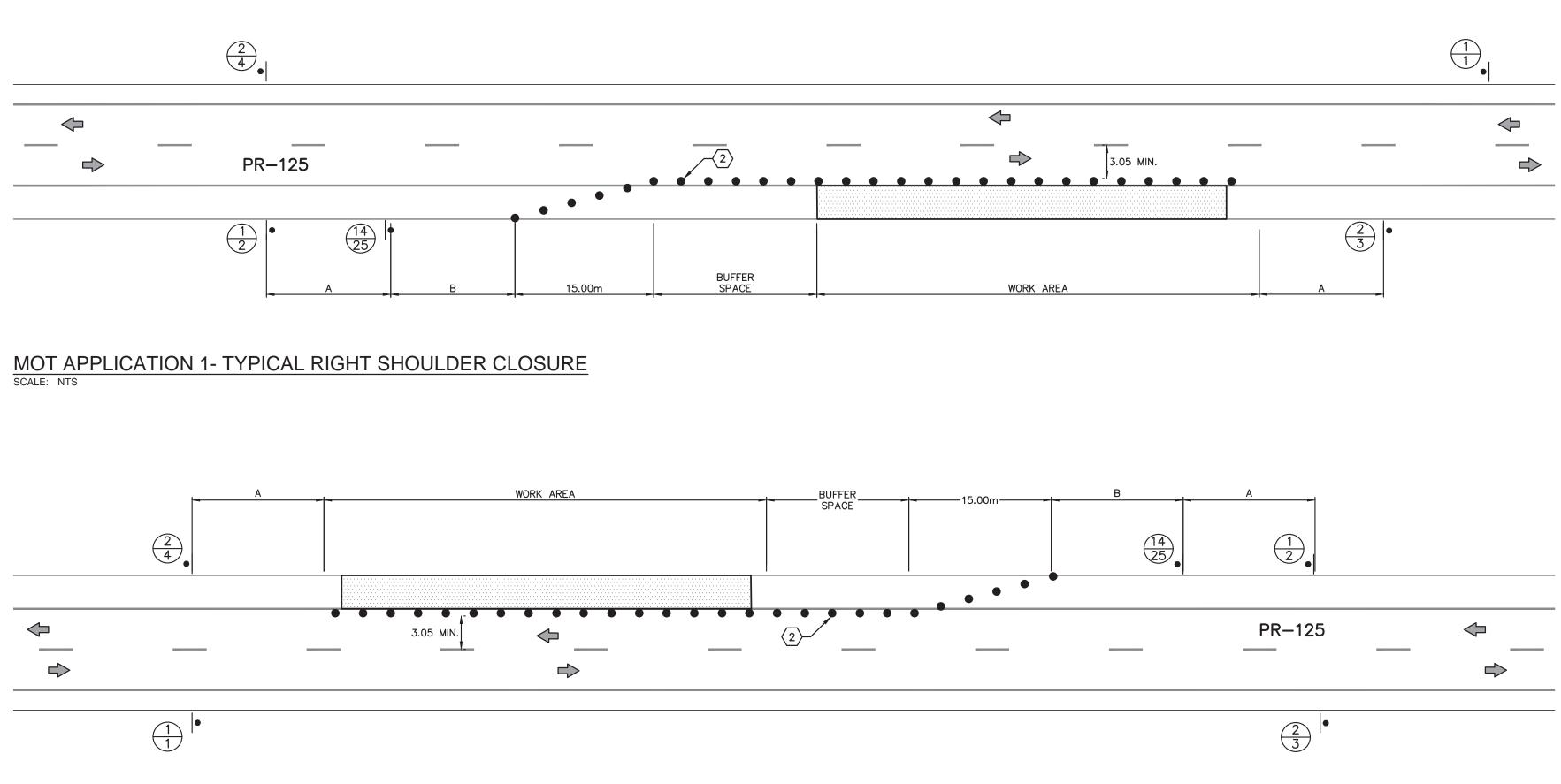
CONSULTANT

CONSULTANT

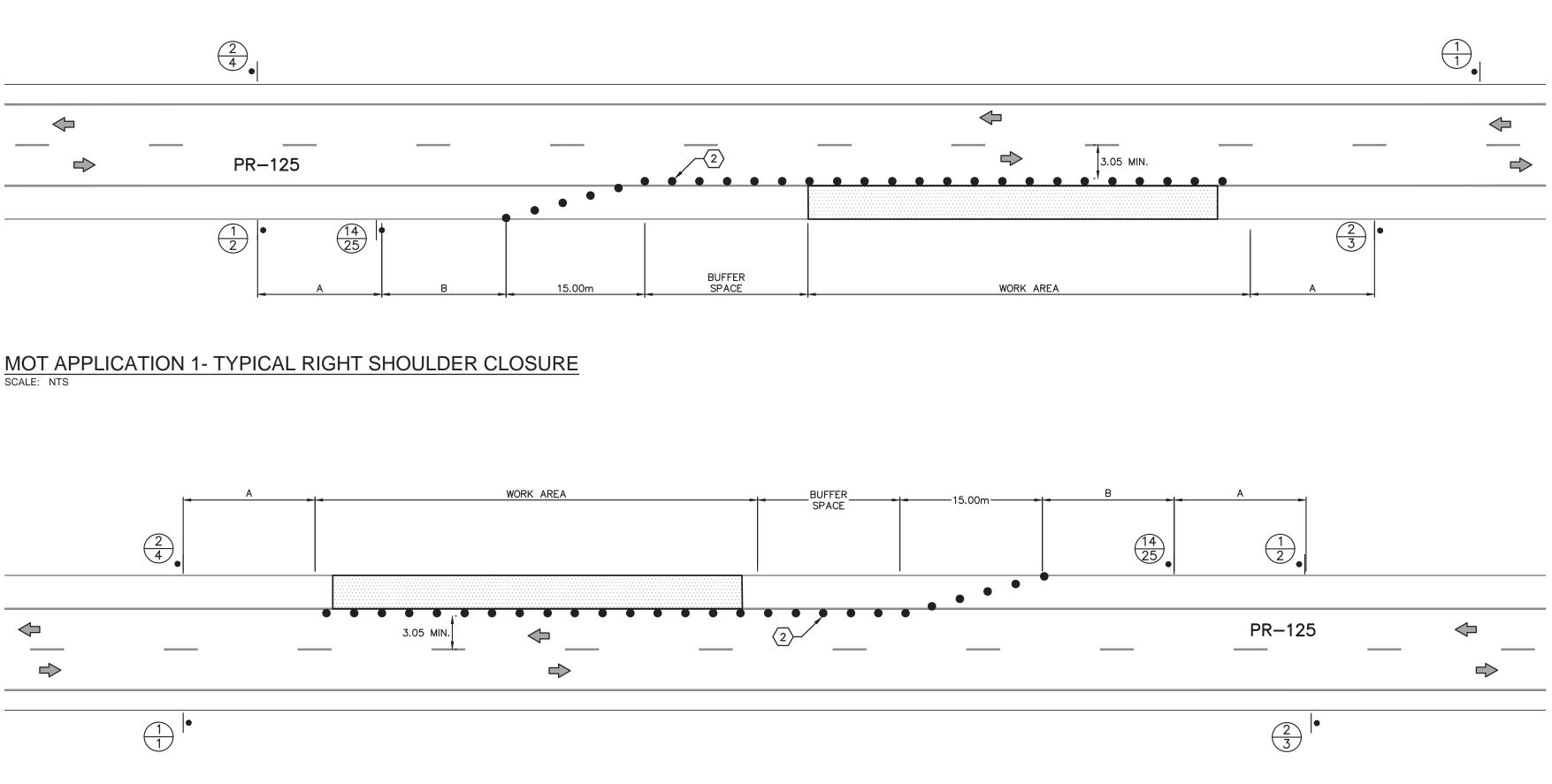
NSTRUCTION SCHEDULE TABL	E	
CTIVITY TYPE DESCRIPTION	MOT APPLICATION	WORKING HOURS
TATION SIGN INSTALLATION TON OF TEMPORARY CONSTRUCTION SIGNS TON OF DRUMS	APPLICATION I, II	(WEEKDAYS, DURING OFF-PEAK HOURS) 8AM TO 3PM & 8PM TO 5AM
AND RAMPS N OF EXISTING SIDEWALKS (WHERE APPLIES) CTION OF NEW SIDEWALK (WHERE APPLIES) TION OF NEW SOLAR LIGHTING POLES	APPLICATION I, II, III	(WEEKDAYS, DURING OFF-PEAK HOURS) 8AM TO 3PM
SIGNING AND PAVEMENT MARKING TON OF NEW TRAFFIC SIGNS OF EXISTING PAVEMENT MARKINGS TON OF NEW PAVEMENT MARKINGS	APPLICATION I, II, III	(WEEKDAYS, DURING OFF-PEAK HOURS) 8AM TO 3PM

THE PROJECT WILL BE IMPLEMENTED BY THE PHASES SHOWN ON THIS TABLE. THE CONTRACTOR WOULD DEVELOP A CONSTRUCTION SCHEDULE FOR THE EVALUATION AND APPROVAL OF THE PROJECT ENGINEER CONSIDERING THE ORDER OF THE PHASES. THE CONTRACTOR CAN MODIFY THAT ORDER BY PRESENTING RECOMMENDATIONS IN THE CONSTRUCTION SCHEDULE.



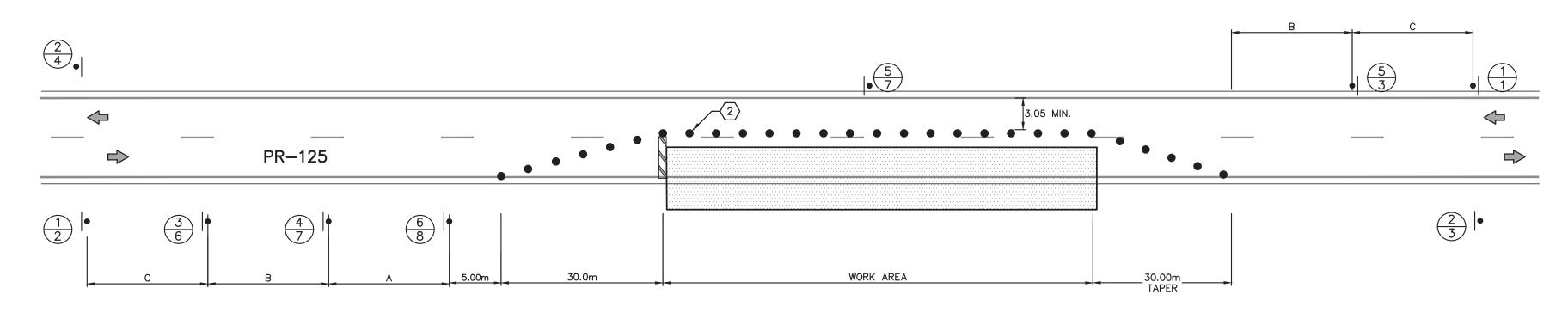


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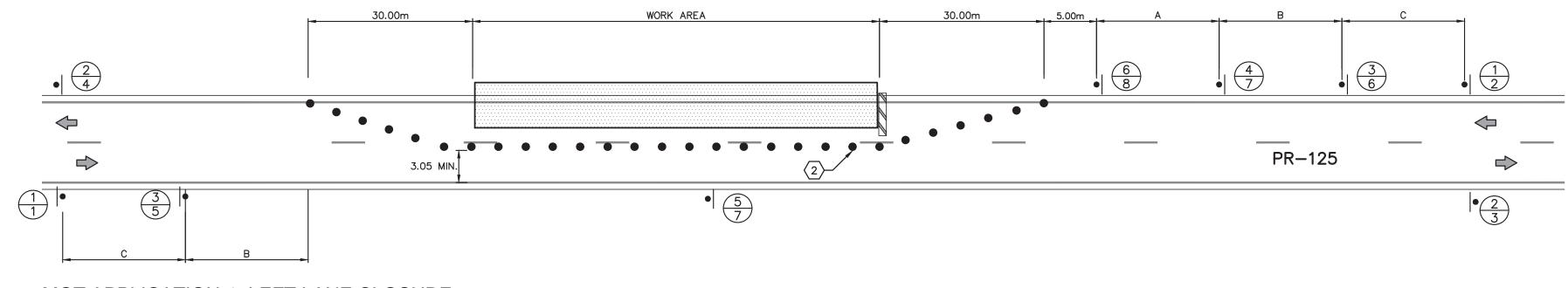


3

MOT APPLICATION 2- TYPICAL LEFT SHOULDER CLOSURE SCALE: NTS



MOT APPLICATION 3- TYPICAL RIGHT LANE CLOSURE



3

MOT APPLICATION 4- LEFT LANE CLOSURE SCALE: NTS

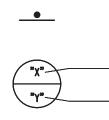
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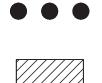
# 5

# LEGEND:

4



TRAFFIC SIGN LOCATION - CODE NUMBER - LOCATION NUMBER



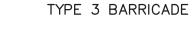


AREA UNDER CONSTRUCTION

TRAFFIC DIRECTION

PLASTIC DRUMS

FLAGGER



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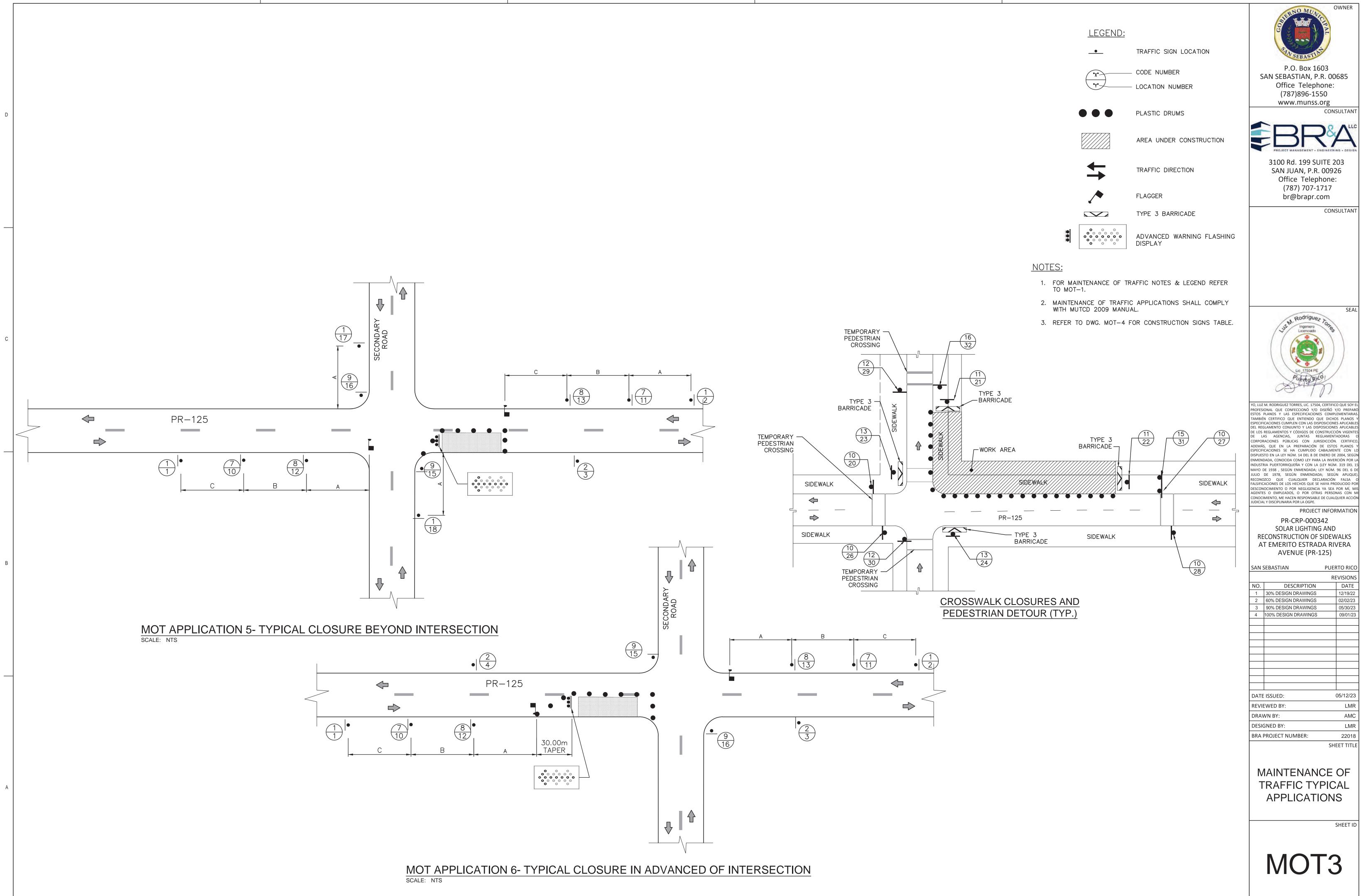
ADVANCED WARNING FLASHING DISPLAY

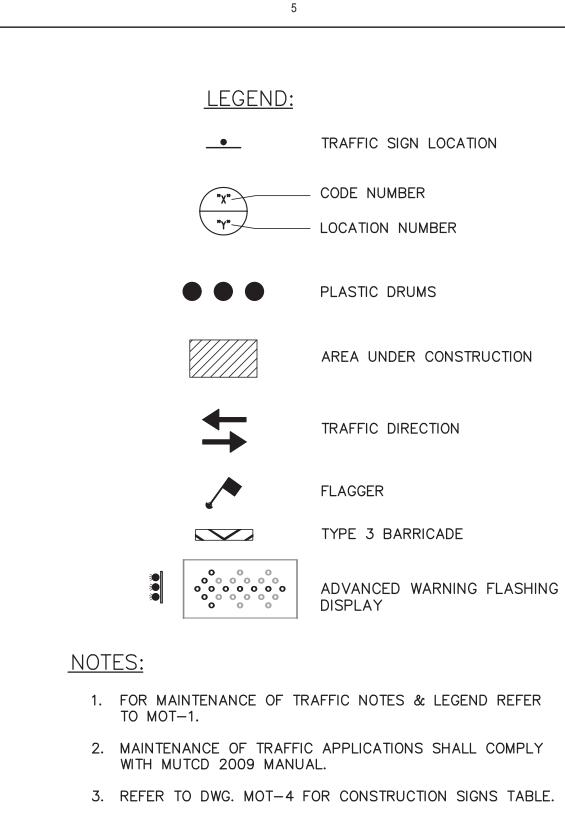
## NOTES:

- 1. FOR MAINTENANCE OF TRAFFIC NOTES & LEGEND REFER TO MOT-1.
- 2. MAINTENANCE OF TRAFFIC APPLICATIONS SHALL COMPLY WITH MUTCD 2009 MANUAL.
- 3. REFER TO DWG. MOT-4 FOR CONSTRUCTION SIGNS TABLE.



4





## CONSTRUCTION SIGNS:

1

CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
1	1,2,17,18	W20-1	CARRETERA EN CONSTRUCCION ADELANTE	36" X 36"	N/A	SEE D.T.P.W. MANUAL 2020	4
2	3,4	G20-2	TERMINA CONSTRUCCION	36" X 18"	N/A	SEE D.T.P.W. MANUAL 2020	2
3	5	W3-2 W3-2A(PR)	CEDA ADELANTE	36"X 36" 18"X 24"	N/A	SEE D.T.P.W. MANUAL 2020	1
4	6	R1-2	CEDA	36" X 36" X 36"	N/A	SEE D.T.P.W. MANUAL 2020	1
5	7	W1-4		36" X 36"	N/A	SEE D.T.P.W. MANUAL 2020	1
6	8	W20-4	CARRETERA DE UN CARRIL ADELANTE	36" X 36"	N/A	SEE D.T.P.W. MANUAL 2020	1
7	10,11	W20-4	CARRETERA DE UN CARRIL 300MTS	36" X 36"	N/A	SEE D.T.P.W. MANUAL 2020	2
8	12,13,14	W20-7a		36"X 36"	N/A	SEE D.T.P.W. MANUAL 2020	3
9	15,16	R1-1	PARE	30" × 30"	N/A	SEE D.T.P.W. MANUAL 2020	2
10	19, 20, 26, 27, 28	W11-2 W16-7p(I)		30"X30" 30"X18"	N/A	SEE D.T.P.W. MANUAL 2020	5
11	21,22	R9-9	ACERA CERRADA	24"X 18"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	2
12	29, 30	W11-2 W16-7p(D)		30"X30" 30"X18"	N/A	SEE D.T.P.W. MANUAL 2020	2

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CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
13	23,24	R9–10	ACERA CERRADA CRUCE OTRO LADO	42" X 24"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1
14	25	W21-5	TRABAJO EN PASEO 150 MTS	36" × 36"	N/A	SEE D.T.P.W. MANUAL 2020	1
15	31	R9–11(I)	ACERA CERRADA ADELANTE CRUCE AQUI	36" X 30"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1
16	32	R9-11(D)	ACERA CERRADA ADELANTE CRUCE AQUI	36" X 30"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1

3

3

## <u>NOTES:</u>

4

4

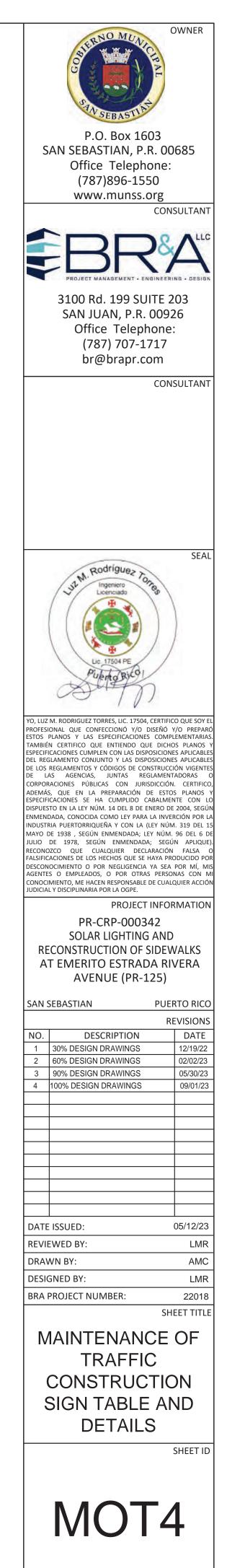
1. FOR MAINTENANCE OF TRAFFIC NOTES & LEGEND REFER TO DWG. MOT/1

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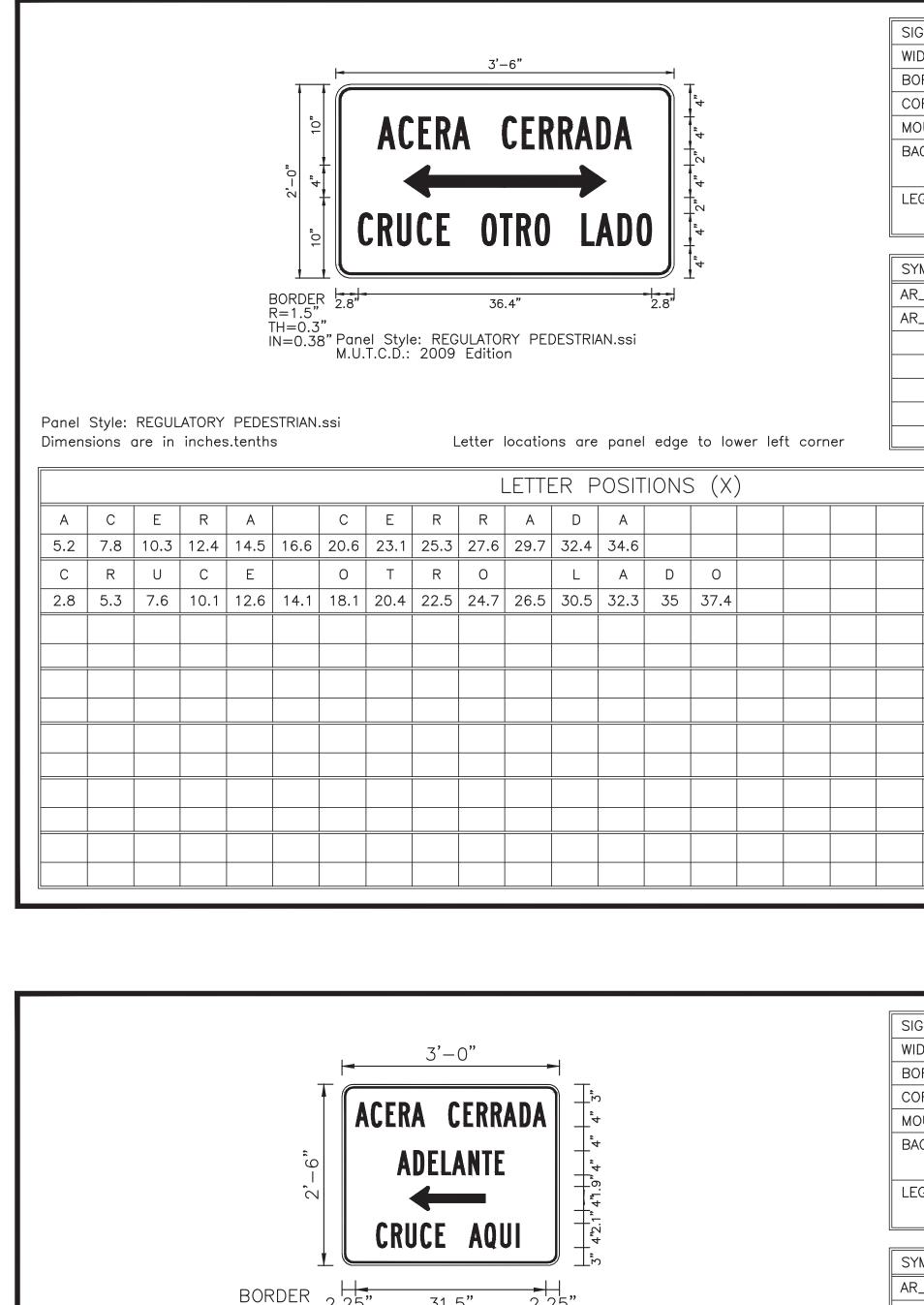
- 2. MAINTENANCE OF TRAFFIC APPLICATIONS MUST COMPLY WITH MUTCD 2009 MANUAL.
- SIGNS MUST COMPLY WITH DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS' "MANUAL DE ROTULACION PARA LAS VIAS PUBLICA DE PUERTO RICO" 2020 & MUTCD 2009 MANUAL.

5

4. FOR GUIDE SIGN DETAIL SEE DWG. MOT-5







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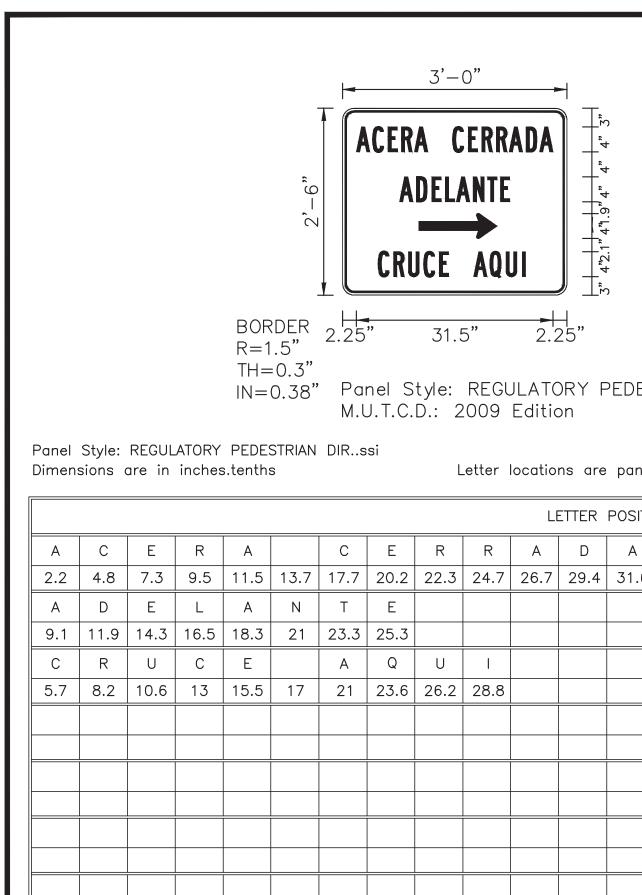
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9.1	11.9	14.3	16.5	18.3	21	23.3	25.3									
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5.7	8.2	10.6	13	15.5	17	21	23.6	26.2	28.8							

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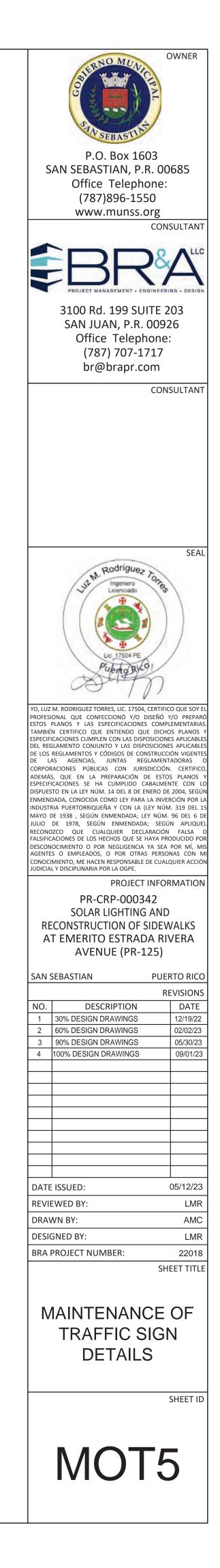
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Project Name: Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk Location: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Lat/Long: 18.343294, -66.999638 to 18.336086, -66.976578 PR-CRP-000342

#### Figure 3: Site Pictures:

















Project Name: Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk Location: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Lat/Long: 18.343294, -66.999638 to 18.336086, -66.976578 PR-CRP-000342

















<u>Project Name:</u> Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk <u>Location:</u> Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 <u>Lat/Long:</u> 18.343294, -66.999638 to 18.336086, -66.976578 PR-CRP-000342





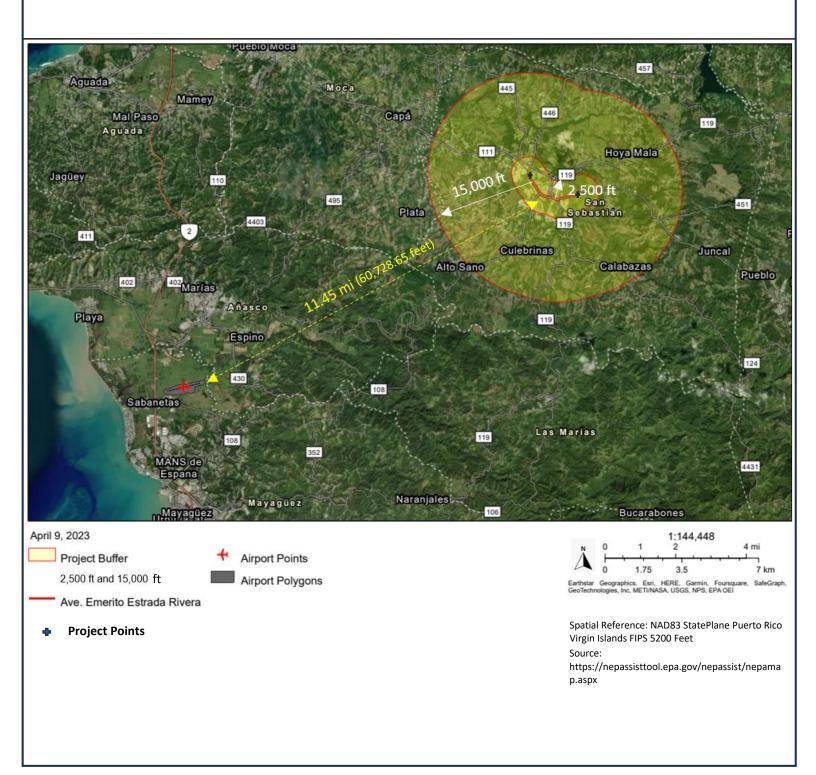




#### Exhibit 1: Airport Hazards – Civil Airport PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578

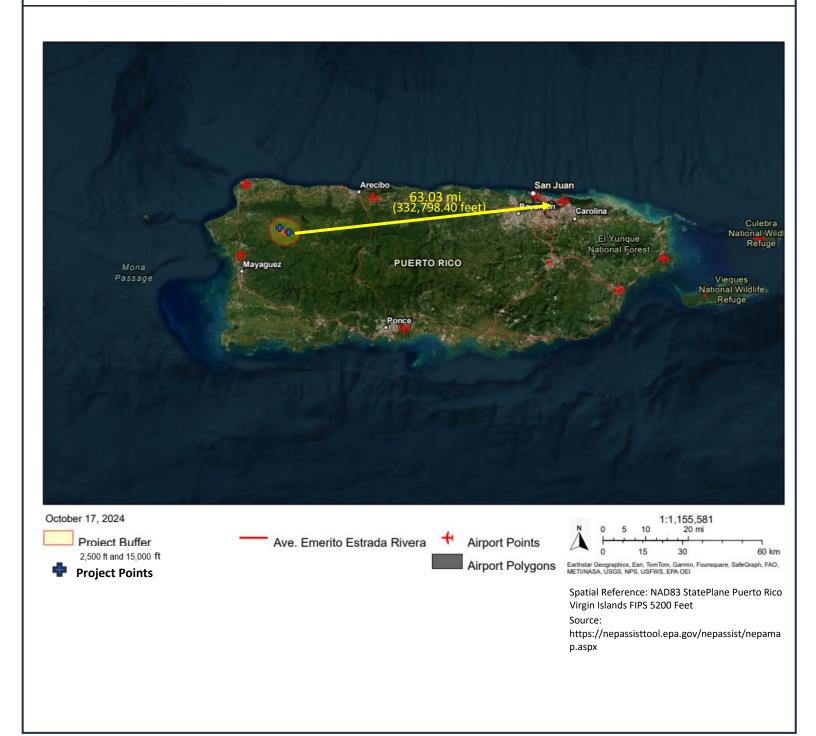




#### Exhibit 1: Airport Hazards – Military Airport - PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





#### Exhibit 2: CBRS – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





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

CBRS



#### August 1, 2024

**CBRS** Units

Otherwise Protected Area

System Unit

Site

Project Point

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 <a href="https://www.tws.gov/library/collections/official-coastal-barrier-resources-system-maps">https://www.tws.gov/library/collections/official-coastal-barrier-resources-system-maps</a>. 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 (<u>https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation</u>) 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

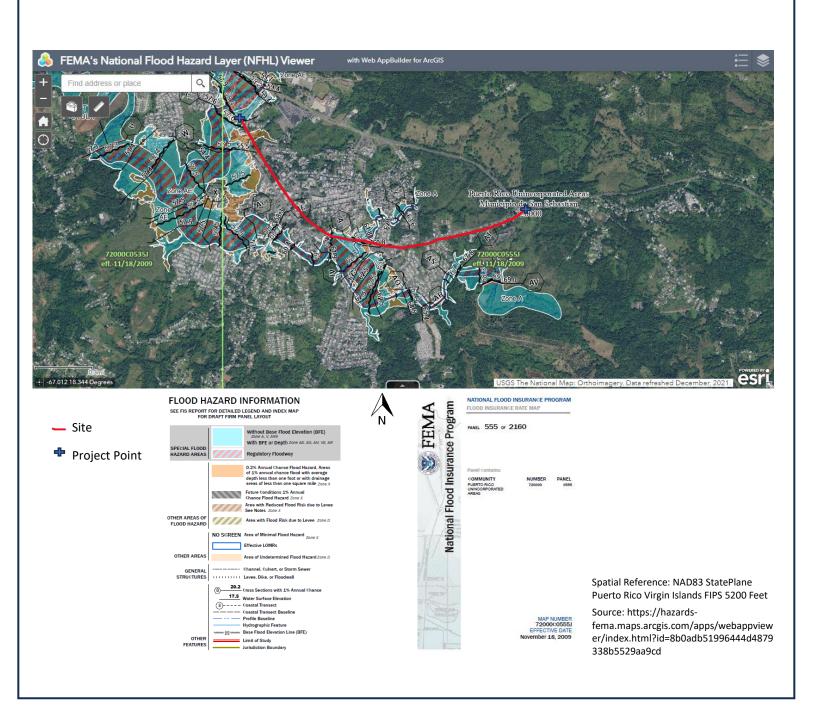
Spatial Reference: NAD83 StatePlane Puerto Rico Virgin Islands FIPS 5200 Feet

Source: https://fwsprimary.wim.usgs.gov/CBRSMapper-v2/

#### Exhibit 3: FEMA FIRMette – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578

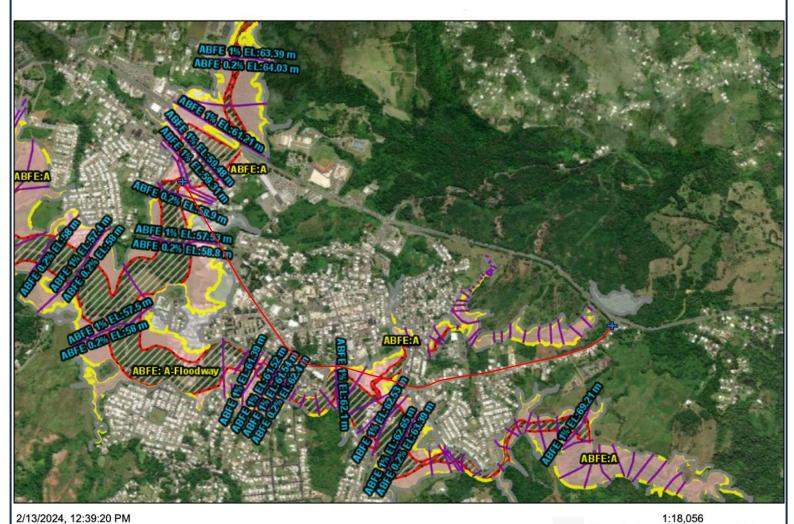




#### Exhibit 3a: ABFE's Map – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





#### 2/13/2024, 12:39:20 PM



Exhibit 3b: Floodplain-Management 5-Step-Decision-Making-Process performed by Tetra Tech, Inc.

#### EXECUTIVE ORDERS 11988 and 11990 – FLOODPLAIN MANAGEMENT & PROTECTION OF WETLANDS - EIGHT-STEP PROCESS U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT COMMUNITY DEVELOPMENT BLOCK GRANT – DISASTER RELIEF (CDBG-DR) PROGRAM

#### FLOODPLAIN MANAGEMENT 5-STEP DECISION-MAKING PROCESS

Project: "Alumbrado y Reconstrucción de Aceras Ave. Emérito Estrada Rivera", Municipality of San Sebastián, Puerto Rico

Project No. PR-CRP-000342

Decision Process for Executive Order 11988 and, Executive Order 11990 as Provided by 24 CFR §55.20.

#### Step 1: Determine whether the action is in a floodplain or wetland.

The purpose of the proposed project, Alumbrado y Reconstrucción de Aceras Ave. Emérito Estrada Rivera, PR-CRP-000342, is the removal of architectural barriers by widening the sidewalks along this major thoroughfare of the traditional urban center in compliance with the Americans with Disabilities Act (ADA).

The proposed project is located at Road #125 Ave. Emérito Estrada Rivera until intersection with Road #111, San Sebastián, PR, 00685, coordinates from 18.343294, -66.999638 to 18.336086, -66.976578. The scope of work will comprise demolish and reconstruct the sidewalks, curbs, and gutters, incorporate handicap ramps and, construct sidewalks along the length of Road #125 Ave. Emérito Estrada Rivera until the intersection with Road #111. The approximate length of the sidewalks to be built is 9,845 feet, and the approximate length of sidewalks to be reconstructed is 8,419 feet. Work will be performed inside the streets' right of way. New ground disturbance activities will be limited to the installation of solar lighting fixtures. There won't be new construction on previously undisturbed areas.

Along its path, there are portions of the proposed project located within a wetland. proposed floodplain and, The activity with a dimensions of 11.33 acres is situated in combined zones, 0.62 acres in floodway, 2.54 acres within the floodplain and, 8.17 acres in zone X outside the floodplain as shown in FEMA's Advisory Baseline Elevations Flood Map, revised 12/11/2018, https://gis-r2-fema.hub.arcgis.com/apps/31dfa15671944086b54b55bfc03344d7/ explore. The

road crosses over two riverine wetlands as shown in the NWI Wetland Mapper at <u>https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/</u>. Refer to Attachment A for Location Map, ABFE Map and Wetland Map.

The extent of the project in the floodway comprises a two-lane street. The beginning of the project starts at the bridge on Emérito Estrada Rivera Avenue, and this portion is also within the floodway. The extent of the floodway in this section extends from the abandoned gas station on the southwestern portion of the road to the bridge (northwest). The only actions within this portion are related to the reconstruction of the sidewalk, ramp, and associated gutter that are dedicated to ADA compliance. The other portion of the floodway crosses Emérito Estrada Rivera Avenue at the bridge located at the intersection with Highway PR-119 (Hostos Cabrera Street). The work at the site is to add a new concrete gutter to assist with drainage at the bridge. This is a functionally dependent use. All light poles being replaced within the project area must not limit pedestrian mobility and must provide adequate lighting to the sidewalk area for the benefit of pedestrians. Within the floodway portion, improvements to existing infrastructure include light poles, power and communication lines, fire hydrants, and narrow sidewalks – all of which hinders pedestrian mobility; consequently, the accessibility of the elderly and persons with disabilities.

This analysis will consider impacts to the floodplain, floodway and, wetland along with concerns for loss of life or property; as applicable.

The PRDOH Permits and Environmental Compliance Division, on a Memorandum dated May 14, 2024, indicated that the project complied with the following exception for activities in the floodway: 24CFR55.12(i): Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and persons with disabilities. Two sections of the road that cross a floodway are bridges. The Memorandum is included in Attachment B. The required Accessibility Assessment Report is included in Attachment C.

Given the new for rule 55, effective May 23<sup>rd</sup>, 2024, this project would qualify for a 5-Step process by section 55.14 (e) "HUD's or the recipient's actions under any HUD program involving the repair, rehabilitation, or replacement of existing nonstructural improvements including streets, curbs, and gutters, where any increase of the total impervious surface area of the facility is de minimis. This provision does not include critical actions, levee systems, chemical storage facilities (including any tanks), wastewater facilities, or sewer lagoons."

# Step 4: Identify Potential Direct and Indirect Impacts Associated with Floodplain and Wetland Development.

The project at the proposed site will not negatively impact the floodplain and wetland and will not have a significant impact on the actual runoff water behavior during weather events. The municipality of San Sebastián is a member of the National Flood Insurance Program and structures located in the flood zone must comply with the PR flood regulations. Potential adverse impacts from construction would be temporary and mitigated through construction staging plans developed in partnership with the San Sebastián Municipality to minimize disturbance throughout the construction period and at the end of the project. The proposed project will be connected to the existing infrastructure systems. On the contrary, the proposed activity will help preserve the present floodplain and wetland functions and values like creating a pleasant urban revitalization, offer adequate and safe community access in accordance to building codes and regulations, preserve water quality, erosion control and flora & fauna habitat in the area employing appropriate design codes and, effective mitigation measures during the construction activities. The proposed improvements will not have an effect on agricultural lands due to the nature of the activity. No recreational, educational, scientific, historic, and cultural values of the floodplain and wetland will be adversely affected by the activity. The People of Puerto Rico and the Municipality of San Sebastián are the owners of the proposed project site. No additional cost due to land acquisition will be incurred nor will ownership issues needed to be solved.

#### Step 5: Mitigate Adverse Impacts

The highest priority of this review is to prevent the loss of life. No loss of life could be generated as part of the proposed actions. On the contrary, the proposed works would not only generate a positive impact to the actual floodplain and wetland in benefit of people's life quality and preservation of life, but also would help to protect the financial investment of the contiguous business that actually serves the community. No increase in population density will occur as a result of the proposed activity. The proposed improvements will not have an effect on agricultural lands.

The design minimize floodplain and wetland impacts and prevented new construction from occurring in the floodplain/wetland considering provisions for draining. The construction will have minimal effects on water resources. Impact to the floodplain/wetland will also be limited due to construction occurring within the previously developed site. A stormwater pollution prevention plan (SWPPP) would be prepared, and its Best Management Practices (BMPs) would be implemented to avoid surface runoff, ponding, and sedimentation of receiving waterways during construction preserve property, how it's going to preserve natural values, and minimize impacts, and how it's going to restore and preserve the values of the floodplain. It will include a combination of detention, infiltration, evaporation and settling to manage flow and remove pollutants and construction debris to avoid impact the floodplain and adjacent wetland. Construction debris will be collated and disposed at a certified dump site or other authorized facility to manage wastes.

#### Step 6: Reevaluate the Alternatives.

Although the site is in a floodway, floodplain, and wetland, the project has been adapted to minimize its impact. No additional cost due to land acquisition will be incurred nor will ownership issues need to be solved.

It is the responsible entity determination that there is no practicable alternative for locating the project outside the flood zone.

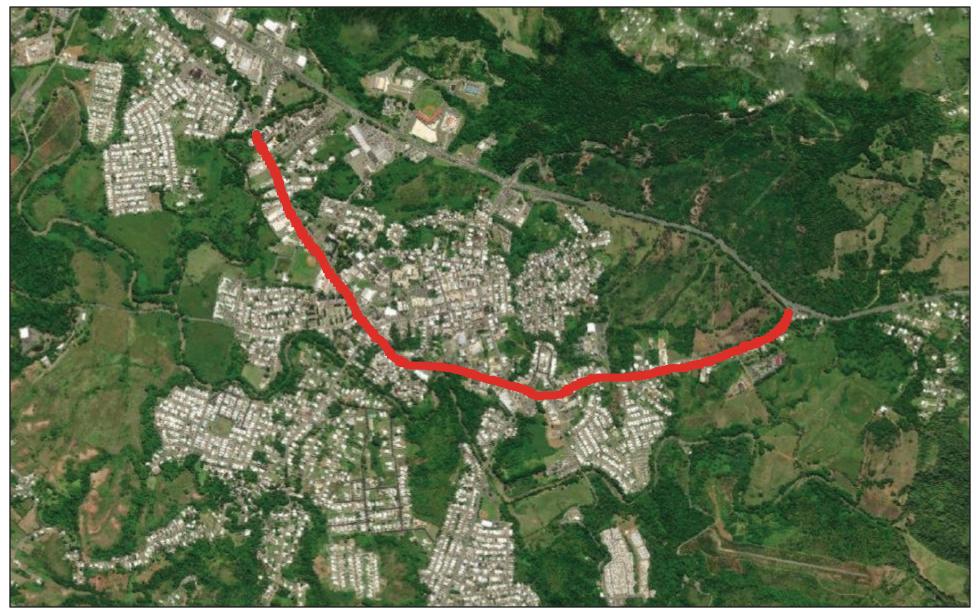
The proposed project will:

- 1. Eliminate architectural barriers to increase the well-being and safety of pedestrians, particularly students and elderly people in compliance with the Americans with Disabilities Act.
- 2. Have a positive impact on neighboring properties, as well as San Sebastián's commercial core.
- 3. Increase the well-being and safety of community residents and visitors.
- 4. Provide safer alternatives to low- and moderate-income communities and surrounding the area.
- 5. Mitigate and minimize impacts on human health, public property, and floodplain/wetland values by using satisfactory design codes considering provisions for draining and best management practices during the construction activities.
- 6. Improve existing site's conditions, and infrastructure.
- 7. Help to prevent further deterioration of the site and to improve traffic safety.

If no action is taken, the proposed improvements will not be implemented, and the facilities will not be enhanced. The proposed use is in harmony with the surrounding developments in the area.

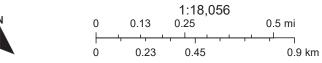
#### Step 8: Implement Proposal with Appropriate Mitigation.

The municipality of San Sebastián will assure that this plan, as described above, is executed and necessary language will be included in all agreements with participating parties. The municipality of San Sebastián will also take an active role in monitoring the construction process to ensure no unnecessary impacts occur no unnecessary risks are taken and ensure that mitigation measures are fully implemented in the area. Attachment A Maps



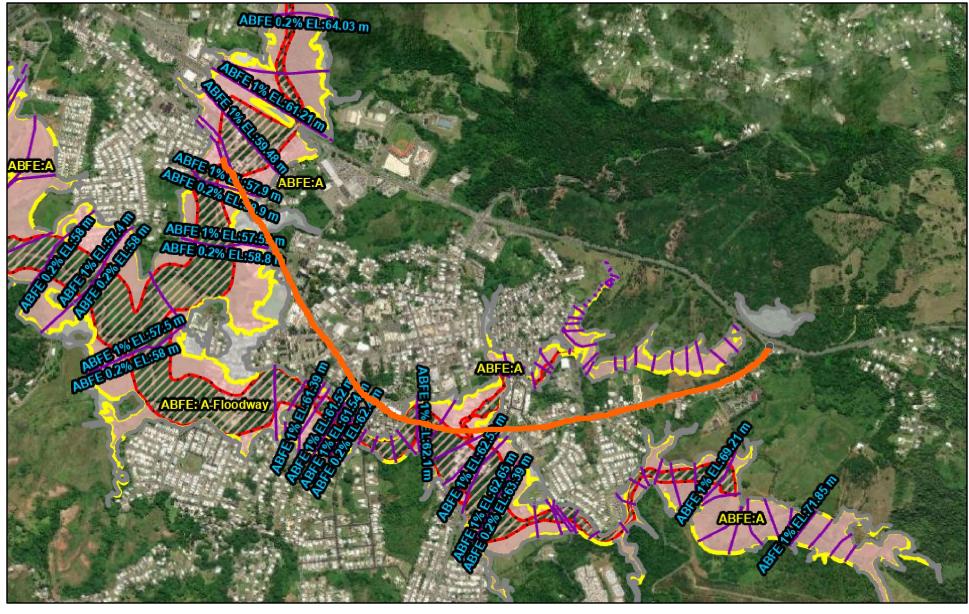
Legend:

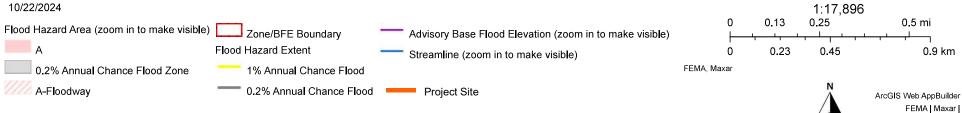
Project Site



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PR-CRP-000342 Alumbrado y Reconstrucción de Aceras Ave. Emérito Estrada Rivera Road #125 Ave. Emérito Estrada Rivera until int with Road #111, San Sebastián, PR, 00685 Coordinates 18.343294, -66.999638 to 18.336086, -66.976578



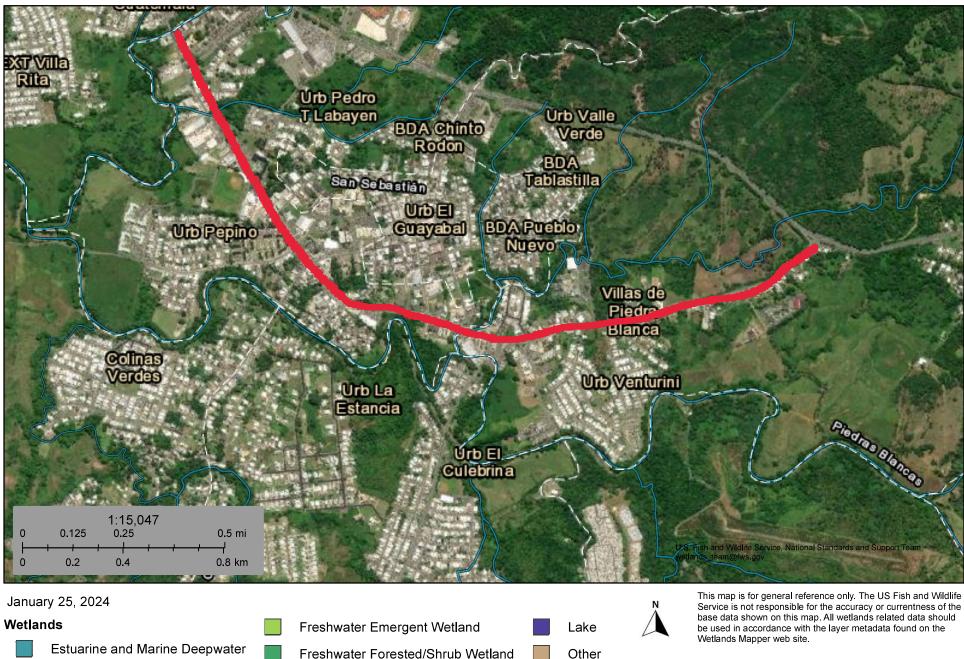


https://sige.pr.gov/portal/apps/webappviewer/index.html?id=53ed4b9fa37840a88bb44d2a911512fc



#### U.S. Fish and Wildlife Service National Wetlands Inventory

PR-CRP-000342 Alumbrado y Reconstrucción de Aceras Ave. Emérito Estrada Rivera Road #125 Ave. Emérito Estrada Rivera until int with Road #111, San Sebastián, PR, 00685 Coordinates 18.343294, -66.999638 to 18.336086, -66.976578



Riverine

Project site

Freshwater Pond

https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/

Estuarine and Marine Wetland

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

PRDOH Permits and Environmental Compliance Division Memorandum



## MEMORANDUM

DATE:	May 14, 2024
SENDER:	PRDOH Permits and Environmental Compliance Division
RECEIVER:	City Revitalization Program
SUBJECT:	Floodway Resolution - Eligible
CASE ID:	PR-CRP-000342
PROJECT:	Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR 125, San Sebastián (San Sebastián)

#### Resolution

Eligible under 55.12(c)(10): Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and persons with disabilities. Also, the two sections of the road that cross a floodway are bridges.

#### Project Description

The Municipality of San Sebastián proposes to demolish and reconstruct the sidewalks, curbs and gutters, to incorporate handicap ramps and to construct sidewalks along the length of PR-125 Road, Emérito Estrada Rivera Avenue, until the intersection with PR-111. Works will be performed inside the streets' right-of-way. The approximate length of the sidewalks to be built is 9,845 feet, and the approximate length of sidewalks to be reconstructed is 8,419 feet. The project will also include the acquisition and installation of solar lighting, new signage and improvements to the green areas. New ground disturbance activities will be limited to the installation of solar lighting fixtures.

#### Activities in the Floodway

The extent of the project in the floodway includes a two-lane street. The beginning of the project starts at the bridge on Emérito Estrada Rivera Avenue, and this portion is also within the floodway. The extent of the floodway in this section extends from the abandoned gas station on the southwestern portion of the road to the bridge (northwest). The only actions within this portion are related to the reconstruction of the sidewalk, ramp, and associated gutter that are dedicated to ADA compliance (see C100 of designs). The other portion of the floodway crosses Emérito Estrada Rivera Avenue at the bridge located at the intersection with Highway PR-119 (Hostos Cabrera Street). The work at the site is to add a new concrete gutter to assist with drainage at the bridge. This is functionally dependent use and is allowable. All light poles being replaced within the project area must not limit pedestrian mobility and must provide adequate lighting to the sidewalk area for the benefit of pedestrians.

The project area consists of existing infrastructure including light poles, power and communication lines, fire hydrants, and narrow sidewalks – all of which hinders pedestrian mobility; moreover, accessibility of the elderly and persons with disabilities. The purpose of the proposed project is the removal of architectural barriers by widening the sidewalks along this major thoroughfare of the traditional urban center.

## MEMORANDUM

GOVERNMENT OF PUERTO RICO

## Supplemental Guidance

Include within the 8-Step Decision Making Process, an Accessibility Assessment Report based on the American with Disabilities Act (ADA) standards prepared by a qualified professional and a detailed explanation of the current state of all aspects and parts of the streets that will be impacted because they are not ADA compliant/accessible and do not comply with current accessibility standards. There should be a direct relationship between the scope of project activities and the design elements described as necessary in accomplishing the intended purpose of the proposed project. All documentation should identify the project as being within the floodway and reference the applicable exception which makes possible the use of HUD CDBG-DR funds. Lastly, the 8-Step Decision Making Process should identify and evaluate measures to mitigate, avoid and minimize adverse direct and indirect impacts to the floodplain before, during and after implementation or the proposed project, to the greatest extent practicable.

In addition, any work within the streetscape on the northwestern end of the project (that lies within the floodway) must be removed unless 55.12(c) can be demonstrated and the Accessibility Assessment Report demonstrates that the scope of work is necessary to remove architectural barriers in that area.

Attachment C

Accessibility Assessment Report



#### Accessibility Assessment Report

#### PR-CRP-000342: Solar Lighting and Reconstruction of Sidewalks at Emerito Estrada Rivera Avenue (PR-125) San Sebastian, PR

#### Project Overview

This report provides a comprehensive assessment of the sidewalk segment's accessibility and necessary drainage improvements. Ensuring compliance with 2010 ADA standards, as part of the requirements on CRP Program and Federal Funded projects and addressing flooding issues will significantly enhance the safety and usability of the pedestrian route.

The project involves several key improvements along Emerito Estrada Avenue (Road PR-125), including the acquisition and installation of solar lighting, the demolition and reconstruction of existing sidewalks, and the construction of concrete curbs and gutters. Notably, the location of the project is in a flood-prone area as indicated by the current FEMA flood maps (Image 1). On Location 1, the floodway limits extend from the abandoned gas station on the southwestern portion of the road to the bridge located in the northwest (Image 2).



Image 1 - Flood Zone Map (ABFE)



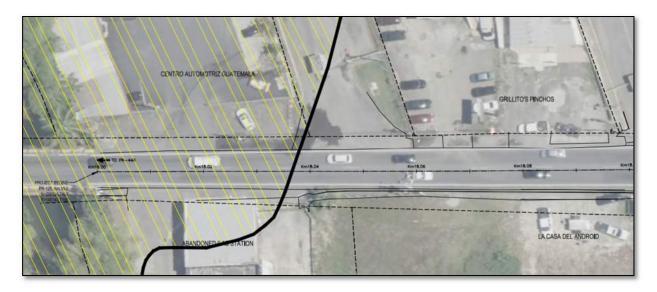


Image 2 – Existing conditions illustrating floodway limit (Location 1)

Location (Km)	Existing Conditions	ADA Section	Photos
10.00 to 10.02	Discontinuity of sidewalk at the beginning of the project, extending from the bridge (Km 18.00) through the abandoned gas station (Km 18.03)	2010 ADAAG Section 35.151 & Section 403.5.1	Photo 1-3
18.00 to 18.03	Missing curb and gutter at the beginning of the project, extending from the bridge (Km 18.00) through the abandoned gas station (Km 18.03)	2010 ADAAG Section 35.151	Photo 1-3

Based on ADA regulations for "Path of Travel", sidewalk segments must provide a continuous, unobstructed way of pedestrian passage to ensure accessibility and safety. The 2010 ADA Standards for Accessible Design (ADAAG), Section 403.5.1 "Clear Width" states that the minimum clear width of walking surfaces shall be 36 inches.

The design elements proposed to mitigate the accessibility barriers within the floodway include:

1. Construction of new concrete sidewalk segments to connect with existing pedestrian route from bridge.



2. Construction of new curb and gutter for drainage improvements to avoid flooding/ponding sections on sidewalk by controlling runoff along the road.

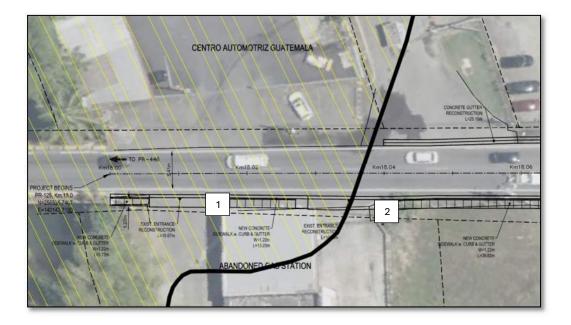


Image 3 – Design for proposed activities at the beginning of the project and photos key plan

On the image above (Image 3), the design for the proposed activities at the Regulatory Floodway that extends from Km 18.00 to Km 18.03 are illustrated and describes as following:

- New concrete sidewalk with curb and gutter (width=1.22 m, length=5.72 m)
- Existing entrance reconstruction (length=10.67 m)
- New concrete sidewalk with curb and gutter (width=1. 22 m, length=13.23 m)
- Existing entrance reconstruction (length=10.89 m)

The project complies with HUD's Floodplain Management and Protection of Wetlands regulation that states: *Project is in the floodway but consist of repairs to existing construction (including improvements) or reconstruction following destruction caused by a disaster.* [24 CFR Part 55.1 (c) (3)], making it possible to use the HUD CDBG-DR funds assigned.

Improving the sidewalk segment to meet ADA standards and addressing drainage issues are crucial for ensuring a safe and accessible pedestrian route. Implementing the recommended enhancements will provide a continuous, accessible path for all users and prevent flooding-related hazards.





#### Photo-1



Photo-2



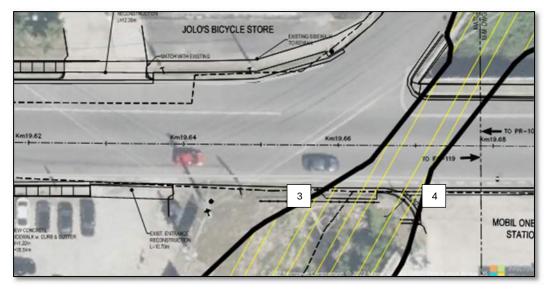


Image 4 – Design for proposed activities inside floodway limit and photos key plan (Location 2).

On the image above Location 2 (Image 5), the design for the proposed activities at the Regulatory Floodway that extends from Km 19.66 to Km 19.68 are illustrated and describes as following:

• New concrete curb and gutter (length=7.49 m) and concrete gutter (approx. length=4.0 m, located in the floodway limit)



Photo-3





Photo-4

The project complies with HUD's Floodplain Management and Protection of Wetlands regulation that states: *Project is in the floodway but consist of repairs to existing construction (including improvements) or reconstruction following destruction caused by a disaster.* [24 CFR Part 55.1 (c) (3)], making it possible to use the HUD CDBG-DR funds assigned.

Improving the curb and gutter on this point will address drainage issues, crucial for ensuring a safe and accessible pedestrian route. Implementing the recommended enhancements will provide a continuous, accessible path for all users and prevent flooding-related hazards.

Report prepared by:

Luz M. Rodríguez, PE Benítez, Ramos & Associates, LLC



**Exhibit 3d: Drainage Calculation** 



# Municipio de San Sebastian

# **DRAINAGE CALCULATIONS**

PR-CRP-000342 SOLAR LIGHTING AND RECONSTRUCTION OF SIDEWALKS SAN SEBASTIAN, PR



### INDEX

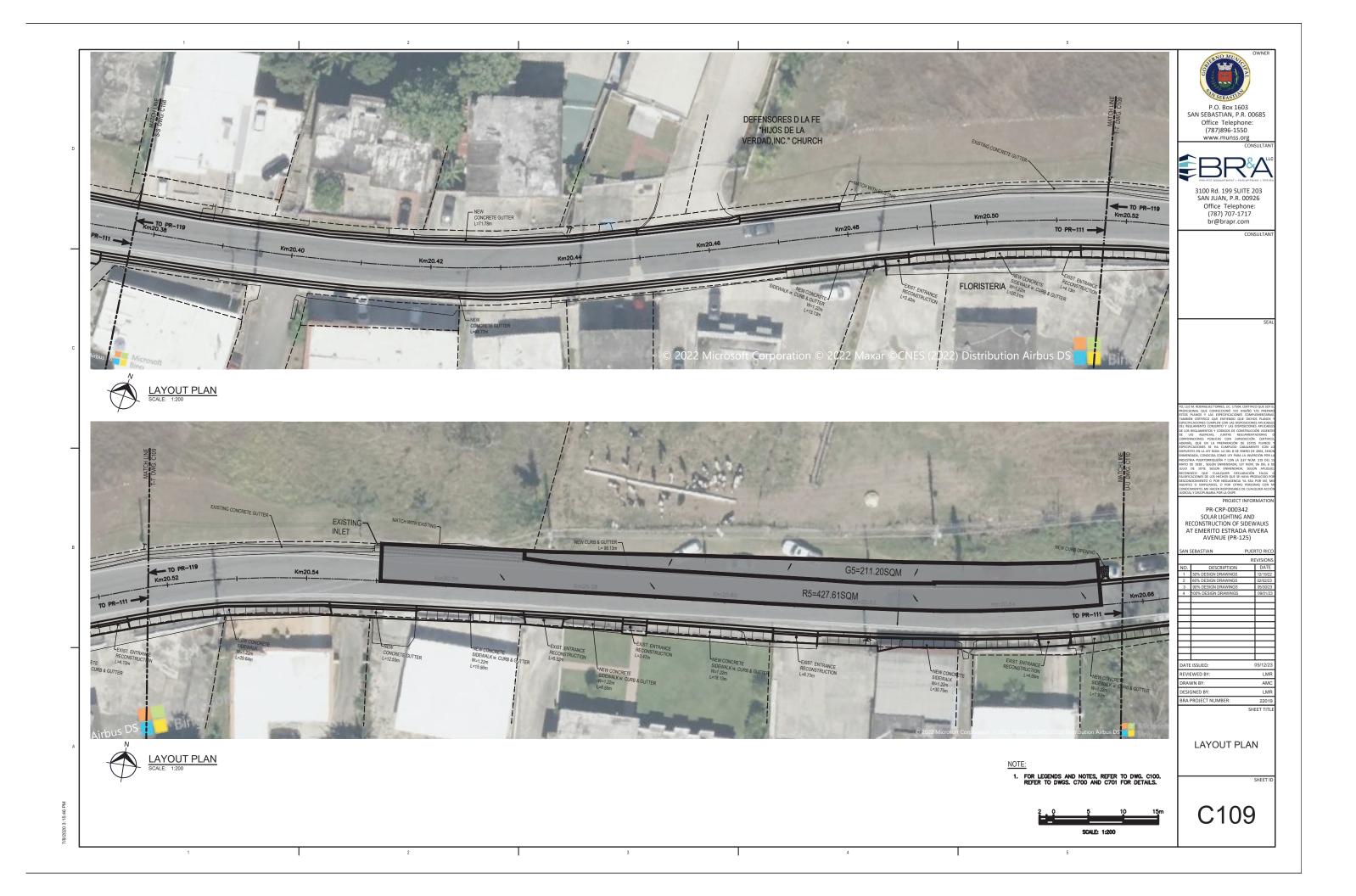
- 1. METHODOLOGY, FLOW CALCULATIONS TABLE AND RESULTS
- 2. CATCHMENT AREAS PLANS (EXISTING CONDITIONS)
- 3. NOAA ATLAS 14 (PRECIPITATION FREQUENCY ESTIMATES (INTENSITY TABLE))

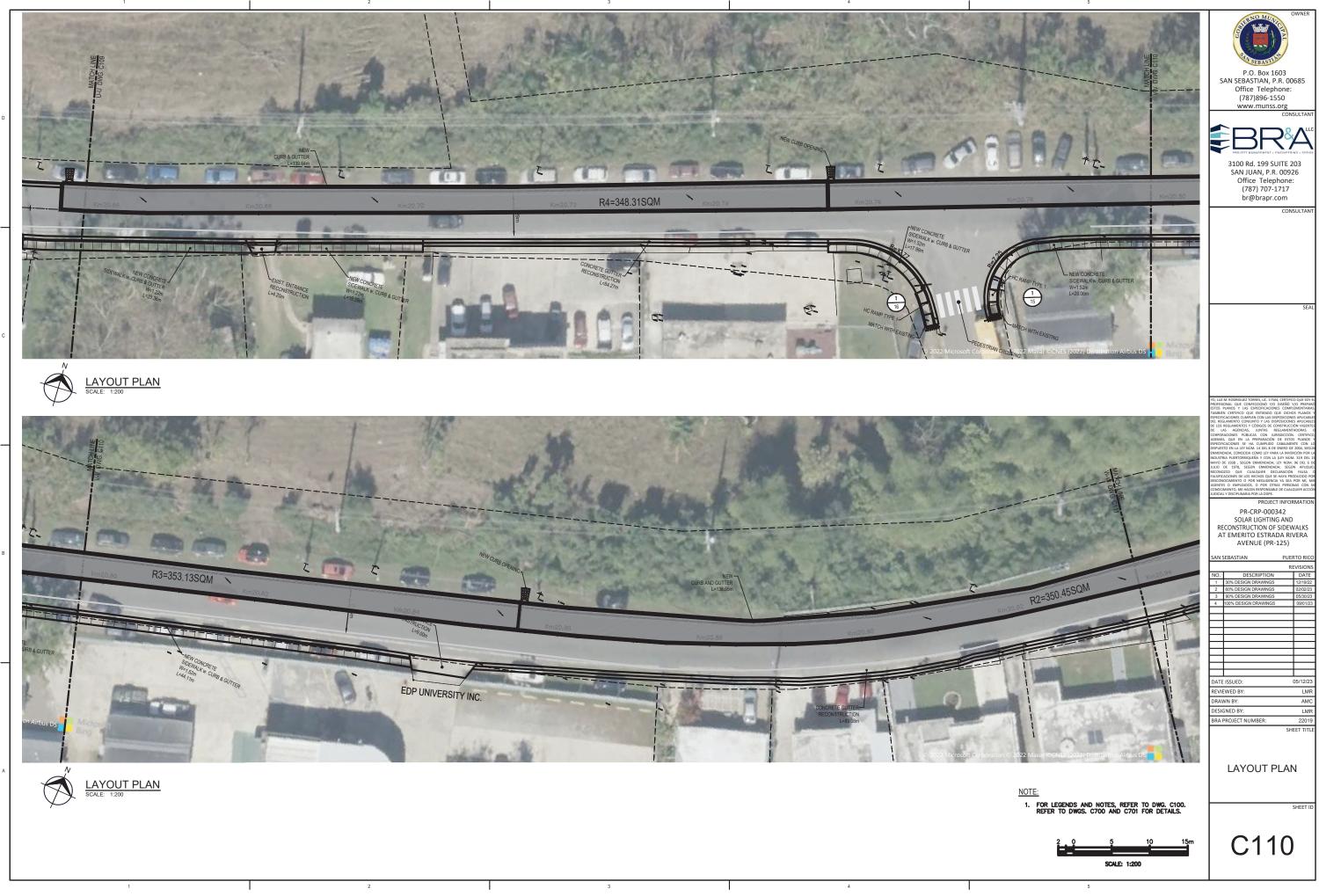
PROJECT  PR-125 San Sebastian	PROJECT CODE	DESIGN STAGE FINAL PLANS	
DATE	PREPARED BY	CHECKED BY	DRAINAGE STRUCTURES CALCULATIONS

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Reference:	NOAA PRE	CIPITATION I	DATA			
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R1	445.6	0.11011006	0.80	11.10	0.978	ROADWAY AREA
R2	350.45	0.086598	0.80	11.10	0.769	ROADWAY AREA
R3	353.13	0.08726025	0.80	11.10	0.775	ROADWAY AREA
R4	348.31	0.0860692	0.80	11.10	0.764	ROADWAY AREA
R5	427.61	0.10566464	0.80	11.10	0.938	ROADWAY AREA
G5	211.2	0.05218861	0.12	11.10	0.070	GREEN AREA
				Total Q =	4.294	
						PRECIPITATION FREQUENCY FOR 5-min DURATION, 25-YEAR RECURRENCE INTERVAL

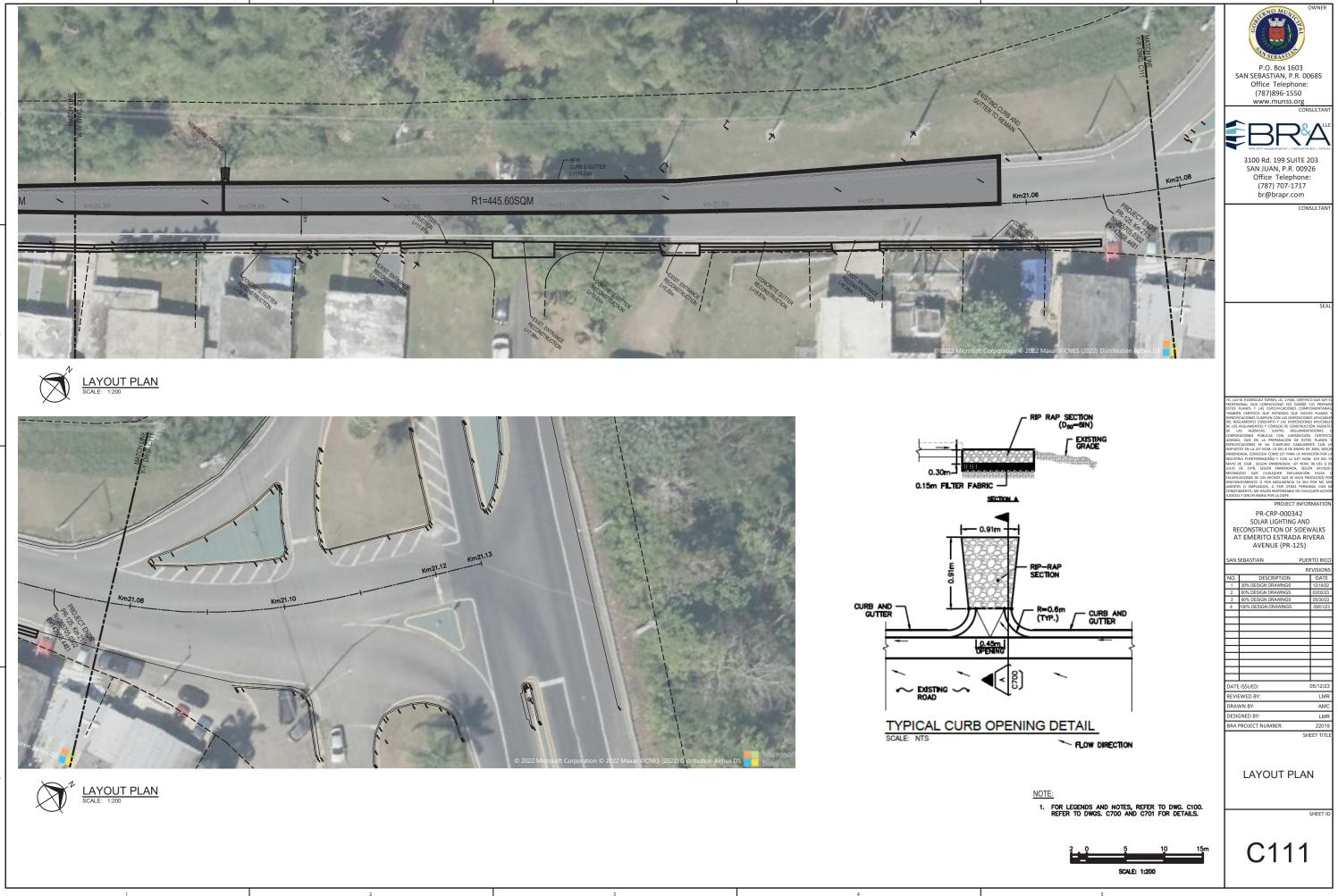
#### Item: PIPE DISCHARGE CALCULATIONS-EXISTING CONDITIONS

				CONTRIBL	ITING AREA									
Struct. ID	FROM	TO STR.	AREA ID	AREA Sqm	AREA acres	Q IN FROM AREA	Q IN FROM UPSTREAM STRUCT.	TOTAL FLOW (CFS)	STRUCTURE	SLOPE	ROUGHNE SS	MAX CAPACITY	FLOW/ CAPACITY	СНЕСК
1	R1	Curb Open.	R1	445.60	0.11011	0.98	0.00	0.98	6"x18" opening	0.50%	0.013	1.94	50.4%	OK
2	R2	Curb Open.	R2	350.45	0.086598	0.77	0.00	0.77	6"x18" opening	0.50%	0.013	1.94	39.6%	OK
3	R3	Curb Open.	R3	353.13	0.08726	0.77	0.00	0.77	6"x18" opening	0.50%	0.013	1.94	39.9%	OK
4	R4	Curb Open.	R4	348.31	0.086069	0.76	0.00	0.76	6"x18" opening	0.50%	0.013	1.94	39.4%	OK
Exist.Pipe	R5	Ex.Inlet	R5	427.61	0.105665	0.94	0.00	1.01	18"RCP	0.50%	0.013	2.68	40.2%	OK
	G5		G5	211.20	0.052189	0.07	0.00	0.07						





/8/2020 3:15:46 PM





Precipitation Frequency Data Server



Location name: Piedras Blancas, Puerto Rico, PRI\* Latitude: 18.3342°, Longitude: -66.9808° Elevation: 266 ft\*\* source: ESRI Maps \*\* source: USGS

NOAA Atlas 14, Volume 3, Version 4



#### POINT PRECIPITATION FREQUENCY ESTIMATES

G.M. Bonnin, D. Martin, B. Lin, T. Parzybok, M.Yekta, and D. Riley

NOAA, National Weather Service, Silver Spring, Maryland

PF\_tabular | PF\_graphical | Maps\_&\_aerials

### **PF** tabular

PDS-b	ased poir	nt precipit	ation freq	uency es	timates w	ith 90% co	onfidence	intervals	(in inches	s/hour) <sup>1</sup>
Duration				Avera	ge recurren	ce interval (	years)			
Duration	1	2	5	10	25	50	100	200	500	1000
5-min	<b>8.29</b> (7.57-8.38)	<b>9.31</b> (9.00-9.58)	<b>9.62</b> (9.26-9.98)	<b>10.2</b> (9.78-10.7)	<b>11.1</b> (10.6-11.8)	<b>11.9</b> (11.2-12.8)	<b>12.8</b> (11.9-13.8)	<b>13.7</b> (12.6-14.9)	<b>14.9</b> (13.5-16.5)	<b>15.9</b> (14.2-17.8)
10-min	<b>5.66</b> (5.17-5.72)	<b>6.36</b> (6.15-6.54)	<b>6.58</b> (6.33-6.82)	<b>6.98</b> (6.68-7.33)	<b>7.60</b> (7.21-8.08)	<b>8.16</b> (7.67-8.74)	<b>8.74</b> (8.11-9.44)	<b>9.35</b> (8.59-10.2)	<b>10.2</b> (9.22-11.3)	<b>10.9</b> (9.73-12.2)
15-min	<b>4.85</b> (4.43-4.90)	<b>5.44</b> (5.26-5.60)	<b>5.63</b> (5.42-5.84)	<b>5.98</b> (5.72-6.27)	<b>6.50</b> (6.17-6.91)	<b>6.98</b> (6.56-7.48)	<b>7.48</b> (6.94-8.08)	<b>8.00</b> (7.35-8.73)	<b>8.74</b> (7.89-9.65)	<b>9.32</b> (8.32-10.4)
30-min	<b>3.88</b>	<b>4.36</b>	<b>4.51</b>	<b>4.78</b>	<b>5.21</b>	<b>5.59</b>	<b>5.99</b>	<b>6.41</b>	<b>6.99</b>	<b>7.46</b>
	(3.54-3.92)	(4.21-4.48)	(4.34-4.67)	(4.58-5.02)	(4.94-5.53)	(5.25-5.99)	(5.55-6.47)	(5.88-6.99)	(6.32-7.73)	(6.66-8.34)
60-min	<b>2.88</b>	<b>3.23</b>	<b>3.34</b>	<b>3.55</b>	<b>3.86</b>	<b>4.15</b>	<b>4.44</b>	<b>4.75</b>	<b>5.19</b>	<b>5.54</b>
	(2.63-2.91)	(3.12-3.32)	(3.22-3.47)	(3.40-3.72)	(3.67-4.10)	(3.90-4.44)	(4.12-4.80)	(4.36-5.18)	(4.69-5.73)	(4.94-6.18)
2-hr	<b>1.77</b>	<b>1.98</b>	<b>2.03</b>	<b>2.14</b>	<b>2.37</b>	<b>2.57</b>	<b>2.78</b>	<b>2.99</b>	<b>3.28</b>	<b>3.51</b>
	(1.61-1.79)	(1.92-2.04)	(1.95-2.11)	(2.04-2.24)	(2.24-2.53)	(2.40-2.78)	(2.55-3.03)	(2.72-3.30)	(2.93-3.69)	(3.10-4.00)
3-hr	<b>1.19</b> (1.08-1.20)	<b>1.34</b> (1.29-1.39)	<b>1.41</b> (1.34-1.49)	<b>1.52</b> (1.43-1.62)	<b>1.72</b> (1.59-1.86)	<b>1.88</b> (1.71-2.07)	<b>2.05</b> (1.84-2.28)	<b>2.22</b> (1.96-2.52)	<b>2.48</b> (2.13-2.87)	<b>2.67</b> (2.26-3.14)
6-hr	<b>0.603</b>	<b>0.707</b>	<b>0.797</b>	<b>0.891</b>	<b>1.03</b>	<b>1.14</b>	<b>1.26</b>	<b>1.39</b>	<b>1.57</b>	<b>1.71</b>
	(0.548-0.619)	(0.668-0.756)	(0.742-0.861)	(0.817-0.972)	(0.921-1.14)	(1.00-1.29)	(1.08-1.45)	(1.17-1.63)	(1.28-1.89)	(1.37-2.11)
12-hr	<b>0.303</b> (0.275-0.320)	<b>0.366</b> (0.338-0.401)	<b>0.437</b> (0.400-0.481)	<b>0.509</b> (0.457-0.566)	<b>0.617</b> (0.537-0.700)	<b>0.708</b> (0.602-0.817)	<b>0.807</b> (0.667-0.953)	<b>0.914</b> (0.737-1.10)	<b>1.07</b> (0.831-1.34)	<b>1.20</b> (0.906-1.53)
24-hr	<b>0.161</b>	<b>0.204</b>	<b>0.259</b>	<b>0.310</b>	<b>0.385</b>	<b>0.450</b>	<b>0.521</b>	<b>0.600</b>	<b>0.715</b>	<b>0.812</b>
	(0.150-0.176)	(0.190-0.223)	(0.239-0.284)	(0.282-0.341)	(0.344-0.429)	(0.396-0.505)	(0.450-0.591)	(0.509-0.688)	(0.591-0.833)	(0.658-0.958)
2-day	<b>0.105</b>	<b>0.133</b>	<b>0.167</b>	<b>0.200</b>	<b>0.249</b>	<b>0.292</b>	<b>0.338</b>	<b>0.391</b>	<b>0.468</b>	<b>0.534</b>
	(0.097-0.114)	(0.123-0.145)	(0.153-0.184)	(0.180-0.222)	(0.220-0.280)	(0.252-0.333)	(0.287-0.392)	(0.324-0.459)	(0.377-0.562)	(0.419-0.651)
3-day	<b>0.076</b>	<b>0.096</b>	<b>0.120</b>	<b>0.142</b>	<b>0.176</b>	<b>0.205</b>	<b>0.237</b>	<b>0.273</b>	<b>0.326</b>	<b>0.370</b>
	(0.071-0.083)	(0.089-0.105)	(0.110-0.132)	(0.129-0.157)	(0.156-0.197)	(0.179-0.233)	(0.202-0.273)	(0.228-0.319)	(0.264-0.388)	(0.294-0.448)
4-day	<b>0.062</b>	<b>0.078</b>	<b>0.096</b>	<b>0.114</b>	<b>0.139</b>	<b>0.162</b>	<b>0.186</b>	<b>0.214</b>	<b>0.254</b>	<b>0.288</b>
	(0.058-0.067)	(0.072-0.084)	(0.089-0.105)	(0.104-0.125)	(0.125-0.156)	(0.142-0.183)	(0.160-0.213)	(0.180-0.249)	(0.208-0.301)	(0.232-0.347)
7-day	<b>0.045</b>	<b>0.055</b>	<b>0.066</b>	<b>0.077</b>	<b>0.092</b>	<b>0.104</b>	<b>0.117</b>	<b>0.132</b>	<b>0.154</b>	<b>0.173</b>
	(0.042-0.048)	(0.052-0.059)	(0.062-0.071)	(0.071-0.083)	(0.083-0.101)	(0.093-0.116)	(0.103-0.132)	(0.114-0.150)	(0.130-0.178)	(0.143-0.203)
10-day	<b>0.038</b>	<b>0.047</b>	<b>0.055</b>	<b>0.062</b>	<b>0.073</b>	<b>0.082</b>	<b>0.091</b>	<b>0.102</b>	<b>0.118</b>	<b>0.131</b>
	(0.036-0.040)	(0.044-0.050)	(0.052-0.059)	(0.058-0.067)	(0.067-0.079)	(0.074-0.090)	(0.082-0.102)	(0.090-0.115)	(0.102-0.135)	(0.112-0.152)
20-day	<b>0.029</b>	<b>0.035</b>	<b>0.040</b>	<b>0.044</b>	<b>0.050</b>	<b>0.054</b>	<b>0.059</b>	<b>0.064</b>	<b>0.072</b>	<b>0.078</b>
	(0.027-0.030)	(0.033-0.037)	(0.038-0.042)	(0.041-0.046)	(0.046-0.053)	(0.050-0.059)	(0.054-0.064)	(0.058-0.071)	(0.064-0.080)	(0.068-0.088)
30-day	<b>0.024</b>	<b>0.030</b>	<b>0.033</b>	<b>0.037</b>	<b>0.041</b>	<b>0.045</b>	<b>0.048</b>	<b>0.052</b>	<b>0.057</b>	<b>0.061</b>
	(0.023-0.026)	(0.028-0.031)	(0.032-0.035)	(0.035-0.039)	(0.039-0.044)	(0.042-0.048)	(0.045-0.052)	(0.047-0.056)	(0.051-0.063)	(0.055-0.068)
45-day	<b>0.021</b>	<b>0.026</b>	<b>0.029</b>	<b>0.031</b>	<b>0.034</b>	<b>0.037</b>	<b>0.039</b>	<b>0.042</b>	<b>0.045</b>	<b>0.047</b>
	(0.020-0.022)	(0.025-0.027)	(0.028-0.030)	(0.030-0.033)	(0.033-0.036)	(0.035-0.039)	(0.037-0.042)	(0.039-0.045)	(0.041-0.049)	(0.043-0.052)
60-day	<b>0.019</b>	<b>0.023</b>	<b>0.026</b>	<b>0.027</b>	<b>0.030</b>	<b>0.032</b>	<b>0.034</b>	<b>0.035</b>	<b>0.038</b>	<b>0.040</b>
	(0.018-0.020)	(0.022-0.024)	(0.024-0.027)	(0.026-0.029)	(0.029-0.031)	(0.030-0.034)	(0.032-0.036)	(0.033-0.038)	(0.035-0.041)	(0.037-0.043)

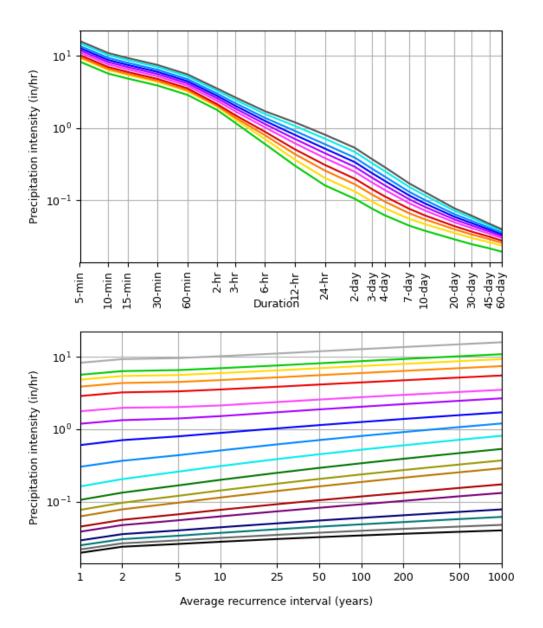
<sup>1</sup> Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

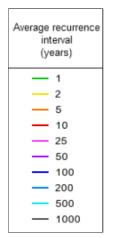
Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

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### **PF** graphical







Duration							
5-min	2-day						
10-min	— 3-day						
15-min	— 4-day						
30-min	— 7-day						
	— 10-day						
2-hr	— 20-day						
— 3-hr	— 30-day						
— 6-hr	— 45-day						
- 12-hr	- 60-day						
24-hr							

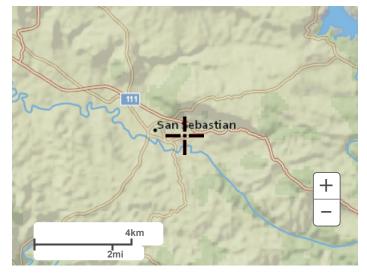
NOAA Atlas 14, Volume 3, Version 4

Created (GMT): Mon Jan 8 04:16:06 2024

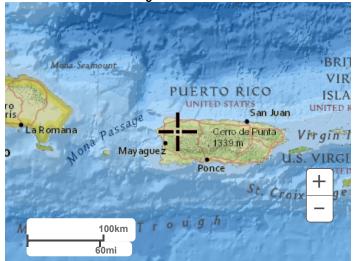
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Maps & aerials

Small scale terrain



Large scale terrain



Large scale map



Large scale aerial

Precipitation Frequency Data Server



Back to Top

US Department of Commerce <u>National Oceanic and Atmospheric Administration</u> <u>National Weather Service</u> <u>National Water Center</u> 1325 East West Highway Silver Spring, MD 20910 Questions?: <u>HDSC.Questions@noaa.gov</u>

**Disclaimer** 

# Irregular Channel Manning Uniform Flow Calculator

# Printable Title

Printa	ble S	ubtitle												
Inputs														
Water surface elevation 4 in V Results														
Channe	l slope, S	·	.005 rise/run ✓ Q 1.94 cfs ✓											
Cross s	ection p	oints <u>+</u> /-	(or Copy/F	Paste using	g data a	irea)								
Point					Segme	nt		Region	1			_		
Sta	Elev	n for seg-	R <sub>h</sub> , Q region	Bot. shear	т	Pw	A	R <sub>h</sub>	Comp. v		Hv	H <sub>v</sub> <sub>E</sub> Q		
in 🗸	in 🗸	ment	boundary (Bank)	τ psf ∽	in 🗸	in 🗸	sq. in. 🗸	in 🗸	n	ft/sec ∽	c 🗸 in 🗸 Fr	cfs	~	
0	6			0.00										
6	6	0.013		0.00	0.00	0.00	0.00	NaN	NaN	NaN	NaN	NaN	0.00	
6	0	0.013		0.10	0.00	0.00	0.00							
24	0	0.013		0.10	18.00	18.00	72.00							
24	6	0.013		0.00	0.00	0.00	0.00	4.00	0.01	3.89	2.82	0.00	1.94	
30	6	0.013	<ul> <li>Image: A set of the set of the</li></ul>	0.00	0.00	0.00	0.00	NaN	NaN	NaN	NaN	NaN	0.00	
		5		e				ю			•			
č	0.0	0.0		0.01			0.0	0.01						

# Notes

# Composite n

This calculator follows HEC-RAS Reference Manual in calculating region composite n using Chow 1959, page 136, equation 6-17 (not 6-18).

# **Rock lining**

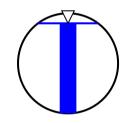
Use the Manning Trapezoidal Channel Calculator to design rock lining. This calculator is more for natural sections.

