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

Project Information

Project Name: Waterfront Park (PR-CRP-000570)

Responsible Entity: Puerto Rico Department of Housing (PRDOH)

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

State/Local Identifier: Puerto Rico / Municipality of Comerío

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Consultant (if applicable): Diatom Environmental Services, LLC

Direct Comments to: Puerto Rico Department of Housing at comentariosambiental@vivienda.pr.gov

Project Location: The proposed project will be located along Georgetti Street (PR-156) from Km. 0 to Km. 0.03 & Km 31.7 to Km 31.8 in the municipality of Comerío (from 18.217217°, -66.227594° to 18.217459°, -66.226376°). The project will also impact the intersections between Georgetti Street (PR-156) and the following streets: Calle Independencia, Calle Progreso, Calle José Vega, and Calle Muñoz Rivera. The following coordinates will be used as reference: 18.217264°, -66.227098°.

The following properties will form part of the project area:

Cadasters for acquisitions:	Cadasters of sites owned by the municipality:
222-094-037-55-001,	222-094-037-51-001,
222-094-037-54-001,	222-094-037-52-001,
222-094-037-53-001,	222-094-037-77-001,
222-094-037-50-001,	222-094-037-76-001,
222-094-037-49-802,	222-094-037-44-802

222-094-037-48 (parcel number),
222-094-037-47-001,
222-094-037-46-000

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]**:**
The proposed activity will develop a recreational area, to help invigorate the urban center. The space will promote the development of the community with an area for social integration that will help the Municipality to recover from the impact caused by Hurricanes Irma and María. The Comerío "Waterfront Park" will be established at the borders of the main urban center, in an area that is now made up mostly of dilapidated commercial and residential buildings. The proposed project location has a surrounding population that identifies as low-moderate or moderate-income.

The project will require the acquisition and demolition of seven (7) privately owned structures, the partial demolition of one of these structures, preserving only its historic façade, and the demolition of a municipally owned parking area. It will also require curb demolition along the street, selective removal of vegetation along the project area perimeter, and earthworks including excavation and fill. A new recreational area will include sidewalks, planters, observation decks, new lighting fixtures, tile and floor finishes, benches, trash receptacles, concrete ramps, aluminum handrails, bicycle racks, traffic signage, landscaping, and recondition of the façade of a historic building, which will be provided with structural supports to remain in place. The following activities will be performed for compliance with the Americans with Disabilities Act (ADA): new pedestrian crosswalks and accessibility ramps will be constructed in the streets leading to the Georgetti Street (PR-156) at the intersections of Independencia, Progreso, José Vega, and Muñoz Rivera streets, sidewalk reconstruction at both sides of the aforementioned streets and the Georgetti Street, and elevated pedestrian crosswalks-speed tables will connect the waterfront area with the north street sidewalks.

Areas occupied by existing structures will be filled to stabilize the exposed slope and to serve as the base for the new recreational park. The fill volume is estimated at 60,000 cubic feet (ft^3), at a maximum depth of 24.5 feet from the street level, of which 53,000 ft^3 will be selected backfill and 7,000 ft^3 of modular soil reinforcement system known as Terramesh. No retaining walls will be installed. The project will also include the repaving of streets within the project area. No change of drainage patterns from existing conditions is proposed since no increase in stormwater runoff is expected in this project because the existing condition is already a 100% completely impermeable asphalt and structures that will be replaced by the new waterfront plaza project. The proposed project areas will continue to use the existing municipal stormwater system. The total project area, including streets and sidewalks, covers a footprint of 37,006 ft^2 (0.85 acres) and will have a waterfront length of approximately 440 feet. See Figure #1 for project location.



Figure 1 - Aerial View of the proposed project site (marked in red) and its surroundings.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:
The proposed project aims to revitalize Georgetti Street by improving infrastructure and removing deteriorated structures that pose safety, health, and environmental risks to residents of Comerío's urban center. These upgrades will primarily benefit low-to-moderate income (LMI) residents and include new pedestrian crossings to enhance access and connectivity within the area. The improvements align with the City's Master Plan, which seeks to link key points of interest within a 15-minute walk and encourage residents to return to the urban center. The project's main goals are to rehabilitate the area, foster a vibrant urban neighborhood, improve pedestrian safety, and strengthen resilience following the damage caused by Hurricanes Irma and María. Additionally, it will create a visually appealing entrance from road PR-774 (bridge) into the urban center. The development of this site will enhance public safety, improve living conditions, and help stimulate the local economy.

Existing Conditions and Trends [24 CFR 58.40(a)]:
The project area is situated within the urban core of Comerío, adjacent to the La Plata River, and is characterized by a mix of deteriorated and abandoned structures. This zone has historically been impacted by flooding events, contributing to the degradation of buildings along the riverbank. The surrounding context includes open parcels, residential dwellings, and small-scale commercial establishments. To the north, the site is bounded by PR-156, which connects key parts of the urban center and includes a network of streets and buildings. The southern boundary is defined by the La Plata River, a significant natural feature that poses both environmental and structural challenges. PR-774 traverses the center of the project area via a bridge, serving as a critical transportation link. Along the river's edge, seven visibly dilapidated structures are at risk of collapse, either into the river or onto adjacent streets. Without intervention, the continued deterioration and eventual loss of these structures is highly probable.

Funding Information

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

Estimated Total HUD Funded Amount: $7,724,567.10
Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: $7,724,567.10

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

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance Determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes ☐ No ☒	The project site is not located within an FAA-designated civilian airport Runway Protection Zone (RPZ), or Accident Potential Zone (APZ). The project is not within 15,000 feet of a military airport nor 2,500 feet of a civilian airport. The nearest civil airport is Fernando Luis Ribas Dominicci (SIG), which is approximately 101,710 feet from the project boundary. The nearest military airport is Luis Muñoz Marín (SJU) Joint Military Airfield Muñiz Air National Guard, approximately 113,895 feet measured from the project boundary to the runway. Therefore, the project is in compliance with 24 C.F.R. Part 51, Subpart D. **See Attachment 1**.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes ☐ No ☒	The proposed project is not located within a Coastal Barrier Resources Unit. The CBRS Unit closest to the Project is PR-36, located to the North of the Property at an approximate distance of 89,690 feet. Therefore, the Project is in compliance with the Coastal Barrier Resources Act (CBRA). **See Attachment 2**.

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 ☒	The extent of the floodplain was evaluated using the FEMA Flood Insurance Rate Map (FIRM) (Panel 72000C1180H, effective 4/19/2005). This map shows that the entire area of the proposed project is located entirely within the floodplain, specifically, the regulatory floodway. However, the project involves the demolition of properties that currently cannot be insured due to their location on the floodway and does not involve any new facility that requires insurance, as it will consist of an open park setting. Therefore, the project does not require flood insurance in accordance with the Flood Disaster Protection Act of 1973 and the National Flood Insurance Reform Act of 1994. Documentation demonstrating the location outside the SFHA has been included. Therefore, the project is in compliance with 42 U.S.C. §§ 4001-4128 and 42 U.S.C. § 5154a. **See Attachment 3 and also Attachment 10 (8-step process documents, Attachment B)**.
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes ☐ No ☒	The project is located within an "attainment" area, along with the entirety of Comerío. The project site is in the Barrio Pueblo of the Municipality of Comerío. It is not currently listed as an area of non-compliance, per the US Environmental Protection Agency's (EPA) NEPA Assist tool. EPA's Green Book was also reviewed to identify nonattainment areas; Comerío is not listed. The data reviewed in this source was updated as of April 30th, 2025. The nearest non-attainment area is Guaynabo, which is in non-attainment for PM-10 and is 38,525 ft to the North of the project site. Emissions during the construction phase should be limited to that of mechanical equipment and are assumed to be minimal and incidental to the construction period. During construction, the contractor will implement controls for fugitive dust. There will be no air emission during the operation and use of the new waterfront park. Therefore, the project is in compliance with the Clean Air Act, as amended, particularly section 176(c) and (d); 40 C.F.R. Parts 6, 51, and 93. **See Attachment 4.**
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes ☐ No ☒	The nearest coastal zone delineation boundary is located approximately 82,793.59 ft to the North of the project site. Therefore, the project is not located within a Coastal Zone and is in compliance with the Coastal

		Zone Management Act, sections 307(c) and (d). **See Attachment 5**.
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes ☒ No ☐	The NEPAssist Website was used to identify known EPA Facilities that may be sources of contamination within a 3,000ft radius. There are records of twelve (12) sites within the 3,000 feet search radius. The closest site is Comerío NPDES Water Discharger site, which is approximately 320ft from the project. These are mostly Hazardous Waste generators, some facilities with what are considered Toxic Release, and Water discharges, including the municipality of Comerío itself. There are no sites in the Superfund National Priorities or CERCLA List, no landfills or other sites that could affect the project development or proposed use. The Toa Alta Landfill site located more than 5-miles northeast of the proposed area has ongoing EPA formal or informal action reported for the last five years. Other sites include NPDES discharges and non-PRASA aqueducts. The PRASA Comerío-Rio Hondo Ward Water Plant located approximately 2,800 feet southwest of the project site has a CWA violation regarding the NPDES permit reported in 2021 and 2024. Due to the distance and nature of the project this site does not affect the analysis. A Phase I Environmental Site Assessment was completed by Zimmetry Environmental Management, Corp. in November 2022. Zimmetry issued an opinion that no recognized environmental conditions (RECs) are identified in connection with the subject property. Per the Phase I report, no existing or former USTs or LUSTs were found on or near the project area. UST search was performed for a ¼ mile radius and LUST search at a ½ mile radius. Since the activities associated with the proposed project will not require use of the river water, nor will the activities require dewatering or continuous discharges to the stormwater system, the Comerío River is not a concern for the development of the project. None of the identified sites within the 3,000 feet radius are of concern for the development or proposed use of the project. Also, the project does not propose development, construction, or rehabilitation that will increase residential densities. Thus, no further analysis is required. An Asbestos Containing Material and Lead Based Paint study was conducted in May 2023. LBP testing included

		inspections on painted surfaces of Georgetti St km 0.1 to 0.3 & 31.7 to 31.8. Averages of 766 samples were taken at identified surfaces. The analysis found LBP on curb yellow concrete and lid yellow metal. The ACM inspection for this section of the project found no asbestos containing materials during the inspection of the areas. The LBP inspection for the structures involved in this project found that 6 of the surveyed buildings had components containing lead-based paint, mostly wall tiles, moldings, ceiling and doors. During the ACM inspection for these structures, seven samples of suspected materials were collected. ACM was found in one compound at one of the structures, black under sink mastic. LBP and ACM abatement must be conducted prior to any demolition by a DRNA certified company. This project is exempt from Radon requirements, as outlined in notice CPD-23-103. This project is in compliance with HUD Contamination and Toxic Substances requirements. **See Attachment 6.**
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes ☐ No ☒	Per the Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website, the Puerto Rican Boa can be found but there are no critical habitats at this location. In addition to the Puerto Rican Boa, the Puerto Rican Plain Pigeon was listed in the iPac species list, but no critical habitat was listed. A *No Effect* memo was prepared, after analyzing available documentation on the Puerto Rican Boa and Puerto Rican plain Pigeon. The project was found to have no potential to affect species or habitats due to the nature of the activities involved in the project and the lack of critical habitat present. The Puerto Rican plain Pigeon (*Columba inornata wetmorei*) has been identified as nesting in the forested hills of Comerío. However, this species does not prefer urban habitat and was not observed during visits to the site. If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the USFWS will be notified to relocate the Boa. There will be no impact on the habitat of these species, as outlined in the No Effect memo. This project complies with the Endangered Species Act. **See Attachment 7**.

Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes ☐ No ☒	The project will create an open-space recreational area; however, it does not include development, construction, or rehabilitation that would increase residential density. Instead, it will convert the project area to reduce residential density. As proposed, the project will not require the installation of aboveground storage tanks (ASTs). In accordance with HUD requirements, efforts were made to identify existing or planned stationary ASTs within a one-mile radius of the project site. It is important to note that the site is located in a high-density area with numerous closely spaced buildings, which create significant visual obstructions and make it challenging to detect smaller ASTs (approximately 100 gallons). This identification process is further hindered by the lack of a regulatory framework that provides publicly accessible location data. Nonetheless, the following actions were undertaken to meet this requirement. A site inspection and information search—including project site and adjacent area inspections, records review and aerial photography review within a 1-mile radius— was performed to identify ASTs of 100-gallons or more. The site inspection report (see **Attachment 8**) as well as other photographs from the project site (see Appendix J for **Attachment 7**) show there are no ASTs on the project site or visible on adjacent facilities. Also, no ASTs were observed within visible or unobstructed range of the project site (e.g. from across the river). The Phase I ESA report (see **Attachment 6E**, section 3.7), for which the project area was also visually inspected, indicates that there are no existing AST at the project site. The Phase I ESA also performed a database review for "Lists of state and tribal registered storage tanks" within a 0.25-mile review radius and found none. Beyond the 0.25-mile radius, aerial photographs were analyzed up to a 1-mile radius form the project site, no ASTs where identified (see figure in **Attachment 8**). Based on this analysis, the project complies with HUD explosive and flammable hazard requirements. **See Attachment 8.**
Farmlands Protection	Yes ☐ No ☒	The project site does not include prime or unique farmland, or other farmland of statewide or local importance as identified by the U.S. Department of

Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658		Agriculture, Natural Resources Conservation Service NRCS (formerly the Soil Conservation Service). This project does not include any activities that could potentially convert farmland to non-farmland use. According to the Natural Resources Conservation Service, the project is in urban lands classified as "Non-Prime farmlands". The project complies with Farmland Protection Policy Act. **See Attachment 9**.
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes ☒ No ☐	The proposed project is located within the floodway of La Plata River. As a waterfront park, the project meets the criteria of a functionally dependent use as defined in 24 CFR 55.2(b)(7) and is eligible for HUD funding, despite being located within the floodway. In accordance with the Department of Housing and Urban development guidelines, practical alternatives to locating the proposed project were evaluated. An early floodplain notice (step 2) was published on May 16, 2025, notifying the public of the proposed project within the floodway and wetland. The process requires 15 calendar days for public comments; thus, the comment period ended on May 31, 2025. No comments were received. An 8-step process was subsequently completed and included a list of alternatives, including the No Action alternative. Based on the review of the alternatives and their implementation wherever possible, the proposed action is deemed to be the most appropriate. This determination is based on feasibility, cost, enhancement of quality of life, features for the community and lack of environmental impacts. A final floodplain notice (step 7) was published on August 29, 2025. The required 7 calendar days were allowed for public comment. This period was completed on September 6, 2025. An additional day was reserved to allow comments to come through in the event they were sent via regular mail. A response to Step 7 publication was received from the US Fish and Wildlife Service's Caribbean Ecological Services Field Office. However, the response was not related to the 8-step or the floodplain management, but rather it was a request the Environmental Assessment (EA) document and "all documents related to the project, if available." As a response, the 8-Step Decision Making Process approved by the Certifying Officer was provided and it was indicated that the final EA will be made available

		once completed. No other email exchange was received after the response was sent, and no formal comments to the floodplain management process were received. The email did not prompt a review of the floodplain management documentation. The project will comply with state and local floodplain protection procedures. The following measures will be taken to minimize adverse impacts and to restore and preserve natural values: follow best soil erosion and sediment management practices and floodproof components, where applicable. Specific mitigation measures include Installation of new stormwater inlets along Georgetti Street to improve drainage, stabilization of embankments to reduce erosion and protect water quality by installing Hay bales, Silt fencing, Trench plugs OR Geotextile inlet inserts and active monitoring of during construction and demolition to ensure debris do not enter the river. This project is in compliance with Executive Order 11988. **See Attachment 10**.
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes ☐ No ☒	Due to the scope of the project, consultation with the State Historic Preservation Office was required for compliance with Section 106. The following SOI qualified individuals prepared the EDF for SHPO review: SOI-Qualified Architect/Architectural Historians: • Berenice Sueiro-Vázquez, BArch • Arleen Pabón-Charneco, PhD JD SOI-Qualified Archaeologist: • Karen Anderson-Córdova, PhD SOI-Qualified Reviewer • Carmen Marla López, MA Consultation was initiated with the Puerto Rico State Historic Preservation Office (SHPO) related to the proposed activities on July 16, 2025. The consultation requested concurrence with a determination of "No Adverse Effect" for the undertaking. The demolition of the properties was justified by structural conditions which made them susceptible to collapse. The EDF also indicted that the closeness of the structures "to the river has negatively impacted their fabric and they pose serious safety concerns."

		In SHPO's response, dated August 13, 2025, PRSHPO concurred with the determination of "No adverse effect upon historic properties". No further actions were required by the agency. Therefore, this project complies with National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800. **See Attachment 11**.
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes ☐ No ☒	The project does not involve development of noise sensitive uses. Although this is new construction, the proposed activities will not impact nearby communities. The proposed action will be conducted during normal construction hours (7:00 am to 4:00 pm) using equipment with internal noise suppression systems. Noise assessment is required only if the project is for new construction or rehabilitation for residential use. Thus, no noise assessment is required for this project, and the project is in compliance with the Noise Control Act.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes ☐ No ☒	The project is not located within a U.S. EPA-designated sole source aquifer watershed area (including stream flow source areas). The nearest sole source aquifer is located in Florida, approximately 5,429,542.78 ft away. There are no EPA sole source aquifers in Puerto Rico. Furthermore, the project consists of activities that are unlikely to have an adverse impact on groundwater resources. The project is in compliance with the Safe Drinking Water Act of 1974. **See Attachment 12**.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes ☐ No ☒	The National Wetlands Inventory (NWI) mapping shows a riverine wetland near or adjacent to the proposed action site at approximately 34.3 ft. The presence of WOTUS is associated with the La Plata River watershed, which is more accurately located less than 20 feet from the proposed site. The project requires compliance with the 8-step decision-making process at 24 CFR Part 55.20. Wetland impacts were analyzed in the 8-step process. All activities will occur above the river's ordinary high-water mark. Thus, adverse wetlands impacts are not considered likely. The design will maintain the existing stormwater inlets along Georgetti Street, with minor drainage improvements and only one new inlet to be added. No change of drainage patterns from existing conditions to proposed conditions is considered in this

		project. No increase in stormwater runoff is expected in this project since the Existing condition is already a 100% completely impermeable. All the embankments will be stabilized to avoid erosion and protect the water quality of the river. BMPs for erosion and sedimentation control will be implemented to avoid impacts to the riverine wetland. The BMPs will include hay bales, silt fencing, trench plugs, and geotextile inlet inserts and active monitoring of during construction and demolition to ensure debris do not enter the river. This project complies with Executive Order 11990. **See Attachment 13**.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes ☐ No ☒	The project is not located within one mile of a listed Wild and Scenic River. Puerto Rico has only three Wild and Scenic Rivers which are located in the boundary between the municipalities of Rio Grande and Luquillo and in Naguabo. The nearest Wild and Scenic River is approximately 153,480 ft from the project area. There are no impacts to Wild and Scenic Rivers and project complies with Wild and Scenic Rivers Act. **See Attachment 14**.

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

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

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

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		

Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	1	According to the current Farmlands qualification map, the land is in both Urban Soil (SU) and Vial. (Road Infrastructure). This district is designed for the construction of roads and access as part of the public infrastructure of the cities and towns around Puerto Rico. The parcel where the project stands is classified as "C-I Comercial Intenso". The project is compatible with the area zoning code and urban design. **See attachment 15** for the zoning map.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The proposed action is the construction of a new open space recreation area/plaza with, sidewalks, and ramps in the immediate area of the Georgetti Street (PR-156). The total project area, including streets and sidewalks, covers a footprint of 37,006 ft^2 (0.85 acres). Since the construction area is less than 1 acre, a Stormwater Pollution Prevention Plan (SWPPP) for construction projects, per the EPA's National Pollutant Discharge Elimination System (NPDES), will not be required. However, local regulations will require the development of an Erosion and Sedimentation Control Plan (CES) that the contractor will be required to comply with. Surface water caused by a rain event will be re-directed to storm wells located at low points with prevailing 1% slopes and discharged into the existing storm sewer system in front of the proposed project, with the best management practices in place for the sediment control. The landslide data indicates moderate landslide susceptibility; thus, no erosion is expected to occur as a result of this project. See **Attachment 16** for landslide susceptibility and classification map. After construction, the areas will be stabilized with either landscaping elements, concrete, asphalt, crushed rock and the Maccaferri Mineral Terramesh elements the design has incorporated. The proposed project site is in an area classified as having moderate landslide susceptibility. To ensure slope stability during and after construction, the project will implement recognized geotechnical stabilization measures and engineering standards. All slope reinforcement work will be performed under the supervision of a licensed professional engineer in Puerto Rico. The project includes the installation of the Terramesh System by Maccaferri, an internationally recognized engineered soil-reinforcement and slope stabilization technology that is compliant with AASHTO LRFD Bridge Design Specifications (Section 11 – MSE Walls and Slopes) and FHWA-NHI-10-024 design guidance for mechanically stabilized earth structures. The system will cover approximately 60,000 cubic feet, with a maximum excavation depth of 24.5 feet below street level. Of this, 53,000 cubic feet will consist of selected structural backfill, while 7,000 cubic feet will incorporate soil reinforcement elements (Terramesh units). The preliminary design for stabilization of the project area facing the river is provided in **Attachment 17.**

		A Preliminary Geotechnical Report was issued and performed at limited areas of the project due to the presence of existing structures. The Geotechnical report includes specific design recommendations (see page 13 of the report included in **Attachment 18**), in addition to the following: • A contracted geotechnical laboratory should be present to assist the project inspector in the monitoring of the geotechnical procedures and to perform the necessary quality control tests. • Final grading, Terramesh® profile sections and foundation plans should be submitted, to revise it and provide final geotechnical report. • Performing test pits at difficult or unreachable drilling areas is highly recommended before any earthwork operation in order to observe any unsuitable subsoil condition and submit further recommendations.
Hazards and Nuisances including Site Safety and Noise	2	During site visits conducted on October 2022 as part pf the ESA Phase I, no RECs were identified. Contractors are required to provide health and safety plans and monitoring during construction. The design should comply with all applicable regulations to reduce natural and man-made risks to people or property damage to both the public and users of the project. Such considerations can be included as integral components of the proposed project design by the designer (engineering designs, and/or elevation or flood protection) and can be implemented with the proposed project. Temporary noise due to construction is expected. Once the project is constructed, there are no additional noise sources associated. For noise mitigation during construction, working hours should be limited to daytime.

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	1	The project will generate temporary work for the construction period. Additional municipal permanent staff will be added to provide maintenance services for the infrastructure to be revitalized. This infrastructure will improve livability conditions within Comerío and represent the opportunity to create employment. The proposed project will assist in employment and income patterns by promoting tourism; therefore, it leads to favorable developments for commercial, industrial, and institutional operations in the project area with better accessibility to the urban area.
Demographic Character Changes, Displacement	2	The proposed project will not significantly alter the demographic characteristics of the communities involved. Most of the proposed activities will promote the local economy and generate new job opportunities and new business opportunities by having access that integrates the community into the urban area. The proposed project will not create physical barriers or access difficulties that isolate a particular

		neighborhood or population group, nor will it hinder access to local services, facilities, and institutions, or other parts of the city. The project will not alter the tourist, historical, commercial, or residential uses since the proposed activities serve as an ancillary use of the commercial behavior of the area.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	1	The proposed action will not impact educational facilities, as it does not increase population density or create additional demand for educational services. The project will establish an open-air recreational space that can serve as a venue for cultural events and community activities. Additionally, a cultural element will be incorporated through the restoration and stabilization of a historic façade, preserving the area's heritage. Therefore, with respect to cultural facilities, the project is expected to have a beneficial impact by promoting cultural engagement and historical preservation.
Commercial Facilities	1	Near the proposed project are restaurants, gas stations, supermarkets, passive parks, and rides. The park is expected to draw people to the area and will likely result in increased use of these facilities. Thus, the proposed project is expected to have beneficial impact on the commercial activities in the area.
Health Care and Social Services	1	The proposed action will not have a direct impact on health care or social services, as it does not increase population density or create additional demand for these resources. Although the proposed project will not directly expand health care or social service infrastructure, the creation of a recreational facility can indirectly support these systems by promoting preventive health and community well-being. The open-space will encourage physical activity such as walking and cycling, which helps reduce chronic health conditions and improve overall fitness. Access to green areas also supports mental health by reducing stress and fostering relaxation. Additionally, the facility will provide inclusive spaces for social interaction, cultural events, and family activities, helping to reduce social isolation and strengthen community ties. These benefits contribute to a healthier, more resilient population, which can lessen long-term demand for health care and social services.
Solid Waste Disposal / Recycling	2	The proposed action will result in the generation of construction debris. The contractor will be required to prepare a construction recycling material plan and to comply with state regulations for the handling of non-hazardous debris. The abatement and waste disposal of hazardous waste such as asbestos and lead based paint materials must be in

		accordance with the PRDNER regulations which include accredited personnel, special enclosure work practices and permits. During the operation of the site, minor amounts of domestic waste may be generated by park users. Thus, some waste receptacles will be included in the project area for waste collection. The receptacles will be integrated into plazas, corridors, and near benches/planters for convenience. The waste generated will be collected and managed by the municipality's public works department.
Waste Water / Sanitary Sewers	1	The proposed action will not generate wastewater during construction. Existing sanitary sewer connections will be removed and capped during demolition. One sanitary sewer connection will be improved or installed at the site of the historic façade to accommodate potential future uses, such as food trucks or other activities the municipality may consider appropriate. Overall, the number of sanitary sewer connections will be reduced, resulting in a minor beneficial impact due to decreased discharges from the current structures.
Water Supply	1	During construction, water needs will be met by the contractor using non-potable water trucks, ensuring that the existing water infrastructure remains unaffected. Potable water connections for existing structures will be removed and capped during demolition. Limited new connections will be installed to support potential future municipal uses, such as maintenance or other identified needs. Overall, the number of water supply connections will be reduced, leading to lower water consumption. This represents a minor beneficial impact on the area's water resources.
Public Safety - Police, Fire and Emergency Medical	1	Because the proposed project will reduce rather than increase residential density, it is not expected to place additional demands on municipal public safety resources. The existing structures currently pose hazards to the safety and well-being of residents and visitors, including risks of structural collapse, fire hazards, and unauthorized occupancy. Their removal will eliminate these threats, reducing the likelihood of accidents and emergency incidents. By clearing unsafe buildings, the project improves visibility and accessibility for law enforcement and emergency responders, enabling faster response times and reducing the need for constant monitoring of abandoned or deteriorated properties. This proactive measure also minimizes opportunities for criminal activity or vandalism often associated with vacant structures. Overall, the removal of these hazards enhances community resilience, lowers the burden on public safety resources, and creates a safer environment for residents and visitors.
Parks, Open Space and Recreation	1	The proposed project will take place in the Comerio urban center and focuses on developing a community open space and recreation area. This initiative is expected to positively influence nearby commercial activities, benefiting small and medium-sized businesses near to the project site.

		The community will gain access to new public amenities such as observation decks, benches, and bike racks. The design will be ADA-compliant, ensuring inclusiveness and promoting outdoor activities like walking and cycling. Additionally, the project will offer scenic views of the La Plata River while preserving historical elements and fostering a strong sense of community within the urban center. Beyond recreation, the park will deliver environmental benefits such as improved air quality and reduced urban heat island effect. It will also provide social and health benefits, including spaces for cultural events, community gatherings, and opportunities for relaxation, which support mental well-being. Families and youth will enjoy safe play areas facing the river, which has historically been shielded away from view. Economically, the project is expected to boost local businesses by increasing foot traffic, attract visitors for tourism, and potentially raise property values in the surrounding area. The park will ensure accessibility for all and encourage sustainable transportation through safe pedestrian and cycling routes. Overall, the project will preserve cultural identity, strengthen community ties, and create a vibrant, inclusive space that benefits residents and visitors alike.
Transportation and Accessibility	1	The proposed project would improve accessibility in the area by providing a much-needed safe walking infrastructure for pedestrians to access the site. This will increase road safety by providing residents with infrastructure to avoid potential accidents.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	1	The proposed project area is in a dense urban setting and will replace an area where there are currently dilapidated residential structures. The only unique natural feature of importance and interest is the adjacent river, Rio de la Plata. This river flows from south to north and is the longest river on the island, with an approximate trajectory of 62 miles. It flows into two reservoirs along its course: Carite and La Plata. The La Plata reservoir functions as a potable water source for a large part of the San Juan metropolitan area. (Sources: https://www.britannica.com/place/La-Plata-River, DRNA, Hojas de Nuestro Ambiente, Los Ríos, Febrero 2007). The proposed project is not expected to cause any water quality problems at or around the construction site. Construction activities will require careful planning and implementation of best management practices to avoid erosion and impact on the water body. According to project design drawings, construction and occupation will occur above the river's ordinary high-water mark, thus no direct impact on the riverbed is expected to occur. During construction, there will be no discharges to the river and stormwater discharges will be subject to

		erosion and sediment controls. The proposed project will occur on land previously altered. During operation, stormwater will continue to flow following exiting gradients. The embankments will be stabilized to avoid erosion in the future due to floodings or other events. Per the 8-step process, there should be no impact on the La Plata River. A Hydrologic-Hydraulic Study at the proposed project location was contracted and performed in May 2024. The study concluded, based on river flow models, "that the proposed project does not increase base flood elevation along the river." The report did not offer specific recommendations for the project; refer to **Attachment 19** for complete report. The proposed project will provide unique and safe viewing access to the La Plata river, which has been blocked from view due to the existing residential/commercial structures that occupy the project's site. Improved river access will increase community appreciation and understanding of this vital waterway. Also, the proposed landscaping will enhance ecosystem services by creating green spaces that support biodiversity within the community. Overall, the proposed project is expected to have beneficial impacts to the water resources by both establishing community contact and elimination of dilapidated structures that, if they collapse, will have a detrimental impact to the river.
Vegetation, Wildlife	1	Construction activities will occur on properties along the ramps of Georgetti Street (PR-156) in the municipality of Comerío. The area is an urban setting with vegetation limited to ornamental plantings and minimal wildlife. A biologist's inspection confirmed that the site does not contain endangered species, native plant communities, or critical habitats. The proposed project will incorporate new landscaping elements, increasing vegetation within the urban environment and potentially enhancing local biodiversity. While some existing urban vegetation will be removed during construction, the introduction of improved landscaping is expected to result in a minor overall benefit to vegetation and ecological diversity in the area.
Other Factors	2	No other factors were considered as part of this environmental assessment.

Environmental Assessment Factor	Impact Code	Impact Evaluation
Energy		
Energy Efficiency	2	During construction, most equipment will be powered by internal combustion engines, so the project will not place additional demand on the power grid. Coordination with local power authorities will be required to ensure compliance during the relocation of electric and lighting poles.

		The proposed project will incorporate solar-powered lighting along with energy-efficient electric fixtures integrated into urban furniture and viewing platforms. These lighting elements will be aesthetically and functionally embedded in planters, benches, ramps, and sidewalks. New electrical systems must be resistant to flooding. As a result, the project is not expected to create any significant impact or burden on the existing power grid.

Additional Studies Performed:
During the planning phase of the project, the following studies were carried out:

- Lead-based paint and Asbestos Containing Material (**Attachments 6C and 6D**)
- Phase 1 Environmental Site Assessment (**Attachment 6E**)
- Preliminary Geotechnical Report at the Site of the Proposed Comerío Waterfront Project at Georgetti Steet, Comerío, P.R., March 8, 2024, by Earth Engineers (**Attachment 18**)
- Hydrologic and Hydraulic Study of Río de la Plata, Comerío Waterfront Park, Comerío, Puerto Rico, May 2024, prepared by GLM Engineering Group, PSC (**Attachment 19)**

Field Inspection (Date and completed by)**:**
Field inspection was carried out by Diatom Environmental Services, LLC's Environmental Professional on September 7, 2023 (**See attachment 8**)

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]**:**
The following agencies have been used for consultation:

- State Historic Preservation Office
- Permits Management Office
- Department of Natural and Environmental Department
- Puerto Rico Electric Power Authority
- Puerto Rico Aqueduct and Sewer Authority
- Puerto Rico Telecommunications Bureau
- Puerto Rico Solid Waste Management Authority
- Municipality of Comerío
- FAA, National Plan for Integrated Airport Systems: www.faa.gov/airports/planning_capacity/npias/reports/NPIAS-Report-2017-2021- Appendix-B-Part6.pdf
- John H. Chafee Coastal Barrier Resources System, Puerto Rico map. www.fws.gov/CBRA/Maps/Locator/PR.pdf
- National Park Service, National Registry of Natural Landmarks. www.nature.nps.gov/nnl/docs/NNLRegistry.pdf
- Programmatic Agreement among the Federal Emergency Management Agency, the Puerto Rico State Historic Preservation Office and the Central Office for Recovery, Reconstruction and Resilience – amended to include the Puerto Rico Department of Housing. (Appendix F)

- Sierra Research for Office of Mobile Sources. US Environmental Protection Agency. Report No. SR93-03-02, Evaluation of Methodologies to Estimate Nonroad Mobile Source Usage, March 19, 1993: http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=9100UR51.txt
- US Fish and Wildlife Service, National Wetland Inventory https://www.fws.gov/program/national-wetlands-inventory/wetlands-mapper
- US Fish and Wildlife Service ECOS https://ecos.fws.gov/ecp0/reports/species-listed-by-state-report?state=PR&status=listed
- Puerto Rico Planning Board – MIPR map interphase https://gis.jp.pr.gov/mipr/
- US Fish and Wildlife Service – Information for Planning and Consultation (IPaC) website https://ipac.ecosphere.fws.gov/
- Environmental Protection Agency (EPA), NEPAssist, ECHO, Sole Source Aquifer https://nepassisttool.epa.gov/nepassist/nepamap.aspx https://echo.epa.gov/?redirect=echo https://www.epa.gov/dwssa/map-sole-source-aquifer-locations
  www3.epa.gov/airquality/greenbook/anayo_pr.html
  www.epa.gov/environmental-topics/airtopics
- National Oceanic and Atmospheric Administration (NOAA) https://www.arcgis.com/apps/mapviewer/index.html?url=https://coast.noaa.gov:443/arcgis/rest/services/Hosted/CoastalZoneManagementAct/FeatureServer/0&source=sd
- US Forest Service https://www.arcgis.com/home/webmap/viewer.html?panel=gallery&layers=a37eb56966cc4b11b69909e288414e53
- FEMA https://msc.fema.gov/portal/home https://experience.arcgis.com/experience/2be181b530e74669b33e3edaafef2ebf
- USDA https://websoilsurvey.nrcs.usda.gov/
- American Association of State Highway and Transportation Officials (AASHTO). AASHTO LRFD Bridge Design Specifications, Section 11 – Mechanically Stabilized Earth Walls and Slopes. 9th Edition. Washington, D.C., 2020.
- Maccaferri Inc. Terramesh System – Technical Data Sheet and Installation Manual. Maccaferri S.p.A., Bologna, Italy / Maccaferri USA, Rockville, MD.
- Federal Highway Administration (FHWA).
- Design and Construction of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes – Volume I (FHWA-NHI-10-024). U.S. Department of Transportation, 2010.

List of Permits Obtained:
No permits have been obtained to date.

Public Outreach [24 CFR 50.23 & 58.43]**:**
An early and final floodplain notices were published in newspapers of island-wide circulation to inform the public of the proposed activities within the floodplain. The notices were also sent to various agencies via email. A response to the final notice (Step 7) publication was received from the US Fish and Wildlife Service's Caribbean Ecological Services Field Office. However, the response was not related to the 8-step or the floodplain management, but rather it was a request the Environmental Assessment (EA) document

and “all documents related to the project, if available.” As a response, the 8-Step Decision Making Process approved by the Certifying Officer was provided and it was indicated that the final EA will be made available once completed. No other email exchange was received after the response was sent, and no formal comments to the floodplain management process were received. The email did not prompt a review of the floodplain management documentation.

As a result of the Environmental Review process, a combined public notice for the proposed project, Finding of No Significant Impact and Notice of Intent to Request Release of Funds (FONSI/NOI-RROF), will be published in a newspaper of island-side circulation. This notice will have a Spanish translation. Any substantive comments received will be addressed and incorporated into the final environmental assessment document.

During construction, public outreach will be conducted through a required project sign installed at the site. This sign will provide information about the project and include contact details for the public to submit comments or inquiries.

Cumulative Impact Analysis [24 CFR 58.32]**:**
Cumulative impacts consider both the individual and combined effects of the proposed project in the context of past, present, and reasonably foreseeable future actions. The analysis area includes the urban center of Comerío and the adjacent riverfront along the La Plata River, a region that has experienced significant flood impacts over the past 7 to 10 years.

The project site lies within the regulatory floodplain and adjacent to a riverine wetland. The proposed action includes the removal of structurally compromised buildings and the conversion of those parcels into green space, supporting flood mitigation and enhancing environmental resilience. Due to federal and insurance limitations, structures located within the floodway are no longer eligible for coverage, making continued habitation in these areas infeasible. The project supports relocation and compensation for owners of unsafe, historically viable structures and contributes to long-term hazard mitigation goals.

The area is already urbanized, and no significant impacts to biological resources are anticipated. While multiple revitalization initiatives are underway along the riverfront, including HUD-funded and municipal efforts, cumulative effects are expected to be beneficial. These initiatives will increase recreational use and improve community access to public space. Potential increases in use will be mitigated through coordinated stormwater infrastructure upgrades and green infrastructure.

Potential cumulative impacts to air quality, traffic, noise, housing displacement, water resources, wetlands, and visual aesthetics are anticipated to be negligible or beneficial. The project aligns with broader municipal planning goals for sustainable land use, open space, and floodplain restoration.

During construction, exposed soil could temporarily increase sedimentation in the La Plata River. To address this, the project will implement erosion and sediment control measures, including slope stabilization and the use of temporary ground cover. Landscaped areas will be seeded and stabilized post-construction to prevent runoff. These best management practices will ensure minimal impact to surface waters and contribute to long-term environmental benefits.

Based on a review of current and planned development in Comerío, no significant cumulative impacts are anticipated. The project complements municipal strategies for resilience and land use, does not

place additional stress on infrastructure or public services, and is expected to enhance both environmental quality and quality of life. Therefore, the cumulative impact of the proposed project, in combination with other actions, is not expected to result in significant adverse environmental impact.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]:
The following alternatives were considered for this review, in conjunction with the 8-step process:

1. *Locate the project outside and not affecting the floodplain or wetland:*

   Locating the project outside of the floodplain was considered but ultimately rejected because it would likely move the project away from the urban center, reducing accessibility for low- to moderate-income (LMI) residents. Additionally, the primary objective of the proposed project is to eliminate an existing risk to life and property posed by structures currently located in the floodway. Relocating the project would not address this imminent danger. If not removed, the at-risk structures could collapse due to structural failure, endangering residents and bystanders, and causing environmental harm to the adjacent river. The project allows for purposeful use of the area rather than just abandonment or demolition of structures without any further use of the area.