# Manning Formula Uniform Pipe Flow at Given Slope and Depth

# **Printable Title**

# Printable Subtitle

			Results					
			Flow depth, y	16.2000	in 🗸			
			Flow area, a	0.1556	m^2 🗸			
			Pipe area, a0	0.1642	m^2 🗸			
Inputs			Relative area, a/a0	0.9480	fraction 🗸			
Pipe diameter, d <sub>0</sub>		in 🗸	Wetted perimeter, P <sub>w</sub>	44.9656	in 🗸			
	18		Hydraulic radius, R <sub>h</sub>	5.3647	in 🗸			
<u>Manning roughness, n</u>	0.013		Top width, T	10.8000	in 🖌			
Pressure slope (possibly $\frac{2}{2}$ equal to pipe slope), S <sub>0</sub>	0.005	rise/run ∽	Velocity, v	4.7254	ft/sec ►			
Relative flow depth, y/d <sub>0</sub>	0.9	fraction ~	Velocity head, h <sub>v</sub>	0.1058	m H2O 🛛 🗸			
	0.9		Froude number, F	0.61				
			Average shear stress (tractive force), tau	0.1395	psf 🗸			
			Flow, Q (See notes)	7.9156	cfs 🗸			
			Full flow, Q0	7.4270	cfs 🗸			
			Ratio to full flow, Q/Q0	1.0658	fraction 🗸			



### Notes:

# This is the flow and depth inside an *infinitely long* pipe.

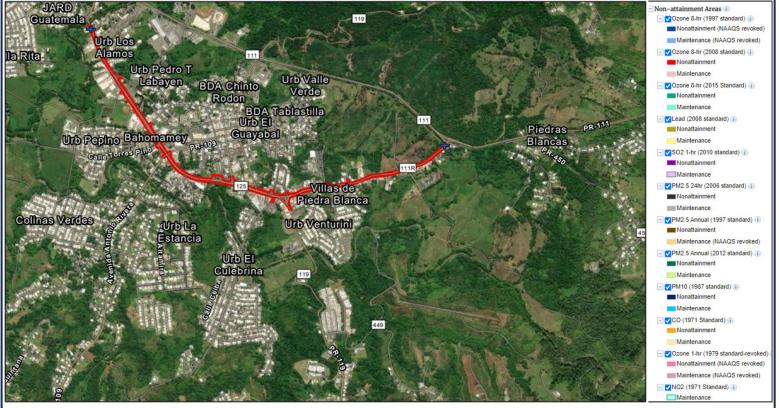
Getting the flow into the pipe may require significantly higher headwater depth. Add at least 1.5 times the velocity head to get the headwater depth or <u>see my 2-minute tutorial</u> for standard culvert headwater calculations using HY-8.

https://www.hawsedc.com/engcalcs/Manning-Pipe-Flow.php

# Exhibit 4: Air Quality – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578

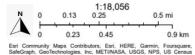




April 9, 2023

Ave. Americo Estrada Rivera

Project Points



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

https://nepassisttool.epa.gov/nepass epamap.aspx

#### Exhibit No. 4a: EPA Greenbook - Current Nonattainment Counties for All Criteria Pollutants -PR-CRP-000342

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

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578

# **Current Nonattainment Counties for All Criteria Pollutants**

Data is current as of March 31, 2023

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

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

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

ALASKA	
Fairbanks North Star Bord	
	*Fairbanks, AK - (Serious)
ARIZONA Cochise County	
<i>PM-10 (1987)</i>	*Cochise County; Paul Spur/Douglas planning area, AZ - (Moderate)
Gila County	Coeffice County, I auf Spui/Douglas plaining area, AZ - (Noderate)
	*Hayden, AZ
PM-10 (1987)	*Hayden, AZ - (Moderate)
PM-10 (1987)	*Miami, AZ - (Moderate)
Sulfur Dioxide (2010)	*Hauden AZ
Sulfur Dioxide (2010) Sulfur Dioxide (2010)	*Miami AZ
8-Hour Ozone (2015)	*Phoenix-Mesa, AZ - (Moderate)
Maricopa County	Thounk West, The (Woderate)
	*Maricopa and Pinal Counties; Phoenix planning area, AZ - (Serious)
8-Hour Ozone (2008)	*Phoenix-Mesa, AZ - (Moderate)
8-Hour Ozone (2015)	*Phoenix-Mesa, AZ - (Moderate)
Pima County	
	*Pima County; Rillito planning area, AZ - (Moderate)
Pinal County	
	*Hayden, AZ
	*Hayden, AZ - (Moderate)
PM-10 (1987)	*Maricopa and Pinal Counties; Phoenix planning area, AZ - (Serious)
	*Miami, AZ - (Moderate)
PM-10 (1987)	*Pinal County (part); West Pinal, AZ - (Serious)
PM-2.5 (2006)	*West Central Pinal, AZ - (Moderate)
Sulfur Dioxide (1971)	*Hayden (Pinal County), AZ
Sulfur Dioxide (2010)	*Hayden, AZ
8-Hour Ozone (2008)	*Phoenix-Mesa, AZ - (Moderate)
	*Phoenix-Mesa, AZ - (Moderate)
Santa Cruz County	
	*Santa Cruz County; Nogales planning area, AZ - (Moderate)
Yuma County	
	*Yuma, AZ - (Moderate)
8-Hour Ozone (2015)	*Yuma, AZ - (Marginal)
CALIFORNIA	
Alameda County	San Francisco Dev Area CA (Madameta)
PM-2.5 (2006)	San Francisco Bay Area, CA - (Moderate)
	San Francisco Bay Area, CA - (Marginal)
Amador County	San Francisco Bay Area, CA - (Marginal)
	Amador County, CA - (Marginal)
Butte County	Amador County, CA - (Marginar)
	Chico (Butte County), CA - (Marginal)
8-Hour Ozone (2005)	Butte County, CA - (Marginal)
Calaveras County	Butte County, Or (Warginar)
	Calaveras County, CA - (Marginal)
8-Hour Ozone (2015)	Calaveras County, CA - (Marginal)
Contra Costa County	caraterias county, err (magnat)
PM-2.5 (2006)	San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008)	San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015)	
El Dorado County	
	*Sacramento, CA - (Moderate)
	*Sacramento Metro, CA - (Severe 15)
	*Sacramento Metro, CA - (Serious)
Fresno County	
PM-2.5 (1997)	San Joaquin Valley, CA - (Serious)
PM-2.5 (2006)	San Joaquin Valley, CA - (Serious)

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

8-Hour Ozone (2008) \*Morongo Band of Mission Indians, CA - (Severe 15)

8-Hour Ozone (2008) \*Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)

8-Hour Ozone (2008) \*Riverside County (Coachella Valley), CA - (Severe 15)

8-Hour Ozone (2015) \*Los Angeles-South Coast Air Basin, CA - (Extreme)

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

8-Hour Ozone (2008) \*Ventura County, CA - (Serious) 8-Hour Ozone (2015) \*Ventura County, CA - (Serious) Yolo County \*Sacramento, CA - (Moderate) PM-2.5 (2006) 8-Hour Ozone (2008) Sacramento Metro, CA - (Severe 15) 8-Hour Ozone (2015) Sacramento Metro, CA - (Serious) **COLORADO** Adams County 8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15) 8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate) Arapahoe County 8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15) 8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate) Boulder County 8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15) 8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate) **Broomfield** County 8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15) 8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate) Denver County 8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15) 8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate) **Douglas** County 8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15) 8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate) Jefferson County 8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15) 8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate) Larimer County 8-Hour Ozone (2008) \*Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15) 8-Hour Ozone (2015) \*Denver Metro/North Front Range, CO - (Moderate) Weld County 8-Hour Ozone (2008) \*Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15) 8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate) CONNECTICUT Fairfield County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Hartford County 8-Hour Ozone (2008) Greater Connecticut, CT - (Serious) 8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate) Litchfield County 8-Hour Ozone (2008) Greater Connecticut, CT - (Serious) 8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate) Middlesex County 8-Hour Ozone (2008) New York-N. New Jersev-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) New Haven County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) New London County 8-Hour Ozone (2008) Greater Connecticut, CT - (Serious) 8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate) Tolland County 8-Hour Ozone (2008) Greater Connecticut, CT - (Serious) 8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate) Windham County 8-Hour Ozone (2008) Greater Connecticut, CT - (Serious) 8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate) DELAWARE New Castle County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Sussex County 8-Hour Ozone (2008) Seaford, DE - (Marginal) **DISTRICT OF COLUMBIÁ** District of Columbia 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) **GUAM** Guam Sulfur Dioxide (1971)\*Piti, GU Sulfur Dioxide (1971)\*Tanguisson, GU Sulfur Dioxide (2010)\*Piti-Cabras, GU **IDAHO** Bannock County PM-10 (1987) \*Power-Bannock Counties; Fort Hall Indian Reservation, ID - (Moderate) Power County PM-10 (1987) \*Power-Bannock Counties; Fort Hall Indian Reservation, ID - (Moderate) ILLINOIS Cook County

8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate) **DuPage** County 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate) Grundy County 8-Hour Ozone (2015) \* Chicago, IL-IN-WI - (Moderate) Kane County 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate) Kendall County 8-Hour Ozone (2015) \* Chicago, IL-IN-WI - (Moderate) Lake County 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate) Madison County Sulfur Dioxide (2010)\*Alton Township, IL 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate) McHenry County 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate) Monroe County 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate) St. Clair County 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate) Will County 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate) INDIANA Huntington County Sulfur Dioxide (2010)\*Huntington, IN Lake County 8-Hour Ozone (2015) \* Chicago, IL-IN-WI - (Moderate) Porter County 8-Hour Ózone (2015) \* Chicago, IL-IN-WI - (Moderate) IOWA Muscatine County Sulfur Dioxide (2010)\*Muscatine, IA **KANSAS** Saline County Lead (2008) \*Saline County, KS **KENTUCKY** Boone County 8-Hour Ozone (2015) \*Cincinnati, OH-KY - (Moderate) **Bullitt County** 8-Hour Ozone (2015) Louisville, KY-IN - (Moderate) Campbell County 8-Hour Ozone (2015) \*Cincinnati, OH-KY - (Moderate) Henderson County Sulfur Dioxide (2010)\*Henderson-Webster Counties, KY Jefferson County 8-Hour Ozone (2015) Louisville, KY-IN - (Moderate) Kenton County 8-Hour Ozone (2015) \*Cincinnati, OH-KY - (Moderate) Oldham County 8-Hour Ozone (2015) Louisville, KY-IN - (Moderate) Webster County Sulfur Dioxide (2010)\*Henderson-Webster Counties, KY LOUISIAŇA **Evangeline Parish** Sulfur Dioxide (2010)\*Evangeline Parish (Partial), LA St. Bernard Parish Sulfur Dioxide (2010) St. Bernard Parish, LA MARYLAND Anne Arundel County Sulfur Dioxide (2010)\*Anne Arundel County and Baltimore County, MD 8-Hour Ozone (2008) Baltimore, MD - (Moderate) 8-Hour Ozone (2015) Baltimore, MD - (Moderate) **Baltimore County** Sulfur Dioxide (2010)\*Anne Arundel County and Baltimore County, MD 8-Hour Ozone (2008) Baltimore, MD - (Moderate) 8-Hour Ozone (2015) Baltimore, MD - (Moderate) Baltimore city 8-Hour Ozone (2008) Baltimore, MD - (Moderate) 8-Hour Ozone (2015) Baltimore, MD - (Moderate) Calvert County 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Carroll County 8-Hour Ozone (2008) Baltimore, MD - (Moderate) 8-Hour Ozone (2015) Baltimore, MD - (Moderate) Cecil County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Charles County 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Frederick County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Harford County 8-Hour Ozone (2008) Baltimore, MD - (Moderate) 8-Hour Ozone (2015) Baltimore, MD - (Moderate) Howard County 8-Hour Ozone (2008) Baltimore, MD - (Moderate) 8-Hour Ozone (2015) Baltimore, MD - (Moderate) Montgomery County 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Prince George's County 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) MASSACHUSETTS Dukes County 8-Hour Ozone (2008) Dukes County, MA - (Marginal) MICHIGAN Allegan County 8-Hour Ozone (2015) \* Allegan County, MI - (Moderate) Berrien County 8-Hour Ozone (2015) Berrien County, MI - (Moderate) Livingston County 8-Hour Ozone (2015) Detroit, MI - (Moderate) Macomb County 8-Hour Ozone (2015) Detroit, MI - (Moderate) Monroe County 8-Hour Ozone (2015) Detroit, MI - (Moderate) Muskegon County 8-Hour Ozone (2015) \* Muskegon County, MI - (Moderate) Oakland County 8-Hour Ozone (2015) Detroit, MI - (Moderate) St. Clair County Sulfur Dioxide (2010)\*St. Clair, MI 8-Hour Ozone (2015) Detroit, MI - (Moderate) Washtenaw County 8-Hour Ozone (2015) Detroit, MI - (Moderate) Wavne County Sulfur Dioxide (2010)\*Detroit, MI 8-Hour Ozone (2015) Detroit, MI - (Moderate) **MINNESOTA** Dakota County Lead (2008) \*Eagan, MN **MISSOURI** Dent County Lead (2008) \*Iron, Dent, and Reynolds Counties, MO Franklin County 8-Hour Ozone (2015) \*St. Louis, MO-IL - (Moderate) Iron County Lead (2008) \*Iron, Dent, and Reynolds Counties, MO Jefferson County Lead (1978) \*Jefferson County (part); Herculaneum, MO Lead (2008) \*Jefferson County, MO 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate) New Madrid County Sulfur Dioxide (2010)\*New Madrid County, MO Reynolds County Lead (2008) \*Iron, Dent, and Reynolds Counties, MO St. Charles County 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate) St. Louis County 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate) St. Louis city 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate) MONTANA Lake County PM-10 (1987) \*Lake County; Polson, MT - (Moderate) PM-10 (1987) \*Lake County; Ronan, MT - (Moderate) Lincoln County PM-2.5 (1997) \*Libby, MT - (Moderate) Rosebud County PM-10 (1987) \*Rosebud County; Lame Deer, MT - (Moderate) Yellowstone County Sulfur Dioxide (1971)\*Laurel Area (Yellowstone County), MT **NEVADA** Clark County 8-Hour Ozone (2015) \*Las Vegas, NV - (Moderate) **NEW JERSEY** Atlantic County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Bergen County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) **Burlington** County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Camden County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Cape May County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Cumberland County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Essex County 8-Hour Özone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Gloucester County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Hudson County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Hunterdon County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Mercer County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Middlesex County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Monmouth County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Morris County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Ocean County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Passaic County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Salem County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Somerset County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Sussex County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Union County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Warren County Sulfur Dioxide (1971)\*Warren County, NJ 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) NEW MEXICO Dona Ana County PM-10 (1987) \*Dona Ana County; Anthony, NM - (Moderate) 8-Hour Ozone (2015) \*El Paso-Las Cruces, TX-NM - (Marginal) **NEW YORK** Bronx County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Chautauqua County 8-Hour Ozone (2008) Jamestown, NY - (Marginal) Kings County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Nassau County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) New York County PM-10 (1987) New York County, NY - (Moderate) 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Queens County

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8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Richmond County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Rockland County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) St. Lawrence County Sulfur Dioxide (2010)\*St. Lawrence County, NY Suffolk County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) Westchester County 8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15) 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate) OHIO Cuyahoga County 8-Hour Ozone (2015) Cleveland, OH - (Moderate) Geauga County 8-Hour Ozone (2015) Cleveland, OH - (Moderate) Lake County 8-Hour Ozone (2015) Cleveland, OH - (Moderate) Lorain County 8-Hour Ozone (2015) Cleveland, OH - (Moderate) Medina County 8-Hour Ozone (2015) Cleveland, OH - (Moderate) Morgan County Sulfur Dioxide (2010)\*Muskingum River, OH Portage County 8-Hour Ozone (2015) Cleveland, OH - (Moderate) Summit County 8-Hour Ozone (2015) Cleveland, OH - (Moderate) Washington County Sulfur Dioxide (2010)\*Muskingum River, OH OREGON Klamath County \*Klamath Falls, OR - (Moderate) PM-2.5 (2006) PENNSYLVANIA Allegheny County PM-2.5 (1997) \*Liberty-Clairton, PA - (Moderate) PM-2.5 (2006) PM-2.5 (2012) \*Liberty-Clairton, PA - (Moderate) Allegheny County, PA - (Moderate) Sulfur Dioxide (2010)\*Allegheny, PA 8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal) Armstrong County Sulfur Dioxide (1971)\*Armstrong County: Madison, Mahoning, Boggs, Washington, Pine, PA Sulfur Dioxide (2010)\*Indiana, PA 8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal) Beaver County Lead (2008) \*Lower Beaver Valley, PA Sulfur Dioxide (2010)\*Beaver, PA 8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal) Berks County Lead (2008) \*Lyons, PA Lead (2008) \*North Reading, PA 8-Hour Ozone (2008) Reading, PA - (Marginal) **Bucks** County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Butler County 8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal) Carbon County 8-Hour Ozone (2008) Allentown-Bethlehem-Easton, PA - (Marginal) Chester County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Delaware County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Fayette County 8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal) Indiana County Sulfur Dioxide (2010) Indiana, PA Lancaster County 8-Hour Ozone (2008) Lancaster, PA - (Marginal) Lehigh County 8-Hour Ozone (2008) Allentown-Bethlehem-Easton, PA - (Marginal) Montgomery County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

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8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Northampton County 8-Hour Ozone (2008) Allentown-Bethlehem-Easton, PA - (Marginal) Philadelphia County 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal) 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate) Warren County Sulfur Dioxide (2010)\*Warren, PA Washington County 8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal) Westmoreland County 8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal) **PUERTO RICO** Arecibo Municipio Lead (2008) \*Arecibo, PR Bayamon Municipio Sulfur Dioxide (2010)\*San Juan, PR Catano Municipio Sulfur Dioxide (2010) San Juan, PR Guaynabo Municipio Šulfur Dioxide (2010)\*San Juan, PR Salinas Municipio Sulfur Dioxide (2010)\*Guayama-Salinas, PR San Juan Municipio Sulfur Dioxide (2010)\*San Juan, PR Toa Baja Municipio Sulfur Dioxide (2010)\*San Juan, PR TENNESSĚE Sullivan County Sulfur Dioxide (2010)\*Sullivan County, TN TEXAS Anderson County Sulfur Dioxide (2010)\*Freestone and Anderson Counties, TX Bexar County 8-Hour Ozone (2015) San Antonio, TX - (Moderate) Brazoria County 8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15) 8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate) Chambers County 8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15) 8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate) Collin County 8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15) 8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate) Dallas County 8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15) 8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate) Denton County 8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15) 8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate) El Paso County PM-10 (1987) \*El Paso County, TX - (Moderate) 8-Hour Ozone (2015) El Paso-Las Cruces, TX-NM - (Marginal) Ellis County 8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15) 8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate) Fort Bend County 8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15) 8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate) Freestone County Sulfur Dioxide (2010)\*Freestone and Anderson Counties, TX Galveston County 8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15) 8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate) Harris County 8-Hour Ózone (2008) Houston-Galveston-Brazoria, TX - (Severe 15) 8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate) Howard County Sulfur Dioxide (2010)\*Howard County, TX Hutchinson County Sulfur Dioxide (2010)\*Hutchinson County, TX Johnson County 8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15) 8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate) Kaufman County 8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15) 8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate) Liberty County 8-Hour Ozone (2008) Houston-Galveston-Brazoria. TX - (Severe 15) Montgomery County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15) 8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate) Navarro County Sulfur Dioxide (2010)\*Navarro County, TX Panola County Sulfur Dioxide (2010)\*Rusk and Panola Counties, TX Parker County 8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15) 8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate) Rockwall County 8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15) Rusk County Sulfur Dioxide (2010)\*Rusk and Panola Counties, TX Tarrant County 8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15) 8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate) **Titus County** Sulfur Dioxide (2010)\*Titus County, TX Waller County 8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15) Wise County 8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15) 8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate) UTAH Box Elder County PM-2.5 (2006) \*Salt Lake City, UT - (Serious) **Davis County** PM-2.5 (2006) Salt Lake City, UT - (Serious) 8-Hour Ozone (2015) Northern Wasatch Front, UT - (Moderate) **Duchesne** County 8-Hour Ozone (2015) \*Uinta Basin, UT - (Marginal) Salt Lake County PM-2.5 (2006) Salt Lake City, UT - (Serious) Sulfur Dioxide (1971) Salt Lake County, UT 8-Hour Ozone (2015) Northern Wasatch Front, UT - (Moderate) **Tooele County** \*Salt Lake City, UT - (Serious) PM-2.5 (2006) Sulfur Dioxide (1971)\*Tooele County, UT 8-Hour Ozone (2015) \*Northern Wasatch Front, UT - (Moderate) Uintah County 8-Hour Ozone (2015) \*Uinta Basin, UT - (Marginal) Utah County PM-2.5 (2006) \*Provo, UT - (Serious) 8-Hour Ozone (2015) \*Southern Wasatch Front, UT - (Marginal) Weber County PM-2.5 (2006) \*Salt Lake City, UT - (Serious) 8-Hour Ozone (2015) \*Northern Wasatch Front, UT - (Moderate) VIRGINIA Alexandria city 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Arlington County 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Fairfax County 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Fairfax city 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Falls Church city 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Giles County Sulfur Dioxide (2010)\*Giles County, VA Loudoun County 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Manassas Park city 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) Manassas city 8-Hour Özone (2015) Washington, DC-MD-VA - (Moderate) Prince William County 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate) WASHINGTON Whatcom County Sulfur Dioxide (2010)\*Whatcom County, WA WISCONŠIN Kenosha County 8-Hour Ozone (2015) \* Chicago, IL-IN-WI - (Moderate) Milwaukee County 8-Hour Ozone (2015) Milwaukee, WI - (Moderate) Ozaukee County 8-Hour Ozone (2015) Milwaukee, WI - (Moderate) Racine County 8-Hour Ozone (2015) \*Milwaukee, WI - (Moderate)

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

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2023-03-31

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

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

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

Data is current as of September 30, 2024

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

\* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 μg/m<sup>3</sup>) 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:

Important Note	es		Do	wnload National	Dataset: dbf	xls	Data diction	ary (PDF)
County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
PUERTO RI	CO							
Arecibo Municipio	Lead (2008)	Arecibo, PR	11/12/13/14/15/16/17/18/192021/2223/24	//		Part	32,185	72/013
Bayamon Municipio	(2010)	San Juan, PR	18192021222324	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	929394959697989900010203040506070809	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama- Salinas, PR	18192021222324	//		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	18192021222324	//		Part	52,441	72/137

Important Notes

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2024-09-30

# Exhibit 5: Coastal Zone Land Boundary – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





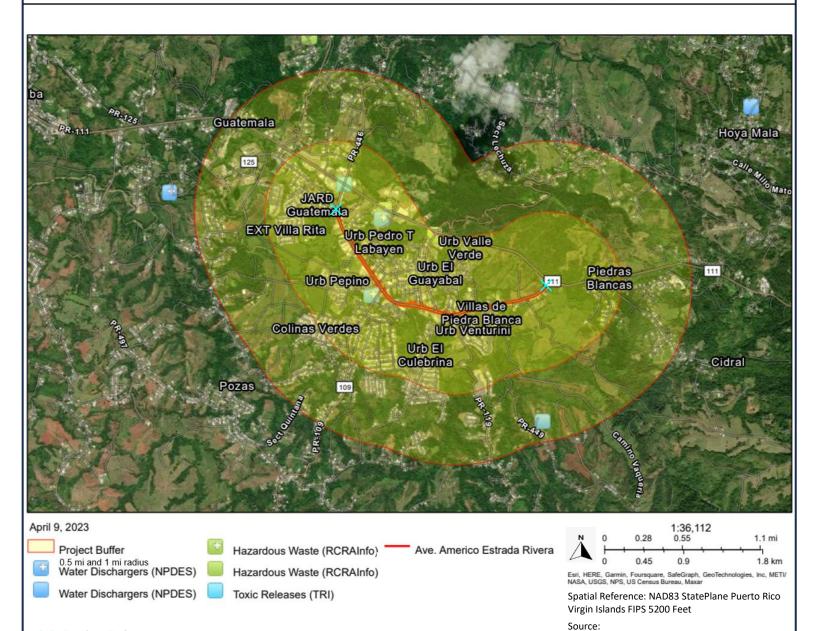
**Project Point** 

https://drnapmzc.maps.arcgis.com/apps/ MapTools/index.html?appid=e9e1788520 a74242852b03494e739ea4

# Exhibit 6: NEPAssist Radius Map – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





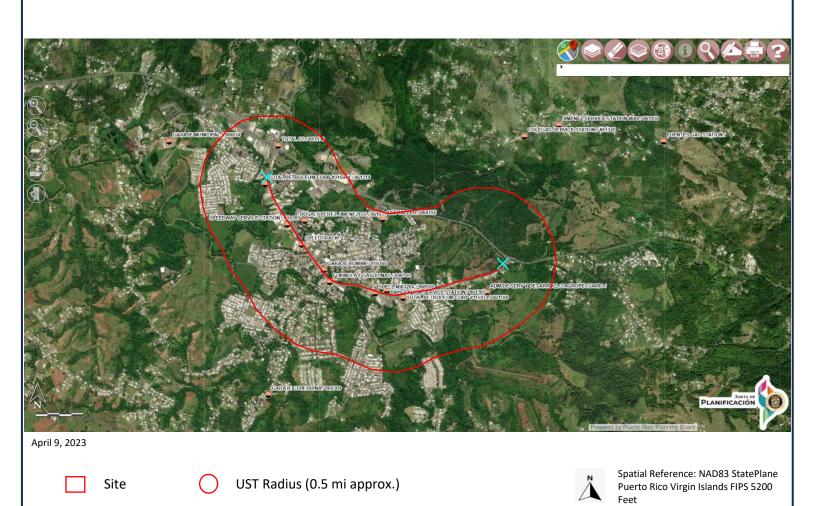
#### 🗙 Project Point

https://nepassisttool.epa.gov/nepassist/nepama p.aspx

# Exhibit 6: JP GIS UST Map – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





× Project Point

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

Exhibit 6a: NEPAssist Identified Facilities within 3,000 ft

# PR-CRP-000342 Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk, San Sebastian, PR

#### Segment 1

Report question: Within 3000 of a Water dischargers site? yes								
Modify question by entering a new buffer distance and unit for the selected study area:								
3000 feet 🗸 Submit								
Name	Distance							
SAN SEBASTIAN (SAN SEBASTIAN,PR)	2726.74 feet							
Report question: Within 3000 of a Hazardous waste site? yes         Modify question by entering a new buffer distance and unit for the selected study area:         3000       feet								
Name   KODAK RAHOLA INC (SAN SEBASTIAN,PR)	Distance 2948.86 feet							

#### Segment 2 – No Sites Identified

#### Segment 3 – No Sites Identified

#### Segment 4

Report question: Within 3000 of a Water dischargers site? yes								
Modify question by entering a new buffer distance and unit for the selected study area:								
3000 feet 🗸 Submit								
Name      SAN SEBASTIAN (SAN SEBASTIAN,PR)	Distance 1816.00 feet							
Report question: Within 3000 of a Hazardous waste site? yes	Report question: Within 3000 of a Hazardous waste site? yes							
Modify question by entering a new buffer distance and unit for the selected study area:								
3000 feet 🗸 Submit								
Name  LUMA - SAN SEBASTIAN TECHNICAL OPERATIONS OFFICE (SAN SEBASTIAN, PR)	Distance 2980.69 feet							
ESSO STANDARD OIL CO - PR CO-332 (SAN SEBASTIAN,PR)	2980.69 feet							
■ KODAK RAHOLA INC (SAN SEBASTIAN, PR)	1881.26 feet							

### Segment 5 – No Sites Identified

\*Note: The site was divided into segments in the NEPAssist website to be able to retrieve the information of the environmental reports the website provides, since due to the large area of impact of the project, NEPAssist could not produce a report when taken together.

Report question: Within 3000 of a Water dischargers site? yes								
Modify question by entering a new buffer distance and unit for the selected study area:								
3000	feet	✓ Submit						
Name			Distance 2489.91 feet					
Report question: Within 3000 of a Hazardous	waste site? y	yes						
Modify question by entering a new buffer distance	e and unit for	the selected study area:						
3000	feet	✓ Submit						
Name			Distance					
H KODAK RAHOLA INC (SAN SEBASTIAN,P	R)		2677.96 feet					

Report question: Within 3000 of a Water	dischargers site? yes	
Modify question by entering a new buffer dis	stance and unit for the selected study area	a:
3000	feet 🗸 Submit	
Name PRASA SAN SEBASTIAN (OLD) WWT	P (SAN SEBASTIAN,PR)	Distance 2942.19 feet
	'R)	1779.14 feet
Report question: Within 3000 of a Hazardous waste site? yes         Modify question by entering a new buffer distance and unit for the selected study area:         3000       feet         Submit		
Name	AN,PR)	Distance 2942.19 feet
E KODAK RAHOLA INC (SAN SEBASTIA	N,PR)	1791.77 feet

Report question: Within 3000 of a Water dischargers site? yes				
Modify question by entering a new buffer distance and unit for the selected study area:				
3000	feet	~	Submit	
Name				Distance
PRASA SAN SEBASTIAN (OLD) WWTP (SAN SEBASTIAN, PR)     2773			2773.59 feet	
E SAN SEBASTIAN (SAN SEBASTIAN,PR)     1582.67 feet				

Report question: Within 3000 of a Hazardous waste site? yes		
Modify question by entering a new buffer distance and unit for the selected study area:		
3000 feet 🗸 Submit		
Name	Distance	
E SAN SEBASTIAN STP (SAN SEBASTIAN, PR)	2773.59 feet	
LUMA - SAN SEBASTIAN TECHNICAL OPERATIONS OFFICE (SAN SEBASTIAN, PR)	2869.19 feet	
ESSO STANDARD OIL CO - PR CO-332 (SAN SEBASTIAN,PR)	2869.19 feet	
KODAK RAHOLA INC (SAN SEBASTIAN, PR)	1596.73 feet	

Report question: Within 3000 of a Water dischargers site? yes			
Modify question by entering a new buffer distance and unit for the selected study area:			
3000 feet 🗸 Submit			
Name	Distance		
PRASA SAN SEBASTIAN (OLD) WWTP (SAN SEBASTIAN, PR)	1700.09 feet		
	1088.96 feet		
Report question: Within 3000 of a Hazardous waste site? yesModify question by entering a new buffer distance and unit for the selected study area:3000feetSubmit			
■ DEPT OF ED - MANUEL MENDEZ LICIAGA SCH (SAN SEBASTIAN, PR)	Distance 2609.04 feet		
SAN SEBASTIAN STP (SAN SEBASTIAN,PR)	1700.09 feet		
■ LUMA - SAN SEBASTIAN TECHNICAL OPERATIONS OFFICE (SAN SEBASTIAN, PR)	2591.09 feet		
ESSO STANDARD OIL CO - PR CO-332 (SAN SEBASTIAN, PR)	2591.09 feet		
+ KODAK RAHOLA INC (SAN SEBASTIAN, PR)	882.17 feet		

Report question: Within 3000 of a Water dischargers site? yes			
Modify question by entering a new buffer dis	stance and unit for the se	elected study area:	
3000	feet 🗸	Submit	
Name			Distance
	P (SAN SEBASTIAN, PR	٤)	1464.50 feet
■ SAN SEBASTIAN (SAN SEBASTIAN, P	PR)		1277.13 feet

Report question: Within 3000 of a Hazardous waste site? yes		
Modify question by entering a new buffer distance and unit for the selected study area:		
3000 feet 🗸 Submit		
Name	Distance	
DEPT OF ED - MANUEL MENDEZ LICIAGA SCH (SAN SEBASTIAN, PR)     2508.30 feet		
	1464.50 feet	
E LUMA - SAN SEBASTIAN TECHNICAL OPERATIONS OFFICE (SAN SEBASTIAN, PR)	2780.84 feet	
ESSO STANDARD OIL CO - PR CO-332 (SAN SEBASTIAN, PR)	2780.84 feet	
KODAK RAHOLA INC (SAN SEBASTIAN,PR)	1002.93 feet	

Report question: Within 3000 of a Water dischargers site? yes				
Modify question by entering a new buffer distance and unit for the selected study area:				
3000	feet	~	Submit	
Name Distance				
PRASA SAN SEBASTIAN (OLD) WWTP (SAN SEBASTIAN,PR)     1026.78 feet				

Report question: Within 3000 of a Hazardous	waste site? yes		
Modify question by entering a new buffer distance	e and unit for the selec	ted study area:	
3000	feet 🗸	Submit	
Name			Distance
DEPT OF ED - MANUEL MENDEZ LICIAG/	A SCH (SAN SEBASTI	AN,PR)	2234.53 feet
	PR)		1026.78 feet
LUMA - SAN SEBASTIAN TECHNICAL OP	ERATIONS OFFICE (S	AN SEBASTIAN, PR)	2840.02 feet
ESSO STANDARD OIL CO - PR CO-332 (SAN SEBASTIAN,PR)     2840.02 feet			
KODAK RAHOLA INC (SAN SEBASTIAN,P	R)		1012.59 feet

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

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

1

3000 feet	✓ Submit
Name  PRASA SAN SEBASTIAN (OLD) WWTP (SAN SE	ASTIAN,PR) 365.73 feet
SAN SEBASTIAN (SAN SEBASTIAN, PR)	1512.85 feet
	ATION (SAN SEBASTIÁN,PR) 2632.59 feet
E CAMPO REAL PUMP STATION (LAS PIEDRAS, F	2713.78 feet
Report question: Within 3000 of a Hazardous waste	site? yes
Modify question by entering a new buffer distance and	nit for the selected study area:
3000 feet	✓ Submit
Name	Distance
E DEPT OF ED - MANUEL MENDEZ LICIAGA SCH	SAN SEBASTIAN,PR) 1530.70 feet
SAN SEBASTIAN STP (SAN SEBASTIAN,PR)	365.73 feet
LUMA - SAN SEBASTIAN TECHNICAL OPERATI	NS OFFICE (SAN SEBASTIAN,PR) 2851.00 feet
ESSO STANDARD OIL CO - PR CO-332 (SAN SE	BASTIAN,PR) 2851.00 feet
WALGREENS #361 (SAN SEBASTIAN,PR)     ■	2953.92 feet
KODAK RAHOLA INC (SAN SEBASTIAN, PR)	1117.15 feet

n n

Report question: Within 3000 of a Water dischargers site? yes	
Modify question by entering a new buffer distance and unit for the selected study area:	
3000 feet 🗸 Submit	
Name PRASA SAN SEBASTIAN (OLD) WWTP (SAN SEBASTIAN,PR)	Distance 530.51 feet
	1121.44 feet
SAN SEBASTIÁN SHOPPING CENTER PUMP STATION (SAN SEBASTIÁN, PR)	2652.69 feet
	2720.59 feet
Report question: Within 3000 of a Hazardous waste site? yes	
Modify question by entering a new buffer distance and unit for the selected study area:	
3000 feet 🗸 Submit	
Name	Distance
E DEPT OF ED - MANUEL MENDEZ LICIAGA SCH (SAN SEBASTIAN,PR)	1578.02 feet
■ SAN SEBASTIAN STP (SAN SEBASTIAN,PR)	530.51 feet
LUMA - SAN SEBASTIAN TECHNICAL OPERATIONS OFFICE (SAN SEBASTIAN, PR)	2632.60 feet
ESSO STANDARD OIL CO - PR CO-332 (SAN SEBASTIAN,PR)	2632.60 feet
WALGREENS #361 (SAN SEBASTIAN,PR)	2969.38 feet
+ KODAK RAHOLA INC (SAN SEBASTIAN, PR)	831.91 feet

Report question: Within 3000 of a Water dischargers site? yes		
Modify question by entering a new buffer distance and unit for the selected study area:		
3000 feet 🗸 Submit		
Name	Distance	
PRASA SAN SEBASTIAN (OLD) WWTP (SAN SEBASTIAN, PR)	498.78 feet	
SAN SEBASTIAN (SAN SEBASTIAN,PR)	1558.40 feet	
	2312.21 feet	
CAMPO REAL PUMP STATION (LAS PIEDRAS, PR)	2401.63 feet	
Report question: Within 3000 of a Hazardous waste site? yes		
Modify question by entering a new buffer distance and unit for the selected study area:		
3000 feet 🗸 Submit		
Name	Distance	
EPT OF ED - MANUEL MENDEZ LICIAGA SCH (SAN SEBASTIAN, PR)     ■	1204.92 feet	
■ SAN SEBASTIAN STP (SAN SEBASTIAN, PR)	498.78 feet	
LUMA - SAN SEBASTIAN TECHNICAL OPERATIONS OFFICE (SAN SEBASTIAN, PR)	2675.91 feet	
	2983.83 feet	
ESSO STANDARD OIL CO - PR CO-332 (SAN SEBASTIAN, PR)	2675.91 feet	
WALGREENS #361 (SAN SEBASTIAN,PR)	2635.73 feet	
KODAK RAHOLA INC (SAN SEBASTIAN, PR)	1160.22 feet	

### Segment 15

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

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

3000	feet	✓ Submit	
Name			Distance 405.15 feet
	TP (SAN SEBASTIA	AN,PR)	405.15 feet
	,PR)		1712.61 feet
	ER PUMP STATION	(SAN SEBASTIÁN,PR)	2106.76 feet
E CAMPO REAL PUMP STATION (LAS	PIEDRAS,PR)		2239.72 feet
Report question: Within 3000 of a Haz	ardous waste site?	yes '	
Modify question by entering a new buffer	distance and unit fo	or the selected study area:	
3000	feet	✓ Submit	
Name			Distance
DEPT OF ED - MANUEL MENDEZ	LICIAGA SCH (SAN	SEBASTIAN,PR)	941.20 feet
	STIAN,PR)		405.15 feet
LUMA - SAN SEBASTIAN TECHNIC	CAL OPERATIONS (	OFFICE (SAN SEBASTIA	N,PR) 2802.36 feet
E C A PETROLERA CARIBE (SAN SE	BASTIAN,PR)		2601.80 feet
ESSO STANDARD OIL CO - PR CO	-332 (SAN SEBAST	(IAN,PR)	2802.36 feet
■ WALGREENS #361 (SAN SEBAST	IAN,PR)		2439.47 feet
+ KODAK RAHOLA INC (SAN SEBAS	TIAN,PR)		1316.66 feet

Report question: Within 3000 of a Toxic releases site? yes						
Modify question by entering a new buffer distance and unit for the selected study area:						
3000	feet	~	Submit			
Name	Distance 2262.05 feet					

Report question: Within 3000 of a Water dischargers site? yes						
Modify question by entering a new buffer distance and unit for the selected study area:						
3000	feet 🗸	Submit				
Name			Distance			
	585.55 feet					
	1729.39 feet					
	1420.24 feet					
E CAMPO REAL PUMP STATION (LAS PIEL	1672.31 feet					

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

Modify question by entering a new buffer distance and unit for the selected study area:						
3000	feet	✓ Sub	mit			
Name  DEPT OF ED - MANUEL MENDEZ LIC	AGA SCH (SAN	SEBASTIAN,PR	)	Distance 517.81 feet		
ESSO STANDARD OIL CO - PR DO-4	2354.58 feet					
SAN SEBASTIAN STP (SAN SEBAST	585.55 feet					
LUMA - SAN SEBASTIAN TECHNICAN	2657.14 feet					
C A PETROLERA CARIBE (SAN SEBA	1328.40 feet					
ESSO STANDARD OIL CO - PR CO-3	2657.14 feet					
WALGREENS #361 (SAN SEBASTIAN	I,PR)			1717.58 feet		
■ AVON LOMALINDA INC (SAN SEBAS)	TIAN,PR)			2262.05 feet		
+ KODAK RAHOLA INC (SAN SEBASTI	AN,PR)			1366.22 feet		

Report question: Within 3000 of a Toxic releases site? yes				
Modify question by entering a new buffer distance and unit for the selected study area:				
3000	feet 🗸	Submit		
Name			Distance 1092.37 feet	

Report question: Within 3000 of a Water dischargers site? yes				
Modify question by entering a new buffer distan	ce and unit for the	selected study area:		
3000	feet	<ul> <li>Submit</li> </ul>		
Name			Distance	
PRASA SAN SEBASTIAN (OLD) WWTP (SAN SEBASTIAN,PR)     786.87 feet				
			2004.53 feet	
E SAN SEBASTIÁN SHOPPING CENTER PUMP STATION (SAN SEBASTIÁN,PR)     1473.22 feet			1473.22 feet	
CAMPO REAL PUMP STATION (LAS PIEDRAS,PR)     1741.00 feet				

Report question: Within 3000 of a Hazardous waste site? yes				
Modify question by entering a new buffer distance and unit for the selected study area:				
3000 feet 🗸 Submit				
Name	Distance			
DEPT OF ED - MANUEL MENDEZ LICIAGA SCH (SAN SEBASTIAN,PR)	598.26 feet			
ESSO STANDARD OIL CO - PR DO-486 (SAN SEBASTIAN,PR)	1205.78 feet			
SAN SEBASTIAN STP (SAN SEBASTIAN, PR)	786.87 feet			
E LUMA - SAN SEBASTIAN TECHNICAL OPERATIONS OFFICE (SAN SEBASTIAN, PR)	2817.33 feet			
C A PETROLERA CARIBE (SAN SEBASTIAN, PR)	30.21 feet			
	1911.91 feet			
ESSO STANDARD OIL CO - PR CO-332 (SAN SEBASTIAN,PR)	2817.33 feet			
WALGREENS #361 (SAN SEBASTIAN,PR)	1720.31 feet			
AVON LOMALINDA INC (SAN SEBASTIAN, PR)	1092.37 feet			
KODAK RAHOLA INC (SAN SEBASTIAN, PR)	1677.39 feet			

Report question: Within 3000 of a Toxic releases site? yes			
Modify question by entering a new buffer distance and unit for the selected study area:			
3000			
Name ••• AVON LOMALINDA INC (SAN SEBAS	Distance 2164.56 feet		

Report question: Within 3000 of a Water dischargers site? yes				
Modify question by entering a new buffer distant	nce and unit for the selected study area:			
3000	feet 🗸 Submit			
Name		Distance		
PRASA SAN SEBASTIAN (OLD) WWTP (SAN SEBASTIAN,PR)     1972.66 feet				
■ SAN SEBASTIAN (SAN SEBASTIAN, PR)		2765.02 feet		
E SAN SEBASTIÁN SHOPPING CENTER PUMP STATION (SAN SEBASTIÁN,PR)     1331.23 feet				
CAMPO REAL PUMP STATION (LAS PIEDRAS,PR)     1581.11 feet				

Report question: Within 3000 of a Hazardous waste site? yes				
Modify question by entering a new buffer of	listance and unit fo	or the sele	cted study area:	
3000	feet	~	Submit	
Name				Distance
DEPT OF ED - MANUEL MENDEZ LI	CIAGA SCH (SAN	SEBAST	IAN,PR)	671.79 feet
ESSO STANDARD OIL CO - PR DO-	486 (SAN SEBAS	TIAN,PR)		2259.20 feet
■ SAN SEBASTIAN STP (SAN SEBASTIAN STP)	TIAN,PR)			1972.66 feet
LUMA - SAN SEBASTIAN TECHNICA	AL OPERATIONS	OFFICE (S	SAN SEBASTIAN, PR)	2957.13 feet
C A PETROLERA CARIBE (SAN SEBASTIAN, PR)				1213.19 feet
				2957.13 feet
WALGREENS #361 (SAN SEBASTIAN,PR)			1631.90 feet	
AVON LOMALINDA INC (SAN SEBAS	STIAN,PR)			2164.56 feet
KODAK RAHOLA INC (SAN SEBAST	IAN,PR)			2566.35 feet

Report question: Within 3000 of a Toxic releases site? yes				
Modify question by entering a new buffer distance and unit for the selected study area:				
3000 feet 🗸 Submit				
Name Distance				
AVON LOMALINDA INC (SAN SEBASTIAN,PR)			1864.65 feet	

Report question: Within 3000 of a Water dischargers site? yes				
Modify question by entering a new buffer distance and unit for the selected study area:				
3000 feet ✔ Submit				
Name	Distance			
PRASA SAN SEBASTIAN (OLD) WWTP (SAN SEBASTIAN, PR)	2121.36 feet			
	2967.10 feet			
E SAN SEBASTIÁN SHOPPING CENTER PUMP STATION (SAN SEBASTIÁN,PR)	1427.78 feet			
	1690.07 feet			

Report question: Within 3000 of a Hazardous waste site? yes				
Modify question by entering a new buffer d	istance and unit	for the sele	cted study area:	
3000	feet	~	Submit	
Name				Distance
DEPT OF ED - MANUEL MENDEZ LIC	CIAGA SCH (SA	N SEBASTI	IAN,PR)	870.18 feet
ESSO STANDARD OIL CO - PR DO-4	86 (SAN SEBAS	STIAN,PR)		1964.38 feet
	TAN,PR)			2121.36 feet
E C A PETROLERA CARIBE (SAN SEB	ASTIAN,PR)			874.07 feet
FARMACIA EL AMAL #60 (SAN SEBA	STIAN,PR)			2829.18 feet
WALGREENS #361 (SAN SEBASTIAN,PR)			1686.53 feet	
AVON LOMALINDA INC (SAN SEBASTIAN,PR)			1864.65 feet	
KODAK RAHOLA INC (SAN SEBASTI	IAN,PR)			2769.03 feet

Report question: Within 3000 of a Toxic releases site? yes				
Modify question by entering a new buffer distance and unit for the selected study area:				
3000	feet	~	Submit	
Name	IAN,PR)			Distance 1055.01 feet

Report question: Within 3000 of a Water dischargers site? yes				
Modify question by entering a new buffer distant	ce and unit for the sele	cted study area:		
3000	feet 🗸	Submit		
Name			Distance	
PRASA SAN SEBASTIAN (OLD) WWTP (3	SAN SEBASTIAN, PR)		2461.35 feet	
SAN SEBASTIÁN SHOPPING CENTER PUMP STATION (SAN SEBASTIÁN,PR)     1397.90 feet			1397.90 feet	
CAMPO REAL PUMP STATION (LAS PIEDRAS,PR)     1676.42 feet				

Report question: Within 3000 of a Hazardous waste site? yes				
Modify question by entering a new buffer distant	nce and unit fo	r the sele	cted study area:	
3000	feet	~	Submit	
Name				Distance
DEPT OF ED - MANUEL MENDEZ LICIAG	GA SCH (SAN	SEBAST	IAN,PR)	1132.08 feet
ESSO STANDARD OIL CO - PR DO-486 (	SAN SEBAST	IAN,PR)		1167.71 feet
	,PR)			2461.35 feet
E C A PETROLERA CARIBE (SAN SEBAST	IAN,PR)			22.30 feet
FARMACIA EL AMAL #60 (SAN SEBASTIAN,PR)			1908.30 feet	
+ WALGREENS #361 (SAN SEBASTIAN, PF	२)			1635.43 feet
+ AVON LOMALINDA INC (SAN SEBASTIA	N,PR)			1055.01 feet

# **Staging Area**

Report question: Within 3000 of a Water dischargers site? yes			
Modify question by entering a new buffer distance and unit for the selected study area:			
3000	feet 🗸 Submit		
Name Distance			
	N SEBASTIAN,PR)	701.41 feet	
		1703.78 feet	
SAN SEBASTIÁN SHOPPING CENTER PUM	MP STATION (SAN SEBASTIÁN,PR)	2074.35 feet	
E CAMPO REAL PUMP STATION (LAS PIEDR	(AS,PR)	2173.64 feet	

Report question: Within 3000 of a Hazardous waste site? yes				
Modify question by entering a new buffer distance and unit for the selected study area:				
3000	feet	~	Submit	
Name				Distance
E DEPT OF ED - MANUEL MENDEZ LICIA	GA SCH (SAN	SEBAST	IAN,PR)	957.47 feet
			701.41 feet	
			2582.54 feet	
∃ C A PETROLERA CARIBE (SAN SEBAS	TIAN,PR)			2751.56 feet
ESSO STANDARD OIL CO - PR CO-332	(SAN SEBAST	IAN,PR)		2582.54 feet
+ WALGREENS #361 (SAN SEBASTIAN,PR)			2400.33 feet	
KODAK RAHOLA INC (SAN SEBASTIAN	I,PR)			1374.63 feet

# I. NEPASSIST

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

# A. Brownfields:

✓ None identified by NEPAssist

# **B.** Air Emission Sites:

✓ None identified by NEPAssist

# C. Toxic Release Sites (TRI):

# Avon Lomalinda Inc (San Sebastian, PR) Distance to Site: Distance to Site: 1,055.01 feet (north) Address: 96 Ricardo Serrano Martinez Ave, San Sebastian, PR 00685 or State Rd 446 Km 09 Bo Guatemala, San Sebastian, PR 00685 FRS ID: 110042086916 TRI ID: 00755VNLMLGUATE Compliance Status: Last Reported for 2001

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

## D. Water Dischargers Sites (NPDES):

1. PRASA San Sebastian (Old) WTP

**Distance to Site:** 365.73 feet (south-west)

Address: State Rd 109 Km 29.0, San Sebastian, PR 00685

FRS ID: 110007804812

NPDS ID: PR0020851

Universe: Minor: NPDES Individual Permit - Effective -POWT

Permit Expiration Date: 04/30/2024

**Compliance Status**: No violation identified as of date of last compliance monitoring activity 02/05/2020. Six (6) quarters with reportable non compliances as of 12/31/2022.

#### **Formal Enforcement Actions:**

Case 02-2011-0007 PRASA - Puerto Nuevo Regional WWTP et al. - filed on 9/15/2015 and settled on 05/23/2016 - The facility was included in the Consent Decree (CD) that resolved the case against the Puerto Rico Aqueduct and Sewer Authority (PRASA). The proposed CD resolved the Clean Water Act enforcement litigation against PRASA for unauthorized discharges of pollutants in violation of Section 301 of the Act, and for violations of the Puerto Nuevo Wastewater Treatment Plant (Puerto Nuevo WWTP) NPDES permit. The CD consolidated three CDs that were in effect and incorporated and re-distributed the pending injunctive obligations thereunder. The Puerto Nuevo WWTP injunctive relief provided in the CD, along with that provided in the Municipality of San Juan, the Department of Natural and Environmental Resources, and the Department of Transportation and Public Works Consent Decrees, comprised the regional initiative to bring much needed relief to the impoverished Martin Pena communities. When entered by the Court, the CD will be the most complex and comprehensive CWA wastewater consent decree against a utility administered by the EPA to date. EPA included in the consolidation the violations Region 2 had documented for PRASA's Puerto Nuevo WWTP sewage collection system. These violations resolved in the proposed CD consist of discharges of pollutants (primarily, untreated sewage) into the Cano Martin Pena, Condado Lagoon, San Juan Bay and Atlantic Ocean, all of which are waters of the United States, which occurred due to poor maintenance and operation of the collection system (primarily, sanitary sewer overflows).PRASA owns and operates an immense number of facilities due to the topography of the island and the number of isolated communities that are scattered throughout Puerto Rico. PRASA operates many more treatment facilities than mainland utilities that serve a similar number of customers, which has made operation and maintenance unsustainably complex and expensive. In addition, as PRASA is a public corporation of Puerto Rico, the Commonwealth is joined in this action pursuant to Section 309(e) of the Act. **Total Federal Penalty Assessed or Agreed To:** \$0 **Total Compliance Action Cost:** \$700,000,000

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

**Total Federal Penalty Assessed or Agreed To:** \$1,000,000 **Total SEP Value:** \$2,636,747 **Compliance Action Cost:** \$1,701,100,000

# 02-2002-3139- PRASA San Sebastian STP

Case Category: Administrative – Formal- Closed on 08/08/2002 - Show Cause/Advance Wastewater Treatment Program (NPDES)ID: PR0020851. NPDES Discharge without a Permit. Effluent Limit Violations Not Otherwise Specified. Enforcement Outcome: Unilateral Administrative Order Without Adjudication

**Total Federal Penalty Assessed or Agreed To:** \$0 **Total Compliance Action Cost:** \$1,000,000

**02-1999-3051 PRASA - San Sebastian-** Administrative – Formal. Closed as of 08/30/1999. COMPLIANCE ORDER ISSUED FOR EFFLUENT LIMIT VIOLATIONS. NPDES Discharge without a Permit. Effluent Limit Violations Not Otherwise Specified. Enforcement Outcome: Unilateral Administrative Order Without Adjudication **Total Federal Penalty Assessed or Agreed To:** \$0

Total Compliance Action Cost: \$0

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

# 2. San Sebastian

Distance to Site: 1,088.96 feet (north) Address: Padre Feliciano Street #3, San Sebastian, PR 00685 FRS ID: 110054107774 NPDS ID: PRR040072 Universe: Minor; Compliance Tracking Partially Off- Urban Stormwater (Small MS4) -Expired Permit Expiration Date: 06/30/2021 Compliance Status: No significant noncompliance or high priority violation (current as of 12/31/2022)

# 3. San Sebastián Shopping Center Pump Station

Distance to Site: 1.331.23 feet (north-east) Address: PR-111 Km 20.1, San Sebastián, PR 00685 FRS ID: 110054969646 NPDS ID: PRU002771 Universe: Minor: Unpermitted Facility Permit Expiration Date: ---Compliance Status:

## **Formal Enforcement Actions:**

**02-2013-3357- Yabucoa Development, S.E.-** Administrative – Formal. Closed on 09/25/2014 - Sanitary wastewater discharges into water of the United States. Violations: Sanitary Sewer Overflows. NPDES Discharge without a Permit, NPDES Permit Violations

**Total Federal Penalty Assessed or Agreed To:** \$17,000 **Total Compliance Action Cost:** \$0

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

## 4. Campo Real Pump Station

**Distance to Site:** 1,581.11 feet (north-east, according to NEPAssist; mora than 380,000 ft east)

Address: PR-917 Km 1.9, Las Piedras, PR 00771

FRS ID: 110055172655

**NPDS ID:** PRU002776

Universe: Minor: Unpermitted Facility

**Permit Expiration Date: ---**

# **Compliance Status**:

**Formal Enforcement Actions:** 

**02-2013-3116 - H & D Development Corporation- Administrative** – Formal. Closed on 04/15/2013 - Sanitary sewage overflow caused poor operation and maintenance of Campo Real Development Pump Station. The sanitary sewage was discharged into navigable waters of the United States. Violations: Sanitary Sewer Overflows. NPDES Discharge without a Permit, NPDES Permit Violations Enforcement Outcome: Unilateral Administrative Order Without Adjudication

2-2013-3356- H & D Development Corporation- Administrative – Formal. Closed on 03/02/2016 - Sanitary sewage overflow caused poor operation and maintenance of Campo Real Development Pump Station. The sanitary sewage was discharged into navigable waters of the United States. Violations: Sanitary Sewer Overflows. NPDES Discharge without a Permit, NPDES Permit Violations Enforcement Outcome: Withdrawn by Region/State Total Federal Penalty Assessed or Agreed To: \$0 Total Compliance Action Cost: \$10,000

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

This facility is outside the 3,000 ft radius.

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

# E. Hazardous Waste (RCRA):

1. Dept Of Ed - Manuel Mendez Liciaga Sch

Distance to Site: 517.81 feet (northeast according to NEPAssist; 3,533.71 northwest, according to address)
Address: Calle Pavía Fernandez Hwy 125, San Sebastián, PR 00685-2206
FRS ID: 110007816211
RCRA ID: PRR000000919
Handler Type: Inactive Other; Not in a Universe
Compliance Status: No significant noncompliance or high priority violation as of 5/27/2023

## This facility is outside the 3,000 ft radius.

2. San Sebastian STP

Distance to Site: 365.73 feet (south-west) Address: State Rd 109 Km 29.0, San Sebastian, PR 00685 FRS ID: 110007804812 RCRA ID: PRD000691519 Handler Type: Inactive Other; Not in a Universe Compliance Status: No significant noncompliance or high priority violation as of 5/27/2023

# 3. LUMA/PREPA - San Sebastian Technical Operations Office

Distance to Site: 2,582.54 feet (north) Address: Carr 119 Int Carr 111, San Sebastian, PR 00685 FRS ID: 110043192336 RCRA ID: PRR000023481 Handler Type: Inactive Other; Not in a Universe Compliance Status: No significant noncompliance or high priority violation as of 5/27/2023

The site is identified as an Inactive LUST according to PR DNER 2020 lists (UST ID 86-0755). Known because of product in manhole February 15, 2000. Released on January 25, 2001. Because of its location with respect to the property and site topography, and the fact that it was released from further investigation, past releases at this site are not expected to have had the potential to migrate to affect the subject property.

# 4. Esso Standard Oil Co - PR Co-332 (San Sebastian, PR)

Distance to Site: 2,582.54 feet (north, according to NEPAssit; adjacent according to PRDNER) Address: Carr 119 Int Carr 111, Bo. Calabazas, San Sebastian, PR 00685 FRS ID: 110004892509 RCRA ID: PRR000003376 Handler Type: Active; Very Small Quantity Generator Compliance Status: No significant noncompliance or high priority violation as of 5/27/2023

The site is identified as an Active LUST in the PRDNER 2020 databases (UST ID 86-1188). Known because of closure high product in well on July 17, 1986. *It is unknown*  the direction of the plume and the current status of the leak. Even though it is located adjacent to the Site, site topography suggests that releases at this site are not expected to have had the potential to migrate to affect the subject property, thus it does not appear to present an environmental concern.

# 5. Kodak Rahola Inc

Distance to Site: 831.91 feet (north-east, according to NEPAssit) Address: Muñoz Rivera #6, San Sebastián, PR 00685 FRS ID: 110004889648 RCRA ID: PRD987373669 Handler Type: Inactive; Other; Not in a Universe Compliance Status: No significant noncompliance or high priority violation as of 5/27/2023

# 6. Walgreens #361

Distance to Site: 1,631.9 feet (north-east, according to NEPAssit; 1,120 ft north according to address) Address: 4145 Ave Arcadio Estrada, San Sebastián, PR 00685 FRS ID: 110066978266 RCRA ID: PRR000025411 Handler Type: Active; Very Small Quantity Generator Compliance Status: No significant noncompliance or high priority violation as of 5/27/2023

# 7. C A Petrolera Caribe

Distance To Site: 22.3 Feet (Adjacent) Address: 1500 Emerito Estrada Ave, San Sebastián, PR 00685 FRS ID: 110064155596 RCRA ID: PRR000017038 Handler Type: Active; Very Small Quantity Generator Compliance Status: No violation identified as of date of last compliance monitoring activity (06/25/2014) and no significant noncompliance or high priority violation as of

5/27/2023

The site is identified as an UST in the PRDNER 2008 database (UST ID 86-0731).

# 8. ESSO Standard Oil Co - PR DO-486

Distance to Site: 1,205.78 feet (north) Address: Carr 111 Int 446 Bo Roble, San Sebastián, PR 00685 FRS ID: 110004893152 RCRA ID: PRR000006627 Handler Type: Active; Very Small Quantity Generator Compliance Status: No significant noncompliance or high priority violation as of 5/27/2023

The site is identified as an Active LUST in the PRDNER 2020 databases (UST ID 86-1190). Known because of UST removal on May 13, 1999. It is unknown the direction of the plume and the current status of the leak. Site topography suggests that releases at this site are not expected to have had the potential to migrate to affect the subject property, thus it does not appear to present an environmental concern.

# 9. Avon Lomalinda Inc (San Sebastian, PR)

Distance to Site: Distance to Site: 1,055.01 feet (north) Address: 96 Ricardo Serrano Martinez Ave, San Sebastian, PR 00685 or State Rd 446 Km 09 Bo Guatemala, San Sebastian, PR 00685 FRS ID: 110042086916

**RCRA ID**: PRD980650709

**Handler Type:** Active; Very Small Quantity Generator **Compliance Status:** No violation identified as of date of last compliance monitoring activity 07/09/2009. No significant noncompliance or high priority violation as of 5/27/2023

# 10. Farmacia El Amal #60

Distance to Site: Distance to Site: 1,908.3 feet (northwest) Address: Carr 111 Km 17.6, San Sebastian, PR 00685 FRS ID: 110009438108 RCRA ID: PRR000013276 Handler Type: Active; Very Small Quantity Generator Compliance Status: No significant noncompliance or high priority violation as of 5/27/2023

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

# Additional information from EDR Radius Report:

# A. State Leaking UST List LUST:

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

# **ACTIVE LUSTS:**

# 1. UST ID 86-0920 Shell # 3204

Distance to Site: adjacent, according to PRDNER FRS ID: 110037263902 Address: Stat Carr 111 Int. 119 km 21, San Sebastian, PR 00685 Status: Active LUST according to PR DNER 2020 lists Known because of product in well on Sept. 23, 1996.

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

# 2. UST ID 86-1188 Esso Standard Oil Co - PR Co-332 (San Sebastian, PR)

**Distance to Site:** 2,582.54 feet (north, according to NEPAssit; adjacent according to PRDNER)

Address: Carr 119 Int Carr 111, Bo. Calabazas, San Sebastian, PR 00685 FRS ID: 110004892509

**Status:** Active LUST in the PRDNER 2020 databases. Known because of product in well on July 17, 1986.

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

# 3. UST ID 86-1190 ESSO Standard Oil Co - PR DO-486

**Distance to Site:** 1,205.78 feet (north)

Address: Carr 111 Int 446 Bo Roble, San Sebastián, PR 00685 FRS ID: 110004893152

**Status:** Active LUST in the PRDNER 2020 databases. Known because of UST removal on May 13, 1999.

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

## **INACTIVE LUSTS:**

 UST ID 86-0755 LUMA/PREPA - San Sebastian Technical Operations Office Distance to Site: 2,582.54 feet (north) Address: Carr 119 Int Carr 111, San Sebastian, PR 00685 FRS ID: 110043192336 Status: Inactive LUST according to PR DNER 2020 lists. Known because of product in manhole February 15, 2000. Released on January 25, 2001. Because of its location with respect to the property and site topography, and the fact that it was released from further investigation, past releases at this site are not expected to have had the potential to migrate to affect the subject property.

# 2. UST ID 91-0389 Speedway S/S or GPR #5097

**Distance to Site:** adjacent, according to PRDNER **FRS ID:** 110028234578

Address: Ave Emerito Estrada N 1208 or PR-111, Km 2.5, San Sebastian, PR 00685 Status: Inactive LUST according to PR DNER 2020 lists. Known because of suspected spill on June 15, 1998. Released on Sept. 29, 1999.

Even though it is located adjacent to the Site, site topography suggests that releases at this site are not expected to have had the potential to migrate to affect the subject property. Moreover, the site was released from further investigation by the PRDNER, thus it does not appear to present an environmental concern.

3. UST ID 86-1314 ESSO 3P-331

**Distance to Site:** adjacent, according to PRDNER **Address:** PR-125, Km 20.1, San Sebastian, PR 00685 **Status:** Inactive LUST according to PR DNER 2020 lists. Known because of UST removal on April 15, 1999. Released on Nov. 28, 2001. *Even though it is located adjacent to the Site, site topography suggests that releases at this site are not expected to have had the potential to migrate to affect the subject property. Moreover, the site was released from further investigation by the PRDNER, thus it does not appear to present an environmental concern.* 

# B. No facilities listed in EDR for:

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

# C. Information provided by the PRDNR:

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

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

# Segment 1



## Geographic coordinates:

Cecy aprile cost clinication in the cost clinication c

#### with buffer 3000 feet

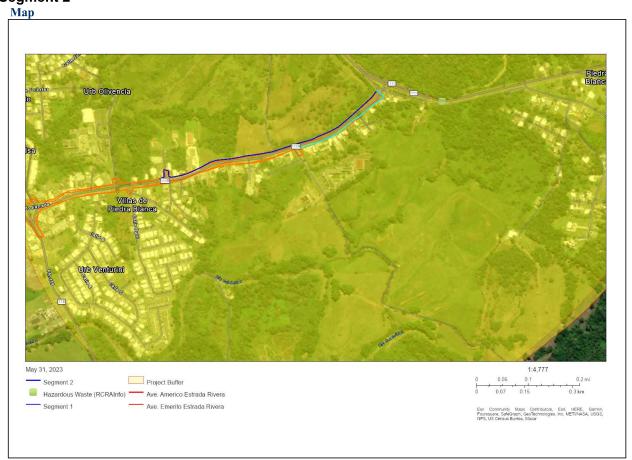
Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the EPA Regions. Click on the hyperlinked question to view the data source and associated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

Length of digitized line	0.49 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	Report Prepared off <sup>o</sup> July 2023

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

Puerto Rico Report (1) Demographic Reports(1) USFWS IPaC Report(1)





#### Geographic coordinates:

#### LINE

(18.336103,-66.976779,18.335920,-66.976543,18.335859,-66.976608,18.335757,-66.976768,18.335614,-66.976983,18.335390,-66.977230,18.335227,-6 6.977498,18.335014,-66.977745,18.334871,-66.977959,18.334759,-66.978185,18.334576,-66.978700,18.334474,-66.979011) with buffer 3000 feet

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

Length of digitized line	0.21 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	Report Prepared off <sup>o</sup> July 2023
tool one gov/neneosist/analysis conv	

	Within 3000 feet of a hazardous waste (RCRA) facility?	no
	Within 3000 feet of an air emission facility?	no
	Within 3000 feet of a school?	no
	Within 3000 feet of an airport?	no
	Within 3000 feet of a hospital?	no
	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	no
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Sa	ave to Excel Save as PDF	

Puerto Rico Report <sup>(1)</sup> Demographic Reports <sup>(1)</sup> USFWS IPaC Report <sup>(1)</sup>

#### Home | Help

# NEPAssist

# Segment 3



#### Geographic coordinates:

#### LINE

(18.334474,-66.979000,18.334321,-66.978946,18.334240,-66.979064,18.334443,-66.979182,18.334341,-66.979494,18.334229,-66.979815,18.334117,-66.980255) with buffer 3000 feet

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

#### National Report 🔍

Length of digitized line	0.11 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	no
Within 3000 feet of a hazardous waste (RCRA) facility?	no
Within 3000 feet of an air emission facility?	no
Within 3000 feet of a school?	no
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	Prepared on July 202

https://nepassisttool.epa.gov/nepassist/analysis.aspx

	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	no
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
S	ave to Excel Save as PDF	

Puerto Rico Report (1) Demographic Reports(1) USFWS IPaC Report(1)

# Segment 4



Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, N... Powered by Esri

#### Geographic coordinates:

UNE (18.333608,-66.983174,18.333547,-66.983710,18.333506,-66.984311,18.333639,-66.984364,18.333628,-66.984547,18.333455,-66.984515,18.333404,-66.984794,18.33333,-66.985201,18.333252,-66.98690,18.333252,-66.985866,18.333150,-66.986145,18.333007,-66.986500,18.332956,-66.986800,18.333109,-66.986864,18.333038,-66.987036,18.332956,-66.986982)

#### with buffer 3000 feet

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

Length of digitized line	0.29 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	yes
Within 3000 feet of a hazardous waste (RCRA) facility?	yes
Within 3000 feet of an air emission facility?	no
Within 3000 feet of a school?	Dement Dramour d and Lalar 202

	Within 3000 feet of an airport?	no
	Within 3000 feet of a hospital?	no
	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	yes
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
S	ave to Excel Save as PDF	

Puerto Rico Report (1) Demographic Reports(1) USFWS IPaC Report(1)

# Segment 5



#### Geographic coordinates:

#### LINE

(18.334127,-66.980180,18.334097,-66.980298,18.334066,-66.980427,18.334026,-66.980652,18.334005,-66.980867,18.334026,-66.981081,18.334026,-6 6.981232,18.333975,-66.981371,18.333914,-66.981586,18.333822,-66.981950,18.333730,-66.982154) with buffer 3000 feet

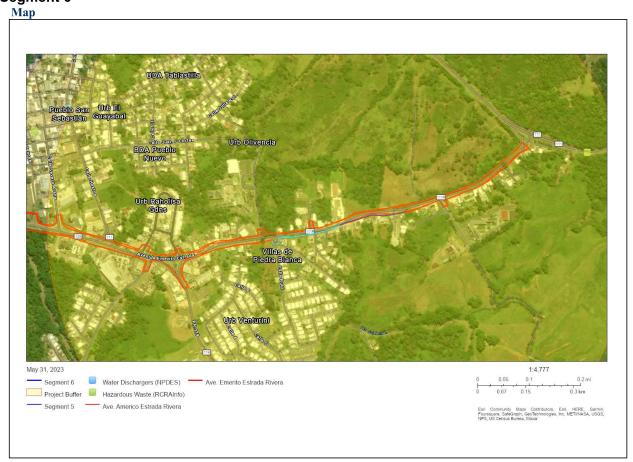
Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the EPA Regions. Click on the hyperlinked question to view the data source and associated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

Length of digitized line	0.13 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	no
Within 3000 feet of a hazardous waste (RCRA) facility?	no
Within 3000 feet of an air emission facility?	no
Within 3000 feet of a school?	no
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	Propered on July 202

	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	no
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
S	ave to Excel Save as PDF	

Puerto Rico Report (1) Demographic Reports(1) USFWS IPaC Report(1)

# Segment 6



#### Geographic coordinates:

#### LINE

18.333323,-66.984150,18.333211,-66.984107,18.333221,-66.983967,18.333374,-66.983957,18.333415,-66.983506,18.333486,-66.983013,18.333578,-66.982573,18.333730,-66.982133)

with buffer 3000 feet

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

Length of digitized line	0.15 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	Report Prepared of July 2023
	•

	Within 3000 feet of a hazardous waste (RCRA) facility?	yes
	Within 3000 feet of an air emission facility?	no
	Within 3000 feet of a school?	no
	Within 3000 feet of an airport?	no
	Within 3000 feet of a hospital?	no
	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	no
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Sa	ave to Excel Save as PDF	

Puerto Rico Report (1) Demographic Reports (1) USFWS IPaC Report (1)

# Segment 7



#### Geographic coordinates:

LINE LINE (18.33333, -66.984139, 18.333252, -66.984536, 18.333231, -66.984740, 18.333191, -66.985083, 18.333119, -66.985437, 18.333048, -66.985770, 18.333017, -66.985974, 18.33 2916, -66.986253, 18.332783, -66.986575, 18.332732, -66.986725, 18.332600, -66.986800, 18.332355, -66.986778, 18.332131, -66.986682, 18.331999, -66.986596, 18.331917, -66.986703, 18.332152, -66.986544, 18.332763, -66.987014, 18.332590, -66.987197, 18.332671, -66.987326, 18.332742, -66.987487, 18.332763, -66.987669)

#### with buffer 3000 feet

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

## National Report 🔍

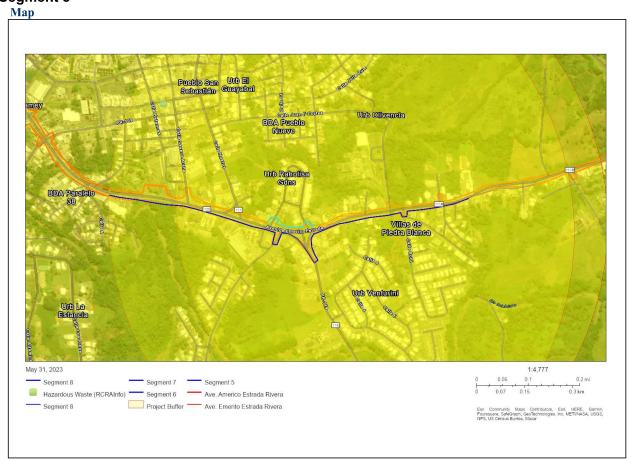
ational Report 4	
Length of digitized line	0.33 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	Report Prepared off <sup>o</sup> July 2023

1/2

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

Puerto Rico Report (1) Demographic Reports(1) USFWS IPaC Report(1)

# Segment 8



#### Geographic coordinates:

#### LINE

(18.333038,-66.988098,18.333211,-66.987991,18.333170,-66.987766,18.333038,-66.987808,18.332936,-66.987572,18.332916,-66.987304,18.332936,-66.987036,18.333048,-66.986993,18.333099,-66.986864,18.332966,-66.986811,18.332997,-66.986682) with buffer 3000 feet

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

Length of digitized line	0.13 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	Report Prepared off July 2023
	•

	Within 3000 feet of a hazardous waste (RCRA) facility?	yes
	Within 3000 feet of an air emission facility?	no
	Within 3000 feet of a school?	no
	Within 3000 feet of an airport?	no
	Within 3000 feet of a hospital?	no
	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	yes
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Sa	ive to Excel Save as PDF	

Puerto Rico Report (1) Demographic Reports (1) USFWS IPaC Report (1)

# Segment 9



# Geographic coordinates:

LINE (18.333058\_66.988087,18.333150\_66.988388,18.333252\_66.988720,18.333364\_66.989074,18.333506\_66.989611,18.333639\_66.990061,18.333740\_66.990298,18.33 3883\_66.990383,18.334026\_66.990383,18.334046\_66.990501,18.334015\_66.990501,18.333853\_66.990501,18.333771\_66.990544,18.333720\_66.990641,18.333751\_66.990931,18.333842\_66.991081)

#### with buffer 3000 feet

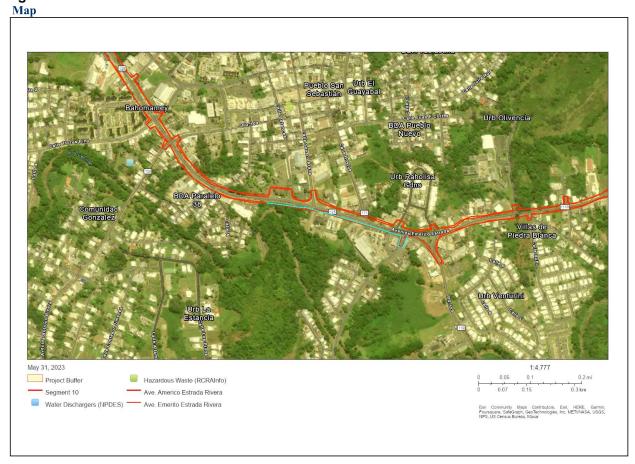
Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the EPA Regions. Click on the hyperlinked question to view the data source and associated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

Length of digitized line	0.24 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	Report Prepared off <sup>o</sup> July 2023

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

Puerto Rico Report (1) Demographic Reports(1) USFWS IPaC Report(1)

# Segment 10



#### Geographic coordinates:

#### LINE

(18.332773,-66.987658,18.332437,-66.987808,18.332447,-66.987959,18.332753,-66.987862,18.332885,-66.988291,18.333109,-66.989042,18.333282,-6 6.989654,18.333404,-66.990083,18.333404,-66.990137,18.333537,-66.990619,18.333567,-66.990941,18.333639,-66.991445,18.333679,-66.991821,18.3 33690,-66.991821)

#### with buffer 3000 feet

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

 tional Report	
Length of digitized line	0.33 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	et Deserved on Luly 202

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

Puerto Rico Report (1) Demographic Reports(1) USFWS IPaC Report(1)

# Segment 11



#### Geographic coordinates:

 $\label{eq:LINE} LINE \ (18.333911, -66.993071, 18.333768, -66.992610, 18.333697, -66.992256, 18.333636, -66.991730, 18.333646, -66.991698) \\ with \ buffer \ 3000 \ feet$ 

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

Length of digitized line	0.09 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	yes
Within 3000 feet of a hazardous waste (RCRA) facility?	Report Prepared on Suly 2023

Within 3000 feet of an air emission facility?	no
Within 3000 feet of a school?	no
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	yes
Within 3000 feet of a designated sole source aquifer?	no
Within 3000 feet of a historic property on the National Register of Historic Places?	yes
Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
Within 3000 feet of a Land Cession Boundary?	no
Within 3000 feet of a tribal area (lower 48 states)?	no
Within 3000 feet of the service area of a mitigation or conservation bank?	no
Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 3000 feet of a Munitions Response Site?	no
Within 3000 feet of an Essential Fish Habitat (EFH)?	no
Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Save to Excel Save as PDF	

## Segment 12



#### Geographic coordinates:

#### LINE

(18.333911,-66.993082,18.334155,-66.993683,18.334165,-66.993683,18.334165,-66.993715,18.334430,-66.994101,18.334450,-66.994123,18.334797,-6 6.994434,18.335316,-66.994670,18.335163,-66.994842,18.335235,-66.994917,18.335408,-66.994831) with buffer 3000 feet

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

Length of digitized line	0.18 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	Report Prepared off July 2023
	•

	Within 3000 feet of a hazardous waste (RCRA) facility?	yes
	Within 3000 feet of an air emission facility?	no
	Within 3000 feet of a school?	no
	Within 3000 feet of an airport?	no
	Within 3000 feet of a hospital?	yes
	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	yes
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
S	ave to Excel Save as PDF	

## Segment 13



#### Geographic coordinates:

#### LINE

(18.333758,-66.990990,18.333829,-66.991033,18.333982,-66.991076,18.334063,-66.991087,18.334145,-66.991687,18.333992,-66.991730,18.333880,-6 6.991752,18.333870,-66.991773,18.333870,-66.991988,18.333911,-66.992438,18.334033,-66.992900,18.334165,-66.993329,18.334593,-66.993833,18.3 35357,-66.994455)

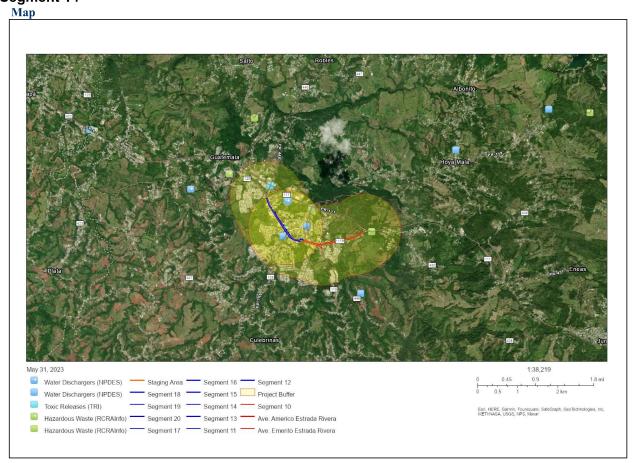
#### with buffer 3000 feet

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

Length of digitized line	0.30 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	out Duran and an Iulu 202

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

## Segment 14



#### Geographic coordinates:

#### LINE

(18.336243,-66.995099,18.336294,-66.994981,18.336212,-66.994874,18.336090,-66.995013,18.335499,-66.994627,18.335601,-66.994498,18.335479,-6 6.994380,18.335357,-66.994466)

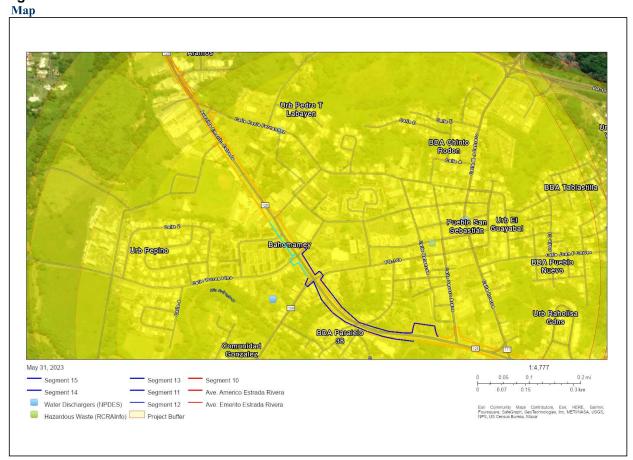
with buffer 3000 feet

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

and the second se		
Length of digitized line	0.11 mi	
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no	
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no	
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no	
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no	
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no	
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no	
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no	
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no	
Within 3000 feet of a Federal Land?	no	
Within 3000 feet of an impaired stream?	no	
Within 3000 feet of an impaired waterbody?	yes	
Within 3000 feet of a waterbody?	no	
Within 3000 feet of a stream?	yes	
Within 3000 feet of an NWI wetland?	click here May take several minutes	
Within 3000 feet of a Brownfields site?	no	
Within 3000 feet of a Superfund site?	no	
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no	
Within 3000 feet of a water discharger (NPDES)?	Report Prepared off <sup>SJ</sup> uly 2023	

	Within 3000 feet of a hazardous waste (RCRA) facility?	yes
	Within 3000 feet of an air emission facility?	no
	Within 3000 feet of a school?	no
	Within 3000 feet of an airport?	no
	Within 3000 feet of a hospital?	yes
	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	yes
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Sa	ave to Excel Save as PDF	

## Segment 15



#### Geographic coordinates:

LINE

(18.335418,-66.994831,18.335856,-66.995110,18.335764,-66.995260,18.335927,-66.995378,18.336059,-66.995217,18.336039,-66.995303,18.336976,-6 6.995968)

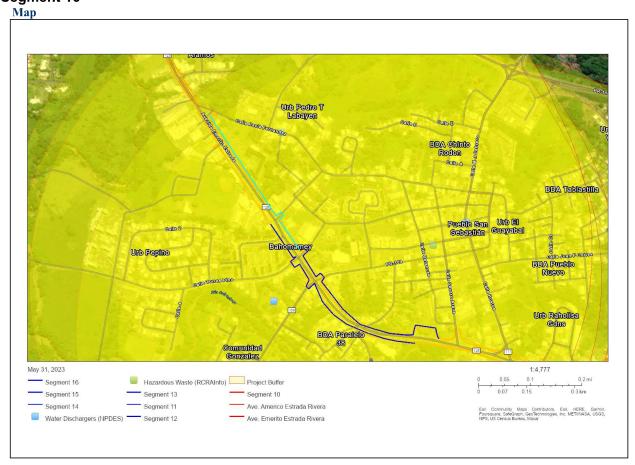
with buffer 3000 feet

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

Length of digitized line	0.16 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	Report Prepared off July 2023
tool one gov/nenegoist/onelygis conv	- •

	Within 3000 feet of a hazardous waste (RCRA) facility?	yes
	Within 3000 feet of an air emission facility?	no
	Within 3000 feet of a school?	no
	Within 3000 feet of an airport?	no
	Within 3000 feet of a hospital?	yes
	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	yes
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Sa	ave to Excel Save as PDF	

## Segment 16



#### Geographic coordinates:

LINE

18.336253,-66.995110,18.337078,-66.995711,18.337231,-66.995593,18.337322,-66.995646,18.337200,-66.995807,18.340021,-66.997771,18.340031,-66.997771)

with buffer 3000 feet

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

Length of digitized line	0.34 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	yes
Within 3000 feet of a water discharger (NPDES)?	Report Prepared offsJuly 2023
tool one gov/nengesist/anglysis conv	•

	Within 3000 feet of a hazardous waste (RCRA) facility?	yes
	Within 3000 feet of an air emission facility?	no
	Within 3000 feet of a school?	yes
	Within 3000 feet of an airport?	no
	Within 3000 feet of a hospital?	yes
	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	yes
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
S	ave to Excel Save as PDF	

## Segment 17



#### Geographic coordinates:

LINE

(18.336981,-66.995970,18.340402,-66.998276,18.341380,-66.998877,18.341370,-66.998856,18.341696,-66.999070,18.342225,-66.999295,18.342775,-6 6.999510,18.342315,-66.999735)

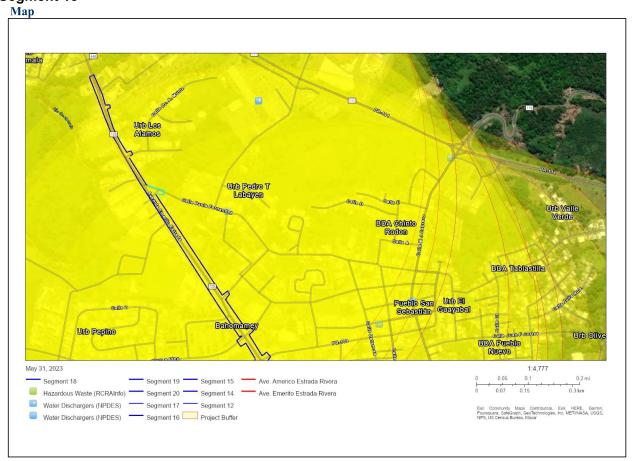
with buffer 3000 feet

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

*	
Length of digitized line	0.51 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	yes
Within 3000 feet of a water discharger (NPDES)?	Report Prepared off <sup>s</sup> July 2023
teel one any/nenersist/englysic conv	•

	Within 3000 feet of a hazardous waste (RCRA) facility?	yes
	Within 3000 feet of an air emission facility?	no
	Within 3000 feet of a school?	yes
	Within 3000 feet of an airport?	no
	Within 3000 feet of a hospital?	yes
	Within 3000 feet of a designated sole source aquifer?	no
	Within 3000 feet of a historic property on the National Register of Historic Places?	yes
	Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
	Within 3000 feet of a Land Cession Boundary?	no
	Within 3000 feet of a tribal area (lower 48 states)?	no
	Within 3000 feet of the service area of a mitigation or conservation bank?	no
	Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
	Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
	Within 3000 feet of a Munitions Response Site?	no
	Within 3000 feet of an Essential Fish Habitat (EFH)?	no
	Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
	Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
	Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
	Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
	Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
S	ave to Excel Save as PDF	

## Segment 18



#### Geographic coordinates:

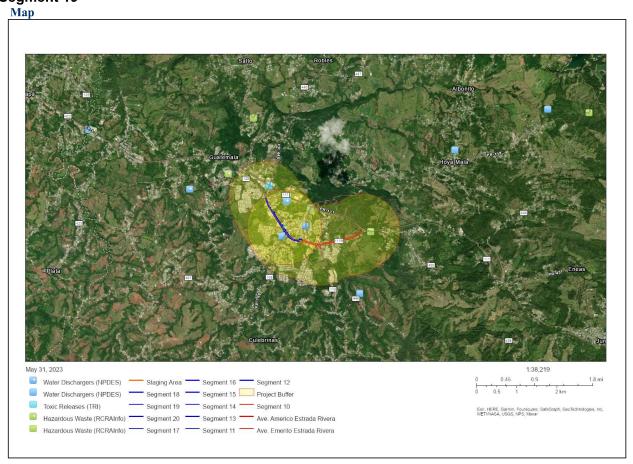
 $\label{eq:LINE} LINE \ (18.340270, -66.998008, 18.340138, -66.997525, 18.340015, -66.997525, 18.340036, -66.997751) \\ with \ buffer \ 3000 \ feet$ 

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

Length of digitized line	0.06 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	yes
Within 3000 feet of a water discharger (NPDES)?	yes
Within 3000 feet of a hazardous waste (RCRA) facility?	Report Prepared on July 2023
	-

Within 3000 feet of an air emission facility?	no
Within 3000 feet of a school?	yes
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	yes
Within 3000 feet of a designated sole source aquifer?	no
Within 3000 feet of a historic property on the National Register of Historic Places?	yes
Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
Within 3000 feet of a Land Cession Boundary?	no
Within 3000 feet of a tribal area (lower 48 states)?	no
Within 3000 feet of the service area of a mitigation or conservation bank?	no
Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 3000 feet of a Munitions Response Site?	no
Within 3000 feet of an Essential Fish Habitat (EFH)?	no
Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Save to Excel Save as PDF	

## Segment 19



#### Geographic coordinates:

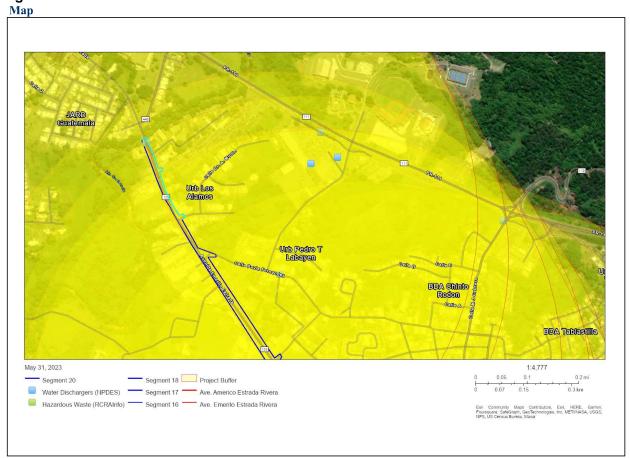
 $\label{eq:LINE} LINE \ (18.341054, -66.998555, 18.340280, -66.998040, 18.340290, -66.998040, 18.340311, -66.998040) \\ with \ buffer \ 3000 \ feet$ 

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

Length of digitized line	0.07 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	yes
Within 3000 feet of a water discharger (NPDES)?	yes
Within 3000 feet of a hazardous waste (RCRA) facility?	Report Prepared on July 202

Within 3000 feet of an air emission facility?	no
Within 3000 feet of a school?	yes
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	yes
Within 3000 feet of a designated sole source aquifer?	no
Within 3000 feet of a historic property on the National Register of Historic Places?	yes
Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
Within 3000 feet of a Land Cession Boundary?	no
Within 3000 feet of a tribal area (lower 48 states)?	no
Within 3000 feet of the service area of a mitigation or conservation bank?	no
Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 3000 feet of a Munitions Response Site?	no
Within 3000 feet of an Essential Fish Habitat (EFH)?	no
Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Save to Excel Save as PDF	

## Segment 20



#### Geographic coordinates:

#### LINE

(18.343325,-66.999735,18.343386,-66.999607,18.342826,-66.999349,18.342531,-66.999263,18.342541,-66.999156,18.342541,-66.999135,18.342460,-6 6.999113,18.342419,-66.999210,18.341910,-66.999038,18.341523,-66.998834,18.341207,-66.998630,18.341248,-66.998512,18.341156,-66.998448,18.3 41105,-66.998523)

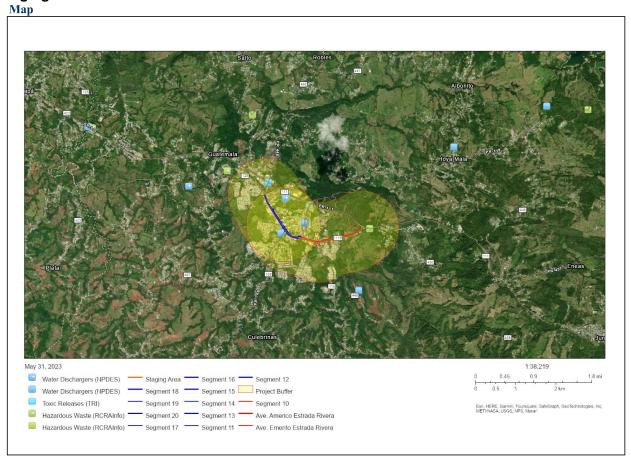
#### with buffer 3000 feet

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

Length of digitized line	0.21 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	Report Prepared on July 202

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

## **Staging Area**



#### Geographic coordinates:

 $\mathsf{LINE}\ (18.336653, -66.995251, 18.336836, -66.995369, 18.336958, -66.995144, 18.336897, -66.995101, 18.336653, -66.995229)$ with buffer 3000 feet

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

Length of digitized line	0.06 mi
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	click here May take several minutes
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	yes
Within 3000 feet of a hazardous waste (RCRA) facility?	Report Prepared on July 2023

Within 3000 feet of an air emission facility? Within 3000 feet of a school?	no no no yes
	no
Within 3000 feet of an airport?	ves
Within 3000 feet of a hospital?	,00
Within 3000 feet of a designated sole source aquifer?	no
Within 3000 feet of a historic property on the National Register of Historic Places?	yes
Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
Within 3000 feet of a Land Cession Boundary?	no
Within 3000 feet of a tribal area (lower 48 states)?	no
Within 3000 feet of the service area of a mitigation or conservation bank?	no
Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 3000 feet of a Munitions Response Site?	no
Within 3000 feet of an Essential Fish Habitat (EFH)?	no
Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	yes
Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no
Save to Excel Save as PDF	

Calle Emerito Estrada #1

San Sebastian San Sebastian, PR 00685

Inquiry Number: 7266947.2s March 01, 2023

# The EDR Radius Map<sup>™</sup> Report with GeoCheck®



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

Report Prepared on July 2023

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Detail Map	3
Map Findings Summary	4
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## **GEOCHECK ADDENDUM**

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
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Physical Setting Source Records Searched	PSGR-1

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

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### ADDRESS

SAN SEBASTIAN SAN SEBASTIAN, PR 00685

#### COORDINATES

Latitude (North):	18.3330800 - 18^ 19' 59.08"
Longitude (West):	66.9859570 - 66 ^ 59' 9.44''
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	712846.5
UTM Y (Meters):	2028091.9
Elevation:	261 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: Source: N/A U.S. Geological Survey

West Map: Version Date: 12360438 CENTRAL LA PLATA, PR 2018

#### Target Property Address: SAN SEBASTIAN SAN SEBASTIAN, PR 00685

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
1	CENTRAL PLATA	PR-125 KM 18.6 GUATE	FINDS	Lower	1 ft.
2	SHELL #3204	PR-111 INT 119 KM 12	FINDS	Lower	1 ft.
3	C A PETROLERA CARIBE	1500 EMERITO ESTRADA	RCRA-VSQG, FINDS, ECHO	Lower	1 ft.
4	SPEEDWAY	AVE EMERITO ESTRADA	FINDS	Lower	1 ft.
A5	AVON LOMALINDA INC	96 RICARDO SERRANO M	RCRA-VSQG	Lower	786, 0.149, NW
A6	AVON LOMALINDA	ROAD 446 KM 0.9	NY MANIFEST	Lower	786, 0.149, NW
A7	AVON LOMALINDA, INC.	18.346184/-66.998788	PFAS ECHO	Lower	966, 0.183, NW

#### TARGET PROPERTY SEARCH RESULTS

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

#### DATABASES WITH NO MAPPED SITES

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

#### STANDARD ENVIRONMENTAL RECORDS

#### Lists of Federal NPL (Superfund) sites

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

#### Lists of Federal Delisted NPL sites

Delisted NPL\_\_\_\_\_ National Priority List Deletions

#### Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

#### Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE\_\_\_\_\_ Superfund Enterprise Management System Archive

#### Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

#### Lists of Federal RCRA TSD facilities

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

#### Lists of Federal RCRA generators

RCRA-LQG\_\_\_\_\_RCRA - Large Quantity Generators RCRA-SQG\_\_\_\_\_RCRA - Small Quantity Generators

#### Federal institutional controls / engineering controls registries

LUCIS	Land Use Control Information System
US ENG CONTROLS	Engineering Controls Sites List
	Institutional Controls Sites List

#### Federal ERNS list

ERNS..... Emergency Response Notification System

#### Lists of state- and tribal hazardous waste facilities

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

#### Lists of state and tribal leaking storage tanks

PR LUST\_\_\_\_\_ Leaking Underground Storage Tanks INDIAN LUST\_\_\_\_\_ Leaking Underground Storage Tanks on Indian Land

#### Lists of state and tribal registered storage tanks

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

#### Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

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

#### Local Lists of Landfill / Solid Waste Disposal Sites

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

#### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL\_\_\_\_\_ Delisted National Clandestine Laboratory Register US CDL\_\_\_\_\_ National Clandestine Laboratory Register

#### Local Land Records

LIENS 2..... CERCLA Lien Information

#### **Records of Emergency Release Reports**

HMIRS\_\_\_\_\_ Hazardous Materials Information Reporting System

#### Other Ascertainable Records

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

	Formerly Used Defense Sites
	Department of Defense Sites
	. State Coalition for Remediation of Drycleaners Listing
	. Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	. Potentially Responsible Parties
	PCB Activity Database System
	Integrated Compliance Information System
	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide
	Act)/TSCA (Toxic Substances Control Act)
MLTS	Act)/TSCA (Toxic Substances Control Act) Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
	Coal Combustion Residues Surface Impoundments List
	PCB Transformer Registration Database
	Radiation Information Database
	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
	Formerly Utilized Sites Remedial Action Program
UMTRA	
LEAD SMELTERS	
	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	
	- Hazardous Waste Compliance Docket Listing
	Unexploded Ordnance Sites
FUELS PROGRAM	_ EPA Fuels Program Registered Listing
PFAS NPL	. Superfund Sites with PFAS Detections Information
	_ Federal Sites PFAS Information
	_ PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
	_ PFAS Contamination Site Location Listing
	. Ambient Environmental Sampling for PFAS
	Clean Water Act Discharge Monitoring Information
	G Facilities in Industries that May Be Handling PFAS Listing
	- All Certified Part 139 Airports PFAS Information Listing
	Aqueous Foam Related Incidents Listing
	_ Mineral Resources Data System

#### EDR HIGH RISK HISTORICAL RECORDS

#### EDR Exclusive Records

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

#### EDR RECOVERED GOVERNMENT ARCHIVES

#### **Exclusive Recovered Govt. Archives**

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

#### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

#### STANDARD ENVIRONMENTAL RECORDS

#### Lists of Federal RCRA generators

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

A review of the RCRA-VSQG list, as provided by EDR, and dated 11/21/2022 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
C A PETROLERA CARIBE EPA ID:: PRR000017038	1500 EMERITO ESTRADA	0 - 1/8 (0.000 mi.)	3	7
AVON LOMALINDA INC EPA ID:: PRD980650709	96 RICARDO SERRANO M	NW 1/8 - 1/4 (0.149 mi.)	A5	14

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Other Ascertainable Records

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 08/03/2022 has revealed that there are 4 FINDS sites within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CENTRAL PLATA Registry ID:: 110011541965	PR-125 KM 18.6 GUATE	0 - 1/8 (0.000 mi.)	1	7
SHELL #3204 Registry ID:: 110037263902	PR-111 INT 119 KM 12	0 - 1/8 (0.000 mi.)	2	7
C A PETROLERA CARIBE Registry ID:: 110064155596	1500 EMERITO ESTRADA	0 - 1/8 (0.000 mi.)	3	7
SPEEDWAY Registry ID:: 110028234578	AVE EMERITO ESTRADA	0 - 1/8 (0.000 mi.)	4	14

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

A review of the ECHO list, as provided by EDR, and dated 09/25/2022 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
C A PETROLERA CARIBE Registry ID: 110064155596	1500 EMERITO ESTRADA	0 - 1/8 (0.000 mi.)	3	7

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 01/03/2022 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AVON LOMALINDA, INC.	18.346184/-66.998788	NW 1/8 - 1/4 (0.183 mi.)	A7	45

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

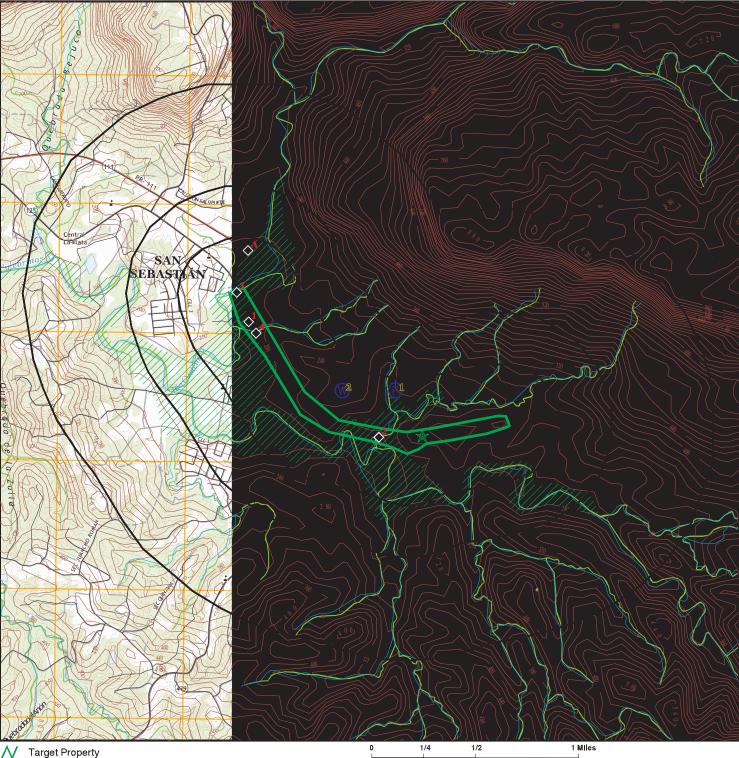
A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AVON LOMALINDA EPA ID: PRD980650709	ROAD 446 KM 0.9	NW 1/8 - 1/4 (0.149 mi.)	A6	44

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

Site Name	Database(s)
GARAJE LUISITO (EX GULF)	PR LUST
MIGUEL MONROIG S/S	PR LUST
ESSO SC-304	PR LUST
ESSO 08118	PR LUST
GARAJE CULEBRINAS	PR LUST
GPR #5097	PR LUST
FIGUEROA S/S	PR LUST
ESSO 3P-331	PR LUST

## **OVERVIEW MAP - 7266947.2S**



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



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

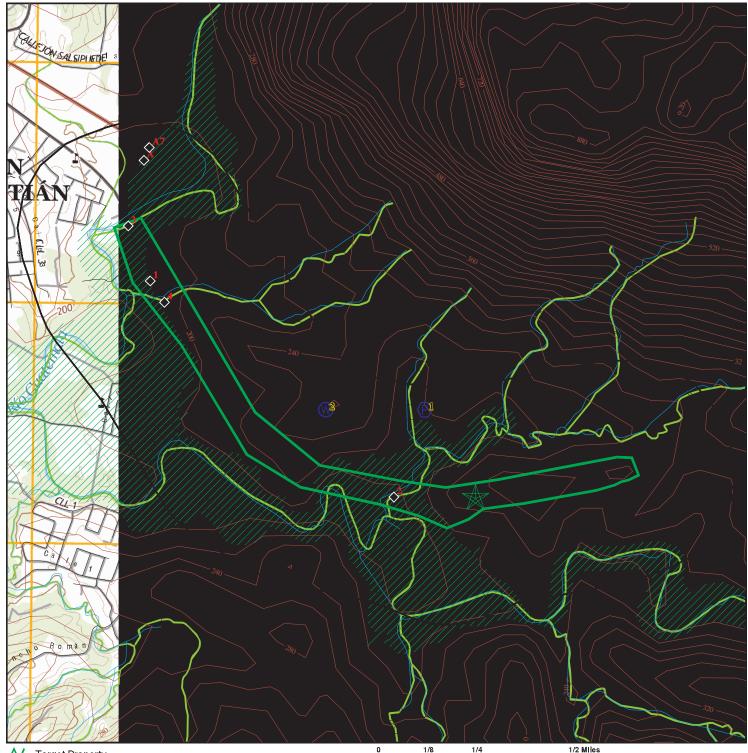
樹

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

SITE NAME:	Calle Emerito Estrada #1 San Sebastian
ADDRESS:	San Sebastian
	San Sebastian PR 00685
LAT/LONG:	18.33308 / 66.985957

CLIENT: CONTACT: AVA Environmental Consultants Inc. Augusto Velazquez INQUIRY #: 7266947.2s 7266947.2s Report Prepared on July 2023 March 01, 2023 11:13 am DATE:

## **DETAIL MAP - 7266947.2S**



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

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



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

SITE NAME:	Calle Emerito Estrada #1 San Sebastian
ADDRESS:	San Sebastian
	San Sebastian PR 00685
LAT/LONG:	18.33308 / 66.985957

CLIENT: AVA Environmental Consultants Inc. CONTACT: Augusto Velazquez INQUIRY #: 7266947.2s Report Prepared on July 2023 March 01, 2023 11:15 am Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted	
STANDARD ENVIRONMEN	TAL RECORDS								
Lists of Federal NPL (Su	perfund) sites	;							
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0	
Lists of Federal Delisted	INPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0	
Lists of Federal sites su CERCLA removals and		ſS							
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0	
Lists of Federal CERCL	Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0	
Lists of Federal RCRA facilities undergoing Corrective Action									
CORRACTS	1.000		0	0	0	0	NR	0	
Lists of Federal RCRA T	SD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0	
Lists of Federal RCRA g	enerators								
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 1	0 0 1	NR NR NR	NR NR NR	NR NR NR	0 0 2	
Federal institutional controls / engineering controls registries									
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0	
Federal ERNS list									
ERNS	0.001		0	NR	NR	NR	NR	0	
Lists of state- and tribal hazardous waste faciliti									
PR SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A	
Lists of state and tribal leaking storage tanks									
PR LUST INDIAN LUST	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0	
Lists of state and tribal registered storage tanks									
FEMA UST	0.250		0	0	NR	NR	NR	0	

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
	(111100)		<u> </u>			<u> </u>		
PR UST INDIAN UST	0.250 0.250		0 0	0 0	NR NR	NR NR	NR NR	0 0
Lists of state and tribal v	oluntary clea	anup sites						
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Contaminated Sites								
US HIST CDL US CDL	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency F	Release Repo	rts						
HMIRS	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR EPA WATCH LIST	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		Õ	NR	NR	NR	NR	Õ
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		Ő	NR	NR	NR	NR	Ő
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR			0 0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

# **MAP FINDINGS SUMMARY**

	Search Distance	Target						Total
Database	(Miles)	Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Plotted
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		Ő	NR	NR	NR	NR	Ő
HIST FTTS	0.001		0	NR	NR	NR	NR	Ō
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		4	NR	NR	NR	NR	4
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	1	NR	NR	NR	1
PFAS ECHO FIRE TRAINI PFAS PART 139 AIRPORT			0 0	0 0	NR NR	NR NR	NR NR	0 0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	NR	NR	NR	NR	0
NY MANIFEST	0.250		0	1	NR	NR	NR	1
INT MANIFEST	0.250		0	I		INIX		I
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
PR RGA LUST	0.001		0	NR	NR	NR	NR	0
	0.001		Ū					0
- Totals		0	6	3	0	0	0	9

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

Database(s)

EDR ID Number EPA ID Number

1 < 1/8 1 ft	CENTRAL PLATA PR-125 KM 18.6 GUA SAN SEBASTIAN, PR				FINDS	1016682573 N/A
2 < 1/8 1 ft. Relative: Lower Actual: 190 ft. 2 < 1/8 1 ft. Relative: Lower Actual: 198 ft.	FINDS: Registry ID: Click Here for FR Environmental Interd SHELL #3204 PR-111 INT 119 KM 11 SAN SEBASTIAN, PR FINDS: Registry ID:	11001154 S Facility Detail R est/Information Sy NCDB (National Federal Insecticit Toxic Substance regions and state and settlements. Click this hyperlin additional FINDS 21 200685 110037263 S Facility Detail R est/Information Sy ICIS (Integrated Compliance Infor complete, will co information acros replace EPA's in a single repositor Federal Administi information is ma it Headquarters. Compliance Syst that information v has the capability	eport: stem: Compliance Data Base) suppor de, Fungicide, and Rodenticide s Control Act (TSCA). The syst es with cooperative agreements ak while viewing on your compu- complete the the the the the the the the state of the the the the the the the the the state of the the the the the the the the the state of the	Act (FIFRA) and the em tracks inspections in a, enforcement actions, uter to access	FINDS	1016686996 N/A
3		additional FINDS	ak while viewing on your compu : detail in the EDR Site Report.			1007265011
3 < 1/8 1 ft.	C A PETROLERA CA 1500 EMERITO ESTR SAN SEBASTIAN, PR	ADA AVE		KCK	A-VSQG FINDS ECHO	1007265011 PRR000017038
Relative: Lower Actual: 183 ft.	RCRA Listings: Date Form Recei Handler Name: Handler Address Handler City,Stat EPA ID: Contact Name:	:	C A PETROLERA CARIBE	20080101 1500 EMERITO ESTRAE SAN SEBASTIAN, PR 00 PRR000017038 FRANCISCO J LOPEZ		

EDR ID Number Database(s) EPA ID Number

#### C A PETROLERA CARIBE (Continued)

Contact Address: PO BOX 1650 SAN SEBASTIAN, PR 00685 Contact City,State,Zip: Contact Telephone: 787-896-1610 Contact Fax: Not reported Contact Email: Not reported Contact Title: Not reported EPA Region: 02 Land Type: Private Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator Non-Notifier: Not reported **Biennial Report Cycle:** Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: Not reported State District: Not reported Mailing Address: PO BOX 1650 Mailing City, State, Zip: SAN SEBASTIAN, PR 00685 **Owner Name:** C A PETROLERA CARIBE Owner Type: Private C A PETROLERA CARIBE **Operator Name:** Operator Type: Private Short-Term Generator Activity: No Importer Activity: No Mixed Waste Generator: No Transporter Activity: No Transfer Facility Activity: No Recycler Activity with Storage: No Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No **Underground Injection Control:** No Off-Site Waste Receipt: No Universal Waste Indicator: No Universal Waste Destination Facility: No Federal Universal Waste: No Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported Active Site Converter Treatment storage and Disposal Facility: Not reported Active Site State-Reg Treatment Storage and Disposal Facility: Not reported Active Site State-Reg Handler: Federal Facility Indicator: Not reported Hazardous Secondary Material Indicator: NN Sub-Part K Indicator: Not reported Commercial TSD Indicator: No Treatment Storage and Disposal Type: Not reported 2018 GPRA Permit Baseline: Not on the Baseline 2018 GPRA Renewals Baseline: Not on the Baseline Permit Renewals Workload Universe: Not reported Permit Workload Universe: Not reported Permit Progress Universe: Not reported Post-Closure Workload Universe: Not reported Closure Workload Universe: Not reported 202 GPRA Corrective Action Baseline: No Corrective Action Workload Universe: No Subject to Corrective Action Universe: No Non-TSDFs Where RCRA CA has Been Imposed Universe: No TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No TSDFs Only Subject to CA under Discretionary Auth Universe: No Corrective Action Priority Ranking: No NCAPS ranking

Database(s)

EDR ID Number **EPA ID Number** 

#### C A PETROLERA CARIBE (Continued)

Hazardous Waste Summary: Waste Code: Waste Description:

D001 **IGNITABLE WASTE** 

Handler - Owner Operator:	
Owner/Operator Indicator:	Opera
Owner/Operator Name: C A PETROLERA CARIBE	
Legal Status:	Privat
Date Became Current:	1979 <i>1</i>
Date Ended Current:	Not re
Owner/Operator Address:	1500
Owner/Operator City,State,Zip:	SAN
Owner/Operator Telephone:	787-8
Owner/Operator Telephone Ext:	Not re
Owner/Operator Fax:	Not re
Owner/Operator Email:	Not re

Owner/Operator Indicator: Owner/Operator Name: C A PETROLERA CARIBE Legal Status: Date Became Current: Date Ended Current: Owner/Operator Address: Owner/Operator City,State,Zip: Owner/Operator Telephone: Owner/Operator Telephone Ext: Owner/Operator Fax: Owner/Operator Email:

Owner/Operator Indicator: Owner/Operator Name: C A PETROLERA CARIBE Legal Status: Date Became Current: Date Ended Current: Owner/Operator Address:

#### rator

ate 1231 eported EMERITO ESTRADA AVE SEBASTIAN, PR 00685 896-1610 reported reported eported

#### Owner

Private 19791231 Not reported 1500 EMERITO ESTRADA AVE SAN SEBASTIAN, PR 00685 787-896-1610 Not reported Not reported Not reported

#### Operator

Private 19791231 Not reported 1500 EMERITO ESTRADA AVE

Database(s)

EDR ID Number EPA ID Number

1007265011

#### C A PETROLERA CARIBE (Continued)

Owner/Operator City,State,Zip: Owner/Operator Telephone: Owner/Operator Telephone Ext: Owner/Operator Fax: Owner/Operator Email:

Owner/Operator Indicator: Owner/Operator Name: C A PETROLERA CARIBE Legal Status: Date Became Current: Date Ended Current: Owner/Operator Address: Owner/Operator City,State,Zip: Owner/Operator Telephone: Owner/Operator Telephone Ext: Owner/Operator Fax: Owner/Operator Email:

Historic Generators: Receive Date: Handler Name: C A PETROLERA CARIBE Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker:

Receive Date: Handler Name: C A PETROLERA CARIBE Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker:

Receive Date: Handler Name: C A PETROLERA CARIBE Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: SAN SEBASTIAN, PR 00685 787-896-1610 Not reported Not reported Not reported

Owner

Private 19791231 Not reported 1500 EMERITO ESTRADA AVE SAN SEBASTIAN, PR 00685 787-896-1610 Not reported Not reported Not reported

20060101

Large Quantity Generator PR No No No No No No Not reported Not reported

20080101

Conditionally Exempt Small Quantity Generator Not reported No No No No Yes Not reported Not reported 20040308

Small Quantity Generator Not reported No No No No No Not reported Not reported

## TC7266947.2s Page 10 Report Prepared on July 2023

42271

Database(s)

EDR ID Number EPA ID Number

#### C A PETROLERA CARIBE (Continued)

List of NAICS Codes and Descriptions: NAICS Code: NAICS Description:

PETROLEUM BULK STATIONS AND TERMINALS

Facility Has Received Notices of Violation: Found Violation: No Agency Which Determined Violation: Not reported Violation Short Description: Not reported Date Violation was Determined: Not reported Actual Return to Compliance Date: Not reported Return to Compliance Qualifier: Not reported Violation Responsible Agency: Not reported Scheduled Compliance Date: Not reported Enforcement Identifier: Not reported Date of Enforcement Action: Not reported Enforcement Responsible Agency: Not reported Enforcement Docket Number: Not reported Enforcement Attorney: Not reported Corrective Action Component: Not reported Appeal Initiated Date: Not reported Appeal Resolution Date: Not reported **Disposition Status Date:** Not reported **Disposition Status:** Not reported **Disposition Status Description:** Not reported Consent/Final Order Sequence Number:Not reported Consent/Final Order Respondent Name: Not reported Consent/Final Order Lead Agency: Not reported Enforcement Type: Not reported Enforcement Responsible Person: Not reported Enforcement Responsible Sub-Organization: Not reported SEP Sequence Number: Not reported SEP Expenditure Amount: Not reported SEP Scheduled Completion Date: Not reported SEP Actual Date: Not reported SEP Defaulted Date: Not reported SEP Type: Not reported SEP Type Description: Not reported Proposed Amount: Not reported Final Monetary Amount: Not reported Paid Amount: Not reported Final Count: Not reported Final Amount: Not reported Found Violation: No Agency Which Determined Violation: Not reported Violation Short Description: Not reported Date Violation was Determined: Not reported Actual Return to Compliance Date: Not reported Return to Compliance Qualifier: Not reported Violation Responsible Agency: Not reported Scheduled Compliance Date: Not reported Enforcement Identifier: Not reported Date of Enforcement Action: Not reported Enforcement Responsible Agency: Not reported Enforcement Docket Number: Not reported Enforcement Attorney: Not reported

Database(s)

EDR ID Number EPA ID Number

## C A PETROLERA CARIBE (Continued)

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	Not reported
	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	
	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	•
	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	•
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	Notropolica
SEP Expenditure Amount:	Not reported
	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

Database(s)

EDR ID Number EPA ID Number

#### 1007265011

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Registry ID:

110064155596

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

Database(s)

FINDS 1010014344

N/A

EDR ID Number **EPA ID Number** 

1007265011

# C A PETROLERA CARIBE (Continued)

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: Registry ID: DFR URL: Name: Address: City,State,Zip: 1007265011 110064155596 http://echo.epa.gov/detailed-facility-report?fid=110064155596 C A PETROLERA CARIBE 1500 EMERITO ESTRADA AVE SAN SEBASTIAN, PR 00685

#### SPEEDWAY 4 **AVE EMERITO ESTRADA N 1208**

#### < 1/8 SAN SEBASTIAN, PR 00685

1 ft.

	FINDS:

	TINDO.	
Relative:	Registry ID:	110028234578
Lower		

Click Here for FRS Facility Detail Report: Actual:

193 ft. Environmental Interest/Information System:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

#### Α5 **AVON LOMALINDA INC** NW 96 RICARDO SERRANO MARTINEZ AVE 1/8-1/4 SAN SEBASTIAN, PR 00685

Contact City, State, Zip:

0.149 mi. 786 ft.	Site 1 of 3 in cluster A		
Relative: Lower Actual: 185 ft.	RCRA Listings: Date Form Received by Agency: Handler Name: Handler Address: Handler City,State,Zip: EPA ID: Contact Name: Contact Address:	AVON LOMALINDA INC	20080101 96 RICARDO SERRANO MARTINEZ AVE SAN SEBASTIAN, PR 00685 PRD980650709 DULCILIO MEDINA PO BOX 153

1000305503

PRD980650709

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RCRA-VSQG

SAN SEBASTIAN, PR 00685

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Contact Telephone:		787-891-3066
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Des	scription:	Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 153
Mailing City, State, Zip:		SAN SEBASTIAN, PR 00685
Owner Name:	AVON PRODUCTS INC	
Owner Type:		Private
Operator Name:	AVON LOMALINDA INC	
Operator Type:		Private
Short-Term Generator Activity	<u>.</u>	No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage	·	No
Small Quantity On-Site Burne		No
Smelting Melting and Refining		No
Underground Injection Control		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination F	Facility:	No
Federal Universal Waste:	acinty.	No
	nt Storage and Disposal Facility:	Not reported
•	ent storage and Disposal Facility:	Not reported
	ent Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler		
Federal Facility Indicator:		
-	al Indiantor:	Not reported
Hazardous Secondary Materia Sub-Part K Indicator:		N Net reported
Commercial TSD Indicator:		Not reported
		No Not reported
Treatment Storage and Dispo	sai Type.	Not reported
2018 GPRA Permit Baseline:	~~~	Not on the Baseline
2018 GPRA Renewals Baselin		Not on the Baseline
Permit Renewals Workload U	niverse:	Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Unive	rse:	Not reported
Closure Workload Universe:	- ··	Not reported
202 GPRA Corrective Action E		No
Corrective Action Workload U		No
Subject to Corrective Action U		No
	has Been Imposed Universe:	No
	CA Under 3004 (u)/(v) Universe:	No
, ,	der Discretionary Auth Universe:	No
Corrective Action Priority Ran		No NCAPS ranking
Environmental Control Indicate	or:	No
Institutional Control Indicator:		No

Database(s)

EDR ID Number EPA ID Number

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## AVON LOMALINDA INC (Continued)

Human Exposure Controls Ind Groundwater Controls Indicat Operating TSDF Universe: Full Enforcement Universe: Significant Non-Complier Unix Unaddressed Significant Non-Addressed Significant Non-Complier Significant Non-Complier With Financial Assurance Required Handler Date of Last Change: Recognized Trader-Importer: Recognized Trader-Exporter: Importer of Spent Lead Acid E Exporter of Spent Lead Acid E Recycler Activity Without Stor Manifest Broker: Sub-Part P Indicator:	or: verse: Complier Universe: omplier Universe: a Compliance Schedule Universe: d: Not reported Batteries: Batteries:	N/A N/A Not reported No No No 20220202 No No No No No No No No
Biennial: List of Years		
Year:	2001	
Click Here for Biennial Report	ing System Data:	
Hazardous Waste Summary:		
Waste Code:	D000	
Waste Description:	Not Defined	
Waste Code:	D001	
Waste Description:	IGNITABLE WASTE	
Waste Code:	D002	
Waste Description:	CORROSIVE WASTE	
Waste Code:		
Waste Description:	REACTIVE WASTE	
Waste Code:	D007	
Waste Description:	CHROMIUM	
Waste Code:	D011	
Waste Description:	SILVER	
	_	
Waste Code: Waste Description:	METHYLENE CHLORIDE, TH CHLOROBENZENE, 1,1,2-TH ORTHO-DICHLOROBENZEN TRICHLOROETHANE; ALL S USE, A TOTAL OF TEN PER ABOVE HALOGENATED SO	ALOGENATED SOLVENTS: TETRACHLOROETHYLENE, RICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, RICHLORO-1,2,2-TRIFLUOROETHANE, JE, TRICHLOROFLUOROMETHANE, AND 1,1,2, SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE CENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE LVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND S FROM THE RECOVERY OF THESE SPENT SOLVENTS AND S.
Waste Code: Waste Description:		ONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL DE, ISOBUTANOL, PYRIDINE, BENZENE,

AVON LOMALINDA INC (Continued)	1000305503
	2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code: Waste Description:	F006 WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Waste Code: Waste Description:	F008 PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code: Waste Description:	F009 SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code:	P029
Waste Description:	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
Waste Code:	P030
Waste Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code:	P074
Waste Description:	NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2
Waste Code:	P098
Waste Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code:	P106
Waste Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U226
Waste Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Handler - Owner Operator: Owner/Operator Indicator: Owner/Operator Name: AVON PRO Legal Status: Date Became Current: Date Ended Current: Owner/Operator Address: Owner/Operator City,State,Zip: Owner/Operator Telephone: Owner/Operator Telephone Ext: Owner/Operator Fax: Owner/Operator Email:	Owner ODUCTS, INC. Private 19910921 Not reported Not reported

Database(s)

EDR ID Number EPA ID Number

#### **AVON LOMALINDA INC (Continued)**

Owner/Operator Indicator: Owner/Operator Name: AVON PRODUCTS, INC Legal Status: Date Became Current: Date Ended Current: Owner/Operator Address: Owner/Operator City,State,Zip: Owner/Operator Telephone: Owner/Operator Telephone Ext: Owner/Operator Fax: Owner/Operator Email:

Owner/Operator Indicator: Owner/Operator Name: AVON PRODUCTS, INC. Legal Status: Date Became Current: Date Ended Current: Owner/Operator Address: Owner/Operator City,State,Zip: Owner/Operator Telephone: Owner/Operator Telephone Ext: Owner/Operator Fax: Owner/Operator Email:

Owner/Operator Indicator: Owner/Operator Name: AVON LOMALINDA INC Legal Status: Date Became Current: Date Ended Current: Owner/Operator Address: Owner/Operator City,State,Zip: Owner/Operator Telephone: Owner/Operator Telephone Ext: Owner/Operator Fax: Owner/Operator Email:

Owner/Operator Indicator: Owner/Operator Name: AVON PRODUCTS, INC. Legal Status: Date Became Current: Date Ended Current: Owner/Operator Address: Owner/Operator City,State,Zip: Owner/Operator Telephone: Owner/Operator Telephone Ext: Owner/Operator Fax: Owner/Operator Email:

Owner/Operator Indicator: Owner/Operator Name: AVON PRODUCTS INC Legal Status: Date Became Current: Date Ended Current: Owner/Operator Address: Owner/Operator City,State,Zip: Owner/Operator Telephone: Owner/Operator Telephone Ext:

#### Operator

Private 19791231 Not reported PO BOX 153 SAN SEBASTIAN, PR 00685 787-896-2323 4686 Not reported Not reported

Owner

Private Not reported NOT REQUIRED NOT REQUIRED, WY 99999 212-555-1212 Not reported Not reported Not reported

Operator

Private 19911021 Not reported Not reported Not reported Not reported Not reported Not reported Not reported

#### Owner

Private 17760101 Not reported NOT REQUIRED NOT REQUIRED, WY 99999 212-555-1212 Not reported Not reported Not reported

#### Owner

Private 20010101 Not reported NOT REQUIRED NOT REQUIRED, WY 99999 212-555-1212 Not reported

# 1000305503

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Database(s)

EDR ID Number EPA ID Number

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## AVON LOMALINDA INC (Continued)

(VON LOMALINDA INC (Continued)	
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Email.	Not reported
Ouur en/On euroten la disecteru	On exerten
Owner/Operator Indicator:	Operator
Owner/Operator Name: AVON LOMALINDA, INC.	
Legal Status:	Private
Date Became Current:	19911021
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	•
•	Not reported
Owner/Operator Email:	Not reported
Historic Generators:	
Receive Date:	20021029
Handler Name: AVON LOMALINDA, INC.	20021025
	Not a concreter verified
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060101
Receive Date:	20060101
Handler Name: AVON LOMALINDA, INC.	
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description:	Large Quantity Generator
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner:	Large Quantity Generator PR
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste:	Large Quantity Generator
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner:	Large Quantity Generator PR
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer:	Large Quantity Generator PR No
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter:	Large Quantity Generator PR No No
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer:	Large Quantity Generator PR No No No No
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter:	Large Quantity Generator PR No No No No No
Handler Name:AVON LOMALINDA, INC.Federal Waste Generator Description:State District Owner:Large Quantity Handler of Universal Waste:Recognized Trader Importer:Recognized Trader Exporter:Spent Lead Acid Battery Importer:Spent Lead Acid Battery Exporter:Current Record:	Large Quantity Generator PR No No No No No No
Handler Name:AVON LOMALINDA, INC.Federal Waste Generator Description:State District Owner:Large Quantity Handler of Universal Waste:Recognized Trader Importer:Recognized Trader Exporter:Spent Lead Acid Battery Importer:Spent Lead Acid Battery Exporter:Current Record:Non Storage Recycler Activity:	Large Quantity Generator PR No No No No No Not reported
Handler Name:AVON LOMALINDA, INC.Federal Waste Generator Description:State District Owner:Large Quantity Handler of Universal Waste:Recognized Trader Importer:Recognized Trader Exporter:Spent Lead Acid Battery Importer:Spent Lead Acid Battery Exporter:Current Record:	Large Quantity Generator PR No No No No No No
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date:	Large Quantity Generator PR No No No No No Not reported
Handler Name:AVON LOMALINDA, INC.Federal Waste Generator Description:State District Owner:Large Quantity Handler of Universal Waste:Recognized Trader Importer:Recognized Trader Exporter:Spent Lead Acid Battery Importer:Spent Lead Acid Battery Exporter:Current Record:Non Storage Recycler Activity:Electronic Manifest Broker:	Large Quantity Generator PR No No No No No Not reported Not reported Not reported 20080101
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date:	Large Quantity Generator PR No No No No No Not reported Not reported
Handler Name:AVON LOMALINDA, INC.Federal Waste Generator Description:State District Owner:Large Quantity Handler of Universal Waste:Recognized Trader Importer:Recognized Trader Exporter:Spent Lead Acid Battery Importer:Spent Lead Acid Battery Exporter:Current Record:Non Storage Recycler Activity:Electronic Manifest Broker:Receive Date:Handler Name:AVON LOMALINDA INC	Large Quantity Generator PR No No No No No Not reported Not reported Not reported 20080101
Handler Name:AVON LOMALINDA, INC.Federal Waste Generator Description:State District Owner:Large Quantity Handler of Universal Waste:Recognized Trader Importer:Recognized Trader Exporter:Spent Lead Acid Battery Importer:Spent Lead Acid Battery Exporter:Current Record:Non Storage Recycler Activity:Electronic Manifest Broker:Receive Date:Handler Name:AVON LOMALINDA INCFederal Waste Generator Description:	Large Quantity Generator PR No No No No No Not reported Not reported 20080101 Conditionally Exempt Small Quantity Generator
Handler Name:AVON LOMALINDA, INC.Federal Waste Generator Description:State District Owner:Large Quantity Handler of Universal Waste:Recognized Trader Importer:Recognized Trader Exporter:Spent Lead Acid Battery Importer:Spent Lead Acid Battery Exporter:Current Record:Non Storage Recycler Activity:Electronic Manifest Broker:Receive Date:Handler Name:AVON LOMALINDA INCFederal Waste Generator Description:State District Owner:Large Quantity Handler of Universal Waste:	Large Quantity Generator PR No No No No No Not reported Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date: Handler Name: AVON LOMALINDA INC Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer:	Large Quantity Generator PR No No No No No Not reported Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No No reported
Handler Name:AVON LOMALINDA, INC.Federal Waste Generator Description:State District Owner:Large Quantity Handler of Universal Waste:Recognized Trader Importer:Recognized Trader Exporter:Spent Lead Acid Battery Importer:Spent Lead Acid Battery Exporter:Current Record:Non Storage Recycler Activity:Electronic Manifest Broker:Receive Date:Handler Name:AVON LOMALINDA INCFederal Waste Generator Description:State District Owner:Large Quantity Handler of Universal Waste:Recognized Trader Importer:Recognized Trader Importer:Recognized Trader Schorter:	Large Quantity Generator PR No No No No No Not reported Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No No reported No No reported No
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date: Handler Name: AVON LOMALINDA INC Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer:	Large Quantity Generator PR No No No No No No Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No Not reported No Not reported No Not reported No reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date: Handler Name: AVON LOMALINDA INC Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter:	Large Quantity Generator PR No No No No No No Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No Not reported No Not reported No reported Not reported Not reported
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date: Handler Name: AVON LOMALINDA INC Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Sporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record:	Large Quantity Generator PR No No No No No No Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No Not reported No Not reported Not Not Not Not Not Not Not Not Not Not
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date: Handler Name: AVON LOMALINDA INC Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity:	Large Quantity Generator PR No No No No No No Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No Not reported No Not reported Not reported No
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date: Handler Name: AVON LOMALINDA INC Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Sporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record:	Large Quantity Generator PR No No No No No No Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No Not reported No Not reported Not Not Not Not Not Not Not Not Not Not
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date: Handler Name: AVON LOMALINDA INC Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Sporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker:	Large Quantity Generator PR No No No No No No Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No Not reported No Not reported Not reported No
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date: Handler Name: AVON LOMALINDA INC Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity:	Large Quantity Generator PR No No No No No No Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No Not reported No Not reported Not reported No
Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date: Handler Name: AVON LOMALINDA INC Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Sporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker:	Large Quantity Generator PR No No No No No No Not reported 20080101 Conditionally Exempt Small Quantity Generator Not reported No Not reported Not No

Database(s)

EDR ID Number EPA ID Number

1000305503

#### **AVON LOMALINDA INC (Continued)**

Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker: Receive Date: Handler Name: AVON LOMALINDA, INC.

Handler Name: AVON LOMALINDA, INC Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker:

Receive Date: Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker:

Receive Date: Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Importer: Spent Lead Acid Battery Exporter: Current Record: Non Storage Recycler Activity: Electronic Manifest Broker:

Receive Date: Handler Name: AVON LOMALINDA, INC. Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter: Large Quantity Generator Not reported No No No No No No Not reported Not reported 19900227 Large Quantity Generator Not reported No No No No No No Not reported Not reported 19920228 Large Quantity Generator Not reported No No No No No No Not reported Not reported 19940221 Large Quantity Generator Not reported No No No No No No Not reported Not reported 19960226 Large Quantity Generator

Not reported No No No

Database(s)

EDR ID Number EPA ID Number

1000305503

## AVON LOMALINDA INC (Continued)

				10003033
	Spent Lead Acid Battery Importer:		No	
	Spent Lead Acid Battery Exporter:		No	
	Current Record:		No	
	Non Storage Recycler Activity:		Not reported	
	Electronic Manifest Broker:		Not reported	
	Receive Date:		19980227	
		IALINDA, INC.	13300227	
	Federal Waste Generator Description		Large Quantity Generator	
	State District Owner:	41.	Not reported	
		Monto:	No	
	Large Quantity Handler of Universal	Waste.		
	Recognized Trader Importer:		No	
	Recognized Trader Exporter:		No	
	Spent Lead Acid Battery Importer:		No	
	Spent Lead Acid Battery Exporter:		No	
	Current Record:		No	
	Non Storage Recycler Activity:		Not reported	
	Electronic Manifest Broker:		Not reported	
	Receive Date:		20010323	
	Handler Name: AVON LON	IALINDA, INC.		
	Federal Waste Generator Description	n:	Large Quantity Generator	
	State District Owner:		Not reported	
	Large Quantity Handler of Universal	Waste:	No	
	Recognized Trader Importer:		No	
	Recognized Trader Exporter:		No	
	Spent Lead Acid Battery Importer:		No	
	Spent Lead Acid Battery Exporter:		No	
	Current Record:		No	
	Non Storage Recycler Activity:		Not reported	
	Electronic Manifest Broker:		Not reported	
	Receive Date:		20020219	
	Handler Name: AVON LON	1ALINDA, INC.		
	Federal Waste Generator Description	n:	Large Quantity Generator	
	State District Owner:		Not reported	
	Large Quantity Handler of Universal	Waste:	No	
	Recognized Trader Importer:		No	
	Recognized Trader Exporter:		No	
	Spent Lead Acid Battery Importer:		No	
	Spent Lead Acid Battery Exporter:		No	
	Current Record:		No	
	Non Storage Recycler Activity:		Not reported	
	Electronic Manifest Broker:		Not reported	
L	st of NAICS Codes and Descriptions:			
	NAICS Code:	332813		
	NAICS Description:	ELECTROPLATI	NG, PLATING, POLISHING, ANODIZING, AND CO	DLORING
	NAICS Code:	3342		
	NAICS Description:	COMMUNICATIO	ONS EQUIPMENT MANUFACTURING	
		22424		
	NAICS Code:	33421		
	NAICS Description:	I ELEPHONE AP	PARATUS MANUFACTURING	
	NAICS Code:	339911		
	NAICS Description:		EPT COSTUME) MANUFACTURING	

Database(s)

EDR ID Number EPA ID Number

NAICS Code:	339914	
NAICS Description:	COSTUME JEWELRY AND NOVELTY MANUFACTURING	
acility Has Received Notices of Violation	on:	
Found Violation:	No	
Agency Which Determined Violation:	•	
Violation Short Description:	Not reported	
Date Violation was Determined:	Not reported	
Actual Return to Compliance Date:	Not reported	
Return to Compliance Qualifier:	Not reported	
Violation Responsible Agency:	Not reported	
Scheduled Compliance Date: Enforcement Identifier:	Not reported	
Date of Enforcement Action:	Not reported Not reported	
Enforcement Responsible Agency:	Not reported	
Enforcement Docket Number:	Not reported	
Enforcement Attorney:	Not reported	
Corrective Action Component:	Not reported	
Appeal Initiated Date:	Not reported	
Appeal Resolution Date:	Not reported	
Disposition Status Date:	Not reported	
Disposition Status:	Not reported	
Disposition Status Description:	Not reported	
Consent/Final Order Sequence Num	•	
Consent/Final Order Respondent Na	•	
Consent/Final Order Lead Agency:	Not reported	
Enforcement Type:	Not reported	
Enforcement Responsible Person:	Not reported	
Enforcement Responsible Sub-Organ		
SEP Sequence Number: SEP Expenditure Amount:	Not reported	
SEP Scheduled Completion Date:	Not reported Not reported	
SEP Actual Date:	Not reported	
SEP Defaulted Date:	Not reported	
SEP Type:	Not reported	
SEP Type Description:	Not reported	
Proposed Amount:	Not reported	
Final Monetary Amount:	Not reported	
Paid Amount:	Not reported	
Final Count:	Not reported	
Final Amount:	Not reported	
Found Violation:	Yes	
Agency Which Determined Violation:		
Violation Short Description:	Generators - General	
Date Violation was Determined:	19861210	
Actual Return to Compliance Date:	19870824	
Return to Compliance Qualifier:	Observed	
Violation Responsible Agency:	State 19870612	
Scheduled Compliance Date: Enforcement Identifier:	19870612 003	
Date of Enforcement Action:	19870512	
Enforcement Responsible Agency:	State	
Enforcement Docket Number:	Not reported	
Enforcement Attorney:	Not reported	
Corrective Action Component:	No	
Appeal Initiated Date:	Not reported	

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Appeal Resolution Date: Disposition Status Date: Disposition Status: Disposition Status Description: Consent/Final Order Sequence Number:Not reported Consent/Final Order Respondent Name:	Not reported Not reported Not reported Not reported
Consent/Final Order Lead Agency: Enforcement Type: WRITTEN INFOR	Not reported
Enforcement Responsible Person:	PREQB
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	Notreponed
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Not reported
Not reported
Not reported
No
Not reported
Not reported
Not reported
Not reported
Not reported Not reported
Not reported
Not reported
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Not reported Not reported Not reported Not reported
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Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
Not reported Not reported
Not reported Not reported
Not reported Not reported
Not reported Not reported
Not reported Not reported
Not reported Not reported State
Not reported Not reported Yes State Generators - General
Not reported Not reported
Not reported Not reported Yes State Generators - General 19970723 19980206
Not reported Not reported Yes State Generators - General 19970723 19980206 Observed
Not reported Not reported State Generators - General 19970723 19980206 Observed State
Not reported Not reported State Generators - General 19970723 19980206 Observed State 19970823
Not reported Not reported State Generators - General 19970723 19980206 Observed State 19970823 000
Not reported Not reported State Generators - General 19970723 19980206 Observed State 19970823 000 19970723
Not reported Not reported State Generators - General 19970723 19980206 Observed State 19970823 000 19970723 State
Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823 000 19970723 State Not reported
Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823 000 19970723 State Not reported PR
Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823 000 19970723 State Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Appeal Resolution Date: Disposition Status Date: Disposition Status: Disposition Status Description: Consent/Final Order Sequence Number:Not reported	Not reported Not reported Not reported Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: WRITTEN INFOR	₹MAL
Enforcement Responsible Person:	PRCMR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	<b>N A A</b>
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date: SEP Actual Date:	Not reported
	Not reported
SEP Defaulted Date:	Not reported Not reported
SEP Type: SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
	Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19970723
Actual Return to Compliance Date:	19980206
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19970823
Enforcement Identifier:	000
Date of Enforcement Action:	19970723
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	PR
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: WRITTEN INFOR	
Enforcement Responsible Person:	PRCMR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
	•
Final Monetary Amount: Paid Amount:	Not reported
Final Count:	Not reported
	Not reported
Final Amount:	Not reported
Found Violation:	Ne
	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	Notroponted
	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
•	
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	
•	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
••	
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	·
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	Notroponted
SEP Expenditure Amount:	Not reported
•	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
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Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19850211
Actual Return to Compliance Date:	19850207
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19850219
Enforcement Identifier:	001
Date of Enforcement Action:	19841227
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No .
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
•	•
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: WRITTEN INFOR	RMAL
Enforcement Responsible Person:	PREQB
Enforcement Responsible Sub-Organization:	Not reported
CED Converse Number	
SEP Sequence Number: Not reported	
	Not reported
SEP Expenditure Amount:	Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date:	Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date:	Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date:	Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type:	Not reported Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description:	Not reported Not reported Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount:	Not reported Not reported Not reported Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Amount: Final Amount:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Final Amount:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609 Observed
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609 Observed State
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609 Observed State 19970823
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609 Observed State 19970823 000
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Enforcement Identifier: Date of Enforcement Action:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609 Observed State 19970823 000 19970723
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609 Observed State 19970823 000 19970723 State
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609 Observed State 19970823 000 19970723 State Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number: Enforcement Attorney:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609 Observed State 19970823 000 19970723 State Not reported PR
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609 Observed State 19970823 000 19970723 State Not reported
SEP Expenditure Amount: SEP Scheduled Completion Date: SEP Actual Date: SEP Defaulted Date: SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number: Enforcement Attorney:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980609 Observed State 19970823 000 19970723 State Not reported PR

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Appeal Resolution Date: Disposition Status Date: Disposition Status: Disposition Status Description: Consent/Final Order Sequence Number:Not reported Consent/Final Order Respondent Name: Consent/Final Order Lead Agency:	Not reported Not reported Not reported Not reported Not reported
Enforcement Type: WRITTEN INFOR	•
Enforcement Responsible Person:	PRCMR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount: Final Count:	Not reported
Final Amount:	Not reported Not reported
Final Anount.	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description: Consent/Final Order Sequence Number:Not reported	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	Notreponed
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
0,	Not reported
	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
	•
SEP Type:	Not reported
SEP Type Description:	Not reported Not reported
SEP Type Description: Proposed Amount:	Not reported Not reported Not reported
SEP Type Description: Proposed Amount: Final Monetary Amount:	Not reported Not reported Not reported Not reported
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount:	Not reported Not reported Not reported Not reported Not reported
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count:	Not reported Not reported Not reported Not reported Not reported Not reported
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount:	Not reported Not reported Not reported Not reported Not reported
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Amount:	Not reported Not reported Not reported Not reported Not reported Not reported
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Amount: Found Violation:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401 19860428
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401 19860428 Observed
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401 19860428 Observed State
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401 19860428 Observed State 19860425
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401 19860428 Observed State 19860425 002
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401 19860428 Observed State 19860425 002 19860415
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401 19860428 Observed State 19860425 002 19860415 State
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401 19860428 Observed State 19860425 002 19860415 State Not reported
SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number: Enforcement Attorney:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - Manifest 19860401 19860428 Observed State 19860425 002 19860415 State Not reported Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: WRITTEN INFOR	•
Enforcement Responsible Person:	PREQB
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	notropontou
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Final Amount.	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	
	19890505
Actual Return to Compliance Date:	19890824
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19890903
Enforcement Identifier:	005
Date of Enforcement Action:	19890804
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: WRITTEN INFOR	
Enforcement Responsible Person:	R2JCS
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported Not reported
SEP Actual Date:	•
	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type: SEP Type Description:	Not reported Not reported
SEP Type: SEP Type Description: Proposed Amount:	Not reported Not reported Not reported
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount:	Not reported Not reported Not reported Not reported
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount:	Not reported Not reported Not reported Not reported Not reported
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count:	Not reported Not reported Not reported Not reported Not reported Not reported
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount:	Not reported Not reported Not reported Not reported Not reported
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Amount:	Not reported Not reported Not reported Not reported Not reported Not reported
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Amount: Found Violation:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation:	Not reported Not reported Not reported Not reported Not reported Not reported Yes State
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description:	Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined:	Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206 Observed
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823 000
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823 000 19970723
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823 000 19970723 State
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823 000 19970723 State Not reported
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number: Enforcement Attorney:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823 000 19970723 State Not reported PR
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Return to Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Responsible Agency: Enforcement Attorney: Corrective Action Component:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823 000 19970723 State Not reported PR No
SEP Type: SEP Type Description: Proposed Amount: Final Monetary Amount: Paid Amount: Final Count: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number: Enforcement Attorney:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Yes State Generators - General 19970723 19980206 Observed State 19970823 000 19970723 State Not reported PR

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Appeal Resolution Date: Disposition Status Date: Disposition Status: Disposition Status Description: Consent/Final Order Sequence Number:Not reported Consent/Final Order Respondent Name: Consent/Final Order Lead Agency:	Not reported Not reported Not reported Not reported Not reported
Enforcement Type: WRITTEN INFOR	•
Enforcement Responsible Person:	PRCMR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount: Final Count:	Not reported
Final Amount:	Not reported Not reported
Final Anount.	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description: Consent/Final Order Sequence Number:Not reported	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	Notreponed
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Final Monetary Amount: Paid Amount:	Not reported Not reported
	•
Paid Amount:	Not reported
Paid Amount: Final Count:	Not reported Not reported
Paid Amount: Final Count:	Not reported Not reported
Paid Amount: Final Count: Final Amount:	Not reported Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation:	Not reported Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation:	Not reported Not reported Not reported No Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description:	Not reported Not reported Not reported Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined:	Not reported Not reported Not reported Not reported Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency:	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date:	Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier:	Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action:	Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency:	Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number:	Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Docket Number: Enforcement Attorney:	Not reported Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	Notroponted
	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	
	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	
•	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	Not reported
Consent/Final Order Respondent Name:	Not reported
	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
	Not reported
Enforcement Type: Not reported Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
	Not reported
SEP Sequence Number: Not reported	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	
	Not reported
Paid Amount:	Not reported
Paid Amount: Final Count:	Not reported Not reported
Paid Amount:	Not reported
Paid Amount: Final Count: Final Amount:	Not reported Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation:	Not reported Not reported Not reported Yes
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation:	Not reported Not reported Not reported Yes State
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description:	Not reported Not reported Not reported Yes State Generators - Manifest
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125 Observed
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125 Observed State
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125 Observed State 19871115
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125 Observed State 19871115 004
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125 Observed State 19871115 004 19871103
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125 Observed State 19871115 004 19871103 State
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Responsible Agency: Enforcement Docket Number:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125 Observed State 19871115 004 19871103 State Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Responsible Agency: Enforcement Docket Number: Enforcement Attorney:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125 Observed State 19871115 004 19871103 State Not reported Not reported
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Responsible Agency: Enforcement Docket Number: Enforcement Attorney: Corrective Action Component:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125 Observed State 19871115 004 19871103 State Not reported Not reported No
Paid Amount: Final Count: Final Amount: Found Violation: Agency Which Determined Violation: Violation Short Description: Date Violation was Determined: Actual Return to Compliance Date: Return to Compliance Qualifier: Violation Responsible Agency: Scheduled Compliance Date: Enforcement Identifier: Date of Enforcement Action: Enforcement Responsible Agency: Enforcement Responsible Agency: Enforcement Docket Number: Enforcement Attorney:	Not reported Not reported Not reported Yes State Generators - Manifest 19871030 19871125 Observed State 19871115 004 19871103 State Not reported Not reported

Database(s)

EDR ID Number EPA ID Number

## AVON LOMALINDA INC (Continued)

Appeal Resolution Date: Disposition Status Date: Disposition Status: Disposition Status Description: Consent/Final Order Sequence Number:Not reported Consent/Final Order Respondent Name:	Not reported Not reported Not reported Not reported
Consent/Final Order Lead Agency: Enforcement Type: WRITTEN INFOR	Not reported
Enforcement Responsible Person:	PREQB
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	Notreponed
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Database(s)

EDR ID Number EPA ID Number

1000305503

## AVON LOMALINDA INC (Continued)

	Paid Amount:	Not reported
	Final Count:	Not reported
	Final Amount:	Not reported
	Found Violation:	No
	Agency Which Determined Violation:	Not reported
	Violation Short Description:	Not reported
	Date Violation was Determined:	Not reported
	Actual Return to Compliance Date:	Not reported
	Return to Compliance Qualifier:	Not reported
	Violation Responsible Agency:	Not reported
	Scheduled Compliance Date:	Not reported
	Enforcement Identifier:	Not reported
	Date of Enforcement Action:	Not reported
	Enforcement Responsible Agency:	Not reported
	Enforcement Docket Number:	Not reported
	Enforcement Attorney:	Not reported
	Corrective Action Component:	Not reported
	Appeal Initiated Date:	Not reported
	Appeal Resolution Date:	Not reported
	Disposition Status Date:	Not reported
	Disposition Status:	Not reported
	Disposition Status Description:	Not reported
	Consent/Final Order Sequence Number:Not reported	
	Consent/Final Order Respondent Name:	Not reported
	Consent/Final Order Lead Agency:	Not reported
	Enforcement Type: Not reported	
	Enforcement Responsible Person:	Not reported
	Enforcement Responsible Sub-Organization:	Not reported
	SEP Sequence Number: Not reported	
	SEP Expenditure Amount:	Not reported
	SEP Scheduled Completion Date:	Not reported
	SEP Actual Date:	Not reported
	SEP Defaulted Date:	Not reported
	SEP Type:	Not reported
	SEP Type Description:	Not reported
	Proposed Amount:	Not reported
	Final Monetary Amount:	Not reported
	Paid Amount:	Not reported
	Final Count:	Not reported
	Final Amount:	Not reported
F	valuation Action Summary:	
-	Evaluation Date:	20090709
	Evaluation Responsible Agency:	EPA
	Found Violation:	No
	Evaluation Type Description:	COMPLIANCE EVALU
	Evaluation Responsible Person Identifier:	R2RC
	Evaluation Responsible Sub-Organization:	CEPD
	Actual Return to Compliance Date:	Not reported
	Scheduled Compliance Date:	Not reported
	Date of Request:	Not reported
	Date Response Received:	Not reported
	Request Agency:	Not reported

EPA No COMPLIANCE EVALUATION INSPECTION ON-SITE R2RC CEPD Not reported Not reported Not reported Not reported Not reported Not reported Not reported

19861210

Evaluation Date:

Request Agency:

Former Citation:

Database(s)

EDR ID Number EPA ID Number

#### AVON LOMALINDA INC (Continued)

Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:

Evaluation Date: Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:

Evaluation Date: Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:

Evaluation Date: Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:

Evaluation Date: Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: State Yes COMPLIANCE EVALUATION INSPECTION ON-SITE PREQB Not reported 19870824 19870612 Not reported Not reported Not reported Not reported 19920618 State No COMPLIANCE EVALUATION INSPECTION ON-SITE PRMFD Not reported 19940525 State No COMPLIANCE EVALUATION INSPECTION ON-SITE PRCJN Not reported 19970513 State Yes COMPLIANCE EVALUATION INSPECTION ON-SITE PRCMR Not reported 19980206 19970823 Not reported Not reported Not reported Not reported

19900511 State No COMPLIANCE EVALUATION INSPECTION ON-SITE PREQB Not reported

Database(s)

EDR ID Number EPA ID Number

AVON LOMALINDA INC (Continued)	10003
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970513
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	PRCMR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19980206
Scheduled Compliance Date:	19970823
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930609
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	PRMFD
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910529
Evaluation Responsible Agency:	State
Found Violation:	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	PRMFD
Evaluation Responsible Sub-Organization: Actual Return to Compliance Date:	Not reported Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19850211
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19850207
Scheduled Compliance Date:	19850219
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

Database(s)

EDR ID Number **EPA ID Number** 

#### **AVON LOMALINDA INC (Continued)**

1000305503 Former Citation: Not reported 19970513 **Evaluation Date:** Evaluation Responsible Agency: State Found Violation: Yes COMPLIANCE EVALUATION INSPECTION ON-SITE **Evaluation Type Description:** Evaluation Responsible Person Identifier: PRCMR Evaluation Responsible Sub-Organization: Not reported Actual Return to Compliance Date: 19980609 Scheduled Compliance Date: 19970823 Date of Request: Not reported Date Response Received: Not reported Request Agency: Not reported Former Citation: Not reported **Evaluation Date:** 20010604 Evaluation Responsible Agency: State Found Violation: No COMPLIANCE EVALUATION INSPECTION ON-SITE **Evaluation Type Description:** Evaluation Responsible Person Identifier: EMFD Evaluation Responsible Sub-Organization: Not reported Actual Return to Compliance Date: Not reported Scheduled Compliance Date: Not reported Date of Request: Not reported Date Response Received: Not reported Request Agency: Not reported Former Citation: Not reported 20000713 **Evaluation Date: Evaluation Responsible Agency:** EPA Found Violation: No Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation Responsible Person Identifier: R2MB Evaluation Responsible Sub-Organization: CEPD Actual Return to Compliance Date: Not reported Scheduled Compliance Date: Not reported Date of Request: Not reported Date Response Received: Not reported **Request Agency:** Not reported Former Citation: Not reported 19860401 **Evaluation Date: Evaluation Responsible Agency:** State Found Violation: Yes NON-FINANCIAL RECORD REVIEW Evaluation Type Description: Evaluation Responsible Person Identifier: PREQB Evaluation Responsible Sub-Organization: Not reported Actual Return to Compliance Date: 19860428 Scheduled Compliance Date: 19860425 Date of Request: Not reported Date Response Received: Not reported Request Agency: Not reported Former Citation: Not reported **Evaluation Date:** 19890505 **Evaluation Responsible Agency:** State Found Violation: Yes

#### EDR ID Number Database(s) **EPA ID Number**

#### **AVON LOMALINDA INC (Continued)**

**Evaluation Type Description:** Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: **Request Agency:** Former Citation:

**Evaluation Date: Evaluation Responsible Agency:** Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:

**Evaluation Date: Evaluation Responsible Agency:** Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:

**Evaluation Date: Evaluation Responsible Agency:** Found Violation: **Evaluation Type Description:** Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:

**Evaluation Date: Evaluation Responsible Agency:** Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date:

COMPLIANCE EVALUATION INSPECTION ON-SITE PREQB Not reported 19890824 19890903 Not reported Not reported Not reported Not reported 19970723 State No SIGNIFICANT NON-COMPLIER Not reported 19970513 State Yes COMPLIANCE EVALUATION INSPECTION ON-SITE PRCMR Not reported 19980206 19970823 Not reported Not reported Not reported Not reported 19950928 State No COMPLIANCE EVALUATION INSPECTION ON-SITE PRMFD Not reported 20051117 State

No COMPLIANCE EVALUATION INSPECTION ON-SITE ECRO Not reported Not reported Not reported

## MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

## 1000305503

N LOMALINDA INC (Continued)	10003
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19871014
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	PREQB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19980609
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900511
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	PR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19871030
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	PREQB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19871125
Scheduled Compliance Date:	19871115
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

1000305503

#### AVON LOMALINDA INC (Continued)

Evaluation Date: Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation: Evaluation Date:

Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:

AVON LOMALINDA

SAN SEBASTIAN, PR 00755

ROAD 446 KM 0.9

A6 NW

1/8-1/4

## 19960531 State No COMPLIANCE EVALUATION INSPECTION ON-SITE PRMFD Not reported 19980609 State No COMPLIANCE EVALUATION INSPECTION ON-SITE

PRMVC Not reported Not reported Not reported Not reported Not reported Not reported

> NY MANIFEST S119080077 N/A

0.149 mi. 786 ft.	Site 2 of 3 in cluster A	
Relative: Lower Actual: 185 ft.	NY MANIFEST: Name: Address: City,State,Zip: Country: EPA ID: Facility Status:	AVON LOMALINDA ROAD 446 KM 0.9 SAN SEBASTIAN, PR 00755-0000 USA PRD980650709 Not reported
	Location Address 1: Code: Location Address 2: Total Tanks: Location City: Location State: Location Zip: Location Zip 4:	CARRETERA 44.6 KM 0.9 BP Not reported Not reported SAN SEBASTIAN PR 00755 Not reported
	NY MANIFEST: EPAID: Mailing Name: Mailing Contact: Mailing Address 1: Mailing Address 2: Mailing City: Mailing State: Mailing Zip:	PRD980650709 AVON LOMALINDA ROBERT ORTIZ ORTIZ P O BOX 153 Not reported SAN SEBASTIAN PR 00755

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

	AVON LOMALINDA (Continued)	S119080077
	Mailing Zip 4: Mailing Country: Mailing Phone:	Not reported USA 8098962323
A7 NW 1/8-1/4 0.183 mi.	AVON LOMALINDA, INC. 18.346184/-66.998788 SAN SEBASTIAN, PR	PFAS ECHO 1027328337 N/A
966 ft.	Site 3 of 3 in cluster A	
Relative:	PFAS ECHO:	
Lower Actual: 189 ft.	Name: Address: City,State,Zip: Latitude: Longitude: Count: Count: Status:	AVON LOMALINDA, INC. 18.346184/-66.998788 SAN SEBASTIAN, PR 18.346184 -66.998788 -1 SAN SEBASTIAN Active
	Region: Industry: ECHO Facility Report: Facility Percent Minority:	02 Metal Coating https://echo.epa.gov/detailed-facility-report?fid=110042086916 99.354
	Facility Derived Tribes: Facility Population: EJSCREEN Flag US: EJSCREEN Report:	Not reported 913.17 N https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=% 7B%22x%22:-66.998788,%22y%22:18.346184,%22spatialReference%22:%7B%22wk id%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance= 1
	EPA Programs: Federal Facility: Federal Agency: Facility FIPS Code: Facility Indian Country Flag:	RCRA No Not reported 72131 N
	Facility Collection Method: Facility Derived HUC: Facility Derived WBD: Facility Derived CD113:	ADDRESS MATCHING-HOUSE NUMBER 21010003 210100030101 00
	Facility Derived CB2010: Facility Major Flag: Facility Active Flag: Facility Inspection Count:	721319595003021 Not reported Y 0
	Facility Date Last Inspection: Facility Days Last Inspection: Facility Informal Count: Facility Date Last Informal Action	
	Facility Formal Action Count: Facility Date Last Formal Action: Facility Total Penalties: Facility Penalty Count:	0 11/21/1997 0 Not reported
	Facility Date Last Penalty: Facility Last Penalty AMT: Facility QTRS With NC: Facility Programs With SNC:	Not reported Not reported 0 0
	Facility Programs With SNC: Facility Compliance Status: Facility SNC Flag:	No Violation Identified N

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Database(s)

EDR ID Number EPA ID Number

#### AVON LOMALINDA, INC. (Continued)

AIR Flag: NPDES Flag: SDWIS Flag: RCRA Flag: TRI Flag: GHG Flag: AIR IDS: CAA Permit Types: CAA NAICS: CAA SICS: NPDES IDS: CWA Permit Types: CWA NAICS: CWA SICS: RCRA IDS: **RCRA Permit Types:** RCRA NAICS: SDWA IDS: SDWA System Types: SDWA Compliance Status: SDWA SNC Flag: TRI IDS: TRI Releases Transfers: TRI On Site Releases: TRI Off Site Transfers: TRI Reporter: Facility IMP Water Flag:

Ν Ν Not reported PRD980650709 VSQG 339914 33421 339911 332813 Not reported Not reported Not reported Ν 00755VNLMLGUATE Not reported Not reported Not reported Not reported Not reported

1027328337

#### Count: 8 records.

#### ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN SEBASTIAN	S101442797	GARAJE LUISITO (EX GULF)	CARR 445 KM 4.7		PR LUST
SAN SEBASTIAN		MIGUEL MONROIG S/S	CARR 445 KM 2.0		PR LUST
SAN SEBASTIAN	S103553963	ESSO SC-304	CARR 119 KM 31.2, HOYA MALA		PR LUST
SAN SEBASTIAN	S101442897	ESSO 08118	CARR 11 & 119		PR LUST
SAN SEBASTIAN	S106917644	GARAJE CULEBRINAS	CARR. 109 KM. 27.5		PR LUST
SAN SEBASTIAN	S106917816	GPR #5097	CARR. 111 KM. 20.7, AVE. EMERI		PR LUST
SAN SEBASTIAN	S106917802	FIGUEROA S/S	CARR. 125 KM. 16.8, BO. HATO A		PR LUST
SAN SEBASTIAN	S104904881	ESSO 3P-331	CARR. 125 KM. 10.1		PR LUST

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

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

#### STANDARD ENVIRONMENTAL RECORDS

#### Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/03/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 25 Source: EPA Telephone: N/A Last EDR Contact: 02/03/2023 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources:

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

EPA Region 1 Telephone 617-918-1143

EPA Region 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

EPA Region 10 Telephone 206-553-8665 EPA Region 6 Telephone: 214-655-6659

EPA Region 7 Telephone: 913-551-7247

EPA Region 8 Telephone: 303-312-6774

EPA Region 9 Telephone: 415-947-4246

#### Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: N/A Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994 Number of Days to Update: 56 Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

## Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: N/A Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Quarterly

### Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 08/25/2022	Sou
Date Data Arrived at EDR: 09/06/2022	Tele
Date Made Active in Reports: 12/05/2022	Last
Number of Days to Update: 90	Nex
	_

Source: Environmental Protection Agency Telephone: 703-603-8704 Last EDR Contact: 12/21/2022 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Varies

#### SEMS: Superfund Enterprise Management System

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Quarterly

### Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Quarterly

#### Lists of Federal RCRA facilities undergoing Corrective Action

#### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/21/2022	Source: EPA
Date Data Arrived at EDR: 11/21/2022	Telephone: 800-424-9346
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	Data Release Frequency: Quarterly

### Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 11/21/2022 Date Data Arrived at EDR: 11/21/2022 Date Made Active in Reports: 12/05/2022 Number of Days to Update: 14 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 12/21/2022 Next Scheduled EDR Contact: 04/03/2023 Data Release Frequency: Quarterly

#### Lists of Federal RCRA generators

#### RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 11/21/2022 Date Data Arrived at EDR: 11/21/2022 Date Made Active in Reports: 12/05/2022 Number of Days to Update: 14 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 12/21/2022 Next Scheduled EDR Contact: 04/03/2023 Data Release Frequency: Quarterly

#### RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 11/21/2022 Date Data Arrived at EDR: 11/21/2022 Date Made Active in Reports: 12/05/2022 Number of Days to Update: 14 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 12/21/2022 Next Scheduled EDR Contact: 04/03/2023 Data Release Frequency: Quarterly

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

Date of Government Version: 11/21/2022 Date Data Arrived at EDR: 11/21/2022 Date Made Active in Reports: 12/05/2022 Number of Days to Update: 14 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 12/21/2022 Next Scheduled EDR Contact: 04/03/2023 Data Release Frequency: Quarterly

#### Federal institutional controls / engineering controls registries

#### LUCIS: Land Use Control Information System

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

Date of Government Version: 11/02/2022 Date Data Arrived at EDR: 11/08/2022 Date Made Active in Reports: 01/10/2023 Number of Days to Update: 63 Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/03/2023 Next Scheduled EDR Contact: 05/22/2023 Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

## US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 10/27/2022 Date Data Arrived at EDR: 11/16/2022 Date Made Active in Reports: 02/09/2023 Number of Days to Update: 85 Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 02/21/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies

#### Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/12/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 12/19/2022 Number of Days to Update: 5 Source: National Response Center, United States Coast Guard Telephone: 202-267-2180 Last EDR Contact: 12/14/2022 Next Scheduled EDR Contact: 04/03/2023 Data Release Frequency: Quarterly

### Lists of state- and tribal hazardous waste facilities

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

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: Environmental Quality Board Telephone: 787-767-8181 Last EDR Contact: 08/22/2005 Next Scheduled EDR Contact: 11/21/2005 Data Release Frequency: N/A

#### Lists of state and tribal leaking storage tanks

#### LUST: Leaking Underground Storage Tanks

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

Date of Government Version: 09/24/2020	Source: Environmental Quality Board
Date Data Arrived at EDR: 02/09/2021	Telephone: 787-767-8056
Date Made Active in Reports: 05/04/2021	Last EDR Contact: 01/20/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/17/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/02/2022 Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/31/2022 Number of Days to Update: 79 Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

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

Date of Government Version: 04/14/2022 Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/16/2022 Number of Days to Update: 64	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies	
INDIAN LUST R8: Leaking Underground Storage T LUSTs on Indian land in Colorado, Montana, I	Րanks on Indian Land North Dakota, South Dakota, Utah and Wyoming.	
Date of Government Version: 04/20/2022 Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/16/2022 Number of Days to Update: 64	Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies	
INDIAN LUST R9: Leaking Underground Storage T LUSTs on Indian land in Arizona, California, N		
Date of Government Version: 04/08/2022 Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/16/2022 Number of Days to Update: 64	Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies	
INDIAN LUST R10: Leaking Underground Storage LUSTs on Indian land in Alaska, Idaho, Orego		
Date of Government Version: 04/20/2022 Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/16/2022 Number of Days to Update: 64	Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies	
INDIAN LUST R5: Leaking Underground Storage T Leaking underground storage tanks located o	Γanks on Indian Land n Indian Land in Michigan, Minnesota and Wisconsin.	
Date of Government Version: 04/11/2022 Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/16/2022 Number of Days to Update: 64	Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies	
INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.		
Date of Government Version: 04/28/2022 Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/16/2022 Number of Days to Update: 64	Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies	
Lists of state and tribal registered storage tanks		
FEMA UST: Underground Storage Tank Listing A listing of all FEMA owned underground stor	age tanks.	
Date of Government Version: 10/14/2021 Date Data Arrived at EDR: 11/05/2021	Source: FEMA Telephone: 202-646-5797	

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 12/28/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

UST: Underground Storage Tank Facilities Underground storage tank site locations. Date of Government Version: 01/01/2008 Source: Environmental Quality Board Date Data Arrived at EDR: 03/26/2008 Telephone: 787-767-8056 Date Made Active in Reports: 04/23/2008 Last EDR Contact: 02/27/2023 Next Scheduled EDR Contact: 05/01/2023 Number of Days to Update: 28 Data Release Frequency: Semi-Annually INDIAN UST R6: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes). Date of Government Version: 04/28/2022 Source: EPA Region 6 Date Data Arrived at EDR: 06/13/2022 Telephone: 214-665-7591 Date Made Active in Reports: 08/16/2022 Last EDR Contact: 01/17/2023 Number of Days to Update: 64 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies INDIAN UST R5: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations). Date of Government Version: 04/11/2022 Source: EPA Region 5 Date Data Arrived at EDR: 06/13/2022 Telephone: 312-886-6136 Date Made Active in Reports: 08/16/2022 Last EDR Contact: 01/17/2023 Number of Days to Update: 64 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies INDIAN UST R1: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations). Date of Government Version: 04/07/2022 Source: EPA, Region 1 Date Data Arrived at EDR: 06/13/2022 Telephone: 617-918-1313 Last EDR Contact: 01/17/2023 Date Made Active in Reports: 08/16/2022 Number of Days to Update: 64 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies INDIAN UST R4: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations) Date of Government Version: 06/02/2022 Source: EPA Region 4 Date Data Arrived at EDR: 06/13/2022 Telephone: 404-562-9424 Last EDR Contact: 01/17/2023 Date Made Active in Reports: 08/31/2022 Number of Days to Update: 79 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies INDIAN UST R10: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/16/2022	Telephone: 206-553-2857 Last EDR Contact: 01/17/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

### INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2022	
Date Data Arrived at EDR: 06/13/2022	
Date Made Active in Reports: 08/16/2022	
Number of Days to Update: 64	

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6137
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2022 Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/16/2022 Number of Days to Update: 64 Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

#### Lists of state and tribal voluntary cleanup sites

#### INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 07/08/2021 Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 142 Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 12/13/2022 Next Scheduled EDR Contact: 04/03/2023 Data Release Frequency: Varies

### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 02/23/2022 Date Data Arrived at EDR: 03/10/2022 Date Made Active in Reports: 03/10/2022 Number of Days to Update: 0 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 12/07/2022 Next Scheduled EDR Contact: 03/27/2023 Data Release Frequency: Semi-Annually

## Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands Location of open dumps on Indian land.

	Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008 Number of Days to Update: 52	Source: Environmental Protection Agency Telephone: 703-308-8245 Last EDR Contact: 01/20/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Varies
(	DDI: Open Dump Inventory An open dump is defined as a disposal facility Subtitle D Criteria.	that does not comply with one or more of the Part 257 or Part 258
	Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004 Number of Days to Update: 39	Source: Environmental Protection Agency Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned
I	DEBRIS REGION 9: Torres Martinez Reservation A listing of illegal dump sites location on the T County and northern Imperial County, Califorr	orres Martinez Indian Reservation located in eastern Riverside
	Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009	Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 01/13/2023

Data Release Frequency: No Update Planned IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Number of Days to Update: 137

Source: Department of Health & Human Serivces, Indian Health Service Telephone: 301-443-1452 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Varies

#### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 01/06/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 8 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: No Update Planned

Next Scheduled EDR Contact: 05/01/2023

#### US CDL: Clandestine Drug Labs

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

Date of Government Version: 01/06/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 8 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Quarterly

## Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: Environmental Protection Agency Telephone: 202-564-6023 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Semi-Annually

### **Records of Emergency Release Reports**

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

Date of Government Version: 09/19/2022	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/19/2022	Telephone: 202-366-4555
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 12/14/2022
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/03/2023
	Data Release Frequency: Quarterly

#### Other Ascertainable Records

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

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

Date of Government Version: 11/21/2022 Date Data Arrived at EDR: 11/21/2022 Date Made Active in Reports: 12/05/2022 Number of Days to Update: 14 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 12/21/2022 Next Scheduled EDR Contact: 04/03/2023 Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 11/01/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 91

Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 Last EDR Contact: 02/14/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021 Date Data Arrived at EDR: 07/13/2021 Date Made Active in Reports: 03/09/2022 Number of Days to Update: 239 Source: USGS Telephone: 888-275-8747 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019 Number of Days to Update: 574 Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 01/03/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: N/A

#### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021 Date Data Arrived at EDR: 02/03/2023 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 7 Source: Environmental Protection Agency Telephone: 615-532-8599 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 05/22/2023 Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 09/19/2022 Date Data Arrived at EDR: 09/20/2022 Date Made Active in Reports: 12/22/2022 Number of Days to Update: 93 Source: Environmental Protection Agency Telephone: 202-566-1917 Last EDR Contact: 12/14/2022 Next Scheduled EDR Contact: 04/03/2023 Data Release Frequency: Quarterly

#### EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014 Number of Days to Update: 88 Source: Environmental Protection Agency Telephone: 617-520-3000 Last EDR Contact: 01/30/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018 Number of Days to Update: 73 Source: Environmental Protection Agency Telephone: 703-308-4044 Last EDR Contact: 02/03/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 06/17/2020 Date Made Active in Reports: 09/10/2020 Number of Days to Update: 85 Source: EPA Telephone: 202-260-5521 Last EDR Contact: 12/12/2022 Next Scheduled EDR Contact: 03/27/2023 Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Source: EPA Telephone: 202-566-0250 Last EDR Contact: 02/16/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Annually

#### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 10/17/2022 Date Data Arrived at EDR: 10/18/2022 Date Made Active in Reports: 01/10/2023 Number of Days to Update: 84 Source: EPA Telephone: 202-564-4203 Last EDR Contact: 01/18/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Annually

#### ROD: Records Of Decision

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: 703-416-0223 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 03/13/2023 Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 04/27/2022 Date Data Arrived at EDR: 05/04/2022 Date Made Active in Reports: 05/10/2022 Number of Days to Update: 6 Source: Environmental Protection Agency Telephone: 202-564-8600 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

#### RAATS: RCRA Administrative Action Tracking System

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

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

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 02/02/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

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

Date of Government Version: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 01/04/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Annually

#### ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017 Number of Days to Update: 79 Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 12/28/2022 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/26/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 11/22/2022	Telephone: 301-415-7169
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 11/29/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 11/11/2019 Number of Days to Update: 251 Source: Environmental Protection Agency Telephone: N/A Last EDR Contact: 02/27/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Varies

**RADINFO:** Radiation Information Database

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

Date of Government Version: 07/01/2019 Date Data Arrived at EDR: 07/01/2019 Date Made Active in Reports: 09/23/2019 Number of Days to Update: 84 Source: Environmental Protection Agency Telephone: 202-343-9775 Last EDR Contact: 12/20/2022 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40 Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 12/17/2008 Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020	Source: Department of Transporation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 01/24/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/08/2023
	Data Release Frequency: Quarterly

#### CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2022	
Date Data Arrived at EDR: 10/21/2022	
Date Made Active in Reports: 01/10/2023	
Number of Days to Update: 81	

Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Contact: 01/03/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2019 Date Data Arrived at EDR: 03/02/2022 Date Made Active in Reports: 03/25/2022 Number of Days to Update: 23 Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 12/21/2022 Next Scheduled EDR Contact: 04/03/2023 Data Release Frequency: Biennially

#### INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/06/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Semi-Annually

#### FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 07/26/2021	
Date Data Arrived at EDR: 07/27/2021	
Date Made Active in Reports: 10/22/2021	
Number of Days to Update: 87	

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 01/30/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020 Number of Days to Update: 74

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/13/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26

Source: Environmental Protection Agency Telephone: 703-603-8787 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Varies

#### LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 36

Source: American Journal of Public Health Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually
US AIRS MINOR: Air Facility System Data A listing of minor source facilities.	
Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually
MINES VIOLATIONS: MSHA Violation Assessmen Mines violation and assessment information.	nt Data Department of Labor, Mine Safety & Health Administration.
Date of Government Version: 11/29/2022 Date Data Arrived at EDR: 11/30/2022 Date Made Active in Reports: 12/22/2022 Number of Days to Update: 22	Source: DOL, Mine Safety & Health Admi Telephone: 202-693-9424 Last EDR Contact: 02/23/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Quarterly
US MINES: Mines Master Index File Contains all mine identification numbers issue violation information.	ed for mines active or opened since 1971. The data also includes
Date of Government Version: 11/07/2022 Date Data Arrived at EDR: 11/17/2022 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 85	Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 02/22/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Semi-Annually
	al mines are facilities that extract ferrous metals, such as iron ous metal mines are facilities that extract nonferrous metals, such
Date of Government Version: 05/06/2020 Date Data Arrived at EDR: 05/27/2020 Date Made Active in Reports: 08/13/2020 Number of Days to Update: 78	Source: USGS Telephone: 703-648-7709 Last EDR Contact: 02/24/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies
US MINES 3: Active Mines & Mineral Plants Datab Active Mines and Mineral Processing Plant o of the USGS.	pase Listing perations for commodities monitored by the Minerals Information Team
Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011 Number of Days to Update: 97	Source: USGS Telephone: 703-648-7709 Last EDR Contact: 02/24/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies
ABANDONED MINES: Abandoned Mines An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.	

Date of Government Version: 09/13/2022 Date Data Arrived at EDR: 09/14/2022 Date Made Active in Reports: 12/05/2022 Number of Days to Update: 82 Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 12/13/2022 Next Scheduled EDR Contact: 03/20/2023 Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 08/03/2022	Source: EPA
Date Data Arrived at EDR: 08/25/2022	Telephone: (212) 637-3000
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 02/28/2023
Number of Days to Update: 60	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 02/24/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/25/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/30/2022	Telephone: 202-564-2280
Date Made Active in Reports: 12/22/2022	Last EDR Contact: 01/04/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021	Source: Department of Defense
Date Data Arrived at EDR: 10/20/2022	Telephone: 703-704-1564
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/09/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 11/10/2022 Date Data Arrived at EDR: 11/10/2022 Date Made Active in Reports: 02/09/2023 Number of Days to Update: 91 Source: EPA Telephone: 800-385-6164 Last EDR Contact: 02/14/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

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

Date of Government Version: 02/23/2022 Date Data Arrived at EDR: 07/08/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 123 Source: Environmental Protection Agency Telephone: 703-603-8895 Last EDR Contact: 01/10/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

### PFAS FEDERAL SITES: Federal Sites PFAS Information

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

Date of Government Version: 02/23/2022 Date Data Arrived at EDR: 03/31/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 222 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### PFAS TSCA: PFAS Manufacture and Imports Information

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

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

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

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST\_HANDLING\_INSTR), Non-hazardous waste description (NON\_HAZ\_WASTE\_DESCRIPTION), DOT printed information (DOT\_PRINTED\_INFORMATION), Waste line handling instructions (WASTE\_LINE\_HANDLING\_INSTR), Waste residue comments (WASTE\_RESIDUE\_COMMENTS).

Date of Government Version: 01/03/2022	5
Date Data Arrived at EDR: 03/31/2022	٦
Date Made Active in Reports: 11/08/2022	L
Number of Days to Update: 222	1

Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

### PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services Telephone: 202-741-5770 Last EDR Contact: 01/23/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Varies

### PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 01/03/2022 Date Data Arrived at EDR: 03/31/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 222 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 01/03/2022 Date Data Arrived at EDR: 03/31/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 222 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

### PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 08/22/2018 Date Data Arrived at EDR: 03/31/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 222 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 08/22/2018 Date Data Arrived at EDR: 10/26/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 13 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies
	. ,

### PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 12/28/2022

Date of Government Version: 07/14/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/29/2011 Number of Days to Update: 55 Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 12/28/2022 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Semi-Annually

#### PCS INACTIVE: Listing of Inactive PCS Permits An inactive permit is a facility that has shut down or is no longer discharging.

PCS ENF: Enforcement data No description is available for this data

> Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 02/05/2015 Date Made Active in Reports: 03/06/2015 Number of Days to Update: 29

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

> Date of Government Version: 08/23/2022 Date Data Arrived at EDR: 11/22/2022 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 98

Source: EPA Telephone: 202-564-2497 Last EDR Contact: 12/28/2022 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Semi-Annually

Source: USGS Telephone: 703-648-6533 Last EDR Contact: 02/24/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies

#### EDR HIGH RISK HISTORICAL RECORDS

#### **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

#### EDR RECOVERED GOVERNMENT ARCHIVES

## Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Environmental Quality Board in Puerto Rico.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/04/2014 Number of Days to Update: 187 Source: Environmental Quality Board Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

### **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/16/2019 Number of Days to Update: 36	Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 12/28/2022 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Annually
RI MANIFEST: Manifest information Hazardous waste manifest information	
Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 11/30/2021 Date Made Active in Reports: 02/18/2022 Number of Days to Update: 80	Source: Department of Environmental Management Telephone: 401-222-2797 Last EDR Contact: 02/13/2022 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Annually

## **Oil/Gas Pipelines**

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals: Source: American Hospital Association, Inc. Telephone: 312-280-5991 The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals. Medical Centers: Provider of Services Listing Source: Centers for Medicare & Medicaid Services Telephone: 410-786-3000 A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services. Nursing Homes Source: National Institutes of Health Telephone: 301-594-6248 Information on Medicare and Medicaid certified nursing homes in the United States. **Public Schools** Source: National Center for Education Statistics Telephone: 202-502-7300 The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states. **Private Schools** Source: National Center for Education Statistics Telephone: 202-502-7300 The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Telephone: 877-336-2627 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

### STREET AND ADDRESS INFORMATION

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# **GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM**

## TARGET PROPERTY ADDRESS

CALLE EMERITO ESTRADA #1 SAN SEBASTIAN SAN SEBASTIAN, PR 00685

## TARGET PROPERTY COORDINATES

Latitude (North):	18.33308 - 18 19' 59.09"
Longitude (West):	66.985957 - 66 ^ 59' 9.45''
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	712846.5
UTM Y (Meters):	2028091.9
Elevation:	261 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property:	N/A
Source:	USGS 7.5 min quad index
West Map:	12360438 CENTRAL LA PLATA, PR
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

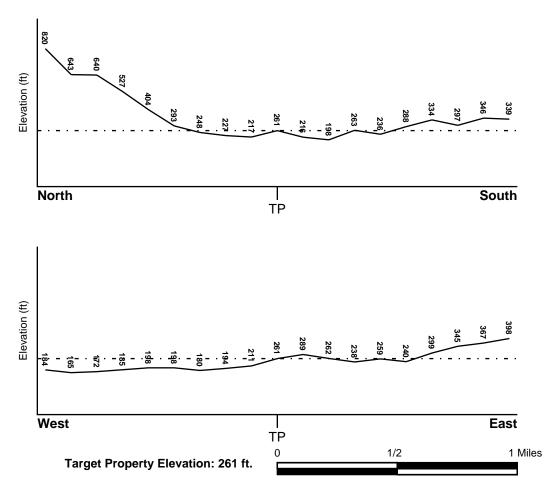
## **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
720000076B	FEMA Q3 Flood data
Additional Panels in search area:	FEMA Source Type
720000072B	FEMA Q3 Flood data
NATIONAL WETLAND INVENTORY	
NWI Quad at Target Property NOT AVAILABLE	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

MAP ID

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

Not Reported

LOCATION

FROM TP

GENERAL DIRECTION GROUNDWATER FLOW

## **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

## **ROCK STRATIGRAPHIC UNIT**

## **GEOLOGIC AGE IDENTIFICATION**

Era:	- Category: -
System:	-
Series:	-
Code:	N/A (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	ROCK OUTCROP
Soil Surface Texture:	unweathered bedrock
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Not reported
Hydric Status: Soil does not meet the	requirements for a hydric soil.
Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 0 inches
Depth to Bedrock Max:	> 0 inches

Soil Layer Information							
	Boundary Classification						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	60 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

## OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:	gravelly - clay clay silty clay loam
Surficial Soil Types:	gravelly - clay clay silty clay loam
Shallow Soil Types:	No Other Soil Types
Deeper Soil Types:	gravelly - clay

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile

## FEDERAL USGS WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
2	USGS40001045196	1/4 - 1/2 Mile WNW

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

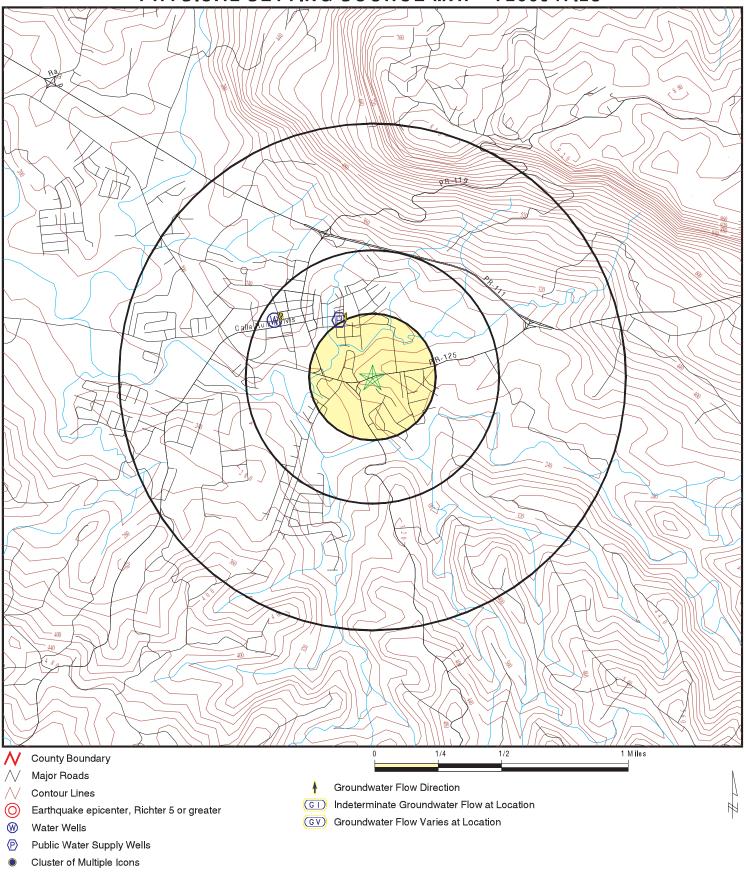
MAP ID	WELL ID	LOCATION FROM TP
1	PR0367023	1/4 - 1/2 Mile NNW

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP

Note: PWS System location is not always the same as well location.