   Selecting an alternative site outside the floodplain would also require relocating the project away from the Rio La Plata, making the creation of a waterfront park impossible. A park in another location would lack the unique appeal of the proposed site, which offers river views, walking paths, and seating areas for residents and visitors in close proximity to other urban center amenities, such as the public plaza and commercial areas. It would also fail to draw people into the urban center, thereby limiting potential economic benefits.

   Additionally, an alternate location would not support the planned landscaping improvements or the rehabilitation of the historic façade. Overall, the natural, social, and economic values of the project would not be realized to the same extent outside the proposed riverfront location. Furthermore, this alternative would not improve any floodplain values, such as removing hazards from the floodway. Social values such as aesthetics would also not have been improved as the site would continue to deteriorate. This would also lead to continued deterioration of the historic property whose façade will be improved and maintained.

2. *Alternative methods to serve the identical project objectives included:*
   - Location upstream or downstream of the proposed location.
   - Shifting built features away from the floodway and closer to higher ground near the project area.
   - Elevating the walkways and platforms above the street level, allowing floodwaters to pass underneath.

   These design alternatives were considered but ultimately rejected, as they failed to address the core objective of stabilizing the riparian zone and reducing risks to life and property. Relocating the project upstream or downstream would limit the economic potential of establishing a recreational area within the urban center and would not resolve the visual and structural issues caused by the deteriorating buildings at the urban center's entrance. Options such as elevating or relocating structures would also reduce accessibility—particularly for individuals with

disabilities and low-to-moderate income residents who depend on direct, walkable access to the urban core. Moreover, these alternatives would not facilitate the removal of structurally compromised buildings that present a flood hazard, nor would they enable restoration of the floodplain through embankment stabilization and the creation of green space. For these reasons, the alternatives were deemed impracticable in meeting the project's goals.

No Action Alternative [24 CFR 58.40(e)]:
The no-action alternative was considered but ultimately rejected, as it would not contribute to the revitalization of the urban center. Under this scenario, no park would be developed along the riverfront or elsewhere in the municipality. The urban core would remain largely unchanged, characterized by deteriorating commercial and residential buildings, with no upgrades to roads, sidewalks, drainage infrastructure, or landscaping.

The Municipality maintains the right of way of streets and nearby areas, and this section downtown does not have the appropriate infrastructure to provide residents with safe and enjoyable urban-scape space. The site is one of the main road entrances to the Comerío urban center and its structures are in need of immediate attention due to being structurally compromised. Therefore, a no-action alternative is not in the interest of the municipality.

Summary of Findings and Conclusions:
The proposed project involves the acquisition, demolition, and redevelopment of several parcels within the urban center of the municipality of Comerío to establish a public waterfront park. The project will remove seven dilapidated structures located along the La Plata River and redevelop the area with new open space infrastructure, stormwater management features, and green space, providing recreational and public safety benefits.

The site is located within a regulatory floodway and adjacent to a riverine wetland. However, the activity qualifies as a functionally dependent use under 24 CFR 55.1(b)(8). The 8-step decision-making process has been completed, demonstrating that no practicable alternative exists due to the location of the urban center predominantly within the floodplain. The project mitigates flood risk by permanently removing structures from a high-risk zone and avoiding future residential or commercial use in this area.

All compliance factors under 24 CFR Part 58.5 and 58.6 were reviewed. The following factors were cleared with no mitigation required:

- Airport Hazards
- Coastal Barrier Resources
- Flood Insurance
- Coastal Zone Management
- Air Quality
- Explosive and Flammable Hazards
- Farmlands Protection
- Noise Abatement and Control
- Sole Source Aquifers

- Wild and Scenic Rivers

The site does not contain prime farmlands or coastal barriers. There are no airports or flammable hazard sites in proximity. Flood insurance is not required as no residential or commercial structures will remain or be introduced in the floodplain.

Consultation under Section 106 of the National Historic Preservation Act was initiated with the Puerto Rico State Historic Preservation Office (SHPO) on July 16, 2025. SHPO concurred with a finding of No Adverse Effect on historic properties via letter dated August 13, 2025. The nearby NRHP-eligible structure will be preserved and its façade rehabilitated. SHPO will be notified if any additional historic or archaeological resources are discovered during construction.

Lead-based paint (LBP) and asbestos-containing materials (ACM) identified in the structures will be abated by certified professionals prior to demolition in accordance with EPA and OSHA regulations.

The project area does not support critical habitat for endangered species. If a Puerto Rican Boa is encountered during work, construction will temporarily cease until the animal has safely left the site. No other conservation measures are required.

Based on the environmental assessment conducted in accordance with 24 CFR Part 58, and after completing the necessary consultations and compliance reviews, it has been determined that the proposed project will not have a significant impact on the human environment. Therefore, the preparation of an Environmental Impact Statement (EIS) is not required under NEPA, and a Finding of No Significant Impact (FONSI) will be issued. This project complies with all applicable environmental regulations and HUD requirements and may proceed with the next phase of funding and implementation following the public notice and comment period as required under 24 CFR 58.43 and 58.70.

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

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

Law, Authority, or Factor	Mitigation Measure
Contamination and Toxic Substances	Asbestos and Lead-based paint abatement is required prior to demolition of the existing structures. This must be performed by certified professionals authorized by the Evidence of the abatement measures and certification of no presence must be provided for the completeness of the Environmental Review Record.
Floodplain Management	Follow mitigation measures were identified during 8 Step Process: • removal of damaged buildings in the floodway • new stormwater inlets • new green spaces/landscaping, • best management practices (BMPs) such as erosion and sedimentation controls will be implemented during the construction phase • embankment stabilization • all construction activities will occur above the river's ordinary high-water mark • new electrical systems must be resistant to flooding
Wetlands Protection	Best management practices must be implemented, including erosion and sedimentation controls, to avoid direct impact on the adjacent wetland, the La Plata River.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	To ensure slope stability during and after construction, the project will implement recognized geotechnical stabilization measures (the installation of the Terramesh System by Maccaferri) and engineering standards. The following recommendations were issued in the Geotechnical study: • A contracted geotechnical laboratory should be present to assist the project inspector in the monitoring of the geotechnical procedures and to perform the necessary quality control tests. • Final grading, Terramesh® profile sections and foundation plans should be submitted, to revise it and provide final geotechnical report. • Performing test pits at difficult or unreachable drilling areas is highly recommended before any earthwork operation in order to observe any unsuitable subsoil condition and submit further recommendations.

Determination:

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

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

Preparer Signature:  Date: December 5, 2025

Name/Title/Organization: Javier Vélez Arocho, Environmental Specialist, Diatom Environmental Services, LLC

Certifying Officer Signature: Date: December 10, 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 Attachments

1	Airport Hazards Map
2	Coastal Barrier Resources Map
3	Flood Insurance Rate Map
4	A. Nonattainment Areas Map B. Nonattainment Data
5	Coastal Hazard Management Map
6	A. Contaminations & Toxic Sites Map and Table B. ECHO Reports C. Lead-Based Paint Inspection Report D. Asbestos Containing Building Materials, Inspection report E. Phase I Environmental Site Assessment
7	Critical Habitat Map & No Effect memo and appendices
8	Explosive and Flammable Hazards Report & AST radius map
9	A. Farmland Protection Map B. Farmland Classification Report
10	A. Advisory Base Flood Elevation Map B. 8-step process package
11	Historic Preservation Section 106
12	Sole Source Aquifer Map
13	Wetlands Map
14	Wild & Scenic Rivers Map
15	Zoning Map
16	Landslide Classification Map
17	Preliminary Drawings – Comerio Waterfront Park MSE Wall
18	Preliminary Geotechnical Report at the Site of the Proposed Comerío Waterfront Project at Georgetti Steet, Comerío, P.R., March 8, 2024, by Earth Engineers
19	Hydrologic and Hydraulic Study of Río de la Plata, Comerío Waterfront Park, Comerío, Puerto Rico, May 2024, prepared by GLM Engineering Group, PSC

Attachment 1: Airport Hazards Map

PR-CRP-000570 - Waterfront Park

Coordinates: 18.217264°, -66.227098°

Address: Georgetti Street (PR-156) Comerío, Puerto Rico



August 19, 2025

PR-CRP-000570, Comerio

Airport Polygons

Airport Points

1:288,895

0 2.25 4.5 9 mi

0 3.75 7.5 15 km

Earthstar Geographics, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, EPA

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

Prepared by ICF

Attachment 2: Coastal Barrier Resources Map

PR-CRP-000570 - Waterfront Park

Coordinates: 18.217264°, -66.227098°

Address: Georgetti Street (PR-156) Comerío, Puerto Rico



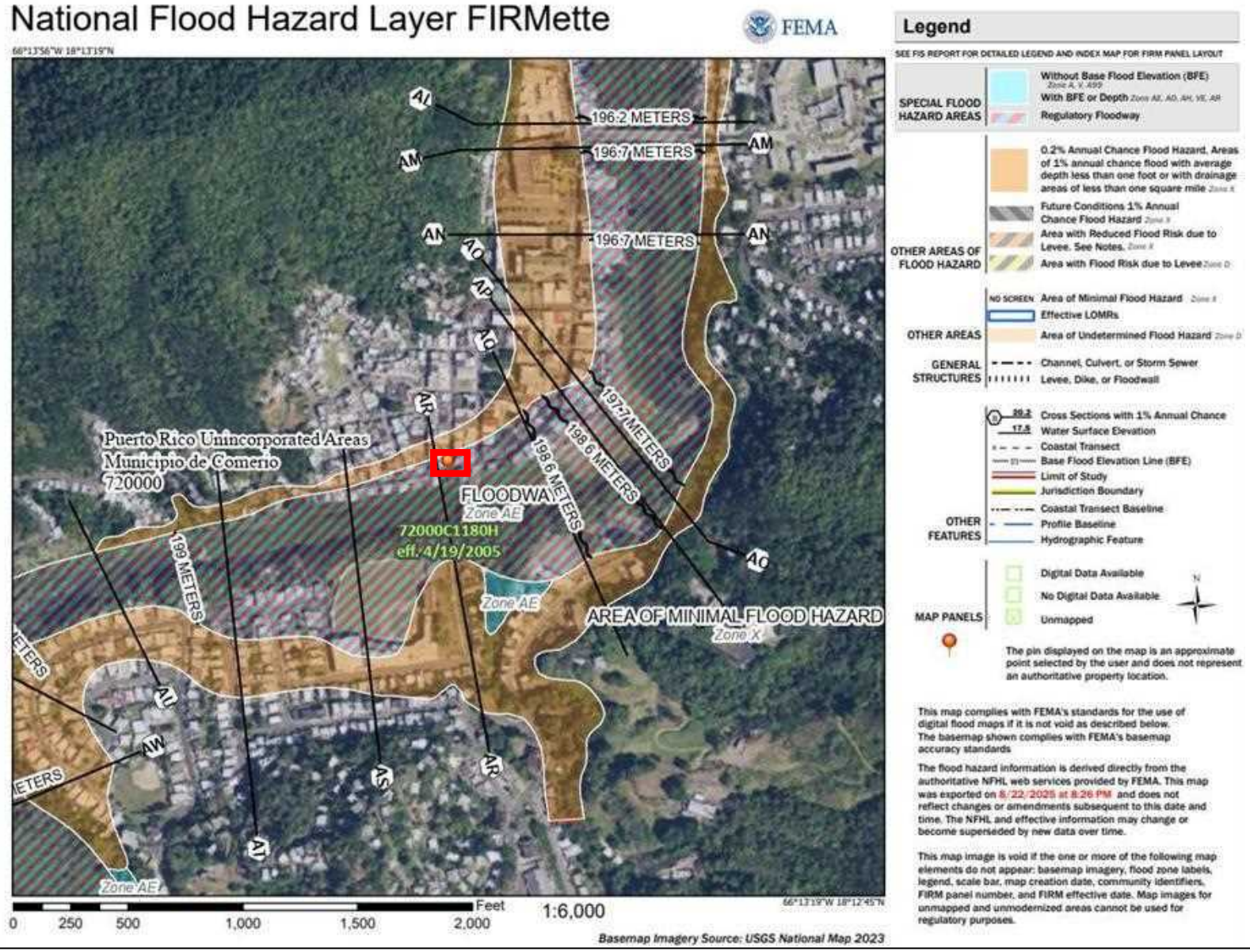
Source: U.S. Fish and Wildlife (USFWS) Coastal Barrier Resources System Mapper (Spatial Reference: WGS84) at URL https://fwsprimary.wim.usgs.gov/CBRSMapper-v2/

Attachment 3: Flood Insurance Map

PR-CRP-000570 - Waterfront Park

Coordinates: 18.217264°, -66.227098°

Address: Georgetti Street (PR-156) Comerío, Puerto Rico

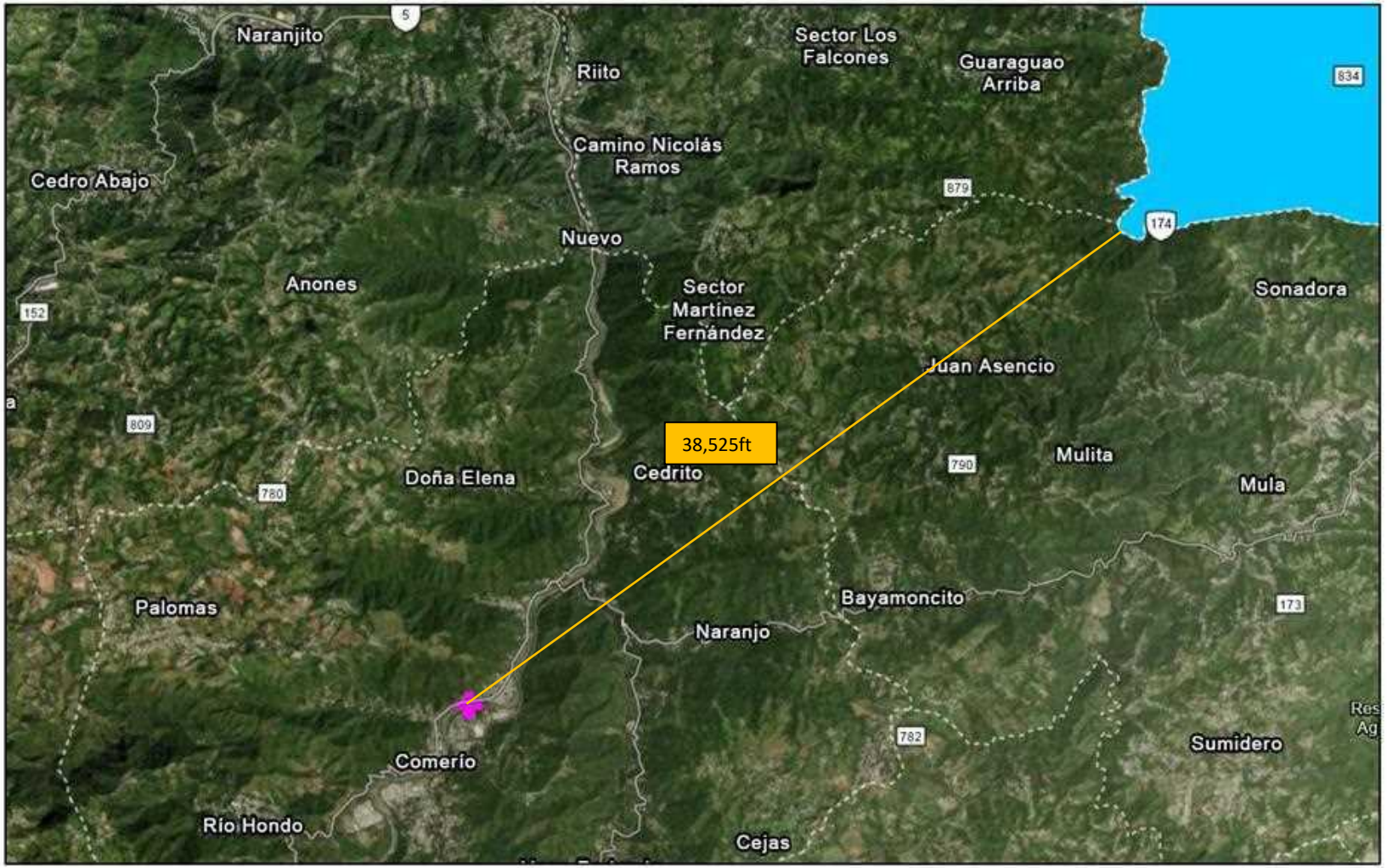


Source: FEMA FIRMette (Spatial Reference: NAVD88), accessed at URL https://msc.fema.gov/portal/search

Prepared by ICF

Attachment 4A: Non-Attainment Map
PR-CRP-000570- Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico



August 20, 2025

Project Location

Lead (2008 standard)
Maintenance
Nonattainment

PM10 (1987 standard)
Maintenance

N

1:72,224

0 0.5 1 2 mi
0 0.75 1.5 3 km

Earthstar Geographics, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, U.S.