## **PHYSICAL SETTING SOURCE MAP - 7266947.2s**



ADDRESS:	CONTACT:	AVA Environmental Consultants Inc. Augusto Velazquez 7266947.2s Report Prepared on July 2023 March 01, 2023 11:15 am

## **GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance Elevation

1 NNW				
1/4 - 1/2 Mile Lower			FRDS PWS	PR0367023
Epa region:	02	State:	PR	
Pwsid:	PR0367023	Pwsname:	EUA	
Cityserved:	Not Reported	Stateserved:	PR	
Zipserved:	Not Reported	Fipscounty:	7213	1
Status:	Closed	Retpopsrvd:	90	
Pwssvcconn:	0	Psource longname:	Surfa	ce_water
Pwstype:	TNCWS	Owner:	State	_Govt
Contact:	EUACIO	Contactorgname:	Not F	Reported
Contactphone:	809-	Contactaddress1:	Not F	Reported
Contactaddress2:	CARR. #119 KM.44.8 BO. GUACIO			
Contactcity:	SAN SEBASTIAN	Contactstate:	PR	
Contactzip:	00755	Pwsactivitycode:	I	
Pwsid:	PR0367023	Facid:	1T	
Facname:	SPRING	Factype:	Treat	ment_plant
Facactivitycode:	I	Trtobjective:	disinf	ection
Trtprocess:	chlorination (frds-1.5)	Factypecode:	TP	
PWS ID:	PR0367023	PWS type:	Mailir	ng
PWS name:	COMUNIDAD GUACIO-SR. DOMING	90		
PWS address:	Not Reported	PWS city:	BUZO	ON 756 SAN SEBASTIAN
PWS state:	PR	PWS zip:	0075	5
PWS ID:	PR0367023	Activity status:	Activ	9
Date system activated:	7706	Date system deactivated		Reported
Retail population:	0000090	System name:	EUA	CIO
System address:	Not Reported	System address:	-	R. #119 KM.44.8 BO. GUACIO
System city:	SAN SEBASTIAN	System state:	PR	
System zip:	00755			
Population served:	Under 101 Persons	Treatment:	Treat	ed
Latitude:	182018	Longitude:	0665	918

#### 2 WNW 1/4 - 1/2 Mile Higher

FED USGS USGS40001045196

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	SAN SEBASTIAN WELL, SAN SEBASTIAN, PR		
Type:	Well		
Description:	PUBLICATION SITE.NETWORK WATER LEVEL DATA		
HUC:	21010003	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1967	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	300
Well Hole Depth Units:	ft		
·			

Ground water levels,Number of Measurements: Feet below surface: 29.7 155

Level reading date: Feet to sea level: 1991-03-19 Not Reported

#### Note:

Level reading date: Feet to sea level:

Not Reported
1991-02-21 Not Reported
1991-01-25 Not Reported
1990-12-06 Not Reported
1990-11-08 Not Reported
1990-10-05 Not Reported
1990-09-13 Not Reported
1990-08-15 Not Reported
1990-07-18 Not Reported
1990-06-06 Not Reported
1990-04-11 Not Reported
1990-03-15 Not Reported
1990-02-14 Not Reported
1990-01-10 Not Reported

1989-12-07 Not Reported

1989-11-09 Not Reported

1989-09-27 Not Reported

1989-09-13 Not Reported

1989-08-09 Not Reported

1989-07-18 Not Reported

1989-06-06 Not Reported Feet below surface: Note: Feet below surface: Note: Feet below surface: Note: Feet below surface: Note:

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Feet below surface: Note:

Feet below surface: Note: 29.7 Not Reported

29.6 Not Reported

27.2 Not Reported

28.4 Not Reported

27.4 Not Reported

27.0 Not Reported

26.9 Not Reported

27.4 Not Reported

26.28 Not Reported

25.14 Not Reported

25.16 Not Reported

25.40 Not Reported

25.77 Not Reported

26.53 Not Reported

27.25 Not Reported

26.78 Not Reported

27.11 Not Reported

28.37 Not Reported

27.10 Not Reported

27.90 Not Reported

Level reading date: Feet to sea level:

### 1989-05-11 Not Reported

1989-04-06 Not Reported

1989-01-11 Not Reported

1988-12-06 Not Reported

1988-11-02 Not Reported

1988-10-06 Not Reported

1988-09-14 Not Reported

1988-08-02 Not Reported

1988-07-12 Not Reported

1988-06-07 Not Reported

1988-05-12 Not Reported

1988-03-28 Not Reported

1988-01-25 Not Reported

1987-12-10 Not Reported

1987-10-29 Not Reported

1987-09-18 Not Reported

1987-08-07 Not Reported

1987-06-26 Not Reported

1987-06-26 Not Reported

1987-05-13 Not Reported

1987-04-02 Not Reported Feet below surface: Note:

Feet below surface: Note: 28.27 Not Reported

28.87 Not Reported

29.67 Not Reported

28.68 Not Reported

27.13 Not Reported

27.45 Not Reported

26.98 Not Reported

28.28 Not Reported

27.04 Not Reported

26.92 Not Reported

28.56 Not Reported

30.15 Not Reported

29.03 Not Reported

27.82 Not Reported

28.30 Not Reported

27.77 Not Reported

28.12 Not Reported

29.35 Not Reported

29.45 Not Reported

28.40 Not Reported

29.67 Not Reported

Level reading date:	
Feet to sea level:	

Level reading date: Feet to sea level:

### 1987-02-24 Not Reported

1987-01-16 Not Reported

1986-11-13 Not Reported

1986-09-26 Not Reported

1986-07-24 Not Reported

1986-06-27 Not Reported

1986-05-14 Not Reported

1986-04-17 Not Reported

> 1986-02-20 Not Reported

1986-01-17 Not Reported

1985-12-19 Not Reported

1985-12-06 Not Reported

1985-11-14 Not Reported

1985-10-09 Not Reported

1985-01-16 Not Reported

1984-12-20 Not Reported

1984-12-10 Not Reported

1984-11-02 Not Reported

1984-10-01 Not Reported

1984-09-05 Not Reported

1984-04-25 Not Reported Feet below surface: Note: Feet below surface:

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Feet below surface: Note:

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Feet below surface: Note:

Feet below surface: Note: 29.00 Not Reported

29.20 Not Reported

28.10 Not Reported

29.05 Not Reported

28.70 Not Reported

27.75 Not Reported

24.48 Not Reported

28.75 Not Reported

29.65 Not Reported

29.53 Not Reported

28.90 Not Reported

28.28 Not Reported

28.20 Not Reported

26.88 Not Reported

29.93 Not Reported

29.51 Not Reported

29.22 Not Reported

27.55 Not Reported

26.77 Not Reported

28.04 Not Reported

30.28 Not Reported

Level reading date: Feet to sea level:

### 1983-09-01 Not Reported

1983-08-03 Not Reported

1983-07-12 Not Reported

1983-06-06 Not Reported

1983-05-04 Not Reported

1983-04-13 Not Reported

1983-03-16 Not Reported

1983-02-08 Not Reported

1983-01-11 Not Reported

1982-12-21 Not Reported

1982-11-05 Not Reported

1982-10-05 Not Reported

1982-09-01 Not Reported

1982-08-17 Not Reported

1982-07-19 Not Reported

1982-06-15 Not Reported

1982-05-25 Not Reported

1982-04-13 Not Reported

1980-09-04 Not Reported

1980-08-06 Not Reported

1980-07-16 Not Reported Feet below surface: Note:

Feet below surface: Note: 27.96 Not Reported

30.55 Not Reported

28.53 Not Reported

26.88 Not Reported

29.38 Not Reported

30.71 Not Reported

30.22 Not Reported

29.75 Not Reported

29.04 Not Reported

28.90 Not Reported

28.74 Not Reported

28.67 Not Reported

28.31 Not Reported

26.47 Not Reported

27.22 Not Reported

27.24 Not Reported

27.83 Not Reported

30.20 Not Reported

28.26 Not Reported

28.64 Not Reported

28.77 Not Reported

Level reading date:
Feet to sea level:

Level reading date: Feet to sea level:

1980-05-29	
Not Reported	

1

1980-05-01 Not Reported

1980-04-03 Not Reported

1980-03-20 Not Reported

1980-02-20 Not Reported

1980-01-15 Not Reported

1979-12-13 Not Reported

1979-11-19 Not Reported

1979-10-11 Not Reported

1979-06-21 Not Reported

1979-02-02 Not Reported

1979-01-16 Not Reported

1978-12-15 Not Reported

1978-11-07 Not Reported

1978-10-12 Not Reported

1978-09-08 Not Reported

1978-08-23 Not Reported

1978-06-22 Not Reported

1978-05-02 Not Reported

1978-04-18 Not Reported

1978-03-22 Not Reported Feet below surface: Note: Feet below surface:

Feet below surface:

Note:

Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface:

Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

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Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

26.45 Not Reported

28.47 Not Reported

29.65 Not Reported

30.46 Not Reported

30.18 Not Reported

29.73 Not Reported

28.98 Not Reported

29.73 Not Reported

27.67 Not Reported

26.82 Not Reported

29.26 Not Reported

30.00 Not Reported

30.08 Not Reported

29.07 Not Reported

28.06 Not Reported

28.44 Not Reported

28.31 Not Reported

27.67 Not Reported

28.49 Not Reported

30.00 Not Reported

30.27 Not Reported

Level reading date: Feet to sea level:	1978-02-03 Not Reported	Feet below surface: Note:	30.37 Not Reported
Level reading date: Feet to sea level:	1978-01-18 Not Reported	Feet below surface: Note:	30.60 Not Reported
Level reading date: Feet to sea level:	1977-12-14 Not Reported	Feet below surface: Note:	29.48 Not Reported
Level reading date: Feet to sea level:	1977-10-21 Not Reported	Feet below surface: Note:	29.69 Not Reported
Level reading date: Feet to sea level:	1977-09-15 Not Reported	Feet below surface: Note:	28.35 Not Reported
Level reading date: Feet to sea level:	1977-08-18 Not Reported	Feet below surface: Note:	29.32 Not Reported
Level reading date: Feet to sea level:	1977-07-19 Not Reported	Feet below surface: Note:	28.80 Not Reported
Level reading date: Feet to sea level:	1977-06-09 Not Reported	Feet below surface: Note:	29.32 Not Reported
Level reading date: Feet to sea level:	1977-05-03 Not Reported	Feet below surface: Note:	30.52 Not Reported
Level reading date: Feet to sea level:	' 1977-04-05 Not Reported	Feet below surface: Note:	31.18 Not Reported
Level reading date: Feet to sea level:	1977-03-15 Not Reported	Feet below surface: Note:	30.96 Not Reported
Level reading date: Feet to sea level:	1977-02-18 Not Reported	Feet below surface: Note:	30.66 Not Reported
Level reading date: Feet to sea level:	1977-01-12	Feet below surface:	30.40
Level reading date:	Not Reported	Note: Feet below surface:	Not Reported
Feet to sea level: Level reading date:	Not Reported	Note: Feet below surface:	Not Reported
Feet to sea level: Level reading date:	Not Reported 1976-10-23	Note: Feet below surface:	Not Reported 28.40
Feet to sea level: Level reading date:	Not Reported 1972-10-06	Note: Feet below surface:	Not Reported 27.41
Feet to sea level: Level reading date:	Not Reported 1972-05-22	Note: Feet below surface:	Not Reported 28.97
Feet to sea level: Level reading date:	Not Reported 1972-04-10	Note: Feet below surface:	Not Reported 30.47
Feet to sea level: Level reading date:	Not Reported	Note: Feet below surface:	Not Reported 31.20
Feet to sea level: Level reading date:	Not Reported	Note: Feet below surface:	Not Reported
East to app loval:	Not Reported	Noto:	20.04 Not Poportod

Note:

Feet to sea level:

Not Reported

Not Reported

Level reading date:	1971-10-20	Feet below surface:	28.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-09-21	Feet below surface:	28.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-08-17	Feet below surface:	28.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-07-08	Feet below surface:	28.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-06-23	Feet below surface:	28.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-05-20	Feet below surface:	28.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-09-22	Feet below surface:	28.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-08-12	Feet below surface:	29.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-07-21	Feet below surface:	40.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-11-26	Feet below surface:	28.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-08-21	Feet below surface:	28.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-07-10	Feet below surface:	28.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-06-04	Feet below surface:	28.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-05-23	Feet below surface:	28.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-04-30	Feet below surface:	29.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-03-07	Feet below surface:	30.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-01-15	Feet below surface:	30.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-12-04	Feet below surface:	28.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-10-25	Feet below surface:	28.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-09-24	Feet below surface:	28.44
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date: Feet to sea level:

28.39

Not Reported

Feet below surface:

Note:

Level reading date:	1968-07-24	Feet below surface:	28.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-06-19	Feet below surface:	27.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-05-08	Feet below surface:	30.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-04-04	Feet below surface:	31.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-03-21	Feet below surface:	30.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-02-20	Feet below surface:	30.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-01-08	Feet below surface:	31.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-05-22	Feet below surface:	32.64
Feet to sea level:	Not Reported	Note:	Not Reported

### AREA RADON INFORMATION

Not Reported

### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

### HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Telephone: 877-336-2627 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS) Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

### LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### **OTHER STATE DATABASE INFORMATION**

#### RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones Source: EPA Telephone: 703-356-4020 Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

### STREET AND ADDRESS INFORMATION

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Calle Emerito Estrada #2

San Sebastian San Sebastian, PR 00685

Inquiry Number: 7266970.2s March 30, 2023

# The EDR Radius Map<sup>™</sup> Report with GeoCheck®



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

Report Prepared on July 2023

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

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

### ADDRESS

SAN SEBASTIAN SAN SEBASTIAN, PR 00685

### COORDINATES

Latitude (North):	18.3354230 - 18° 20' 7.52''
Longitude (West):	66.9773310 - 66° 58' 38.39"
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	713755.5
UTM Y (Meters):	2028361.4
Elevation:	274 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: Source: N/A U.S. Geological Survey

West Map: Version Date: 12360438 CENTRAL LA PLATA, PR 2018

# Target Property Address: SAN SEBASTIAN SAN SEBASTIAN, PR 00685

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
1	SHELL #3204	PR-111 INT 119 KM 12	FINDS	Lower	1 ft.

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

### Lists of Federal NPL (Superfund) sites

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

### Lists of Federal Delisted NPL sites

Delisted NPL\_\_\_\_\_ National Priority List Deletions

### Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

### Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE\_\_\_\_\_ Superfund Enterprise Management System Archive

### Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

### Lists of Federal RCRA TSD facilities

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

### Lists of Federal RCRA generators

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

### Federal institutional controls / engineering controls registries

LUCIS...... Land Use Control Information System

	Engineering Controls Sites List
US INST CONTROLS	Institutional Controls Sites List

### Federal ERNS list

ERNS\_\_\_\_\_ Emergency Response Notification System

### Lists of state- and tribal hazardous waste facilities

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

### Lists of state and tribal leaking storage tanks

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

### Lists of state and tribal registered storage tanks

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

### Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

### ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS\_\_\_\_\_ A Listing of Brownfields Sites

### Local Lists of Landfill / Solid Waste Disposal Sites

### Local Lists of Hazardous waste / Contaminated Sites

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

### Local Land Records

LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS\_\_\_\_\_\_ Hazardous Materials Information Reporting System

### Other Ascertainable Records

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

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

### EDR HIGH RISK HISTORICAL RECORDS

### EDR Exclusive Records

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

### EDR RECOVERED GOVERNMENT ARCHIVES

### **Exclusive Recovered Govt. Archives**

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

### ADDITIONAL ENVIRONMENTAL RECORDS

### Other Ascertainable Records

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

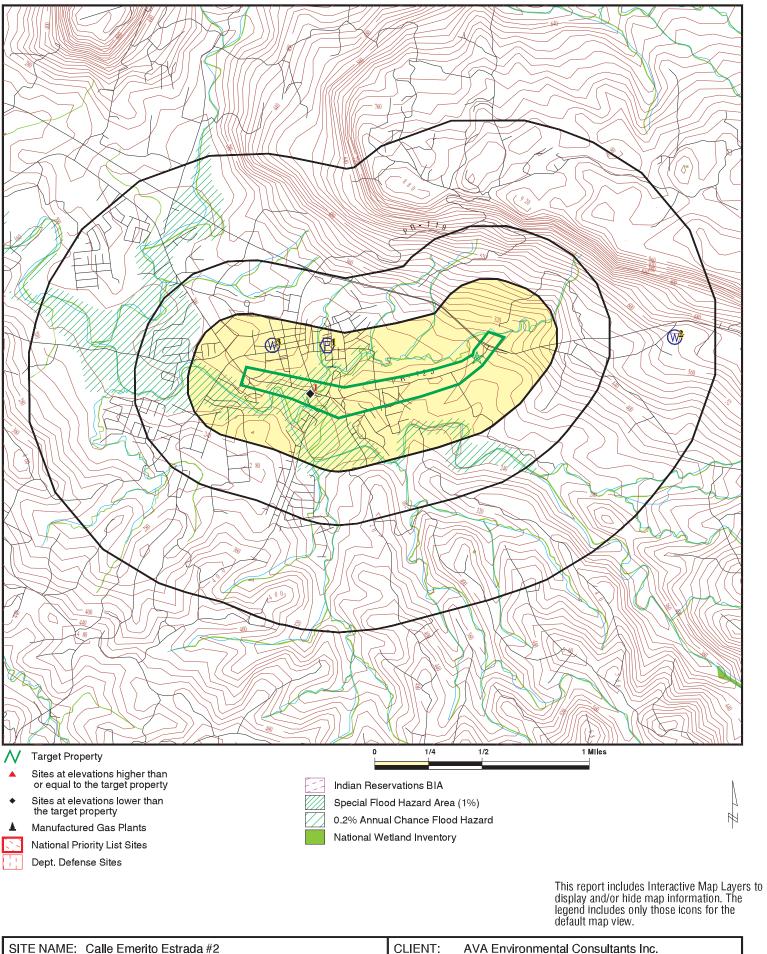
A review of the FINDS list, as provided by EDR, and dated 02/02/2023 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL #3204	PR-111 INT 119 KM 12	0 - 1/8 (0.000 mi.)	1	7
Registry ID:: 110037263902				

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

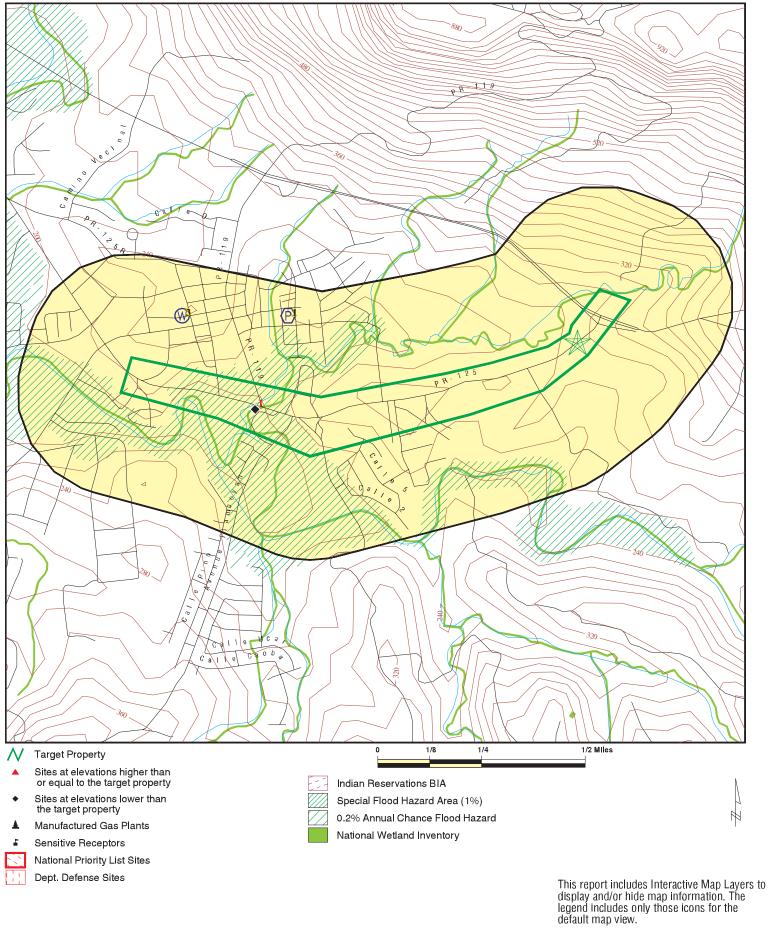
Site Name	Database(s)
MIGUEL MONROIG S/S	LUST
ESSO SC-304	LUST
ESSO 08118	LUST
GARAJE CULEBRINAS	LUST
FIGUEROA S/S	LUST

### **OVERVIEW MAP - 7266970.2S**



ADDRESS:	Calle Emerito Estrada #2 San Sebastian San Sebastian PR 00685 18.335423 / 66.977331	CONTACT:	AVA Environmental Consultants Inc. Augusto Velazquez 7266970.2s Report Prepared on July 2023 March 30, 2023 3:55 pm
LAT/LONG.	10.3334237 00.977331		

### **DETAIL MAP - 7266970.2S**



ADDRESS: S	San Sebastian	CONTACT:	AVA Environmental Consultants Inc. Augusto Velazquez 7266970.2s Report Prepared on July 2023 March 30, 2023 3:55 pm

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Lists of Federal NPL (Su	perfund) sites	5						
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Lists of Federal Delisted	INPL sites							
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites su CERCLA removals and		rs						
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of Federal CERCL	A sites with NI	FRAP						
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
	Lists of Federal RCRA facilities undergoing Corrective Action							
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA T	SD facilities							
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA g	enerators							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional cor engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste faciliti								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Lists of state and tribal	leaking storag	e tanks						
LUST INDIAN LUST	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of state and tribal	registered sto	rage tanks						
FEMA UST	0.250		0	0	NR	NR	NR	0

# **MAP FINDINGS SUMMARY**

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

# **MAP FINDINGS SUMMARY**

	Search Distance	Target						Total
Database	(Miles)	Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Plotted
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		Õ	NR	NR	NR	NR	Õ
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO PFAS ECHO FIRE TRAINII	0.250		0 0	0 0	NR NR	NR NR	NR NR	0 0
PFAS ECHO FIRE TRAINI			0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.200		0	NR	NR	NR	NR	0
	0.001		0					0
EDR HIGH RISK HISTORICA	RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR RECOVERED GOVERNI	MENT ARCHIV	ES						
Exclusive Recovered Govt. Archives								
RGA LUST	0.001		0	NR	NR	NR	NR	0
	0.001		U	1111	1111	INIX	1413	0
- Totals		0	1	0	0	0	0	1

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

1 < 1/8 1 ft.	SHELL #3204 PR-111 INT 119 KM 1 SAN SEBASTIAN, PI		FINDS	1016686996 N/A
	FINDS:			
Relative: Lower	Registry ID:	110037263902		
Actual:	Click Here for Fl	RS Facility Detail Report:		
198 ft.	Environmental Inte	rest/Information System: ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.		

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Count: 5 records.

#### ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN SEBASTIAN	S103553964	MIGUEL MONROIG S/S	CARR 445 KM 2.0		LUST
SAN SEBASTIAN	S103553963	ESSO SC-304	CARR 119 KM 31.2, HOYA MALA		LUST
SAN SEBASTIAN	S101442897	ESSO 08118	CARR 11 & 119		LUST
SAN SEBASTIAN	S106917644	GARAJE CULEBRINAS	CARR. 109 KM. 27.5		LUST
SAN SEBASTIAN	S106917802	FIGUEROA S/S	CARR. 125 KM. 16.8, BO. HATO A		LUST

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

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

### STANDARD ENVIRONMENTAL RECORDS

### Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/03/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 25 Source: EPA Telephone: N/A Last EDR Contact: 03/01/2023 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources:

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

EPA Region 1 Telephone 617-918-1143

EPA Region 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

EPA Region 10 Telephone 206-553-8665 EPA Region 6 Telephone: 214-655-6659

EPA Region 7 Telephone: 913-551-7247

EPA Region 8 Telephone: 303-312-6774

EPA Region 9 Telephone: 415-947-4246

### Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: N/A Last EDR Contact: 03/01/2023 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994 Number of Days to Update: 56 Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

### Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: N/A Last EDR Contact: 03/01/2023 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Quarterly

### Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/20/2022 Date Data Arrived at EDR: 12/21/2022 Date Made Active in Reports: 03/10/2023 Number of Days to Update: 79 Source: Environmental Protection Agency Telephone: 703-603-8704 Last EDR Contact: 03/28/2023 Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 03/01/2023 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 03/01/2023 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Quarterly

#### Lists of Federal RCRA facilities undergoing Corrective Action

### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

### Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

#### Lists of Federal RCRA generators

#### RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

#### RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

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

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

### Federal institutional controls / engineering controls registries

#### LUCIS: Land Use Control Information System

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

Date of Government Version: 11/02/2022 Date Data Arrived at EDR: 11/08/2022 Date Made Active in Reports: 01/10/2023 Number of Days to Update: 63 Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/03/2023 Next Scheduled EDR Contact: 05/22/2023 Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 10/27/2022 Date Data Arrived at EDR: 11/16/2022 Date Made Active in Reports: 02/09/2023 Number of Days to Update: 85 Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 02/21/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies

### Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/12/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 12/19/2022 Number of Days to Update: 5 Source: National Response Center, United States Coast Guard Telephone: 202-267-2180 Last EDR Contact: 03/21/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

### Lists of state- and tribal hazardous waste facilities

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

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: Environmental Quality Board Telephone: 787-767-8181 Last EDR Contact: 08/22/2005 Next Scheduled EDR Contact: 11/21/2005 Data Release Frequency: N/A

### Lists of state and tribal leaking storage tanks

#### LUST: Leaking Underground Storage Tanks

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

Date of Government Version: 09/24/2020	Source: Environmental Quality Board
Date Data Arrived at EDR: 02/09/2021	Telephone: 787-767-8056
Date Made Active in Reports: 05/04/2021	Last EDR Contact: 01/20/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/19/2022	Source: EPA Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/26/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87 Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

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

Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R8: Leaking Underground Storage Tar LUSTs on Indian land in Colorado, Montana, No	
Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R9: Leaking Underground Storage Tar LUSTs on Indian land in Arizona, California, New	
Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R5: Leaking Underground Storage Tar Leaking underground storage tanks located on I	nks on Indian Land ndian Land in Michigan, Minnesota and Wisconsin.
Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R6: Leaking Underground Storage Tar LUSTs on Indian land in New Mexico and Oklah	
Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R10: Leaking Underground Storage Ta LUSTs on Indian land in Alaska, Idaho, Oregon	
Date Made Active in Reports: 08/16/2022 Number of Days to Update: 64	Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
Lists of state and tribal registered storage tanks	
FEMA UST: Underground Storage Tank Listing A listing of all FEMA owned underground storag	e tanks.
	Source: FEMA Telephone: 202-646-5797 Last EDR Contact: 03/29/2023

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 03/29/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

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

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

Source: Environmental Quality Board Telephone: 787-767-8056 Last EDR Contact: 02/27/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87 Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

### INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87 Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

### INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87 Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/19/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87 Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

### INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

### INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87 Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

### Lists of state and tribal voluntary cleanup sites

### INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 07/08/2021 Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 142 Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 03/17/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Varies

### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 02/23/2022 Date Data Arrived at EDR: 03/10/2022 Date Made Active in Reports: 03/10/2022 Number of Days to Update: 0 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 03/14/2023 Next Scheduled EDR Contact: 06/26/2023 Data Release Frequency: Semi-Annually

### Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands Location of open dumps on Indian land.

	Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008 Number of Days to Update: 52	Source: Environmental Protection Agency Telephone: 703-308-8245 Last EDR Contact: 01/20/2023 Next Scheduled EDR Contact: 05/08/2023
		Data Release Frequency: Varies
ODI:	pen Dump Inventory n open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 ubtitle D Criteria.	
	Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004	Source: Environmental Protection Agency Telephone: 800-424-9346 Last EDR Contact: 06/09/2004

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Number of Days to Update: 39

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: No Update Planned

Data Release Frequency: No Update Planned

Next Scheduled EDR Contact: N/A

IHS OPEN DUMPS: Open Dumps on Indian Land

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

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 01/29/2015 Number of Days to Update: 176 Source: Department of Health & Human Serivces, Indian Health Service Telephone: 301-443-1452 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Varies

### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 01/06/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 8 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: No Update Planned

#### US CDL: Clandestine Drug Labs

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

Date of Government Version: 01/06/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 8 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Quarterly

#### Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: Environmental Protection Agency Telephone: 202-564-6023 Last EDR Contact: 03/01/2023 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Semi-Annually

#### **Records of Emergency Release Reports**

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

Date of Government Version: 12/13/2022	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/14/2022	Telephone: 202-366-4555
Date Made Active in Reports: 03/10/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

#### Other Ascertainable Records

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

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

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

#### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 11/01/2022	
Date Data Arrived at EDR: 11/10/2022	
Date Made Active in Reports: 02/09/2023	
Number of Days to Update: 91	

Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 Last EDR Contact: 02/14/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies

#### DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021 Date Data Arrived at EDR: 07/13/2021 Date Made Active in Reports: 03/09/2022 Number of Days to Update: 239 Source: USGS Telephone: 888-275-8747 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019 Number of Days to Update: 574 Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 01/03/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: N/A

#### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021 Date Data Arrived at EDR: 02/03/2023 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 7 Source: Environmental Protection Agency Telephone: 615-532-8599 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 05/22/2023 Data Release Frequency: Varies

#### US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 12/13/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 03/10/2023 Number of Days to Update: 86 Source: Environmental Protection Agency Telephone: 202-566-1917 Last EDR Contact: 03/21/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

#### EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014 Number of Days to Update: 88 Source: Environmental Protection Agency Telephone: 617-520-3000 Last EDR Contact: 01/30/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Quarterly

#### 2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018 Number of Days to Update: 73 Source: Environmental Protection Agency Telephone: 703-308-4044 Last EDR Contact: 02/03/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 06/14/2022 Date Made Active in Reports: 03/24/2023 Number of Days to Update: 283 Source: EPA Telephone: 202-260-5521 Last EDR Contact: 03/13/2023 Next Scheduled EDR Contact: 06/26/2023 Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2021 Date Data Arrived at EDR: 11/01/2022 Date Made Active in Reports: 02/09/2023 Number of Days to Update: 100 Source: EPA Telephone: 202-566-0250 Last EDR Contact: 02/16/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Annually

#### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 10/17/2022 Date Data Arrived at EDR: 10/18/2022 Date Made Active in Reports: 01/10/2023 Number of Days to Update: 84 Source: EPA Telephone: 202-564-4203 Last EDR Contact: 01/18/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Annually

#### ROD: Records Of Decision

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

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: 703-416-0223 Last EDR Contact: 03/01/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 04/27/2022 Date Data Arrived at EDR: 05/04/2022 Date Made Active in Reports: 05/10/2022 Number of Days to Update: 6 Source: Environmental Protection Agency Telephone: 202-564-8600 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

#### RAATS: RCRA Administrative Action Tracking System

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

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

#### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 03/01/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Quarterly

#### PADS: PCB Activity Database System

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

Date of Government Version: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 01/04/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Annually

#### ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017 Number of Days to Update: 79 Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 03/29/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/26/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 11/22/2022	Telephone: 301-415-7169
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 03/03/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 11/11/2019 Number of Days to Update: 251 Source: Environmental Protection Agency Telephone: N/A Last EDR Contact: 02/27/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019 Date Data Arrived at EDR: 07/01/2019 Date Made Active in Reports: 09/23/2019 Number of Days to Update: 84 Source: Environmental Protection Agency Telephone: 202-343-9775 Last EDR Contact: 03/23/2023 Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Quarterly

#### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40 Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 12/17/2007 Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40 Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 12/17/2008 Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020	Source: Department of Transporation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 01/24/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/08/2023
	Data Release Frequency: Quarterly

#### CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2022	
Date Data Arrived at EDR: 10/21/2022	
Date Made Active in Reports: 01/10/2023	
Number of Days to Update: 81	

Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Contact: 01/03/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2021 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Biennially

#### **INDIAN RESERV: Indian Reservations**

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

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/06/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Semi-Annually

#### FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 01/30/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies

#### UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020 Number of Days to Update: 74 Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/13/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies

#### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023Source: IDate Data Arrived at EDR: 02/02/2023TelephonDate Made Active in Reports: 02/28/2023Last EDRNumber of Days to Update: 26Next School

Source: Environmental Protection Agency Telephone: 703-603-8787 Last EDR Contact: 03/01/2023 Next Scheduled EDR Contact: 04/10/2023 Data Release Frequency: Varies

#### LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually	
US AIRS MINOR: Air Facility System Data A listing of minor source facilities.		
Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually	
MINES VIOLATIONS: MSHA Violation Assessmer Mines violation and assessment information.	nt Data Department of Labor, Mine Safety & Health Administration.	
Date of Government Version: 02/27/2023 Date Data Arrived at EDR: 03/01/2023 Date Made Active in Reports: 03/24/2023 Number of Days to Update: 23	Source: DOL, Mine Safety & Health Admi Telephone: 202-693-9424 Last EDR Contact: 02/23/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Quarterly	
US MINES: Mines Master Index File Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.		
Date of Government Version: 11/07/2022 Date Data Arrived at EDR: 11/17/2022 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 85	Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 02/22/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Semi-Annually	
	I mines are facilities that extract ferrous metals, such as iron ous metal mines are facilities that extract nonferrous metals, such	
Date of Government Version: 05/06/2020 Date Data Arrived at EDR: 05/27/2020 Date Made Active in Reports: 08/13/2020 Number of Days to Update: 78	Source: USGS Telephone: 703-648-7709 Last EDR Contact: 02/24/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies	
US MINES 3: Active Mines & Mineral Plants Datab Active Mines and Mineral Processing Plant op of the USGS.	base Listing berations for commodities monitored by the Minerals Information Team	
Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011 Number of Days to Update: 97	Source: USGS Telephone: 703-648-7709 Last EDR Contact: 02/24/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies	
ABANDONED MINES: Abandoned Mines An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.		

Date of Government Version: 12/20/2022 Date Data Arrived at EDR: 12/20/2022 Date Made Active in Reports: 03/10/2023 Number of Days to Update: 80 Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 03/16/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Quarterly

#### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/02/2023Source: EPADate Data Arrived at EDR: 02/28/2023Telephone: (212) 637-3000Date Made Active in Reports: 03/24/2023Last EDR Contact: 02/28/2023Number of Days to Update: 24Next Scheduled EDR Contact: 06/12/2023Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 02/24/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

#### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021	Source: Department of Defense
Date Data Arrived at EDR: 10/20/2022	Telephone: 703-704-1564
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/09/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: Varies

#### ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/25/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/30/2022	Telephone: 202-564-2280
Date Made Active in Reports: 12/22/2022	Last EDR Contact: 01/04/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Quarterly

#### FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 11/10/2022 Date Data Arrived at EDR: 11/10/2022 Date Made Active in Reports: 02/09/2023 Number of Days to Update: 91 Source: EPA Telephone: 800-385-6164 Last EDR Contact: 02/14/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

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

Date of Government Version: 02/23/2022 Date Data Arrived at EDR: 07/08/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 123 Source: Environmental Protection Agency Telephone: 703-603-8895 Last EDR Contact: 01/10/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### PFAS FEDERAL SITES: Federal Sites PFAS Information

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

Date of Government Version: 02/23/2022 Date Data Arrived at EDR: 03/31/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 222 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### PFAS TSCA: PFAS Manufacture and Imports Information

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

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

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

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST\_HANDLING\_INSTR), Non-hazardous waste description (NON\_HAZ\_WASTE\_DESCRIPTION), DOT printed information (DOT\_PRINTED\_INFORMATION), Waste line handling instructions (WASTE\_LINE\_HANDLING\_INSTR), Waste residue comments (WASTE\_RESIDUE\_COMMENTS).

Date of Government Version: 01/03/2022	5
Date Data Arrived at EDR: 03/31/2022	٦
Date Made Active in Reports: 11/08/2022	L
Number of Days to Update: 222	1

Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services Telephone: 202-741-5770 Last EDR Contact: 01/23/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Varies

#### PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 01/03/2022 Date Data Arrived at EDR: 03/31/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 222 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 01/03/2022 Date Data Arrived at EDR: 03/31/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 222 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

#### PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 08/22/2018 Date Data Arrived at EDR: 03/31/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 222 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 08/22/2018 Date Data Arrived at EDR: 10/26/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 13 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 01/05/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

#### AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

#### PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/29/2011 Number of Days to Update: 55 Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 12/28/2022 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Semi-Annually

#### PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014	Source: EPA
Date Data Arrived at EDR: 01/06/2015	Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015	Last EDR Contact: 12/28/2022
Number of Days to Update: 120	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Semi-Annually

#### PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/24/2023 Number of Days to Update: 17 Source: Environmental Protection Agency Telephone: 202-566-0250 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

PCS ENF: Enforcement data No description is available for this data

> Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 02/05/2015 Date Made Active in Reports: 03/06/2015 Number of Days to Update: 29

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

> Date of Government Version: 08/23/2022 Date Data Arrived at EDR: 11/22/2022 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 98

Source: EPA Telephone: 202-564-2497 Last EDR Contact: 12/28/2022 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Varies

Source: USGS Telephone: 703-648-6533 Last EDR Contact: 02/24/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies

#### EDR HIGH RISK HISTORICAL RECORDS

#### EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

#### EDR RECOVERED GOVERNMENT ARCHIVES

#### Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Environmental Quality Board in Puerto Rico.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/04/2014 Number of Days to Update: 187 Source: Environmental Quality Board Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

#### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NJ MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/16/2019 Number of Days to Update: 36

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 11/30/2021 Date Made Active in Reports: 02/18/2022 Number of Days to Update: 80

Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 12/28/2022 Next Scheduled EDR Contact: 04/17/2023 Data Release Frequency: Annually

Source: Department of Environmental Management Telephone: 401-222-2797 Last EDR Contact: 02/13/2022 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Annually

#### **Oil/Gas Pipelines**

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

**Private Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Telephone: 877-336-2627 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

#### STREET AND ADDRESS INFORMATION

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## **GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM**

#### TARGET PROPERTY ADDRESS

CALLE EMERITO ESTRADA #2 SAN SEBASTIAN SAN SEBASTIAN, PR 00685

#### TARGET PROPERTY COORDINATES

Latitude (North):	18.335423 - 18° 20' 7.52''
Longitude (West):	66.977331 - 66° 58' 38.39"
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	713755.5
UTM Y (Meters):	2028361.4
Elevation:	274 ft. above sea level

#### USGS TOPOGRAPHIC MAP

Target Property:	N/A
Source:	USGS 7.5 min quad index
West Map:	12360438 CENTRAL LA PLATA, PR
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

#### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

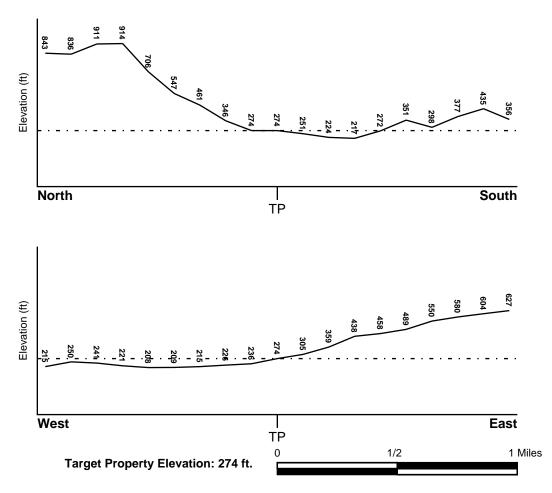
#### **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

#### FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
720000076B	FEMA Q3 Flood data
Additional Panels in search area:	FEMA Source Type
Not Reported	

#### NATIONAL WETLAND INVENTORY

	NWI Electronic
NWI Quad at Target Property	Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

#### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

MAP ID

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

Not Reported

LOCATION

FROM TP

GENERAL DIRECTION GROUNDWATER FLOW

#### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

#### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Era:	- Category: -	-
System:	-	
Series:	-	
Code:	N/A (decoded above as Era, System & Series)	

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	SOLLER
Soil Surface Texture:	clay
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.
Hydric Status: Soil does not meet the	requirements for a hydric soil.
Corrosion Potential - Uncoated Steel:	HIGH
Depth to Bedrock Min:	> 20 inches

Depth to Bedrock Max: > 34 inches

Soil Layer Information								
	Βοι	Indary	Classification					
Layer	Upper Lower		Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)	
1	0 inches	5 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.90	
2	5 inches	12 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.90	
3	12 inches	26 inches	weathered bedrock	Not reported	Not reported	Max: 0.20 Min: 0.06	Max: 0.00 Min: 0.00	
4	26 inches	30 inches	unweathered bedrock	Not reported	Not reported	Max: 0.06 Min: 0.01	Max: 0.00 Min: 0.00	

#### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:	clay loam gravelly - clay loam cobbly - clay loam unweathered bedrock cobbly - clay cobbly - sandy loam
Surficial Soil Types:	clay loam gravelly - clay loam cobbly - clay loam unweathered bedrock cobbly - clay cobbly - sandy loam
Shallow Soil Types:	No Other Soil Types
Deeper Soil Types:	marl clay loam clay silty clay loam

#### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

#### WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile

#### FEDERAL USGS WELL INFORMATION

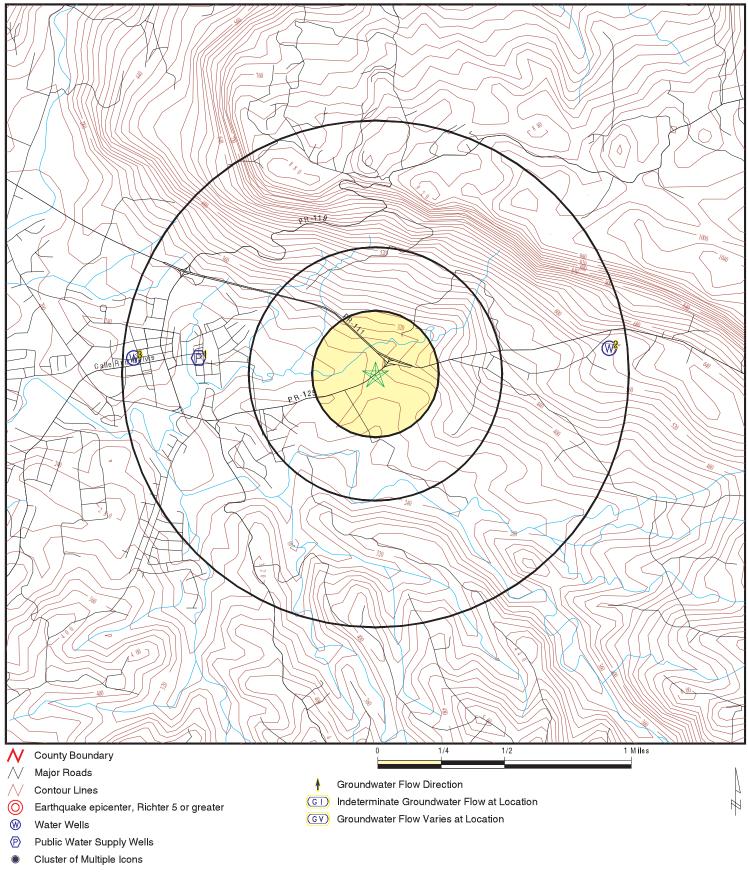
MAP ID WELL ID		LOCATION FROM TP
23	USGS40001045198 USGS40001045196	1/2 - 1 Mile East 1/2 - 1 Mile West

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	PR0367023	1/2 - 1 Mile West

Note: PWS System location is not always the same as well location.

## **PHYSICAL SETTING SOURCE MAP - 7266970.2s**



ADDRESS:	CONTACT: INQUIRY #: DATE:	AVA Environmental Consultants Inc. Augusto Velazquez 7266970.2s Report Prepared on July 2023 March 30, 2023 3:55 pm
	Convri	16t @ 2023 EDB Inc @ 2015 TomTom Bel 2015

Map ID
Direction
Distance
Elevation

Elevation			Database	EDR ID Number
1 West 1/2 - 1 Mile Lower			FRDS PWS	PR0367023
Epa region:	02	State:	PR	
Pwsid:	PR0367023	Pwsname:	EUAG	CIO
Cityserved:	Not Reported	Stateserved:	PR	
Zipserved:	Not Reported	Fipscounty:	7213	1
Status:	Closed	Retpopsrvd:	90	
Pwssvcconn:	0	Psource longname:	Surfa	ce_water
Pwstype:	TNCWS	Owner:	State	_Govt
Contact:	EUACIO	Contactorgname:	Not F	Reported
Contactphone:	809-	Contactaddress1:	Not F	Reported
Contactaddress2:	CARR. #119 KM.44.8 BO. GUACIO			
Contactcity:	SAN SEBASTIAN	Contactstate:	PR	
Contactzip:	00755	Pwsactivitycode:	I	
Pwsid:	PR0367023	Facid:	1T	
Facname:	SPRING	Factype:	Treat	ment_plant
Facactivitycode:	I	Trtobjective:	disinf	ection
Trtprocess:	chlorination (frds-1.5)	Factypecode:	TP	
PWS ID: PWS name:	PR0367023 COMUNIDAD GUACIO-SR. DOMINO	PWS type: GO	Mailir	ng
PWS address:	Not Reported	PWS city:	BUZO	ON 756 SAN SEBASTIAN
PWS state:	PR	PWS zip:	0075	5
PWS ID:	PR0367023	Activity status:	Active	e
Date system activated:	7706	Date system deactivated	I: Not F	Reported
Retail population:	0000090	System name:	EUAG	CIÓ
System address:	Not Reported	System address:	CARI	R. #119 KM.44.8 BO. GUACIO
System city:	SAN SEBASTIAN	System state:	PR	
System zip:	00755			
Population served:	Under 101 Persons	Treatment:	Treat	ed
Latitude:	182018	Longitude:	0665	918

# 2 East 1/2 - 1 Mile Higher

FED USGS USGS40001045198

Not Reported

Not Reported

Not Reported

Not Reported

Not Reported

Not Reported

Organization ID:	USGS-PR	
Organization Name:	USGS Puerto Rico Water Science Ce	nter
Monitor Location:	CLPIN WELL, SAN SEBASTIAN, PR	
Туре:	Well	
Description:	GROUND WATER SITE INVENTORY	( (DNR-FRANCHISE)
HUC:	21010003	Drainage Area:
Drainage Area Units:	Not Reported	Contrib Drainage Area:
Contrib Drainage Area Unts:	Not Reported	Aquifer:
Formation Type:	Not Reported	Aquifer Type:
Construction Date:	Not Reported	Well Depth:
Well Depth Units:	Not Reported	Well Hole Depth:
Well Hole Depth Units:	Not Reported	

Map ID Direction					
Distance Elevation				Database	EDR ID Number
3 West 1/2 - 1 Mile Lower				FED USGS	USGS40001045196
Organization ID: Organization Name: Monitor Location: Type: Description:	USGS-PR USGS Puerto Rico Wa SAN SEBASTIAN WE Well PUBLICATION SITE,!	LL, SAN SEBA	STIAN, PR		
HUC: Drainage Area Units: Contrib Drainage Area Unts: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	21010003 Not Reported Not Reported 1967 Not Reported ft		Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:	Not R Not R Not R	Reported Reported Reported Reported Reported
Ground water levels,Number of l Feet below surface: Note:	Measurements: 29.7 Not Reported	155	Level reading date: Feet to sea level:		-03-19 Reported
Level reading date: Feet to sea level:	1991-02-21 Not Reported		Feet below surface: Note:	29.7 Not R	eported
Level reading date: Feet to sea level:	1991-01-25 Not Reported		Feet below surface: Note:	29.6 Not R	Reported
Level reading date: Feet to sea level:	1990-12-06 Not Reported		Feet below surface: Note:	27.2 Not R	Reported
Level reading date: Feet to sea level:	1990-11-08 Not Reported		Feet below surface: Note:	28.4 Not R	Reported
Level reading date: Feet to sea level:	1990-10-05 Not Reported		Feet below surface: Note:	27.4 Not R	Reported
Level reading date: Feet to sea level:	1990-09-13 Not Reported		Feet below surface: Note:	27.0 Not R	Reported
Level reading date: Feet to sea level:	1990-08-15 Not Reported		Feet below surface: Note:	26.9 Not R	Reported
Level reading date: Feet to sea level:	1990-07-18 Not Reported		Feet below surface: Note:	27.4 Not R	Reported
Level reading date: Feet to sea level:	1990-06-06 Not Reported		Feet below surface: Note:	26.28 Not R	eported
Level reading date: Feet to sea level:	1990-04-11 Not Reported		Feet below surface: Note:	25.14 Not R	Reported
Level reading date: Feet to sea level:	1990-03-15 Not Reported		Feet below surface: Note:	25.16 Not R	eported
Level reading date: Feet to sea level:	1990-02-14 Not Reported		Feet below surface: Note:	25.40 Not R	eported
Level reading date:	1990-01-10		Feet below surface:	25.77	

level:	Not Reported	Note:
g date:	1989-12-07	Feet below surface:
level:	Not Reported	Note:
g date:	1989-11-09	Feet below surface:
level:	Not Reported	Note:
g date:	1989-09-27	Feet below surface:
level:	Not Reported	Note:
g date:	1989-09-13	Feet below surface:
level:	Not Reported	Note:
g date:	1989-08-09	Feet below surface:
level:	Not Reported	Note:
g date:	1989-07-18	Feet below surface:
level:	Not Reported	Note:
g date:	1989-06-06	Feet below surface:
level:	Not Reported	Note:
g date:	1989-05-11	Feet below surface:
level:	Not Reported	Note:
g date:	1989-04-06	Feet below surface:
level:	Not Reported	Note:
g date:	1989-01-11	Feet below surface:
level:	Not Reported	Note:
g date:	1988-12-06	Feet below surface:
level:	Not Reported	Note:
g date:	1988-11-02	Feet below surface:
level:	Not Reported	Note:
g date:	1988-10-06	Feet below surface:
level:	Not Reported	Note:
g date:	1988-09-14	Feet below surface:
level:	Not Reported	Note:
g date:	1988-08-02	Feet below surface:
level:	Not Reported	Note:
g date:	1988-07-12	Feet below surface:
level:	Not Reported	Note:
g date:	1988-06-07	Feet below surface:
level:	Not Reported	Note:
g date:	1988-05-12	Feet below surface:
level:	Not Reported	Note:
g date:	1988-03-28	Feet below surface:
level:	Not Reported	Note:

1988-01-25

Not Reported

26.53 Not Reported 27.25 Not Reported 26.78 Not Reported 27.11

Not Reported 28.37

Not Reported

Not Reported 27.10

Not Reported

27.90 Not Reported

28.27 Not Reported

28.87 Not Reported

29.67 Not Reported

28.68 Not Reported

27.13 Not Reported

27.45 Not Reported

26.98 Not Reported

28.28 Not Reported

27.04 Not Reported

26.92 Not Reported

28.56 Not Reported

30.15 Not Reported

29.03 Not Reported

Feet below surface:

Note:

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Feet to sea level

Level reading date Feet to sea level:

Level reading date Feet to sea level:

Level reading date: Feet to sea level:

Level reading date: Feet to sea level:

Level reading date Feet to sea level:

Level reading date Feet to sea level:

Level reading date: Feet to sea level:

Level reading date:	
Feet to sea level:	

Level reading date: Feet to sea level:

98	7-12-10
lot	Reported

1

1987-10-29 Not Reported

1987-09-18 Not Reported

1987-08-07 Not Reported

1987-06-26 Not Reported

1987-06-26 Not Reported

1987-05-13 Not Reported

1987-04-02 Not Reported

1987-02-24 Not Reported

1987-01-16 Not Reported

1986-11-13 Not Reported

1986-09-26 Not Reported

1986-07-24 Not Reported

1986-06-27 Not Reported

1986-05-14 Not Reported

1986-04-17 Not Reported

1986-02-20 Not Reported

1986-01-17 Not Reported

1985-12-19 Not Reported

1985-12-06 Not Reported

1985-11-14 Not Reported Feet below surface: Note: Feet below surface:

Feet below surface:

Note:

Note: Feet below surface:

Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

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Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note: 27.82 Not Reported

28.30 Not Reported

27.77 Not Reported

28.12 Not Reported

29.35 Not Reported

29.45 Not Reported

28.40 Not Reported

29.67 Not Reported

29.00 Not Reported

29.20 Not Reported

28.10 Not Reported

29.05 Not Reported

28.70 Not Reported

27.75 Not Reported

24.48 Not Reported

28.75 Not Reported

29.65 Not Reported

29.53 Not Reported

28.90 Not Reported

28.28 Not Reported

28.20 Not Reported

Level reading date:
Feet to sea level:

Level reading date: Feet to sea level:

#### 1985-10-09 Not Reported

1985-01-16 Not Reported

1984-12-20 Not Reported

1984-12-10 Not Reported

1984-11-02 Not Reported

1984-10-01 Not Reported

1984-09-05 Not Reported

1984-04-25 Not Reported

1983-09-01 Not Reported

1983-08-03 Not Reported

1983-07-12 Not Reported

1983-06-06 Not Reported

1983-05-04 Not Reported

1983-04-13 Not Reported

1983-03-16 Not Reported

1983-02-08 Not Reported

1983-01-11 Not Reported

1982-12-21 Not Reported

1982-11-05 Not Reported

1982-10-05 Not Reported

1982-09-01 Not Reported Feet below surface: Note:

Feet below surface: Note: 26.88 Not Reported

29.93 Not Reported

29.51 Not Reported

29.22 Not Reported

27.55 Not Reported

26.77 Not Reported

28.04 Not Reported

30.28 Not Reported

27.96 Not Reported

30.55 Not Reported

28.53 Not Reported

26.88 Not Reported

29.38 Not Reported

30.71 Not Reported

30.22 Not Reported

29.75 Not Reported

29.04 Not Reported

28.90 Not Reported

28.74 Not Reported

28.67 Not Reported

28.31 Not Reported

Level reading date:
Feet to sea level:

Level reading date: Feet to sea level:

98	2-08-17
lot	Reported

1

1982-07-19 Not Reported

1982-06-15 Not Reported

1982-05-25 Not Reported

1982-04-13 Not Reported

1980-09-04 Not Reported

1980-08-06 Not Reported

1980-07-16 Not Reported

1980-05-29 Not Reported

1980-05-01 Not Reported

1980-04-03 Not Reported

1980-03-20 Not Reported

1980-02-20 Not Reported

1980-01-15 Not Reported

1979-12-13 Not Reported

1979-11-19 Not Reported

1979-10-11 Not Reported

1979-06-21 Not Reported

1979-02-02 Not Reported

1979-01-16 Not Reported

1978-12-15 Not Reported Feet below surface: Note: Feet below surface:

Note: Feet below surface:

Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note:

Feet below surface: Note: 26.47 Not Reported

27.22 Not Reported

27.24 Not Reported

27.83 Not Reported

30.20 Not Reported

28.26 Not Reported

28.64 Not Reported

28.77 Not Reported

26.45 Not Reported

28.47 Not Reported

29.65 Not Reported

30.46 Not Reported

30.18 Not Reported

29.73 Not Reported

28.98 Not Reported

29.73 Not Reported

27.67 Not Reported

26.82 Not Reported

29.26 Not Reported

30.00 Not Reported

30.08 Not Reported

Level reading date:	1978-11-07	Feet below surface:	29.07
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1978-10-12	Feet below surface:	28.06
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1978-09-08	Feet below surface:	28.44
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1978-08-23	Feet below surface:	28.31
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1978-06-22	Feet below surface:	27.67
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1978-05-02	Feet below surface:	28.49
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1978-04-18	Feet below surface:	30.00
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1978-03-22	Feet below surface:	30.27
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1978-02-03	Feet below surface:	30.37
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1978-01-18	Feet below surface:	30.60
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-12-14	Feet below surface:	29.48
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-10-21	Feet below surface:	29.69
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-09-15	Feet below surface:	28.35
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-08-18	Feet below surface:	29.32
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-07-19	Feet below surface:	28.80
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-06-09	Feet below surface:	29.32
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-05-03	Feet below surface:	30.52
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-04-05	Feet below surface:	31.18
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-03-15	Feet below surface:	30.96
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-02-18	Feet below surface:	30.66
Feet to sea level:	Not Reported	Note:	Not R
Level reading date:	1977-01-12	Feet below surface:	30.40

Level reading date: Feet to sea level:

1977-01-12 Not Reported

Feet below surface: Note:

17 Reported

)6 Reported

4 Reported

31 Reported

57 Reported

19 Reported

00 Reported

27 Reported

37 Reported

60 Reported

18 Reported

9 Reported

5 Reported

2 Reported

0 Reported

2 Reported

52 Reported

8 Reported

6 Reported

66 Reported

30.40 Not Reported

Level reading date:	1976-12-15	Feet below surface:	26.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-11-10	Feet below surface:	26.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-10-23	Feet below surface:	28.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-10-06	Feet below surface:	27.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-05-22	Feet below surface:	28.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-04-10	Feet below surface:	30.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-02-28	Feet below surface:	31.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-11-09	Feet below surface:	28.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date: Feet to sea level:	' 1971-10-20 Not Reported	Feet below surface: Note:	28.25 Not Reported
Level reading date:	1971-09-21	Feet below surface:	28.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-08-17	Feet below surface:	28.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date: Feet to sea level:	1971-07-08	Feet below surface: Note:	28.54
Level reading date:	Not Reported	Feet below surface:	Not Reported
Feet to sea level: Level reading date:	Not Reported 1971-05-20	Note: Feet below surface:	Not Reported 28.07
Feet to sea level:	Not Reported	Note:	Not Reported 28.37
Level reading date:	1970-09-22	Feet below surface:	
Feet to sea level: Level reading date:	Not Reported	Note: Feet below surface:	Not Reported
Feet to sea level:	Not Reported 1970-07-21	Note: Feet below surface:	Not Reported
Level reading date: Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-11-26	Feet below surface:	28.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-08-21	Feet below surface:	28.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-07-10	Feet below surface:	28.94
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date: Feet to sea level: 1969-06-04 Not Reported

> TC7266970.2s Page A-15 Report Prepared on July 2023

Not Reported

28.69

Feet below surface:

Note:

Level reading date: Feet to sea level:

1969-05-23
Not Reported

1969-04-30 Not Reported

1969-03-07 Not Reported

1969-01-15 Not Reported

1968-12-04 Not Reported

1968-10-25 Not Reported

1968-09-24 Not Reported

1968-08-19 Not Reported

1968-07-24 Not Reported

1968-06-19 Not Reported

1968-05-08 Not Reported

1968-04-04 Not Reported

1968-03-21 Not Reported

1968-02-20 Not Reported

1968-01-08 Not Reported

1967-05-22 Not Reported Feet below surface: Note:

Feet below surface: Note: 28.35 Not Reported

29.05 Not Reported

30.55 Not Reported

30.09 Not Reported

28.13 Not Reported

28.13 Not Reported

28.44 Not Reported

28.39 Not Reported

28.22 Not Reported

27.99 Not Reported

30.90 Not Reported

31.18 Not Reported

30.82 Not Reported

30.77 Not Reported

31.11 Not Reported

32.64 Not Reported

#### AREA RADON INFORMATION

Not Reported

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Telephone: 877-336-2627 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS) Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### **OTHER STATE DATABASE INFORMATION**

#### RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones Source: EPA Telephone: 703-356-4020 Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

#### OTHER

Airport Landing Facilities: Private and public use landing facilities Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

#### STREET AND ADDRESS INFORMATION

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GOBIERNO DE PUERTO RICO DEPARTAMENTO DE RECURSOS NATURALES Y AMBIENTALES

16 de marzo de 2023

## Annette M. Fernández Rosario

P.O. Box 361300, San Juan, PR 00936-1300

SOLICITUD DE INFORMACIÓN PARA AUDITORIA AMBIENTAL FASE I, PROPIEDAD: CARR PR #125, AVE EMÉRITO ESTRADA RIVERA, HASTA LA INTERSECCIÓN CARR. P.R. #111, SAN SEBASTIAN, PR

Estimada señora Fernández:

El 14 de marzo de 2023, la División de Permisos Desperdicios Peligrosos (DPDP) del Área de Control de Contaminación de Terrenos recibió una carta de la Sra. Annette M. Fernández Luego en representación de la compañía AVA Environmental Consultants solicitando información para completar una Auditoría Ambiental Fase I en la propiedad en referencia.

Luego de hacer una revisión de nuestros expedientes utilizando los datos provistos, se ha encontrado que la DPDP no tiene información <u>activa</u> relacionada a alguna instalación que transporte, trate, almacene y disponga desperdicios peligrosos o de alguna acción correctiva efectuándose en la propiedad objeto de estudio o en propiedades circundantes bajo nuestra jurisdicción.

Queremos señalar que la información que podemos proveerle es única y exclusivamente concerniente al manejo de los desperdicios peligrosos o acciones correctivas relacionadas al mal manejo de los mismos bajo la *Ley de Conservación y Recuperación de Recursos (RCRA por sus siglas en inglés)*. Esta carta no puede ser tomada como incluyente de toda la posible información existente en otros programas del Departamento de Recursos Naturales y Ambientales (DRNA).

En caso de tener alguna pregunta, puede comunicarse, mediante correo electrónico, con la Geóloga María A. Coronado Baca (mariacoronado@drna.pr.gov) Jefa Interina de División, o al teléfono (787) 999-2200 ext. 6315.

Cordialmente,

María V. Rodríguez Muñoz Gerente Interina Área de Control de Contaminación de Terrenos

/nn

San José Industrial Park, 1375 Ave Ponce de León, San Juan, PR 00926

Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 18.343294, -66.999638 to 18.336086, -66.976578 PR-CRP-000342

## Exhibit 6b: Asbestos and Lead Surveys **ASBESTOS-CONTAINING MATERIALS LIMITED SURVEY**

## **RECONSTRUCTION OF SIDEWALKS PR-125 TO PR-111**

PR 125 Avenue Emérito Estrada Rivera until Int. Carr. PR 111,

San Sebastián, Puerto Rico



Inspection Date: February 1, 2023

Prepared for:

2014419 1, 202

r: BR&A, LLC

Nortol Environmental & Occupational Safety, Inc.

Inspector:

Prepared by:

Roberto Rodríguez Asbestos Inspector ASB-0322-0095-SI



**NORTOL** has performed this survey in a thorough and professional manner consistent with commonly accepted industry standards.

This document is intended only for the use of the individual or entity for which it was prepared and may contain information that is privileged, confidential and exempt from disclosure under applicable law. Any dissemination, distribution or copying of this document is strictly prohibited.

## **Table of Contents**

Attachment 3 – Certification for Non-Presence Asbestos (PGC-009)



## Acronyms

A/C	=	Air Conditioning
ACM	=	Asbestos-containing Material
ACBM	=	Asbestos-containing Building Material
AHERA	=	Asbestos Hazard Emergency Response Act
ASHARA	=	Asbestos School Hazard Abatement and Reauthorization Act
CFR	=	Code of Federal Regulations
CPSC	=	Consumer Product Safety Commission
EPA	=	Environmental Protection Agency
Ft2	=	square feet
HA	=	Homogeneous Area
HUD	=	Department of Housing and Urban Development
LF	=	Linear Feet
mg/cm2	=	milligrams per square centimeter
NESHAP'S	=	National Emission Standards for Hazardous Air Pollutants
NIOSH	=	National Institute for Occupational Safety and Health
OSHA	=	Occupational Safety and Health Administration
PLM	=	Polarized Light Microscopy
PRDOH	=	Puerto Rico Department of Housing
PRDNER	=	Puerto Rico Department of Natural and Environmental Resources
SACM	=	Suspect ACM
SOW	=	Scope of Work
TSI	=	Thermal System Insulation
VFT	=	Vinyl floor tiles



## I. INTRODUCTION

As part of the environmental due diligence, this <u>limited</u> survey is intended to assess the general presence, quantity, and location of suspected asbestos-containing materials (SACM) at Reconstruction of Sidewalks PR 125 to PR 111 property located at PR 125 Avenue Emérito Estrada Rivera until Int. Carr PR 111, San Sebastián, P.R.

The SACM limited survey was conducted on February 1, 2023, by Mr. Roberto Rodríguez (ACM inspector num. ASB-0322-0095-SI) from Nortol. Inspector's credential is included in **Attachment 1.** Nortol's survey areas and report are limited to the details provided in Section II part D.

Nortol did not identified suspect materials at the reference structure, hence no bulk samples were collected nor sent to the laboratory for analysis. In addition, no suspect material was observed during the visual assessment that needed to be assumed as ACM.

There are concrete/metal/asphalt structural components, and floors are painted or are bare concrete. The survey was limited to curbs and sidewalks.

## II. ASBESTOS SURVEY REPORT

#### A. Survey Protocol:

This activity was conducted following the latest protocol for assessing materials suspected of containing asbestos as defined by the U.S. Environmental Protection Agency (EPA). It involved a visual walk-through inspection of the accessible areas of the building to develop an inventory of suspect ACM homogeneous materials. During the sampling activities, suspect ACM was touched and observed by the inspector to determine its friability and physical condition. A friable material is defined as a material that when dry, can be crumbled, or reduced to powder by the hand pressure. Friability of a material causally relates to a potential of the asbestos fibers to be released. The inspector assessed the suspect ACM according to their physical condition and potential damage.

#### B. Sampling Procedure:

The technique used for sampling the suspected accessible materials is designed to minimize possible fiber release and in turn possible contamination of surrounding areas. When apply, representative suspected material samples are collected in accordance with the EPA's AHERA/ASHARA guidelines and procedures presented in the *Guide for Controlling Asbestos Containing Materials in Building (EPA 560-6-85-024, June 1985)* and characterized following the *National Emission Standard for Hazardous Air Pollution (NESHAP)*, subpart M-Asbestos, 40 CFR



Part 61-Standard for Demolition and Renovation. Samples of the homogeneous accessible materials are collected in quantities enough to determine asbestos content, and then placed in airtight bags. The bagged samples are properly collected, labeled, and identified. A Chain of Custody form is completed for collected bulk samples which are analyzed by an independent laboratory using the Polarized Light Microscopy (PLM) method. The laboratory utilizes dispersion staining techniques according to US EPA method 600/M4-82-020 incorporating visual estimates of identified material percentages.

#### C. Regulatory Review:

According to NESHAP's standards (40 CFR 61.141), Asbestos Containing Building Materials are classified into three categories: Category I - Nonfriable asbestos-containing material (ACM), Category II – other Nonfriable ACM, and Regulated asbestos-containing material (RACM). ACM's are classified into three categories according to EPA-AHERA/ASHARA's standards (40 CFR Part 763): Surfacing material, Thermal System Insulation (TSI) and Miscellaneous material.

Once the inspector has identified the ACM in a building, he or she must perform a physical assessment of TSI and friable material. Under § 763.88 of the AHERA Rule, the physical assessment of ACBM involve classifying the material into one of the following seven Categories: Damaged or significantly damaged TSI ACM; Damaged friable surfacing ACM; Significantly damaged friable surfacing ACM; Damaged or significantly damaged friable miscellaneous ACM; ACBM with potential for damage; ACBM with potential for significant damage; and Any remaining friable ACBM or friable suspected ACBM.

The PRDNER- former Environmental Quality Board (Regulation for the Control of Atmospheric Pollution-Rule 422) enacted in 1995, required all commercial and public building, including industries to identify asbestos containing building materials in their structures and take appropriate actions to control the release of asbestos fiber. Asbestos inspection is part of the permitting application process for any future project in the buildings which may include renovation or demolition activities regulated by the PR State/Municipal Offices. To obtain demolition permits in Puerto Rico is necessary to includes a certification (OGP-PGC-009 or equivalent) stating that there is not asbestos containing material in the project.

#### D. Survey Areas – Extent of Survey Coverage:

The survey included a detailed structure inspection providing a general sense of the overall location, type, quantity, and condition of potential ACMs present. The survey was thorough in the interior or exterior accessible functional spaces, and bulk samples (if apply) are taken from the observed suspect materials. The presence of asbestos in suspect materials (if apply) is assumed or presumed in some cases without bulk samples being collected or analyzed (when



applicable). This is necessary for locations where materials are inaccessible or areas that are unsafe to access (e.g., elevated heights, energized equipment, confined spaces, etc.). For those areas that were not safely accessible, suspect materials observed or presumed to be present (if apply) were documented and assumed as ACMs. The survey did not include destructive, intrusive and/or exploratory testing.

Areas Not Included in Survey and Service Constraints: All professional opinions presented in this report are based on information made available either by review of data provided by others or data gathered by Nortol personnel. Nortol affirms that data gathered and presented by Nortol in this report was collected in an appropriate manner in accordance with generally accepted methods and practices. Any energized utilities/services, including electricity, water and heat were assumed to be active. Materials associated with these items were determined to not be safely accessible and were not sampled. Suspect ACMs associated with these items should be assumed ACM until the systems can be de-energized and safely sampled. The survey did not include access or inspection of confined spaces or subsurface/underground areas including piping, conduits, building footings and soils (surficial or otherwise).

#### E. Findings

Nortol did not identify SACM at the reference structure, therefore no bulk samples were collected and/or sent to the laboratory for analysis. In addition, no suspect material was observed during the visual assessment that needed to be assumed as ACM.

Representative Pictures\Photograph Log of the structure are provided in **Attachment 2**. Certification for non-presence of asbestos is provided in **Attachment 3**.



## III. CONCLUSION

ACM limited survey was conducted for the project identified with the header ID. Nortol did not identify SACM at the referenced structure, hence no bulk samples were collected and/or sent to the laboratory for analysis. In addition, no suspect material was observed during the visual assessment that needed to be assumed as ACM.

Any conditions or materials that could not be visually identified or were out-of-the SOW, were not inspected and may differ from those conditions or materials noted. It was not within the scope of the activity to remove surface materials to investigate portions of the structure or materials that may lay beneath the surface. Nortol's selection of sample locations and frequency of sampling was based on Nortol's observations and the assumption that like materials in the same area are homogeneous in content.

The report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos or lead abatement contractors in locating ACM. Under no circumstances is the report to be utilized as a solely bidding document or as a project specification document.



# Attachment 1 Inspector's Credential





# PR DRNA Asbestos Inspector Accreditation

## Attachment 2

**Representative Pictures\Photograph Log** 





Roberto Rodríguez Rodríguez NORTOL Environmental & Occupational Safety, Inc.

# RECONSTRUCTION OF SIDEWALKS PR 125 TO PR 111 -ACM SURVEY PHOTO LOG

Year of construction not available at the moment of the inspection

Wednesday, February 1, 2023

Prepared For BR&A, LLC

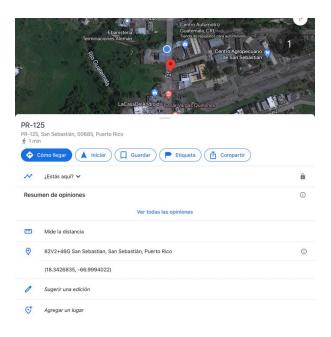
PR #125 Avenue Emérito Estrada Rivera until Int. Carr. PR #111 San Sebastián

7 Sections Identified



FRONT VIEW: Section Completed: Yes (18.3426835, -66.9994022)

## LOCATION: Section Completed: Yes (18.3426835, -66.9994022)







**SCOPE OF WORK:** Section Completed: Yes

A/P inspection of curbs and sidewalks.

## EXTERIOR GENERAL VIEWS:

Section Completed: Yes



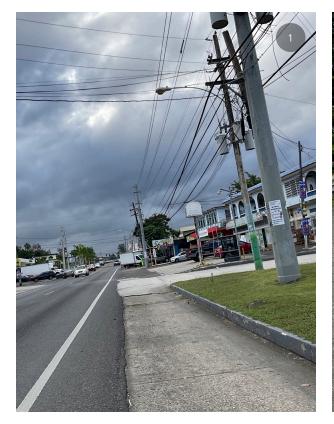




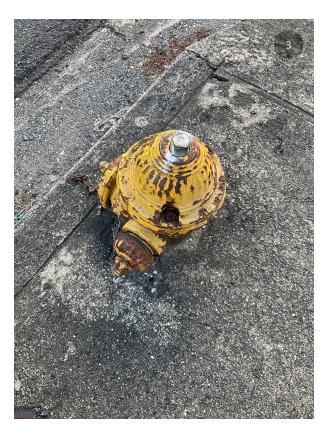


# EXTERIOR GENERAL VIEWS:

Section Completed: Yes



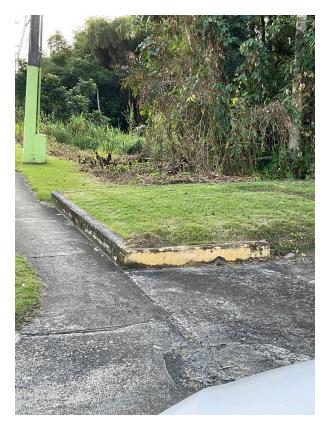






## EXTERIOR GENERAL VIEWS:

Section Completed: Yes









## SACM VISIBLES?

Section Completed: Yes

No SACM visible at the moment of the inspection.

# Attachment 3

Certification for Non-Presence Asbestos (PGC-009)







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, <u>Roberto Rodríguez,</u> mayor de edad, <u>casado,</u> y vecino de <u>Juana Díaz</u> , Puerto Rico, (Nombre) (Estado Civil) (Municipio)
Dirección Postal: <u>PO BOX 366457 San Juan, P.R. 00936-6457</u> (Pueblo) (Zip Code)
Teléfonos: Residencial ( <u>939</u> ) <u>775</u> – <u>7587</u> Oficina ( <u>787</u> ) <u>420</u> - <u>0220</u>
Certifico que:
1. La estructura reconstrucción de aceras y encintados localizada en PR #125 Avenue Emérito Estrada Rivera hasta
Int. Carr. PR #111, San Sebastián, PR, la cual será objeto de una demolición se encuentra libre de asbesto.
2. La información antes indicada es cierta y correcta.
3. Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.
4. Para que así conste, firmo la presente certificación en San Sebastian de Puerto Rico,
hoy día <u>1 de febrero de 2023</u> . (Municipio)
Firma y Sello del Profesional o Firma del Inspector de Asbesto registrado por la JCA (Original)
Nota: Ingenieros o Arquitectos deberán someter evidencia de que se encuentra al día en el pago de sus cuotas de colegiación e Inspectores de Asbesto deberán someter evidencia de la tarjeta de registro provista por la JCA.

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





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# LEAD-BASED PAINT LIMITED SURVEY

## **RECONSTRUCTION OF SIDEWALKS PR-125 TO PR-111**

PR 125 Avenue Emérito Estrada Rivera until Int. Carr. PR 111,

San Sebastián, Puerto Rico



Inspection Date:

February 1, 2023

Prepared for:

BR&A, LLC

Prepared by:

Nortol Environmental & Occupational Safety, Inc.

Inspector:

Eduardo Colón Lead Inspector LBP I.D. # LBPI-23622-248



**NORTOL** has performed this survey in a thorough and professional manner consistent with commonly accepted industry standards.

This document is intended only for the use of the individual or entity for which it was prepared and may contain information that is privileged, confidential and exempt from disclosure under applicable law. Any dissemination, distribution or copying of this document is strictly prohibited.

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Attachment 2 – Inspector's Credentials
Attachment 3 – Positive LBP XRF Tabulated Readings
Attachment 4 – LBP XRF Tabulated Readings
Attachment 5 – LBP Diagram
Attachment 6 – Representative Pictures\Photograph Log
Attachment 7 – XRF Performance Characteristic Sheet



## Acronyms

A/C	=	Air Conditioning
CFR	=	Code of Federal Regulations
CPSC	=	Consumer Product Safety Commission
EPA	=	Environmental Protection Agency
Ft2	=	square feet
НА	=	Homogeneous Area
HUD	=	Department of Housing and Urban Development
LBP	=	Lead-based Paint
LF	=	Linear Feet
mg/cm2	=	milligrams per square centimeter
NESHAP'S	=	National Emission Standards for Hazardous Air Pollutants
NIOSH	=	National Institute for Occupational Safety and Health
OSHA	=	Occupational Safety and Health Administration
PRDOH	=	Puerto Rico Department of Housing
PRDNER	=	Puerto Rico Department of Natural and Environmental Resources
SOW	=	Scope of Work
XRF	=	X-Ray Fluorescent



## I. INTRODUCTION

As part of the environmental due diligence, this <u>limited</u> survey is intended to assess the general presence, quantity, and location of LBP and lead-glazed ceramic components above allowable levels at Reconstruction of Sidewalks PR 125 to PR 111 property located at PR 125 Avenue Emérito Estrada Rivera until Int. Carr PR 111, San Sebastián, P.R.

The LBP limited survey, conforming to Housing Urban Development (HUD) Guidelines for the Evaluation and Control of Lead Based Paint in Housing, was conducted on February 1, 2023, by Mr. Eduardo Colón (Lead inspector number: LBPI-23622-248) from Nortol. Copy of Nortol's registration with the PRDNER as registered corporation is included in **Attachment 1**. Inspector's credential(s) is included in **Attachment 2**. Nortol's survey areas and report are limited to the details provided in Section II part D.

Based on the results of the survey, 67 XRF readings were performed using an XRF analyzer on the identified and accessible surfaces in the interior and/or exterior of the subject structure. LBP was identified above the regulatory level of 1.0 mg/cm<sup>2</sup> at some areas of the project.

There are concrete/metal/asphalt structural components, and floors are painted or are bare concrete. The survey was limited to curbs and sidewalks.

## II. LEAD BASED PAINT SURVEY REPORT

#### A. Lead Based Paint Findings:

LBP was found at some of the project accessed components (approx.. 580 LF of concrete curbs). Data from XRF analyzer testing is included in **Attachment 3 and 4** with positive readings marked in red or bold. **Attachment 5** includes the approximated location of identified LBP or lead-glazes at the subject structure. Representative Pictures\Photograph Log of identified LBP surfaces and/or lead-glazed ceramic components within the structure are provided in **Attachment 6**.

#### B. Survey Protocol and Sampling Procedure:

The survey was conducted following the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (1997 Revision, Chapter 7). The technique used for assessing the painted components was the XRF instrument. The following guidelines were used to perform LBP testing:

- 1. Achieve inventory of painted surfaces
- 2. Select areas to be tested.
  - Perform XRF testing.



- 4. Review and evaluate the data.
- 5. Report findings

The XRF instrument was set at Standard Paint Mode showing reading "Positive" or "Negative" with a 95% confident reading. The result is reported in mg/cm<sup>2</sup>. Attachment 7 includes the XRF Performance Characteristic Sheet (PCS) of the analyzer.

The letters A, B, C, and D used in the survey refers to:

- $A \Rightarrow$  Main entrance side orientation (to street)
- $B \Rightarrow$  Left side orientation
- $C \Rightarrow$  Rear side orientation
- $D \Rightarrow$  Right side orientation

#### C. Lead Based Paint Background and Regulatory Review:

Overexposure to lead is one of the most common situations found in industry. It is also a major potential public health risk. Lead poisoning is the leading environmentally induced illness in children. At greatest risk are children under the age of six because they are undergoing rapid neurological and physical development. In general population, lead may be present at hazardous concentrations in food, water, and air. Sources include LBP, urban soil, and dust, and drinking water.

Lead is commonly added to industrial paints because of its characteristic to resist corrosion. Industries with particularly high potential exposures include construction work involving welding, cutting, brazing, blasting, etc., on lead paint surfaces; most smelter operations either as a trace contaminant or as a major product; secondary lead smelters where lead is recovered from batteries; radiator repair shops; and firing ranges. Oral ingestion may represent a major route of exposure in contaminated workplaces. Once in the blood, lead is distributed primarily among three routes - blood, soft tissue (kidney, bone marrow, liver, and brain) and mineralizing tissue (bones and teeth).

Hazard of lead in paint has been defined by the Department of Housing and Urban Development as 1.0 mg/cm<sup>2</sup> as measured by an XRF instrument, or Atomic Absorption Spectroscopy (AAS); or 0.5% by weight (or 5,000 ppm) as measured by AAS, or Inductive Coupled Plasma (ICP). The same level was adopted by EPA regulations published in 1992, under Title X.

Although OSHA regulations for occupational lead exposure have been in effect since 1971 for the construction and general industries, the agency recognized the need to provide better protection



and revised the regulations for general industry in 1978. The 1978 lead standard, however, excluded the construction industry from coverage because of insufficient information regarding lead use in construction.

In 1990, NIOSH set a national goal to eliminate worker exposures resulting in blood lead concentrations greater than 25 micrograms per deciliter ( $25 \mu g/dl$ ) of whole blood. Consequently, OSHA began developing a proposal for a comprehensive standard regulating occupational exposure to lead in construction. In October 1992, the Congress passed Section 1031 of Title X of the Housing and Community Development Act of 1992 (P. L. 102-550) requiring OSHA to issue an interim final lead standard for the construction industry, effective until OSHA issues a final standard. The interim final rule, published on May 4, 1993, amends the OSHA standards for occupational health and environmental controls in Subpart D of Title 29 CFR 1926 by adding a new section 1926.62, containing employee protection requirements for construction workers exposed to lead.

On July 1998, the PRDNER - former PR Environmental Quality Board regulations regarding to LBP was created to issue activity permits, accredit institutions, and certificate persons involved in LBP activities in Puerto Rico. Local regulations require all lead to be managed as a special waste. On August 2019 this regulation was replaced by the new *Reglamento para el Manejo Adecuado de Actividades de Pintura con Base de Plomo*. To obtain a demolition permit in Puerto Rico is necessary to includes a certification (OGP-PGC-010 or equivalent) stating that there is no LBP in the project.

#### D. Survey Areas – Extent of Survey Coverage:

The survey included a detailed structure inspection providing a general sense of the overall location, type, quantity, and condition of LBP and lead-glazed ceramic components. The LBP survey was performed to ready accessible components and surfaces. If any suspect coated surface or ceramic components that could contain lead are encountered underneath current installed tiles or other construction material during demolition and/or renovation activities which differ from materials tested during the LBP survey, these should be assumed to be Lead containing until testing/analysis confirmed otherwise. The survey was unobtrusive as samples were not taken where doing so would have resulted in objectionable damage to surfaces. Therefore, the survey did not include destructive, intrusive and/or exploratory testing.

Areas Not Included in Survey and Service Constraints: All professional opinions presented in this report are based on information made available either by review of data provided by others or data gathered by Nortol's personnel. Nortol affirms that data gathered and presented by Nortol in this report was collected in an appropriate manner in accordance with generally accepted Page 6 of 7

methods and practices. Any energized utilities/services, including electricity, water and heat were assumed to be active. Materials associated with these items were determined to not be safely accessible and were not sampled. The survey did not include access or inspection of confined spaces or subsurface/underground areas including piping, conduits, building footings and soils (surficial or otherwise).

#### III. CONCLUSION

LBP <u>limited</u> survey was conducted for the project identified with the header ID. LBP or lead-glaze was identified above the regulatory level of 1.0 mg/cm<sup>2</sup> at selective areas of the subject structure.

Data from XRF analyzer testing is included in **Attachments 3 and 4** with positive readings marked in red or bold. **Attachment 5** includes the approximated location of identified LBP or lead-glazes at the subject structure. Representative Pictures\Photograph Log of identified LBP surfaces and/or lead-glazed ceramic components within the structure are provided in **Attachment 6**.

Any conditions or materials that could not be visually identified or were out-of-the SOW, was not inspected and may differ from those conditions or materials noted. It was not within the scope of the activity to remove surface materials to investigate portions of the structure or materials that may lay beneath the surface. Nortol's selection of sample locations and frequency of sampling was based on Nortol's observations and the assumption that like materials in the same area are homogeneous in content.

The report is designed to aid the building owner, architect, construction manager, general contractors, and potential lead abatement contractors in locating LBP or lead-glaze. Under no circumstances is the report to be utilized as a solely bidding document or as a project specification document.



Attachment 1 Company Credentials







# Attachment 2 Inspector's Credentials



# EDUARDO COLON Puerto Rico Lead-based Paint Inspector







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# Attachment 3 Positive LBP XRF Tabulated Readings



						RECC	RECONSTRUCTION	TION OF SI	OF SIDEWALKS PR 125 TO PR 111 - XRF POSITIVE SHEET	TO PR 111 - XR	F POSITIVE SHEET						
	Heuresis Corp.																
	XRF Lead Paint Analyzer	alyzer														All	
Serial Num. App Version	3007 Pb200i-5.1.1															Thortol	
Job Id	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Job	Room	Structure	Component	Substrate	IIPM	Color	Condition	Approx. Oty.
PR 125 to PR 111	32	3.2	mg/cm2	Positive	1	2/1/2023	9:17:53	E. COLON	100-116	Exterior	Exterior	Curb	Concrete	<ul> <li></li> <li></li> </ul>	Yellow	Deteriorated	
PR 125 to PR 111	33	3.4	mg/cm2	Positive		2/1/2023	9:18:15	E. COLON	100-116	Exterior	Exterior	Curb	Concrete		Yellow	Deteriorated	580 LF
PR 125 to PR 111	35	2.6	mg/cm2	Positive	R	2/1/2023	9:18:55	E. COLON	100-116	Exterior	Exterior	Curb	Concrete	1 - 2	Yellow	Deteriorated	
PR 125 to PR 111	37	2.2	mg/cm2	Positive	*	2/1/2023	9:20:24	E. COLON	100-116	Exterior	Exterior	Curb	Concrete	1	Vellow	Deteriorated	Posted Above
PR 125 to PR 111	43	3.4	mg/cm2	Positive	1	2/1/2023	9:24:03	E. COLON	100-116	Exterior	Exterior	Curb	Concrete	1 -	Yellow	Deteriorated	Posted Above
PR 125 to PR 111	44	2	mg/cm2	Positive		2/1/2023	9:24:46	E. COLON	110-116	Exterior	Exterior	Curb	Concrete	1 -	Yellow	Deteriorated	Posted Above
	C C				22								0			W	

# Attachment 4 LBP XRF Tabulated Readings



						-	RECONSTRU	JCTION OF SI	CTION OF SIDEWALKS PR 125 TO PR 111 - XRF SHEET	25 TO PR 111	- XRF SHEET						
	Heuresis Corp. PB001 XRF Lead Paint Analyzer	nalyzer													đ		
Serial Num. App Version	3007 Pb200i-5.1.1														Thortol.	ol.	
bi dol	Reading #	Concentration	Units	Result	Level	Date	Time	nspector	Job	Room	Structure	Component	Substrate	Wall Color	Condition	Approx. Oty.	Г
	1	0.8	mg/cm2 Ne	Negative	. 2	2/1/2023	8:46:49 E.	COLON			Calibration			•	•		
•	2	0.8	mg/cm2 Ne	Negative		21 23	8:47:00 E.	COLON		•	Calibration		*	•			0
•	£	0.9	mg/cm2 Ne	Negative		2/1/2023	8:47:11 E.	. COLON			Calibration			к ж	ł.	•	
PR 125 to PR 111	4	0.4	mg/cm2 Ne	Negative	- 2	2/1/2023	8:49:07 E.	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Unpainted	ted Deteriorated	1	_
PR 125 to PR 111	5	0.4	mg/cm2 Ne	Negative	- 2	2/1/2023	8:51:59 E.	. COLON	100-116	Exterior	Exterior	Sidewalk	Concrete	- Unpainted	ted Deteriorated		
PR 125 to PR 111	9	0.4	mg/cm2 Ne	Negative	- 7	2/1/2023	8:53:00 E.	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Unpainted	beteriorated		
PR 125 to PR 111	2	0.1	mg/cm2 Ne	Negative	- 2	2/1/2023	8:56:43 E.	COLON	100-116	Exterior	Exterior	Sidewalk	Concrete	- Unpainted	ted Deteriorated	1	_
PR 125 to PR 111	80	0.3	mg/cm2 Ne	Negative	- 2	2/1/2023	8:57:57 E.	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow	v Deteriorated		
PR 125 to PR 111	6	0.3	mg/cm2 Ne	Negative	- 2	2/1/2023	8:58:19 E.	. COLON	100-116	Exterior	Exterior	Floor Mark	Asphalt	- White	e Deteriorated	_	<u> </u>
PR 125 to PR 111	10	0.4	mg/cm2 Ne	Negative	- 2	2/1/2023	8:58:53 E.	. COLON	100-116	Exterior	Exterior	Floor Mark	Asphalt	- White	e Deteriorated		
PR 125 to PR 111	11	0.2	mg/cm2 Ne	Negative	- 5	2/1/2023	8:59:42 E.	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow	v Deteriorated	1	(2). 2
PR 125 to PR 111	12	0.7	mg/cm2 Ne	Negative	- 2	2/1/2023	9:00:21 E.	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow	v Deteriorated		c
PR 125 to PR 111	13	0.1	mg/cm2 Ne	Negative	- 2	2/1/2023	9:01:08 E.	COLON	100-116	Exterior	Exterior	Sidewalk	Concrete	- Unpainted	ted Deteriorated	-	
PR 125 to PR 111	14	0.3	mg/cm2 Ne	Negative	-	2/1/2023	9:01:47 E.	COLON	100-116	Exterior	Exterior	Sidewalk	Concrete	- Unpainted	ted Deteriorated	1	_
PR 125 to PR 111	15	0.2	mg/cm2 Ne	Negative	-	2/1/2023	9:02:02 E.	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Unpainted	ted Deteriorated		
PR 125 to PR 111	16	0.1	mg/cm2 Ne	Negative	1	2/1/2023	9:03:54 E.	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Gray	Deteriorated		-
PR 125 to PR 111	17	0.5		Negative	.4	-	ш	. COLON	100-116	Exterior	Exterior	Curb	Concrete	- Gray			-1
PR 125 to PR 111	18	0.2	-	Negative		+	ωı	COLON	100-116	Exterior	Exterior	Handicap Ramp	Concrete	- Blue	-	-	Т
PK 125 TO PK 111	PI VC	0.1	mg/cm2 Ne	Negative		2/1/2023	9:06:51 E.	COLON	100-116	Exterior	Exterior	Handicap Kamp	Concrete	- Blue	Deteriorated		Т
PR 125 to PR 111	21	0		Negative		-	ш	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Unpainted	-		
PR 125 to PR 111	22	0.3	- C	Negative	1		ш	. COLON	100-116	Exterior	Exterior	Floor Mark	Asphalt	- White			
PR 125 to PR 111	23	0.3	-	Negative	.4		ш	COLON	100-116	Exterior	Exterior	Floor Mark	Asphalt	- White			-
PR 125 to PR 111	24	0.1		Negative	1	9 2	ш ц	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Unpainted	1		-1-
PR 125 to PR 111	28	0.5	mg/cm2 Ne	Negative		EC0C/1/2	9-12-00 F	COLON	100-116	Exterior	Exterior	Hudrant	Metal	- Yellow	v Deteriorated		т
PR 125 to PR 111	27	0.3	-	Negative		+	ш	COLON	100-116	Exterior	Exterior	Guardrall	Metal	- Unpainted	1 and		Т
PR 125 to PR 111	28	0.3		Negative			9:12:58 E.	. COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow			1
PR 125 to PR 111	52	0.2	-	Negative	1			. COLON	100-116	Exterior	Exterior	Security Barrier	Concrete	- Yellow	-		-
PR 125 to PR 111 PR 125 to PR 111	30	0.2	mg/cm2 Ne	Negative		2/1/2023	9:15:29 E.	COLON	100-116	Exterior	Exterior	Security Barrier Sidewalk	Concrete	- Yellow	v Deteriorated		
PR 125 to PR 111	32	3.2	1	Positive	1	-	ш	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow	-		T
PR 125 to PR 111	33	3.4	5 1	Positive	54 54	~	ш	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow		1 580 LF	
PR 125 to PR 111	34	0.2	-	Negative	2 I	2/1/2023	9:18:36 E.	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow		Т	
PR 125 to PR 111	36	0.2	mg/cm2 Ne	Negative		2/1/2023	9:19:26 E.	COLON	100-116	Exterior	Exterior	Floor	Concrete	- Green	Deteriorated		-
PR 125 to PR 111	37	2.2	1	ositive			ш	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow		Posted Above	1
PR 125 to PR 111	38	0.4		Negative	.4		ш	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow			
PR 125 to PR 111	39	0.2	-	Negative				COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow	+		1
PR 125 to PR 111 PR 125 to PR 111	40	0.6	mg/cm2 Ne	Negative		2/1/2023	9:22:47 E.	COLON	100-116	Exterior	Exterior	Curb Floor Mark	Concrete	- Yellow	v Deteriorated		-
PR 125 to PR 111	42	0.2		Negative			L	. COLON	100-116	Exterior	Exterior	Curb	Concrete	- Unpainted			-
PR 125 to PR 111	43	3.4		ositive	9 1	_	ш.	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow		Posted Above	
PR 125 to PR 111	44	2	- 3	Positive	1	12	ü		100-116	Exterior	Exterior	Curb	Concrete	- Yellow			(FT
PR 125 to PR 111	45	0.3	_	Negative		2/1/2023	ui u	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Yellow	v Deteriorated		-
PR 125 to PR 111	47	0.4	me/cm2 Ne	Negative			9:25:42 E	COLON	100-116	Exterior	Exterior	Guardrail	Metal	- White	t		Т
PR 125 to PR 111	48	0.3		Negative			i ui	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Red			1
PR 125 to PR 111	49	0.2	mg/cm2 Ne	egative			ш	COLON	100-116	Exterior	Exterior	Curb	Concrete	- Unpainted	ted Deteriorated		
PR 125 to PR 111 DR 125 to PR 111	5	0.2	mg/cm2 Ne	Negative		2/1/2023	9:29:00 E.	COLON	100-116	Exterior	Exterior	Floor Mark Curb	Asphalt	- White	Deteriorated		
	**	2	and a second second				1			LALINA CAL	Line in a work	2157		and the latest	A A A A A A A A A A A A A A A A A A A		٦

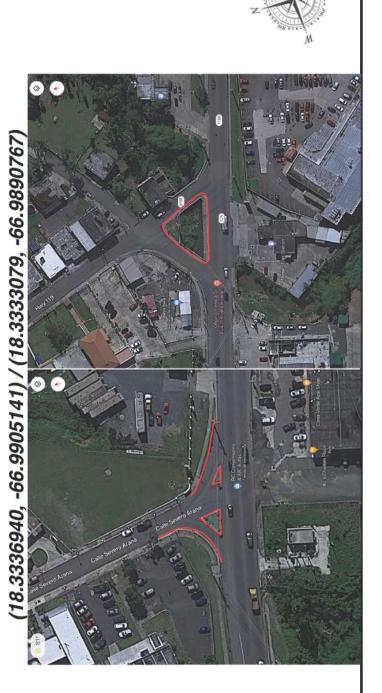
RECONSTRUCTION OF SIDEWALKS PR 125 TO PR 111 - XRF SHEET						on Units Result Level Date   Time   inspector   Job   Room   Structure   Component   Substrate   Wall Color   Condition   Approx.Off.	mg/cm2 Negative - 2/1/2023 9:31:33 E. COLON 100-116 Exterior Exterior Curb Concrete - Unpainted Deteriorated	mg/cm2 Negative - 2/1/2023 9:31:43 E. COLON 100-116 Exterior Exterior Sidewalk Concrete - Unpainted Deteriorated	mg/cm2 Negative - 2/1/2023 9:32:58 E. COLON 100-116 Exterior Exterior Sidewalk Concrete - Unpainted Deteriorated	mg/cm2 Negative - 2/1/2023 9:33:09 E. COLON 100-116 Exterior Exterior Curb Concrete - Unpainted Deteriorated	mg/cm2 Negative - 2/1/2023 9:34:13 E. COLON 100-116 Exterior Exterior Floor Mark Asphalt - White Deteriorated	mg/cm2 Negative - 2/1/2023 9:35:20 E. COLON 100-116 Exterior Exterior Curb Concrete - Yellow Deteriorated	mg/cm2 Negative - 2/1/2023 9:35:43 E. COLON 100-116 Exterior Exterior Handicap Ramp Concrete - Blue Deteriorated	mg/cm2 Negative - 2/1/2023 9:39:35 E. COLON 100-116 Exterior Exterior Curb Concrete - Yellow Deteriorated	mg/cm2 Negative - 2/1/2023 9:40:04 E. COLON 100-116 Exterior Exterior Curb Concrete - Yellow Deteriorated	mg/cm2 Negative - 2/1/2023 9:40:20 E. COLON 100-116 Exterior Exterior Curb Concrete - Blue Deteriorated	mg/cm2 Negative - 2/1/2023 9:40:59 E. COLON 100-116 Exterior Exterior Foot Mark Asphart - Blue Deteriorated	mg/cm2 Negative - 2/1/2023 9:43:44 E. COLON 100-116 Exterior Exterior Foor Mark Asphalt - White Deteriorated	mg/cm2 Negative - 2/1/2023 9:44:05 E. COLON 100-116 Exterior Exterior Curb Concrete - Yellow Deteriorated	mg/cm2 Positive - 2/1/2023 9:44:50 E. COLON - Calibration	mg/cm2 Positive - 2/1/2023 9:45:01 E. COLON - Calibration - 2/1/2023 9:45:01 E. COLON	mg/cm2 Positive - 2/1/2023 9:45:11 E.COLON - Calibration
RE						Date	2/1/2023	2/1/2023		0.00		2/1/2023		1.000	2						2/1/2023	2/1/2023
						Result	Negative	Negative	Negative			Negative		Negative			Negative	Negative			Positive	Positive
			nalyzer			Concentration	0.3 m	0.3 m	0.1 m	0.1 m	0.2 m	0.1 m	0.1 m	0.2 m	0.3 m	0.2 m	0.1 m	0.1 m	0.3 m	1 m	1.1 m	1.1 m
	Heuresis Corp.	PBOOI	XRF Lead Paint Ai	3007	Pb200i-5.1.1	Reading #	52	53	54	55	56	57	58	59	60	61	62	63	64	65	99	29
	Company Heuresis Corp.	Model PB001		Serial Num. [3007	App Version Pb200i-5.1.1		PR 125 to PR 111 52	PR 125 to PR 111 53	PR 125 to PR 111 54	PR 125 to PR 111 55	PR 125 to PR 111 56	PR 125 to PR 111 57	PR 125 to PR 111 58	PR 125 to PR 111 59	PR 125 to PR 111 60	PR 125 to PR 111 61	PR 125 to PR 111 62	PR 125 to PR 111 63	PR 125 to PR 111 64	• 65	99	

# Attachment 5 LBP Diagram

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# PR #125 Avenue Emérito Estrada Rivera until Int. Carr. PR #111 San Sebastián



Reconstruction of sidewalks PR 125 to PR 111

# LBP DIAGRAM

LBP POSITIVE, YELLOW CONCRETE CURB

# Attachment 6

# Representative Pictures\Photograph Log





Eduardo Colon NORTOL Environmental & Occupational Safety, Inc.

# RECONSTRUCTION OF SIDEWALKS PR 125 TO PR 111 -LBP SURVEY PHOTO LOG

Year of construction not available at the moment of the inspection

Wednesday, February 1, 2023

Prepared For BR&A, LLC

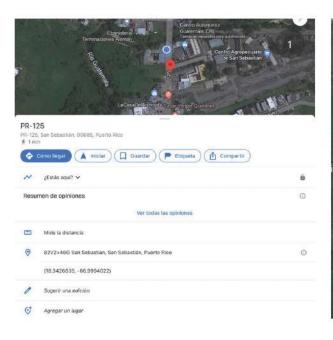
PR #125 Avenue Emérito Estrada Rivera until Int. Carr. PR #111 San Sebastián

**7** Sections Identified



FRONT VIEW: Section Completed: Yes (18.3426835, -66.9994022)

#### LOCATION: Section Completed: Yes (18.3426835, -66.9994022)







SCOPE OF WORK: Section Completed: Yes

A/P inspection of curbs and sidewalks.

# EXTERIOR GENERAL VIEWS:

Section Completed: Yes



# EXTERIOR GENERAL VIEWS:

Section Completed: Yes



# EXTERIOR GENERAL VIEWS:

Section Completed: Yes









LBP DETECTED? (18.3336940, -66.9905141) / (18.3333079, -66.9890767) Section Completed: Yes

Exterior , Readings #32 to #35, #37, #43 & #44, yellow concrete curb, between 2.0 - 3.4 mg/cm2. (QTY. 580 L.F APPROX.)





### Attachment 7 XRF Performance Characteristic Sheet



#### **Performance Characteristic Sheet**

#### EFFECTIVE DATE: December 1, 2015

#### MANUFACTURER AND MODEL:

Make:	Heuresis	
Models:	Model Pb200i	
Source:	<sup>57</sup> Co, 5 mCi (nominal – new source)	

#### FIELD OPERATION GUIDANCE

#### **OPERATING PARAMETERS:**

Action Level mode

#### XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm<sup>2</sup> (inclusive)

#### SUBSTRATE CORRECTION:

Not applicable

#### INCONCLUSIVE RANGE OR THRESHOLD:

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

#### **BACKGROUND INFORMATION**

#### EVALUATION DATA SOURCE AND DATE:

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

#### OPERATING PARAMETERS

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

#### XRF CALIBRATION CHECK:

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

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

#### SUBSTRATE CORRECTION VALUE COMPUTATION:

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

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

Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm<sup>2</sup>. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.

Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.

<u>For each substrate type</u> (the 1.02 mg/cm<sup>2</sup> NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):

Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th Reading)/6 - 1.02 mg/cm<sup>2</sup>

Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

#### EVALUATING THE QUALITY OF XRF TESTING:

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

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

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

the Retest Tolerance Limit by the following steps:

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

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

Square the average for each testing combination.

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

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

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

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

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

Compute the average of all ten original XRF readings.

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

Find the absolute difference of the two averages.

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

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

#### TESTING TIMES:

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

Reading (mg/cm <sup>2</sup> )	Mean Reading Time (seconds)	Standard Deviation (seconds)
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 - 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
<u>&gt;</u> 1.5	3.32	0.05

#### CLASSIFICATION OF RESULTS:

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

#### DOCUMENTATION:

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

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



www.nortolpr.com | info@nortolpr.com | 787.420.0220 PO Box 366457, San Juan, PR 00936-6457



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

GOVERNMENT OF PUERTO RICO EPARTMENT OF HOUSING

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578

#### Memorandum to File

Date: October 17, 2024

PRDOH

From: Annette M Fernandez Rosario, PE, PA, IPV, LEED AP, Green Verifier Environmental Consultant CDBG-DR Program CRP Program Puerto Rico Department of Housing

Application Number: PR-CRP-000342

**Project:** Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk

#### Justification for the Infeasibility and Impracticability of Radon Testing Re:

reviewing Number After Application PR-CRP-000342 under the CRP Program, administered by the Puerto Rico Department of Housing (PRDOH), to complete the property's contamination analysis in accordance with 24 C.F.R. § 50.3(i) and 24 C.F.R. § 58.5(i), we have determined that testing the property's radon levels is infeasible and impracticable.

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

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

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

- There are only two (2) licensed professionals in Puerto Rico who can conduct radon testing using the American National Standards Institute/American Association of Radon Scientists and Technologists (**ANSI/AARST**) testing standards, which makes it difficult, time-consuming, and highly expensive to coordinate and secure a site visit for the contamination evaluation.
- Do-it-yourself (**DIY**) radon test kits are known to be unreliable in assuring and controlling the quality of the test results; they are not readily available in Puerto Rico, and the cost and time required for purchasing and sending them for analysis are unreasonable when weighed against the results' reliability and the need for prompt results.
- Local authorities in Puerto Rico do not have the specialized radon monitoring equipment or trained staff needed to conduct the radon testing analysis and ensure proper quality control and quality assurance practices are adhered to. We also do not have a radiation laboratory certified for radon testing.
- The project does not include construction of a structure intended to be occupied for more than 4 hours a day, thus the requirement does not apply

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. GOVERNMENT OF PURCH RICH

August 20, 2024

Mrs. Carmen R. Guerrero Pérez Director

Caribbean Environmental Protection Division City View Piaza II – Suite 7000 #48 Rd, 165 km 1.2 Guaynabo, PR 00968-8069

Vía email: guerrero.carmen@epa.gov

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

The Puerlo Ricc Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to radan testing in Puerlo Ricc, 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.

Community Planning and Development (CPD) Notice CDP-32-103. This Notice emphasizes the importance of radion fasting and miligation in anxuing safe living environments, particularly in HUD-askled properties. PRDOH, as the grantee of the Community Development Black Grant for Disaster Recovery and Miligation (CDBC-DR/MT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs, To fulfill our obligations under this Notifice, we must complie comprehensive and up-to-date Information on radion levels, testing practices, and any miligation etforts within the Islands of Puerto Rico.

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

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



August 20, 2024

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

Via email: <u>slvina.cancelos@upr.edu</u> 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.

Community Planning and Bevelopment (CPD) Notice CDP-23-103. This Notice emphasizes the importance of radion testing and mitigation in ensuring safe living environments, particularly in HUD-assited properties. PRDOH, as the grantee of the Community Development Black Grant for bisaster Recovery and Mitigation (CDBC-DR/MT), is responsible for ensuring compliance with environmental requirements under CDBG-DR/MIT programs, To fulfill our obligations under this Notice, we must complie comprehensive and up-to-date information on radion levels, testing practices, and any mitigation efforts within the islands of Puerto Rico.

 $\$  pecifically, we are seeking for possible availability of the following information:

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

Barbosa Ave. #606 , Building Juan C. Cordero Davia, Rio Piedrat, PR 00918 | PO Box 21505 San Juan, PR 00928-1565 Tel (787) 274-2527 | www.seandiss.co. <u>Reports and assessments</u> – Any reports, studies, or assessments your agency has produced or commissioned that address radon testing or miligation.

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

<u>Historical data</u> – IF available, historical data or frends in radon levels within the regions you manitor that may impact HUD-assisted housing.

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

Please lat sknow 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.

Willam O. Roctriguez, Esq.

Sincerel

CC.

Mr. Oleg Povetko, <u>Povetko, Olegilispa.gov</u> Mr. Matthew Laurita, <u>Jaurila, matthewiliepa.gov</u>

> CDBG-DR/MIT Program Request for Intornation in relation with HUD CPD-23-103 for Puerto Rico Page 2.4.2

<u>Reports and assessments</u> – Any reports, studies, or assessments your agency has produced or commissioned that address radion testing or mitigation.

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

 $\underline{\rm Historical\,data}$  – 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 radan management strategies are practical and compliant with federal requirements. If some of this information may be sensitive an 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.

Manuez Rodriguez, Esq. William O. Secretary

Cc: Dr. Carlos Marín, <u>carlos marin3@upr.edu</u>

CDBG-DR/MIT P Request for Information in telepion with HUD CPD-23-103 for Pue

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Sincerely

Rodifiguez, Esq.

Specifically, we are seeking for possible availability of the following informatio

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

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

Barbosa Ave. #606, Building Juan C, Cordero Davila, Ro Piedras, PR 00918 | PO Box 21365 San Juan, PR 00928-1365 Fei (787) 274-2527 | International Content of the Content o



Rico.

August 20, 2024

#### Mrs. Anais Rodríguez

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

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

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

The Puerto Rico Department of Housing (PRDOH) kindly requests your assidence in gethering 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 miligation in ensuring safe living environments, particularly in HUD-assisted properties, PRDOH, as the grantee of the Community Development Black Grant for Disaster Recovery and Miligation (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 complie comprehensive and up-to-date Information on radon levels, testing proclements and up-to-date Information on radon levels. testing practices, and any miligation efforts within the islands of Puerto Rico

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Barbosa Ave #606, Building Juan C. Cordero Dávila, Rio Piedras, PR 00918 J PO Box 21365 San Juan, PR 00928-1365 Tel (787) 274-2527 1 www.encol.proj.

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

Sincerely.

William O. Rodríguez, Esq. Secretary

Cc: Mr. Luis Mărquez, <u>secretariaaire@dma.pr.gov</u> Eng. Amarilys Rosario, <u>aire@dma.pr.gov</u> Mrs. Elid Ortega, <u>sortega@dma.pr.gov</u>

OVERNMENT OF PUERTO RICLI

August 20, 2024 Dr. Jessica Irizarry

Director Office of Island Affairs

Via email: OIA@cdc.aov

Uls. Centers for Disease Control and Prevention 1324 CII Canada, San Juan, 00920 Guaynabo, PR 00968-8069

GOVERNMENT OF PUERTO RICO

August 20, 2024

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

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

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

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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August 20, 2024

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

Via email: <u>hsweyers@usgs.gov</u>

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

The Puerlo Rico Department of Housing (PRDOH) kindly requests your assistance in gathering data, information, or reports related to rador testing in Puerlo 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. Condaro Davila, Rio Piedras, PR C0918 | PO Box 2186 San Juan, PR 00928-1365 Tel. (787) 274-2527 | www.www.endston.up. CDBD-DR/MIT Program Request for information in relation with HUD CPD-23-103 for Puerto Bao Page 2 / 2

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

0 mm Rodney Willa Jez, Esci tan

Cc: Mr. Raúl Hernández Doble, <u>mernandez28salud pr.gov</u>

> CDBG-DR/MIT Program Request for Information in relation with HVD CPD-23-103 for Puetto Rica Rage 2 / 2

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

ríguez Rodiguez, Esq.

Mr. R. Randall Schumann, rschumann@usas.gov

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

Good morning, Sandra and others,

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

I was not able to find any data in the CDC systems and this was confirmed by Mr. Vinson. We also reached out the US Environmental Protection Agency who indicated they had no radon data in their systems. Please relay this information to Mr. Rodríguez 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 <a href="https://pubs.usgs.gov/of/1993/0292k/report.pdf">https://pubs.usgs.gov/of/1993/0292k/report.pdf</a>. 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 Geociences and Environmental Change Science Center Denver, Colorado, USA rschumann@usgs.gov https://www.usgs.gov/staff-profiles/r-randall-schumann

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

Good afternoon. Ms. Medina

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

Raul Hernandez Doble Director, Seccion Salud Radiologica Division de Salud Ambiental Secretaria Auxiliar para la Vigilancia y la Proteccion de la Salud Publica <u>rhernandez2@salud.gov.pr</u> 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

 <Reves.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: <u>silvina.cancelos@upr.edu</u>



Bubble Dynamics Lab



September 23, 2024

William O. Rodriguez Rodriguez, Esq.

VIA EMAIL

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

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

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 vear. 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 Pueter Rico have the geologic potential to generate indoor radio level's exceeding the EPA Action Level of 4 pC/L (piccouries per liter), perhaps locally reaching very high levels above SD pC/L, if a house construction and

CITY VIEW PLAZA II BUILDING, 7<sup>TH</sup> FLOOR ROUTE 165 GUAYNABO, PR 00968

ventilation allow for soil-gas radon to enter and concentrate within the structure.<sup>1</sup> 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 radom testing technology used in mainland United States (charcal 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 aftermatt 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 100 single-family residences in the municipalities of San Sebastian Lares, Cales, Arecibo, Moroxis, Camuy, and Hatillo and later expanded the project to other municipalities such as Rincon, Aguada, Ruadallia, Isabela, Querbardilas, Barceloneta and Vega Baja. The quality assurance protocols were anchored in American National Standards institute/American Association of Radon Scientists and technologist; (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 Correntium Home (CH) electronic monitors and Ferm systems. Locations measuring above the EPA Action Level of 4 pC/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 in the second stage. Also, during the study, the nationally certified radon mitigation professionals led by one such professional levels. Typical radon testing technology used in mainland United States (charcoal canisters or electric-powered levels.

Mapping radon in Puerto Rico proved to be a complicated endeavor given the COVID-19 pandemic in Mapping Taboli in Planto Nico proves to de a comparsate enclavor given une Corrollar plantemin. Un 2020: EPA and UPAK 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 this time because it contains privileged information. Nevertheless, preliminary data from the study does show homes with levels over 4 pC/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, setting or bunyle 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.

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. 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 reves.brenda@epa.gov or (787) 977-5869.

> Sincerely, CARMEN Digitally signed by CARMEN GUERRERO PEREZ Date: 2024.09.23 09:41:39 -04'00' GUERRERO PEREZ Carmen R. Guerrero Pérez Director

cc: Roberto Mendez, Esq (Acting Secretary, PR Department of Natural and Env. Resources)

Netany Medina: mmedina@vivienda.pr.gov
Elaine Dume Mejia: Edume@vivienda.pr.gov
Luz S Colon Ortiz: Lcolon@vivienda.pr.gov
Aldo A. Rivera-Vazquez: aarivera@vivienda.pr.gov
Cesar O. Rodriguez: cesarrodriguez@drna.pr.gov
Marita Rosa Olivares: maritzarosaolivares@dma.pr.gov



Exhibit 7

June 28, 2024

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



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

DAMARIS ROMAN RUIZ Reviewer

SILMARIE PADRON Digitally signed by SILMARIE PADRON Date: 2024.07.11 12:36:07 -04'00'

#### RE: USFWS Endangered Species Act Certifications CRP Program – June 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.

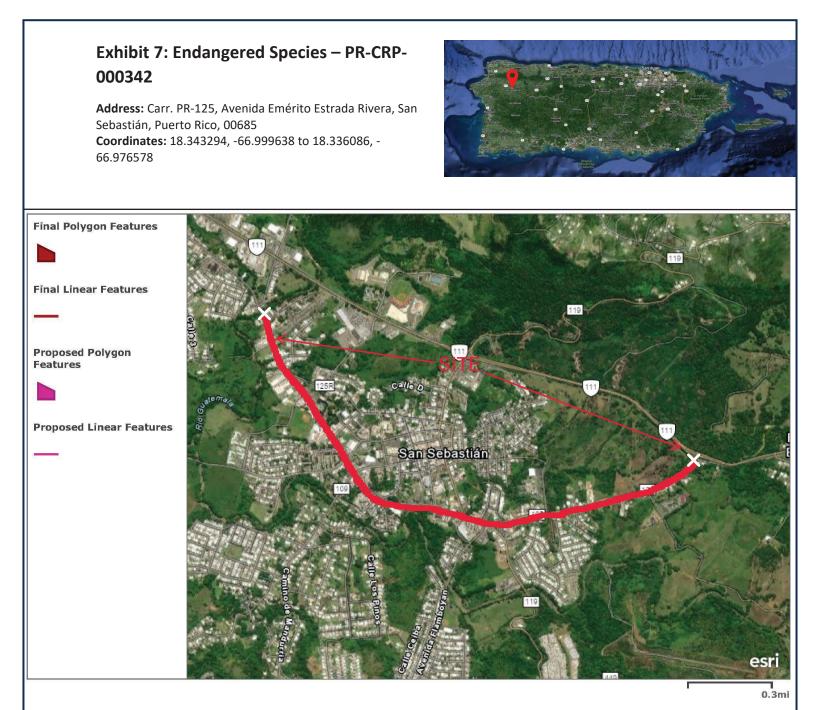
Project Number	Project Name
PR-CRP-000048	Nuevo Estacionamiento Público en la Calle Libertad
PR-CRP-000053	Sidewalk Revitalization Jayuya Urban Center
PR-CRP-000209	Iniciativa para la Rehabilitación de Integral de la Comunidad Especial "El Cerro"
PR-CRP-000342	Alumbrado y Reconstrucción de Aceras Ave. Emérito Estrada Rivera
PR-CRP-000446	Rehabilitación Plaza de Recreo Cristobal Colón
PR-CRP-000655	Plaza Urbanización Roosevelt
PR-CRP-000775	Revitalization of Architecture and Historical Facades in the Urban Center
PR-CRP-000988	Construcción de Ampliación de Estacionamiento Público
PR-CRP-001026	Conversion Of Del Valle Avenue into a Complete Street
PR-CRP-001192	Public Facilities Plaza Rafael Hernández Marín Río Piedras

For more information, please contact the Permits and Environmental Compliance Division at <u>environmentcdbg@vivienda.pr.gov</u> or at (787)274.2527 ext. 4320.

Sincerely,

Permits and Environmental Compliance Division Office of Disaster Recovery

#### CDBG-DR FUNDS





X Project Point

Maxar | Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau, USFWS



Source: https://fws.maps.arcgis.com/home/webmap/ print.html

#### Exhibit 7: Endangered Species – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578



#### Isabela Aguadilla Quebradillas Arecibo Capáez Camuy Hatillo Arecibo Aguadilla 129 119 Aguada Capá Jagüey 129 Rincón San ebastián Añasco 119 111 Utuado Lares Las Marías 123 Mayaguez Adjunta 128 Hormigueros 120 8/3/2024 1:288,895 2.25 4.5 9 mi Final Polygon Features 75m Resolution Metadata High Resolution 60cm Imagery 3.75 7.5 15 km World Imagery High Resolution 30cm Imagery Earthstar Geographics, Esri, TomTo METI/NASA, USGS, NPS, USFWS m, G eGraph Low Resolution 15m Imagery Citations

#### Critical Habitat for Threatened & Endangered Species [USFWS]

**Project Point** 

Site

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

Source: https://fws.maps.arcgis.com/apps/mapvie wer/index.html?webmap=9d8de5e265ad4

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

# Location

#### San Sebastián County, Puerto Rico



# Local office

Caribbean Ecological Services Field Office

▶ (787) 851-7297
▶ (787) 851-7440

IPaC: Explore Location resources

NOTFORCONSULTATION

MAILING ADDRESS Post Office Box 491 Boqueron, PR 00622-0491

PHYSICAL ADDRESS Carr 301, Km 5.1, Bo Corozo Boqueron, PR 00622-0510

https://ipac.ecosphere.fws.gov/location/TZZADUJU6FAG7G6FCRPYWWH6EY/resources

# Endangered species

# This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

- 1. Draw the project location and click CONTINUE.
- 2. Click DEFINE PROJECT.
- 3. Log in (if directed to do so).
- 4. Provide a name and description for your project.
- 5. Click REQUEST SPECIES LIST.

Listed species<sup>1</sup> and their critical habitats are managed by the <u>Ecological Services Program</u> of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries<sup>2</sup>).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact <u>NOAA Fisheries</u> for <u>species under their jurisdiction</u>.

 Species listed under the <u>Endangered Species Act</u> are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the <u>listing status</u> <u>page</u> for more information. IPaC only shows species that are regulated by USFWS (see FAQ). 2. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

# Reptiles

NAME	STATUS
Puerto Rican Boa Chilabothrus inornatus Wherever found No critical habitat has been designated for this species. <u>https://ecos.fws.gov/ecp/species/6628</u>	Endangered

# Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

# Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

- 1. The Migratory Birds Treaty Act of 1918.
- 2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern https://www.fws.gov/program/migratory-birds/species
- Measures for avoiding and minimizing impacts to birds <u>https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-</u><u>migratory-birds</u>
- Nationwide conservation measures for birds <u>https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-</u>

#### measures.pdf

# There are no migratory birds of conservation concern expected to occur at this location.

# Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

# What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the <u>Avian Knowledge</u> <u>Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen science</u> <u>datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (<u>Eagle Act</u> requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the <u>Rapid Avian Information Locator (RAIL) Tool</u>.

# What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the <u>Avian Knowledge Network (AKN)</u>. This data is derived from a growing collection of <u>survey</u>, <u>banding</u>, <u>and</u> <u>citizen science datasets</u>.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

#### How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the <u>RAIL Tool</u> and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird

on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

#### What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

- 1. "BCC Rangewide" birds are <u>Birds of Conservation Concern</u> (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
- 2. "BCC BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
- 3. "Non-BCC Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the <u>Eagle Act</u> requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

#### Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the <u>Northeast Ocean</u> <u>Data Portal</u>. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the <u>NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine</u> <u>Bird Distributions and Abundance on the Atlantic Outer Continental Shelf</u> project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the <u>Diving Bird Study</u> and the <u>nanotag studies</u> or contact <u>Caleb Spiegel</u> or <u>Pam Loring</u>.

#### What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to <u>obtain a permit</u> to avoid violating the Eagle Act should such impacts occur.

#### Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the

#### IPaC: Explore Location resources

black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

# Coastal Barrier Resources System

Projects within the John H. Chafee Coastal Barrier Resources System (CBRS) may be subject to the restrictions on Federal expenditures and financial assistance and the consultation requirements of the Coastal Barrier Resources Act (CBRA) (16 U.S.C. 3501 et seq.). For more information, please contact the local Ecological Services Field Office or visit the CBRA Consultations website. The CBRA website provides tools such as a flow chart to help determine whether consultation is required and a template to facilitate the consultation process.

#### There are no known coastal barriers at this location.

#### Data limitations

The CBRS boundaries used in IPaC are representations of the controlling boundaries, which are depicted on the <u>official CBRS maps</u>. The boundaries depicted in this layer are not to be considered authoritative for in/out determinations close to a CBRS boundary (i.e., within the "CBRS Buffer Zone" that appears as a hatched area on either side of the boundary). For projects that are very close to a CBRS boundary but do not clearly intersect a unit, you may contact the Service for an official determination by following the instructions here: <u>https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation</u>

#### Data exclusions

CBRS units extend seaward out to either the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward extent of the units is not shown in the CBRS data, therefore projects in the offshore areas of units (e.g., dredging, breakwaters, offshore wind energy or oil and gas projects) may be subject to CBRA even if they do not intersect the CBRS data. For additional information, please contact <u>CBRA@fws.gov</u>.

# Facilities

# National Wildlife Refuge lands

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

# Fish hatcheries

There are no fish hatcheries at this location.

# Wetlands in the National Wetlands Inventory (NWI)

Impacts to <u>NWI wetlands</u> and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local <u>U.S. Army Corps of</u> <u>Engineers District</u>.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

RIVERINE

<u>R5UBH</u>

A full description for each wetland code can be found at the <u>National Wetlands Inventory</u> <u>website</u>

**NOTE:** This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

#### Data limitations

#### IPaC: Explore Location resources

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

#### Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

#### Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

U.S. Fish & Wildlife Service

## General Project Design Guidelines (1 Species)

Generated November 30, 2022 12:55 AM UTC, IPaC v6.83.2-rc4



IPaC - Information for Planning and Consultation (https://ipac.ecosphere.fws.gov/): A project planning tool to help streamline the U.S. Fish and Wildlife Service environmental review process.

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### Species Document Availability

#### Species with general design guidelines

Puerto Rican Boa Chilabothrus inornatus

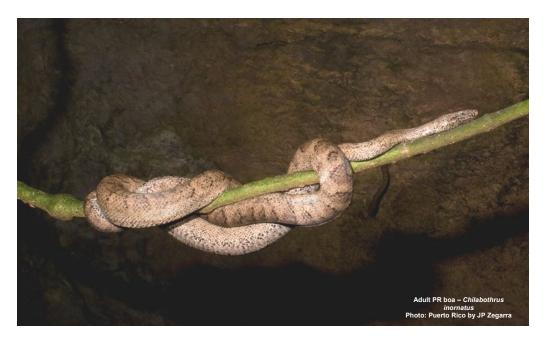


#### U.S. FISH AND WILDLIFE SERVICE CARIBBEAN ECOLOGICAL SERVICES FIELD OFFICE

#### Conservation Measures for the Puerto Rican boa (Chilabothrus inornatus)

Section 7 (a)(1) of the Endangered Species Act (ESA) charges Federal agencies to aid in the conservation of listed species, and section 7 (a)(2) requires the agencies, through consultation with the U.S. Fish and Wildlife Service (Service), to ensure their activities are not likely to jeopardize the continued existence of listed species or adversely modify designated critical habitats. Section 7 applies to the management of Federal lands as well as Federal actions that may affect listed species, such as Federal approval of private activities through the issuance of Federal funding, permits, licenses, or other actions. Any person that injures, captures, or kills a Puerto Rico boa is subject to penalties under the ESA. If Federal funds or permits are needed, the funding or permitting agency should initiate Section 7 consultation with the Service. To initiate a consultation under the Section 7 of the ESA, you must submit a project package with the established minimum requirements. These conservation measures should be incorporated into the project plans to minimize possible impacts to the species.

The endangered Puerto Rican (PR) boa (*Chilabothrus inornatus*, formerly *Epicrates inornatus*) is the largest endemic snake species that inhabits Puerto Rico. The PR boa is non-venomous and does not pose any life threatening danger to humans, but some individuals may try to bite if disturbed or during capture or handling. Its body color ranges from tan to dark brown with irregular diffuse marking on the dorsum, but some individuals lack marking and are uniformly dark. Juveniles may have a reddish color with more pronounced markings. In general, as they mature, their body color tends to darken.



The Puerto Rican boa was federally listed in 1970. Currently, the species has an island-wide distribution and occurs in a wide variety of habitat types ranging from wet montane to subtropical dry forest, and can be found from mature forest to areas with different degrees of human disturbance like roadsides or houses, especially if near their habitat in rural areas. This boa is considered mostly nocturnal, remaining less active, concealed or basking under the sun during the day.

The Service has developed the following conservation measures with the purpose of assisting others to avoid or minimize adverse effects to the PR boa and its habitat. These recommendations may be incorporated into new project plans and under certain circumstances into existing projects. Depending on the project, additional conservation measures can be implemented besides the ones presented in this document.

Conservation Measures:

- 1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site.
- 2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas.
- 3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area.
- 4. The PR boa is considered more active at night. Thus, in order to maximize its detection, the species should be searched at nights prior to habitat disturbance.
- 5. Once the area has been searched for PR boas, vegetation should first be cleared by hand to the maximum extent possible. Vegetation should be cut about one meter above ground prior to the use of heavy machinery for land clearing. Cutting vegetation by hand will allow boas present on site to move away on their own to adjacent available habitat. Any stone walls or naturally occurring rock piles must be carefully dismantled by hand as these are refuges for the snake. This will allow any boas present to vacate the site without injury.
- 6. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior.

- 7. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #6). Do not capture the boa. If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #s: ((787) 724-5700, (787) 230-5550, (787) 771-1124). If immediate relocation is not an option, project-related activities at this area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue.
- 8. If a PR boa is captured by the PRDNER, record the name of the PRDNER staff and information on where the PR boa will be taken. This information should be reported to the Service.
- 9. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #7). If not possible, the animal should be left alone until it leaves the vehicle on its own.
- 10. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future.
- 11. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #6). If the PR boa was accidentally? killed as part of the project actions, please include information on what conservation measures had been implemented and what actions that will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event.
- 12. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance.

If you have any questions regarding the above conservation measures, please contact the Service:

- Marelisa Rivera, Deputy Field Supervisor
  - Email: <u>marelisa rivera@fws.gov</u>
  - Office phone (786) 244-0081 or mobile (305) 304-1814
- José Cruz-Burgos, Endangered Species Coordinator
  - Email: jose cruz-burgos@fws.gov
  - Office phone (786) 244-0081 or mobile (305) 304-1386



### **United States Department of the Interior**

PISH & WILDLIPE SERVICE

FISH AND WILDLIFE SERVICE Caribbean Ecological Services Field Office P.O. Box 491 Boqueron, PR 00622

JAN 1 4 2013

In Reply Refer To: FWS/R4/CESFO/BKT/HUD

Mr. Efrain Maldonado Field Office Director U.S. Department of Housing and Urban Development 235 Federico Costa Street, Suite 200 San Juan, Puerto Rico 00918

> Re: Blanket Clearance Letter for Federally sponsored projects, Housing and Urban Development

Dear Mr. Maldonado:

The U.S. Fish and Wildlife Service (USFWS) is one of two lead Federal Agencies responsible for the protection and conservation of Federal Trust Resources, including threatened or endangered species listed under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.) (ESA). In the U.S. Caribbean, the USFWS has jurisdiction over terrestrial plants and animals, the Antillean manatee and sea turtles when nesting. The National Marine Fisheries Service has jurisdiction over marine species, except for the manatee. The ESA directs all Federal agencies to participate in conserving these species. Specially, section 7 of the ESA requires Federal agencies to consult with the USFWS to ensure that actions they fund authorize, permit, or otherwise carry out will not jeopardize the continued existence of any listed species or adversely modify designated critical habitat. The USFWS issued regulations in 1986 detailing the consultation process. As part of this consultation process, the USFWS review development projects to assist Federal agencies on the compliance of the ESA.

The U.S. Department of Housing and Urban Development (HUD) typically allocate grant funds for rural and urban development projects. Obligations under the ESA, as well as the National Environmental Policy Act (NEPA), require HUD to perform consultation and an environmental impact review prior to the project's authorization. Primarily, these projects involve repair or reconstruction of existing facilities associated with developed land.

In order to expedite the consultation process, the Caribbean Ecological Services Field Office has developed this Blanket Clearance Letter (BCL) to cover for activities and projects that typically result in no adverse effects to federally-listed species under our jurisdiction. If projects comply with the project criteria discussed below, no further consultation with the USFWS is needed.

#### Project Criteria

- 1. Street resurfacing.
- 2. Construction of gutters and sidewalks along existing roads.
- Reconstruction or emergency repairs of existing buildings, facilities and homes.
- 4. Rehabilitation of existing occupied single family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
- Demolition of dilapidated single family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
- 6. Rebuilding of demolished single family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre-existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
- Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
- 8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
- 9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
- 10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
- 11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low income families and/or facilities that have been affected by weather conditions.

#### Determination:

Based on the nature of the projects described above and habitat characteristics described on project criteria, we have determined that the actions and type of projects described above may be conducted within this BCL without adversely affecting federally-listed species under our jurisdiction. Thus, consultation under Section 7 of the Endangered Species Act is not required.

In all situations, HUD, and the municipalities are expected to implement Best Management Practices, where applicable, to ensure that impacts from erosion and stream sedimentation are appropriately minimized.

The Service encourages your agency to enhance the conservation of our trust resources (i.e.; listed species, wetlands, aquatic habitats, migratory birds and marine mammals). We therefore, provide the following recommendations that have proven to help in this way.

Water Crossing Structures:

- Use of bottomless culverts or single span bridges instead of traditional box or RCP culverts or any other water crossing structure that impacts the stream bottom, particularly in streams which support native fish. The use of bottomless culverts or a short span bridge would provide a more stable crossing and would not alter the stream habitat. However, if bottomless structures or bridges are not feasible due to cost or engineering constraints, we recommend the following criteria be used to maintain good habitat in the streams:
  - a. The stream should not be widened to fit the bridge since this can lead to sedimentation during low flows and possible bank erosion during high flows. Rather, the bridge should be designed to fit the stream channel at the point of crossing. Culverts should be sized to carry natural bank full flow. Additional flow can be capture by culverts placed at a higher elevation so as not to impact bank full flows.
  - b. Bridge abutments, wing walls or any other structures should not intrude into the active stream channel.
  - c. All culvert footings must be countersunk into the stream channel at both the invert and outlet ends at a minimum of 10% of the culvert height. This will align the water crossing structure with the slope of the stream.
  - d. Waterways must not be blocked as to impede the free movement of water and fish. Materials moved during construction, such as grubbing, earth fills, and earth cut materials must not be piled where they can fall back into the stream and block the drainage courses.
  - e. Appropriate erosion and/or sedimentation controls measures are to be undertaken to protect water quality until riverbanks are re-vegetated. It has been our experience that appropriate erosion and/or sedimentation control measures are not implemented properly by project contractors. In order to function properly, silt fences need to be buried 6" (proper depth is marked by a line on the silt fence) and supported at regular intervals by wood stakes. For that reason we are recommending that

the enclosed drawing of proper silt fence installation is included in all final project construction plans.

f. Upon completion of a water crossing construction, any temporary fill, must be removed from the construction area and disposed in a landfill.

#### Limitations:

Actions that do not meet the above project criteria, such as actions requiring placement of fill, disturbance, or modification to land outside of an existing access road or ROW; actions that occur on vacant property harboring a wetland and/or forest vegetation; actions requiring excavation, clearing of native vegetation, or alteration of storm water drainage patterns; or actions that require lighting which can be directly or indirectly seen from a beach, must be individually coordinated through the Caribbean Ecological Services Field Office and will be evaluated on a case by case basis.

#### The Service reserves the right to revoke or modify this BCL if:

- 1. New information reveals that the categories of work covered in this BCL may affect listed or designated critical habitat in a manner, or to an extent, not previously considered.
- 2. The categories of work included in this BCL are subsequently modified to include activities not considered in this review.
- 3. New species are listed or critical habitat designated that may be affected.

It is our mission to work with others, to conserve, protect and enhance fish wildlife and plants and their habitats for the continuing benefit of our people.

To obtain additional information on threatened and endangered species, you may visit our website <u>http://www.fws.gov/caribbean/ES</u> where you will also find the Map of the Species by Municipality and the Map of Critical Habitat. The USFWS has also developed a web based tool called IPac. Please visit <u>http://www.ecos.fws.gov/ipac</u> and familiarize yourself with the features we offer. We encourage you to begin your project planning process by requesting an **Official Species List** for your individual project that will include all species that may occur in the vicinity of the action area and includes a map of the action area. The site will also identify designated critical habitat, or other natural resources of concern that may be affected by your proposed project. At this time, best management practices or conservation measures are not available at the site but we expect the site to continue growing in its offering.

These maps provide information on the species/habitat relations within a municipality and could provide the applicants an insight if the proposed action is covered under this BCL or may affect a species, thus requiring individual review. If you have any additional question regarding this BCL, please do not hesitate to contact Marelisa Rivera, Deputy Field Supervisor, at 787-851-7297 extension 206.

Sincerely yours,

Edwin E. Muñiz Field Supervisor

Enclosures (Fact Sheets)

cc: OCAM, San Juan Office of Federal Funds, 78 Municipalities of Puerto Rico AAA PRFAA DNER **US Fish and Wildlife Service** 



### Ecological Services in the Caribbean

Caribbean Field Office

# Project evaluation



**Our mission** is to conserve, protect and enhance fish and wildlife and their habitats through consultation, cooperation and communication for the continuing benefit of the American people.

#### Legal authorities:

- Endangered Species Act (ESA)
- Fish and Wildlife Coordination Act
- Migratory Bird Treaty Act
- Coastal Barriers Act

#### **Roles and Responsibilities:**

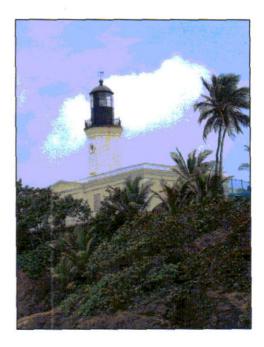
- Provide technical assistance to Federal and Commonwealth agencies to minimize possible impacts of land and water projects to our trust resources
  - \*Wetlands and other aquatic habitats
  - \*Endangered Species and their habitats
  - \*Migratory Birds
  - \*Critical Wildlife Areas
  - \*Coastal Barriers
- Assist with ESA Section 7 compliance through informal and formal consultation processes

#### How do we assist others?

- Determine presence / absence of wetland resources, threatened and endangered species habitat, coastal barriers, important wildlife areas within the action area
- Evaluate possible direct, indirect and cumulative impacts
- Provide conservation recommendations to avoid, minimize and/or mitigate impacts
- General recommendations for habitat enhancement

## Minimum requirements for the evaluation of projects:

- An 8.5 by 11 inch copy of the specific site location on a USGS topographic map (1:20,000) marked with an arrow (→)
- Project description
- Aerial photo of the project site
- Latitude and Longitude (degrees, minutes and seconds or decimal degrees)
- Environmental Documents (EA and EIS)
- Specific studies (by qualified personnel)



For more information: US Fish and Wildlife Service Caribbean Field Office Raod 301, Km. 5.1 Bo. Corozo Boquerón, PR 00622 <u>http://www.fws.gov</u> http://www.fws.gov/caribbean/es



### **Endangered Species Lists Using Web-based Tools**

The U.S. Fish and Wildlife Service's Caribbean Ecological Services Field Office (CESFO) provides technical assistance to private individuals and organizations, as well as Federal, state, and local agencies pursuant to the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.). To assist project sponsors or applicants with the process of determining whether a Federally-listed species and/or "critical habitat" may occur within their proposed project area, we have developed Web-based tools. These tools were developed primarily to assist Federal agencies that are consulting with us under Section 7(a)(2) of the Endangered Species Act (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

IPaC. The US Fish& Wildlife Service (USFWS) has a tool named IPaC. IPaC stands for Information, Planning, and Conservation. This system is designed for easy, public access to the natural resources information for which the USFWS has trust or regulatory responsibility. Examples include Threatened and Endangered species, migratory birds, National Refuge lands, Coastal Barrier Resource Units, and the management of invasive species. One of the primary goals of the IPaC system is to provide information in a manner that assists individuals in planning their activities within the context of natural resource conservation. The IPaC system also assists people through the various regulatory consultation, permitting and approval processes administered by the USFWS, helping achieve more effective and efficient results for both the project proponents and natural resources. Through IPaC, you can get a preliminary USFWS species list in addition to links to species life history information, the USFWS Migratory Bird program, and more. You can access **IPaC** at: http://ecos.fws.gov/ipac

**CESFO List of Threatened & Endangered Species and Critical Habitat Designations:** CESFO has developed another tool (Species Map) that can be used as a quick reference to find out where the Federally-listed species



are known to occur, as well as those likely to occur, in any given municipality in Puerto Rico and island in the U.S. Virgin islands. It identifies general areas where the species may be located. However, it does not represent the absolute distribution of the species and does not constitute a recommendation or comment issued by our agency in reference to a proposed project. This list represents the best available information regarding known or líkely occurrences of Federally-listed species and is subject to change as new information becomes available. You can access this database at http://www.fws.gov/caribbean/es/PDF/Map/pdf



Be aware that Section 9 of the ESA prohibits unauthorized taking of listed species and applies to Federal and non-Federal activities. Under the Act, it is illegal for any person subject to the jurisdiction of the United States to take (includes harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect; or to attempt any of these), import or export, ship in interstate or foreign commerce in the course of commercial activity, or sell or offer for sale in interstate or foreign commerce any endangered fish or wildlife species and most threatened fish and wildlife species. It is also illegal to possess, sell, deliver, carry, transport, or ship any such wildlife that has been taken illegally. "Harm" includes any act which actually kills or injures fish or wildlife, and case law has clarified that such acts may include significant habitat modification or degradation that significantly impairs

essential behavioral patterns of fish or wildlife. For projects not authorized, funded, or carried out by a Federal agency, consultation with the Service pursuant to Section 7(a)(2) of the ESA is not required. However, no person is authorized to "take<sup>1</sup>" any listed species without appropriate authorizations from the Service. Therefore, we provide technical assistance to individuals and agencies to assist with project planning to avoid the potential for "take," or when appropriate, to provide assistance with their application for an incidental take permit pursuant to Section 10(a)(1)(B) of the ESA.

If the project is within the distribution of the species, additional information may be needed to determine the presence of habitat. In some cases, specialized surveys may be needed to determine the presence or absence of the species in a particular area.

For additional information on fish and wildlife resources or State-listed species, we suggest contacting the Puerto Rico Department of Natural and Environmental Resources and the U.S. Virgin Islands Department of Planning and Natural Resources.

For further assistance, please feel free to contact us at (787) 851-7297 or visit our Web page at <u>www.fws.gov/caribbean/es</u> if you need further assistance.

For further information visit our national websites at: <u>http://www.fws.gov</u> <u>http://ecos.fws.gov</u>

#### P. O. Box 491 \* Boquerón. PR 00622 \* Tel: 787-851-7297 \* Fax: 787-851-7440



#### U.S. Fish & Wildlife Service

# Consultations with Federal Agencies

Section 7 of the Endangered Species Act

The purposes of the Endangered Species Act are to provide a means for conserving the ecosystems upon which endangered and threatened species depend and a program for the conservation of such species. The ESA directs all Federal agencies to participate in conserving these species. Specifically, section 7 (a)(1) of the ESA charges Federal agencies to aid in the conservation of listed species, and section 7(a)(2)requires the agencies to ensure that their activities are not likely to jeopardize the continued existence of listed species or adversely modify designated critical habitats.

#### How does the consultation process support the recovery of species and their ecosystems?

The Endangered Species Program of the U.S. Fish and Wildlife Service uses section 7 tools in partnership with other Service programs and other Federal agencies to collaboratively solve conservation challenges, as well as create opportunities, using section 7 consultations, to recover the ecosystems of listed species. Consultations also provide ways to implement recovery tasks by addressing threats to listed species that may result from Federal agency programs and activities.

### What is the consultation process that occurs under section 7(a)(2)?

The provision under section 7 that is most often associated with the Service and other Federal agencies is section 7(a)(2). It requires Federal agencies to consult with the Service to ensure that actions they fund, authorize, permit, or otherwise carry out will not jeopardize the continued existence of any listed species or adversely modify designated critical habitats. The



In response to requests for consultations from the U.S. Coast Guard with regard to manatees and sea turtles, the South Florida Office of the U.S. Fish and Wildlife Service has provided guidance about events such as firework displays, regattas, boat parades and races, and fishing tournaments.

Service issued regulations in 1986 detailing the consultation process, and we have since completed a handbook describing the process in detail. The handbook is available on our web site at http://www.fws. gov/endangered/esa-library/pdf/ esa\_section7\_handbook.pdf.

### What is the Service doing to facilitate the consultation process?

Designing projects in ways that are compatible with the conservation needs of listed species and their ecosystems is among the most effective methods of ensuring a more rapid and efficient section 7 consultation process, as well as species' recovery. The Information, Planning, and Conservation System is an emerging tool for action agencies, their applicants, and other project proponents to use during the initial phases of project development and assessment. The system will allow for more effective integration of listed resource conservation needs and the eventual streamlining of section 7(a)(2)consultation.

#### How does a consultation get started?

Early coordination is one of the most effective methods of (1) streamlining section 7 consultation, (2) reducing the need to make project modifications during the consultation process, and (3) improving the ability of section 7 to fulfill its role as a recovery tool. Federal agencies, applicants, and the Service engage in early coordination to develop methods of integrating proposed activities with the conservation needs of listed resources before the proposed actions are fully designed. Before initiating an action, the Federal agency or its non-Federal permit applicant should coordinate with the Service as to the species that may be within their action area. If a listed species is present, the Federal agency must determine whether the project may affect it. If so, consultation may be required. If the action agency determines (and the Service agrees) that the project is not likely to adversely affect a listed species or designated critical habitat, and the Service concurs in writing, then the consultation (informal to this point) is concluded.

#### What happens if a Federal project may adversely affect a listed species?

If the Federal agency determines that a project is likely to adversely affect a listed species or designated critical habitat, the agency initiates formal consultation by providing information with regard to the nature of the anticipated effects. The ESA requires that consultation be completed within 90 days, and the regulations allow an additional 45 days for the Service to prepare a biological opinion. The analysis of whether or not the proposed action is likely to jeopardize the continued existence of the species or adversely modify designated critical habitat is contained in a biological opinion. If a jeopardy or adverse modification determination is made, the biological opinion must identify any reasonable and prudent alternatives that could allow the project to move forward.

The Service must anticipate any incidental take that may result from the proposed project and, provided that such take will not jeopardize the continued existence of the listed species, authorize that take in an incidental take statement. The latter contains clear terms and conditions designed to reduce the impact of the anticipated take to the species involved. The authorization of incidental take is contingent upon the Federal agency carrying out the terms and conditions. If the Service issues either a non-jeopardy opinion or a jeopardy opinion that contains reasonable and prudent alternatives, it may include an incidental take statement.



This Louisiana black bear was one of the largest ever captured on Tensas River National Wildlife Refuge, weighing in at over 400 pounds. The bear was trapped using a leg-hold cable snare that does not injure the animal. The biological information obtained, including weight, sex, a tooth for aging, and other measurements, is part of the Service's ongoing research efforts to aid in the recovery of this threatened subspecies. Afterwards, the bear was released on site.

#### What is the consultation workload?

In Fiscal Year 2010, the Service assisted Federal agencies in carrying out their responsibilities under section 7 on more than 30,000 occasions. The vast majority of the workload was technical assistance to Federal agencies and informal consultations on actions that were not likely to adversely affect listed species or their designated critical habitat. A large percentage of projects, as initially planned, would have had adverse impacts to listed species, but were dealt with through informal consultation. In these situations, the Federal agency made changes to the project design so that adverse impacts to listed species were avoided.

#### What type of guidance is available for other Federal agencies?

Guidance is available on our section 7 web site at http://www. fws.gov/endangered/what-wedo/consultations-overview.html. Please call us at 703-358-2171 if you have any questions, or see our Endangered Species Program Contacts at http://www.fws.gov/ endangered/regions/index.html to locate a Service office in your area.

U. S. Fish and Wildlife Service **Endangered Species Program** 4401 N. Fairfax Drive, Room 420 Arlington, VA 22203 703-358-2171 http://www.fws.gov/endangered/

April 2011



#### **Self-Certification**

CDBG-DR FUND

OBC-MIT FU

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.

Puerto Rico Department of Housing (PRDOH) certifies that the following project **Alumbrado y Reconstrucción de Aceras Ave. Emérito Estrada Rivera (PR-CRP-000342)**, consisting of demolish and reconstruct the sidewalks, curbs, and gutters, to incorporate ADA compliant ramps and sidewalks along the length of PR-125 Road, Emérito Estrada Rivera Ave. until the intersection with PR-111 Road within the streets' right of way, and the acquisition and installation of solar lighting, new signage, and landscape to the green area; located at PR-125 Road, Emérito Estrada Rivera Avenue, San Sebastián, Puerto Rico 00685; from coordinates 18.343294, -66.999638 to coordinates 18.336086, -66.976578, complies with:

Check	Project Criteria
$\boxtimes$	1. Street resurfacing.
$\boxtimes$	2. Construction of gutters and sidewalks along existing roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities, and homes.
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.

#### **CDBG-DR** FUNDS

5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
6. Rebuilding of demolished single-family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
7. Activities within existing Right of Ways (ROWs) of roads, bridges, and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

USFWS Self-Certification PR-CRP-000342

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: <u>environmentcdbg@vivienda.pr.gov</u>

June 28,2024 Date

<u>Project Name:</u> Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk <u>Location:</u> Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 <u>Lat/Long:</u> 18.343294, -66.999638 to 18.336086, -66.976578 PR-CRP-000342

#### **Project Description:**

The Municipality of San Sebastian proposes the rehabilitation and restoration of the sidewalks, curbs and gutters, the incorporation of handicap ramps and the construction of sidewalks, along the length of Carr #125 Ave. Emérito Estrada Rivera from location 18.343294°, -66.999638° until the intersection with Carr #111 location 18.335892°, -66.976707° (refer to Figure 1: Proposed Project Drawings (90%)). Works to be performed will extend approximately 6.57% outside of the streets' right of way. The approximate length of the sidewalks to be built is 9,845 feet, and the approximate length of sidewalks to be reconstructed is 8,419 feet with a minimum width of 5 feet. The project will also include entrance reconstructions along the road, the acquisition and installation of solar lighting, new signage and improvements to the green areas.

The proposed project aims to accomplish the following tasks: reconstruction of the existing sidewalks and construction of new sidewalks along the route; construction of concrete curbs; construction of handicapped ramps for ADA accessibility compliance; improvements to the green areas; and installation of signage and pavement markings for pedestrian crossings. It will also include partial widening of existing sidewalks to comply with ADA regulations and PRTHA Standards. There will be demolition of the existing elements in order to rebuild them and of the road areas where the new sidewalks will be constructed. The maximum depth of excavation works will be approximately 18 in. During the demolition and construction process, erosion and sedimentation control measures will be implemented to avoid sediment discharges into the storm sewer system. Controls to be installed include hay bales (or silt socks) on drainage structures, silt fence around the project limit, and implementation of a stabilized entrance, with truck washout station to avoid sediments track out into the streets. Staging and storage areas for construction materials will be protected with silt fence, or any other measure as needed. The staging area for the projects will be located in the parking lot of the Cancha Luis Muñoz Marin.

A Maintenance of traffic plan and temporary control devices will be implemented to control the vehicular traffic and provide a safe route to pedestrians during the construction works. The maintenance of traffic plan will be prepared in compliance with the PRHTA and FHWA standards and regulations. The Level of Environmental Review for this project has been identified as a Conditionally Exempt Subject to Part 58, as it complies with section 58.35(a) (1). Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets); and 58.35(a) (2). Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons. This conclusion assumes that the sidewalks are part of the streets right of way.

Project Name: Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk Location: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Lat/Long: 18.343294, -66.999638 to 18.336086, -66.976578 PR-CRP-000342

#### Site Pictures:

















Project Name: Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk Location: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Lat/Long: 18.343294, -66.999638 to 18.336086, -66.976578 PR-CRP-000342

















Project Name: Acquisition and Installation of Solar Lighting and Reconstruction of Sidewalk Location: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Lat/Long: 18.343294, -66.999638 to 18.336086, -66.976578 PR-CRP-000342





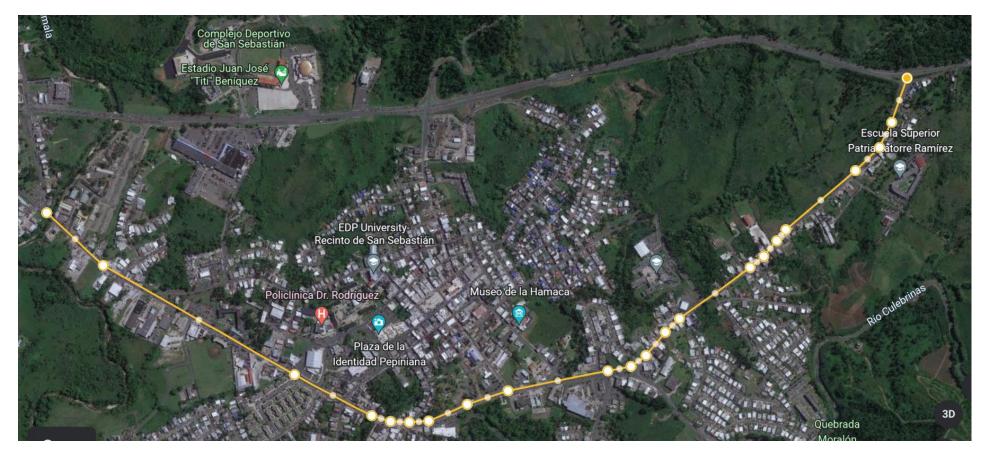




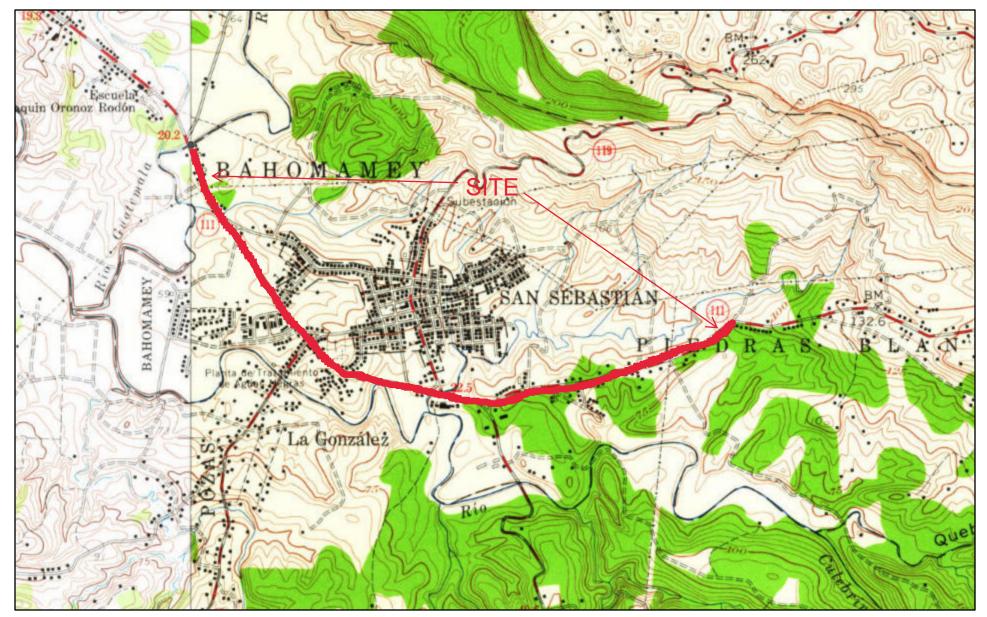
### Attachment 1

Location Map Topographic Map Critical Habitat Map Wetlands Map PR-CRP-000342 Alumbrado y Reconstrucción de Aceras Ave. Emérito Estrada Rivera San Sebastián Road PR-25, Ave Emérito Estrada Rivera, San Sebastián, PR 00685 Coordinates 18.343294, -66.999638 to 18.3636086, -66.976578

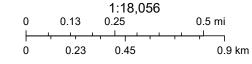
### **Location Map**



#### PR-CRP-000342 Alumbrado y Reconstrucción de Aceras Ave. Emérito Estrada Rivera



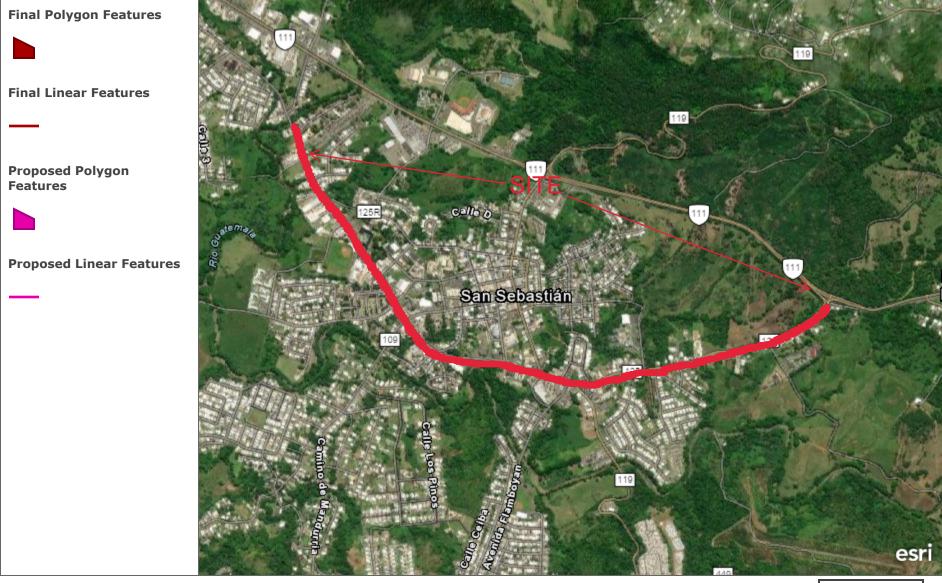
Road PR-25, Ave Emérito Estrada Rivera, San Sebastián, PR 00685 Coordinates 18.343294, -66.999638 to 18.3636086, -66.976578



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#### Critical Habitat for Threatened & Endangered Species [USFWS]

#### PR-CRP-000342 Alumbrado y Reconstrucción de Aceras Ave. Emérito Estrada Rivera



A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

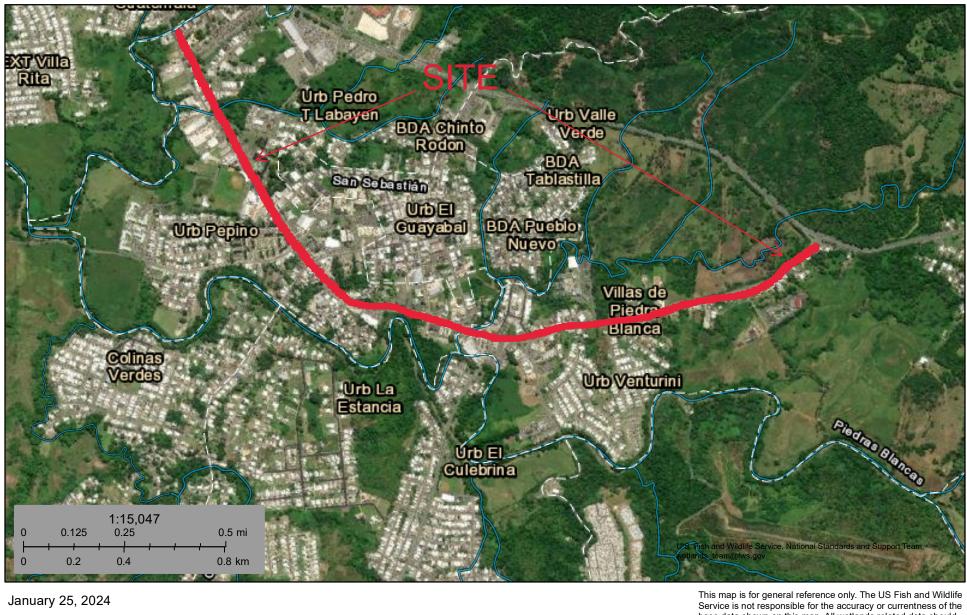
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Maxar | Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau, USFWS



### U.S. Fish and Wildlife Service National Wetlands Inventory

PR-CRP-000342 Alumbrado y Reconstrucción de Aceras Ave. Emérito Estrada Rivera



#### Wetlands

- Estuarine and Marine Wetland

Estuarine and Marine Deepwater

- Freshwater Pond

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Lake Other Riverine

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.

## Attachment 2

IPaC Report

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

### Location

#### San Sebastián County, Puerto Rico



### Local office

Caribbean Ecological Services Field Office

▶ (787) 851-7297
▶ (787) 851-7440

IPaC: Explore Location resources

NOTFORCONSULTATION

MAILING ADDRESS Post Office Box 491 Boqueron, PR 00622-0491

PHYSICAL ADDRESS Carr 301, Km 5.1, Bo Corozo Boqueron, PR 00622-0510

https://ipac.ecosphere.fws.gov/location/TZZADUJU6FAG7G6FCRPYWWH6EY/resources

## Endangered species

# This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

- 1. Draw the project location and click CONTINUE.
- 2. Click DEFINE PROJECT.
- 3. Log in (if directed to do so).
- 4. Provide a name and description for your project.
- 5. Click REQUEST SPECIES LIST.

Listed species<sup>1</sup> and their critical habitats are managed by the <u>Ecological Services Program</u> of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries<sup>2</sup>).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact <u>NOAA Fisheries</u> for <u>species under their jurisdiction</u>.

 Species listed under the <u>Endangered Species Act</u> are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the <u>listing status</u> <u>page</u> for more information. IPaC only shows species that are regulated by USFWS (see FAQ). 2. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

### Reptiles

NAME	STATUS
Puerto Rican Boa Chilabothrus inornatus Wherever found No critical habitat has been designated for this species. <u>https://ecos.fws.gov/ecp/species/6628</u>	Endangered

## Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

# Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

- 1. The Migratory Birds Treaty Act of 1918.
- 2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern https://www.fws.gov/program/migratory-birds/species
- Measures for avoiding and minimizing impacts to birds <u>https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-</u><u>migratory-birds</u>
- Nationwide conservation measures for birds <u>https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-</u>

#### measures.pdf

# There are no migratory birds of conservation concern expected to occur at this location.

## Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

## What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the <u>Avian Knowledge</u> <u>Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen science</u> <u>datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (<u>Eagle Act</u> requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the <u>Rapid Avian Information Locator (RAIL) Tool</u>.

## What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the <u>Avian Knowledge Network (AKN)</u>. This data is derived from a growing collection of <u>survey</u>, <u>banding</u>, <u>and</u> <u>citizen science datasets</u>.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

#### How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the <u>RAIL Tool</u> and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird

on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

#### What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

- 1. "BCC Rangewide" birds are <u>Birds of Conservation Concern</u> (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
- 2. "BCC BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
- 3. "Non-BCC Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the <u>Eagle Act</u> requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

#### Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the <u>Northeast Ocean</u> <u>Data Portal</u>. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the <u>NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine</u> <u>Bird Distributions and Abundance on the Atlantic Outer Continental Shelf</u> project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the <u>Diving Bird Study</u> and the <u>nanotag studies</u> or contact <u>Caleb Spiegel</u> or <u>Pam Loring</u>.

#### What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to <u>obtain a permit</u> to avoid violating the Eagle Act should such impacts occur.

#### Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the

## IPaC: Explore Location resources

black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

# Coastal Barrier Resources System

Projects within the John H. Chafee Coastal Barrier Resources System (CBRS) may be subject to the restrictions on Federal expenditures and financial assistance and the consultation requirements of the Coastal Barrier Resources Act (CBRA) (16 U.S.C. 3501 et seq.). For more information, please contact the local Ecological Services Field Office or visit the CBRA Consultations website. The CBRA website provides tools such as a flow chart to help determine whether consultation is required and a template to facilitate the consultation process.

## There are no known coastal barriers at this location.

## Data limitations

The CBRS boundaries used in IPaC are representations of the controlling boundaries, which are depicted on the <u>official CBRS maps</u>. The boundaries depicted in this layer are not to be considered authoritative for in/out determinations close to a CBRS boundary (i.e., within the "CBRS Buffer Zone" that appears as a hatched area on either side of the boundary). For projects that are very close to a CBRS boundary but do not clearly intersect a unit, you may contact the Service for an official determination by following the instructions here: <u>https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation</u>

## Data exclusions

CBRS units extend seaward out to either the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward extent of the units is not shown in the CBRS data, therefore projects in the offshore areas of units (e.g., dredging, breakwaters, offshore wind energy or oil and gas projects) may be subject to CBRA even if they do not intersect the CBRS data. For additional information, please contact <u>CBRA@fws.gov</u>.

# Facilities

# National Wildlife Refuge lands

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

# Fish hatcheries

There are no fish hatcheries at this location.

# Wetlands in the National Wetlands Inventory (NWI)

Impacts to <u>NWI wetlands</u> and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local <u>U.S. Army Corps of</u> <u>Engineers District</u>.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

RIVERINE

<u>R5UBH</u>

A full description for each wetland code can be found at the <u>National Wetlands Inventory</u> <u>website</u>

**NOTE:** This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

## Data limitations

## IPaC: Explore Location resources

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

# Attachment 3

Conservation Measures

U.S. Fish & Wildlife Service

# General Project Design Guidelines (1 Species)

Generated November 30, 2022 12:55 AM UTC, IPaC v6.83.2-rc4



IPaC - Information for Planning and Consultation (https://ipac.ecosphere.fws.gov/): A project planning tool to help streamline the U.S. Fish and Wildlife Service environmental review process.

# **Table of Contents**

Species Document Availability	1
Puerto Rican Boa - Caribbean Ecological Services Field Office	2

## Species Document Availability

## Species with general design guidelines

Puerto Rican Boa Chilabothrus inornatus

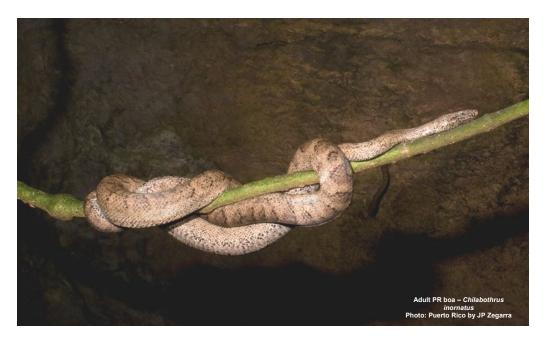


## U.S. FISH AND WILDLIFE SERVICE CARIBBEAN ECOLOGICAL SERVICES FIELD OFFICE

## Conservation Measures for the Puerto Rican boa (Chilabothrus inornatus)

Section 7 (a)(1) of the Endangered Species Act (ESA) charges Federal agencies to aid in the conservation of listed species, and section 7 (a)(2) requires the agencies, through consultation with the U.S. Fish and Wildlife Service (Service), to ensure their activities are not likely to jeopardize the continued existence of listed species or adversely modify designated critical habitats. Section 7 applies to the management of Federal lands as well as Federal actions that may affect listed species, such as Federal approval of private activities through the issuance of Federal funding, permits, licenses, or other actions. Any person that injures, captures, or kills a Puerto Rico boa is subject to penalties under the ESA. If Federal funds or permits are needed, the funding or permitting agency should initiate Section 7 consultation with the Service. To initiate a consultation under the Section 7 of the ESA, you must submit a project package with the established minimum requirements. These conservation measures should be incorporated into the project plans to minimize possible impacts to the species.

The endangered Puerto Rican (PR) boa (*Chilabothrus inornatus*, formerly *Epicrates inornatus*) is the largest endemic snake species that inhabits Puerto Rico. The PR boa is non-venomous and does not pose any life threatening danger to humans, but some individuals may try to bite if disturbed or during capture or handling. Its body color ranges from tan to dark brown with irregular diffuse marking on the dorsum, but some individuals lack marking and are uniformly dark. Juveniles may have a reddish color with more pronounced markings. In general, as they mature, their body color tends to darken.



The Puerto Rican boa was federally listed in 1970. Currently, the species has an island-wide distribution and occurs in a wide variety of habitat types ranging from wet montane to subtropical dry forest, and can be found from mature forest to areas with different degrees of human disturbance like roadsides or houses, especially if near their habitat in rural areas. This boa is considered mostly nocturnal, remaining less active, concealed or basking under the sun during the day.

The Service has developed the following conservation measures with the purpose of assisting others to avoid or minimize adverse effects to the PR boa and its habitat. These recommendations may be incorporated into new project plans and under certain circumstances into existing projects. Depending on the project, additional conservation measures can be implemented besides the ones presented in this document.

Conservation Measures:

- 1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site.
- 2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas.
- 3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area.
- 4. The PR boa is considered more active at night. Thus, in order to maximize its detection, the species should be searched at nights prior to habitat disturbance.
- 5. Once the area has been searched for PR boas, vegetation should first be cleared by hand to the maximum extent possible. Vegetation should be cut about one meter above ground prior to the use of heavy machinery for land clearing. Cutting vegetation by hand will allow boas present on site to move away on their own to adjacent available habitat. Any stone walls or naturally occurring rock piles must be carefully dismantled by hand as these are refuges for the snake. This will allow any boas present to vacate the site without injury.
- 6. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior.

- 7. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #6). Do not capture the boa. If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #s: ((787) 724-5700, (787) 230-5550, (787) 771-1124). If immediate relocation is not an option, project-related activities at this area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue.
- 8. If a PR boa is captured by the PRDNER, record the name of the PRDNER staff and information on where the PR boa will be taken. This information should be reported to the Service.
- 9. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #7). If not possible, the animal should be left alone until it leaves the vehicle on its own.
- 10. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future.
- 11. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #6). If the PR boa was accidentally? killed as part of the project actions, please include information on what conservation measures had been implemented and what actions that will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event.
- 12. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance.

If you have any questions regarding the above conservation measures, please contact the Service:

- Marelisa Rivera, Deputy Field Supervisor
  - Email: <u>marelisa rivera@fws.gov</u>
  - Office phone (786) 244-0081 or mobile (305) 304-1814
- José Cruz-Burgos, Endangered Species Coordinator
  - Email: jose cruz-burgos@fws.gov
  - Office phone (786) 244-0081 or mobile (305) 304-1386

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

## Location

## San Sebastián County, Puerto Rico



## Local office

Caribbean Ecological Services Field Office

▶ (787) 851-7297
▶ (787) 851-7440

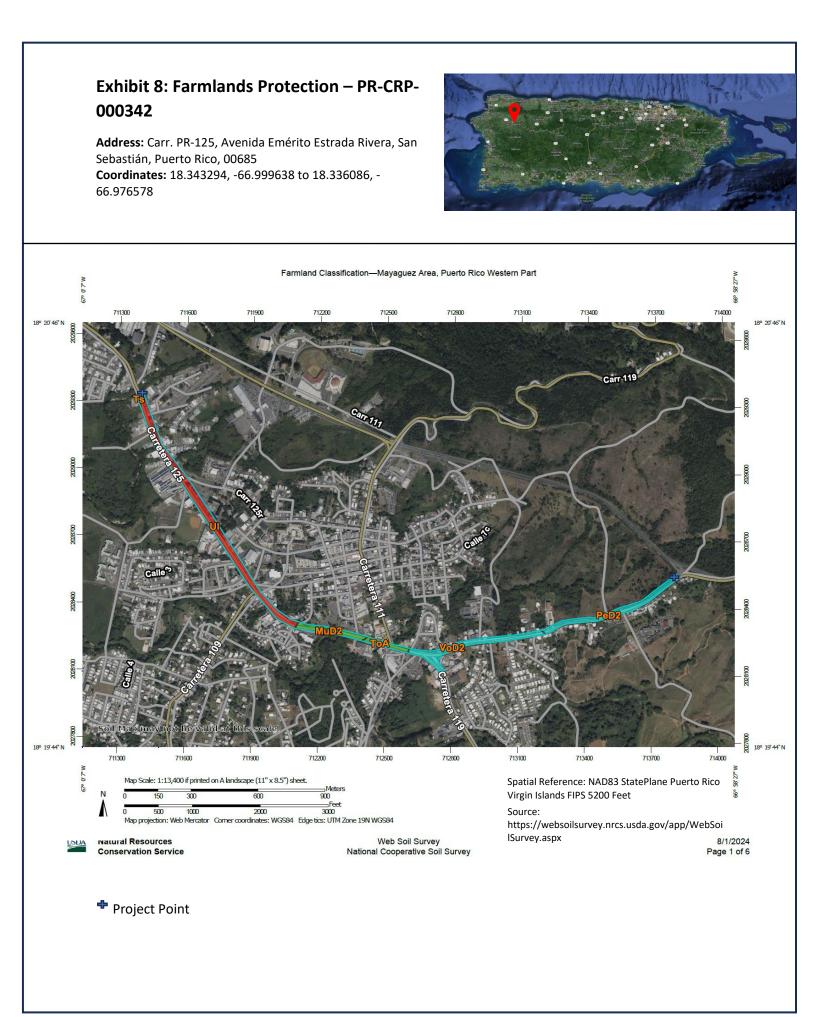
IPaC: Explore Location resources

NOTFORCONSULTATION

MAILING ADDRESS Post Office Box 491 Boqueron, PR 00622-0491

PHYSICAL ADDRESS Carr 301, Km 5.1, Bo Corozo Boqueron, PR 00622-0510

https://ipac.ecosphere.fws.gov/location/TZZADUJU6FAG7G6FCRPYWWH6EY/resources



## Exhibit 8: Farmlands Protection – PR-CRP-000342

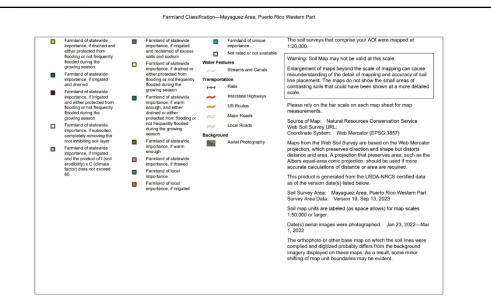
Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578

### MAP LEGEND Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season Prime farmland if subsoiled, completely removing the root inhibiting soil layer Area of Interest (AOI) Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium Farmland of unique importance Area of Interest (AOI) Not rated or not Soils available Soil Rating Polygons Prime farmland if irrigated Farmland of statewide Soil Rating Lines and the product of I (soil importance, if drained or Not prime farmland Not prime farmland erodibility) x C (climate factor) does not exceed Farmland of statewide either protected from importance, if irrigated and drained flooding or not frequently flooded during the All areas are prime farmland All areas are prime farmland 60 Prime farmland if irrigated and reclaimed of excess salts and sodium Prime farmland if drained Farmland of statewide growing season Prime farmland if drained importance, if irrigated and either protected from flooding or not frequently flooded during the Farmland of statewide Prime farmland if protected from flooding or not frequently flooded during the growing importance, if warm Prime farmland if protected from flooding or not frequently flooded during the growing season Farmland of statewide importance enough, and either ~ drained or either protected from flooding or 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 growing season . 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## Exhibit 8: Farmlands Protection – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





Natural Resources Conservation Service

### Farmland Classification

Farmland Classification—Mayaguez Area, Puerto Rico Western Part

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
MuD2	Moca clay, 12 to 20 percent slopes, eroded	All areas are prime farmland	2.1	9.8%
PeD2	Perchas clay, 12 to 20 percent slopes, eroded	Farmland of statewide importance	3.6	16.9%
ToA	Toa silty clay loam, 0 to 2 percent slopes, occasionally flooded	All areas are prime farmland	1.1	5.4%
Тв	Toa silty clay	All areas are prime farmland	0.1	0.7%
UI	Urban land	Not prime farmland	10.0	47.2%
VoD2	Voladora silty clay, 12 to 20 percent slopes, eroded	Farmland of statewide importance	4.3	20.0%
Totals for Area of Interest			21.2	100.0%

### Description

Familand classification isolatilies map units as prime familand, if familand of statewise importance, familand of local importance, or unique familand. It identifies the location and extent of the solis that are best suited to food, feed fiber, forcega, en all object orgos. PNCS policy and procedures on prime and unique familands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1078.

### Rating Options

Aggregation Method: No Aggregation Necessary

Web Soil Survey National Cooperative Soil Survey

8/1/2024 Page 4 of 6

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being agregated, the first step of the aggregation process is to derive one attribute values for each of a map unit's component this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit a derived, at thematic map for soil map units can be endered. Aggregation must be done because, on any soil map, map units are delineated but component attribute on tot.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods. 

Tie-break Rule: Lower

Farmiand Classification-Mayaguez Area, Puerto Rico W

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Natural Resources Conservation Service

Web Soil Survey National Cooperative Soil Survey

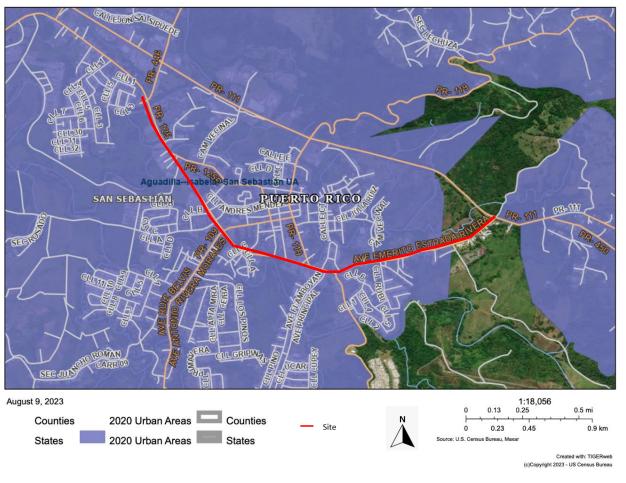
8/1/2024 Page 5 of 6

Natural Resources Conservation Service

# Exhibit 8a: Census Bureau Map (TIGERweb 2020)– PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





TIGERweb

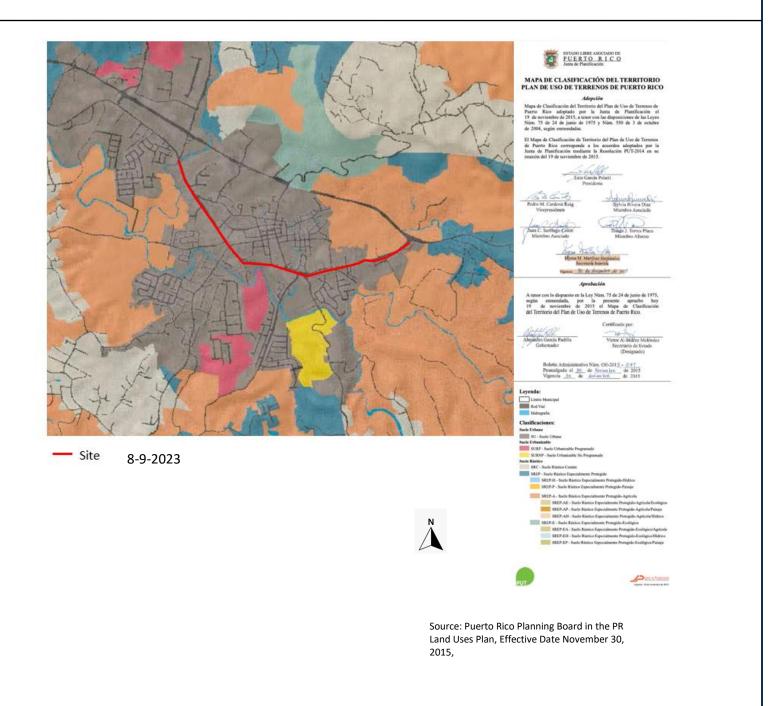
Spatial Reference: NAD83 StatePlane Puerto Rico Virgin Islands FIPS 5200 Feet

Source: https://tigerweb.geo.census.gov/tigerweb/

## Exhibit 8b: Puerto Rico Land Use Plan – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





## Exhibit 8c: 7 CFR 658.2(a)- PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578



## §658.2 Definitions.

(a) Farmland means prime or unique farmlands as defined in section 1540(c)(1) of the Act or farmland that is determined by the appropriate state or unit of local government agency or agencies with concurrence of the Secretary to be farmland of statewide of local importance. "Farmland" does not include land already in or committed to urban development or water storage. Farmland "already in" urban development or water storage includes all such land with a density of 30 structures per 40-acre area. Farmland already in urban development also includes lands identified as "urbanized area" (UA) on the Census Bureau Map, or as urban area mapped with a "tint overprint" on the USGS topographical maps, or as "urban-built-up" on the USDA Important Farmland Maps. Areas shown as white on the USDA Important Farmland Maps are not "farmland" and. therefore, are not subject to the Act. Farmland "committed to urban development or water storage" includes all such land that receives a combined score of 160 points or less from the land evaluation and site assessment criteria.

Source: 7 CFR 658.2(a)

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578



## GOVERNMENT OF PUERTO RICO STATE HISTORIC PRESERVATION OFFICE

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

January 4, 2024

Lauren Bair Poche HORNE - Architectural Historian Manager 10000 Perkins Rowe, Suite 610 Bldg G Baton Rouge, LA 70810

SHPO: 12-11-23-09 PUERTO RICO DISASTER RECOVERY, CDBG-DR CITY REVITALIZATION PROGRAM (CRP), PR-CRP-000342, INSTALLATION OF SOLAR LIGHTING AND RECONSTRUCTION OF SIDEWALKS TO PR-125, GUATEMALA Y HATO ARRIBA WARDS, SAN SEBASTIÁN, PUERTO RICO

Dear Ms. Poche,

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

We concur with your finding that the proposed project will have **no adverse effect** upon historic properties.

Please note that should the Agency discover any 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,

₽0 r

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



OFICINA ESTATAL DE CONSERVACIÓN HISTÓRICA OFICINA DEL GOBERNADOR STATE MISTORIC PRESERVATION OFFICE

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





October 20, 2022

## Arch. Carlos A. Rubio Cancela

Executive Director State Historic Preservation Officer Cuartel de Ballajá Bldg. San Juan, Puerto Rico

## **Re:** Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

Juan C Pérez Bofill, P.E. M.Eng Director of Disaster Recovery CDBG DR-MIT

CDBG-DR FUNDS I HOUSING



December 12, 2023

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

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

# Section 106 NHPA Effect Determination Submittal for PR-CRP-000342: Alumbrado y Reconstruccion de Aceras Ave. Emérito Estrada Rivera Project, San Sebastián, Puerto Rico – *No Adverse Effect*

Dear Architect Rubio Cancela,

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

On behalf of PRDOH and the subrecipient, the Municipality of San Sebastián, we are submitting documentation for the proposed Alumbrado y Reconstruccion de Aceras Ave. Emérito Estrada Rivera Project. The proposed undertaking aims to improve Erérito Estrada Rivera Avenue (PR-125) from approximately the Río Guatemala in the west to its intersection with PR-111 to the east. The scope of work includes the demolition of sidewalks, curbing and gutters along PR-125 and construct new sidewalks, curbing and gutters along with handicap ramps. Additional project activities include the installation of solar lighting, new signage, and new green areas. The project is situated to the south of the San Sebastián Traditional Urban Center but adjacent to the Andrés M. Luciaga Residential Housing Project, eligible for listing in the National Register of Historic Places. The full scope of the project is described in the submitted documentation, which includes mapping, photographs, and the 100% construction plans.

Based on the provided documentation, the Program requests a concurrence with a determination that no adverse effect to historic properties is appropriate for this undertaking.

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

Kindest regards,

un Lauren Bair Poche. M.A.

Architectural Historian, EHP Senior Manager Attachments



Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

 Project Location: Guatemala y Hato Arriba Wards

 Project Coordinates: Project Starts: Lat: 18.343294/ Long: -66.999638. Project Ends: Lat: 18.3361/ Long: -66.97658.

 TPID (Número de Catastro): N/A

 Type of Undertaking:

 X Substantial Repair

 □ New Construction

 Construction Date (AH est.): © 1900

 Property Size (acres): 11.33 acres

SOI-Qualified Architect/Architectural Historian: Carlos Ferrán-Martínez, Conservationist Architect

Date Reviewed: November, 2023

SOI-Qualified Archaeologist: Norma Medina-Carrillo, PhD.

Date Reviewed: November, 2023

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

## Project Description (Undertaking)

The Municipality of San Sebastian proposes to demolish and reconstruct the sidewalks, curbs and gutters, to incorporate handicap ramps and to construct sidewalks along the length of Road PR #125 Ave. Emérito Estrada Rivera until the intersection with Carr. #111. Works will be performed inside the streets' right of way. The approximate length of the sidewalks to be built is 9,845 feet, and the approximate length of sidewalks to be reconstructed is 8,419 feet. The project will also include the acquisition and installation of solar lighting, new signage and improvements to the green areas. New ground disturbance activities will be limited to the installation of solar lighting fixtures.

The project will not affect any existing culvert (Culvert #002331 (1917) over Guatemala River- Photo #11) or bridge, (Bride #002341 (1940) over Guatemala River- Photo #04), since it's only the reconstruction of sidewalks. No street pavement intervention is contemplated in the proposal.



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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 **11.33 acres**, and the visual APE is the viewshed of the proposed project. Length APE dimensions are: 2.2369 Miles, (11,811.02 Linear Feet, 3,600 Linear Meters), Width (varies): 0.00913416 Miles, (48.2283 Linear Feet, 14.7 Linear Meters).

The physical boundaries of the direct and indirect/visual APE are the following streets intersections: Providencia Barrero Street (PR-125R), Emilio Ruíz Street, B Street, Betanus Street, José Torres Pino Street, Ruíz Belvis Street (PR-109), C Street, H. Castro Street, Betances Street, Severo Arana Street, PR-111R, Juan F. Cortés Street, Rubi Street, Juan Aviles Street.

## Identification of Historic Properties - Archaeology

Originally identified as Road No. 8, Road PR-125 was commenced by the Spanish colonial government at the end of the nineteenth century and completed by the American colonial government at the beginning of the twentieth century. It is well known that Road No. 8 suffered great damage during Hurricane San Ciriaco on August 8, 1899. The newspaper "La Democracia" publishes several announcements about the situation that caused the collapse of the bridge over the Guatemala River at kilometer 22 of Road No. 8. "It is indispensable and urgent that as soon as possible a new one be tended, since such a deficiency causes great damage to the neighborhood (La Democracia May 10, 1901).

An announcement published by the Military Government of the United States requiring proposals for the project on November 8, 1999, proved the beginning of the project: Government in Puerto Rico for constructing or reconstructing the road from Moca to San Sebastian.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR	COVERNMENT OF PUEPTO PUCO	
PROGRAM CITY REVITALIZATION PROGRAM (CRP) Section 106 NHPA Effect Determination	DEPARTMENT OF HOUSING	
Subrecipient: Municipality of San Sebastian, PR		
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<b>Project Name:</b> Installation of Solar Lightning and Reconstruction of PR-125, San Sebastian	of Sidewalks State Road	

"Office of the Board of Public Works. San Juan Puerto-Rico-, November 4, 1899. In this office proposals, will be admitted under closed specifications for the construction or reconstruction of the road from Moca to San Sebastián. These proposals will be admitted until noon on November 21, the time fixed for the public opening of the specifications. Each proposal must be presented on the prescribed special form and accompanied either by a cash deposit of \$500 or a check certified by a reputable bank. These deposits shall be returned immediately to all tenderers whose proposals are rejected. The Board reserves the right to reject any or all proposals. The value of this work was estimated between 30 and 40,000 dollars. The necessary reports will be given in this office."

It's known from the reports of the newspaper "La Democracia" that in August 1905, the construction work of the bridge over the Guatemala River and the Quebrada Collazo was already begun (La Democracia, August 2, 1905). In November of that same year Eng. Fernando Montilla was already conducting tests on the bridge over the Guatemala River (La Democracia November 16, 1905). The engineer Montilla also accomplished the budgets to widen the bridges over the Quebrada Salada and the Quebrada Grande located on the route from Moca to San Sebastián (La Democracia November 16, 1905). "It is of very urgent need to build as soon as possible the pontoon on the Cano called Garcia, very close to the Guatemala River" (La Democracia November 16, 1905).

 $<sup>^{1}</sup>$  La Correspondencia, Puerto Rico, November 8, 1999. Page 1.



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Once Road No.8 was finished, a detailed description of the road was made by Lieutenant William H. Amstrong in his cartographic description of the towns and roads of Puerto Rico between 1908 and 1912. Armstrong observed details of Road No. 8 when it was recently built. Among his observations, Amstrong describes the Road as a "military road"." the following aspects of the route from Moca to San Sebastian stand out.

- Km. 21-22. These mountains are low and covered with coffee and trees. Further towards San Sebastián, you pass over three small brick "atarjeas", none of which are important. Then on the south side, the remains of an ancient "atarjea" on a small depression are passed.
- At km. 21.9 Valle de Guatemala. This is the valley of the Guatemala River, planted mostly with cane and coffee in scattered plots.
- Branch and two mills; Near the iron bridge there is a gravel road from the bridge to a mill in the valley, which can be seen from the bridge. It never goes deeper than 3 feet.
- Bridge km. 21.9. The bridge is of iron or steel 65 feet long, 13.2 feet wide, and about 15 feet above the water or riverbed, mounted on stone abutments with brick terminations (Figure 1).
- Trapiche at km. 21.9. These are molasses "trapiches". Both lack modern machinery and only have one motor and capacitors.
- Back on the military road we find the river very shallow, 1 foot and between 15 and 20 feet wide during ordinary season.
- When crossing the San Sebastian Bridge, the road gradually climbs until it reaches the village on the south side of the road there are some very low mountains, but the general slope of the land is down in the direction of the riverbed. If you look north from the bridge, you can see that the Aguadilla Mountain range continues in an easterly direction for several miles...