Source: U.S. Environmental Protection Agency (EPA) NEPAssist (Spatial Reference: GRS80) at URL https://nepassisttool.epa.gov/nepassist/nepamap.aspx

Prepared by ICF

Attachment 4B: US EPA Greenbook Data

https://www3.epa.gov/airquality/greenbook/anayo_pr.html *accessed 4/30/2025*

EPA United States Environmental Protection Agency

Green Book

You are here: EPA Home > 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 April 30, 2025

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 $\mu g/m^3$) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State: PUERTO RICO GO

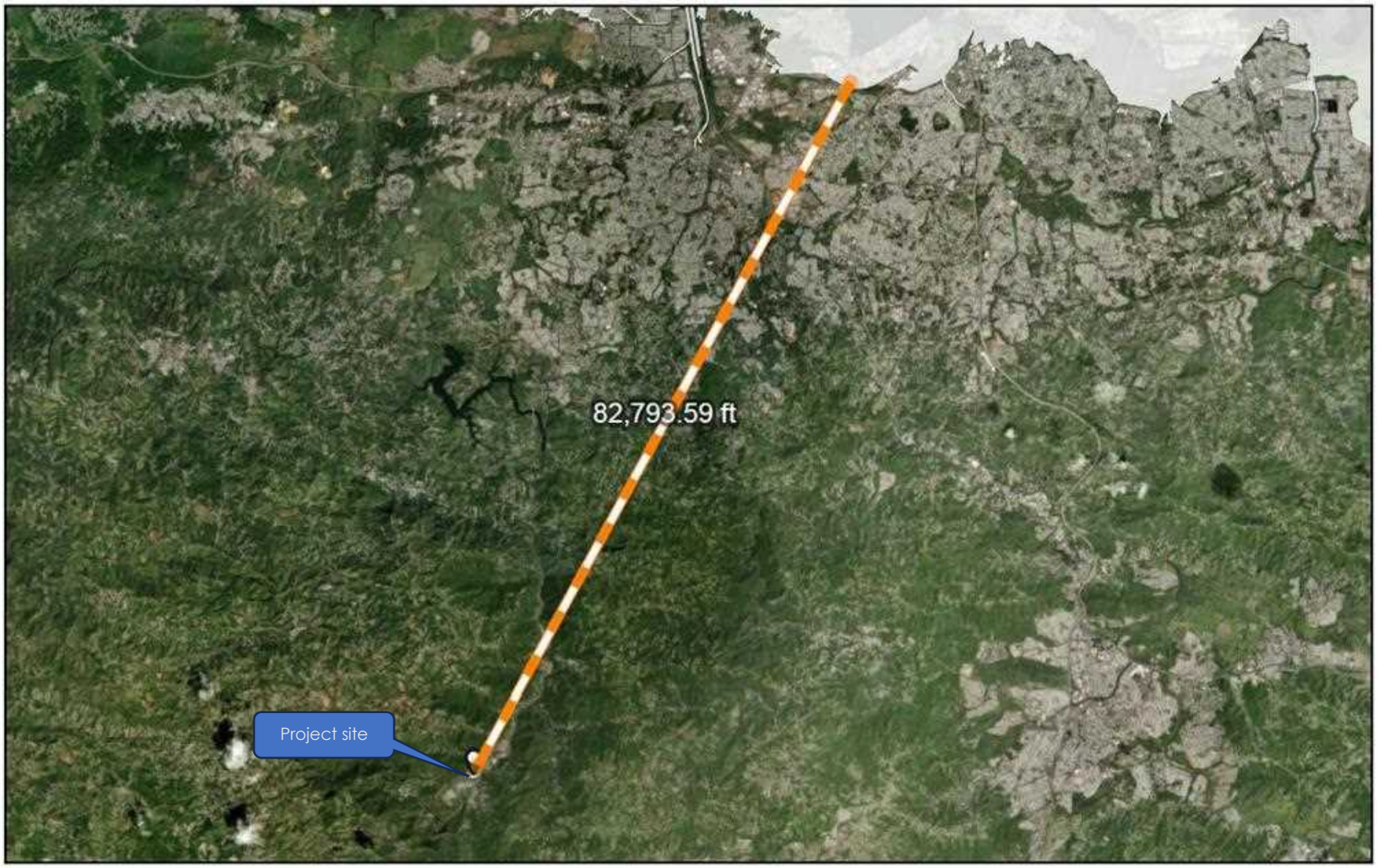
Important Notes

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
PUERTO RICO								
Arecibo Municipio	Lead (2008)	Arecibo, PR	11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	/ /		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23 24 25	/ /		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23 24 25	/ /		Whole	28,140	72/033
Guaynabo Municipio	PM-10 (1987)	Mun. of Guaynabo, PR	92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23 24 25	/ /		Part	23,802	72/061
Salinas Municipio	Sulfur Dioxide (2010)	Guayama-Salinas, PR	18 19 20 21 22 23 24 25	/ /		Part	23,401	72/123
San Juan Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23 24 25	/ /		Part	147,963	72/127
Toa Baja Municipio	Sulfur Dioxide (2010)	San Juan, PR	18 19 20 21 22 23 24 25	/ /		Part	52,441	72/137

Attachment 5: Coastal Zone Boundary Map

PR-CRP-000570 - Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico



8/19/2025

CoastalZoneManagementAct - Coastal Zone Management Act

coastal zone

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

38m Resolution Metadata

1:185,254

0 1.5 3 6 mi

0 2.25 4.5 9 km

Earthstar Geographics

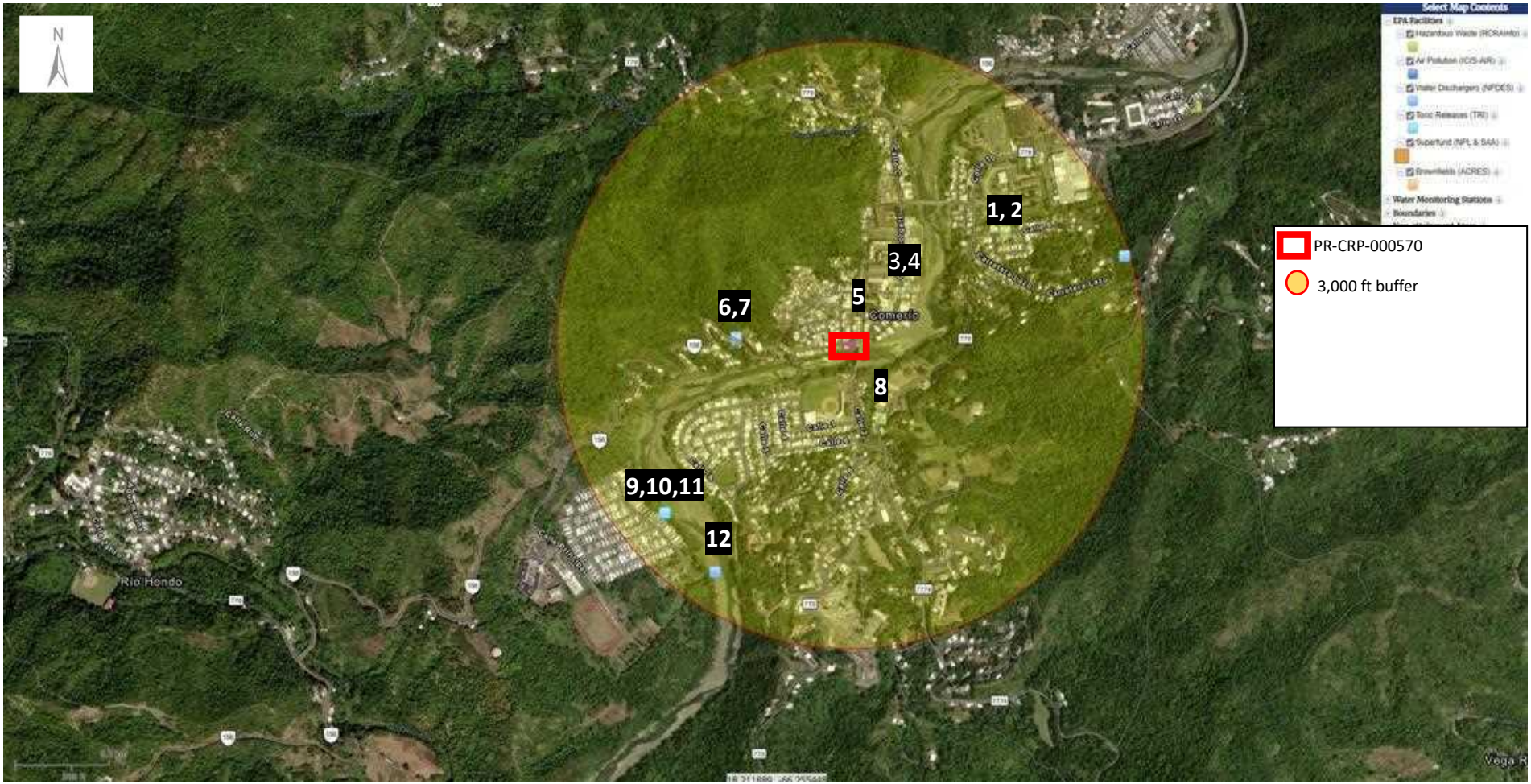
Source: US National Oceanic and Atmospheric Administration (NOAA), US Coastal Zone Management Act boundary (Spatial Reference: WGS84) at URL https://www.arcgis.com/apps/mapviewer/index.html?url=https://coast.noaa.gov:443/arcgis/rest/services/Hosted/CoastalZoneManagementAct/FeatureServer/0&source=sd

Prepared by ICF

Attachment 6A: Contamination and Toxic Substances Map

PR-CRP-000570 - Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico



Source: EPA NEPAssist (Spatial Reference: GRS80), accessed at URL https://nepassisttool.epa.gov/nepassist/nepamap.aspx

Prepared by ICF

Attachment 6A (continued): Contamination and Toxic Substances Table

PR-CRP-000570 Waterfront Park, Comerio

ID	EPA Facility	Distance from Project Site	Direction from Project Site	Description	Compliance Status
1	Hazardous Waste (RCRAInfo)	1,840 ft	NW	G T E Sylvania	No Violation Identified
2	Hazardous Waste (RCRAInfo)	2,005 ft	NW	Total Petroleum Puerto Rico Corp-Service Station 310305	No Violation Identified
3	Hazardous Waste (RCRAInfo)	730 ft	NW	Gallera Mufflers	No Violation Identified
4	Hazardous Waste (RCRAInfo)	730 ft	NW	Prasa - Sabana Del Palmar Pump Sta	No Violation Identified
5	Water Discharger (NPDES)	320 ft	NW	Comerío	No Violation Identified
6	Water Discharger (NPDES)	1,210 ft	W	Prasa Comerio Wtp	Enforcement Priority
7	Hazardous Waste (RCRAInfo)	1,210 ft	W	Prasa Comerio Wtp	No Violation Identified
8	Hazardous Waste (RCRAInfo)	795 ft	S	Comerio Stp	No Violation Identified
9	Water Discharger (NPDES)	2,620 ft	SW	Congar International Corp	No Violation Identified
10	Hazardous Waste (RCRAInfo)	2,620 ft	SW	Congar International Corp	No Violation Identified
11	Toxic Releases (TRI)	2,620 ft	SW	Congar International Corp	No Violation Identified
12	Water Dischargers (NPDES)	2,755 ft	SW	Prasa - Comerio-Rio Hondo Ward Wtp	Violation Identified

Attachment 6B – ECHO Reports

Detailed Facility Report

Facility Summary

G T E SYLVANIA

PR-778 KM 0.9 BO PASARELL, COMERIO, PR 00782

FRS (Facility Registry Service) ID: 110007805054

EPA Region: 02

Latitude: 18.220604

Longitude: -66.223362

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	09/16/1997
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRD000692632)

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007805054					N	18.220604	-66.223362

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
RCRAInfo	RCRA	PRD000692632	Other	Inactive ( )			N	18.220604	-66.223362

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007805054	G T E SYLVANIA	PR-778 KM 0.9 BO PASARELL, COMERIO, PR 00782	Comerío Municipio
RCRAInfo	RCRA	PRD000692632	G T E SYLVANIA	RD 778 KM 0.9 PASARELL WARD, COMERIO, PR 00642	Comerío Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD000692632	No	05/31/2025	0	05/30/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRD000692632)			07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25	04/01-06/30/25
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (ACS (American Community Survey))	
Total Persons	5,006
Population Density	1,611/sq.mi.
Housing Units in Area	1,951
Percent People of Color	100%
Households in Area	1,398
Households on Public Assistance	67
Persons With Low Income	4,174
Percent With Low Income	84%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.220604
Center Longitude	-66.223362
Total Area	--
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	660 (47.24%)
$15,000 - $25,000	272 (19.47%)
$25,000 - $50,000	353 (25.27%)
$50,000 - $75,000	63 (4.51%)
Greater than $75,000	49 (3.51%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	234 (5%)
Minors 17 years and younger	1,046 (21%)
Adults 18 years and older	3,961 (79%)
Seniors 65 years and older	1,093 (22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,730 (55%)
African-American	387 (8%)
Hispanic-Origin	4,997 (100%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	250 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	661 (18.4%)
9th through 12th Grade	351 (9.77%)
High School Diploma	1,127 (31.38%)
Some College/2-year	608 (16.93%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	606 (16.87%)

Detailed Facility Report

Facility Summary

TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310305

CARR 3779 KM 8.8, COMERIO, PR 00782

FRS (Facility Registry Service) ID: 110042424007

EPA Region: 02

Latitude: 18.220336

Longitude: -66.222523

Locational Data Source: RCRAINFO

Industries: Gasoline Stations

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000023184)

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110042424007					N	18.220336	-66.222523

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
RCRAInfo	RCRA	PRR000023184	VSQG	Active (H)			N	18.220336	-66.222523

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110042424007	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310305	CARR 3779 KM 8.8, COMERIO, PR 00782	Comerío Municipio
RCRAInfo	RCRA	PRR000023184	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310305	STATE RD 3779 KM 8.8, COMERIO, PR 00782	Comerío Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRR000023184	4471	Gasoline Stations
RCRAInfo	PRR000023184	44719	Other Gasoline Stations

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000023184	No	05/31/2025	0	05/30/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000023184)			07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25	04/01-06/30/25
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (ACS (American Community Survey))	
Total Persons	4,876
Population Density	1,569/sq.mi.
Housing Units in Area	1,898
Percent People of Color	100%
Households in Area	1,368
Households on Public Assistance	65
Persons With Low Income	4,070
Percent With Low Income	84%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.220336
Center Longitude	-66.222523
Total Area	--
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	649 (47.48%)
$15,000 - $25,000	264 (19.31%)
$25,000 - $50,000	345 (25.24%)
$50,000 - $75,000	62 (4.54%)
Greater than $75,000	47 (3.44%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	227 (5%)
Minors 17 years and younger	1,008 (21%)
Adults 18 years and older	3,868 (79%)
Seniors 65 years and older	1,065 (22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,650 (54%)
African-American	380 (8%)
Hispanic-Origin	4,868 (100%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	247 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	648 (18.45%)
9th through 12th Grade	345 (9.82%)
High School Diploma	1,101 (31.34%)
Some College/2-year	581 (16.54%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	601 (17.11%)

Detailed Facility Report

Facility Summary

GALLERA MUFFLERS

PR-156, COMERIO, PR 00782

FRS (Facility Registry Service) ID: 110007814785

EPA Region: 02

Latitude: 18.218696

Longitude: -66.225636

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	01/15/1998
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRO007001662)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007814785					N	18.218696	-66.225636

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
RCRAInfo	RCRA	PRO007001662	Other	Inactive ( )			N	18.218696	-66.225636

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007814785	GALLERA MUFFLERS	PR-156, COMERIO, PR 00782	Comerío Municipio
RCRAInfo	RCRA	PRO007001662	GALLERA MUFFLERS	RD 156, COMERIO, PR 00782	Comerío Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRO007001662	No	05/31/2025	0	05/30/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRO007001662)			07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25	04/01-06/30/25
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (ACS (American Community Survey))	
Total Persons	5,278
Population Density	1,700/sq.mi.
Housing Units in Area	2,043
Percent People of Color	100%
Households in Area	1,457
Households on Public Assistance	69
Persons With Low Income	4,339
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.218696
Center Longitude	-66.225636
Total Area	--
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	690 (47.33%)
$15,000 - $25,000	268 (18.38%)
$25,000 - $50,000	373 (25.58%)
$50,000 - $75,000	67 (4.6%)
Greater than $75,000	60 (4.12%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	262 (5%)
Minors 17 years and younger	1,123 (21%)
Adults 18 years and older	4,154 (79%)
Seniors 65 years and older	1,145 (22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,867 (54%)
African-American	405 (8%)
Hispanic-Origin	5,270 (100%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	238 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	672 (17.86%)
9th through 12th Grade	365 (9.7%)
High School Diploma	1,210 (32.16%)
Some College/2-year	641 (17.03%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	628 (16.69%)

Detailed Facility Report

Facility Summary

PRASA - SABANA DEL PALMAR PUMP STA

PR-156 SALIDA A, COMERIO, PR 00782

FRS (Facility Registry Service) ID: 110004895980

EPA Region: 02

Latitude: 18.218696

Longitude: -66.225636

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRR000013482)

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004895980					N	18.218696	-66.225636

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
RCRAInfo	RCRA	PRR000013482	Other	Inactive ( )			N	18.218696	-66.225636

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004895980	PRASA - SABANA DEL PALMAR PUMP STA	PR-156 SALIDA A, COMERIO, PR 00782	Comerío Municipio
RCRAInfo	RCRA	PRR000013482	PRASA - SABANA DEL PALMAR PUMP STA	CARR 156 SALIDA A, COMERIO, PR 00782	Comerío Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000013482	No	05/31/2025	0	05/30/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRR000013482)			07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25	04/01-06/30/25
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (ACS (American Community Survey))	
Total Persons	5,278
Population Density	1,700/sq.mi.
Housing Units in Area	2,043
Percent People of Color	100%
Households in Area	1,457
Households on Public Assistance	69
Persons With Low Income	4,339
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.218696
Center Longitude	-66.225636
Total Area	--
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	690 (47.33%)
$15,000 - $25,000	268 (18.38%)
$25,000 - $50,000	373 (25.58%)
$50,000 - $75,000	67 (4.6%)
Greater than $75,000	60 (4.12%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	262 (5%)
Minors 17 years and younger	1,123 (21%)
Adults 18 years and older	4,154 (79%)
Seniors 65 years and older	1,145 (22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,867 (54%)
African-American	405 (8%)
Hispanic-Origin	5,270 (100%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	238 (5%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	672 (17.86%)
9th through 12th Grade	365 (9.7%)
High School Diploma	1,210 (32.16%)
Some College/2-year	641 (17.03%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	628 (16.69%)

Detailed Facility Report

Facility Summary

COMERÍO

CALLE JOSÉ DE DIEGO NUMBER 13, COMERIO, PR 00782

FRS (Facility Registry Service) ID: 110055634498

EPA Region: 02

Latitude: 18.217944

Longitude: -66.226472

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	04/16/2025
Compliance Status	Unknown
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Expired; Compliance Tracking Partially Off (PRR040058)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110055634498					N	18.217944	-66.226472
ICIS-NPDES	CWA	PRR040058	Non-Major: General Permit Covered Facility	Expired; Compliance Tracking Partially Off	Urban Stormwater (Small MS4)	06/30/2021	N	18.217944	66.226472

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110055634498	COMERÍO	CALLE JOSÉ DE DIEGO NUMBER 13, COMERIO, PR 00782	
ICIS-NPDES	CWA	PRR040058	COMERÍO	CALLE JOSÉ DE DIEGO NUMBER 13, COMERIO, PR 00782	Comerío Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description

No data records returned

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	PRR040058	ICIS-NPDES	Offsite Record Review	Urban Stormwater (MS4) - Desk Audit	EPA	04/16/2025	

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR040058	No	12/31/2024	0	05/30/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PRR040058)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-05/30/25
	Facility-Level Status	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Undetermined
	Quarterly Noncompliance Report History	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100050707	Rio de la Plata at Represa Comerio Dam	--	No	No	--	No

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2024	PRER10A3	RIO LA PLATA	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) | NUTRIENTS | PATHOGENS | TEMPERATURE	Not Supporting	Not Supporting	--	Not Supporting	--

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name
No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
No data records returned	

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (ACS (American Community Survey))	
Total Persons	5,345
Population Density	1,722/sq.mi.
Housing Units in Area	2,065
Percent People of Color	100%
Households in Area	1,471
Households on Public Assistance	70
Persons With Low Income	4,373
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.217944
Center Longitude	-66.226472
Total Area	--
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	697 (47.38%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	271 (5%)
Minors 17 years and younger	1,145 (21%)
Adults 18 years and older	4,200 (79%)
Seniors 65 years and older	1,157 (22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,898 (54%)
African-American	410 (8%)
Hispanic-Origin	5,339 (100%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	233 (4%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	671 (17.63%)
9th through 12th Grade	368 (9.67%)
High School Diploma	1,231 (32.35%)
Some College/2-year	648 (17.03%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
$15,000 - $25,000	264 (17.95%)
$25,000 - $50,000	378 (25.7%)
$50,000 - $75,000	69 (4.69%)
Greater than $75,000	63 (4.28%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	634 (16.66%)

Detailed Facility Report

Facility Summary

PRASA COMERIO WTP

PR-775 KM 1.1, COMERIO, PR 00782

FRS (Facility Registry Service) ID: 110009814941

EPA Region: 02

Latitude: 18.217478

Longitude: -66.230463

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	03/27/1991
Compliance Status	Terminated Permit
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