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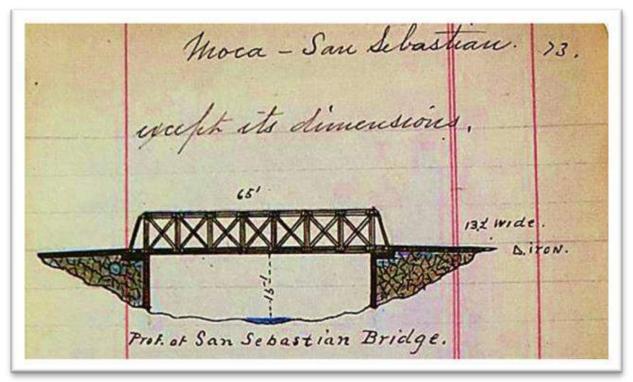


Figure 1: Iron bridge in Road No. 8, km. 21.9, San Sebastian.<sup>2</sup>

- The new military route crosses precisely based on this mountain range, with the mountains on its north side and on a downhill slope on its south side.
- The bluff is about 500 feet or more above the river, and certainly more than 1,000 feet above sea level.
- Coffee grows everywhere at its base. Two small brick "Atarjeas" are crossed a km or less from the village.
- On the north side of the road, 1/3 kilometer from the village, there is the hospital, perched on poles on the mountainside, at a high point above the road (Figure 2).
- This hospital is a new structure that is completely made of wood. It measures 125 feet long and 40 feet wide, a measure that includes the balconies and is nothing more than a large shed with fifteen rooms divided by simple plank walls.

<sup>&</sup>lt;sup>2</sup> Armstrong, William H., The Cartographic Journey of Lieutenant William H. Armstrong, 1908-1912, Vol. 1. Page 275.



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• The place is a disgrace for the people. This disgusting one has no water, toilets, spittoons, cans, paper, or clothes, and the old garbage is thrown under the

building as if it were an ashtray. Little else can be expected from the townspeople, they are as disgusting as the dirty barefoot black woman who oversees the hospital.<sup>3</sup>

• Entrance to San Sebastian. The entrance to the village is made on a brick "atarjea", about 20 feet long, 15 wide with an arch ten feet deep and 5-6 feet wide, in the same style as on page 68 (Figure 3).

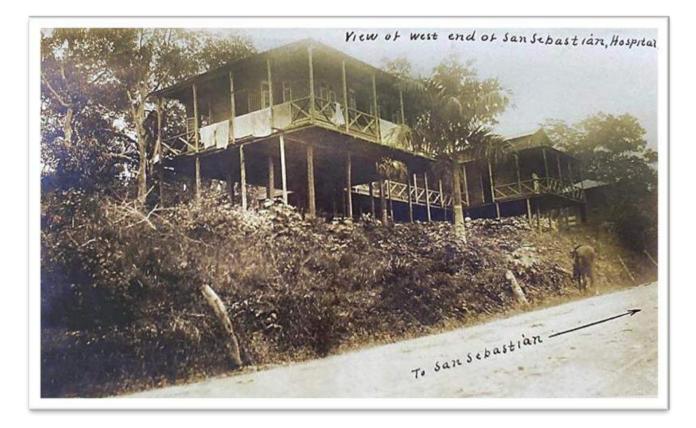


Figure 2: View of the West end of San Sebastian Hospital, 1908-1912.<sup>4</sup>

<sup>&</sup>lt;sup>3</sup> Armstrong, William H., The Cartographic Journey of Lieutenant William H. Armstrong, 1908-1912, Vol. 1. Page 276.

<sup>&</sup>lt;sup>4</sup> Ibid. Page 277.

Figure 3: View of the "atarjea" at the entrance to the village of San Sebastian. 1908-1912.5

Thora to San Sebastian 68. Brick. 65' Long 9.6 wide 18.6 high Hi widthofroad From Kilo 20. after pa The ssing two bridges or culvets like the , the road descends ie north side being Th 1. south, sia hlauled alittle or cane in a hollow south noil whe a large o negios

<sup>&</sup>lt;sup>5</sup> Armstrong, William H., The Cartographic Journey of Lieutenant William H. Armstrong, 1908-1912, Vol. 1. Page 273.



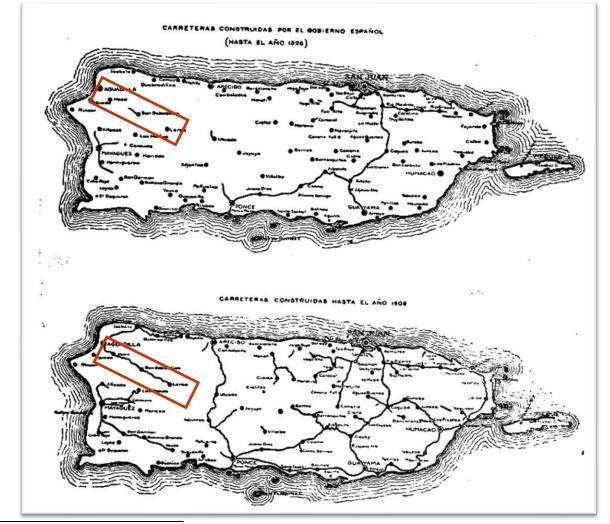
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Maps from 1899 and 1908 show that Road No.8 was established between 1898 and 1908.6 The current PR-125 was the old Road No. 8 route that went from Lares to Aguadilla through San Sebastián and Moca municipalities (Figure 4). In 1953, the Department of Transportation and Public Works (DTOP) of Puerto Rico implemented a new numbering of its island roads (Figures 5 and 6). "Prior to 1953, routes were numbered in the range of 1 to just over 100 and randomly distributed across the island, making several roads lengthy."7

Figure 4: Roads built by the Spanish government until 1898 and roads built by the U.S. government by 1908.8



<sup>6</sup> Revista de Obras Publicas de Puerto Rico, March 1928.

<sup>7</sup> Revista de Obras Publicas Colección Puertorriqueña UPR RP. 1929.

<sup>8</sup> Las Carreteras de Puerto Rico Comparadas con las de los Estados Unidos\* Por ' Ramón Gandía Córdova. Revista de Obras Publicas de Puerto Rico, March 1928. Page 1546.



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Figure 5: Section of Porto Rico Roads Map, 1915.9 Road No. 8 is clearly observed.

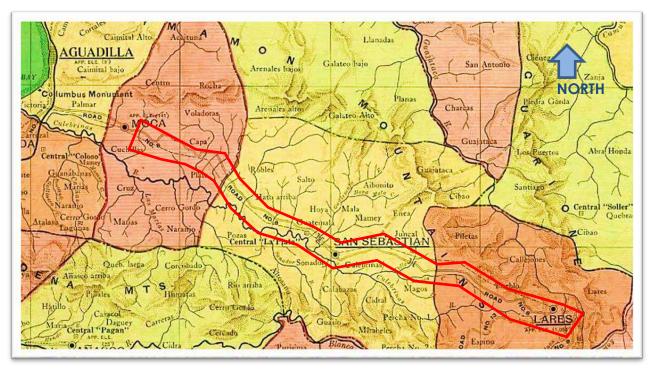
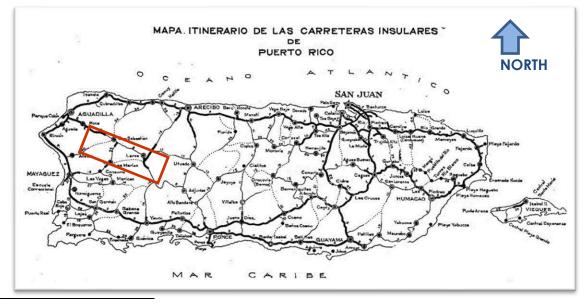


Figure 6: Section of Roads of Puerto Rico in 1928.10



<sup>9</sup> Ibid.

<sup>10</sup> Ibid.

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An important article by historian Dr. Helen Santiago on the history of Road No. 8, points out the following aspects that describe the construction process of the road and shows the various stages of its development as the main road to and from San Sebastian to the port of Aguadilla.<sup>11</sup> For a better understanding of the Road No.8 evolution, sections of her wonderful article are reproduced next.

"Twenty years after the founding of Pepino, the road to Aguadilla had as an intermediate point the town of Moca. San Sebastián was founded in 1752 and Moca in 1772. But the Pepinianos undertook the journey, not to go to Moca, but to reach Aguadilla. Moca was invisible to the pepinianos. The road was never called the road to Moca, as it was said with the other roads that led to adjacent towns, such as the road to Añasco, to Camuy, to Lares. During the nineteenth century and much of the twentieth century, it was called the Aguadilla Road. As the road started from the very center of town, the street that formed from it was also known as Aguadilla Street. Although the street was baptized Ramón Emeterio Betances in 1903, the custom of calling it Aguadilla Street persisted.

Road No.8, from Aguadilla to Lares, was one of the three so-called secondary roads. The other two were from Arecibo to Ponce (barely open at its ends) and from Caguas to Humacao. The primary roads were from San Juan to Ponce, also called Central, and the coastal or coast. Of the entire road system, the only one that was affirmed with stone or gravel was the Central (it took twenty hours to travel from San Juan to Ponce). These roads were called roads because they were wide enough for carts to travel through them.

Naturally, it was on this road that the greatest number of resources were invested. The first bridge built in 1830 was on this route, over the Guatemala River. At some point later one was built of iron and masonry. Knowing firsthand the cost paid by a farmer to bring his fruits to Aguadilla, among the issues he dealt with, Juan Hernández Arbizu, when he was elected deputy to the constituent courts, was the nightmare of the roads.<sup>12</sup> The cost of bringing a quintal of coffee from Lares and San Sebastián to Aguadilla fluctuated between 12 and 17 "reales". Considering that the daily wage of a day laborer was two "reales" a day, transporting the quintal of coffee was like assigning to each sack of coffee the work of six or eight-day laborers. (When the Puerto Rican currency changed to the dollar in 1899, it was common for the so-called American "peseta" to be assigned the value of two "reales").

<sup>&</sup>lt;sup>11</sup> Santiago, Helen, San Sebastian de las Vegas del Pepino: historia de una ciudad grande. La Vía Hacia Aguadilla, Editorial Panamericana: San Juan, 2016. Pages. 125-127.

<sup>&</sup>lt;sup>12</sup> Hernández Arbizu, Memorias, p.30



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According to the testimony of a neighbor, collected by the newspaper El Boletín Mercantil, the state of the road from Moca to Aguadilla was so bad that traveling was a matter of life or death. When "on one occasion this road was reformed, in one of the great potholes parts, the skeleton of a horse, that in the past had disappeared was found there. To fill this terrifying place 156 stone carts were needed".

In 1879 Severiano Cabrero proposed to ask the governor to authorize the use of forced labor to repair the bridge. Among all the councilors of the municipality, the only one who opposed such a measure was the teacher Vicente Viña. The bridge survived until it collapsed with the huge flood of San Ciriaco in 1899. The ordeal of having to travel more frequently on the road and with an increasing volume of coffee forced us to remedy at least the emergencies, such as the repair of the bridge that the current of the "El Salto" ravine<sup>13</sup> dragged or filling an underground cave. The four municipalities affected by Road No. 8—Aguadilla, Moca, San Sebastian, and Lares—joined forces in 1880. San Sebastian contributed 3,000 pesos to ensure that at least transportation did not stop. Based on the budget of two years earlier, San Sebastian's special contribution represented 17% of its budget of 17,500 pesos.

Faced with the reality that its main road would not receive any attention from the government, in 1887 the municipality of San Sebastián made two decisions of singular importance. He resolved to directly tender to the Spanish government "the seizure by the State of the provincial Road No. 8 from Aguadilla to Lares" and contributed 800 pesos to the project of a group of merchants from Mayagüez to build a railroad from Añasco to Lares, following the centennial route of the Rio Grande (still known in San Sebastian as the Guacio River). Since 1885 the municipality of Mayagüez had begun the negotiations for the construction of a railroad that would finally materialize its long ambition to reach the mountainous interior and snatch that market from Aguadilla. The first step towards that goal was to request authorization from the government "to agree on the means of carrying out the idea with the association of the interested municipalities through their respective delegates." By the time San Sebastian contributed the 800 pesos, the association or consortium already existed. The neighborhood and rural roads were in no better condition than the Aguadilla Road.

<sup>&</sup>lt;sup>13</sup> Ravine-A small, narrow, steep-sided valley larger than a gully and smaller than a canyon usually worn by running water.



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## The roads... to coffee or to sugarcane?

One of the factors that placed San Sebastián in advantageous conditions to produce sugar was the rapid transportation to the port of Aguadilla. The only road in the territory of San Sebastián that was worked on as part of the government's plan in the first decades of the 20th century was the one that left Aguadilla, passed through Moca and San Sebastián, and reached Lares. For the first time, the road was "affirmed" with gravel (which in San Sebastián was known as "cascajo"). The asphalt of this road was probably made in the early '20s.<sup>14</sup> The drag trucks made transportation cheaper for the Central Plata and the mills built by the local owners. Of the 40 public service vehicles registered in 1925, 15 of them were trucks.<sup>15</sup>

Andrés Méndez Liciaga, who replaced Francisco Roig as the delegate of San Sebastián in the Chamber, worked tirelessly in favor of the road to Las Marías. When work was already being done on the highway, the municipal council asked the government to divert the road to the neighborhoods of Perchas and Mirabales as much as possible because "these coffee neighborhoods are of greater production than those facing west and are more distant from both populations."<sup>16</sup> The municipality contributed \$500 to the repair of the bridge over the Culebrinas.<sup>17</sup> Still in 1924, the affirmation of the road to Las Marías had not concluded.<sup>18</sup> By that time, the cane was already being driven through it to Central La Plata."<sup>19</sup>

It was after 1953 that Road No. 8 was identified as PR-125 by the Department of Transportation and Public Works (DTOP) of Puerto Rico. The development process of the town of San Sebastian has produced the occupation of the immediate sector to the road with shops and private homes. In the project APE segment, PR-125 preserves one historic culvert, "atarjea" at Road #125, Culvert #002331, 1917, (Photograph 04), over Guatemala River and, one historic Bride #002341, 1940, (Photograph 11). Road PR-125 also leads to Central La Plata. Central la Plata was the main source of employment and economic activity in the San Sebastian region during the twentieth century. Road PR-125 remains the main access to the industrial complex Central La Plata.

<sup>&</sup>lt;sup>14</sup> AMSS, Book 1, 24/May/1903: p. 45; AMSS, book 1, 8/Feb./1903: 14; AMSS, book 3/2, 31/Dec./1904: 30; AMSS, book 4/4, Feb. 20, 1924: 332.

<sup>&</sup>lt;sup>15</sup> Méndez, Boceto, p. 223.

<sup>&</sup>lt;sup>16</sup> AMSS, Book 7/10 [1918-1919], 31/July/1919, page. 128.

<sup>&</sup>lt;sup>17</sup> AMSS, Book 7/10 [1918-1919], 28/Feb./1919, page. 74.

<sup>&</sup>lt;sup>18</sup> Mendez, Sketch, page. 223.

<sup>&</sup>lt;sup>19</sup> Santiago, Helen, San Sebastian de las Vegas del Pepino: historia de una ciudad grande. La Vía Hacia Aguadilla, Editorial Panamericana: San Juan, 2016. Pages. 125-127.



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The Old Municipal Cemetery of San Sebastián del Pepino, located on Calle Segundo Ruíz Belvis, began its functions in 1826 and was completed in 1863. Due to its great historical and architectural value, through Law 158 of August 9, 2016, it is declared a historic site and is included in the Registry of Historic Sites and Zones of Puerto Rico. According to the Planning Board of Puerto Rico (JP), it has a surface area of 10073.9225 square meters, which is equivalent to one hectare.

Its important funerary architecture has been described by Architect Mildred González Valentín, who works in the Western Historical Heritage Division of the Institute of Puerto Rican Culture, as follows:

"The small cemetery has a narrow street of main circulation located in the center of the lot which covers the entire length of it and has on both sides a planting of yellow and red "crotos" that emphasize circulation. On each side are distributed a series of pantheons, tombs, and niches. In 1915 it was built under the administration of Mayor Manuel Rivera Negroni, a chapel in the center of the cemetery. This is a one-story rectangular building with reinforced concrete exterior walls and wooden interiors with two departments, one for the autopsy room and one for the mortuary. Its asymmetrical façade was designed in a simple neoclassical style and is characterized by using pilasters, recarving, and cornice with parapet. Behind its high walls and neoclassical portico, it preserves a special enclosure that also speaks to us, through its tombs, pantheons, niches, and sculptures of a part of the history of San Sebastián". Its front gate is a masonry wall, it was built in 1863.

This cemetery has great architectural value since it reflects styles of the 19th century and reflects in a certain way, the lifestyle of the settlers of that time. There are people who contributed in various ways to the socioeconomic and cultural development of the municipality and the country in general, as well as some of its illustrious personalities. Generations of families, distinguished characters, religion, and social classes, among others, are aspects that can be recognized through its funerary architecture, and other arts related to sculpture. On this aspect and the importance of its conservation, we quote the opinion of Dr. Helen Santiago Méndez, historian, embodied in the Law that declares it a historic place:

"To preserve the old cemetery is to preserve the memory of the social and economic reality of a people in the interior of the island, where the late economic development -with respect to the sugar coast-, based on the coffee industry, allowed it to join the march of "civilization" and "culture". In each of its pantheons can be identified the families that benefited most from the golden age of coffee in Puerto Rico (1870-1898) and whose surnames were still recognized by the population a century later. Most of those families can trace their ancestry to the arrival of a Spaniard in the village in the 19th century."



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Its walls keep the historical memory of the pepinianos, guarding the place where the remains of distinguished personalities of the arts, culture, and other disciplines that impact the evolution of pepinianos society such as Don Andrés Méndez Liciaga (first pepinianos historian and father of Manuel Méndez Ballester), Narciso Rabell Cabrero (mayor of San Sebastián), Cecilio Echandia and Severo Arana among others.

At present, there is great interest in visiting and getting to know this cemetery. Entities such as the Puerto Rican Genealogy Society, historians, and scholars of its family history with roots in El Pepino, who reside in different parts of the United States and Puerto Rico, wait to visit it. The Cultural Center works together with a group called Sociedad Protectora Antiguo Cementerio Municipal del Pepino, chaired by Gladys Rodríguez, and whose purpose is to rescue and restore its facilities. As a curious fact, in one of the writings of Dr. Mari Mut, "A Look at the municipal cemeteries of the 19th Century", during this investigative work, Mr. Ángel Nieves Rivera identified the oldest tombstone in the old cemetery of San Sebastián.<sup>20</sup>

<sup>&</sup>lt;sup>20</sup> http://www.kooltouractiva.com/kooltouractiva/tour/tour-istiando/643-antiguo-cementeriomunicipal-de-san-sebastian-del-pepino.html

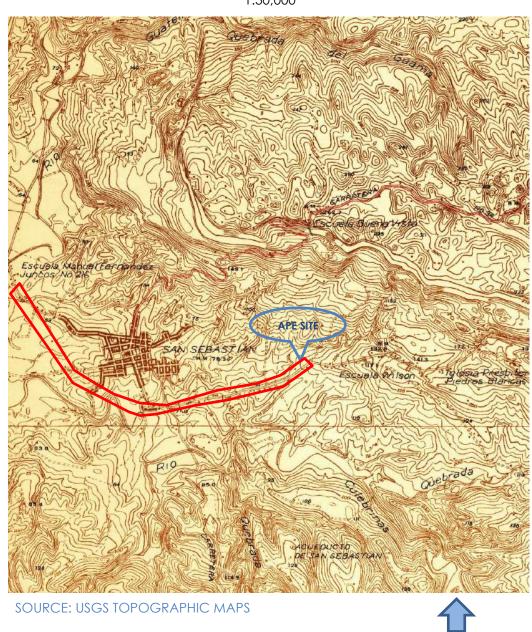


NORTH

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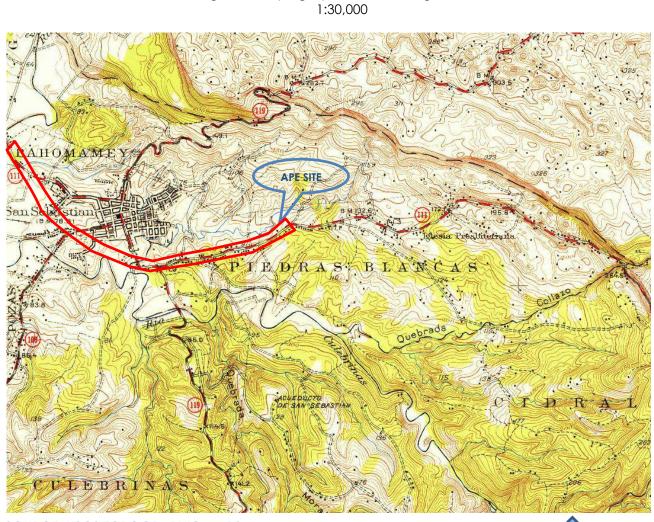
## Figure 7: Topographic Quadrangle 1938. 1:30,000



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Figure 8: Topographic Quadrangle 1941.



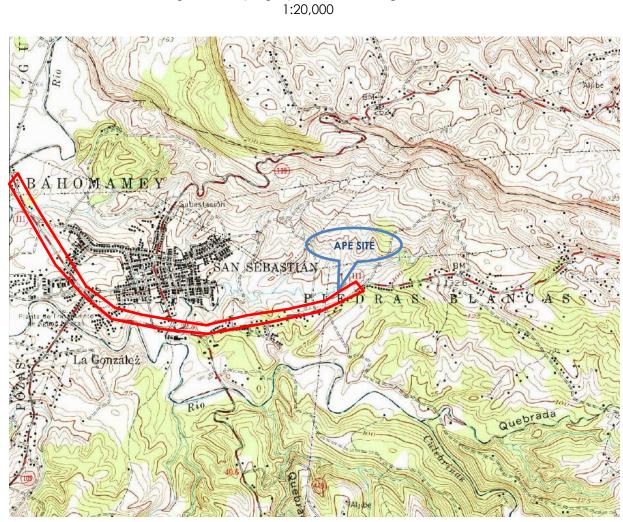
SOURCE: USGS TOPOGRAPHIC MAPS



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Figure 9: Topographic Quadrangle 1958.

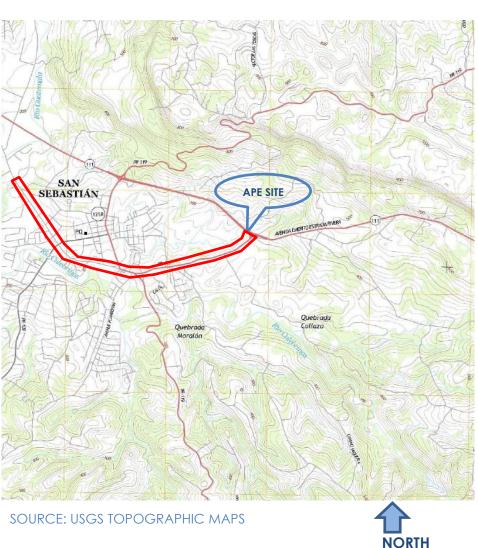


SOURCE: USGS TOPOGRAPHIC MAPS





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**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

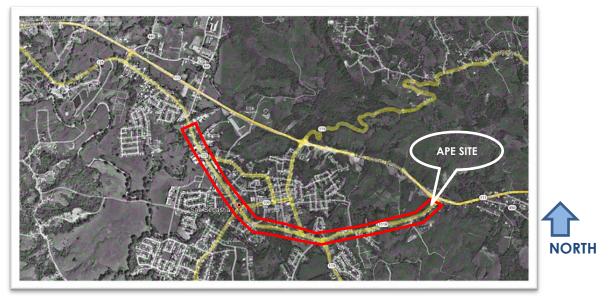
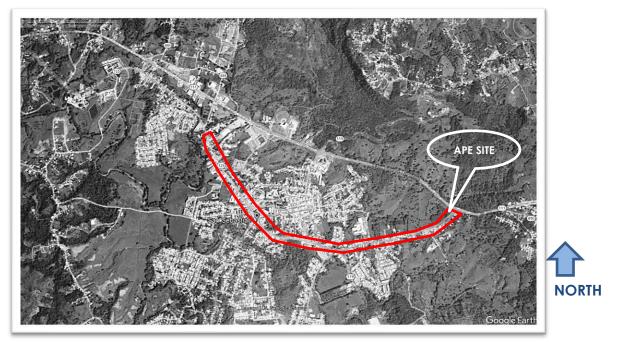


Figure 11: Aerial photograph, 1993.

SOURCE: GOGGLE MAPS





SOURCE: GOGGLE MAPS

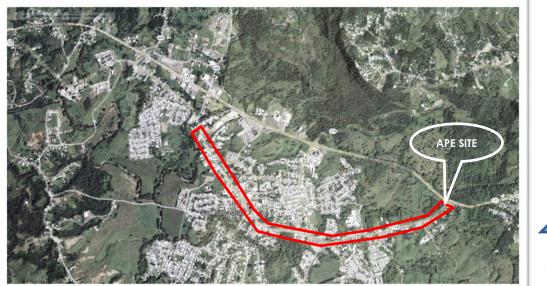


Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

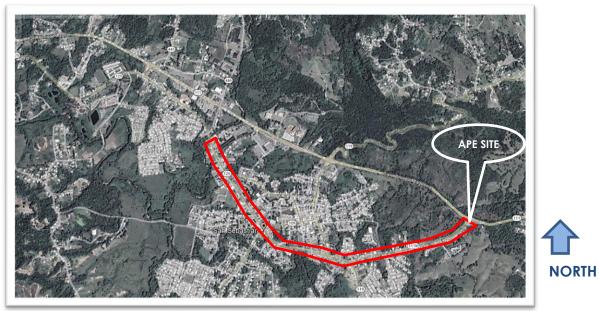
Figure 8: Aerial photograph, 2018.



NORTH

SOURCE: GOGGLE MAPS





SOURCE: GOGGLE MAPS



Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

#### Analysis of quadrangles and aerial photos

In the Topographic Quadrangle of 1938, the road is observed going across to the town of San Sebastian from the South direction and leaving the town of San Sebastian by the Northwest. In the Quadrangle of 1941, the section of the road that enters, crosses, and leaves San Sebastian by the Northwest is designated PR-111.

In the quadrangle of 1958, it is clearly observed that the bypass of the road on the South side of San Sebastian town was already built. The road is identified in the quadrangle as PR-111. This bypass section was not part of the original Road No. 8.

In the aerial photograph of 1993, the section of Highway 111 that accesses the town of San Sebastian is renamed 111R, and the section continues to the Northwest direction towards the Bahomamey Ward was named PR-125.



Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

#### San Sebastian Identify Archaeological Resources near the PR-125

#### Old Municipal Cemetery of San Sebastian, historical memory of the pepinianos<sup>21</sup>

Declared Historical Site the **Old Cemetery of San Sebastian by Law No.158 (JP/ICP) and SHPO SS0200009, of the year 2016.** According to various investigations, very little information has been found about the beginning of the civil cemetery in the town of San Sebastian. The chronologist and poet Ramón Luis Cardé realizes that by 1826 there was a cemetery in the town fenced with wood, but, apparently, its place of location was not suitable or became obsolete. It was moved to the town center in 1826 under the administration of Mr. Nicolás Nogues. Don Andrés Méndez Liciaga informs us in his Historical Sketch of the El Pepino that the current civil cemetery was built in 1863 after the sanitary law of 1855 and the termination of cholera in 1856. He oversaw the work of the auctioneer, Don Rafael Salguero.



Figure 10: Main entrance of the historic cemetery of San Sebastian.

<sup>&</sup>lt;sup>21</sup> http://www.kooltouractiva.com/kooltouractiva/tour/tour-istiando/643-antiguo-cementeriomunicipal-de-san-sebastian-del-pepino.html



Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

Five important archaeological resources are identified in the vicinity of the project. These are SHPO SS0200002, SHPO SS0200004, SHPO SS0200009, and SHPO SS0200011.

SHPO: SS0200002 (Central La Plata) Guatemala Ward- Sugar mill established under the chairmanship of Mr. Georgetti. It became the main one established in the interior of the island. It is in the Guatemala neighborhood, PR-1 highway25 km 18.6. Central La Plata belongs to the historical period, 20th century (1910). Composed of the materials of the Old Central Pozuela (Barceloneta), which were dismantled and moved to the town of San Sebastian where they were assembled again to make way for this, Central La Plata, its structure is composed of steel and zinc measures 100 feet by 300 feet with a height of 80 feet. It is currently the only one that retains its metal chimney. Industrial archaeologist Luis Pumarada documented it in 1977 and included it in the Historical Inventory of Engineering and Industries of Puerto Rico. Central La Plata: 2,289 meters, 1.422318 miles from Project APE to the Northwest direction.

SHPO SS0200004 (Hacienda la Fe) Bahomamey Ward- This old Hacienda was in operation until the late 30s. It is located 0.1 km north of the detour to the PR-111 highway. It belongs to the historical period, 19th, and 20th century (1880). It belonged to the Echandia Family. Two-level structure built in wood and covered with zinc with gabled roof and concrete floor. A few meters from the structure were the ruins of the Jamaican train, with what seems to be the only still burner left on the island. In addition to being a sugar hacienda, they also processed corn, coffee, and beverages. It had an oxen mill which was replaced entering the 20th century by a steam tandem that had a shredder and 2 mills in series. Coffee pulping machinery with wood roll, placed on washing tanks, a corn millstone measuring 30 inches in diameter and a boiler 10 feet x 4 feet with its own stove and metal fireplace. All the machinery occupied the first level of the structure. The industrial archaeologist Luis Pumarada included it in the Historical Inventory of Engineering and Industry of Puerto Rico in 1978. Hacienda La FE: 1,457 meters, 0.9053378 miles from the Project APE to the North Direction.

SHPO SS0200009, Antiguo Cementerio: 0.00 miles from Project APE to the East direction.

**SHPO SS0200011- (Antigua Vía del Tren) Guatemala Ward:** 1,800 meters, 1.118468 miles from Project APE to the Northwest direction.

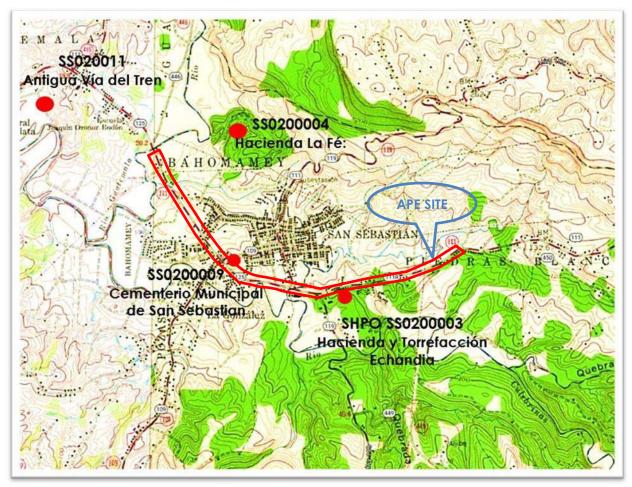
SHPO SS0200003: Hacienda y Torrefacción Echandia: 336.6 meters 0.20915354 miles to the East direction of the Project APE.

ANDRÉS M. LUCIAGA RESIDENTIAL HOUSING PROJECT, (NRHP ELIGIBLE): 0.00 miles from Project APE to the West direction.

None of these cultural resources will be affected by the development of the proposed project. The project consists of improvements aimed at the Installation of Solar Lightning and Reconstruction of Sidewalks in State Road PR-125 (Figure 13).

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR	
PROGRAM CITY REVITALIZATION PROGRAM (CRP)	GOVERNMENT OF PUERTO RICO
Section 106 NHPA Effect Determination	, f
Subrecipient: Municipality of San Sebastian, PR	
Program ID Number: PR-CRP-000342	
<b>Project Name:</b> Installation of Solar Lightning and Reconstruct PR-125, San Sebastian	ion of Sidewalks State Road

Figure 11: USGS Topographic map showing the Archaeological Studies near the project APE.



SOURCE: USGS TOPOGRAPHIC MAPS





Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

#### Table 1: Archaeological studies carried out in the vicinity of the project.

Project Name	Phase	Archaeologist	Results	Comments	Distance to APE
1. Desarrollo Majel Inc./1995	Phase IB	Jose E. Irizarry	Positive Prehistoric	Taller de extracción de pedernal. Scarce material	0.49 Miles (782 Mts)
2. San Antonio de La Plata Urb./2006	Phase IB	Jesús Figueroa	Positive	Recommends Archaeological Monitory	0.23 Miles (371 Mts)
3. Urb. San Carmelo de La Plata/2008	Phase IA/IB	Jesús Figueroa	Positive	Recommends Archaeological Monitory	0.26 Miles (417 Mts)

The project area consists of a stretch of **3.10 Kms** of the PR-125 road. The section starts at **Km. 18.0** and ends at **Km. 21.1**. Five archaeological studies are reported in this sector of San Sebastian. One of the positive studies "Development Majel Inc." carried out in 1995 by Archaeologist José E. Irizarry, reports flint material, in low frequency, related to a small flint extraction workshop in this area. The second positive archaeological study was conducted in 1986, South of PR-111R, the archaeologist reports fragments of historical ceramics on the surface and recommends Phase IB. None of these three positive studies were recommended for an archaeological Phase II (Figure 12).

Based on historical research, we understand that the sections of PR-125 that correspond to the old Road No. 8 are eligible for the NRHP based on their historical importance as the main communication route of the municipalities of Lares, San Sebastian, and Moca with the Port of Aguadilla, and based on its antiquity. As reflected in the significant analysis of Road No. 8 by historian Dr. Helen Santiago published in "San Sebastian de Las Vegas del Pepino: History of a Large City. La Vía Hacia Aguadilla", Editorial Panamericano: San Juan, 2016.



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**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

Road No. 8 was commenced by the Spanish colonial government at the end of the nineteenth century and completed by the American colonial government at the beginning of the twentieth century, as a military road. It was the main trade and transportation road of the coffee zone of Lares-San Sebastian-Moca during the period of the coffee expansion in Puerto Rico. Road No 8 was also the main transportation and trade route with Central La Plata, the sugar colossus of the San Sebastian region during the important period of sugar expansion in the first half of the twentieth century. Dr. Santiago's research confirms the great importance of this communication route connecting the agricultural zone of central West Puerto Rico with the Port of Aguadilla.

The archeological importance of the Road PR-125 is limited to the colonial culverts #002331 (1917), and the existing bridge #002341 (1940), remnants. None of these cultural resources will be affected by the proposed project.

The Road PR-125 is between moderate and low archeological sensitivity, except for the historic culverts and the bridges remnants that exists in its path. We are not recommending that archeological monitory been taken place, neither additional archeological study during the execution of the improvement project.



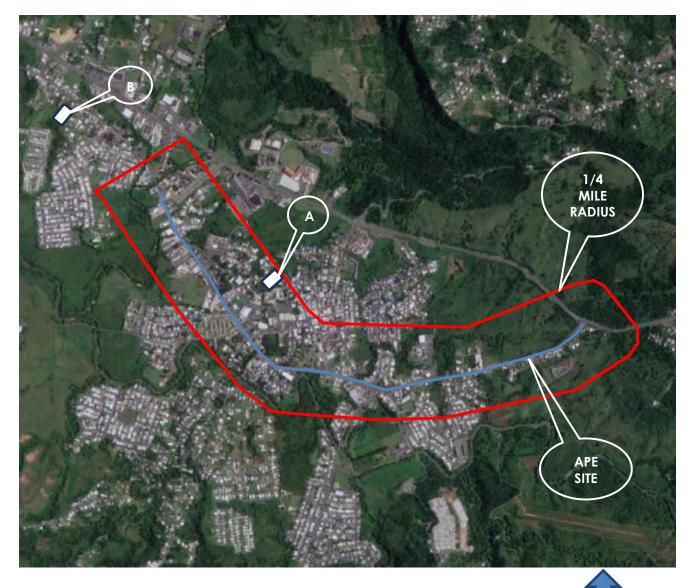
NORTH

Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

Figure 12: Project APE with positive archeological studies identified within 0.25 Radius.



#### Legend

- A. Phase 1B/1995- José E. Irizarry, Positive to flint fragments (Low Frequency).
- B. Phase 1A/1B/2006- Jesús Figueroa, Positive to historic ceramics, (Outside the APE, .25 Mile Radius)

SOURCE: GOOGLE MAPS



Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

Project Name: Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

#### Identification of Historic Properties - Architecture

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area is not within the boundaries of the San Sebastian Traditional Urban center, however it is adjacent to the eligible Andrés M. Luciaga Housing Project.

With the U.S. invasion to Puerto Rico in 1898, members of the ruling class in San Sebastian experienced revenge, terror, assault, and torture by pro-American political groups name "Partidas Sediciosas". The ruin of the local haciendas was also reinforced by the devaluation of the Spanish peso by 40%.<sup>22</sup> The sugar production industry evolves in the twentieth century towards the system of Centrales.

In San Sebastian a sugar mill was established in the early twentieth century. Central La Plata was founded by the La Plata Sugar Company, a corporation created in 1910 by a group of Puerto Rican businessmen. The Central La Plata dominated the economy and the life of the "pepinianos" until its closure in 1996. The history of PR-125 is linked to the development of the Central La Plata, founded in 1910 in the Guatemala neighborhood of San Sebastian. The land surrounding the plant belonged to the Central La Plata and the settlers "colonos" of the Central. Residents of the Guatemala neighborhood and surrounding areas were the families of workers of the Central la Plata. The PR-125 (Formally Road #8). This road has more than 100 years of construction and is associated with the history of Central La Plata and the principal route to Aguadilla's port.

<sup>&</sup>lt;sup>22</sup> https://ssdelpepino.com/etapas-en-la-fundacion-del-pepino/



Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

Known eligible, listed and registered historic properties near the APE at San Sebastian, Puerto Rico

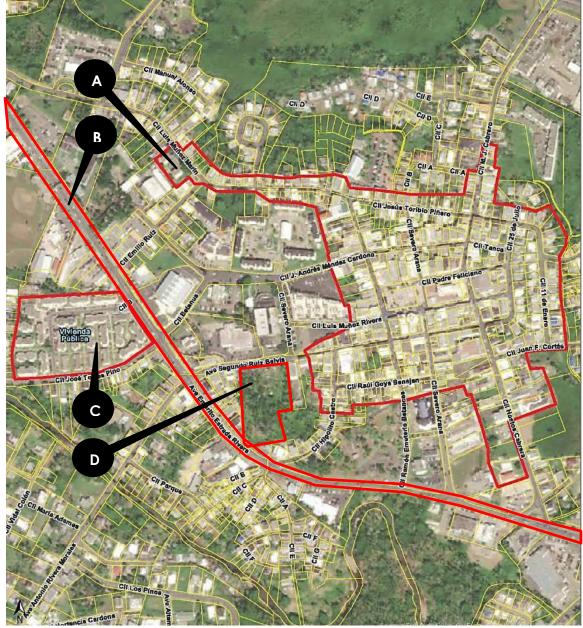
- A. CATHOLIC CHURCH SAN SEBASTIAN MARTIR, 2000-(RC)-22-JP-SH, 0.22 MILES FROM APE, (18.336795, -66.990366)
- B. MUSEUM DOÑA BISA RESIDENCE (RODRIGUEZ RABELL RESIDENCE), 0.18 MILE FROM APE, (18.336319, -66.991058)
- C. TOWN'S HALL (ACADEMIA SANTA RITA), 0.23 MILES FROM APE, 18.337062, -66.991358
- D. TRADITIONAL URBAN SQUARE, .021 MILES FROM APE, (18.336681, -66.991195)
- E. SAN SEBASTIAN HOTEL, 0.21 MILE FROM APE, (18.336444, -66.991652)
- F. MUSEO DE LA HAMACA, 0.12 MILE FROM APE, (18.335002, -66.989291)
- G. NARCISO RABELL CABRERO SCHOOL, 0.113 MILE FROM APE, 18.338709, -66.994892
- H. ANDRÉS M. LUCIAGA HOUSING PROJECT, 0.063 MILE FROM APE, (18.336041, -66.996135)
- I. ECHEANIA RESIDENCE, 0.036 MILE FROM APE, (18.333921, -66.989506)



Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

Figure 13: Historic cultural resources near to the project APE.



#### LEGEND

- A. SAN SEBASTIAN TRADITIONAL URBAN CENTER (BOUNDARIES).
- B. APE SITE, (PARTIAL).
- C. ANDRÉS M. LUCIAGA RESIDENTIAL HOUSING PROJECT, (NRHP ELIGIBLE).
- D. HISTORIC MUNICIPAL CEMENTARY, (REGISTERED SITE).





Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

#### Determination

The following historic properties have been identified within the APE:

- Direct Effect: The historic properties or cultural resource have been identified within the proposed project APE. The Road PR-125, itself can be considered eligible with the historic culvert © 1917, and the historic bridge © 1940 on the same road, and the Residential Housing Andrés M. Luciaga considered eligible within the visual/indirect APE.
- Indirect Effect: No indirect negative effect has been identified on a cultural/historic/architectural or archaeological resource.

Based on the results of our historic property identification efforts, the Program has determined that project actions will not affect historic properties in the Area of Potential Effect. The project consists of improvements aimed at the installation of solar lightning fixtures and reconstruction of sidewalks in State Road PR-125. The project is not expected to have a new impact, because its area of direct impact (APE) is the road and right of way of PR-125.



Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

#### Recommendation (Please keep on same page as SHPO Staff Section)

The Puerto Rico Department of Housing requests that the Puerto Rico SHPO concur that the following determination is appropriate for the undertaking (Choose One):

□ No Historic Properties Affected

X No Adverse Effect

Conditions (if applicable):

□ Adverse Effect Proposed Resolution (if appliable)

#### This Section is to be Completed by SHPO Staff Only

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



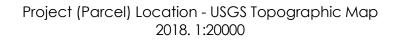
Program ID Number: PR-CRP-000342

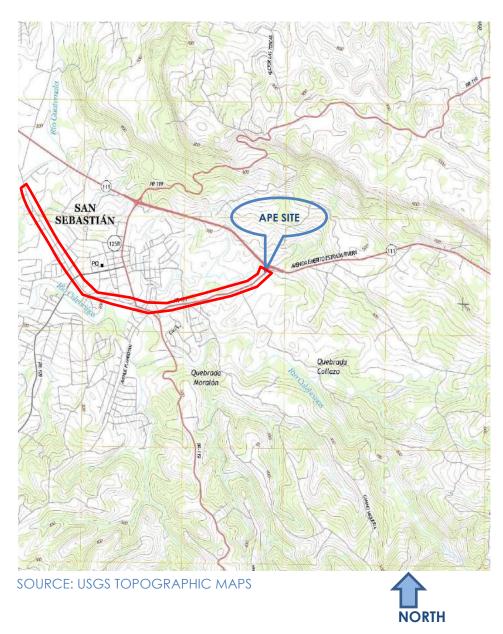
**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

# Project (Parcel) Location - Aerial Map APE SITE **NORTH**



Program ID Number: PR-CRP-000342



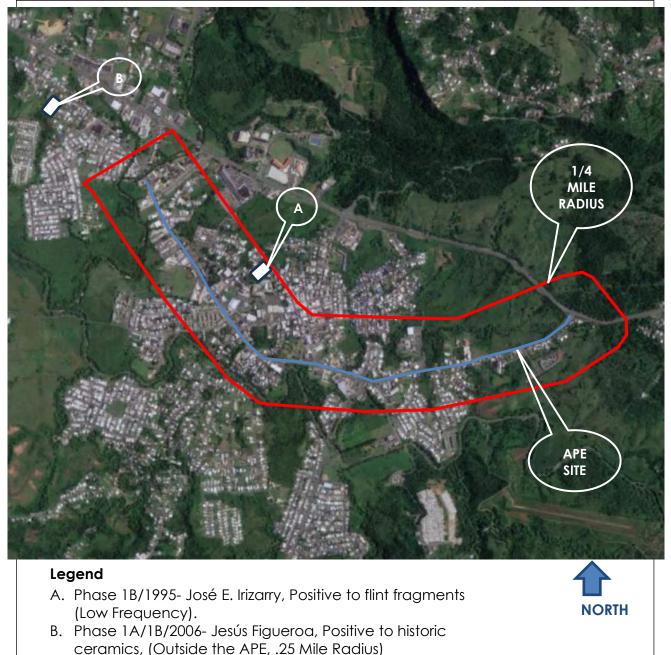




Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

#### Project (Parcel) Location with Previous Investigations - Aerial Map

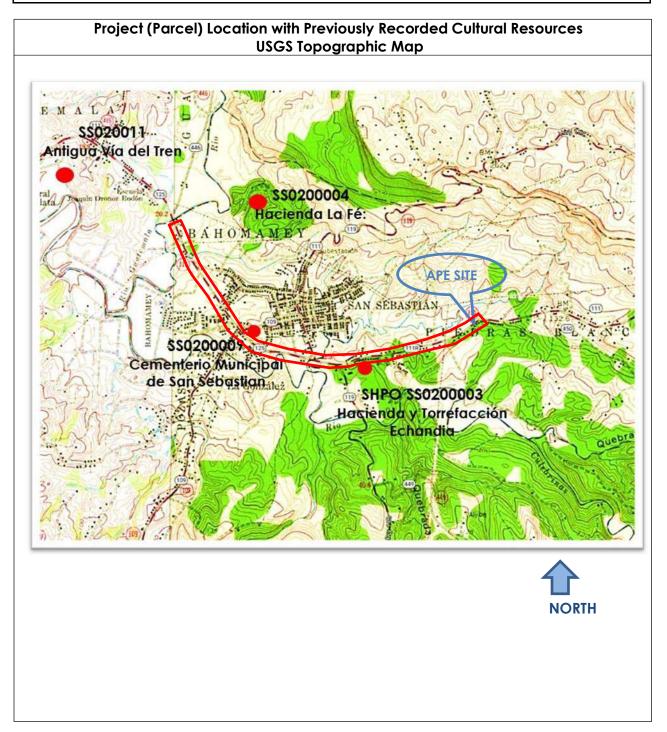


SOURCE: GOOGLE MAPS; 2023



Subrecipient: Municipality of San Sebastian, PR

Program ID Number: PR-CRP-000342

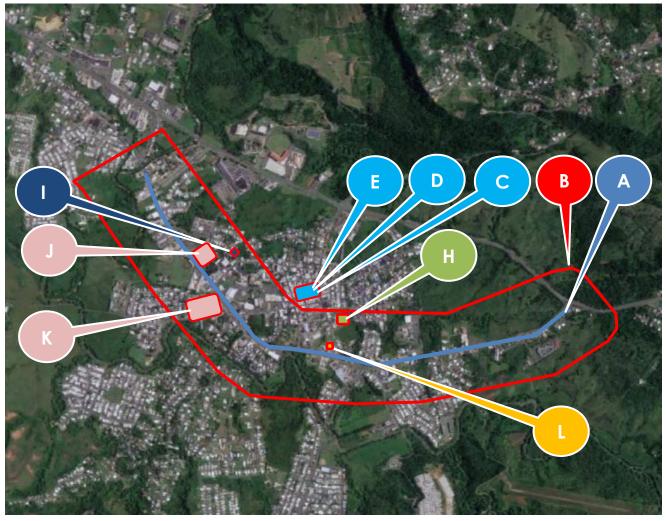




#### Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

#### Project (Parcel) Location - Aerial Map



#### LEGEND OF HISTORIC PROPERTIES NEAR THE APE WITH COORDINATES- (LAT & LON)

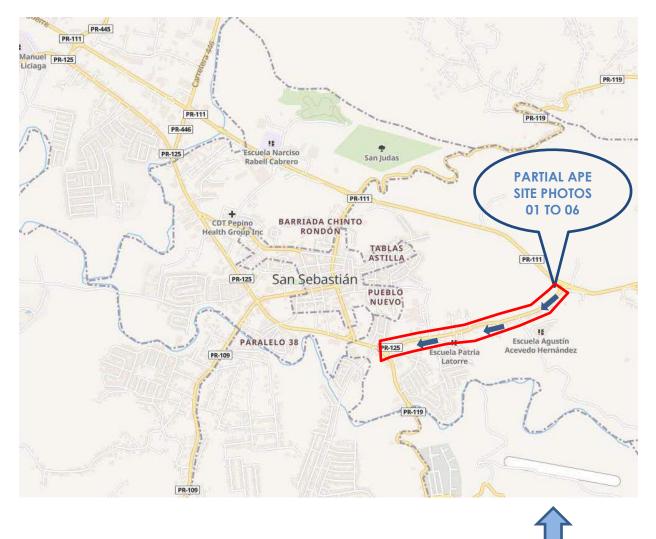
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- K. ANDRÉS M. LUCIAGA HOUSING PROJECT, 0.063 MILE FROM APE, (18.336041, -66.996135)
   L. ECHEANIA RESIDENCE, 0.036 MILE FROM APE, (18.333921, -66.989506)
- source: google maps





Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian



Photograph Key

**NORTH** 

SOURCE: GOOGLE MAPS

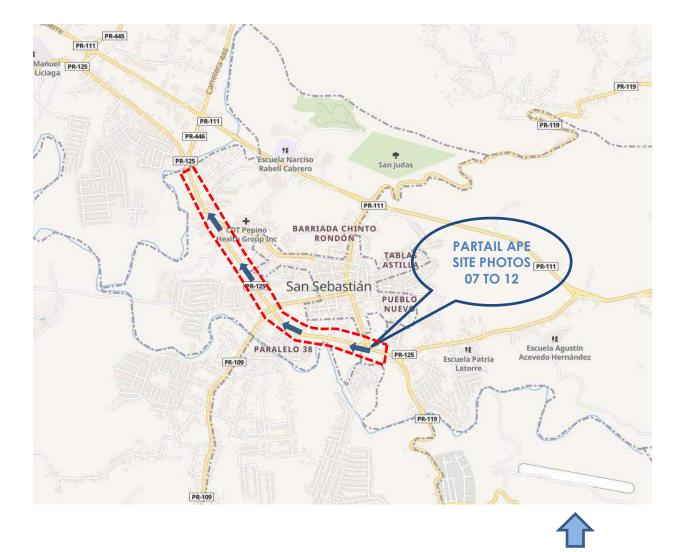


NORTH

Subrecipient: Municipality of San Sebastian, PR

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**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian

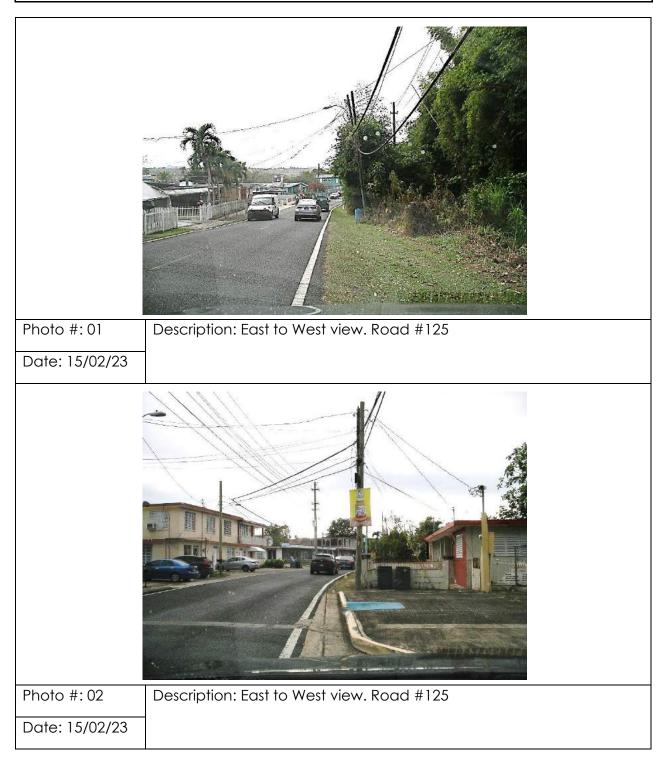


#### Photograph Key

SOURCE: GOOGLE MAPS

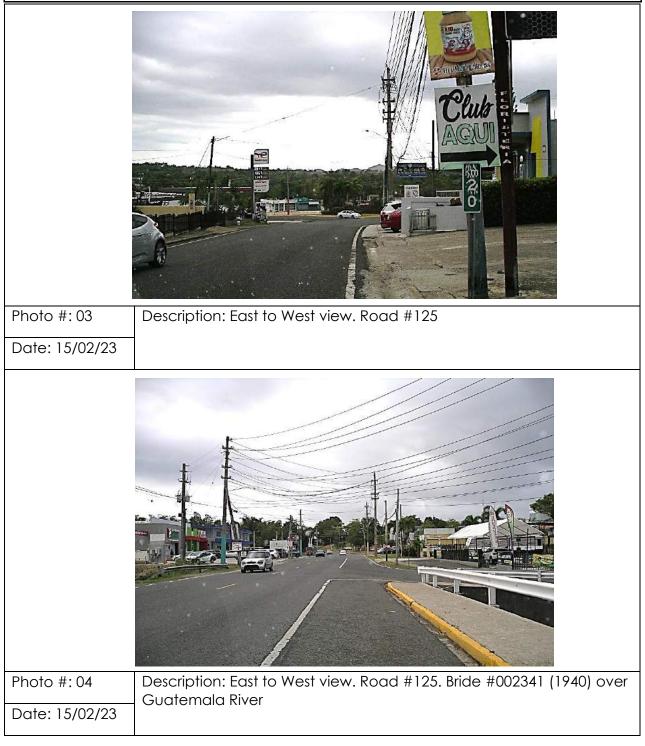


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#### Program ID Number: PR-CRP-000342





#### Program ID Number: PR-CRP-000342

**Project Name:** Installation of Solar Lightning and Reconstruction of Sidewalks State Road PR-125, San Sebastian



Photo #:09

Description: East to West towards North view. Road #125

#### Date: 15/02/23





#### Program ID Number: PR-CRP-000342

TR 120, 00110000	
Photo #: 11	Description: East to West view. Road #125. Culvert #002331 (1917)
	over Guatemala River
Date: 15/02/23	
Photo #: 12	Description: South to North view. Road #125
1	
Date: 15/02/23	

# SOLAR LIGHTING AND RECONSTRUCTION OF SIDEWALKS EMERITO ESTRADA RIVERA AVENUE (PR-125)

## SAN SEBASTIAN

# 100% DESIGN DRAWINGS

2

#### INDEX

SHEET	DESCRIPTION:
GENERAL PLA	NS
T000	TITTLE SHEET INDEX, LOCATION MAP, FLOOD MAP & CALIFICATION
C001	GENERAL SITE PLAN
CIVIL PLANS	
C100	LAYOUT PLAN
C101	LAYOUT PLAN
C102	LAYOUT PLAN
C103	LAYOUT PLAN
C104	LAYOUT PLAN
C105	LAYOUT PLAN
C106	LAYOUT PLAN
C107	LAYOUT PLAN
C108	LAYOUT PLAN
C109	LAYOUT PLAN
C110	LAYOUT PLAN
C111	LAYOUT PLAN
C480	EROSION AND SEDIMENTATION CONTROL PLAN
C490	EROSION AND SEDIMENTATION CONTROL DETAILS
C700	TYPICAL SECTIONS AND DETAILS
C701	TYPICAL SECTIONS AND DETAILS
C702	TYPICAL SECTIONS AND DETAILS
C850	TRAFFIC SIGNING AND PAVEMENT MARKING DETAILS
C851	PAVEMENT MARKING PLAN AND DETAILS
MOT1	MAINTENANCE OF TRAFFIC LEGEND AND NOTES
MOT2	MAINTENANCE OF TRAFFIC TYPICAL APPLICATIONS
МОТЗ	MAINTENANCE OF TRAFFIC TYPICAL APPLICATIONS
MOT4	MAINTENANCE OF TRAFFIC CONSTRUCTION SIGNS TABLE
MOT5	MAINTENANCE OF TRAFFIC SIGN DETAILS

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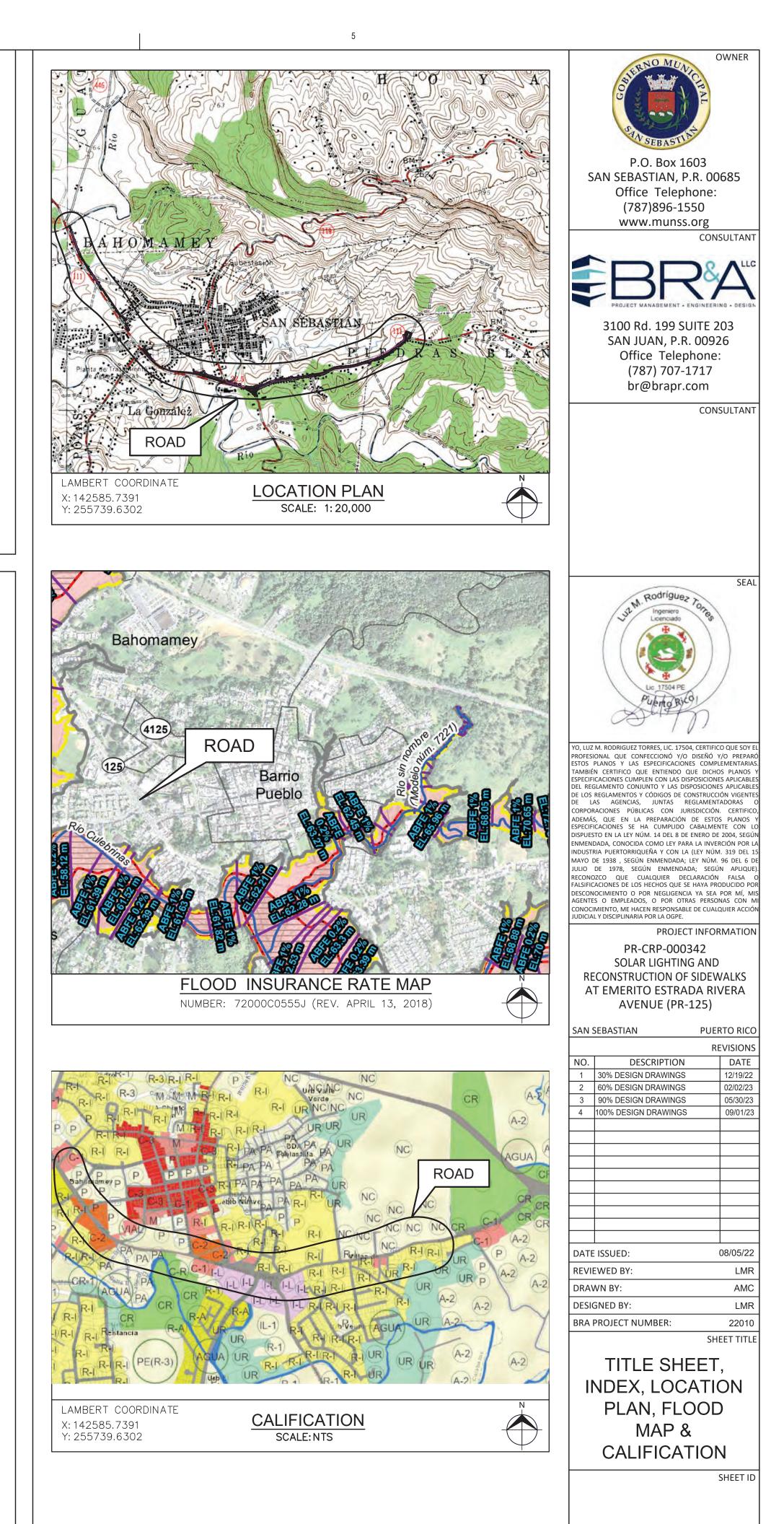
### PUERTO RICO

4

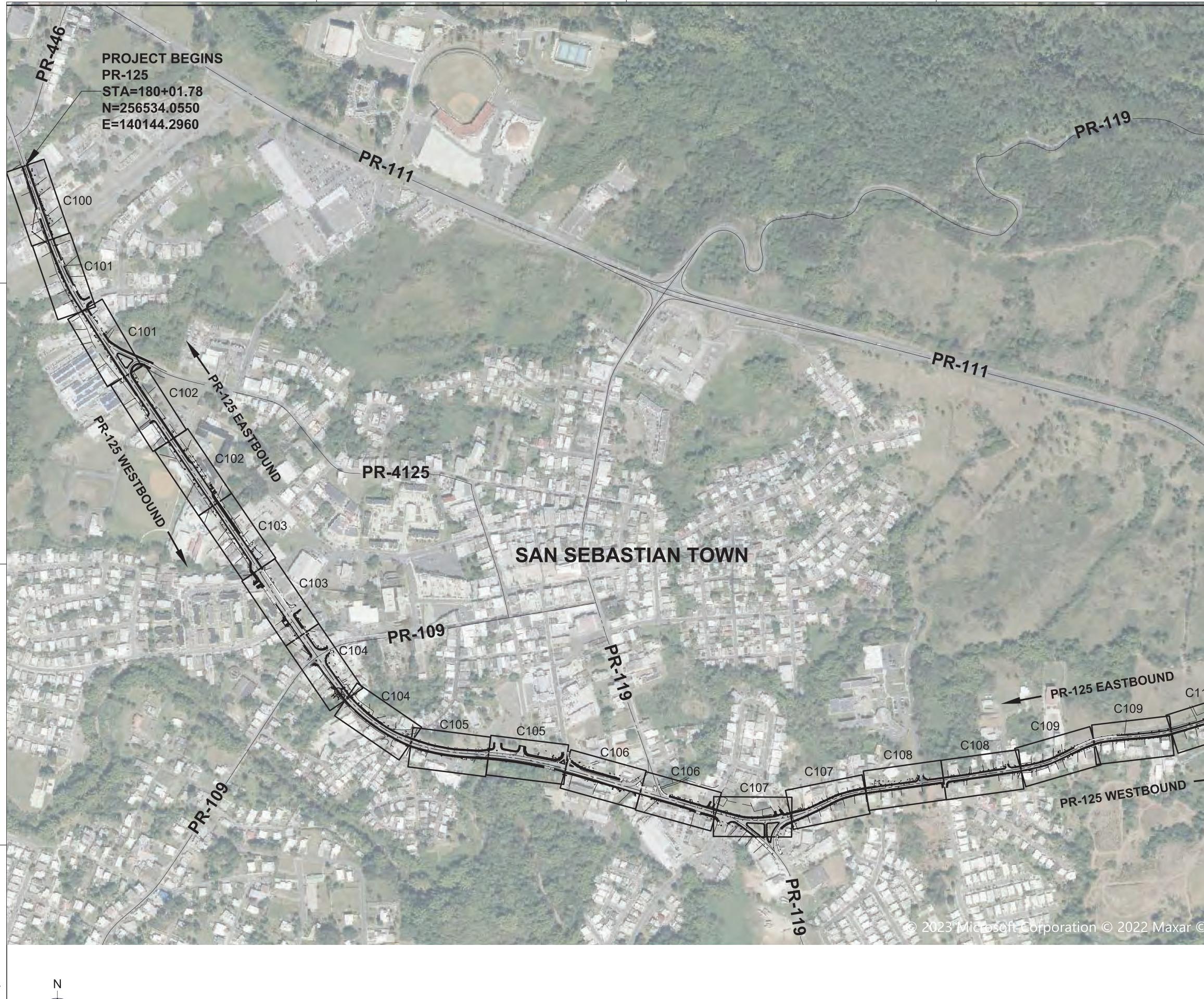
#### ELECTRICAL PLANS

E000	GENERAL SITE PLAN
E001	SOLAR LIGHTING POLES TYPICAL DETAILS
E002	SOLAR LIGHTING POLES TYPICAL DETAILS
E003	SOLAR LIGHTING POLES TYPICAL DETAILS
E004	SOLAR LIGHTING POLES TYPICAL DETAILS
E005	PHOTOMETRY INDEX POLES BY ZONE OR INTERSECTION
E006	PHOTOMETRY INDEX POLES BY ZONE OR INTERSECTION
E007	PHOTOMETRY INDEX POLES BY ZONE OR INTERSECTION
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E101	ELECTRICAL PLAN
E102	ELECTRICAL PLAN
E103	ELECTRICAL PLAN
E104	ELECTRICAL PLAN
E105	ELECTRICAL PLAN
E106	ELECTRICAL PLAN
E107	ELECTRICAL PLAN
E108	ELECTRICAL PLAN
E109	ELECTRICAL PLAN
E110	ELECTRICAL PLAN
E111	ELECTRICAL PLAN

3



**T000** 



3

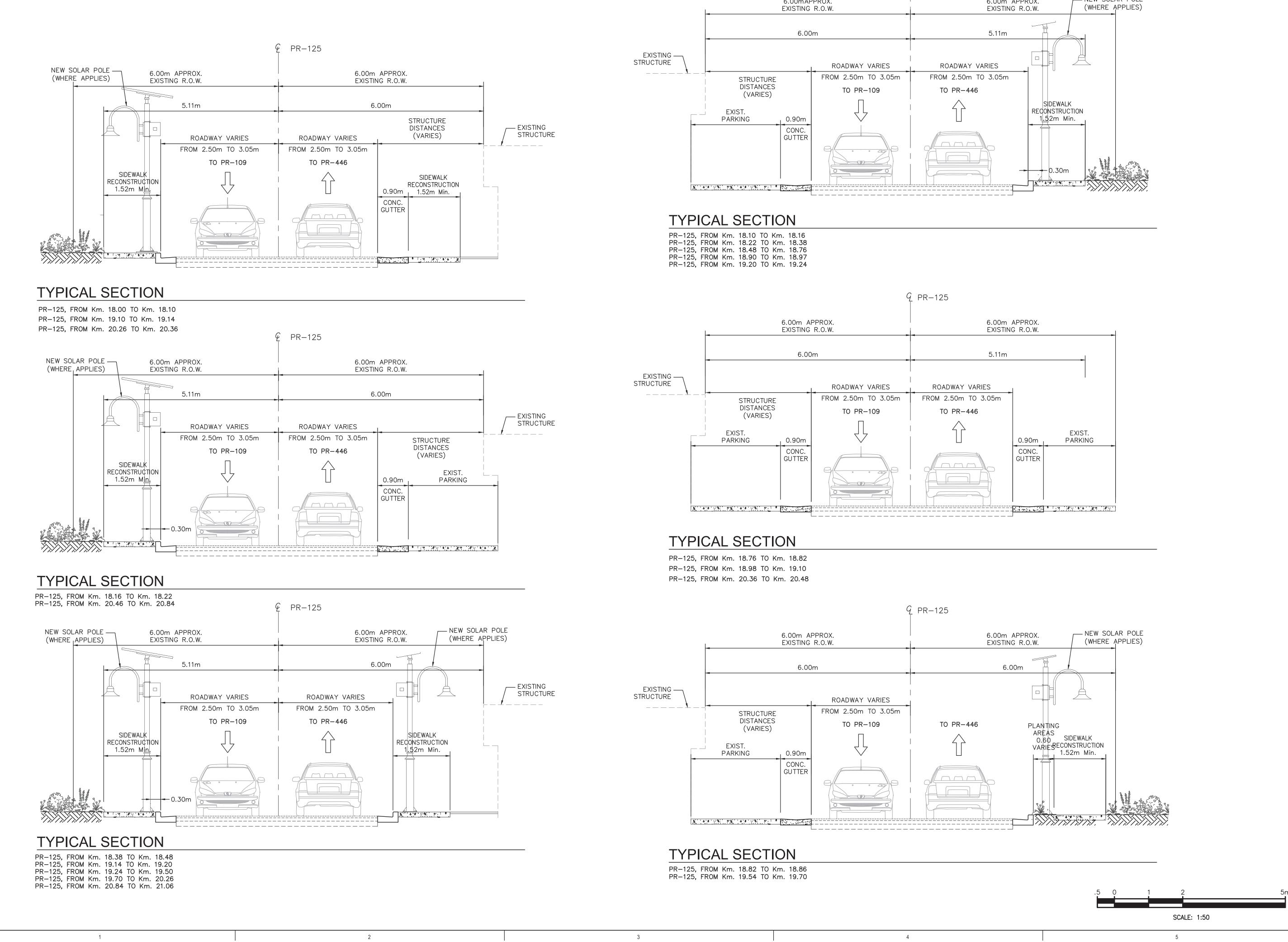
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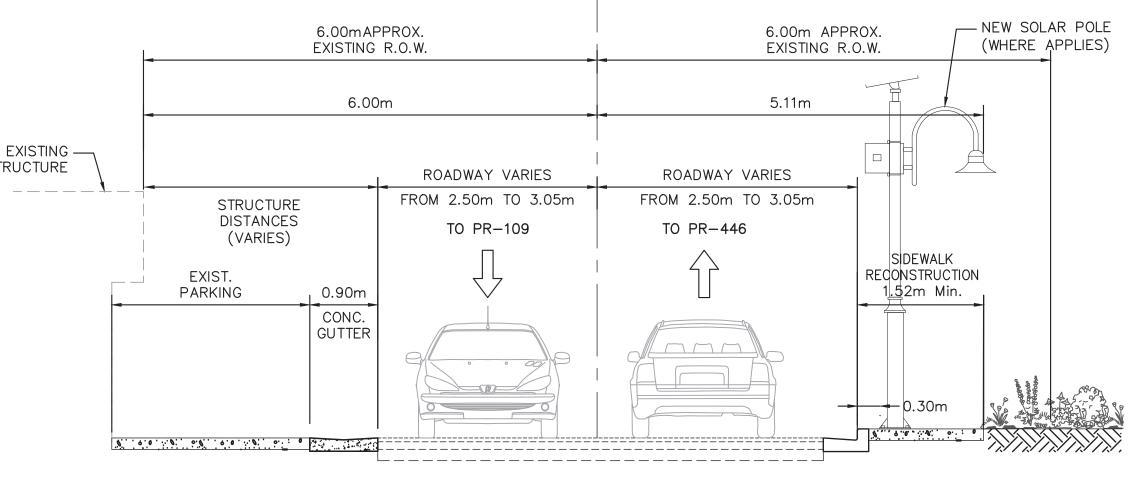
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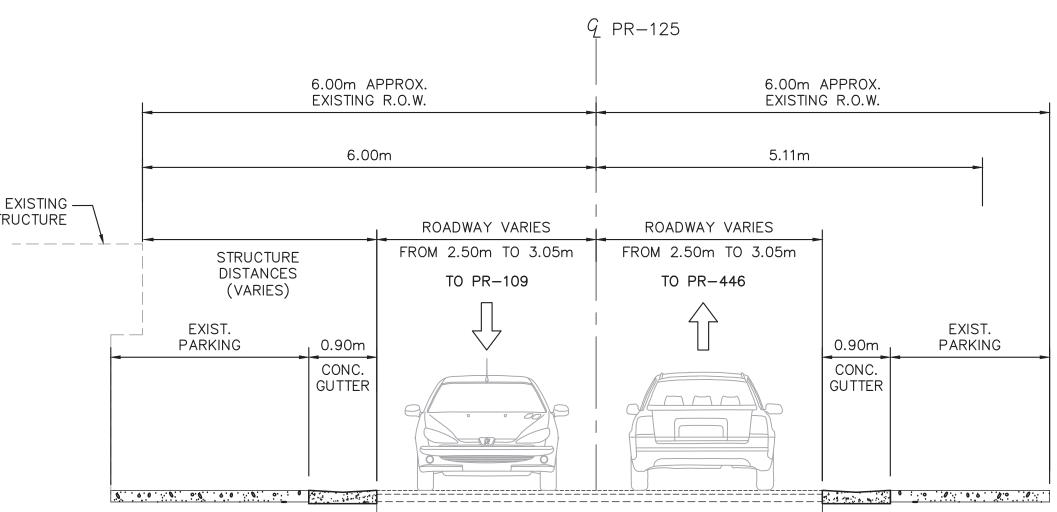
OWNER P.O. Box 1603 SAN SEBASTIAN, P.R. 00685 Office Telephone: (787)896-1550 www.munss.org CONSULTANT **BR**<sup>®</sup>A 3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926 Office Telephone: (787) 707-1717 br@brapr.com CONSULTANT SEAL Rodrigu ESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARĆ DS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTAR BIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS CACIONES CUMPLEN CON LAS DISPOSICIONES APLICA NJUNTO Y LAS DISPOSICIONES APLICA ITOS Y CÓDIGOS DE CONSTRUCCIÓN VIGE LAS AGENCIAS, JUNTAS REGLAMENTADORAS PORACIONES PÚBLICAS CON JURISDICCIÓN. CERT QUE EN LA PREPARACIÓN DE ESTOS PLANOS ALMENTE CO O EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004. SEG )ADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR L STRIA PUERTORRIQUEÑA Y CON LA (LEY NÚM. 319 DE Č111 A NDADA; SEGÚN APLIQUE) ONOZCO QUE CUALQUIER DECLARACIÓN FALSA ( SIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO PO ACIFICACIONES DE LOS RECHOS QUE SE HAYA PRODUCIDO POR ESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS GENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI DNOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFORMATION PR-CRP-000342 SOLAR LIGHTING AND **PROJECT ENDS**  $C1^{\prime}$ **RECONSTRUCTION OF SIDEWALKS PR-125** AT EMERITO ESTRADA RIVERA AVENUE (PR-125) C110 -STA=211+26.05 N=255753.2949 SAN SEBASTIAN PUERTO RICO REVISIONS E=142585.4086 DATE DESCRIPTION NO 30% DESIGN DRAWINGS 12/19/22 60% DESIGN DRAWINGS 02/02/23 05/30/23 90% DESIGN DRAWINGS 4 100% DESIGN DRAWINGS 09/01/23 08/05/22 DATE ISSUED: REVIEWED BY: LMR DRAWN BY: AMC DESIGNED BY: LMR BRA PROJECT NUMBER: 22010 CNES (2022) Distribution Airbu SHEET TITLE SHEET LAYOUT **GENERAL SITE** PLAN SHEET ID C001 100 150m SCALE: 1:3,500 5



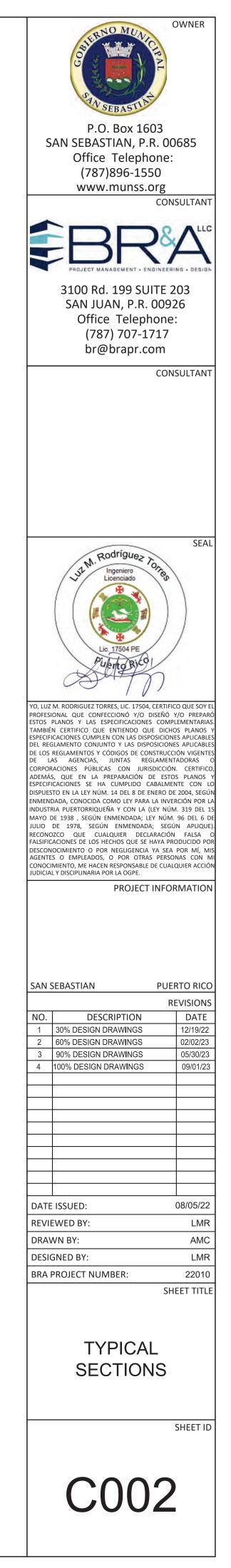




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PR-125, PR-125,	FROM	Km.	18.48	ТО	Km.	18.76
PR-125,						









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DEMOLITION OF EXISTING SIDEWALK/NEW HC RAMPS (SEE DETAILS ON DWG. C701) ENTRANCE RECONSTRUCTION OR NEW CURB ENTRANCE (SPEC 608)(SEE DETAILS ON DWG. C701)

NEW CURB OPENING (SPEC 609)(SEE DETAILS ON DWG. C700)

TRAFFIC DIRECTION

4



PROPOSED SIGN (SEE DETAILS ON DWG.C850)

6

-SIGN CODE NUMBER -SIGN LOCATION

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- 7. ALL PROJECT CONCRETE CURB AND GUTTER TO REMAIN WILL BE PATCHED, REPAIR AND PAINTED AS PER THE D.T.P.W. REQUIREMENTS.
- 8. REFER TO MOT PLANS FOR MAINTENANCE OF TRAFFIC TYPICAL APPLICATIONS, NOTES AND DETAILS.
- 9. REFER TO ELECTRICAL PLANS FOR NEW SOLAR LIGHTING POLES AND DETAILS.

		ONLERNO MUNICIPALITY OF THE SEBASTINT	OWNER	
	S	P.O. Box 1603 AN SEBASTIAN, P.R. C Office Telephone (787)896-1550 www.munss.org	I	
		SAN JUAN, P.R. 009 Office Telephon (787) 707-1717 br@brapr.com	203 926 e:	
			SEAL	
		Lic 17504 PE	SEAL	
	YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA (LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.			
		PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE F EMERITO ESTRADA F AVENUE (PR-125)	D WALKS NVERA	
	SAN S	SEBASTIAN PU	ERTO RICO	
	NO. 1 2 3 4	DESCRIPTION 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS 90% DESIGN DRAWINGS 100% DESIGN DRAWINGS	REVISIONS DATE 12/19/22 02/02/23 05/30/23 09/01/23	
		ISSUED:	05/12/23	
		EWED BY:	LMR AMC	
		GNED BY:	LMR	
	BRA I	PROJECT NUMBER:	22019 HEET TITLE	
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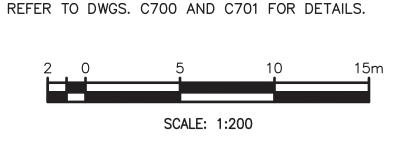
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C102

SHEET ID



1. FOR LEGENDS AND NOTES, REFER TO DWG. C100.



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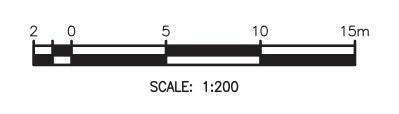
## P.O. Box 1603 SAN SEBASTIAN, P.R. 00685 Office Telephone: (787)896-1550 www.munss.org CONSULTANT 3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926 Office Telephone: (787) 707-1717 br@brapr.com CONSULTANT SEAL N. Rodrigues Ingenier YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. AMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS PECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES L REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS VICÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, NDEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y SPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO SERVIETO SULA LEY NÚM 14 DELA DE ENTRO DE 2004 CECÚM PUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN MENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA (LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 D JLIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA C FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR SCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS CIGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN UDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFORMATION PR-CRP-000342 SOLAR LIGHTING AND **RECONSTRUCTION OF SIDEWALKS** AT EMERITO ESTRADA RIVERA AVENUE (PR-125) SAN SEBASTIAN PUERTO RICO REVISIONS DATE DESCRIPTION NO 12/19/22 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS 02/02/23 05/30/23 90% DESIGN DRAWINGS 100% DESIGN DRAWINGS 09/01/23 05/12/23 DATE ISSUED: REVIEWED BY: LMR DRAWN BY: AMC DESIGNED BY: LMR BRA PROJECT NUMBER: 22019 SHEET TITLE

OWNER

LAYOUT PLAN

SHEET ID

C103



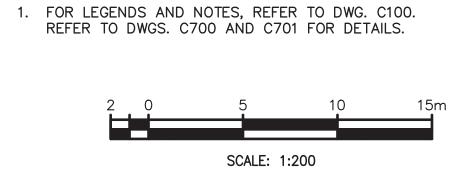
1. FOR LEGENDS AND NOTES, REFER TO DWG. C100.

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REFER TO DWGS. C700 AND C701 FOR DETAILS.

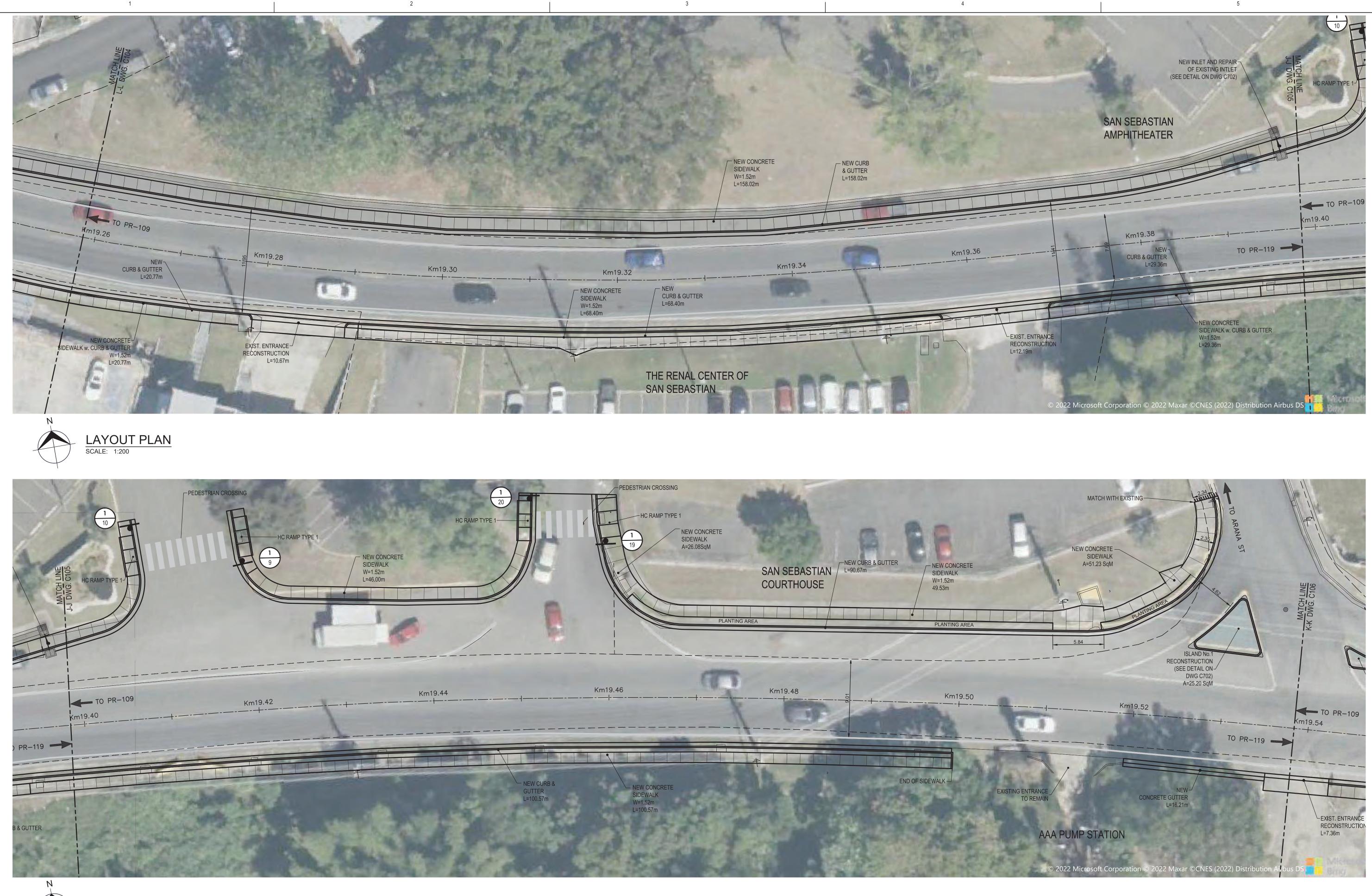


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C104





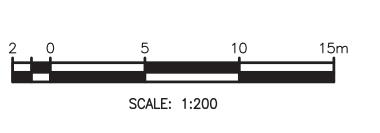
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## P.O. Box 1603 SAN SEBASTIAN, P.R. 00685 Office Telephone: (787)896-1550 www.munss.org CONSULTANT **B**F 3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926 Office Telephone: (787) 707-1717 br@brapr.com CONSULTANT SEAL Rodrigue YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. AMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DEL LOS REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO SPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA (LEY NÚM. 319 DEL 15 MAYO DE 1938 , SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFORMATION PR-CRP-000342 SOLAR LIGHTING AND RECONSTRUCTION OF SIDEWALKS AT EMERITO ESTRADA RIVERA AVENUE (PR-125) SAN SEBASTIAN PUERTO RICO REVISIONS DATE DESCRIPTION 12/19/22 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS 02/02/23 05/30/23 90% DESIGN DRAWINGS 4 100% DESIGN DRAWINGS 09/01/23 05/12/23 DATE ISSUED: **REVIEWED BY:** LMR DRAWN BY: AMC **DESIGNED BY:** LMR BRA PROJECT NUMBER: 22019 SHEET TITLE LAYOUT PLAN SHEET ID

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1. FOR LEGENDS AND NOTES, REFER TO DWG. C100. REFER TO DWGS. C700 AND C701 FOR DETAILS.

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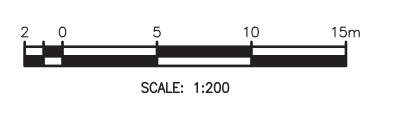
NOTE:

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C105



1. FOR LEGENDS AND NOTES, REFER TO DWG. C100. REFER TO DWGS. C700 AND C701 FOR DETAILS.



C106





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## P.O. Box 1603 SAN SEBASTIAN, P.R. 00685 Office Telephone: (787)896-1550 www.munss.org CONSULTANT 3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926 Office Telephone: (787) 707-1717 br@brapr.com CONSULTANT SEAL Rodrigues Ingeniero YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. AMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y SPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTO CONJUNTO Y DAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO SPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN NMENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA (LEY NÚM. 319 DEL 15 MAYO DE 1938 , SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA C FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POF DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFORMATION PR-CRP-000342 SOLAR LIGHTING AND **RECONSTRUCTION OF SIDEWALKS** AT EMERITO ESTRADA RIVERA AVENUE (PR-125) SAN SEBASTIAN PUERTO RICO REVISIONS DATE DESCRIPTION 12/19/22 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS 02/02/23 05/30/23 90% DESIGN DRAWINGS 4 100% DESIGN DRAWINGS 09/01/23 DATE ISSUED: 05/12/23 REVIEWED BY: LMR DRAWN BY: AMC LMR DESIGNED BY: BRA PROJECT NUMBER: 22019 SHEET TITLE LAYOUT PLAN

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C108

SHEET ID



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	Km20.5	58 	Km20.60		Km20.62
NEW CONCRETE SIDEWALK w. CURB & GUTTER W=1.22m L=15.56m	EXIST. ENTRANCE RECONSTRUCTION L=5.52m	EXIST. ENTRANCE RECONSTRUCTION L=3.47m NEW CONCRETE SIDEWALK w. CURB & GUTTER W=1.22m L=8.55m	NEW CONCRETE SIDEWALK w. CURB & GUTTER W=1.22m L=18.13m	EXIST. ENTRANCE RECONSTRUCTION L=6.73m	
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SHEET ID

## LAYOUT PLAN

		SEAL
	JA N. Rodríguez Torres Licenciado	
	Licenciado	/
		/
	Lic. 17504 PE Public Bicol	/
	Alth	
PROFESI	M. RODRIGUEZ TORRES, LIC. 17504, CERTII ONAL QUE CONFECCIONÓ Y/O DISEÑÓ PLANOS Y LAS ESPECIFICACIONES COM	Y/O PREPARÓ
TAMBIÉ	N CERTIFICO QUE ENTIENDO QUE DIC ICACIONES CUMPLEN CON LAS DISPOSICIO	HOS PLANOS Y
DEL REG DE LOS	GLAMENTO CONJUNTO Y LAS DISPOSICIO REGLAMENTOS Y CÓDIGOS DE CONSTRUC	NES APLICABLES CCIÓN VIGENTES
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	S, QUE EN LA PREPARACIÓN DE ES <sup>-</sup> ICACIONES SE HA CUMPLIDO CABALN ITO EN LA LEY NÚM. 14 DEL 8 DE ENERO	
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JULIO	DE 1938 , SEGÚN ENMENDADA; LEY NÚI DE 1978, SEGÚN ENMENDADA; SEG	GÚN APLIQUE)
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CONOCI JUDICIA	MIENTO, ME HACEN RESPONSABLE DE CUJ LY DISCIPLINARIA POR LA OGPE. PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN	D
CONOCI JUDICIA	MIENTO, ME HACEN RESPONSABLE DE CU/ LY DISCIPLINARIA POR LA OGPE. PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE	DRMATION
CONOCI JUDICIA	MIENTO, ME HACEN RESPONSABLE DE CUJ LY DISCIPLINARIA POR LA OGPE. PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN	DRMATION DRMATION D WALKS SIVERA
CONOCI JUDICIA RE A	MIENTO, ME HACEN RESPONSABLE DE CU PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE T EMERITO ESTRADA R AVENUE (PR-125)	DRMATION D WALKS VVERA
CONOCI JUDICIA RE A	MIENTO, ME HACEN RESPONSABLE DE CU/ PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE T EMERITO ESTRADA R AVENUE (PR-125)	DRMATION D WALKS VVERA ERTO RICO
CONOCI JUDICIA RE A	MIENTO, ME HACEN RESPONSABLE DE CU/ PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE T EMERITO ESTRADA R AVENUE (PR-125)	DRMATION D WALKS VVERA
RE SAN S NO. 1	MIENTO, ME HACEN RESPONSABLE DE CU/ PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE T EMERITO ESTRADA R AVENUE (PR-125) SEBASTIAN PU DESCRIPTION 30% DESIGN DRAWINGS	DRMATION DRMATION WALKS IVERA ERTO RICO REVISIONS DATE 12/19/22
RE SAN S	MIENTO, ME HACEN RESPONSABLE DE CU/ PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE T EMERITO ESTRADA R AVENUE (PR-125) SEBASTIAN PU DESCRIPTION	DRMATION DRMATION WALKS IVERA ERTO RICO REVISIONS DATE
RE SAN S NO. 1 2	MIENTO, ME HACEN RESPONSABLE DE CU/ PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE T EMERITO ESTRADA R AVENUE (PR-125) SEBASTIAN PU DESCRIPTION 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS	DRMATION DWALKS IVERA ERTO RICO REVISIONS DATE 12/19/22 02/02/23
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CONOCI JUDICIA RE A SAN S SAN S SAN S 1 2 3 4 4 	MIENTO, ME HACEN RESPONSABLE DE CU/ PROJECT INFO PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE T EMERITO ESTRADA R AVENUE (PR-125) SEBASTIAN PU DESCRIPTION 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS 90% DESIGN DRAWINGS 100% DESIGN DRAWINGS	ALQUIER ACCIÓN DRMATION D WALKS CIVERA ERTO RICO REVISIONS DATE 12/19/22 02/02/23 05/30/23 05/30/23 09/01/23
CONOCI JUDICIA RE A SAN S SAN S SAN S 3 4 4 	MIENTO, ME HACEN RESPONSABLE DE CU/ PROJECT INFO PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE T EMERITO ESTRADA R AVENUE (PR-125) SEBASTIAN PU DESCRIPTION 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS 100% DESIGN DRAWINGS 100% DESIGN DRAWINGS	ALQUIER ACCIÓN DRMATION D WALKS CIVERA ERTO RICO REVISIONS 05/30/23 05/30/23 05/30/23 09/01/23 05/30/23
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CONOCI JUDICIA RE A SAN S SAN S SAN S SAN S C SAN S C SAN S C SAN S C SAN S SAN S SA	MIENTO, ME HACEN RESPONSABLE DE CU/ PROJECT INFO PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN CONSTRUCTION OF SIDE T EMERITO ESTRADA R AVENUE (PR-125) SEBASTIAN PU DESCRIPTION 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS 60% DESIGN DRAWINGS 90% DESIGN DRAWINGS 100% DESIGN DRAWINGS	ALQUIER ACCIÓN DRMATION DWALKS LIVERA ERTO RICO REVISIONS 05/30/23 05/30/23 05/30/23 05/30/23 05/30/23 05/30/23 05/12/23 LMR AMC

OWNER

CONSULTANT

CONSULTANT

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3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926

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. (787) 707-1717

br@brapr.com



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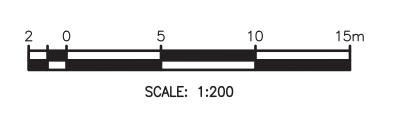
SHEET ID

## LAYOUT PLAN

s	P.O. Box 1603 AN SEBASTIAN, P.R. 00	0685
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	-	ISULTANT
	BBR BROJECT MANAGEMENT - ENGINEER 3100 Rd. 199 SUITE 2 SAN JUAN, P.R. 009 Office Telephone (787) 707-1717 br@brapr.com	26
	CON	ISULTANT
		SEAL
	JZ M. Rodríguez Torres	\
	Lic. 17504 PE Puerto Ricol	
PROFESI ESTOS TAMBIÉ ESPECIF DEL REC DEL LOS DE LL CORPOF ADEMÁ ESPECIF DISPUES ENMENI INDUSTI MAYO I JULIO RECONC FALSIFIC DESCOM	CACIONES SE HA CUMPLIDO CABALME TO EN LA LEY NÚM. 14 DEL 8 DE ENERO D DADA, CONOCIDA COMO LEY PARA LA INVI RIA PUERTORRIQUEÑA Y CON LA (LEY NÚ DE 1938, SEGÚN ENMENDADA; LEY NÚM DE 1978, SEGÚN ENMENDADA; SEG JZCO QUE CUALQUIER DECLARACIÓ CACIONES DE LOS HECHOS QUE SE HAYA PI IOCIMIENTO O POR NEGLIGENCIA YA SEA S O EMPLEADOS, O POR OTRAS PERSI MIENTO, ME HACEN RESPONSABLE DE CUA L Y DISCIPLINARIA POR LA OGPE.	Y/O PREPARÓ PLEMENTARIAS IOS PLANOS PLANOS IES APLICABLES CIÓN VIGENTES TITADORAS C N. CERTIFICO, OS PLANOS Y SITE CON LO DE 2004, SEGÚN ERCIÓN POR LA M. 319 DEL 15 I. 96 DEL 6 DE ÚN APLIQUE) N FALSA C RODUCIDO POR A POR MÍ, MIS DNAS CON M LQUIER ACCIÓN
	PROJECT INFO PR-CRP-000342 SOLAR LIGHTING ANE CONSTRUCTION OF SIDE T EMERITO ESTRADA RI AVENUE (PR-125)	) WALKS
SAN S	SEBASTIAN PUE	RTO RICO
	-	
NO. 1	DESCRIPTION 30% DESIGN DRAWINGS	DATE 12/19/22
2	60% DESIGN DRAWINGS	02/02/23
3 4	90% DESIGN DRAWINGS 100% DESIGN DRAWINGS	05/30/23 09/01/23
<u> </u>		
DATE	ISSUED:	05/12/23
REVI	EWED BY:	LMR
DRA	WN BY:	AMC
DESI	GNED BY:	LMR
BRA	PROJECT NUMBER:	22019
	SF	IEET TITLE

OWNER

P.O. Box 1603



1. FOR LEGENDS AND NOTES, REFER TO DWG. C100. REFER TO DWGS. C700 AND C701 FOR DETAILS.

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NOTE:

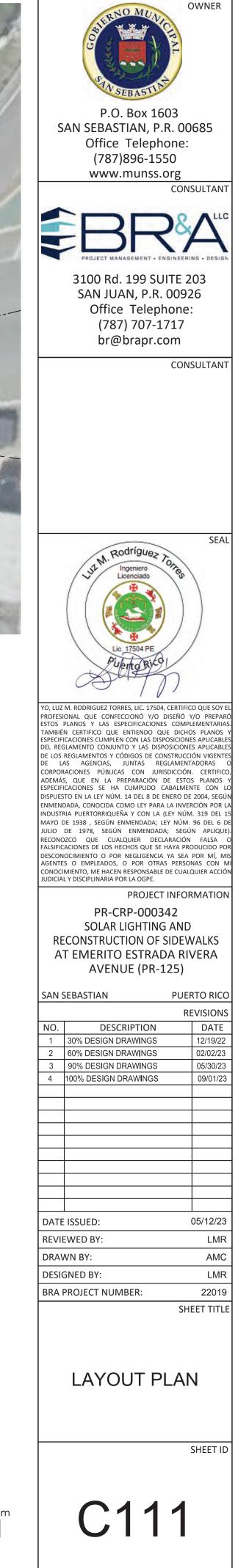




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NOTE:

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1. FOR LEGENDS AND NOTES, REFER TO DWG. C100. REFER TO DWGS. C700 AND C701 FOR DETAILS.

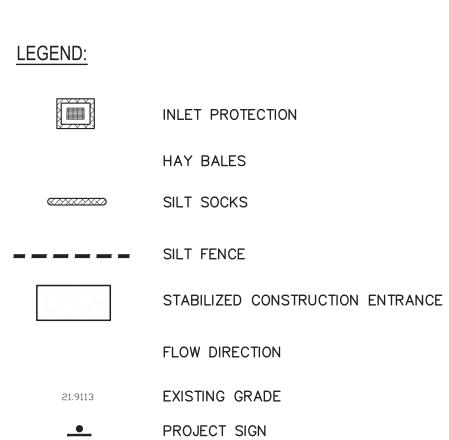






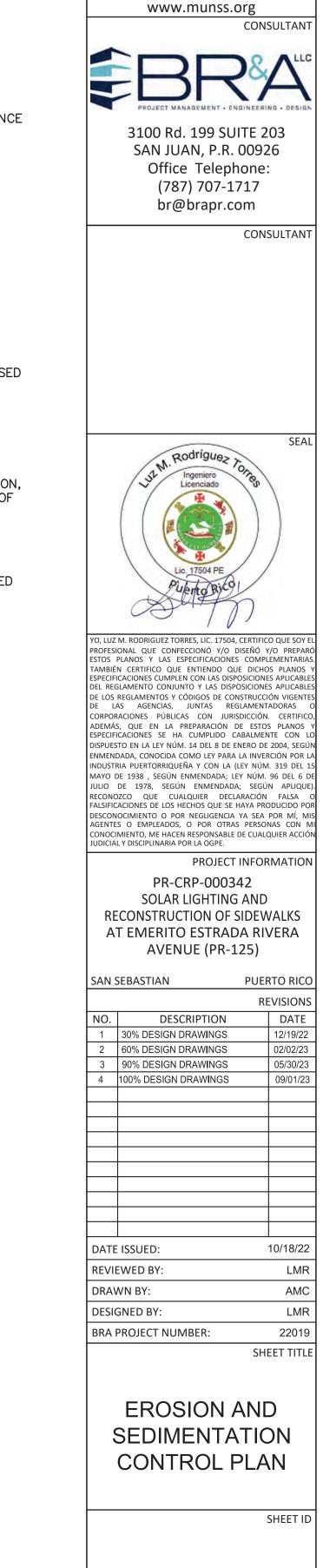
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## NOTES:

- 1. ALL DIMENSIONS AND ELEVATIONS ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
- 2. FOR EROSION AND SEDIMENT CONTROL DETAILS AND NOTES, REFER TO DWG. C490.
- 3. ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMMENCE WITH ANY DEMOLITION OR EXCAVATION, AND MAINTAINED THROUGHOUT THE DURATION OF THE CONSTRUCTION.
- 4. CONTRACTOR SHALL COORDINATE WITH THE MUNICIPALITY OF SAN SEBASTIAN THE STAGING AREA AVAILABILITY AND ANY AGREEMENT AND CONDITIONS PRIOR TO COMMENCE THE PROPOSED PROJECT.



C480

OWNER

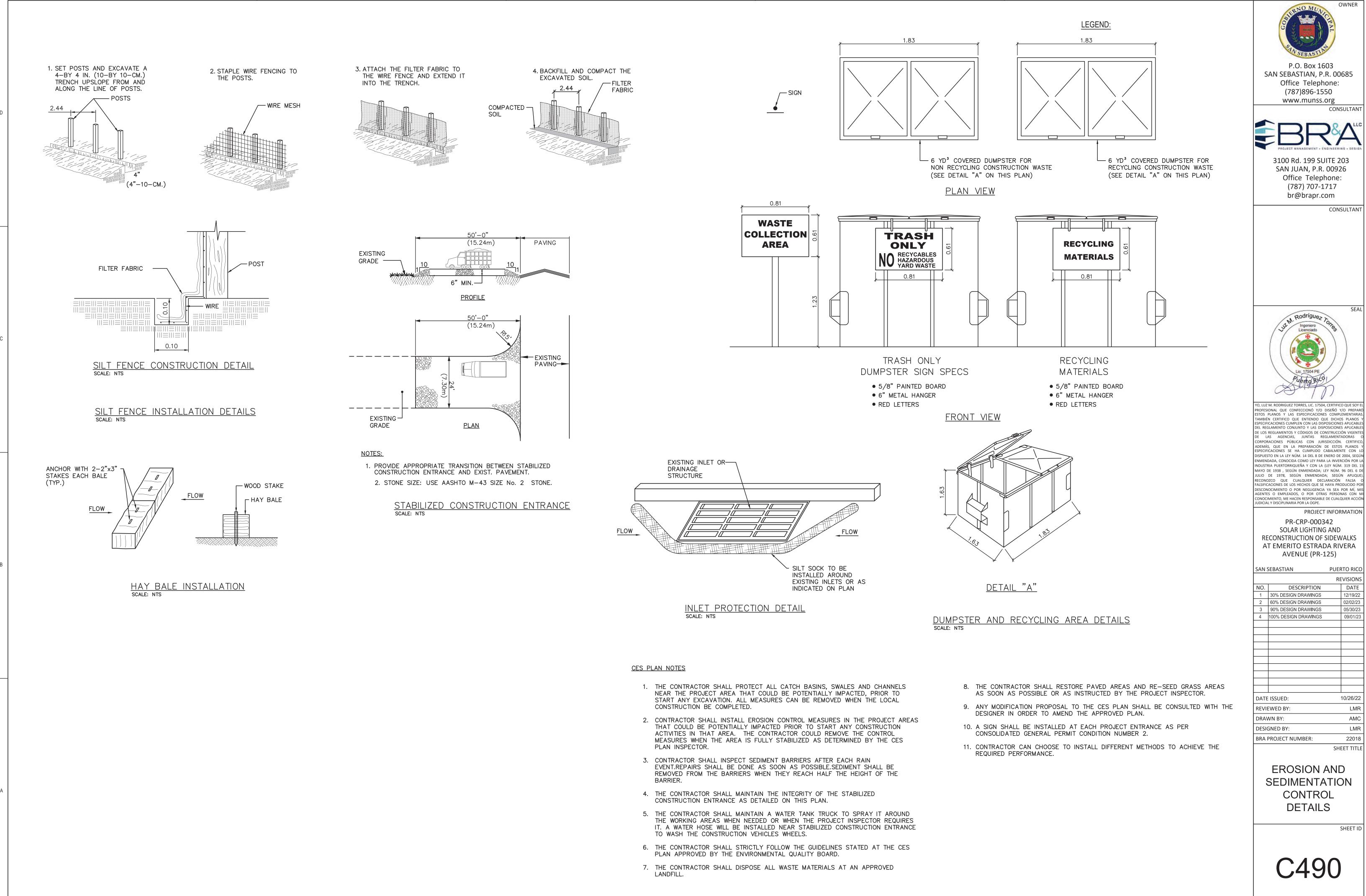
P.O. Box 1603

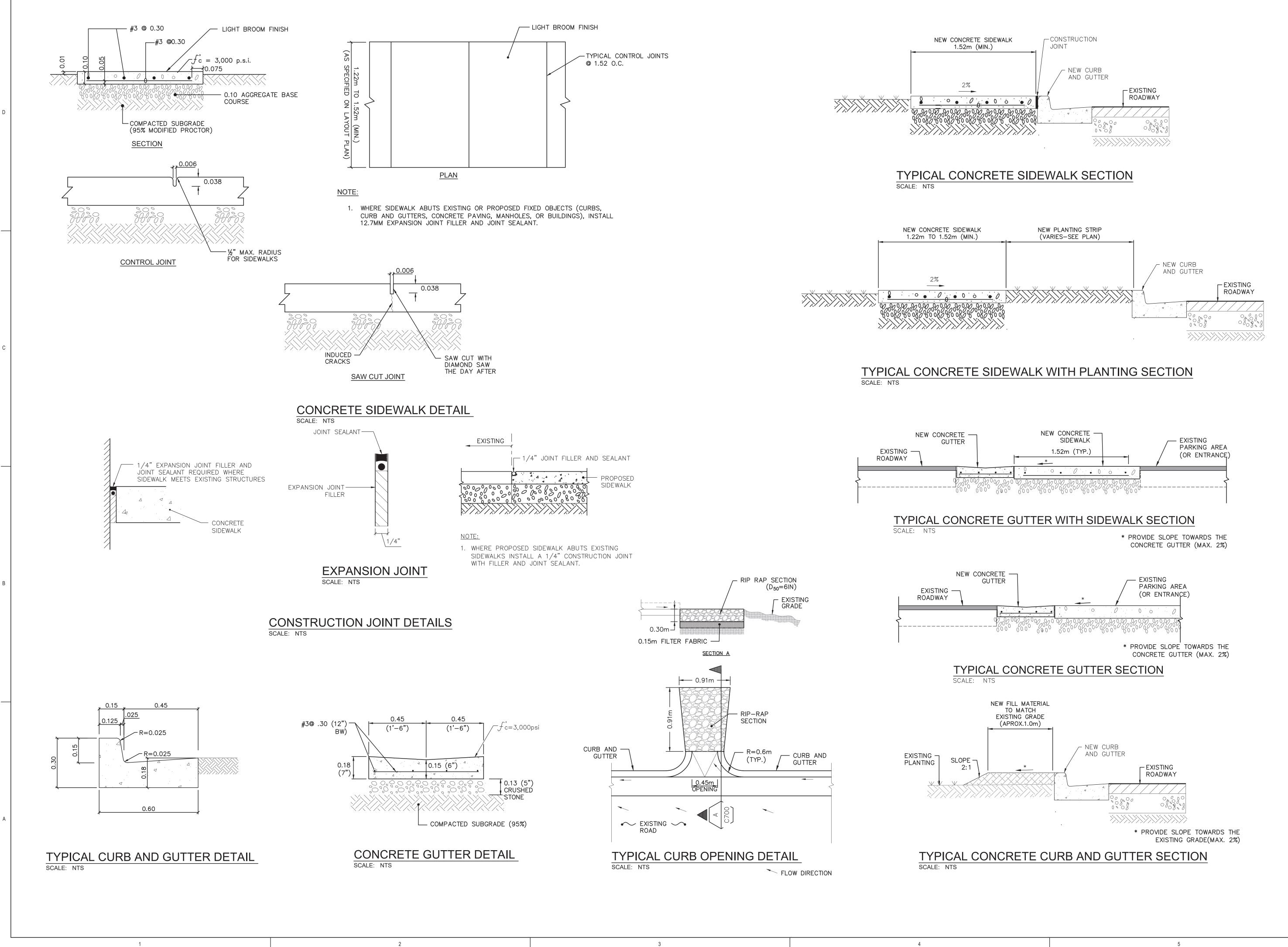
SAN SEBASTIAN, P.R. 00685

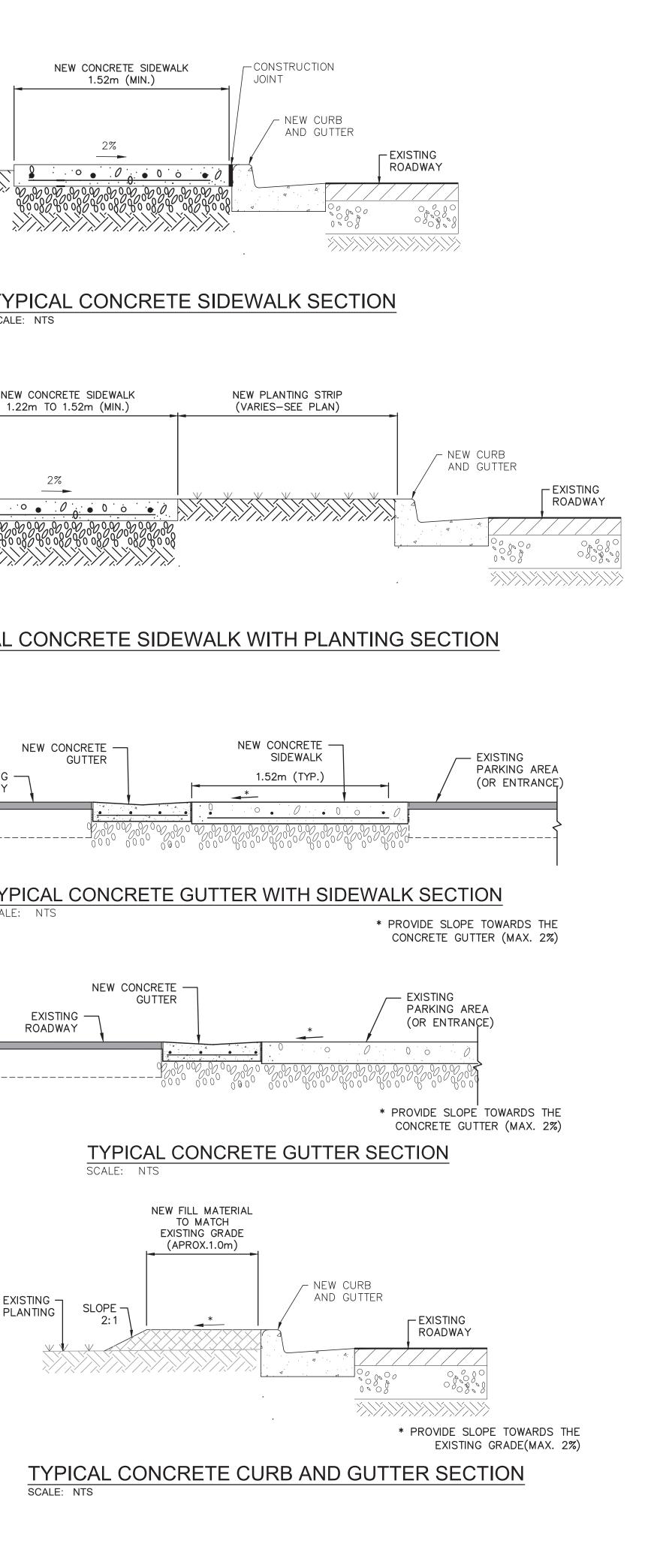
Office Telephone: (787)896-1550

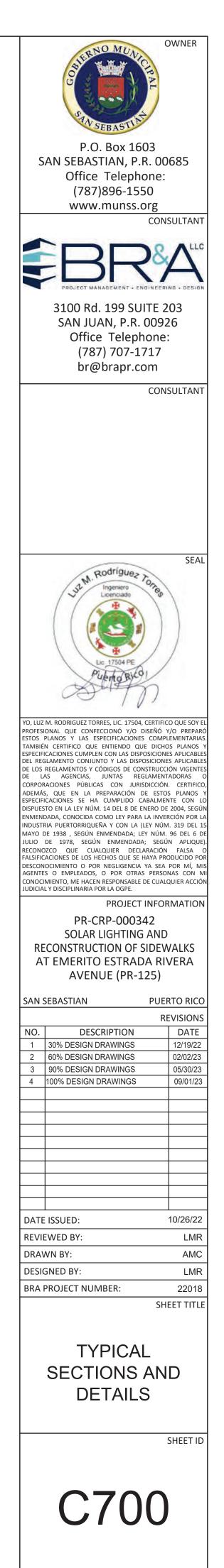
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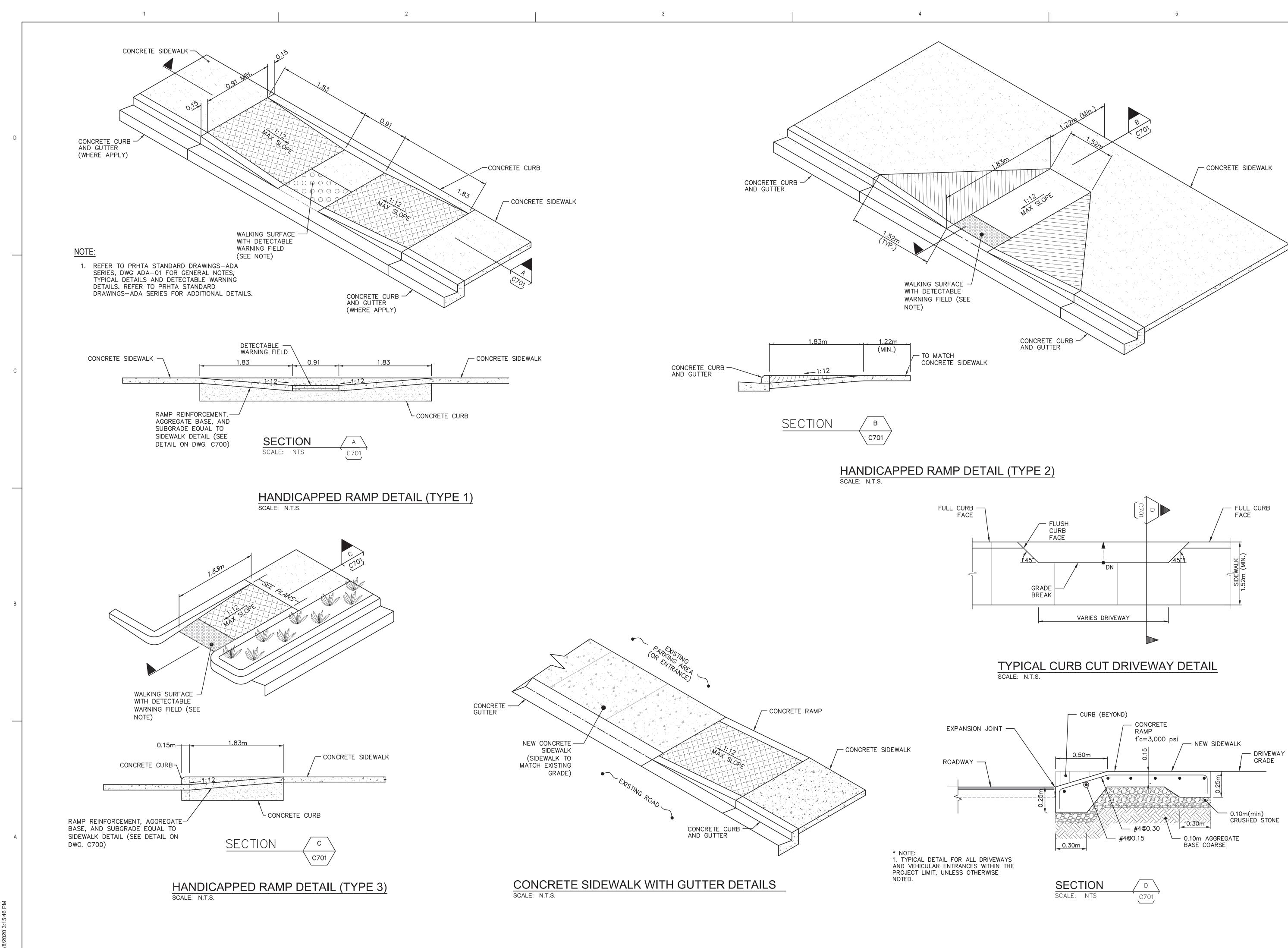
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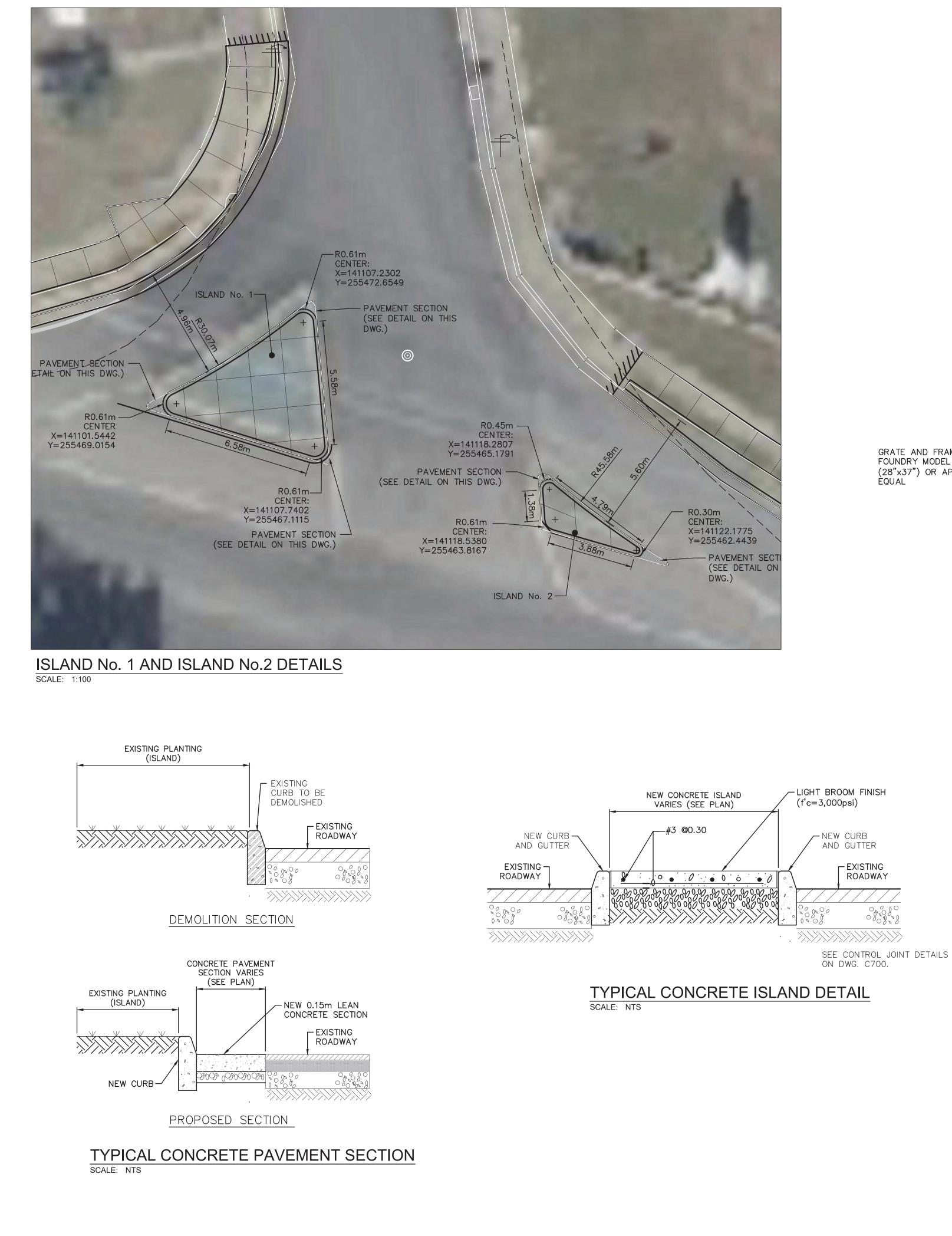


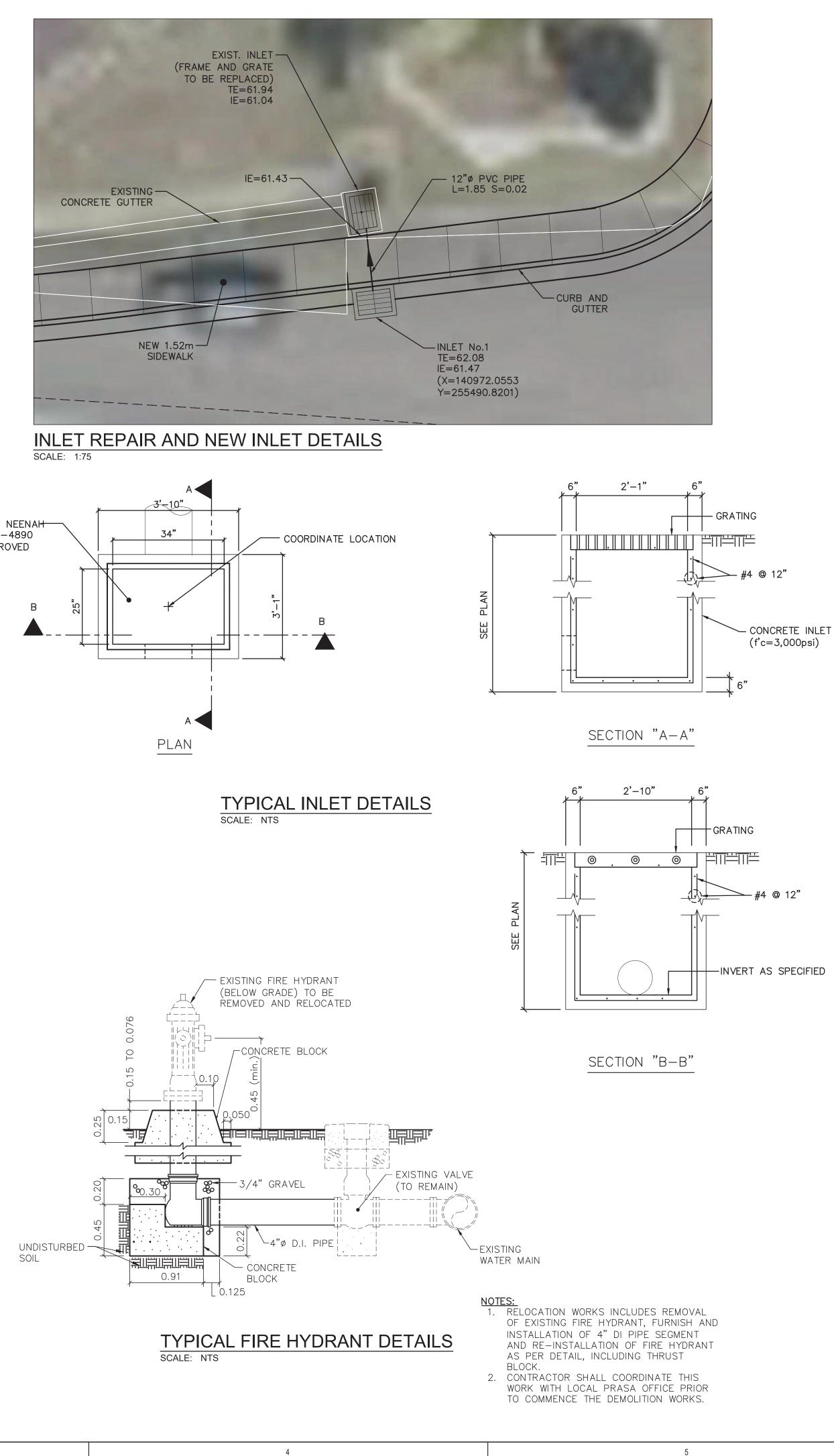


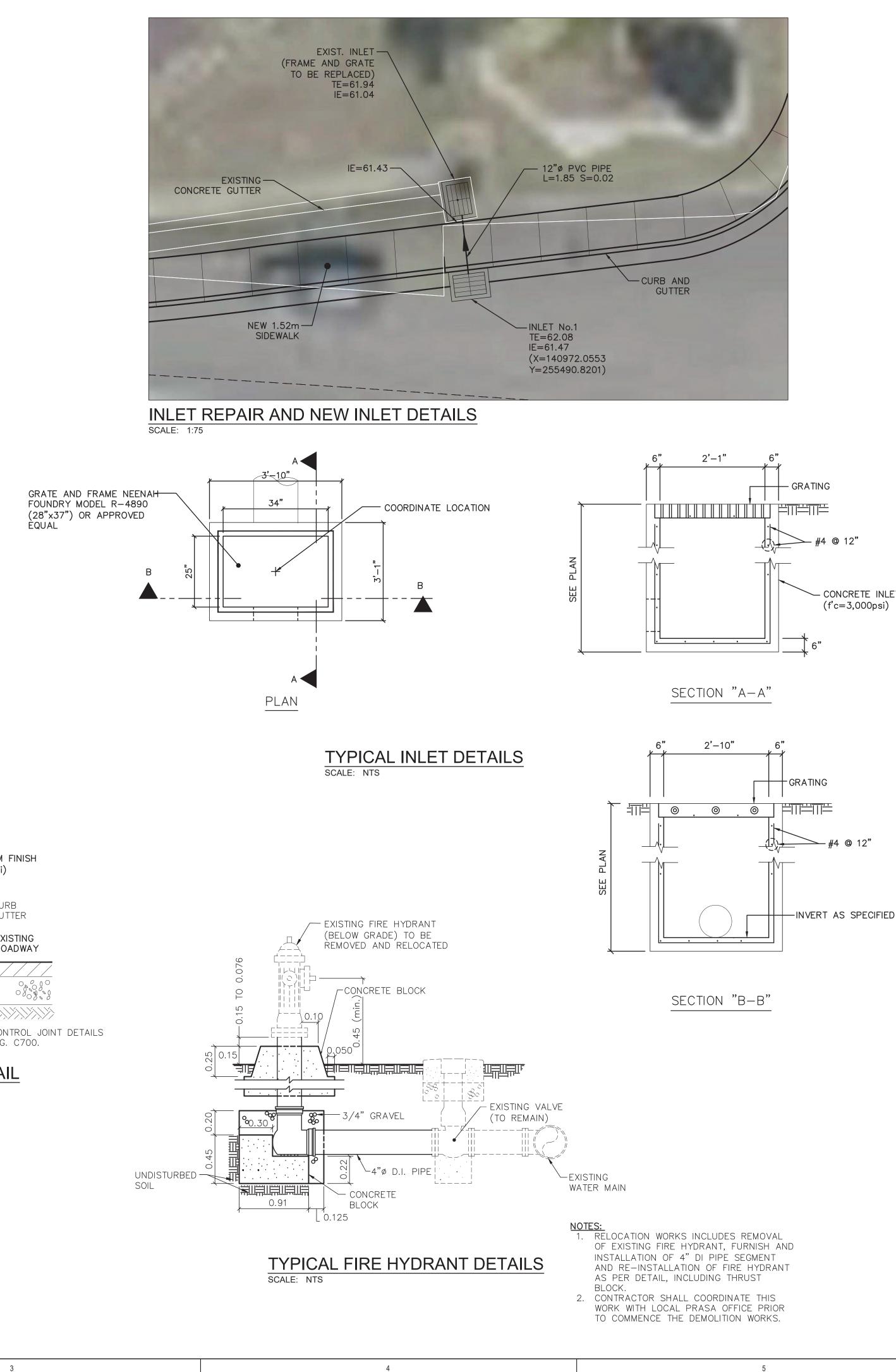


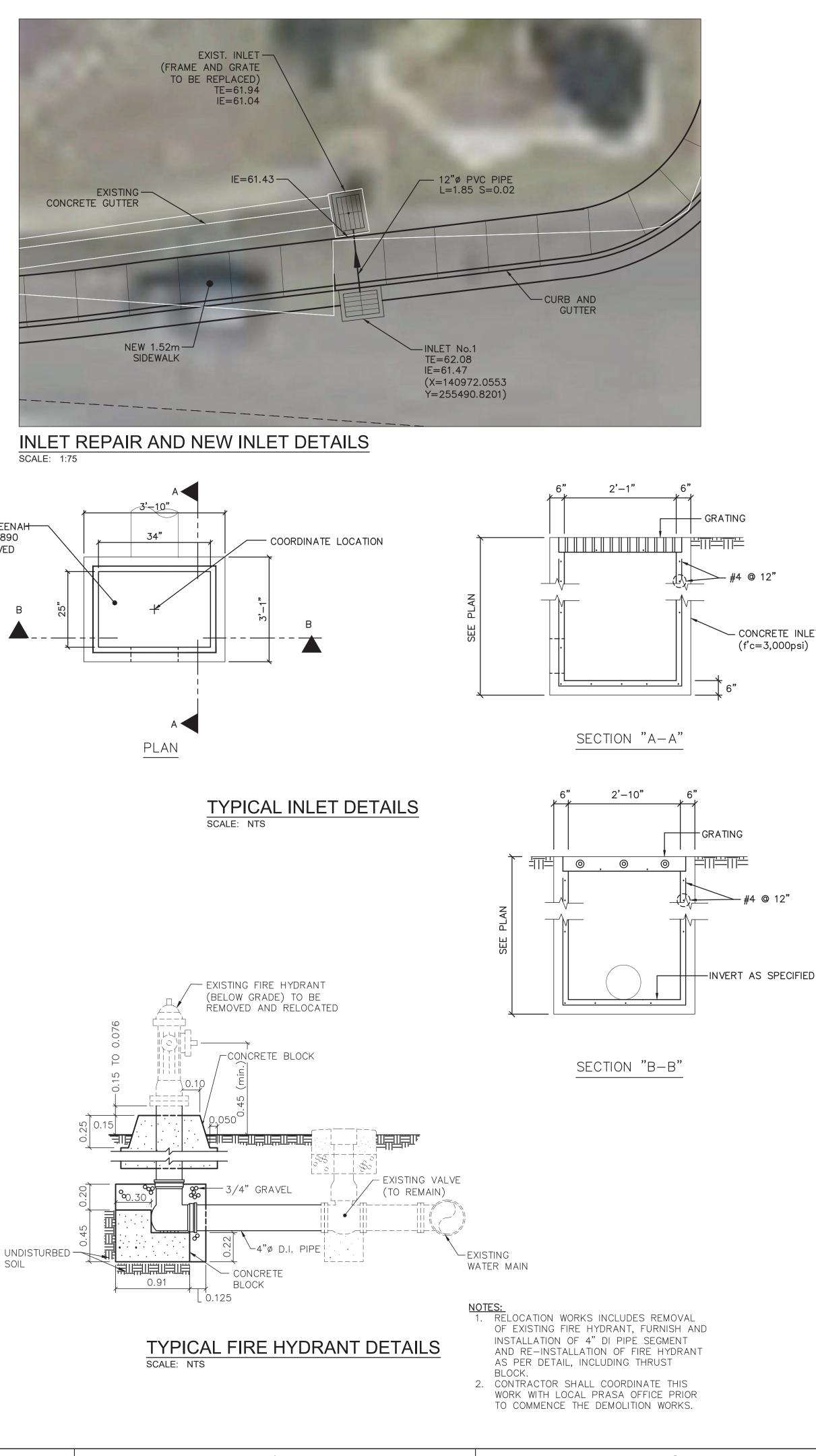


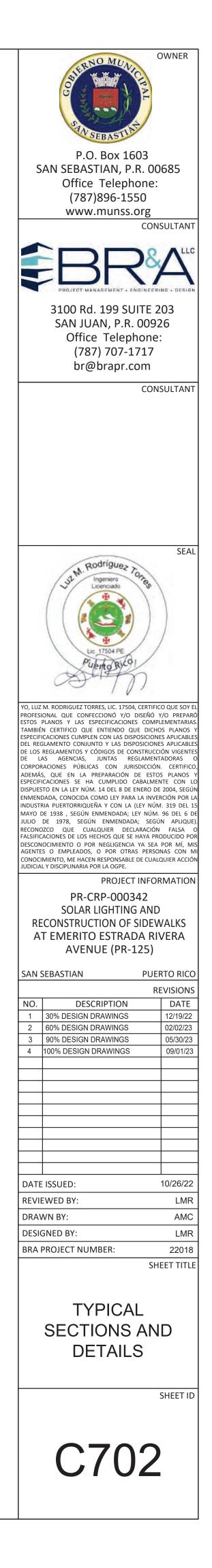




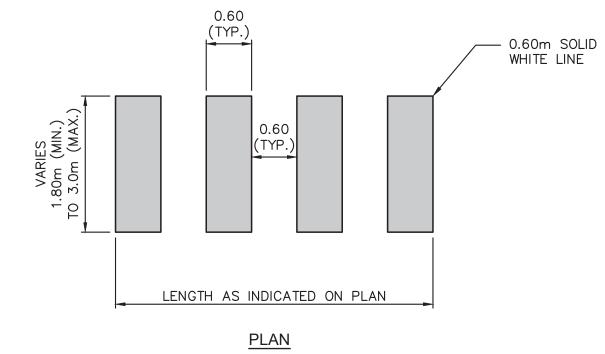








			TRAFFIC SIGNS T	ABLE			
CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
1	1,2,3,4,5,6,7, 8,9,10,11, 12,13,14,15,16, 17,18,19,20,21, 22,23,24,25,26	W11-2 W16-7P		36"X 36" 24"X 12"	N/A	SEE D.T.P.W 2020 MANUAL	26



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### PEDESTRIAN CROSSING SYMBOL SCALE: NTS

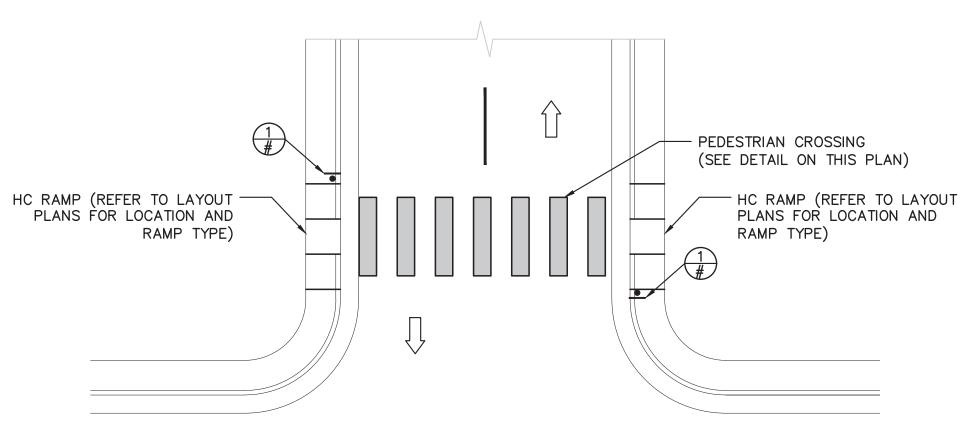
### TRAFFIC SIGNING NOTES:

- 1. REMOVAL AND INSTALLATION OF TRAFFIC SIGNS ARE INCLUDED AS SUBSIDIARY OBLIGATION ON SPEC 613 PAY ITEM.
- 2. NEW TRAFFIC SIGNS SHALL BE IN COMPLIANCE WITH M.U.T.C.D. 2009 AND DPTW MANUAL 2020.
- 3. ALL SIGNS SHALL BE LOCATED OUTSIDE THE ROADWAY PAVEMENT AREA AND ACCORDING TO THE HIGHWAY AND TRANSPORTATION AUTHORITY STANDARD DRAWINGS & SPEC.613 UNLESS INDICATE OTHERWISE IN THE PLANS.

### PAVEMENT MARKING NOTES:

1

1. ALL PAVEMENT MARKING LINES AND SYMBOLS ARE INCLUDED ON SPEC. 608—THERMOPLASTIC PAVEMENT MARKING STRIPES (WHITE AND YELLOW) AND PAVEMENT MARKING LETTERS AND SYMBOLS PAY ITEMS. ALL PAVEMENT MARKINGS SHALL BE HOT APPLIED REFLECTORIZED THERMOPLASTIC ACCORDING TO SPEC.618.



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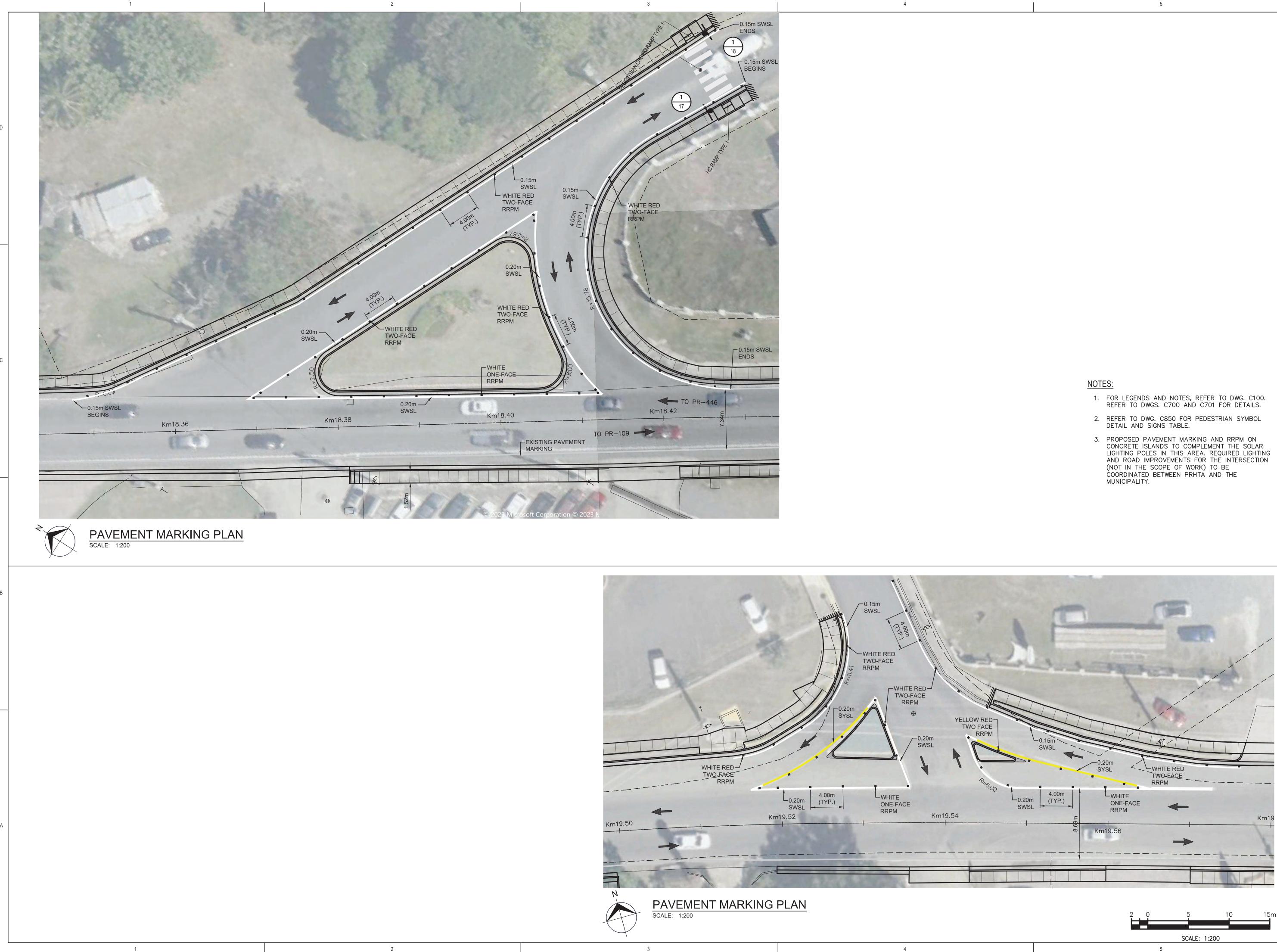
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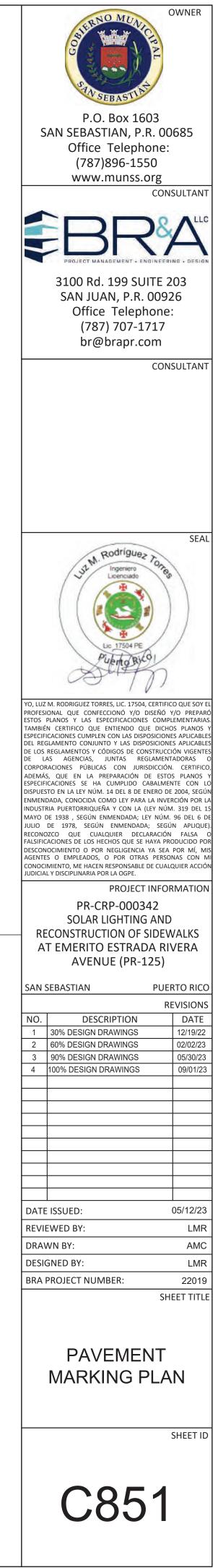
(TWO LANES STREET) TYPICAL PEDESTRIAN CROSSING DETAIL SCALE: NTS

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S I	
ODLERNO MUAICE	
SAN SEBASTIAT	
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br@brapr.com	NSULTANT
	NSULIANI
	SEAL
JI M. Rodriguez Tomes	
Licenciado	./
Lic. 17504 PE PUArto BVO	/
ATT	
YO, LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTI PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑĆ	
ESTOS PLANOS Y LAS ESPECIFICACIONES CON TAMBIÉN CERTIFICO QUE ENTIENDO QUE DIC ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIO	IPLEMENTARIAS
DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIO DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUC	NES APLICABLE
CORPORACIONES PÚBLICAS CON JURISDICCI ADEMÁS, QUE EN LA PREPARACIÓN DE ES ESPECIFICACIONES SE HA CUMPLIDO CABALM	TOS PLANOS
DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO ENMENDADA, CONOCIDA COMO LEY PARA LA INV INDUSTRIA PUERTORRIQUEÑA Y CON LA (LEY NU	,
MAYO DE 1938 , SEGÚN ENMENDADA; LEY NÚI	
	ÚM. 319 DEL 1 M. 96 DEL 6 D GÚN APLIQUE
JULIO DE 1978, SEGÚN ENMENDADA; SEG RECONOZCO QUE CUALQUIER DECLARACIO FALSIFICACIONES DE LOS HECHOS QUE SE HAYA F DESCONOCIMIENTO O POR NEGLIGENCIA YA SE AGENTES O EMPLEADOS, O POR OTRAS PERS	ÚM. 319 DEL 1 M. 96 DEL 6 D GÚN APLIQUE ÓN FALSA ( PRODUCIDO POI EA POR MÍ, MI SONAS CON M
JULIO DE 1978, SEGÚN ENMENDADA; SEG RECONOZCO QUE CUALQUIER DECLARACIO FALSIFICACIONES DE LOS HECHOS QUE SE HAYA F DESCONOCIMIENTO O POR NEGLIGENCIA YA SE AGENTES O EMPLEADOS, O POR OTRAS PER CONOCIMIENTO, ME HACEN RESPONSABLE DE CUA JUDICIAL Y DISCIPLINARIA POR LA OGPE.	ÚM. 319 DEL 1. M. 96 DEL 6 D GÚN APLIQUE ÓN FALSA ( PRODUCIDO POI CA POR MÍ, MI SONAS CON M ALQUIER ACCIÓI
JULIO DE 1978, SEGÚN ENMENDADA; SEG RECONOZCO QUE CUALQUIER DECLARACIO FALSIFICACIONES DE LOS HECHOS QUE SE HAYA F DESCONOCIMIENTO O POR NEGLIGENCIA YA SE AGENTES O EMPLEADOS, O POR OTRAS PER CONOCIMIENTO, ME HACEN RESPONSABLE DE CUA	ÚM. 319 DEL 1 M. 96 DEL 6 D GÚN APLIQUE ÓN FALSA ( PRODUCIDO PO A POR MÍ, MI SONAS CON M ALQUIER ACCIÓI
JULIO DE 1978, SEGÚN ENMENDADA; SEG RECONOZCO QUE CUALQUIER DECLARACIÓ FALSIFICACIONES DE LOS HECHOS QUE SE HAYA F DESCONOCIMIENTO O POR NEGLIGENCIA YA SE AGENTES O EMPLEADOS, O POR OTRAS PER CONOCIMIENTO, ME HACEN RESPONSABLE DE CUA JUDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFO	ÚM. 319 DEL 1 M. 96 DEL 6 D GÚN APLIQUE ÓN FALSA ( PRODUCIDO PO SA POR MÍ, MI SONAS CON M ALQUIER ACCIÓI DRMATION
JULIO DE 1978, SEGÚN ENMENDADA; SEG RECONOZCO QUE CUALQUIER DECLARACIO FALSIFICACIONES DE LOS HECHOS QUE SE HAYA F DESCONOCIMIENTO O POR NEGLIGENCIA YA SE AGENTES O EMPLEADOS, O POR OTRAS PERS CONOCIMIENTO, ME HACEN RESPONSABLE DE CUA JUDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN RECONSTRUCTION OF SIDE AT EMERITO ESTRADA R	ÚM. 319 DEL 1 M. 96 DEL 6 D GÚN APLIQUE ÓN FALSA ( PRODUCIDO POR SONAS CON M ALQUIER ACCIÓI DRMATION D WALKS RIVERA
JULIO DE 1978, SEGÚN ENMENDADA; SEG RECONOZCO QUE CUALQUIER DECLARACIÓ FALSIFICACIONES DE LOS HECHOS QUE SE HAVA F DESCONOCIMIENTO O POR NEGLIGENCIA YA SE AGENTES O EMPLEADOS, O POR OTRAS PER CONOCIMIENTO, ME HACEN RESPONSABLE DE CUA JUDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN RECONSTRUCTION OF SIDE AT EMERITO ESTRADA R AVENUE (PR-125)	ÚM. 319 DEL 1 M. 96 DEL 6 D GÚN APLIQUE ÓN FALSA ( PRODUCIDO PO A POR MÍ, MI SONAS CON M ALQUIER ACCIÓN DRMATION
JULIO DE 1978, SEGÚN ENMENDADA; SEG RECONOZCO QUE CUALQUIER DECLARACIO FALSIFICACIONES DE LOS HECHOS QUE SE HAYA F DESCONOCIMIENTO O POR NEGLIGENCIA YA SE AGENTES O EMPLEADOS, O POR OTRAS PERS CONOCIMIENTO, ME HACEN RESPONSABLE DE CUA JUDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN RECONSTRUCTION OF SIDE AT EMERITO ESTRADA R AVENUE (PR-125) SAN SEBASTIAN PU	ÚM. 319 DEL 1 M. 96 DEL 6 D GÚN APLIQUE ÓN FALSA ( PRODUCIDO POI- TA POR MÍ, MI SONAS CON M ALQUIER ACCIÓI DRMATION D WALKS RIVERA ERTO RICC REVISIONS
JULIO DE 1978, SEGÚN ENMENDADA; SEG RECONOZCO QUE CUALQUIER DECLARACIÓ FALSIFICACIONES DE LOS HECHOS QUE SE HAYA F DESCONOCIMIENTO O POR NEGLIGENCIA YA SE AGENTES O EMPLEADOS, O POR OTRAS PERE CONOCIMIENTO, ME HACEN RESPONSABLE DE CUA JUDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN RECONSTRUCTION OF SIDE AT EMERITO ESTRADA R AVENUE (PR-125) SAN SEBASTIAN PU NO. DESCRIPTION 1 30% DESIGN DRAWINGS	ÚM. 319 DEL 1 M. 96 DEL 6 D GÚN APLIQUE ÓN FALSA (C PRODUCIDO PO A POR MÍ, MI SONAS CON M ALQUIER ACCIÓN D CRMATION D CWALKS RIVERA ERTO RICCO REVISIONS DATE 12/19/22
JULIO DE 1978, SEGÚN ENMENDADA; SEG RECONOZCO QUE CUALQUIER DECLARACIÓ FALSIFICACIONES DE LOS HECHOS QUE SE HAYA F DESCONOCIMIENTO O POR NEGLIGENCIA YA SE AGENTES O EMPLEADOS, O POR OTRAS PERS CONOCIMIENTO, ME HACEN RESPONSABLE DE CUA JUDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN RECONSTRUCTION OF SIDE AT EMERITO ESTRADA R AVENUE (PR-125) SAN SEBASTIAN PU NO. DESCRIPTION 1 30% DESIGN DRAWINGS 2 60% DESIGN DRAWINGS	ÚM. 319 DEL 1 M. 96 DEL 6 D GÚN APLIQUE ÓN FALSA O PRODUCIDO PRO RODUCIDO PRO SONAS CON M ALQUIER ACCIÓ DRMATION D ENTO RICO REVISIONS DATE 12/19/22 02/02/23 05/30/23
JULIO DE 1978, SEGÚN ENMENDADA; SEG RECONOZCO QUE CUALQUIER DECLARACIO FALSIFICACIONES DE LOS HECHOS QUE SE HAYA F DESCONOCIMIENTO O POR NEGLIGENCIA YA SE AGENTES O EMPLEADOS, O POR OTRAS PERS CONOCIMIENTO, ME HACEN RESPONSABLE DE CUA JUDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFO PR-CRP-000342 SOLAR LIGHTING AN RECONSTRUCTION OF SIDE AT EMERITO ESTRADA R AVENUE (PR-125) SAN SEBASTIAN PU NO. DESCRIPTION 1 30% DESIGN DRAWINGS 2 60% DESIGN DRAWINGS	ÚM. 319 DEL 1 M. 96 DEL 6 D GÚN APLIQUE ÓN FALSA C PRODUCIDO PO FA POR MÍ, MI SONAS CON M ALQUIER ACCIÓN DRMATION D WALKS RIVERA ERTO RICC REVISIONS DATE 12/19/22 02/02/23
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GENERAL MAINTENANCE OF TRAFFIC NOTES.

- 1. NO WORK OTHER THAN MOBILIZATION, TRAFFIC CONTROL, AND PROJECT FIELD OFFICE, SHALL BE PERFORMED UNTIL THE PROGRESS SCHEDULE IS APPROVED BY THE ENGINEER
- 2. ALL TEMPORARY CONTROL DEVICES SHALL COMPLY WITH THE SUPPLEMENTAL SPECIFICATION NUMBER 638-"MAINTENANCE AND PROTECTION OF TRAFFIC" OF SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PRHTA 2005 EDITION.
- 3. EQUIPMENT MATERIALS AND OTHER DEVICES USED FOR CONSTRUCTION SHALL BE REMOVED FROM THE ROADWAY AFTER WORK HOURS AND SHALL BE STAGED A MINIMUM DISTANCE of 10 MTS FROM THE TRAVEL WAY.
- 4. PLASTIC DRUM SPACING SHALL BE 2.5 METERS.
- 5. ANY ALTERATION TO THE SCHEDULE THAT MAY IMPROVE TRAFFIC OPERATIONS WITHIN THE CONSTRUCTION AREA, IN ACCORDANCE TO THE CURRENT MUTCD(2009) AND WITH NO ADDITIONAL COST TO THE AUTHORITY, SHALL BE SUBMITTED TO THE ENGINEER AT LEAST TWENTY ONE (21) CALENDAR DAYS IN ADVANCE TO THE PROPOSED DATE OF IMPLEMENTATION FOR REVIEW. IF THE PROPOSED ALTERATION IS APPROVED IT SHALL BE IMPLEMENTED AS DIRECTED BY THE ENGINEER.
- 6. THE CONTRACTOR CAN PERFORM, WITH THE APPROVAL OF THE ENGINEER, SEVERAL SIMULTANEOUS ACTIVITIES WITHIN A STAGE, AND AS PERMITTED BY THE CONTRACT PROPOSAL QUANTITIES ON THE TRAFFIC CONTROL LIMITS.
- 7. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER THE INSTALLATION OF TEMPORARY TRAFFIC CONTROL DEVICES FOR EACH PHASE AT LEAST FOURTEEN (14) CALENDAR DAYS IN ADVANCE FOR THE RELEASE OF PUBLIC NOTICE. THE CONTRACTOR SHALL NOT COMMENCE ANY OF THE CONSTRUCTION PHASES WITHOUT A PUBLIC NOTICE IS ISSUED OR WITHOUT DIRECT CONSENT OF THE ENGINEER.
- 8. THE CONSTRUCTION SIGNS INSTALLATION SHOULD BE IN ACCORDANCE TO THE TEMPORARY TRAFFIC SIGNS MOUNTING DETAILS IN THE STANDARD DRAWINGS.
- 9. THE CONTRACTOR SHALL PAINT FURNISH TEMPORARY TRAFFIC CONTROL DEVICES THAT MEET NCHRP 350 CRITERIA FOR THE APPLICABLE CRASHWORTHINESS STANDARD.
- 10. ALL TRAFFIC CONTROL SIGNS DETERMINED BY THE ENGINEER TO BE UNNECESSARY FOR THE APPLICABLE CONSTRUCTION TYPICAL APPLICATION SHALL BE IMMEDIATELY COVERED IN ITS ENTIRETY WITH NO ABRASIVE MATERIAL AND SHALL BE INSPECTED DURING DAY AND NIGHT TO ENSURE THAT THE SIGN IS NOT READABLE. THIS WORK IS A SUBSIDIARY OBLIGATION OF THE CONTRACTOR UNDER CONTRACT PAY ITEMS.
- 11. ALL TRAFFIC CONTROL CHANNELIZING DEVICES DETERMINED BY THE ENGINEER TO BE UNNECESSARY FOR THE APPLICABLE CONSTRUCTION TYPICAL APPLICATION SHALL BE IMMEDIATELY REMOVE. THIS WORK IS A SUBSIDIARY OBLIGATION OF THE CONTRACTOR UNDER CONTRACT PAY ITEMS.
- 12. DURING THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE ALL THE NECESSARY PRECAUTIONS AND MEASURES TO AVOID FALLING DEBRIS, TOOLS, EQUIPMENT OR ANY OTHER MATERIALS INTERFERE OR IMPACT THE MOTORING PUBLIC IN THE ROADWAY. ALL THE MATERIALS, LABOR EQUIPMENT AND WORK NECESSARY FOR IMPLEMENTING THIS REQUIREMENT IS SUBSIDIARY OBLIGATION OF THE CONTRACT UNDER EXISTING PAY ITEM.
- 13. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO ADJACENT PROPERTIES DURING CONSTRUCTION. THIS WORK WILL REQUIRE COORDINATION WITH BUSINESS AND PRIVATE OWNERS. ALL THE MATERIALS, LABOR, EQUIPMENT AND WORK NECESSARY FOR IMPLEMENTING THIS REQUIREMENT IS SUBSIDIARY OBLIGATION OF THE CONTRACTOR UNDER CONTRACT PAY ITEMS.
- 14. IN CASE THAT THE WORKS AFFECT THE EXISTING LUMINARY THE CONTRACTOR SHALL PROVIDE ADEQUATE ILLUMINATION IN THE AFFECTED AREA BUT THE GLARE OF THE SAME SHOULD NOT AFFECT THE VISIBILITY OF THE DRIVERS.
- 16. NO EXCAVATION AND/OR PAVEMENT DROP-OFF SHALL REMAIN OPEN WITHIN THE TRAVELED WAY WHEN THE CONTRACTOR OR ITS PERSONNEL IS NOT WORKING AND PHYSICALLY PRESENT AT THE WORK SITE.
- 17. NO OBSTRUCTIONS CAUSED BY EQUIPMENT, PERSONNEL AND MATERIALS SHALL BE ALLOWED.
- 18. WORK ON ROAD PR-125 SHALL BE COORDINATED WITH THE DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS REGIONAL OFFICE.
- 19. WHEN PERFORMING EXCAVATION ADJACENT TO ACTIVE ROADWAYS, ROADWAY USERS SHALL BE PROPERLY PROTECTED.
- 20. COST OF FLAGGER WILL BE A SUBSIDIARY OBLIGATION, UNDER SPECIFICATION 638, MAINTENANCE AND PROTECTION OF TRAFFIC, PAY ITEM: CONSTRUCTION SIGNS.
- 21. PRHTA RESERVES THE RIGHT TO STOP THE CONTRACTOR'S WORK AT ANY TIME, IF THE CONTRACTOR DOES NOT COMPLY WITH THE MAINTENANCE OF TRAFFIC (MOT) AND SAFETY REGULATIONS.

### CONSTRUCTION SCHEDULE:

- 1. NO WORK OTHER THAN MOBILIZATION, TRAFFIC CONTROL, AND PROJECT FIELD OFFICE, SHALL BE PERFORMED UNTIL CONSTRUCTION SCHEDULE IS EVALUATED AND APPROVED BY PROJECT ENGINEER, IN ORDER TO MAINTAIN TRAFFIC FLOW WITH "THE LEAST POSSIBLE INTERFERENCE FROM CONSTRUCTION OPERATIONS".
- 2. TYPICAL APPLICATIONS ARE SUBMITTED FOR THE TEMPORARY TRAFFIC CONTROL ACTIVITIES FOR A VARIETY OF SITUATIONS COMMONLY ENCOUNTERED. IT IS REQUIRED FROM THE ENGINEER TO ADJUST THESE GUIDELINES TO FIELD CONDITIONS.
- 3. SPECIFIC SITUATIONS NOT COVERED BY THESE APPLICATIONS SHALL BE BROUGHT UP TO THE ENGINEER FOR APPROPRIATE DIRECTION AND CLARIFICATION 10 DAYS BEFORE THE BEGINNING OF THE CONSTRUCTION WORK IN THAT AREA.

### CONSTRUCTION:

- 1. IMPLEMENT THE WORK ZONE TEMPORARY TRAFFIC CONTROL IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC INDICATED ON THE PLANS.
- 2. THE DETAILS SHOWN SHALL BE USED IN BOTH DIRECTIONS

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### TRAFFIC:

1. THE TRAFFIC WILL BE FLOWING AS INDICATED ON THE MAINTENANCE OF TRAFFIC USED FOR THE CONSTRUCTION AREA.

- 2. ALL WORK TO BE PERFORMED SHALL BE COORDINATED WITH THE TRAFFIC ENGINEERING OFFICE PERSONNEL.
- 3. ALL ACTIVITIES PROPOSED FOR THE PROJECT THAT AFFECT THE NORMAL FLOW OF TRAFFIC, SHALL BE COORDINATED WITH ALL PROJECTS THAT ARE WITHIN A COVERAGE RADIUS OF TWO MILES OF THE WAY THAT THEY DO NOT AFFECT EACH OTHER.
- 4. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER THE ACCESS POINTS FOR CONSTRUCTION VEHICLES. INSTALL SIGN W8-6A(PR) (TRUCK CROSSING - 36" X 36") TO ALERT ROAD USERS OF LOCATIONS WHERE UNEXPECTED TRAVEL BY CONSTRUCTION VEHICLES MIGHT OCCUR.



NIGHTTIME CONSTRUCTION NOTES (WHEN APPROVED).

- 1. NIGHTTIME CONSTRUCTION SHALL ONLY BE PERMITTED BETWEEN THE HOURS OF 8:00 PM AND 5:00 AM, MONDAY THROUGH THURSDAY, PRIOR APPROVAL OF PRHTA ENGINEER. (FOR PHASE 2B, NIGHTTIME CONSTRUCTION APPLIES FOR ALL DAYS)
- 2. THE CONTRACTORS VEHICLES SHALL BE EQUIPPED WITH ROTATING AMBER LIGHTS WHEN IN USE ON THE ROADWAY DURING NIGHT WORK.
- 3. LIGHTING SHALL BE PROVIDED FOR NIGHTTIME OPERATIONS.
- LANE CLOSURES SHALL BE STARTED AT LOCATIONS PROVIDING OPTIMUM VISIBILITY.
- 5. FLAGGERS SHALL BE STATIONED AT AREAS THAT ARE BRIGHTLY ILLUMINATED BY TEMPORARY FLOODLIGHTS OR ROADWAY LIGHTING. VEHICLE LIGHTS ARE NOT ACCEPTABLE FOR FLAGGER STATION ILLUMINATION.
- 6. NIGHTTIME CONSTRUCTION ACTIVITY WILL NOT BE ALLOWED FRIDAY THROUGH SUNDAY.
- 7. TEMPORARY LIGHTING REQUIRED FOR NIGHTTIME CONSTRUCTION WORKS WILL BE A SUBSIDIARY OBLIGATION UNDER SPECIAL PROVISION 938 LIGHTING FOR NIGHTTIME CONSTRUCTION.

NOTES.

- 1. WORK ACTIVITIES SHALL NOT OCCUR DURING PEAK HOURS.
- 2. PEAK HOUR FOR THIS PROJECT ARE:

- MONDAY TO THURSDAY BETWEEN 7:00AM AND 8:00AM AND BETWEEN 3:00PM TO 5:00PM - FRIDAYS BETWEEN 7:00AM TO 8:00AM AND BETWEEN 3:00PM TO 7:00PM

### **RECOMMENDED DISTANCE BETWEEN SIGNS**

ROAD TYPE/VELOCITY	DISTANCE BETWEEN SIGNS		
	A B C		С
ESPRESSWAY/FREEWAY	300m	450m	800m
RURAL SEGMENTS 35 MPH < V < 45MPH	150m	150m	150m
<= 35 MPH	75m	75m	75m

	MPH	12'=3.65 Mts. L = (Mts.)	11'=3.35 Mts. L = (Mts.)	10'=3.05 Mts. L = (Mts.)
	<25	38	35	30
	30	55	50	46
TAPER	35	75	70	63
LENGHT (L) FOR TWO	40	98	90	82
LANES ROAD	45	165	151	137
	50	183	168	152
	55	201	185	168
	60	220	202	183
	65	238	218	199

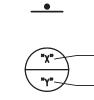
	МРН	BUFFER (Mts.)
	<25	47
	30	61
	35	76
BUFFER SPACE	40	93
BOITER STACE	45	110
	50	130
	55	151
	60	174
	65	197

GENERAL SIGNING GUIDELINES: \*POSTED SPEED 25 MPH AND 35 MPH

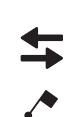
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MOT IMPLEMEI 1. PROJECT 2. INSTALLA 3. INSTALLA
NEW SIDEWALI 1. DEMOLITI 2. CONSTRU 3. INSTALLA
NEW TRAFFIC 1. INSTALLA 2. REMOVAL 3. INSTALLA

2

LEGEND:









TRAFFIC SIGN LOCATION	OWNER
- CODE NUMBER	
- LOCATION NUMBER	P.O. Box 1603 SAN SEBASTIAN, P.R. 00685 Office Telephone:
PLASTIC DRUMS	(787)896-1550 www.munss.org
	CONSULTAN
AREA UNDER CONSTRUCTION	<b>BR</b> A
TRAFFIC FLOW	PROJECT MANAGEMENT + ENGINEERING + DESIG
FLAGGER	3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926 Office Telephone:
TYPE 3 BARRICADE	(787) 707-1717 br@brapr.com
ADVANCED WARNING FLASHING DISPLAY	CONSULTAN
	SEA
WORKING HOURS WEEKDAYS, DURING -PEAK HOURS) AM TO 3PM 8PM TO 5AM	Lice 17504 PE
	PALT De: FOI

ISTRUCTION SCHEDULE TABL	E	
TIVITY TYPE DESCRIPTION	MOT APPLICATION	WORKING HOURS
ATION SIGN INSTALLATION ON OF TEMPORARY CONSTRUCTION SIGNS ON OF DRUMS	APPLICATION I, II	(WEEKDAYS, DURING OFF-PEAK HOURS) 8AM TO 3PM & 8PM TO 5AM
AND RAMPS N OF EXISTING SIDEWALKS (WHERE APPLIES) TION OF NEW SIDEWALK (WHERE APPLIES) ON OF NEW SOLAR LIGHTING POLES	APPLICATION I, II, III	(WEEKDAYS, DURING OFF-PEAK HOURS) 8AM TO 3PM
GNING AND PAVEMENT MARKING ON OF NEW TRAFFIC SIGNS DF EXISTING PAVEMENT MARKINGS ON OF NEW PAVEMENT MARKINGS	APPLICATION I, II, III	(WEEKDAYS, DURING OFF-PEAK HOURS) 8AM TO 3PM

THE PROJECT WILL BE IMPLEMENTED BY THE PHASES SHOWN ON THIS TABLE. THE CONTRACTOR WOULD DEVELOP A CONSTRUCTION SCHEDULE FOR THE EVALUATION AND APPROVAL OF THE PROJECT ENGINEER CONSIDERING THE ORDER OF THE PHASES. THE CONTRACTOR CAN MODIFY THAT ORDER BY PRESENTING RECOMMENDATIONS IN THE CONSTRUCTION SCHEDULE.

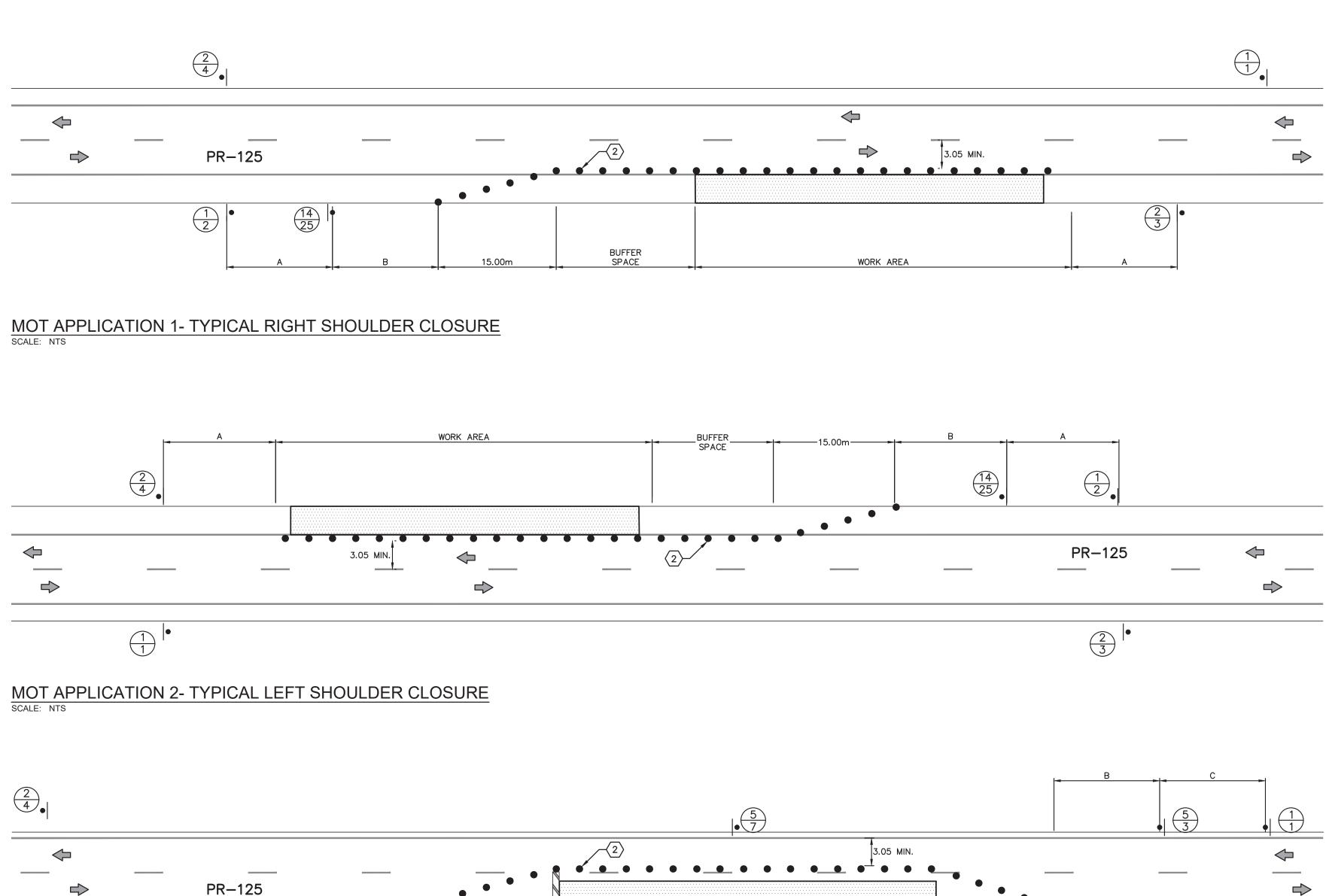
### AMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS PECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICAB EL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABI E LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENT LAS AGENCIAS, JUNTAS REGLAMENTADORAS ORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIF DEMÁS. QUE EN LA PREPARACIÓN DE ESTOS PLANOS CIFICACIONES SE HA CUMPLIDO CABALMENTE CON SPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚ MENDADA, CONOCIDA COMO LEY PARA LA INVERCIÓN POR I INDUSTRIA PUERTORRIQUEÑA Y CON LA (LEY NÚM. 319 DEL : /IAYO DE 1938 , SEGÚN ENMENDADA; LEY NÚM. 96 DEL 6 JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO PO DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS GENTES O EMPLEADOS. O POR OTRAS PERSONAS CON M ONOCIMIENTO. ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN UDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFORMATION PR-CRP-000342 SOLAR LIGHTING AND **RECONSTRUCTION OF SIDEWALKS** AT EMERITO ESTRADA RIVERA AVENUE (PR-125) SAN SEBASTIAN PUERTO RICO REVISIONS DATE DESCRIPTION 30% DESIGN DRAWINGS 12/19/22 2 60% DESIGN DRAWINGS 02/02/23 3 90% DESIGN DRAWINGS 05/30/23 4 100% DESIGN DRAWINGS 09/01/23 DATE ISSUED: 05/12/23 **REVIEWED BY:** LMR DRAWN BY: AMC DESIGNED BY: LMR BRA PROJECT NUMBER: 22018 SHEET TITLE

LUZ M. RODRIGUEZ TORRES, LIC. 17504, CERTIFICO QUE S ROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/O PREPAR STOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTAR

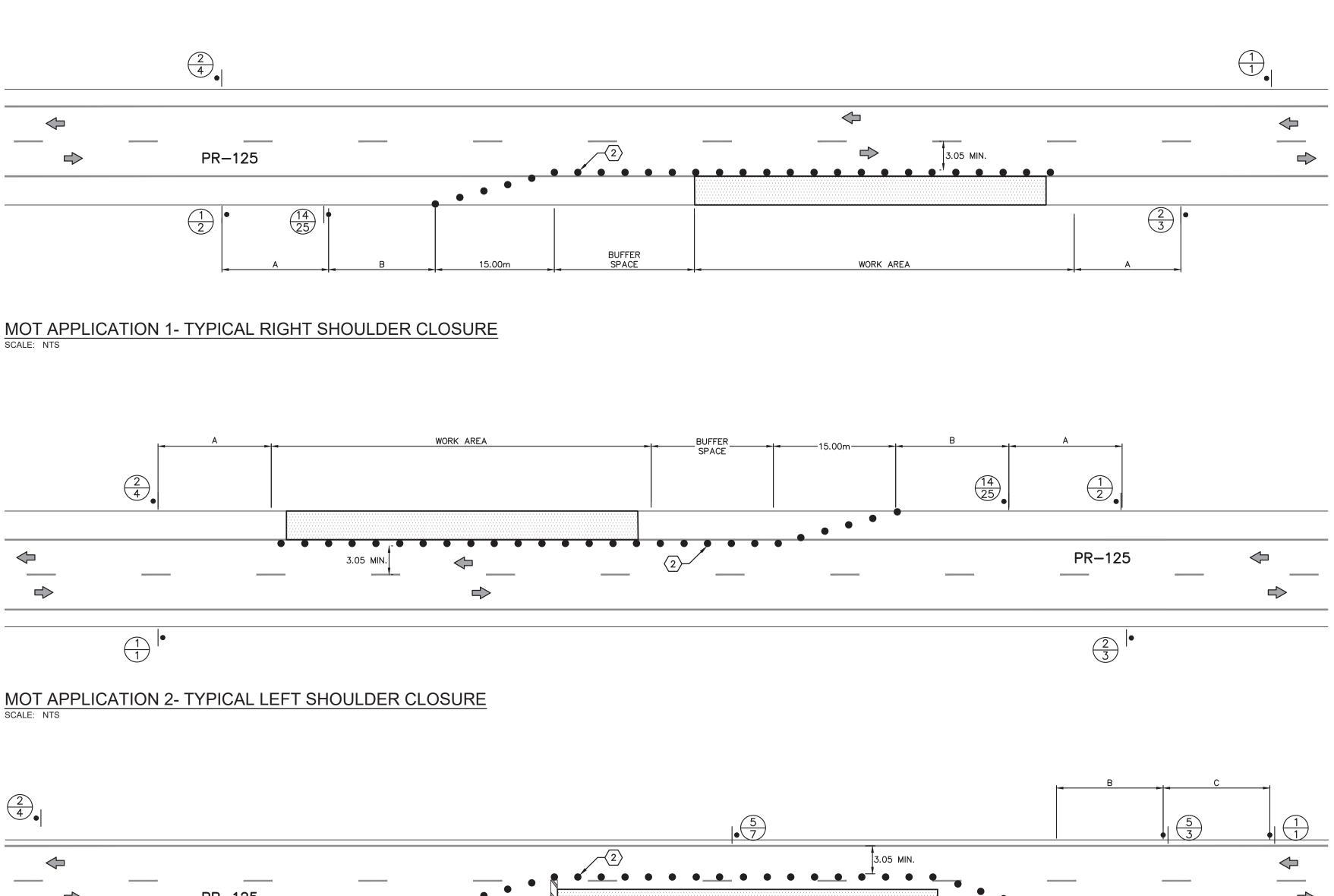
MAINTENANCE OF TRAFFIC LEGEND, TABLES AND NOTES

SHEET ID

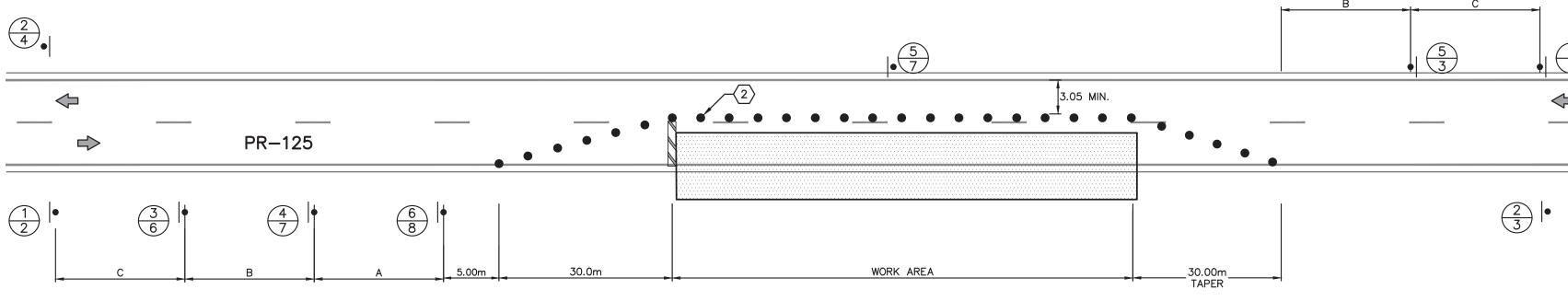
 $MOI^{2}$ 



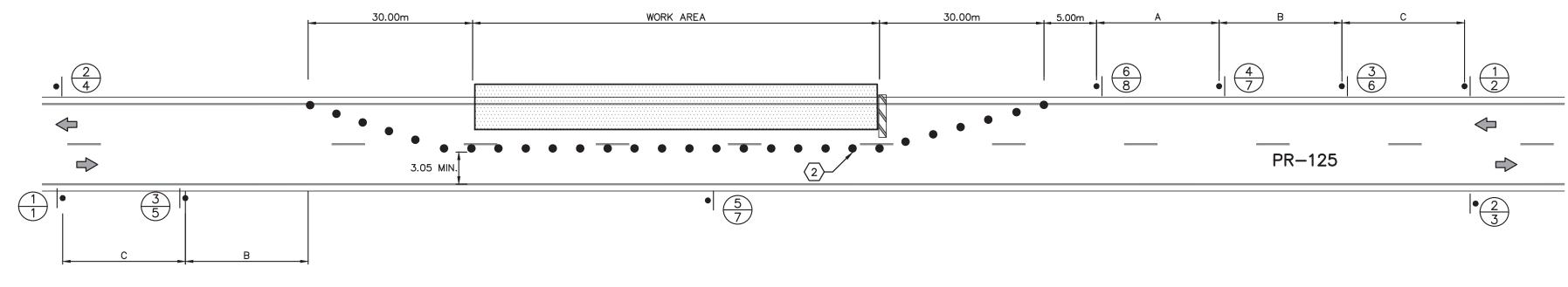
2



3



MOT APPLICATION 3- TYPICAL RIGHT LANE CLOSURE



3

MOT APPLICATION 4- LEFT LANE CLOSURE SCALE: NTS

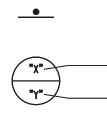
2

1

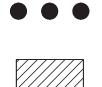
## 5

## LEGEND:

4



TRAFFIC SIGN LOCATION - CODE NUMBER - LOCATION NUMBER





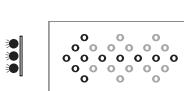
AREA UNDER CONSTRUCTION

TRAFFIC DIRECTION

TYPE 3 BARRICADE

PLASTIC DRUMS

FLAGGER

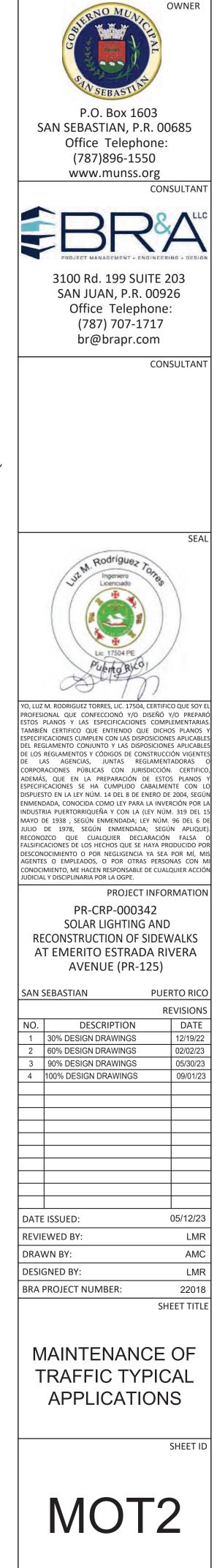


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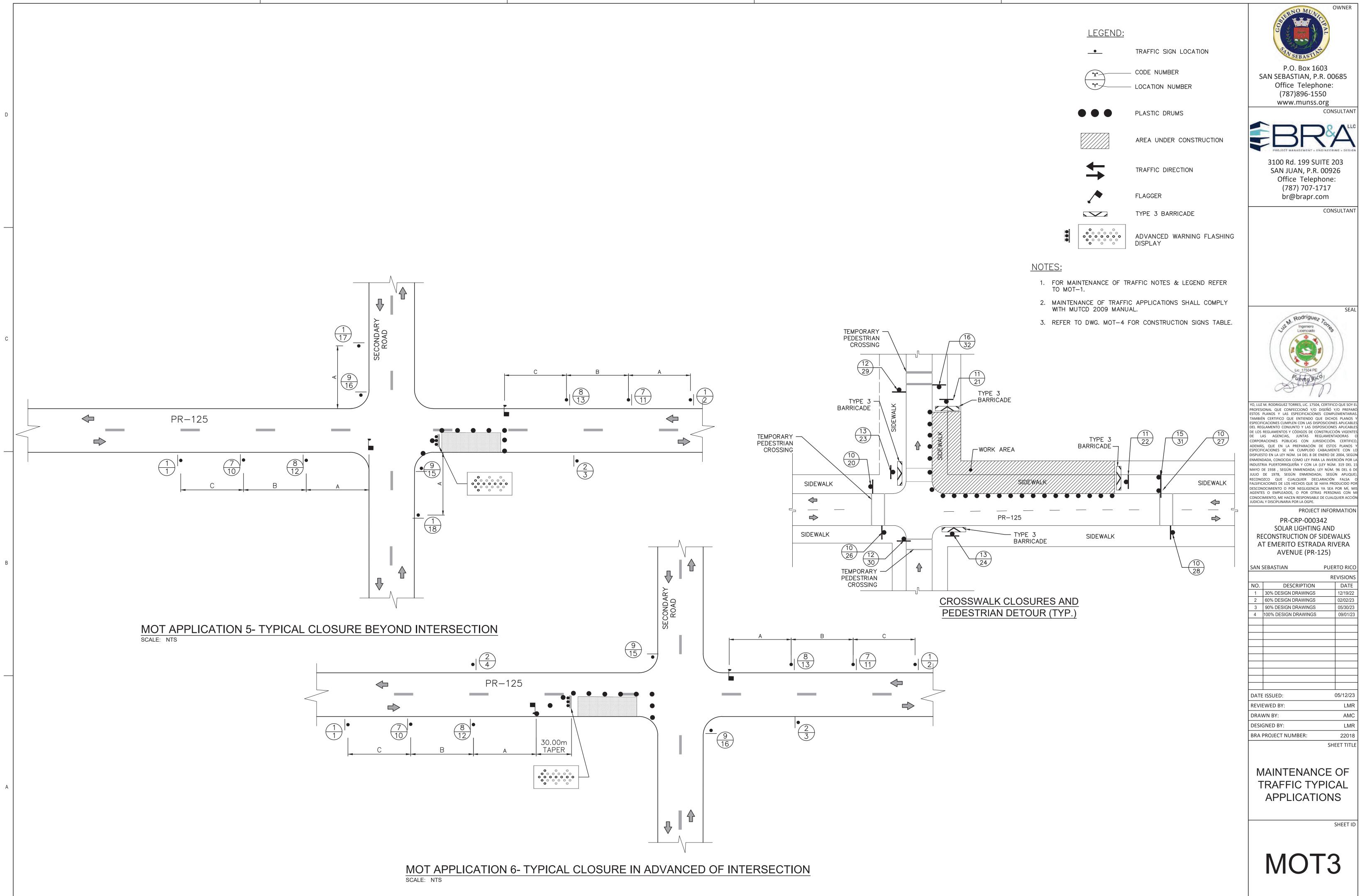
ADVANCED WARNING FLASHING DISPLAY

## NOTES:

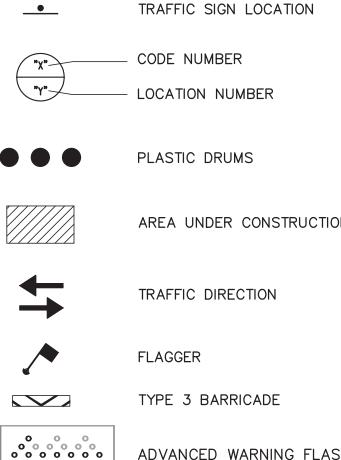
- 1. FOR MAINTENANCE OF TRAFFIC NOTES & LEGEND REFER TO MOT-1.
- 2. MAINTENANCE OF TRAFFIC APPLICATIONS SHALL COMPLY WITH MUTCD 2009 MANUAL.
- 3. REFER TO DWG. MOT-4 FOR CONSTRUCTION SIGNS TABLE.