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

Statute	SDWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	08/21/2023
Compliance Status	Enforcement Priority
Qtrs in Noncompliance (of 12)	6
Qtrs with Significant Violation	6
Informal Enforcement Actions (5 years)	10
Formal Enforcement Actions (5 years)	1
Penalties from Formal Enforcement Actions (5 years)	$0
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Terminated; Compliance Tracking Off (PR0022551)

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PR0000049221)

Safe Drinking Water Act (SDWA): OWNER: Local government, PRIMARY SERVICE AREA DESCRIPTION: Residential Area, SOURCE: Surface water, TYPE: Community water system Permit Active (PR0004705)

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

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110009814941					N	18.217478	-66.230463
ICIS		32142					N	18.217456	-66.230445
ICIS		32141					N	18.217456	-66.230445

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
ICIS		40825					N	18.217456	-66.230445
ICIS-NPDES	CWA	PR0022551	Non-Major: NPDES Individual Permit	Terminated; Compliance Tracking Off		11/30/2010	N	18.219444	-66.230833
RCRAInfo	RCRA	PR0000049221	Other	Inactive ( )			N		
SDWIS	SDWA	PR0004705	OWNER: Local government, PRIMARY SERVICE AREA DESCRIPTION: Residential Area, SOURCE: Surface water, TYPE: Community water system	Active	Population Served: 14872		N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110009814941	PRASA COMERIO WTP	PR-775 KM 1.1, COMERIO, PR 00782	Comerío Municipio
ICIS		32142	PRASA COMERIO FILTER PLANT	CARR 775 KM 1.1, COMERIO, PR 00782	Comerío Municipio
ICIS		32141	PRASA COMERIO WTP	CARR 775 KM 1.1, COMERIO, PR 00782	Comerío Municipio
ICIS		40825	PRASA WTP COMERIO FILTER PLANT	ROAD 775, KM 1.1, COMERIO, PR 00782	Comerío Municipio
ICIS-NPDES	CWA	PR0022551	PRASA WTP COMERIO FILTER PLANT	ROAD 775, KM 1.1, COMERIO, PR 00642	Comerío Municipio
RCRAInfo	RCRA	PR0000049221	PRASA COMERIO FILTER PLANT	CARR 775 KM 1.1, COMERIO, PR 00782	Comerío Municipio
SDWIS	SDWA	PR0004705	COMERIO URBANO	PR	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PR0022551	4941	Water Supply

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description

No data records returned

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
SDWA	PR0004705	ICIS	Inspection/Evaluation	On Site Visit	EPA	08/21/2023	
SDWA	*PR0004705*	*SDWIS*		*Sanitary Survey, Complete*	*State*	*08/26/2020*	

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

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

Source ID	Date	Type	Agency	Data Verification	Distribution	Management Operation	Finished Water Storage	Operator Compliance	Other Evaluation	Pumps	Security	Source	Financial	Treatment
PR0004705	08/26/2020	Sanitary Survey, Complete	State	Z (Not Applicable)	Z (Not Applicable)	Z (Not Applicable)	Z (Not Applicable)	Z (Not Applicable)	Z (Not Applicable)	Z (Not Applicable)	Z (Not Applicable)	Z (Not Applicable)	Z (Not Applicable)	Z (Not Applicable)

Sanitary survey result codes:

S = Significant Deficiencies
M = Minor Deficiencies
R = Recommendations Made
N = No Deficiencies or Recommendations
X = Not Evaluated
Z = Not Applicable
D = Sanitary Defect
-- = Not Reported to EPA

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PR0022551	No	12/31/2024	0	05/30/2025
RCRA	PR0000049221	No	05/31/2025	0	05/30/2025
SDWA	PR0004705	Yes	12/31/2024	6	05/08/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PR0022551)		01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-05/30/25
	Facility-Level Status	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit
	Quarterly Noncompliance Report History													

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PR0000049221)			07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25	04/01-06/30/25
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Statute	Violation Type/Category		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13*
SDWA (Source ID: PR0004705)			01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25
	Facility-Level Status		No Violation	No Violation	No Violation	No Violation	No Violation	No Violation	Enforcement Priority	Enforcement Priority	Enforcement Priority	Enforcement Priority	Enforcement Priority	Enforcement Priority	In Progress
	Category	Violation Type													

Statute	Violation Type/Category		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13*
SDWA	TT (Treatment Technique Violation)	Surface Water Treatment Rule							09/01/2023 - 09/24/2023						Und
SDWA	TT (Treatment Technique Violation)	Interim and Long Term 1 Enhanced Surface Water Treatment Rule							08/01/2023 - 09/30/2023	10/01/2023 - 11/30/2023					Und

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

SDWA Compliance Data Last Reported: 12/31/2024

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
SDWA	SDWIS	PR0004705	State Formal Notice of Violation issued	State	02/08/2024
SDWA	SDWIS	PR0004705	State Formal Notice of Violation issued	State	02/08/2024
SDWA	SDWIS	PR0004705	State Formal Notice of Violation issued	State	01/19/2024
SDWA	SDWIS	PR0004705	State Formal Notice of Violation issued	State	01/19/2024
SDWA	SDWIS	PR0004705	State Formal Notice of Violation issued	State	11/13/2023
SDWA	SDWIS	PR0004705	State Formal Notice of Violation issued	State	11/13/2023
SDWA	SDWIS	PR0004705	State Formal Notice of Violation issued	State	11/13/2023
SDWA	SDWIS	PR0004705	State Formal Notice of Violation issued	State	10/13/2023
SDWA	SDWIS	PR0004705	State Formal Notice of Violation issued	State	10/13/2023
SDWA	SDWIS	PR0004705	State Formal Notice of Violation issued	State	10/06/2020

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

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
SDWA	SDWIS	--	SFDW/PR0004705	State Civil Case filed in State court	--	State	--	--	1	01/15/2020	--	--	--	--	--

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

Violations											Enforcement Actions			
Source ID	Noncompliance Period	Violation ID	Federal Rule	Contaminant	Category	Description	Measured Value	State MCL (Maximum Contaminant Level)	Federal MCL (Maximum Contaminant Level)	Status	Date	Category	Description	Agency
PR0004705	11/01/2023 - 11/30/2023	7008722	Interim and Long Term 1 Enhanced Surface Water Treatment Rule	Interim Enhanced Surface Water Treatment Rule	TT	Treatment Technique Violation	--	--	--	Archived	02/08/2024	Informal	State Formal Notice of Violation issued	State
PR0004705	11/01/2023 - 11/30/2023	7008721	Interim and Long Term 1 Enhanced Surface Water Treatment Rule	Interim Enhanced Surface Water Treatment Rule	TT	Treatment Technique Violation	--	--	--	Archived	02/08/2024	Informal	State Formal Notice of Violation issued	State
PR0004705	10/01/2023 - 10/31/2023	7008720	Interim and Long Term 1 Enhanced Surface Water Treatment Rule	Interim Enhanced Surface Water Treatment Rule	TT	Treatment Technique Violation	--	--	--	Archived	01/19/2024	Informal	State Formal Notice of Violation issued	State
PR0004705	10/01/2023 - 10/31/2023	7008719	Interim and Long Term 1 Enhanced Surface Water Treatment Rule	Interim Enhanced Surface Water Treatment Rule	TT	Treatment Technique Violation	--	--	--	Archived	01/19/2024	Informal	State Formal Notice of Violation issued	State
PR0004705	09/01/2023 - 09/30/2023	7008717	Interim and Long Term 1 Enhanced Surface Water Treatment Rule	Interim Enhanced Surface Water Treatment Rule	TT	Treatment Technique Violation	--	--	--	Resolved	12/31/2023 11/13/2023	Resolving Informal	State Compliance achieved State Formal Notice of Violation issued	State State
PR0004705	09/01/2023 - 09/30/2023	7008716	Interim and Long Term 1 Enhanced Surface Water Treatment Rule	Interim Enhanced Surface Water Treatment Rule	TT	Treatment Technique Violation	--	--	--	Resolved	12/31/2023 11/13/2023	Resolving Informal	State Compliance achieved State Formal Notice of Violation issued	State State
PR0004705	09/01/2023 - 09/24/2023	7008718	Surface Water Treatment Rule	Surface Water Treatment Rule	TT	Treatment Technique Violation	--	--	--	Resolved	11/13/2023 09/24/2023	Informal Resolving	State Formal Notice of Violation issued State Compliance achieved	State State
PR0004705	08/01/2023 - 08/31/2023	7008715	Interim and Long Term 1 Enhanced Surface Water Treatment Rule	Interim Enhanced Surface Water Treatment Rule	TT	Treatment Technique Violation	--	--	--	Resolved	12/31/2023 10/13/2023	Resolving Informal	State Compliance achieved State Formal Notice of Violation issued	State State
PR0004705	08/01/2023 - 08/31/2023	7008714	Interim and Long Term 1 Enhanced Surface Water Treatment Rule	Interim Enhanced Surface Water Treatment Rule	TT	Treatment Technique Violation	--	--	--	Resolved	12/31/2023 10/13/2023	Resolving Informal	State Compliance achieved State Formal Notice of Violation issued	State State

Violations											Enforcement Actions			
Source ID	Noncompliance Period	Violation ID	Federal Rule	Contaminant	Category	Description	Measured Value	State MCL (Maximum Contaminant Level)	Federal MCL (Maximum Contaminant Level)	Status	Date	Category	Description	Agency
PR0004705	08/01/2020 - 08/31/2020	7008713	Interim and Long Term 1 Enhanced Surface Water Treatment Rule	Interim Enhanced Surface Water Treatment Rule	TT	Treatment Technique Violation	--	--	--	Resolved	10/06/2020 09/30/2020	Informal Resolving	State Formal Notice of Violation issued State Compliance achieved	State State
PR0004705	07/01/2020 - 09/30/2020	7008712	Stage 2 Disinfectants and Disinfection Byproducts Rule	TTHM	MCL	Maximum Contaminant Level Violation	.083 MG/L	.08 MG/L	0.080 mg/L	Resolved	12/31/2020 01/15/2019	Resolving Formal	State Compliance achieved State Civil Case filed in State court	State State
PR0004705	07/01/2020 - 07/31/2020	7008709	Consumer Confidence Rule	Consumer Confidence Rule	Other	Other Violation	--	--	--	Resolved	07/31/2020	Resolving	State Compliance achieved	State
PR0004705	04/01/2020 - 06/30/2020	7008710	Stage 2 Disinfectants and Disinfection Byproducts Rule	TTHM	MCL	Maximum Contaminant Level Violation	.102 MG/L	.08 MG/L	0.080 mg/L	Resolved	12/31/2020 12/31/2020	Resolving Resolving	State Compliance achieved State Compliance achieved	State State
PR0004705	01/01/2020 - 03/31/2020	7008711	Stage 2 Disinfectants and Disinfection Byproducts Rule	TTHM	MCL	Maximum Contaminant Level Violation	.1 MG/L	.08 MG/L	0.080 mg/L	Resolved	12/31/2020 12/31/2020	Resolving Resolving	State Compliance achieved State Compliance achieved	State State
PR0004705	--	--	--	--	--	--	--	--	--	--	01/15/2020	Formal	State Civil Case filed in State court	State
PR0004705	--	--	--	--	--	--	--	--	--	--	10/31/2019	Resolving	State Compliance achieved	State
PR0004705	--	--	--	--	--	--	--	--	--	--	12/17/1993	Informal	Federal Proposed Administrative Order Issued	EPA
PR0004705	--	--	--	--	--	--	--	--	--	--	08/19/1993	Informal	State Public Notification received	State
PR0004705	--	--	--	--	--	--	--	--	--	--	02/28/1991	Informal	State Violation/Reminder Notice	State

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100050707	Rio de la Plata at Represa Comerio Dam	LA PLATA RIVER	No	No	Arsenic, total (as As) | Coliform, fecal - % sample exceeds limit | Coliform, fecal general | Copper, total (as Cu) | Lead, total (as Pb) | Nitrogen, ammonia total (as N) | Phosphorus, total (as P) | Temperature, water deg. centigrade | Zinc, total (as Zn)	No

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2024	PRER10A3	RIO LA PLATA	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) | NUTRIENTS | PATHOGENS | TEMPERATURE	Not Supporting	Not Supporting	--	Not Supporting	--

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description

No data records returned

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (ACS (American Community Survey))	
Total Persons	5,544
Population Density	1,787/sq.mi.
Housing Units in Area	2,133
Percent People of Color	100%
Households in Area	1,510
Households on Public Assistance	71
Persons With Low Income	4,486
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.217478
Center Longitude	-66.230463
Total Area	--
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	714 (47.28%)
$15,000 - $25,000	262 (17.35%)
$25,000 - $50,000	391 (25.89%)
$50,000 - $75,000	72 (4.77%)
Greater than $75,000	71 (4.7%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	298 (5%)
Minors 17 years and younger	1,224 (22%)
Adults 18 years and older	4,319 (78%)
Seniors 65 years and older	1,185 (21%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	3,027 (55%)
African-American	413 (7%)
Hispanic-Origin	5,537 (100%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	226 (4%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	674 (17.22%)
9th through 12th Grade	375 (9.58%)
High School Diploma	1,261 (32.22%)
Some College/2-year	698 (17.83%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	643 (16.43%)

Detailed Facility Report

Facility Summary

COMERIO STP

PR-778 KM 0.1, COMERIO, PR 00782

FRS (Facility Registry Service) ID: 110007804037

EPA Region: 02

Latitude: 18.215276

Longitude: -66.22618

Locational Data Source: RCRAINFO

Industries: Utilities

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRD000689448)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007804037					N	18.215276	-66.22618

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
RCRAInfo	RCRA	PRD000689448	Other	Inactive ( )			N	18.215276	-66.22618

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007804037	COMERIO STP	PR-778 KM 0.1, COMERIO, PR 00782	Comerío Municipio
RCRAInfo	RCRA	PRD000689448	COMERIO STP	STATE RD 778 KM 0.1, COMERIO, PR 00642	Comerío Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description

No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	PRD000689448	22132	Sewage Treatment Facilities

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD000689448	No	05/31/2025	0	05/30/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRD000689448)			07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25	04/01-06/30/25
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (ACS (American Community Survey))	
Total Persons	5,163
Population Density	1,663/sq.mi.
Housing Units in Area	1,979
Percent People of Color	100%
Households in Area	1,426
Households on Public Assistance	66
Persons With Low Income	4,189
Percent With Low Income	81%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.215276
Center Longitude	-66.22618
Total Area	--
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	685 (47.97%)
$15,000 - $25,000	243 (17.02%)
$25,000 - $50,000	369 (25.84%)
$50,000 - $75,000	66 (4.62%)
Greater than $75,000	65 (4.55%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	267 (5%)
Minors 17 years and younger	1,093 (21%)
Adults 18 years and older	4,070 (79%)
Seniors 65 years and older	1,115 (22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,757 (53%)
African-American	402 (8%)
Hispanic-Origin	5,160 (100%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	216 (4%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	641 (17.36%)
9th through 12th Grade	360 (9.75%)
High School Diploma	1,221 (33.06%)
Some College/2-year	594 (16.08%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	637 (17.25%)

Detailed Facility Report

Facility Summary

CONGAR INTERNATIONAL CORP

PR-778 KM 1.2 BO PASARELL, COMERIO, PR 00782

FRS (Facility Registry Service) ID: 110007810770

EPA Region: 02

Latitude: 18.212691

Longitude: -66.232559

Locational Data Source: TRIS

Industries: Beverage and Tobacco Product Manufacturing

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	04/15/2015
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	07/24/2003
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): Operating Minor (PR0000007204500001)

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRD987372901)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): 00642CNGRNROUTE

Compliance and Emissions Data Reporting Interface (CEDRI): CEDRI1568

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007810770					N	18.212691	-66.232559
ICIS-Air	CAA	PR0000007204500001	Minor Emissions	Operating	CAAMACT, CAASIP		N	18.214667	-66.232944
CEDRI	CAA	CEDRI1568					N		
TRI	EP313	00642CNGRNROUTE	Toxics Release Inventory	Last Reported for 2016			N	18.212691	-66.232559
RCRAInfo	RCRA	PRD987372901	Other	Inactive ( )			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110007810770	CONGAR INTERNATIONAL CORP	PR-778 KM 1.2 BO PASARELL, COMERIO, PR 00782	Comerío Municipio
ICIS-Air	CAA	PR0000007204500001	CONGAR INTERNAL CORP.	CARR 778, KM 1.2 AVE. INDUSTRIAL PASARELL, COMERIO, PR 00642	Comerío Municipio
CEDRI	CAA	CEDRI1568	CONGAR INTERNATIONAL CORP	PR-778 KM 1.2 BO PASARELL, COMERIO, PR 782	
TRI	EP313	00642CNGRNROUTE	CONGAR INTERNATIONAL CORP TOBACCO THRESHING	RT 778, COMERIO, PR 00782	Comerío Municipio
RCRAInfo	RCRA	PRD987372901	CONGAR INTERNATIONAL CORP	RD 778 KM 1.2 PASARELL WARD, COMERIO, PR 00781	Comerío Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	00642CNGRNROUTE	2121	Cigars
TRI	00642CNGRNROUTE	2141	Tobacco Stemming And Redrying
ICIS-Air	PR0000007204500001	2121	Cigars

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	00642CNGRNROUTE	312229	Other Tobacco Product Manufacturing
TRI	00642CNGRNROUTE	312230	Tobacco Manufacturing
ICIS-Air	PR0000007204500001	312229	Other Tobacco Product Manufacturing
RCRAInfo	PRD987372901	531312	Nonresidential Property Managers

Facility Tribe Information

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

Enforcement and Compliance

CAA (CAA (Clean Air Act)) Compliance Pipeline (Compliance Monitoring→ Violations → Enforcement Actions) (10 Years)

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

PR0000007204500001 : CONGAR INTERNAL CORP.