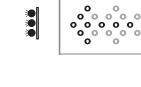


4









### CONSTRUCTION SIGNS:

1

CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
1	1,2,17,18	W20-1	CARRETERA EN CONSTRUCCION ADELANTE	36" X 36"	N/A	SEE D.T.P.W. MANUAL 2020	4
2	3,4	G20-2	TERMINA CONSTRUCCION	36" X 18"	N/A	SEE D.T.P.W. MANUAL 2020	2
3	5	W3-2 W3-2A(PR)	CEDA ADELANTE	36" X 36" 18" X 24"	N/A	SEE D.T.P.W. MANUAL 2020	1
4	6	R1-2	CEDA	36" X 36" X 36"	N/A	SEE D.T.P.W. MANUAL 2020	1
5	7	W1-4		36" X 36"	N/A	SEE D.T.P.W. MANUAL 2020	1
6	8	W20-4	CARRETERA DE UN CARRIL ADELANTE	36" X 36"	N/A	SEE D.T.P.W. MANUAL 2020	1
7	10,11	W20-4	CARRETERA DE UN CARRIL 300MTS	36" X 36"	N/A	SEE D.T.P.W. MANUAL 2020	2
8	12,13,14	W20-7a		36"X 36"	N/A	SEE D.T.P.W. MANUAL 2020	3
9	15,16	R1-1	PARE	30" × 30"	N/A	SEE D.T.P.W. MANUAL 2020	2
10	19, 20, 26, 27, 28	W11-2 W16-7p(I)		30"X30" 30"X18"	N/A	SEE D.T.P.W. MANUAL 2020	5
11	21,22	R9–9	ACERA CERRADA	24"X 18"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	2
12	29, 30	W11-2 W16-7p(D)		30"X30" 30"X18"	N/A	SEE D.T.P.W. MANUAL 2020	2

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CODE No.	LOCATION No.	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
13	23,24	R9–10	ACERA CERRADA CRUCE OTRO LADO	42" X 24"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1
14	25	W21-5	TRABAJO EN PASEO 150 MTS	36" × 36"	N/A	SEE D.T.P.W. MANUAL 2020	1
15	31	R9–11(I)	ACERA CERRADA ADELANTE CRUCE AQUI	36" X 30"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1
16	32	R9–11(D)	ACERA CERRADA ADELANTE CRUCE AQUI	36" X 30"	N/A	SEE MUTCD 2009 & GUIDE SIGN DETAIL	1

3

3

## <u>NOTES:</u>

4

4

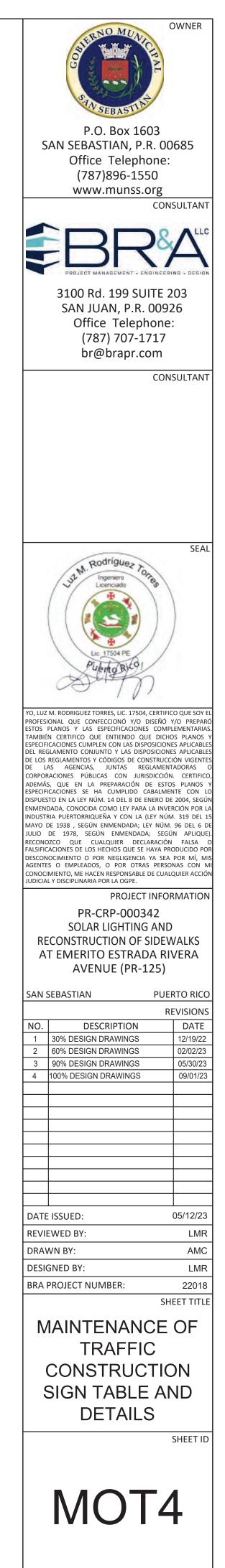
1. FOR MAINTENANCE OF TRAFFIC NOTES & LEGEND REFER TO DWG. MOT/1

5

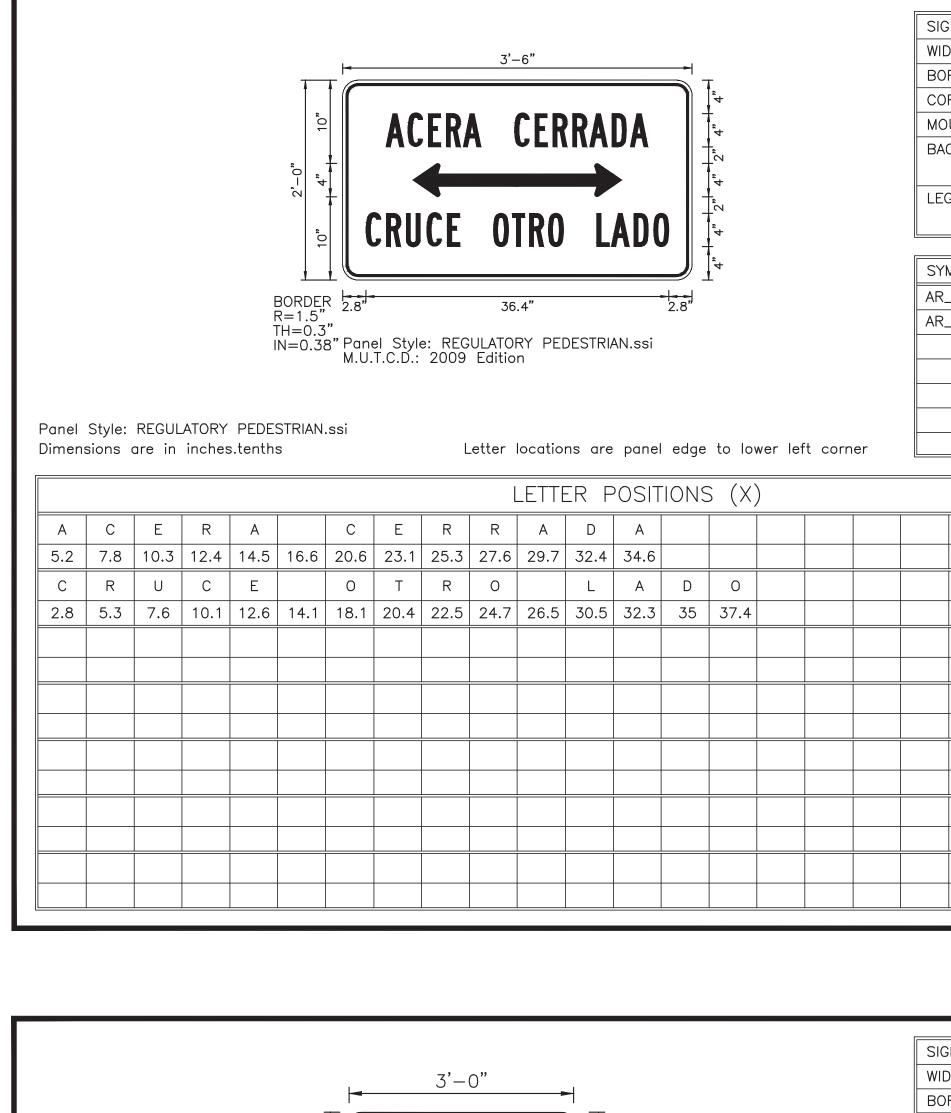
- 2. MAINTENANCE OF TRAFFIC APPLICATIONS MUST COMPLY WITH MUTCD 2009 MANUAL.
- SIGNS MUST COMPLY WITH DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS' "MANUAL DE ROTULACION PARA LAS VIAS PUBLICA DE PUERTO RICO" 2020 & MUTCD 2009 MANUAL.

5

4. FOR GUIDE SIGN DETAIL SEE DWG. MOT-5





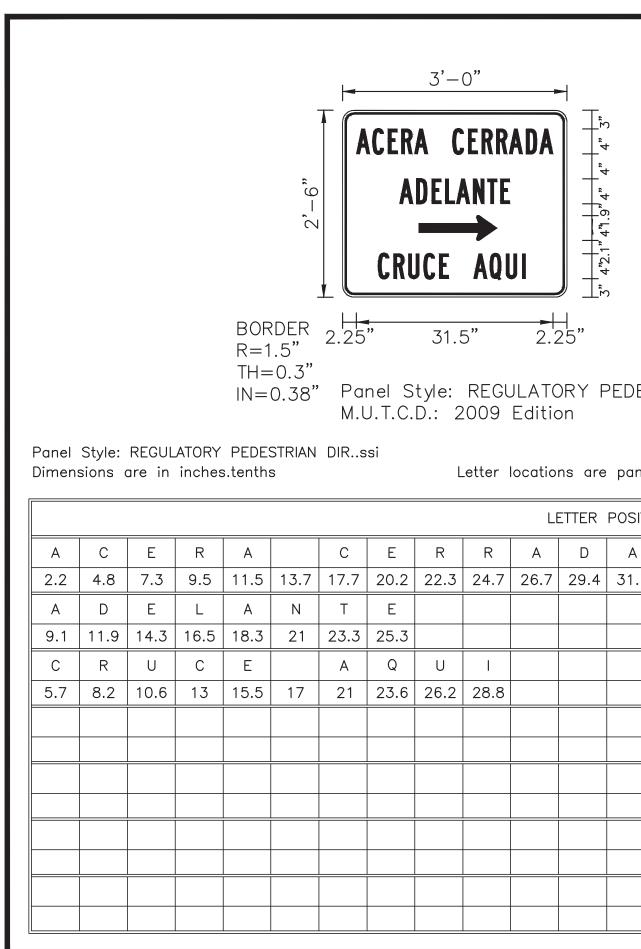


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					2'-6"			A C Del/			Ĩ,	F					
				BOF	RDER 1.5"			JCE 31.5				+ - - - - - - - - - - - - - - - - - - -					S
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А	D	E	L	A	N	Т	E										
9.1	11.9	14.3	16.5	18.3	21	23.3	25.3										
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5.7	8.2	10.6	13	15.5	17	21	23.6	26.2	28.8								
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SIGN NUMBE WIDTH × HG			3, 13/ 'x 2'						
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CORNER RAI		1.5"							
		Grour	nd						
BACKGROUN	D		TYPE: Reflective						
			COLOR: White						
EGEND/BOI	RDER		TYPE: Reflective						
		COLO	R: Blo	ick/Bl	ack				
					1				
SYMBOL	ROT	X	Y	WID	НТ				
AR_THRU	90	8.4	10	4	12.6				
AR_THRU	270	21	10	4	12.6				
LEN	IGTH	S	ERIES,	/SIZE					
		B 2000	)						
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		B 2000	)						
.36		4	-						
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IGN NUMBER       15/31         IIDTH x HGHT.       3'-0" x 2'-6"         ORDER WIDTH       0.3"         ORNER RADIUS       1.5"         IOUNTING       Ground         ACKGROUND       TYPE:         REGEND/BORDER       TYPE:         ROT       X       Y         VMBOL       ROT       X       Y         YMBOL       ROT       X       Y         YMBOL       ROT       X       Y       WID         R_THRU       90       11.2       9.1       4       12.6         YMBOL       ROT       X       Y       WID       HT         R_THRU       90       11.2       9.1       4       12.6         IID       IID       IID       IID       IID       IID									
IDTH x HGHT.       3'-0" x 2'-6"         ORDER WIDTH       0.3"         ORNER RADIUS       1.5"         IOUNTING       Ground         ACKGROUND       TYPE:         Reflective       COLOR: White         EGEND/BORDER       TYPE:         YMBOL       ROT       X         YMBOL       ROT       X       Y         WID       HT         R_THRU       90       11.2       9.1       4       12.6         YMBOL       ROT       X       Y       WID       HT         R_THRU       90       11.2       9.1       4       12.6         ID       ID       ID       ID       ID       ID         ID       ID<		-0	4 - 1 -						
ORDER WIDTH       0.3"         ORNER RADIUS       1.5"         IOUNTING       Ground         ACKGROUND       TYPE: Reflective         COLOR: White       COLOR: Black/Black         EGEND/BORDER       TYPE: Reflective         YMBOL       ROT       X       Y       WID       HT         R_THRU       90       11.2       9.1       4       12.6         YMBOL       ROT       X       Y       WID       HT         R_THRU       90       11.2       9.1       4       12.6         Image: Second S					<u> </u>				
ORNER RADIUS       1.5"         IOUNTING       Ground         ACKGROUND       TYPE: Reflective         COLOR: White       COLOR: Black/Black         EGEND/BORDER       TYPE: Reflective         YMBOL       ROT       X       Y       WID       HT         R_THRU       90       11.2       9.1       4       12.6         YMBOL       ROT       X       Y       WID       HT         R_THRU       90       11.2       9.1       4       12.6         IOUNTING       IOUOR       IOUOR       IOUOR       IOUOR         IOUOR       IOUOR       IOUOR       IOUOR       IOUOR         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				x 2'	-6				
IOUNTING       Ground         ACKGROUND       TYPE:       Reflective         COLOR:       White         EGEND/BORDER       TYPE:       Reflective         COLOR:       Black/Black         YMBOL       ROT       X       Y         YMBOL       ROT       X       Y       WID         R_THRU       90       11.2       9.1       4       12.6         Image: Second									
ACKGROUND       TYPE:       Reflective         COLOR:       White         EGEND/BORDER       TYPE:       Reflective         COLOR:       Black/Black         YMBOL       ROT       X       Y       WID       HT         R_THRU       90       11.2       9.1       4       12.6         Image: Second		DIUS							
COLOR: White         TYPE: Reflective         COLOR: Black/Black         YMBOL       ROT       X       Y       WID       HT         R_THRU       90       11.2       9.1       4       12.6         Image: Application of the stress of					<u></u>				
EGEND/BORDER       TYPE:       Reflective         VMBOL       ROT       X       Y       WID       HT         R_THRU       90       11.2       9.1       4       12.6         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I         I <t< td=""><td>ACKGROUN</td><td>ט</td><td colspan="7"></td></t<>	ACKGROUN	ט							
COLOR:       Black/Black         YMBOL       ROT       X       Y       WID       HT         R_THRU       90       11.2       9.1       4       12.6         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I       I         I       I       I       I       I       I       I       I       I         I       I       I       I       I       I       I       I									
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R_THRU       90       11.2       9.1       4       12.6         I       I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I         I       I       I       I       I       I       I       I         I									
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B     2000       31.5     4       B     2000       17.7     4       B     2000       B     2000					/0:				
31.5     4       B     2000       17.7     4       B     2000		IGTH	S	ERIES,	/SIZE				
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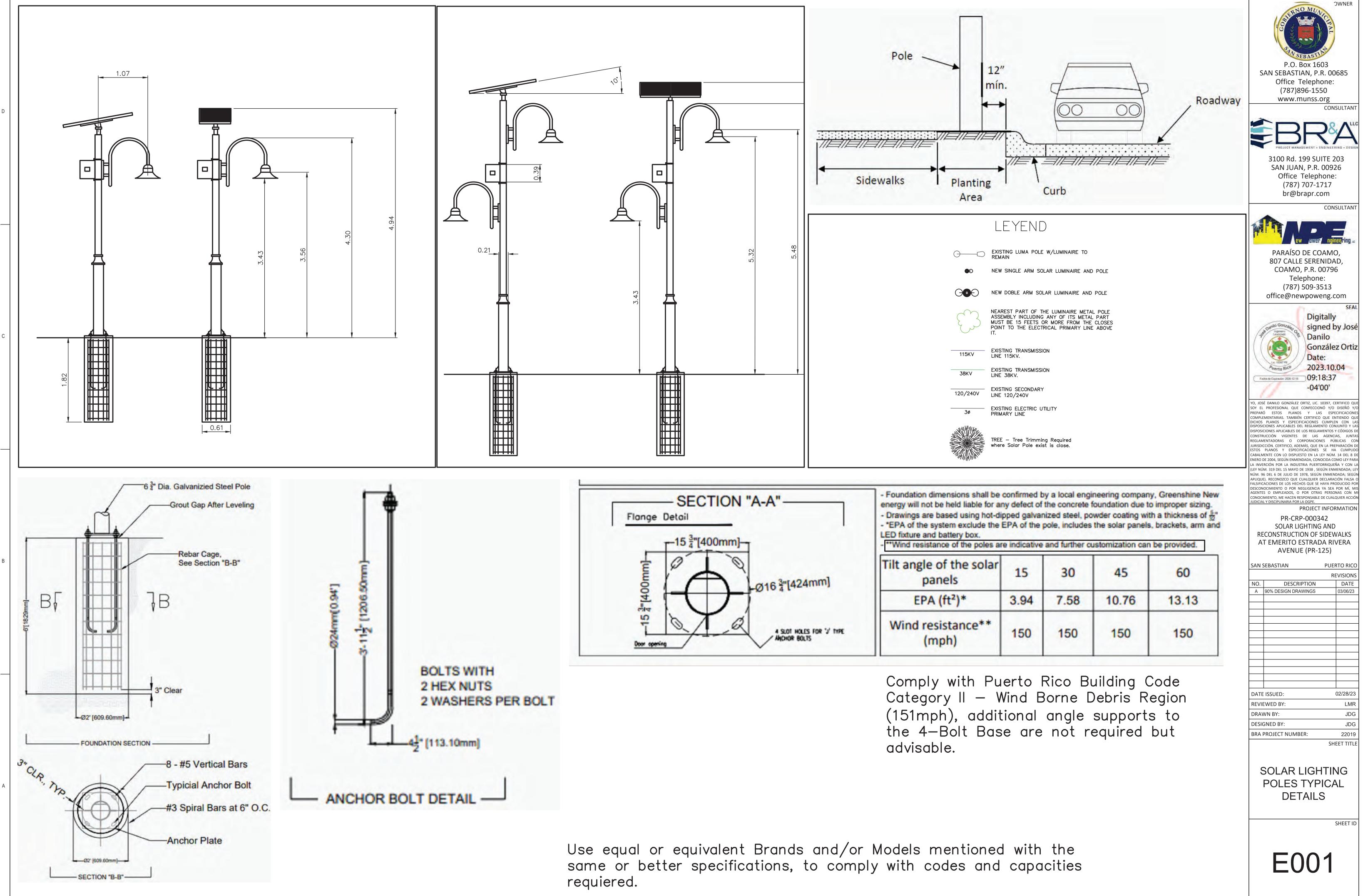
					9-1-			2'-C CE RR	R/			4"++++++++++++++++++++++++++++++++++++					W C M E	IGN NU /IDTH × ORDER ORNER IOUNTIN ACKGRO	HGHT. WIDTH RADIU: G DUND	2'- 0.3' 5 1.5' Gro TYP COL	0" × , und E: _0R: E:	11/22 1'-6" Reflect White Reflect Black/	ive
		REGUL are in	R= TH IN= ATORY		" Po M STRIAN	.95" anel S U.T.C.E .ssi	Style: ).: 200	16.1 REG 9 Editi	" ULA1 ion etter	FORY locatio	3.95" PEDE	STRI,	AN.ss I edge	to lowe	r left co	orner		YMBOL	RC			Y WI 	
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	(787)896-155 www.munss.c	50 org	SULTANT
	3100 Rd. 199 SU SAN JUAN, P.R. Office Telept	0092 none:	26
	(787) 707-1 br@brapr.co	om	SULTANT
		CON	JOLIANI
			SEAL
	JP Rodriguez	Lores	
	uc 17504 PE Pulento Bic	and and	
PROFESI ESTOS	M. RODRIGUEZ TORRES, LIC. 17504, ONAL QUE CONFECCIONÓ Y/O I PLANOS Y LAS ESPECIFICACIONES	DISEÑÓ Y 5 COMPL	/O PREPARÓ EMENTARIAS.
ESPECIFI DEL REC DE LOS DE L	N CERTIFICO QUE ENTIENDO QL ICACIONES CUMPLEN CON LAS DISP SLAMENTO CONJUNTO Y LAS DISP REGLAMENTOS Y CÓDIGOS DE COI AS AGENCIAS, JUNTAS REC IACIONES PÚBLICAS CON JURI:	OSICIONE OSICIONE NSTRUCCI GLAMENT	S APLICABLES S APLICABLES ÓN VIGENTES ADORAS O
ADEMÁS ESPECIFI DISPUES ENMENI	S, QUE EN LA PREPARACIÓN I ICACIONES SE HA CUMPLIDO C ITO EN LA LEY NÚM. 14 DEL 8 DE E DADA, CONOCIDA COMO LEY PARA RIA PUERTORRIQUEÑA Y CON LA (	DE ESTOS ABALMEN NERO DE LA INVEF	S PLANOS Y ITE CON LO 2004, SEGÚN RCIÓN POR LA
MAYO I JULIO RECONO FALSIFIC	DE 1938 , SEGÚN ENMENDADA; LÍ DE 1978, SEGÚN ENMENDADA DZCO QUE CUALQUIER DECL ACIONES DE LOS HECHOS QUE SE	EY NÚM. A; SEGÚ ARACIÓN HAYA PRC	96 DEL 6 DE N APLIQUE). FALSA O DUCIDO POR
AGENTE CONOCI	OCIMIENTO O POR NEGLIGENCIA S O EMPLEADOS, O POR OTRA: MIENTO, ME HACEN RESPONSABLE L Y DISCIPLINARIA POR LA OGPE.	S PERSON DE CUALC	NAS CON MI
DE	PR-CRP-0003 SOLAR LIGHTING	42 i AND	
	T EMERITO ESTRAD AVENUE (PR-1	DA RIV	-
SANS	SEBASTIAN		RTO RICO
NO. 1 2	DESCRIPTION 30% DESIGN DRAWINGS 60% DESIGN DRAWINGS		DATE 12/19/22 02/02/23
3 4	90% DESIGN DRAWINGS 100% DESIGN DRAWINGS		05/30/23 09/01/23
	SISSUED:		05/12/23 LMR
DRA	WN BY:		AMC
	GNED BY: PROJECT NUMBER:		LMR 22018
		SHI	EET TITLE
N	IAINTENAN TRAFFIC S DETAILS	IG	
			SHEET ID
		- ,-	-
	MOT		)



Use equal or equivalent Brands and/or Models mentioned with the same or better specifications, to comply with codes and capacities requiered.

## Light Fixture (GS-LED-L30)

Luminaire Input Voltage Power Consumption Lumen Color Temperature IES Lighting Type Material

24V DC 4000 K V Type Die-cast aluminum

## Solar Panel (1 or 2 Units)

Rating Power Maximum Power Voltage Maximum Power Current Open Circuit Voltage Short Circuit Current Size Weight

## Battery (1 or 2 Units)

Battery Type **Operating Voltage** Capacity Dimensions Expected Life

GEL Deep Cycle Lead-Acid 12 V 150 Ah at 20 hr-rate to 1.75 V per cell at 77°F 16(L)×7(W)×9.2(H) (in) 5~7 years

## Solar Charger

**Operating Voltage** Max. Charge / Load Current Night / Day Detection IP Class

24 V auto recognition 5 A/ 10 A/ 20 A (different models) 2.5 V - 10 V **IP68** 

## Pole

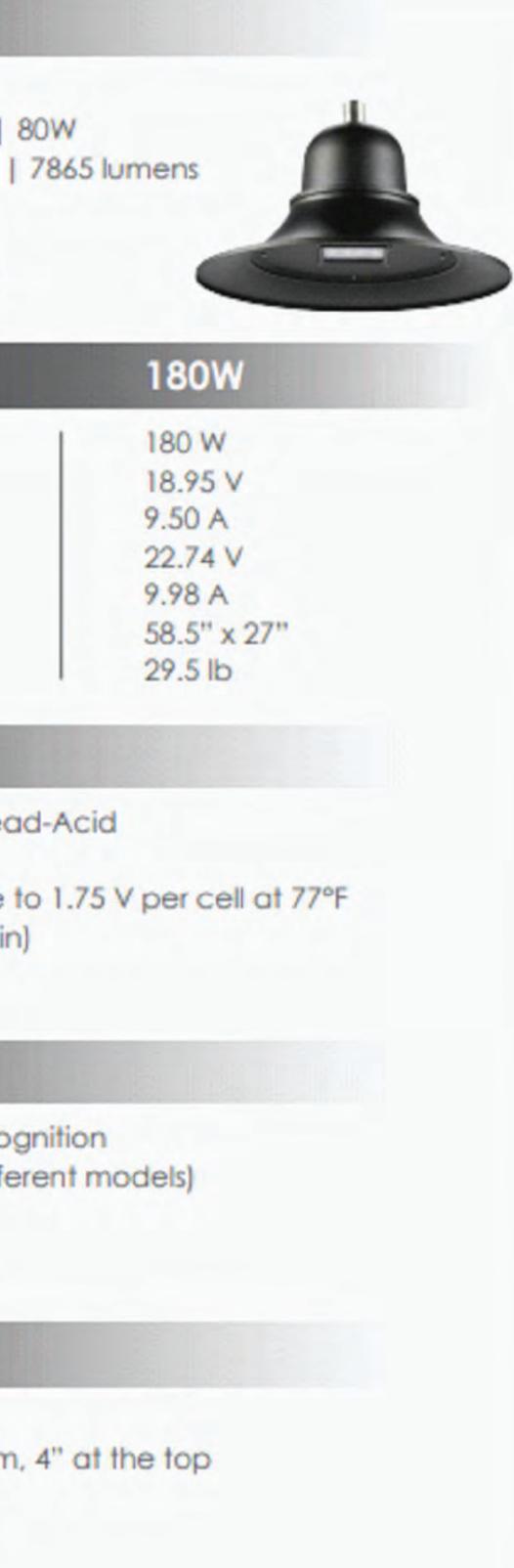
Height Diameter Thickness Material Finishing

1

20 ft 6 3/4" at the bottom, 4" at the top 5/32" **Galvanized Steel** Powder Coating

2

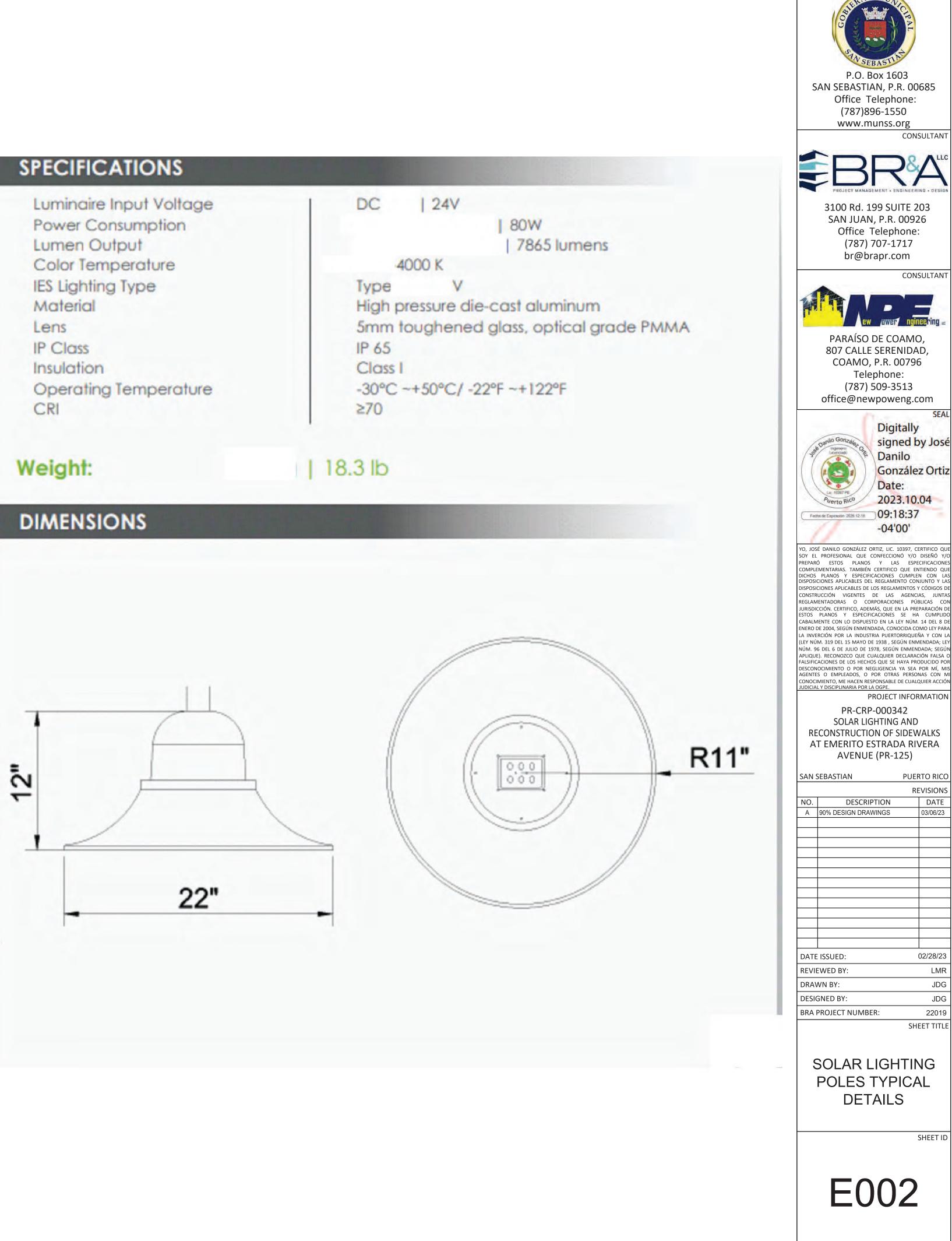
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Luminaire Input Voltage	I DC
Power Consumption	
Lumen Output	
Color Temperature	
IES Lighting Type	Typ
Material	Hig
Lens	5m
IP Class	IP 6
Insulation	Clo
Operating Temperature	-30
CRI	≥70

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PUERTO RICO REVISIONS

DATE

03/06/23

02/28/23

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JDG

22019 SHEET TITLE

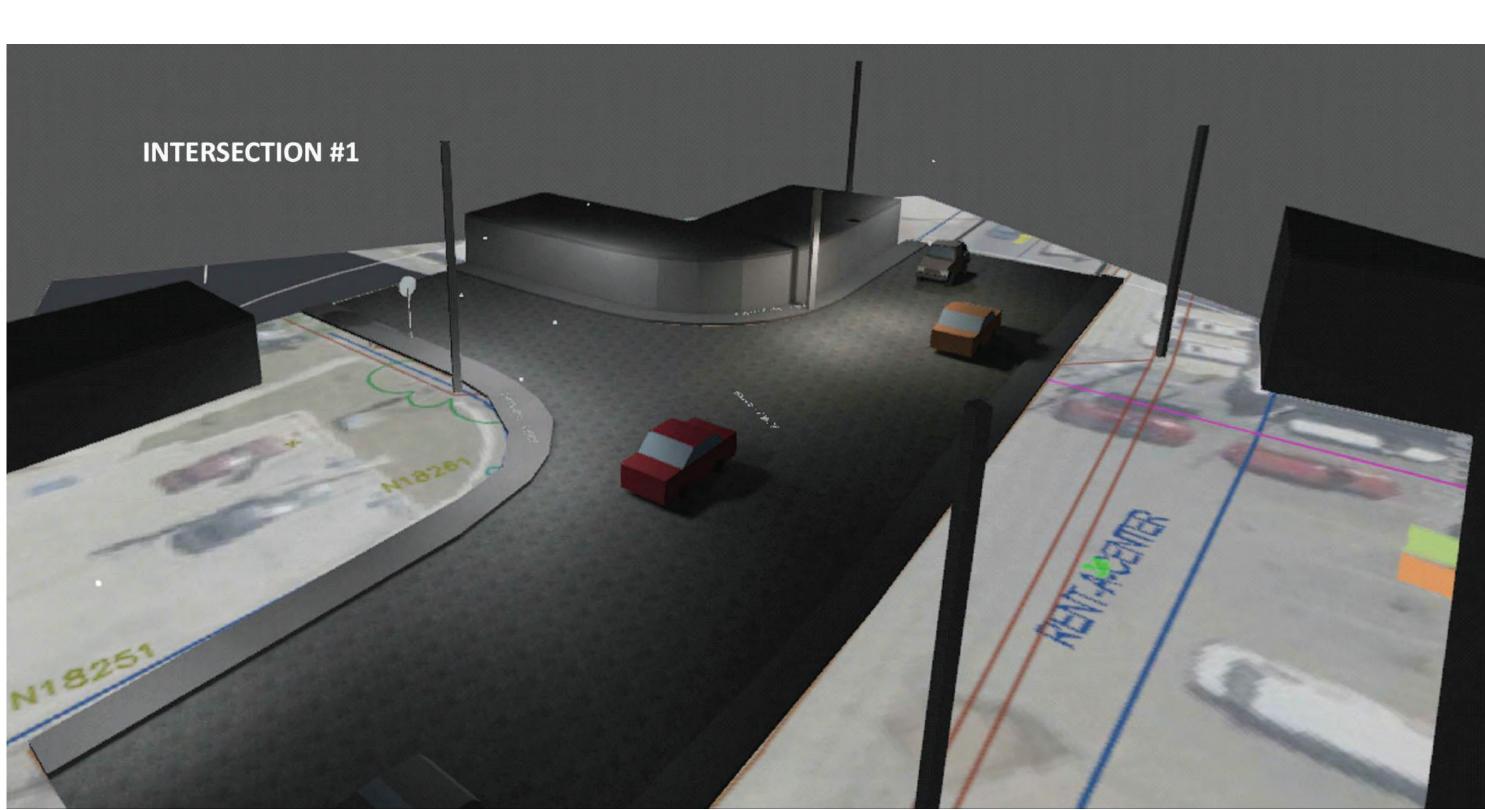
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## **INTERSECTION #1**



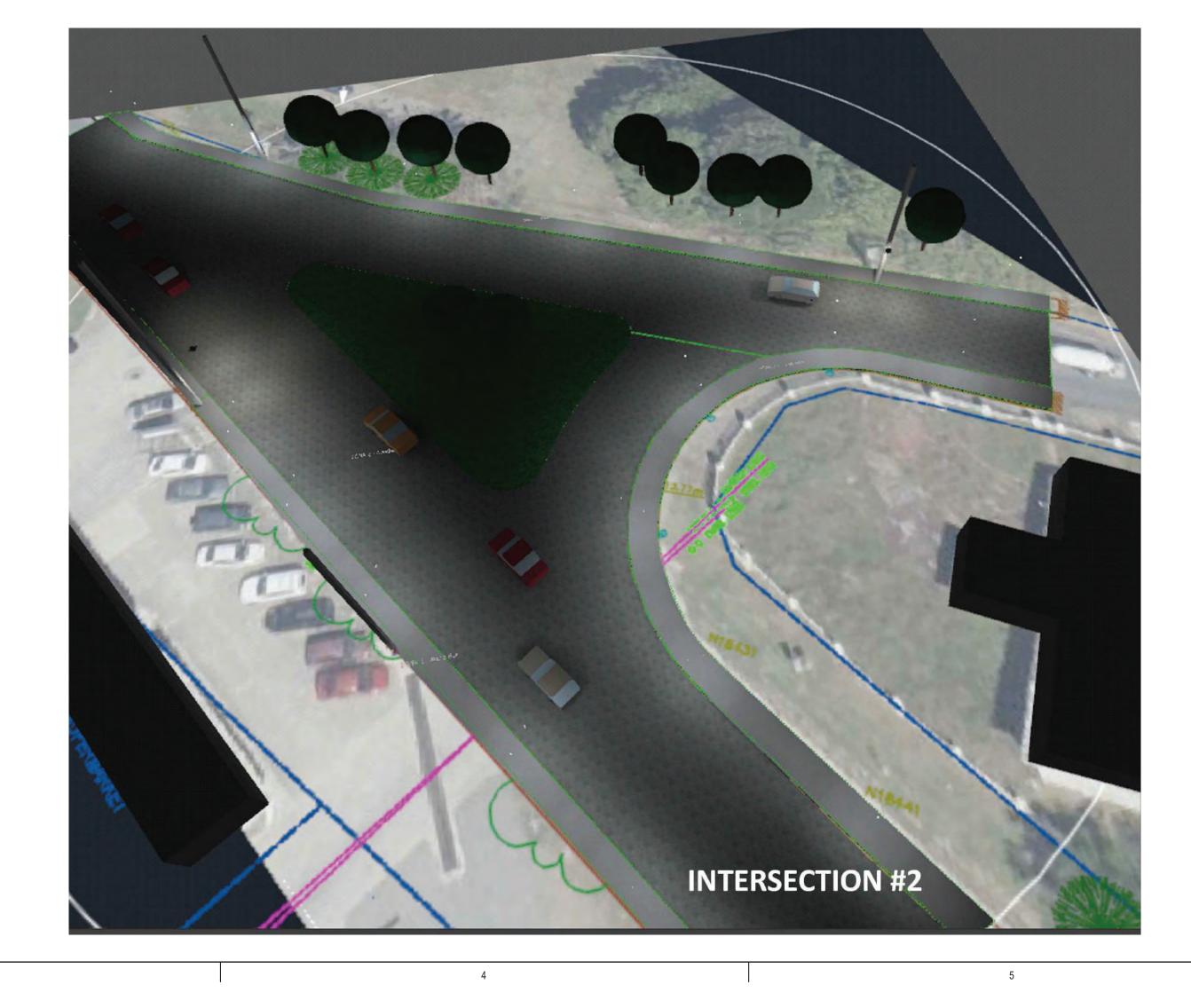
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### Search Q Lighting Calculation 🔿 🔻 📑 Site 💿 🛛 🖷 ZONA 2 - Acera Este 😔 🛛 🔻 🏄 Working plane (ZONA 2 - Acera Este) ▶ 📰 7.07 fc 1.38 2 😔 👘 👘 ZONA 2 - Acera Norte 💿 🛛 👻 🎍 Working plane (ZONA 2 - Acera Norte) ) 🚼 6.13 fc 2.22 🔉 🔹 🖬 ZONA 2 - Acera Sur 💿 🛛 🔻 🏄 Working plane (ZONA 2 - Acera Sur) 💿 🔻 🖬 ZONA 2 - Avenida 👁 🔻 🌌 Working plane (ZONA 2 - Avenida) ) 🖬 2.83 fc 423.5 🕢 🔳

## **INTERSECTION #2**

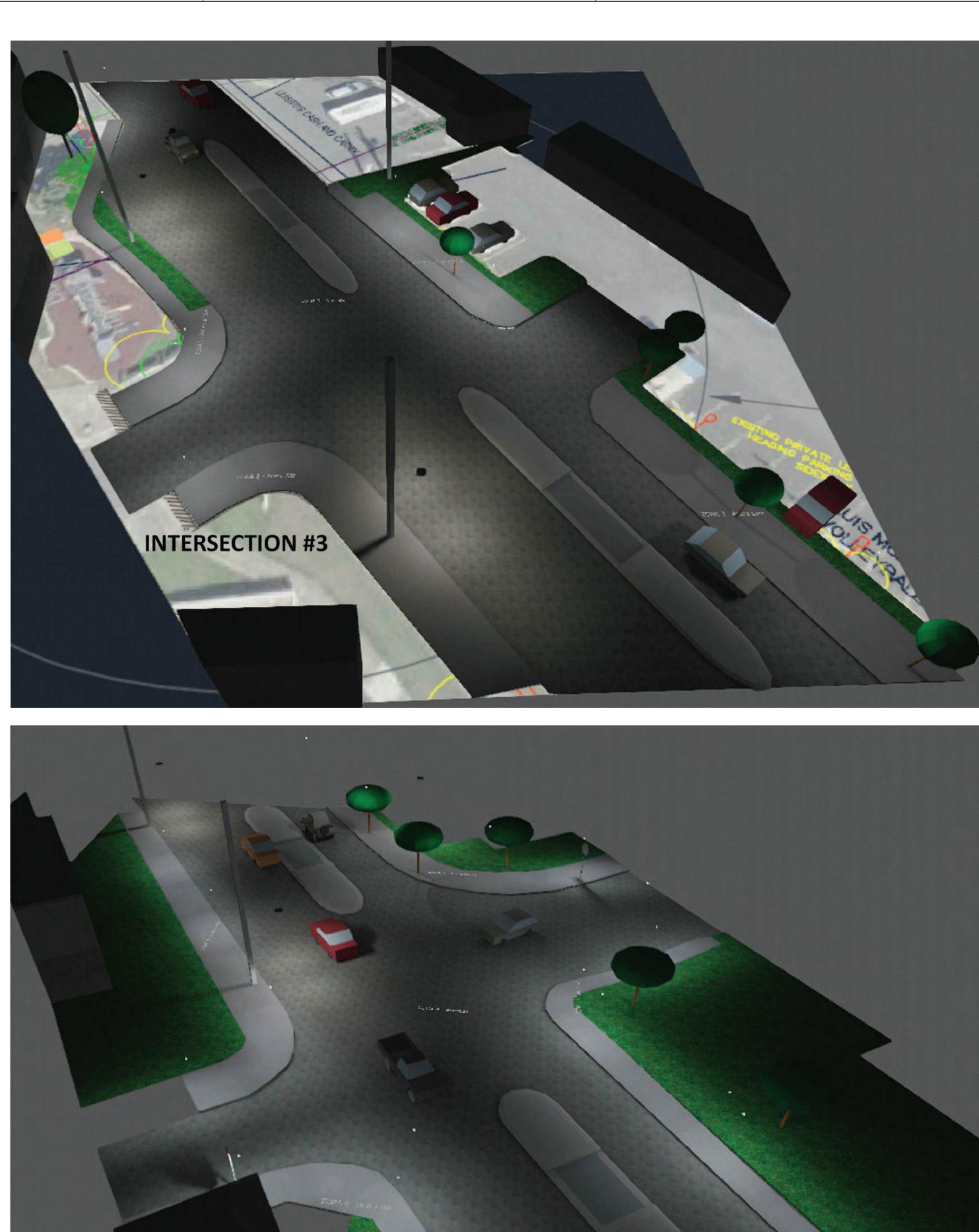
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	PROJECT MANAGEMENT + ENGINEER	
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	(787) 707-1717 br@brapr.com	
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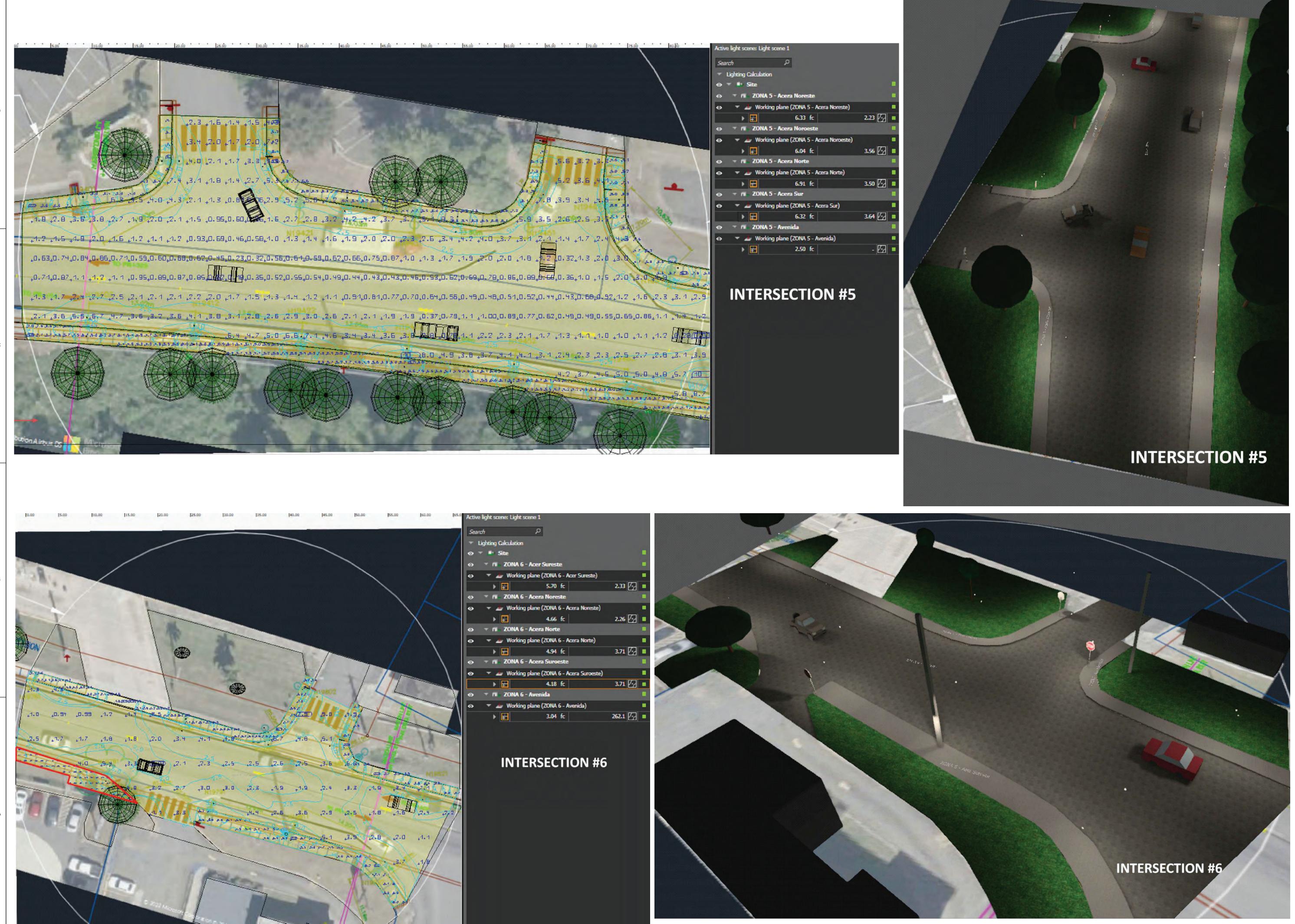


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## **INTERSECTION #4**

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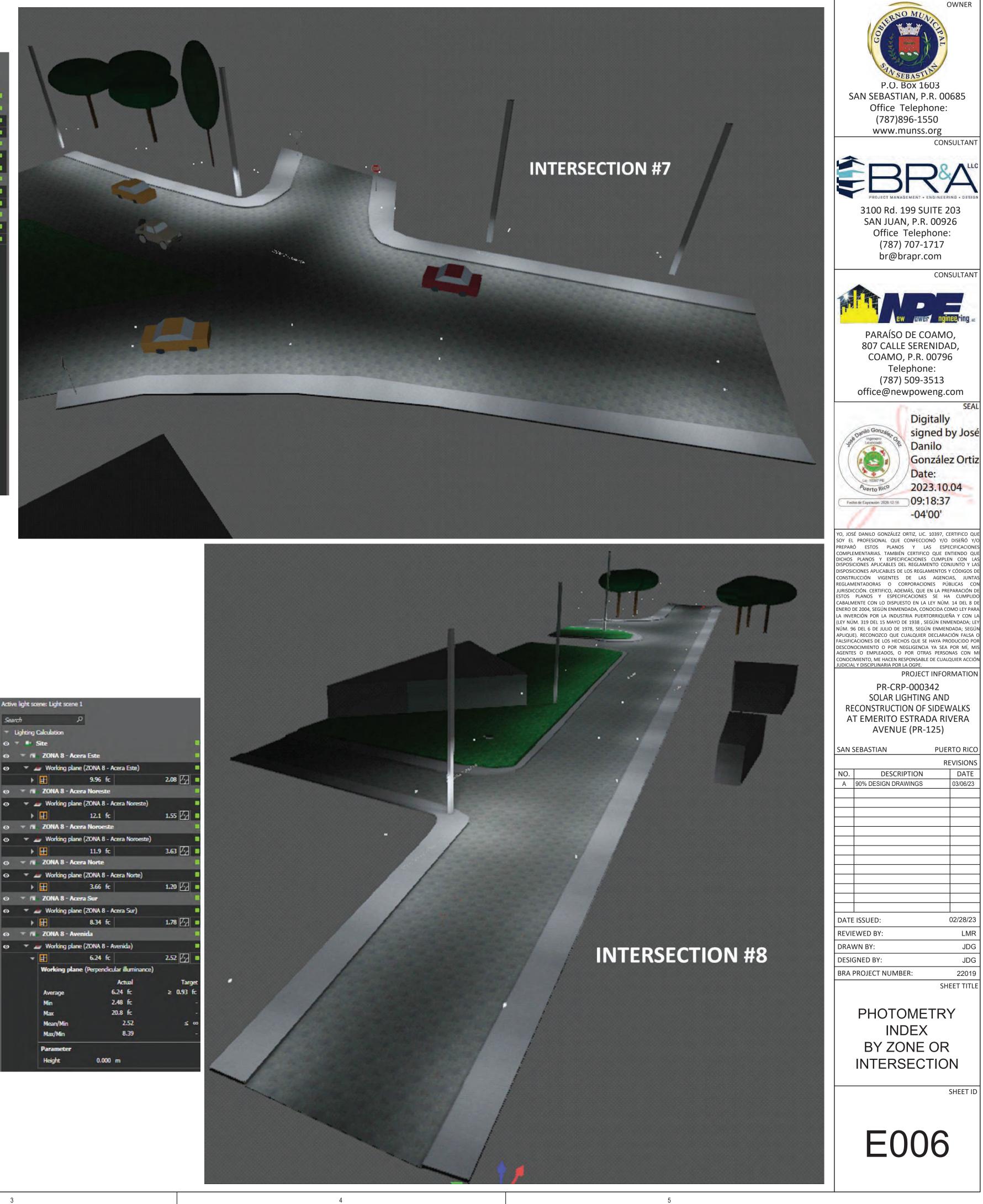


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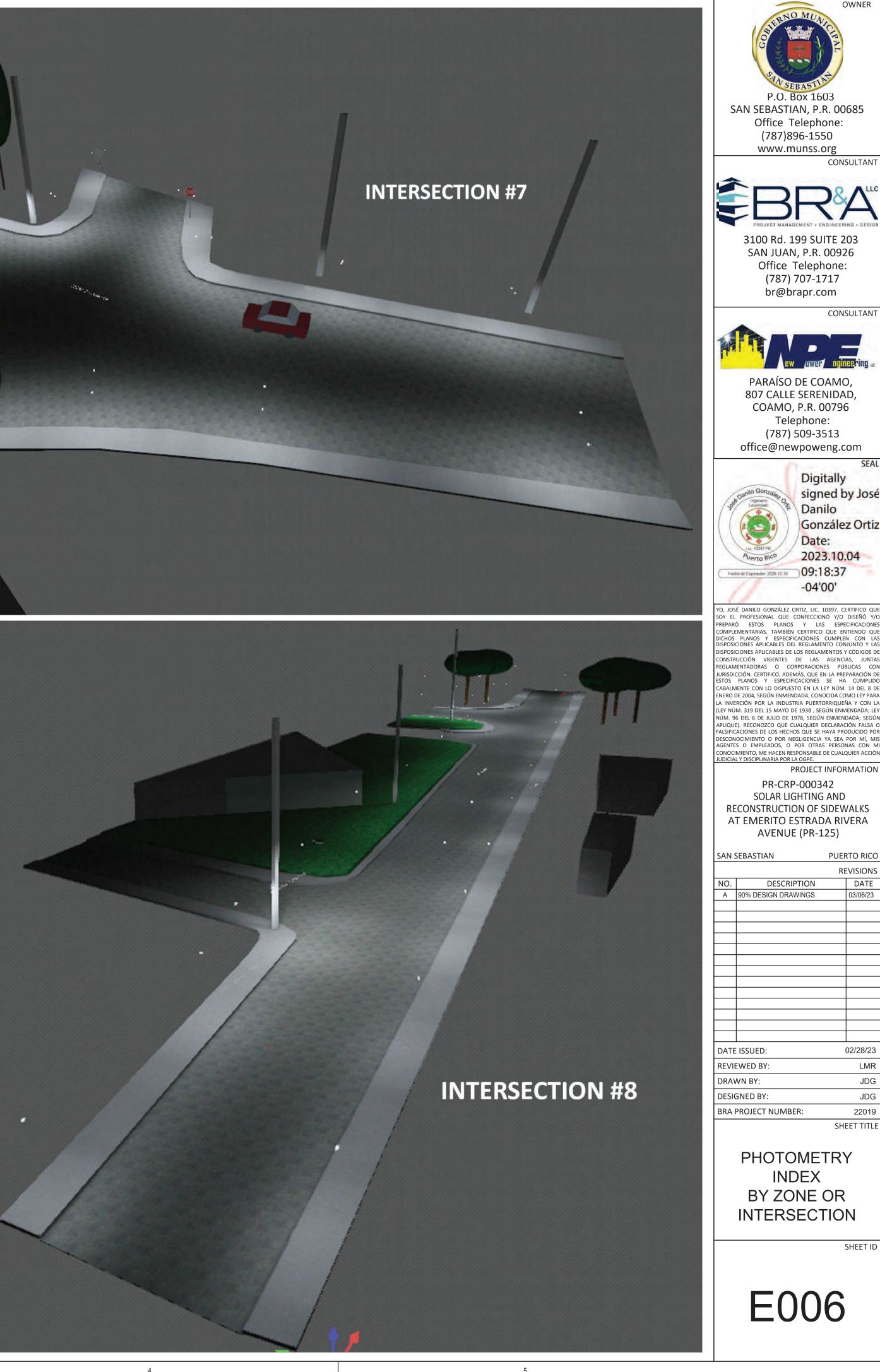
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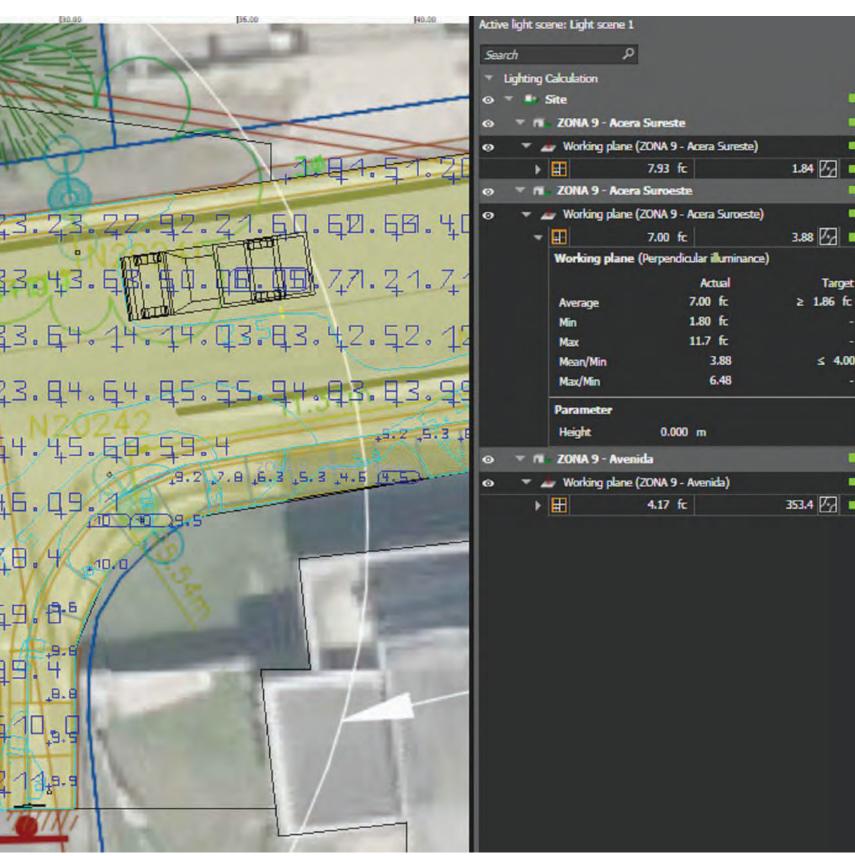
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	<ul> <li>Lighting Calculation</li> </ul>	
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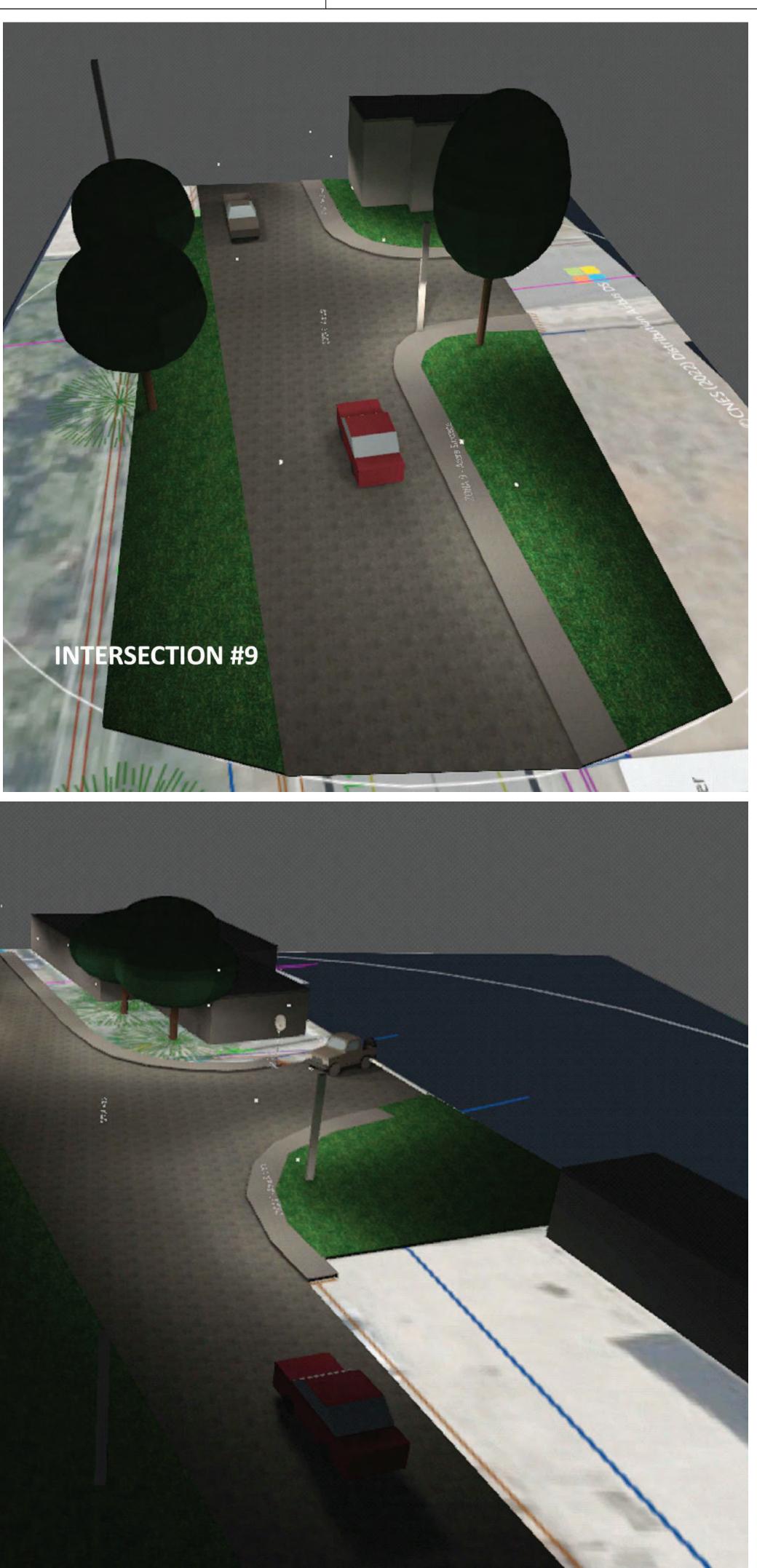


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+		3.66 fc	1.20
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0 T	Working plane	(ZONA 8 - Acera Sur)	-
•	H	8.34 fc	1.78 🛃 🗖
o – m	ZONA 8 - Aver	nida	
• •	Working plane	(ZONA 8 - Avenida)	
*	<b></b>	6.24 fc	2.52 🖓 🗖
	Working plane	(Perpendicular illumin	ance)
		Actual	Target
	Average	6.24 fc	≥ 0.93 fc
	Min	2.48 fc	
	Max	20.8 fc	*
	Mean/Min	2.52	≤ ∞
	Max/Min	8.39	
	Parameter		
	Height	0.000 m	

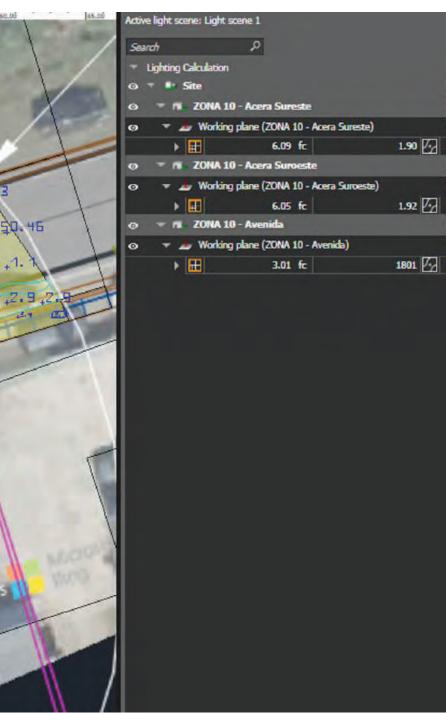


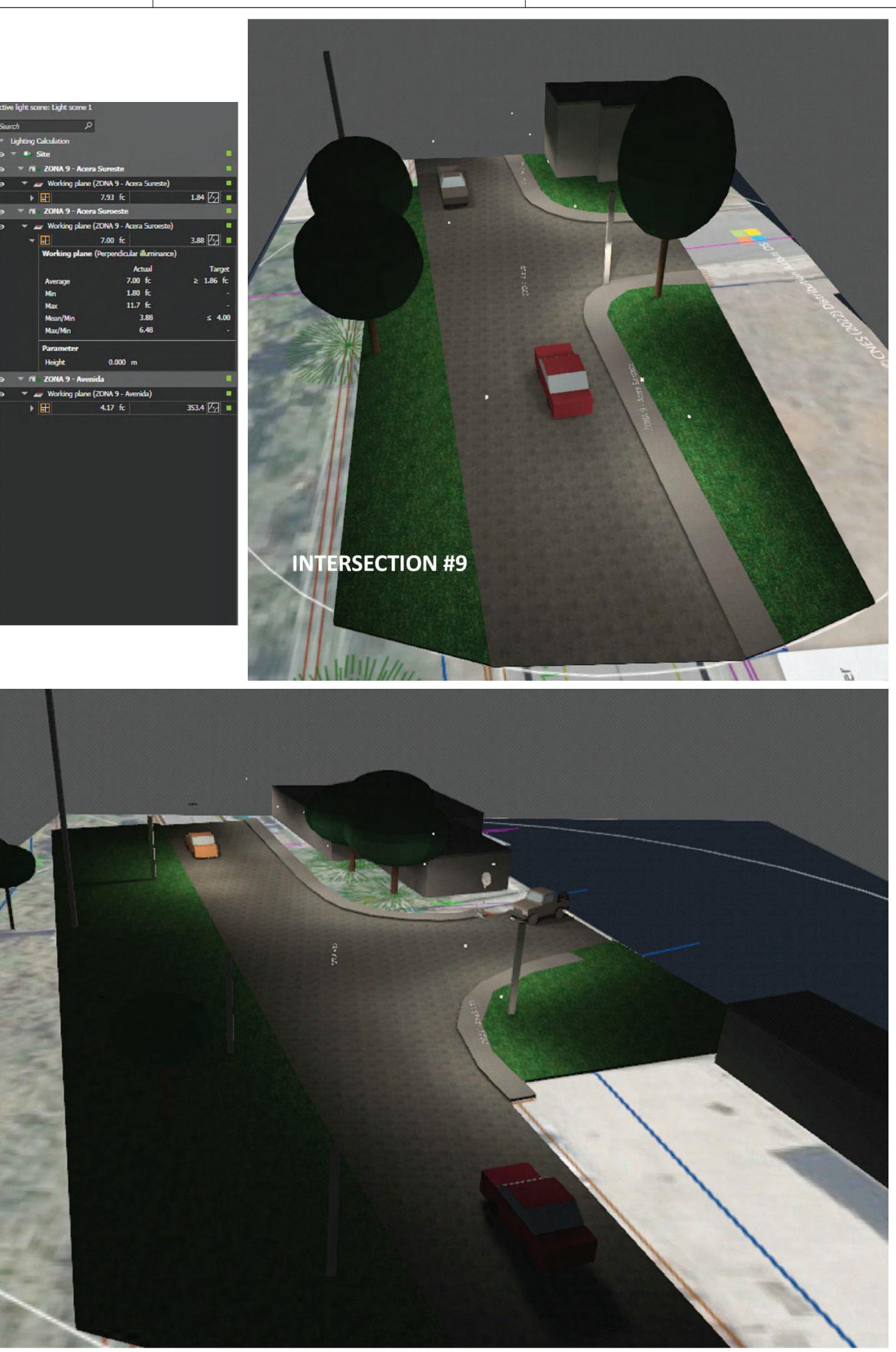
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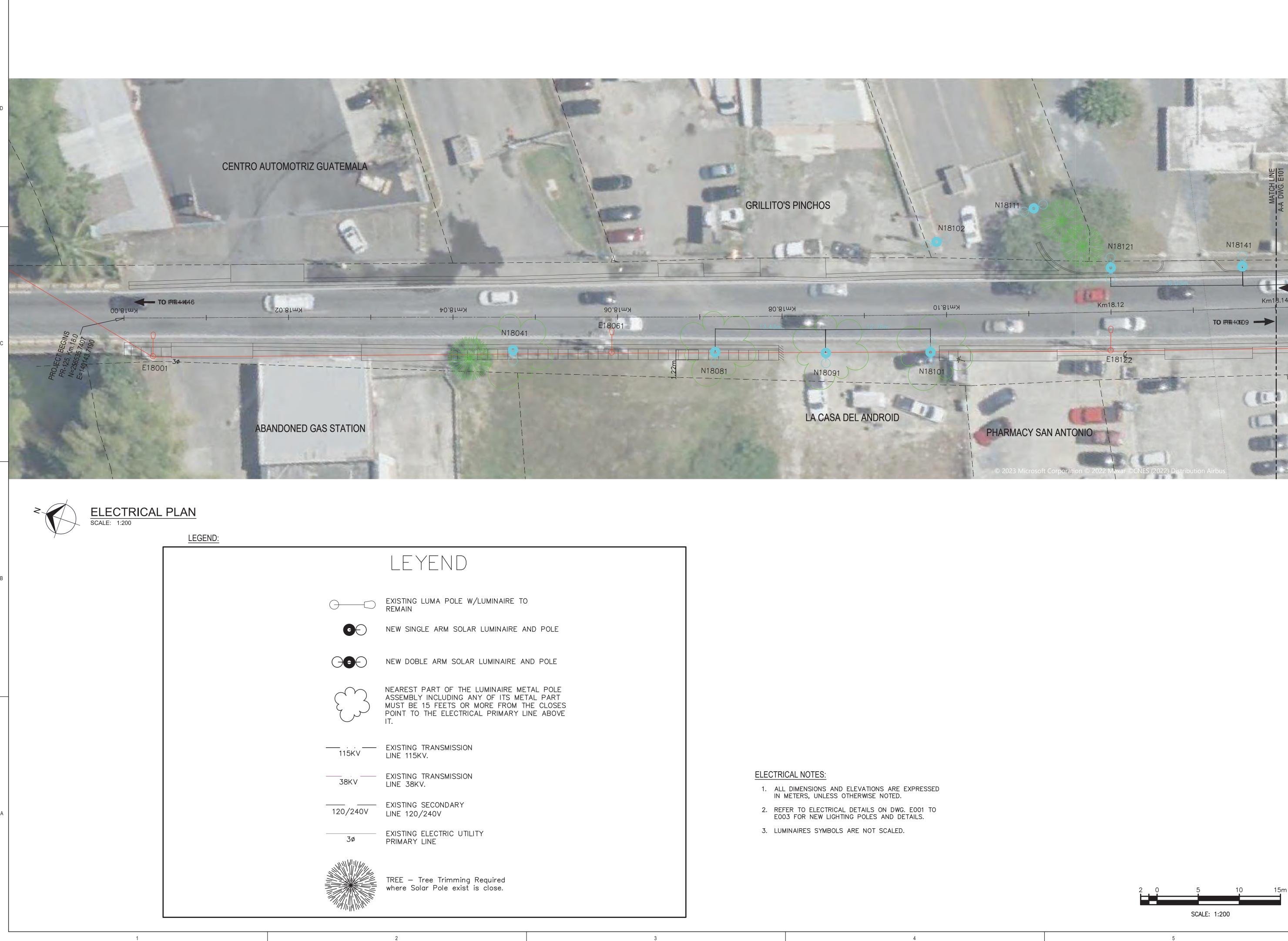
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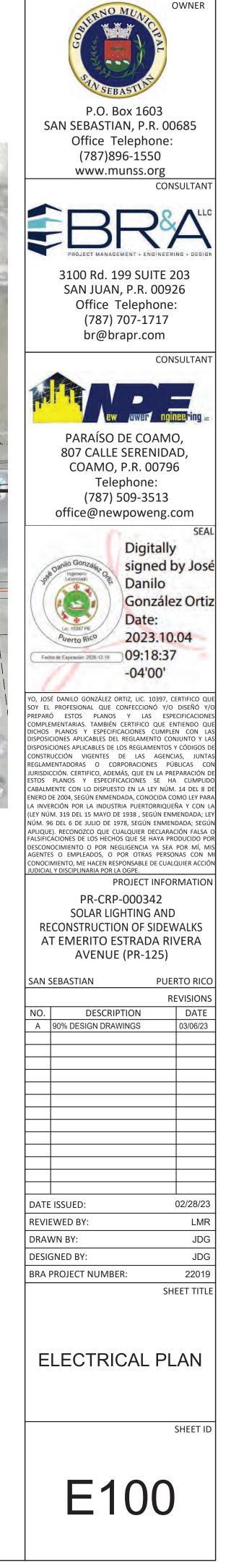




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Sur MUAICE	OWNER
P.O. Box 1603 SAN SEBASTIAN, P.R. 00	685
Office Telephone: (787)896-1550	
www.munss.org	SULTANT
BROJECT MANAGEMENT + ENGINEER	
3100 Rd. 199 SUITE 2 SAN JUAN, P.R. 0092 Office Telephone	26
(787) 707-1717 br@brapr.com	
	SULTANT
807 CALLE SERENIDA COAMO, P.R. 00796	.D,
Telephone: (787) 509-3513 office@newpoweng.c	om
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Puerto Rico 2023.10. Fecha de Expression 2026 12:16 09:18:37 -04'00'	-
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COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE EN DICHOS PLANOS Y ESPECIFICACIONES CUMPLE DISPOSICIONES APLICABLES DEL REGLAMENTO COM DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CONSTRUCCIÓN VIGENTES DE LAS AGENCI	N CON LAS IJUNTO Y LAS 7 CÓDIGOS DE AS, JUNTAS BLICAS CON
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(LEY NÚM. 319 DEL 15 MAYO DE 1938, SEGÚN ENM NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMEN APLIQUE). RECONOZCO QUE CUALQUIER DECLARAC FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRO DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA	DADA; SEGÚN CIÓN FALSA O DDUCIDO POR
AGENTES O EMPLEADOS, O POR OTRAS PERSO CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALO JUDICIAL Y DISCIPLINARIA POR LA OGPE. PROJECT INFOF	NAS CON MI QUIER ACCIÓN
PR-CRP-000342 SOLAR LIGHTING AND RECONSTRUCTION OF SIDEW AT EMERITO ESTRADA RIV AVENUE (PR-125)	/ALKS
NO.         DESCRIPTION           A         90% DESIGN DRAWINGS	DATE 03/06/23
DATE ISSUED:	02/28/23
REVIEWED BY:	LMR JDG
DESIGNED BY: BRA PROJECT NUMBER:	JDG 22019 EET TITLE
PHOTOMETR	
INDEX BY ZONE OR INTERSECTIO	
	SHEET ID
E007	

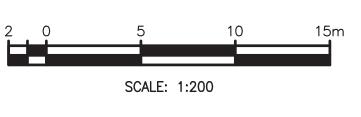














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3100 Rd. 199 SUITE 203 SAN JUAN, P.R. 00926 Office Telephone: (787) 707-1717 br@brapr.com CONSULTANT PARAÍSO DE COAMO, 807 CALLE SERENIDAD, COAMO, P.R. 00796 Telephone: (787) 509-3513 office@newpoweng.com Digitally signed by José Ingeniero Licenciado Danilo González Ortiz Date: 2023.10.04 Puerto Rico Feths de Expiración 2028 12:18 09:18:37 -04'00' YO, JOSÉ DANILO GONZÁLEZ ORTIZ, LIC. 10397, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONÓ Y/O DISEÑÓ Y/C PREPARÓ ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS OSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS NSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS LAMENTADORAS O CORPORACIONES PÚBLICAS CO JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO ABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DEL 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LEY PARA A INVERCIÓN POR LA INDUSTRIA PUERTORRIQUEÑA Y CON LA (LEY NUM. 319 DEL 15 MAYO DE 1938, SEGUN ENMENDADA; LEY NÚM. 96 DEL 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE). RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIONES DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE. NUM. 319 DEL 15 MAYO DE 1938 , SEGUN ENMENDADA; PROJECT INFORMATION PR-CRP-000342 SOLAR LIGHTING AND RECONSTRUCTION OF SIDEWALKS AT EMERITO ESTRADA RIVERA AVENUE (PR-125) SAN SEBASTIAN PUERTO RICO REVISIONS DATE DESCRIPTION A 90% DESIGN DRAWINGS 03/06/23 02/28/23 DATE ISSUED: REVIEWED BY: LMR DRAWN BY: JDG DESIGNED BY: JDG BRA PROJECT NUMBER: 22019 SHEET TITLE ELECTRICAL PLAN SHEET ID E104

OWNER

CONSULTANT

SCALE: 1:200

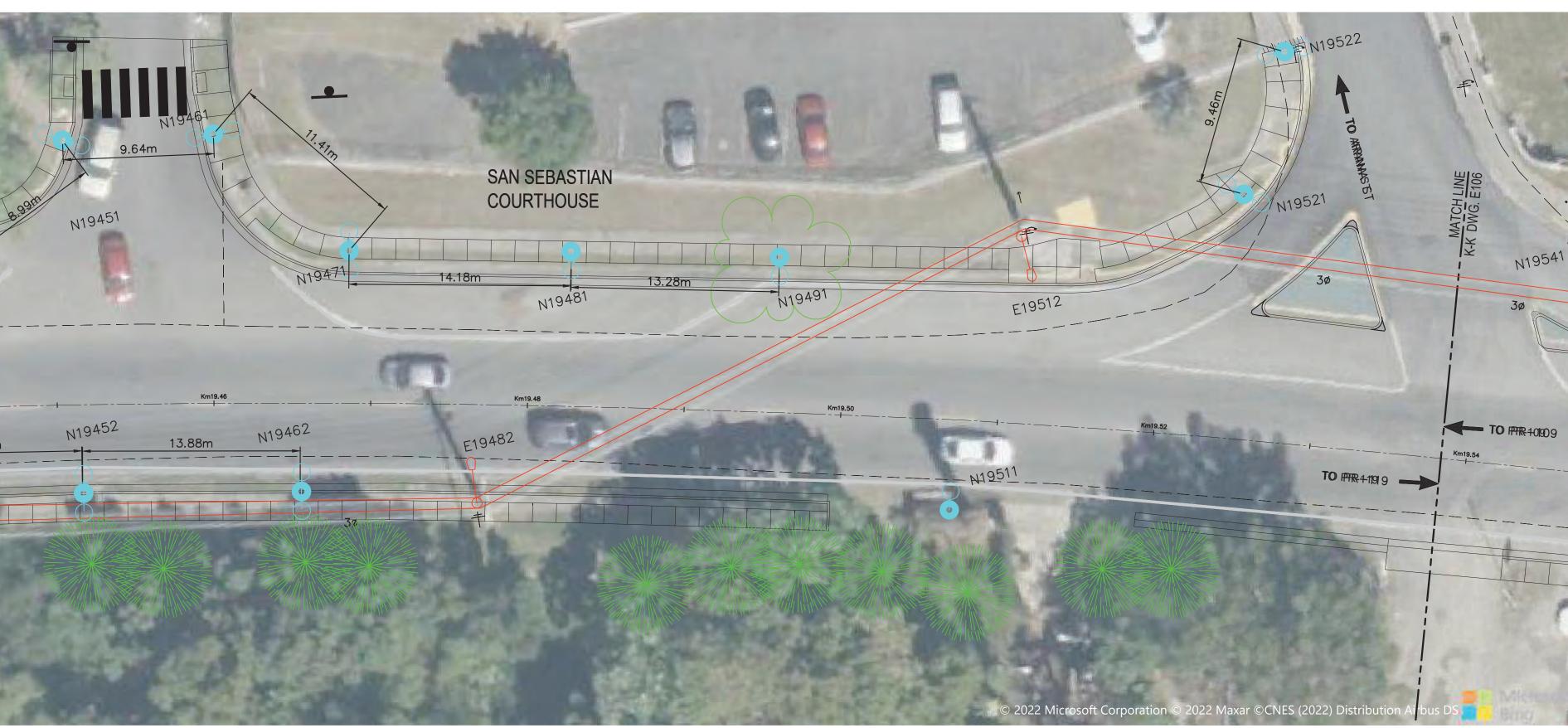
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 $F|_{\mathbb{A}}$ 13.86m 13.14m N19261 N19291 N19271 N19301 - TO PAR-10909 TO PR 13.01m 12.82m 19262 1 F19281 12.88m N19292 ELECTRICAL PLAN SCALE: 1:200 N19411 DWG. B N19421 13.60m N19423 TO ### 101909 Km19.42 N19432 N19422 12.99m N19412 13.05m 13.07m N19402 13.02m ) IPTR-1-1191 9

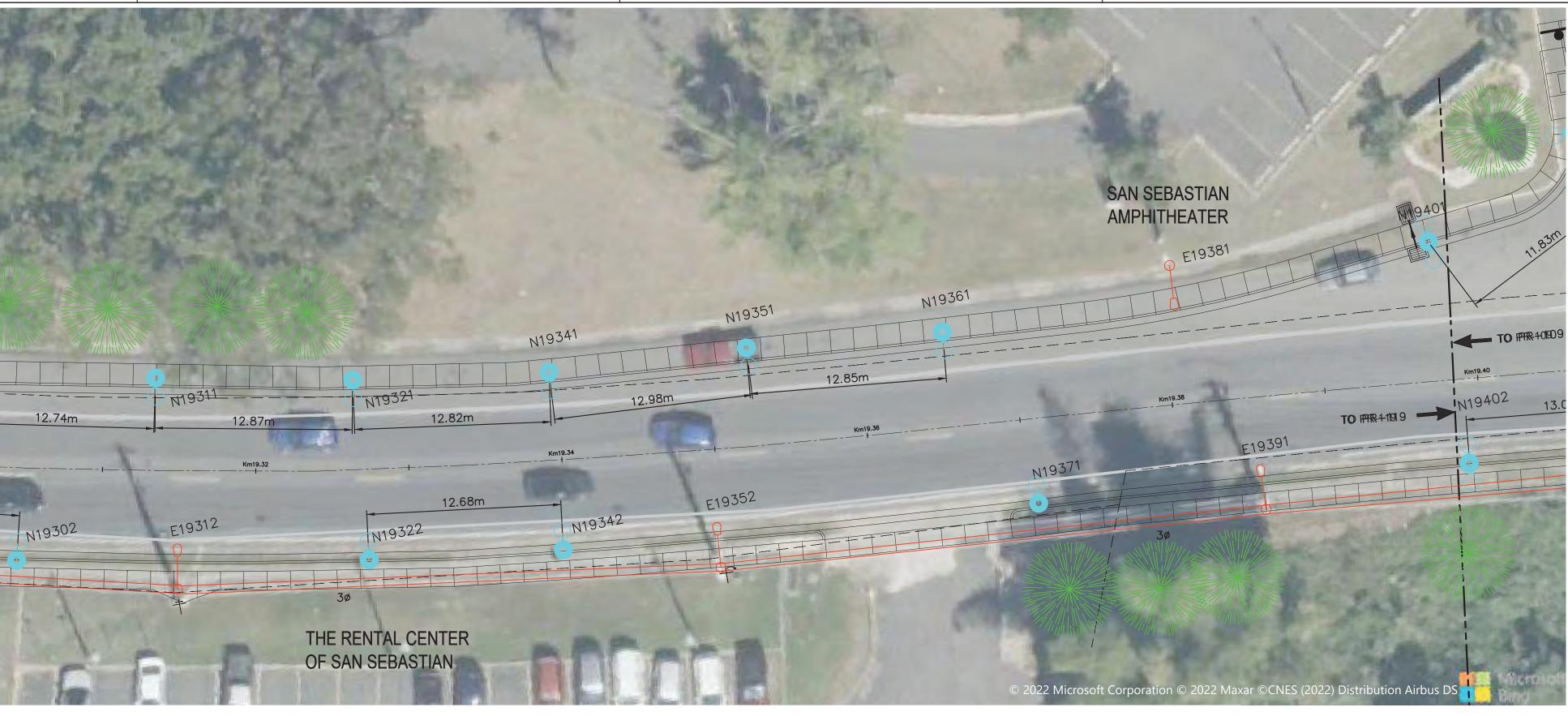


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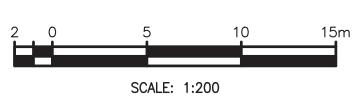


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OWNER



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NOTE:







LMR

JDG

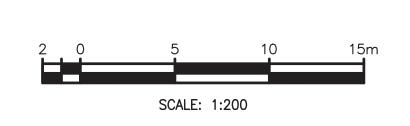
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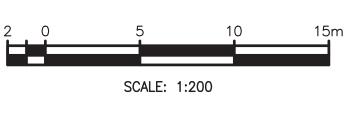
SHEET ID

E108



1. FOR LEGENDS AND NOTES, REFER TO DWG. E001 TO E004 FOR DETAILS.

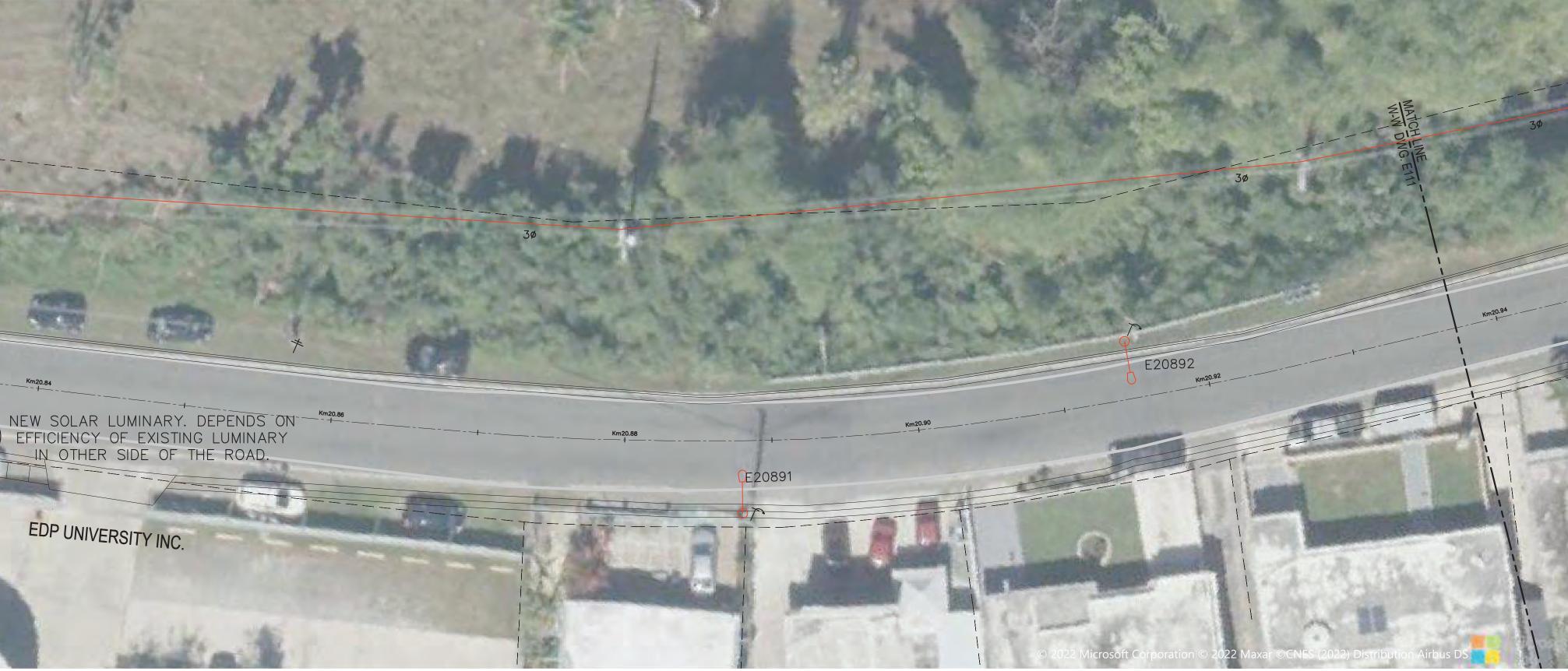






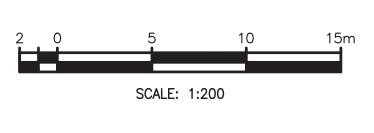


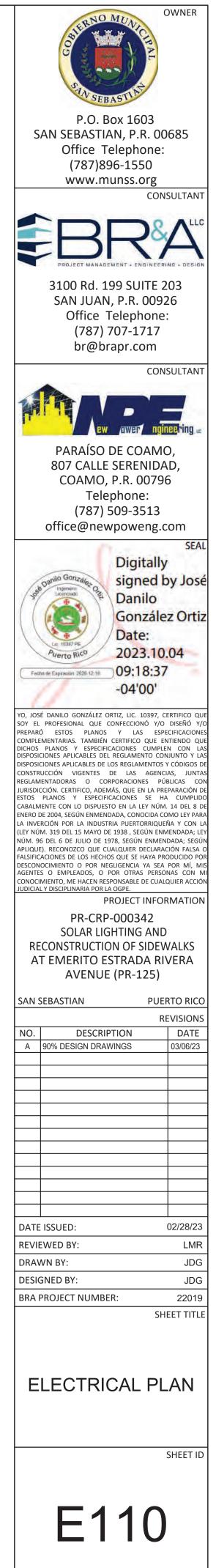




## NOTE:

1. FOR LEGENDS AND NOTES, REFER TO DWG. E001 TO E004 FOR DETAILS.







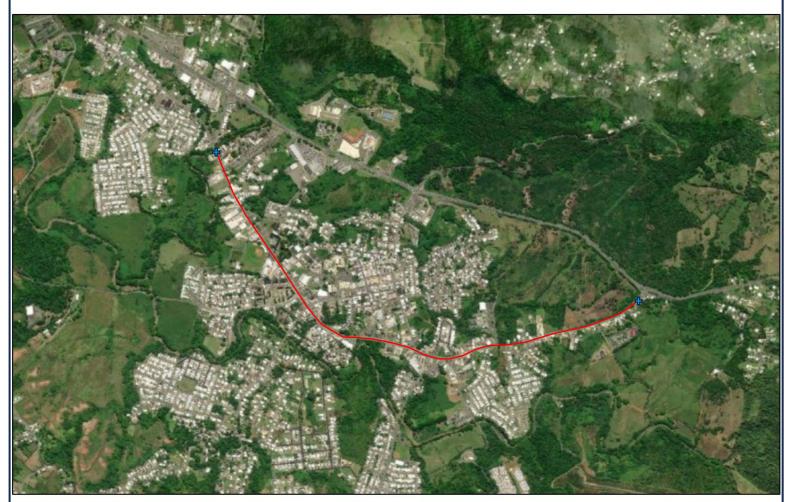


EXISTING TRANSMISSION LINE 38KV. EXISTING SECONDARY LINE 120/240V EXISTING ELECTRIC UTILITY		EXISTING LUMA POLE W/LUMINAIRE TO REMAIN
<ul> <li>NEAREST PART OF THE LUMINAIRE METAL POLE ASSEMBLY INCLUDING ANY OF ITS METAL PART MUST BE 15 FEETS OR MORE FROM THE CLOSES POINT TO THE ELECTRICAL PRIMARY LINE ABOVE IT.</li> <li>EXISTING TRANSMISSION LINE 115KV.</li> <li>EXISTING TRANSMISSION LINE 38KV.</li> <li>EXISTING SECONDARY LINE 120/240V</li> <li>EXISTING ELECTRIC UTILITY PRIMARY LINE</li> <li>TREE – Tree Trimming Required where Solar Pole exist is close.</li> <li>NOTE: 1. FOR LEGENDS AND NOTES, REFER TO DWG. E TO E004 FOR DETAILS.</li> </ul>		NEW SINGLE ARM SOLAR LUMINAIRE AND POLE
ASSEMBLY INCLUDING ANY OF ITS METAL PART MUST BE 15 FEETS OR MORE FROM THE CLOSES POINT TO THE ELECTRICAL PRIMARY LINE ABOVE IT. EXISTING TRANSMISSION LINE 115KV. EXISTING TRANSMISSION LINE 38KV. EXISTING SECONDARY LINE 120/240V EXISTING ELECTRIC UTILITY PRIMARY LINE TREE – Tree Trimming Required where Solar Pole exist is close. <u>NOTE:</u> 1. FOR LEGENDS AND NOTES, REFER TO DWG. E TO E004 FOR DETAILS.		NEW DOBLE ARM SOLAR LUMINAIRE AND POLE
5KV       LINE 115KV.         BKV       EXISTING TRANSMISSION LINE 38KV.         7240V       EXISTING SECONDARY LINE 120/240V         3Ø       EXISTING ELECTRIC UTILITY PRIMARY LINE         TREE – Tree Trimming Required where Solar Pole exist is close.         NOTE: 1. FOR LEGENDS AND NOTES, REFER TO DWG. E TO E004 FOR DETAILS.	$\sum_{i=1}^{n}$	ASSEMBLY INCLUDING ANY OF ITS METAL PART MUST BE 15 FEETS OR MORE FROM THE CLOSES POINT TO THE ELECTRICAL PRIMARY LINE ABOVE
3KV       LINE 38KV.         7240V       EXISTING SECONDARY         100       EXISTING ELECTRIC UTILITY         3Ø       EXISTING ELECTRIC UTILITY         PRIMARY LINE       TREE – Tree Trimming Required where Solar Pole exist is close.         NOTE:         1. FOR LEGENDS AND NOTES, REFER TO DWG. E TO E004 FOR DETAILS.	 5KV	
/240V       LINE 120/240V         EXISTING ELECTRIC UTILITY         3Ø       PRIMARY LINE         TREE – Tree Trimming Required         where Solar Pole exist is close.         NOTE:         1. FOR LEGENDS AND NOTES, REFER TO DWG. E         TO E004 FOR DETAILS.	ЗКV	
30 PRIMARY LINE TREE – Tree Trimming Required where Solar Pole exist is close.           NOTE:           1. FOR LEGENDS AND NOTES, REFER TO DWG. E TO E004 FOR DETAILS.	/240V	
where Solar Pole exist is close. <u>NOTE:</u> 1. FOR LEGENDS AND NOTES, REFER TO DWG. E TO E004 FOR DETAILS.	3ø	
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TO E004 FOR DETAILS.		
		1. FOR LEGENDS AND NOTES, REFER TO DWG. E TO E004 FOR DETAILS.

### Exhibit 10: Sole Source Aquifers – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





8/1/2024, 1:48:18 PM

Sole\_Source\_Aquifers

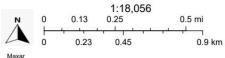
Site

Project Point

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

Source:

https://epa.maps.arcgis.com/apps/webap pviewer/index.html?id=9ebb047ba3ec41a da1877155fe31356b



U.S. Environmental Protection Agency

### Exhibit 10: Sole Source Aquifers – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





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Sole\_Source\_Aquifers

Project Point

N 0 70 140 280 mi 0 115 230 460 km Esti, HERE, Garmin, Earthstar Geographics

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

### Source:

https://epa.maps.arcgis.com/apps/webap pviewer/index.html?id=9ebb047ba3ec41a da1877155fe31356b

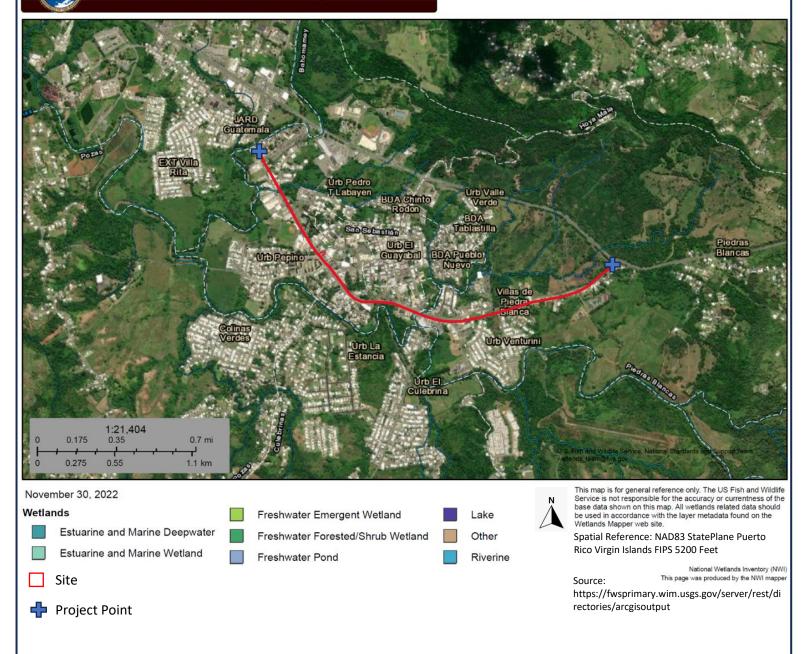
### Exhibit 11: Wetland – PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578



U.S. Fish and Wildlife Service National Wetlands Inventory

Wetlands



### Exhibit 12: Wild and Scenic Rivers - PR-CRP-000342

Address: Carr. PR-125, Avenida Emérito Estrada Rivera, San Sebastián, Puerto Rico, 00685 Coordinates: 18.343294, -66.999638 to 18.336086, -66.976578





August 1, 2024

Site

Wild and Scenic Rivers

Project Point

10 20 mi 5 15 30 60 km 0 Earthstar Geographics Spatial Reference: NAD83 StatePlane Puerto Rico Virgin Islands FIPS 5200 Feet

Source:

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