Compliance Monitoring			Violations					Enforcement Actions			
Compliance Monitoring Type	Compliance Monitoring Agency	Compliance Monitoring Date	Violation Type	Violation Agency	Violation Programs	Violation Determ. (Determination) Date	Violation End Date	Enforcement Action Type	Enforcement Action Date	Penalty Assessed	Comp Action Cost
--	--	--									

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

Compliance Monitoring History

Last 5 Years

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

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	PR0000007204500001	No	05/31/2025	0	05/30/2025
RCRA	PRD987372901	No	05/31/2025	0	05/30/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: PR0000007204500001)		07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25	04/01-06/30/25
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History												

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	Violation Type	Agency	Programs	Pollutants												

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRD987372901)			07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-03/31/25	04/01-06/30/25
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

Air Pollutant Report TRI Pollution Prevention Report

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
00642CNGRNROUTE	2016	10	--	132	--	0	10	6,482
00642CNGRNROUTE	2015	18	--	197	--	0	18	28,007
00642CNGRNROUTE	2014	22	--	297	--	0	22	19,747

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

Chemical Name	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Benzo[g,h,i]perylene	--	--	--	--	--	--	--	0	0	0
Nicotine and salts	--	--	--	--	--	--	--	6,492	28,025	19,769
Polycyclic aromatic compounds	--	--	--	--	--	--	--	0	0	0

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (ACS (American Community Survey))	
Total Persons	4,852
Population Density	1,563/sq.mi.
Housing Units in Area	1,852
Percent People of Color	100%
Households in Area	1,323
Households on Public Assistance	53
Persons With Low Income	3,827
Percent With Low Income	79%

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	270 (6%)
Minors 17 years and younger	1,024 (21%)
Adults 18 years and older	3,830 (79%)
Seniors 65 years and older	1,030 (21%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,574 (53%)
African-American	398 (8%)
Hispanic-Origin	4,850 (100%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.212691
Center Longitude	-66.232559
Total Area	--
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	626 (47.32%)
$15,000 - $25,000	204 (15.42%)
$25,000 - $50,000	356 (26.91%)
$50,000 - $75,000	68 (5.14%)
Greater than $75,000	69 (5.22%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	177 (4%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	558 (16.03%)
9th through 12th Grade	300 (8.62%)
High School Diploma	1,197 (34.38%)
Some College/2-year	572 (16.43%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	616 (17.69%)

Detailed Facility Report

Facility Summary

PRASA - COMERIO-RIO HONDO WARD WTP

PR-156 KM 30.5 RIO HONDO WARD AT PALMA REAL ST., COMERIO, PR 00782

FRS (Facility Registry Service) ID: 110064641204

EPA Region: 02

Latitude: 18.211083

Longitude: -66.231083

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	02/25/2020
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	1
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	1
Penalties from Formal Enforcement Actions (5 years)	$0
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Admin Continued (PR0026573)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

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

Go To Enforcement/Compliance Details

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

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110064641204					N	18.211083	-66.231083
ICIS-NPDES	CWA	PR0026573	Non-Major: NPDES Individual Permit	Admin Continued		11/30/2024	N	18.211083	-66.231083

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110064641204	PRASA - COMERIO-RIO HONDO WARD WTP	PR-156 KM 30.5 RIO HONDO WARD AT PALMA REAL ST., COMERIO, PR 00782	Comerío Municipio
ICIS-NPDES	CWA	PR0026573	PRASA COMERIO-RIO HONDO WTP	ROAD 156 KM 30.5, RIO HONDO WARD AT PALMA REAL ST., COMERIO, PR 00782	Comerío Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PR0026573	4941	Water Supply

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description

No data records returned

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
PR0026573	000	No Applicable Effluent Guidelines

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PR0026573	No	12/31/2024	1	05/30/2025

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PR0026573)					01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24	07/01-09/30/24	10/01-12/31/24	01/01-05/30/25
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Violation Identified
	Quarterly Noncompliance Report History				Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	Resolved - Pending	
	Pollutant	**Disch Point**	**Mon Loc**	**Freq**													
CWA	Copper, total [as Cu] <effluent-charts#pr0026573/01042> [redacted] <https://epa.gov/effluent-charts#pr0026573/01042>	001 - A	Effluent Gross	NMth												39%	
CWA	Lead, total [as Pb] <effluent-charts#pr0026573/01051> [redacted] <https://epa.gov/effluent-charts#pr0026573/01051>	001 - A	Effluent Gross	NMth	951%						82%	25%	111%	28%		188%	
CWA	Oxygen, dissolved [DO] <effluent-charts#pr0026573/00300> [redacted] <https://epa.gov/effluent-charts#pr0026573/00300>	001 - A	Effluent Gross	Neither			14%				80%				2%		

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA	Phosphorus, total [as P] <effluent-charts#pr0026573/00665> [redacted] <https://epa.gov/effluent-charts#pr0026573/00665>	001 - A	Effluent Gross	NMth	258%					7%	19%	199%	136%	87%			
CWA	Turbidity <effluent-charts#pr0026573/00070> [redacted] <https://epa.gov/effluent-charts#pr0026573/00070>	001 - A	Effluent Gross	NMth	LIMIT VIOLATION					LIMIT VIOLATION	LIMIT VIOLATION	LIMIT VIOLATION	LIMIT VIOLATION	LIMIT VIOLATION	LIMIT VIOLATION	LIMIT VIOLATION	LIMIT VIOLATION
CWA	pH <effluent-charts#pr0026573/00400> [redacted] <https://epa.gov/effluent-charts#pr0026573/00400>	001 - A	Effluent Gross	NMth							LIMIT VIOLATION	LIMIT VIOLATION					

Informal Enforcement Actions

Last 5 Years

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

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

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
CWA	ICIS-NPDES	301	NPDES/PR0026573	Judicial	02-2011-0007	EPA	PRASA - Puerto Nuevo Regional WWTP et al.	09/15/2015	2	05/23/2016	$0	--	--	--	$700,000,000
										03/22/2024	$0	--	--	--	$530,000,000

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
210100050707	Rio de la Plata at Represa Comerio Dam	LA PLATA RIVER	No	No	Ammonia & ammonium- total | Copper, total (as Cu) | Enterococci | Lead, total (as Pb) | Phosphorus, total (as P) | Temperature, water deg. centigrade | Zinc, total (as Zn)	No

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2024	PRER10A3	RIO LA PLATA	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) | NUTRIENTS | PATHOGENS | TEMPERATURE	Not Supporting	Not Supporting	--	Not Supporting	--

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description	2020	2021	2022	2023	2024
PR0026573	DMR Pollutant Loadings (lb/year)	2,798	4,640	1,964	10,294	17,442
PR0026573	DMR Pollutant Loadings - Load Over Limit (lb/year)	0	0	734	726	955
PR0026573	DMR Conventional Loadings (lb/year)	--	--	--	--	14,733
PR0026573	DMR Conventional Loadings - Load Over Limit (lb/year)	--	--	--	--	0
PR0026573	DMR Toxic-Weighted Loadings (lb-eq/year)	10.11	25.27	47.34	65.97	59.73
PR0026573	DMR Toxic-Weighted Loadings - Load Over Limit (lb-eq/year)	0	0	15.30	2.09	7.77

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (ACS (American Community Survey))	
Total Persons	4,733
Population Density	1,524/sq.mi.
Housing Units in Area	1,794
Percent People of Color	100%
Households in Area	1,294
Households on Public Assistance	52
Persons With Low Income	3,714
Percent With Low Income	79%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.211083
Center Longitude	-66.231083
Total Area	--
Land Area	99%
Water Area	1%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	616 (47.64%)
$15,000 - $25,000	193 (14.93%)
$25,000 - $50,000	349 (26.99%)
$50,000 - $75,000	65 (5.03%)
Greater than $75,000	70 (5.41%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	264 (6%)
Minors 17 years and younger	986 (21%)
Adults 18 years and older	3,745 (79%)
Seniors 65 years and older	1,005 (21%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	2,479 (52%)
African-American	394 (8%)
Hispanic-Origin	4,732 (100%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	175 (4%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	544 (15.97%)
9th through 12th Grade	293 (8.6%)
High School Diploma	1,184 (34.75%)
Some College/2-year	538 (15.79%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	616 (18.08%)

Attachment 6C – Lead Base Paint (LBP) Report

Lead Based Paint Inspection Report

Project:

Comerío Waterfront Park Intervention on Georgetti St. from Km 0.01 to 0.03 & Km 31.7 to 31.8, Comerío, Puerto Rico, PR-CRP-000570 Project



Client:
ERB Arquitectos, PSC

ZEM-23207
August 2023

Prepared By:

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SECTION 1: EXECUTIVE SUMMARY

1.1 INTRODUCTION

A Lead-Based Paint inspection was conducted on August 4, 2023, at Comerío Waterfront Park Intervention on Georgetti St. from Km 0.01 to 0.03 & Km 31.7 to 31.8, Comerío, Puerto Rico, PR-CRP-000570 Project. The lead-based paint inspection was performed to identify paint that contains lead above allowable levels and to assist with compliance with local, state, and federal regulations.

1.2 SUMMARY OF PROPERTY EVALUATION

The project consisted of the evaluation of the exterior areas of the aforementioned project. The evaluation found that lead-based paint was present in selective components and surfaces throughout the project on the date of the inspection. Table 1-1 identifies the components positive for lead. Table 2-1 identifies lead-based paint as defined by the U.S. Environmental Protection Agency (EPA) and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico. For specific locations and additional detail on the location of the lead- reference Sections 2 and 3.

1.3 PROPERTY LOCATIONS OF BUILDING COMPONENTS WITH LEAD-BASED PAINT

Table 1-1 summarizes the site components and surfaces coated with lead-based paint. Details that identify positive lead-based paint findings within specific areas and on surfaces were provided in the lead-based paint inspection report. The "substrate" is the building component material directly beneath the painted surface. Photographic documentation is for reference purposes and doesn't necessarily include all the surfaces with lead-based paint and/or components containing lead. The quantification of positive materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.

If homogeneous materials that were not accounted for are identified in areas that are not described in this report or inaccessible areas described in Section 2.3.3, they shall be managed as containing lead. If suspected components that could contain lead are encountered underneath currently installed tiles or other construction material, they shall be managed as containing lead until the appropriate test is performed. Refer to Appendix E: Location of Positive Materials for specific locations.

Table 1-1: Summary of Components Containing Lead

Area	Component	Color	Substrate	Approximate Amount
Agapito Dávila Street, PR-156, Km 31.7 & Progreso Street	Curb	Yellow	Concrete	110 Ln Ft
Agapito Dávila Street	Lid	Yellow	Metal	1 unit

Note:

1. The quantification of positive materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.

SECTION 2: LEAD-BASED PAINT INSPECTION REPORT

2.1 OVERVIEW OF THE EVALUATION

This lead-based paint inspection is an investigation to identify all lead-based paint on a surface-by-surface basis. A lead-based paint inspection conforming to HUD guidelines was performed at the aforementioned project.

Averages of 153 samples were taken at identified surfaces of the evaluated areas using an X-ray fluorescence (XRF) analyzer. The evaluation found that lead-based paint was present in selective components and surfaces through the project on the date of the assessment (See Table 1-1).

Some of the remaining XRF test locations exhibited lead-in-paint levels below the level that EPA identifies as lead-based paint, namely 1.0 mg/cm^2. Such surfaces could create dust-lead or soil-lead hazards if the paint is turned into dust by abrasion, scraping, or sanding. Should these or any lead-containing components or surfaces be disturbed in any manner that generates dust, care should be taken to limit its spread.

Testing was performed by Milagros Caraballo, state-certified lead inspector LBPI-20322-194, using the Niton XLp-300A XRF, SN-25492. The credentials are provided in Section 3, Appendix A: Certifications, Licenses, and Accreditations. The XRF analyzer is designed to measure the lead content of surface coatings on a variety of building surfaces, substrates, and components. The measurement is rapid and nondestructive and, according to the manufacturer, is capable of detecting lead concentrations that occur within numerous layers of various surface coatings.

Please refer to the XRF Testing Results Section 3, Appendix B: XRF Sampling Data for the detailed analytical testing results for each distinct area inspected. The reports provide complete testing data.

2.2 SAMPLING PROCEDURE

The Lead-Based Paint Sampling Procedure was designed to evaluate and document all the data obtained from the inspection in a sequential method that provided confidence at the moment of the presentation of the results.

The survey was performed following the methodology established in the HUD Guidelines for the Evaluation and Control of Lead-Based Paint in Housing (2012 revision) and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico Regulation 9098: Regulation for Proper Management of Lead-Based Paint Activities. The surfaces evaluation was performed as follows:

- If the lead concentration measured by the XRF Spectrum Analyzer is less than 1.0 mg/cm^2 it is considered negative.

- If the lead concentration measured by the XRF Spectrum Analyzer is equal to or greater than 1.0 mg/cm^2 it is considered positive.

To each functional space of the project, a name was assigned according to the use of that space. If no name could be assigned then a code letter or number was assigned.

Each wall surface was named with letters beginning with wall A the wall facing the main entrance direction. The wall at your left will be wall B, the wall in front wall C and the wall at your right will be wall D.

2.3 RESULTS PRESENTATION

This section describes the project components and surfaces coated with lead-based paint (LBP), which were observed in the inspection. Please note that the recommendations given are always the minimum action, which in our professional judgment should be taken.

According to the DRNA lead regulations, before the demolishing of a structure containing lead-based paint, the contaminated surfaces or substrates must be abated or removed. The firm providing the abatement services must be certified as an abatement firm by the DRNA.

2.3.1 SPECIFIC FINDINGS

The following LBP was found to contain more than 1.0 mg/cm^2 for what the Department of Natural and Environmental Resources (DRNA) of Puerto Rico identifies as lead-based paint or materials containing lead:

- Curb
- Lid

2.3.2 HOMOGENEOUS AREAS WITH SPECIAL CONSIDERATIONS

NONE

2.3.3 INACCESSIBLE AREAS PRESUMED TO BE LEAD-BASED PAINTED

NONE

2.4 LEAD REGULATORY LEVELS

The lead regulatory levels provided below are those used when preparing this lead-based paint evaluation or when evaluating data collected. The EPA regulatory levels are the same as the state regulatory levels provided in the following table.

TABLE 2-1: LEAD REGULATORY LEVELS	
	EPA/DRNA Levels
Lead-Based Paint	**1.0 mg/cm^2 or 0.5% by weight (or 5,000 ppm)**

2.5 CONDITIONS AND LIMITATIONS—DISCLAIMER

Zimmetry Environmental Management Corp. has performed this lead-based paint inspection thoroughly and professionally consistent with commonly accepted industry standards. The Preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this project on the date of the evaluation.

The results reported and conclusions reached by the Preparer are solely for the benefit of the Owner. The results and opinions in this report, based solely on the conditions found at the project on the date of the evaluation, are valid only on that date. The Preparer assumes no obligation to advise the client of any changes in any real or potential lead-based paint hazards at this project beyond the date of the evaluation.

The lead inspection was performed to ready accessible components and surfaces. If suspected components that could contain lead are encountered underneath currently installed tiles or other construction material, they shall be managed as containing lead until the appropriate test is performed. According to the DRNA on the "Regulation for the Proper Management of Lead-Based Paint Activities" Rule 139 (Section E, Part 17) all lead-based paint reports have a validity period of five (5) years.

2.6 ABATEMENT CONDITIONS

Abatement, as defined by HUD and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico, means any set of measures designed to eliminate lead-based paint and/or lead-based paint hazards permanently. The people providing these services must be trained under the DRNA licensing/certification requirements. The product manufacturer and/or contractor must warrant abatement methods to last a minimum of 20 years, or these methods must have a design life of at least 20 years.

- onsite or offsite removal of lead-based paint from substrates and components
- replacement of components or fixtures painted with lead-based paint
- permanent enclosure of lead-based paint with construction materials mechanically fastened to the substrate
- encapsulation of lead-based paint with specially designed encapsulant products
- removal or permanent covering (concrete or asphalt) of soil-lead-based paint hazards

If enclosure or encapsulation is conducted as an abatement method, the lead-based paint remains on the property, so ongoing lead-based paint maintenance is required.

2.7 RECOMMENDATIONS

According to the DRNA lead regulations, before the demolishing of a structure containing lead-based paint, the contaminated surfaces or substrates must be abated or removed. The waste generated has to be characterized to determine if the waste generated is hazardous or non-hazardous waste. The firm providing the abatement services must be certified as an abatement firm by the DRNA. Workers conducting abatement must be trained and certified as abatement workers by a training provider accredited by the DRNA.

2.8 ENVIRONMENTAL ASSESSMENT REPORT CERTIFICATION

Zimmetry Environmental Management Corp. has performed this lead-based paint inspection thoroughly and professionally consistent with commonly accepted industry standards. The inspection was conducted on August 4, 2023, by Milagros Caraballo, state-certified lead inspector LBPI-20322-194, qualified by experience, education, and training in the recognition of lead-based paint and approved sampling techniques using the Niton XLp-300A XRF, SN-25492.

Milagros Caraballo, MSEM
Environmental Lead Inspector

SECTION 3: APPENDICES

Appendix A: Certifications, Licenses, and Accreditations

Appendix B: XRF Sampling Data

Appendix C: XRF's Performance Characteristics Sheet

Appendix D: Photographic Record

Appendix E: Location of Positive Materials

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



GOBIERNO DE PUERTO RICO

Departamento de Recursos Naturales y Ambientales

Este certificado es otorgado a:

Zimmetry Environmental Management, Corp.

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

Número de Certificado

LBPF-04023-011

Fecha de emisión: Marzo 3, 2023

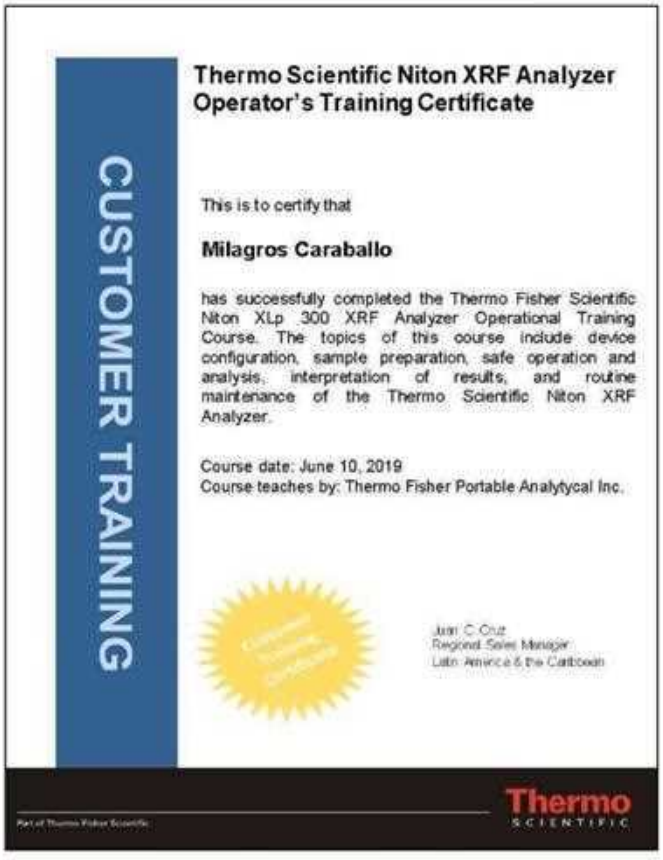
Fecha de Expiración: Marzo 2, 2024

DRNA

José Roque Julià
Jefe
División Desperdicios Tóxicos

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS





APPENDIX B: XRF SAMPLING DATA

PROJECT:	Comerio Waterfront Park Intervention on Georgetti St. from Km 0.01 to 0.03 & Km 31.7 to 31.8, Comerio, Puerto Rico, PR-CRP-000570 Project			CLIENT: ERB Arquitectos, PSC			
DATE:	8/4/2023			LBP Inspector: Milagros Caraballo			
Sample ID	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
1	Calibration				1.00		
2	Calibration				1.00		
3	Calibration				1.00		
4	PR-156, Km 31.7	Fire Hydrant	Yellow	Metal	0.00	Negative	
5	PR-156, Km 31.7	Base Hydrant	Yellow	Metal	0.00	Negative	
6	PR-156, Km 31.7	Curb	Yellow	Concrete	0.00	Negative	
7	PR-156, Km 31.7	Pavement Marking	White	Concrete	0.00	Negative	
8	PR-156, Km 31.7	Floor	Terracotta	Brick	0.02	Negative	
9	PR-156, Km 31.7	Ramp	Yellow	Concrete	0.00	Negative	
10	PR-156, Km 31.7	Pole	Green	Wood	0.00	Negative	
11	PR-156, Km 31.7	Curb	Yellow	Concrete	0.00	Negative	
12	PR-156, Km 31.7	Pavement Marking	White	Concrete	0.02	Negative	
13	PR-156, Km 31.7	Floor	Terracotta	Brick	0.01	Negative	
14	PR-156, Km 31.7	Floor	Terracotta	Concrete	0.00	Negative	
15	PR-156, Km 31.7	Floor	Gray	Brick	0.00	Negative	
16	PR-156, Km 31.7	Pole	Green	Wood	0.00	Negative	
17	PR-156, Km 31.7	Sewer Grdle	Yellow	Metal	0.00	Negative	
18	PR-156, Km 31.7	Floor	Terracotta	Brick	0.00	Negative	
19	PR-156, Km 31.7	Lid	Terracotta	Metal	0.00	Negative	
20	PR-156, Km 31.7	Curb	Yellow	Concrete	0.00	Negative	
21	PR-156, Km 31.7	Floor	Terracotta	Brick	0.00	Negative	
22	PR-156, Km 31.7	Curb	Yellow	Concrete	0.02	Negative	
23	Agapito Dávila Street	Curb	Yellow	Concrete	0.00	Negative	
24	Agapito Dávila Street	Curb	Yellow	Concrete	2.50	Positive	
25	Agapito Dávila Street	Curb	Yellow	Concrete	2.10	Positive	
26	Agapito Dávila Street	Curb	Terracotta	Concrete	0.00	Negative	
27	Agapito Dávila Street	Floor	Terracotta	Brick	0.00	Negative	
28	Agapito Dávila Street	Lid	Yellow	Metal	3.30	Positive	
29	Agapito Dávila Street	Lid	Terracotta	Metal	0.00	Negative	
30	Agapito Dávila Street	Curb	White	Concrete	0.00	Negative	
31	PR-156, Km 31.7	Curb	Yellow	Concrete	2.70	Positive	
32	PR-156, Km 31.7	Floor	Terracotta	Brick	0.00	Negative	
33	PR-156, Km 31.7	Pavement Marking	White	Concrete	0.00	Negative	
34	Progreso Street	Curb	Yellow	Concrete	2.80	Positive	
35	Progreso Street	Floor	Terracotta	Brick	0.00	Negative	
36	Progreso Street	Floor	Terracotta	Concrete	0.00	Negative	
37	Progreso Street	Curb	Yellow	Concrete	0.00	Negative	
38	Progreso Street	Floor	Terracotta	Brick	0.00	Negative	
39	Progreso Street	Ramp	Terracotta	Concrete	0.00	Negative	
40	PR-156, Km 31.7	Curb	Yellow	Concrete	0.00	Negative	
41	PR-156, Km 31.7	Curb	Yellow	Concrete	0.00	Negative	
42	PR-156, Km 31.7	Curb	Yellow	Concrete	0.00	Negative	
43	PR-156, Km 31.7	Pavement Marking	White	Concrete	0.00	Negative	
44	José Vega Street	Curb	Yellow	Concrete	0.00	Negative	
45	José Vega Street	Curb	Yellow	Concrete	0.01	Negative	
46	José Vega Street	Curb	Yellow	Concrete	0.00	Negative	
47	José Vega Street	Floor	Terracotta	Brick	0.01	Negative	
48	José Vega Street	Floor	Terracotta	Concrete	0.02	Negative	
49	José Vega Street	Fire Hydrant	Yellow	Metal	0.00	Negative	
50	José Vega Street	Base Hydrant	Terracotta	Metal	0.00	Negative	
51	José Vega Street	Curb	White	Concrete	0.00	Negative	
52	José Vega Street	Lid	Terracotta	Metal	0.00	Negative	
53	José Vega Street	Sewer Grille	Brown	Metal	0.00	Negative	
54	José Vega Street	Curb	Yellow	Concrete	0.27	Negative	
55	José Vega Street	Curb	Yellow	Concrete	0.00	Negative	
56	José Vega Street	Floor	Terracotta	Brick	0.00	Negative	
57	José Vega Street	Floor	White	Concrete	0.00	Negative	
58	José Vega Street	Curb	Yellow	Concrete	0.00	Negative	
59	José Vega Street	Ramp	Yellow	Concrete	0.00	Negative	
60	PR-156, Km 31.8	Curb	Yellow	Concrete	0.01	Negative	

PROJECT:	Comerio Waterfront Park Intervention on Georgetti St. from Km 0.01 to 0.03 & Km 31.7 to 31.8, Comerio, Puerto Rico, PR-CRP-000570 Project			CLIENT: ERB Arquitectos, PSC			
DATE:	8/4/2023			LBP Inspector: Milagros Caraballo			
Sample ID.	Functional Space	Location	Color	Substr.	XRF Reading	Pos/Neg	Comments
61	PR-156, Km 31.8	Curb	Yellow	Concrete	0.01	Negative	
62	PR-156, Km 31.8	Curb	Yellow	Concrete	0.00	Negative	
63	PR-156, Km 31.8	Curb	Yellow	Concrete	0.08	Negative	
64	PR-156, Km 31.8	Floor	Terracotta	Brick	0.00	Negative	
65	PR-156, Km 31.8	Ramp	Blue	Concrete	0.28	Negative	
66	PR-156, Km 31.8	Curb	Blue	Concrete	0.00	Negative	
67	PR-156, Km 31.8	Floor	Terracotta	Concrete	0.00	Negative	
68	PR-156, Km 31.8	Sewer Grille	Black	Metal	0.00	Negative	
69	Luis Muñoz Rivera Street	Curb	Yellow	Concrete	0.02	Negative	
70	Luis Muñoz Rivera Street	Curb	Yellow	Concrete	0.01	Negative	
71	Luis Muñoz Rivera Street	Floor	Terracotta	Brick	0.00	Negative	
72	Luis Muñoz Rivera Street	Curb	White	Concrete	-0.65	Negative	
73	Luis Muñoz Rivera Street	Pole	Green	Concrete	0.00	Negative	
74	Luis Muñoz Rivera Street	Pedestrian Crossing	White	Concrete	0.00	Negative	
75	Luis Muñoz Rivera Street	Pole Base	Green	Concrete	0.00	Negative	
76	Luis Muñoz Rivera Street	Ramp	Blue	Concrete	0.00	Negative	
77	Luis Muñoz Rivera Street	Curb	Yellow	Concrete	0.00	Negative	
78	Luis Muñoz Rivera Street	Curb	Blue	Concrete	0.00	Negative	
79	Luis Muñoz Rivera Street	Curb	White	Concrete	0.00	Negative	
80	Luis Muñoz Rivera Street	Floor	Terracotta	Concrete	0.00	Negative	
81	Luis Muñoz Rivera Street	Pavement Marking	Blue	Concrete	0.00	Negative	
82	PR- 156, Eduardo Georgetti Street	Curb	Yellow	Concrete	0.00	Negative	
83	PR- 156, Eduardo Georgetti Street	Curb	Yellow	Concrete	0.00	Negative	
84	PR- 156, Eduardo Georgetti Street	Floor	Terracotta	Brick	0.00	Negative	
85	PR- 156, Eduardo Georgetti Street	Lid	Terracotta	Metal	-0.03	Negative	
86	PR- 156, Eduardo Georgetti Street	Curb	Yellow	Concrete	0.00	Negative	
87	PR- 156, Eduardo Georgetti Street	Sewer Grille	Yellow	Metal	0.00	Negative	
88	PR- 156, Eduardo Georgetti Street	Curb	Yellow	Concrete	0.00	Negative	
89	PR- 156, Eduardo Georgetti Street	Lid	Terracotta	Metal	0.00	Negative	
90	PR- 156, Eduardo Georgetti Street	Curb	White	Concrete	0.00	Negative	
91	PR- 156, Eduardo Georgetti Street	Planter	Brown	Concrete	0.00	Negative	
92	PR- 156, Eduardo Georgetti Street	Planter	Green	Concrete	0.00	Negative	
93	PR- 156, Eduardo Georgetti Street	Pole	Green	Metal	0.00	Negative	
94	PR- 156, Eduardo Georgetti Street	Ramp	Yellow	Concrete	-0.14	Negative	
95	PR- 156, Eduardo Georgetti Street	Floor	Terracotta	Brick	0.00	Negative	
96	PR- 156, Eduardo Georgetti Street	Curb	Yellow	Concrete	0.00	Negative	
97	PR- 156, Eduardo Georgetti Street	Curb	White	Concrete	-0.04	Negative	
98	PR- 156, Eduardo Georgetti Street	Curb	Terracotta	Concrete	0.00	Negative	
99	PR- 156, Eduardo Georgetti Street	Curb	White	Concrete	0.00	Negative	
100	PR- 156, Eduardo Georgetti Street	Lid	Terracotta	Metal	0.02	Negative	
101	PR- 156, Eduardo Georgetti Street	Sewer Grille	Orange	Metal	0.00	Negative	
102	PR- 156, Eduardo Georgetti Street	Pole	Green	Metal	0.00	Negative	
103	PR- 156, Eduardo Georgetti Street	Planter	Terracotta	Concrete	0.00	Negative	
104	PR- 156, Eduardo Georgetti Street	Planter	Green	Concrete	0.00	Negative	
105	PR- 156, Eduardo Georgetti Street	Curb	White	Concrete	0.00	Negative	
106	PR- 156, Eduardo Georgetti Street	Floor	Terracotta	Brick	0.00	Negative	
107	PR- 156, Eduardo Georgetti Street	Lid	Terracotta	Concrete	0.00	Negative	
108	PR- 156, Eduardo Georgetti Street	Curb	Yellow	Concrete	-0.03	Negative	
109	PR- 156, Eduardo Georgetti Street	Pole	Blue	Concrete	0.00	Negative	
110	PR- 156, Eduardo Georgetti Street	Pole	Green	Concrete	0.00	Negative	
111	PR- 156, Eduardo Georgetti Street	Pole Base	Green	Concrete	0.00	Negative	
112	PR- 156, Eduardo Georgetti Street	Ramp	Blue	Concrete	0.00	Negative	
113	PR- 156, Eduardo Georgetti Street	Curb	Yellow	Concrete	0.01	Negative	
114	PR- 156, Eduardo Georgetti Street	Sewer Grille	Yellow	Metal	0.00	Negative	
115	PR- 156, Eduardo Georgetti Street	Pole	Green	Wood	0.00	Negative	
116	Ventana al Rio Parking Lot	Curb	Yellow	Concrete	0.02	Negative	
117	Ventana al Rio Parking Lot	Wheel Stop	Blue	Concrete	0.00	Negative	
118	Ventana al Rio Parking Lot	Wheel Stop	Yellow	Concrete	0.00	Negative	
119	Ventana al Rio Parking Lot	Parking Line	Blue	Concrete	0.00	Negative	
120	Ventana al Rio Parking Lot	Parking Line	Yellow	Concrete	0.01	Negative	

PROJECT:	Comerio Waterfront Park Intervention on Georgetti St. from Km 0.01 to 0.03 & Km 31.7 to 31.8, Comerio, Puerto Rico, PR-CRP-000570 Project			CLIENT: ERB Arquitectos, PSC			
DATE:	8/4/2023			LBP Inspector: Milagros Caraballo			
Sample ID.	Functional Space	Location	Color	Substr.	XRF Reading	Pos/Neg	Comments
121	Ventana al Rio Parking Lot	Parking Line	Blue	Concrete	0.01	Negative	
122	Ventana al Rio Parking Lot	Parking Line	Yellow	Concrete	0.01	Negative	
123	Ventana al Rio Parking Lot	Wheel Stop	Blue	Concrete	0.01	Negative	
124	Ventana al Rio Parking Lot	Wheel Stop	Yellow	Concrete	0.02	Negative	
125	Ventana al Rio Parking Lot	Curb	Green	Concrete	0.00	Negative	
126	Ventana al Rio Parking Lot	Pole	Black	Metal	0.00	Negative	
127	Ventana al Rio Parking Lot	Curb	Yellow	Concrete	0.00	Negative	
128	PR-774, Km 0 to Km 0.03	Ramp	Blue	Concrete	0.00	Negative	
129	PR-774, Km 0 to Km 0.03	Curb	Yellow	Concrete	0.00	Negative	
130	PR-774, Km 0 to Km 0.03	Bridge	Green	Concrete	0.01	Negative	
131	PR-774, Km 0 to Km 0.03	Curb	Yellow	Concrete	0.00	Negative	
132	PR-774, Km 0 to Km 0.03	Bridge	Green	Concrete	0.01	Negative	
133	PR-774, Km 0 to Km 0.03	Curb	Yellow	Concrete	0.00	Negative	
134	PR-774, Km 0 to Km 0.03	Pole	Green	Metal	0.00	Negative	
135	PR-156, Km 31.8	Curb	Yellow	Concrete	0.17	Negative	
136	PR-156, Km 31.8	Floor	White	Concrete	0.00	Negative	
137	PR-156, Km 31.8	Floor	Terracotta	Brick	0.00	Negative	
138	PR-156, Km 31.8	Pole	Green	Concrete	0.00	Negative	
139	PR-156, Km 31.8	Pole Base	Yellow	Concrete	0.00	Negative	
140	PR-156, Km 31.8	Pole Base	Green	Concrete	0.00	Negative	
141	PR-156, Km 31.8	Pole	Green	Wood	0.00	Negative	
142	PR-156, Km 31.8	Curb	Yellow	Concrete	0.00	Negative	
143	PR-156, Km 31.8	Lid	Terracotta	Metal	0.00	Negative	
144	PR-156, Km 31.8	Sewer Grille	Yellow	Metal	0.02	Negative	
145	PR-156, Km 31.8	Floor	Terracotta	Brick	0.00	Negative	
146	PR-156, Km 31.8	Ramp	Yellow	Concrete	0.00	Negative	
147	PR-156, Km 31.8	Curb	Yellow	Concrete	0.01	Negative	
148	PR-156, Km 31.8	Floor	Terracotta	Brick	0.02	Negative	
149	PR-156, Km 31.8	Pavement Marking	White	Concrete	0.01	Negative	
150	PR-156, Km 31.8	Curb	Yellow	Concrete	0.00	Negative	
151	Calibration				1.00		
152	Calibration				1.00		
153	Calibration				1.00		

APPENDIX C: XRF's PERFORMANCE CHARACTERISTICS SHEET

Performance Characteristic Sheet

EFFECTIVE DATE: **September 24, 2004** **EDITION NO.: 1**

MANUFACTURER AND MODEL:

Make: *Niton LLC*
Tested Model: *XLp 300*
Source: ^{109}Cd
Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.
XLp 300A, XLp 301A, XLp 302A and XLp 303A.
XLi 700A, XLi 701A, XLi 702A and XLi 703A.
XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

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

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

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

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

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

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

SUBSTRATE CORRECTION:

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

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

INCONCLUSIVE RANGE OR THRESHOLD:

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

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

OPERATING PARAMETERS:

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

SUBSTRATE CORRECTION VALUE COMPUTATION:

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

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

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

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

Compute the Retest Tolerance Limit by the following steps:

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

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

Square the average for each testing combination.

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

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

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

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

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

Compute the average of all ten original XRF results.

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

Find the absolute difference of the two averages.

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

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

TESTING TIMES:

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

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

CLASSIFICATION RESULTS:

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

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 1363	**Date:** 8/4/2023	
Description: **Agapito Dávila Street** Lead-based painted concrete curb. Lead-based painted metal lid.		

Photo No. 1364	**Date:** 8/4/2023	
Description: **PR-156, Km 31.7** Lead-based painted concrete curb.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead-based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 1366	**Date:** 8/4/2023	
Description: **PR-156, Km 31.7** Lead-based painted concrete curb.		

Photo No. 1365	**Date:** 8/4/2023	
Description: **Progreso Street** Lead-based painted concrete curb.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead-based paint and/or components containing lead.

APPENDIX E: LOCATION OF POSITIVE MATERIALS

C



B

D

FLOOR PLAN

NTS

A

Lead Legend:

1 Curb

2 Lid

Note:

The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated August, 2023

Zimmetry Environmental
Environmental Building Inspectors
Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Based Paint Consulting – Phone – Fax (787) 995-0005

Project: Camuy Waterfront Park Intervention on Georgetti St. from km 0.01 to 0.03 & km 31.7 to 31.8, Camuy PR. PR-CRP-000570 Project

Date: August, 2023

Project No: ZEM-23207

Lead Based Paint Inspection Report

Project:

Multiple Structures at Georgetti St.
Km. 0.01 to Km. 0.03 &
Km. 31.7 to Km. 31.8,
Comerío, PR

Client:
Municipality of Comerío

ZEM-23090
May 2023

Prepared By:

Zimmetry Environmental Management, Corp.
www.zimmetry.com
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SECTION 1: EXECUTIVE SUMMARY

1.1 INTRODUCTION

A Lead-Based Paint inspection was conducted on April 3, 2023 and April 14, 2023 at Multiple Structures at Georgetti St.Km. 0.01 to Km. 0.03 & Km. 31.7 to Km. 31.8 in Comerío, Puerto Rico. The lead-based paint inspection was performed to identify paint that contains lead above allowable levels and to assist with the compliance of local, state and federal regulations. Structures included in the inspection were the following:

- #60 Georgetti St., Comerío PR
- #75 Georgetti St., Comerío PR
- #77 Georgetti St., Comerío PR
- #79 Georgetti St., Comerío PR
- #87 Georgetti St., Comerío PR
- #91 Georgetti St., Comerío PR
- #93 Georgetti St., Comerío PR
- #95 Georgetti St., Comerío PR

1.2 SUMMARY OF PROPERTY EVALUATION

The project consisted of the evaluation of the interior and exterior areas of the aforementioned structures. The evaluation found that lead based paint was present in selective components and surfaces through the structures on the dates of the inspection. Table 1-1 identifies the components positive for lead. Table 2-1 identifies lead-based paint as defined by the U.S. Environmental Protection Agency (EPA) and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico. For specific locations and additional detail on the location of lead- reference Sections 2 and 3.

1.3 PROPERTY LOCATIONS OF BUILDING COMPONENTS WITH LEAD-BASED PAINT

Table 1-1 summarizes the site components and surfaces coated with lead-based paint. Details that identify positive lead-based paint findings within specific areas and on surfaces were provided in the lead-based paint inspection report. The "substrate" is the building component material directly beneath the painted surface. Photographic documentation is for reference purposes and doesn't necessarily include all the surfaces with lead-based paint and/or components containing lead. The quantification of positives materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.

If homogeneous materials that were not accounted for are identified in areas that are not describe in this report or inaccessible areas described in Section 2.3.3, they shall be managed as containing lead. If suspected components that could contain lead are encountered underneath current installed tiles or other construction material, they shall be managed as containing lead until the appropriate test is performed. Refer to Appendix E: Location of Positive Materials for specific location.

Table 1-1: Summary of Components Containing Lead

Structure	Area	Component	Color	Substrate	Approximate Amount
60	1-1	Wall B, C & D	White	Concrete	980 Ft^2
	1-2	Wall B	White	Concrete	
	1-4 & 1-5	Wall Tiles	Green	Ceramic	170 Ft^2
	Exterior	Wall A, Fascia, Soffit & Balcony Walls	Brown/White/Red/ Cream	Concrete	1,486 Ft^2
75	Exterior	Wall A	Yellow	Concrete	574 Ft^2
		Molding	Blue	Concrete	
		Transom	White	Wood	
77	2-3	Wall Tiles & Listel	Black	Ceramic	115 Ft^2
	2-4	Wall Tiles	Cream	Ceramic	
		Listel	Black	Ceramic	
79	Stairs, 2-1, 2-3, 2-4, 2-5, 2-6 & 2-7	Floor Tiles & Baseboard	Gray	Ceramic	1,150 Ft^2
87	Exterior	Balcony Wall C	Yellow	Concrete	264 Ft^2
		Wall A	Blue/Yellow	Concrete	594 Ft^2
		Crown Molding	Brown	Concrete	
		Overhang	Blue/Cream	Concrete	
91	Stairs	Wall D	Cream	Concrete	759 Ft^2
	2-1	Wall C	Blue	Concrete	137 Ft^2
		Ceiling	Cream	Concrete	
	2-2 & 2-9	Doors	Brown	Wood	4 Units
	2-5	Wall A & B	Gray	Concrete	158 Ft^2
	2-6	All Walls	White	Concrete	85 Ft^2
	Exterior	Wall A	Brown/Blue	Concrete	529 Ft^2
		Ceiling	Orange	Concrete	

Table 1-1: Summary of Components Containing Lead

Structure	Area	Component	Color	Substrate	Approximate Amount
93	1-1, 1-2, 1-3, 1-4, 1-8, 2-1, 2-2, 2-3, 2-4, 2-5, 2-6 & 2-7	Floor Tiles	Pink	Ceramic	1,608 Ft^2
	1-5, 1-7, 2-3 & 2-5	Wall Tiles	White	Ceramic	414 Ft^2
	1-9	Ceramic Debris	Pink	Ceramic	Undetermined
95	1-1	Columns	White/Cream	Concrete	700 Ft^2
		Beams	Brown	Concrete	
		Wall A, B & C	Cream	Concrete	
	1-2	Wall A, C & D	Cream	Concrete	373 Ft^2

Note:
1. The quantification of positives materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.

SECTION 2: LEAD-BASED PAINT INSPECTION REPORT

2.1 OVERVIEW OF THE EVALUATION

This lead-based paint inspection is an investigation to identify all lead-based paint on a surface-by-surface basis. A lead-based paint inspection conforming to HUD guidelines was performed at the aforementioned structures.

Averages of 766 samples were taken at identified surfaces of the evaluated areas using X-ray fluorescence (XRF) analyzer. The evaluation found that lead-based paint was present in selective components and surfaces through the structures on the date of the assessment (See Table 1-1).

Some of the remaining XRF test locations exhibited lead-in-paint levels below the level that EPA identifies as lead-based paint, namely 1.0 mg/cm^2. Such surfaces could create dust-lead or soil-lead hazards if the paint is turned into dust by abrasion, scraping, or sanding. Should these or any lead containing components or surfaces be disturbed in any manner that generates dust, care should be taken to limit its spread.

Testing was performed by Dilia Rosado, state-certified risk assessor LBPRA-20322-195, using the Niton XLp-300A XRF, SN-101222. The credentials are provided in Section 3, Appendix A: Certifications, Licenses, and Accreditations. The XRF analyzer is designed to measure the lead content of surface coatings on a variety of building surfaces, substrates, and components. The measurement is rapid and nondestructive and, according to the manufacturer, is capable of detecting lead concentrations that occur within numerous layers of various surface coatings.

Please refer to the XRF Testing Results Section 3, Appendix B: XRF Sampling Data for the detailed analytical testing results for each distinct area inspected. The reports provide a complete testing data.

2.2 SAMPLING PROCEDURE

The Lead Based Paint Sampling Procedure was design to evaluate and document all the data obtained form the inspection in a sequential method that provided confidence at the moment of the results presentation.

The survey was performed following the methodology established in the HUD Guidelines for the Evaluation and Control of Lead Based Paint in Housing (2012 revision) and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico Regulation 9098: Regulation for Proper Management of Lead-Based Paint Activities. The surfaces evaluation was performed as follows:

- If the lead concentration measured by the XRF Spectrum Analyzer is less than 1.0 mg/cm^2 it is considered negative.

- If the lead concentration measured by the XRF Spectrum Analyzer is equal or greater than 1.0 mg/cm^2 it is considered positive.

To each functional space of the structures a name was assigned according to the use of that space. If no name could be assigned then a code letter or number was assigned.

Each wall surface was named with letters beginning with wall A the wall facing the main entrance direction. The wall at your left will be wall B, the wall at front wall C and the wall at you right will be wall D.

2.3 RESULTS PRESENTATION

This section describes the structures components and surfaces coated with lead-based paint (LBP), which were observed in the inspection. Please note that the recommendations given are always the minimum action, which in our professional judgment should be taken.

According to the DRNA lead regulations, prior to the demolishing of a structure containing lead-based paint, the contaminated surfaces or substrates must be abated or removed. The firm providing the abatement services must be certified as an abatement firm by the DRNA.

2.3.1 SPECIFIC FINDINGS

The following LBP were found to contain more than 1.0 mg/cm^2 for what Department of Natural and Environmental Resources (DRNA) of Puerto Rico identifies as lead-based paint or materials containing lead:

- Baseboard
- Beams
- Ceiling
- Ceramic Debris
- Columns
- Crown Molding
- Doors
- Fascia
- Floor Tiles
- Listel
- Molding
- Overhang
- Soffit
- Transom
- Wall Surfaces
- Wall Tiles

2.3.2 HOMOGENEOUS AREAS WITH SPECIAL CONSIDERATIONS

NONE

2.3.3 INACCESSIBLE AREAS PRESUMED TO BE LEAD-BASED PAINTED

NONE

2.4 LEAD REGULATORY LEVELS

The lead regulatory levels provided below are those used when preparing this lead-based paint evaluation or when evaluating data collected. The EPA regulatory levels are the same as the state regulatory levels provided in the following table.

TABLE 2-1: LEAD REGULATORY LEVELS	
	EPA/DRNA Levels
Lead-Based Paint	**1.0 mg/cm^2 or 0.5% by weight (or 5,000 ppm)**

2.5 CONDITIONS AND LIMITATIONS—DISCLAIMER

Zimmetry Environmental Management Corp. has performed this lead-based paint inspection in a thorough and professional manner consistent with commonly accepted industry standards. The Preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this structures on the date of the evaluation.

The results reported and conclusions reached by the Preparer are solely for the benefit of the Owner. The results and opinions in this report, based solely on the conditions found at the structures on the date of the evaluation, are valid only on that date. The Preparer assumes no obligation to advise the client of any changes in any real or potential lead-based paint hazards at these structures beyond the date of the evaluation.

The lead inspection was performed to ready accessible components and surfaces. If suspected components that could contain lead are encountered underneath current installed tiles or other construction material, they shall be managed as containing lead until the appropriate test is performed. According to the DRNA on the "Regulation for the Proper Management of Lead-Based Paint Activities" Rule 139 (Section E, Part 17) all lead-based paint reports have a validity period of five (5) years.

2.6 ABATEMENT CONDITIONS

Abatement, as defined by HUD and the Department of Natural and Environmental Resources (DRNA) of Puerto Rico, means any set of measures designed to eliminate lead-based paint and/or lead-based paint hazards permanently. The people providing these services must to be trained in accordance with the DRNA licensing/certification requirements. The product manufacturer and/or contractor must warrant abatement methods to last a minimum of 20 years, or these methods must have a design life of at least 20 years.

- onsite or offsite removal of lead-based paint from substrates and components
- replacement of components or fixtures painted with lead-based paint

- permanent enclosure of lead-based paint with construction materials mechanically-fastened to the substrate
- encapsulation of lead-based paint with specially designed encapsulant products
- removal or permanent covering (concrete or asphalt) of soil-lead-based paint hazards

If enclosure or encapsulation is conducted as an abatement method, the lead-based paint remains on the property, so ongoing lead-based paint maintenance is required.

2.7 RECOMMENDATIONS

According to the DRNA lead regulations, prior to the demolishing of a structure containing lead-based paint, the contaminated surfaces or substrates must be abated or removed. The waste generated has to be characterized to determine if the waste generated is hazardous or non-hazardous waste. The firm providing the abatement services must be certified as an abatement firm by the DRNA. Workers conducting abatement must be trained and certified as abatement workers by a training provider accredited by the DRNA.

2.8 ENVIRONMENTAL ASSESSMENT REPORT CERTIFICATION

Zimmetry Environmental Management Corp. has performed this lead-based paint inspection in a thorough and professional manner consistent with commonly accepted industry standards. The inspection was conducted on April 3, 2023 and April 14, 2023 by Dilia Rosado, state-certified risk assessor LBPRA-20322-195, qualified by experience, education and training in the recognition of lead-based paint and approved sampling techniques using the Niton XLp-300A XRF, SN-101222.



Dilia Rosado, MEM
Environmental Risk Assessor

SECTION 3: APPENDICES

Appendix A: Certifications, Licenses, and Accreditations

Appendix B: XRF Sampling Data

Appendix C: XRF's Performance Characteristics Sheet

Appendix D: Photographic Record

Appendix E: Location of Positive Materials

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



GOBIERNO DE PUERTO RICO

Departamento de Recursos Naturales y Ambientales

Este certificado es otorgado a:

Zimmetry Environmental Management, Corp.

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

Número de Certificado

LBPF-04023-011

Fecha de emisión: Marzo 3, 2023

Fecha de Expiración: Marzo 2, 2024

DRNA

José Roque Julià
Jefe
División Desperdicios Tóxicos

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



CERTIFICACIÓN PLOMO PUERTO RICO

Esta tarjeta autoriza a:

Dilia I. Rosado Zabala

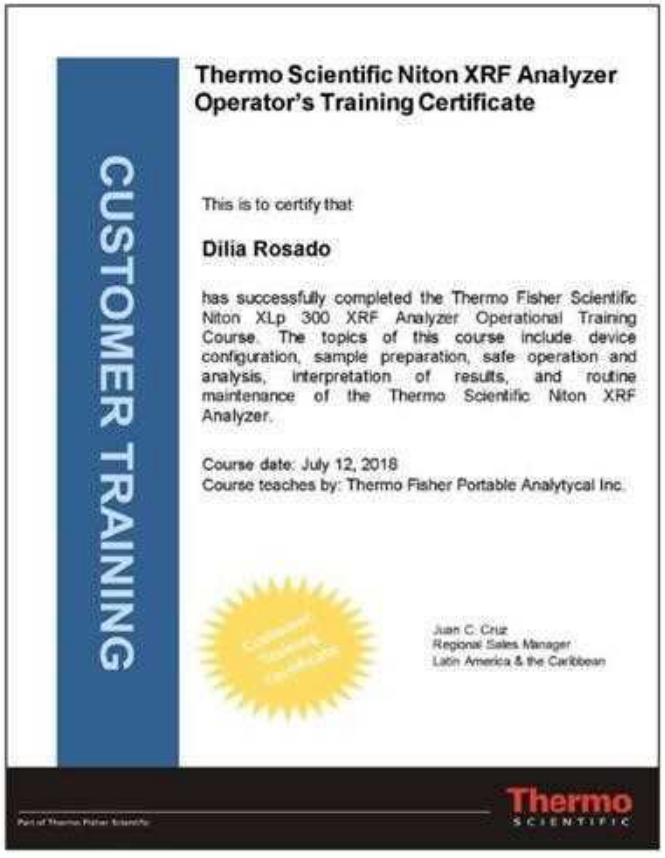
Para realizar actividades relacionadas a Mitigación de Pintura con Base de Plomo

Disciplina: **Evaluador de Riesgos**

Fecha de Expiración: Agosto 11, 2023

Certificación #:
LBPRA-20322-195

Firma Autorizada
Departamento de Recursos Naturales y Ambientales



CUSTOMER TRAINING

Thermo Scientific Niton XRF Analyzer Operator's Training Certificate

This is to certify that

Dilia Rosado

has successfully completed the Thermo Fisher Scientific Niton XLp 300 XRF Analyzer Operational Training Course. The topics of this course include device configuration, sample preparation, safe operation and analysis, interpretation of results, and routine maintenance of the Thermo Scientific Niton XRF Analyzer.

Course date: July 12, 2018
Course teaches by: Thermo Fisher Portable Analytycal Inc.

Juan C. Cruz
Regional Sales Manager
Latin America & the Caribbean

Part of Thermo Fisher Scientific

Thermo SCIENTIFIC

APPENDIX B: XRF SAMPLING DATA

PROJECT:	Calle Georgetti #75, Comerío P.R			CLIENT: Municipality of Comerío			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
1	Calibration				1.00		
2	Calibration				1.00		
3	Calibration				1.00		
4	Exterior Area	Wall A	Yellow	Concrete	2.60	Positive	
5	Exterior Area	Molding	Blue	Concrete	1.20	Positive	
6	Exterior Area	Transom	White	Wood	1.10	Positive	
7	Interior	Wall A	White	Concrete	0.60	Negative	
8	Interior	Wall B	White	Concrete	0.20	Negative	
9	Interior	Wall C	Pink	Concrete	0.50	Negative	
10	Interior	Wall D	White	Concrete	0.01	Negative	

PROJECT:	Calle Georgetti #77, Comerio P.R.			CLIENT: Municipality of Comerio			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
11	Area 1-1	Door	Brown	Wood	0.00	Negative	
12	Area 1-1	Door Casing	Brown	Wood	0.01	Negative	
13	Area 1-1	Window Casing	Gray	Metal	0.00	Negative	
14	Area 1-1	Wall B	Blue	Concrete	0.00	Negative	
15	Area 1-1	Wall B	White	Concrete	0.02	Negative	
16	Area 1-1	Wall C	White	Concrete	0.00	Negative	
17	Area 1-1	Wall D	Blue	Concrete	0.00	Negative	
18	Area 1-1	Column	Blue	Concrete	0.02	Negative	
19	Area 1-1	Ceiling	White	Concrete	0.00	Negative	
20	Area 1-1	Beam	White	Concrete	0.00	Negative	
21	Area 1-1	Pipe	Blue	Metal	0.01	Negative	
22	Area 1-2	Wall A	White	Concrete	0.00	Negative	
23	Area 1-2	Wall B	White	Concrete	0.00	Negative	
24	Area 1-2	Wall C	White	Concrete	0.00	Negative	
25	Area 1-2	Wall D	White	Concrete	0.00	Negative	
26	Area 1-2	Toilet	White	Concrete	0.00	Negative	
27	Exterior	Wall Tile	Brown	Ceramic	0.00	Negative	
28	Exterior	Wall Tile	White	Ceramic	0.03	Negative	
29	Exterior	Ceiling	White	Concrete	0.00	Negative	
30	Exterior	Overhang	White	Concrete	0.00	Negative	
31	Exterior	Wall A	White	Concrete	0.03	Negative	
32	Exterior	Gate	White	Metal	0.00	Negative	
33	Exterior	Wall D	White	Concrete	0.00	Negative	
34	Exterior	Wall A	White	Concrete	0.00	Negative	
35	Exterior	Wall B	White	Concrete	0.00	Negative	
36	Exterior	Wall C	White	Concrete	0.00	Negative	
37	Exterior	Wall D	White	Concrete	0.00	Negative	
38	Exterior	Column	White	Concrete	0.01	Negative	
39	Exterior	Soffit	White	Concrete	0.00	Negative	
40	Exterior	Fascia	White	Concrete	0.00	Negative	
41	Area 3-1	Wall A	White	Concrete	0.01	Negative	
42	Area 3-1	Wall B	White	Concrete	0.01	Negative	
43	Area 3-1	Wall C	White	Concrete	0.00	Negative	
44	Area 3-1	Wall D	White	Concrete	0.00	Negative	
45	Area 3-1	Ceiling	White	Concrete	0.00	Negative	
46	Area 3-1	Window Shutter	White	Metal	0.00	Negative	
47	Area 3-1	Door	White	Metal	0.02	Negative	
48	Area 3-1	Door Casing	White	Metal	0.00	Negative	
49	Stairs 3rd & 2nd Floor	Wall B	White	Concrete	0.00	Negative	
50	Stairs 3rd & 2nd Floor	Wall C	White	Concrete	0.00	Negative	
51	Stairs 3rd & 2nd Floor	Wall D	White	Concrete	0.03	Negative	
52	Stairs 3rd & 2nd Floor	Ceiling	White	Concrete	0.00	Negative	
53	Stairs 3rd & 2nd Floor	Hand Rail	White	Metal	0.00	Negative	
54	Stairs 3rd & 2nd Floor	Ornamental Block	Cream	Concrete	0.00	Negative	
55	Area 2-1	Wall A	Cream	Concrete	0.03	Negative	
56	Area 2-1	Wall B	Cream	Concrete	0.00	Negative	
57	Area 2-1	Wall C	Cream	Concrete	0.00	Negative	
58	Area 2-1	Wall D	Cream	Concrete	0.00	Negative	
59	Area 2-1	Window Shutter	White	Metal	0.00	Negative	
60	Area 2-1	Ceiling	White	Concrete	0.00	Negative	
61	Area 2-2	Wall A	White	Concrete	0.01	Negative	
62	Area 2-2	Wall B	White	Concrete	0.00	Negative	
63	Area 2-2	Wall C	White	Concrete	0.00	Negative	
64	Area 2-2	Wall D	White	Concrete	0.01	Negative	
65	Area 2-2	Ceiling	White	Concrete	0.01	Negative	
66	Area 2-2	Window Shutter	White	Metal	0.00	Negative	
67	Area 2-3	Wall Tile	White	Ceramic	0.00	Negative	
68	Area 2-3	Listel	Black	Ceramic	2.50	Positive	
69	Area 2-3	Wall A	Yellow	Concrete	0.00	Negative	
70	Area 2-3	Wall B	Yellow	Concrete	0.00	Negative	

PROJECT:	Calle Georgetti #77, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
71	Area 2-3	Wall C	Yellow	Concrete	0.00	Negative	
72	Area 2-3	Wall D	Yellow	Concrete	0.02	Negative	
73	Area 2-3	Window Casing	Gray	Metal	0.02	Negative	
74	Area 2-3	Ceiling	Yellow	Concrete	0.03	Negative	
75	Area 2-3	Wall Tile	Black	Ceramic	1.50	Positive	
76	Area 2-4	Wall A	White	Concrete	0.00	Negative	
77	Area 2-4	Wall B	White	Concrete	0.00	Negative	
78	Area 2-4	Wall C	White	Concrete	0.00	Negative	
79	Area 2-4	Wall D	White	Concrete	0.00	Negative	
80	Area 2-4	Wall Tile	Cream	Ceramic	9.20	Positive	
81	Area 2-4	Listel	Black	Ceramic	1.20	Positive	
82	Area 2-4	Toilet	White	Ceramic	0.00	Negative	
83	Area 2-4	Ceiling	White	Concrete	0.00	Negative	
84	Area 2-5	Wall A	White	Concrete	0.00	Negative	
85	Area 2-5	Wall B	White	Concrete	0.00	Negative	
86	Area 2-5	Wall C	White	Concrete	0.01	Negative	
87	Area 2-5	Wall D	White	Concrete	0.02	Negative	
88	Area 2-5	Ceiling	White	Concrete	0.02	Negative	
89	Area 2-5	Window Shutter	White	Metal	0.00	Negative	
90	Area 2-6	Wall A	White	Concrete	0.00	Negative	
91	Area 2-6	Wall B	White	Concrete	0.00	Negative	
92	Area 2-6	Wall C	White	Concrete	0.01	Negative	
93	Area 2-6	Wall D	White	Concrete	0.00	Negative	
94	Area 2-6	Ceiling	White	Concrete	0.00	Negative	
95	Area 2-6	Window Casing	Gray	Metal	0.00	Negative	
96	Area 2-7	Wall A	White	Concrete	0.00	Negative	
97	Area 2-7	Wall B	White	Concrete	0.01	Negative	
98	Area 2-7	Wall C	White	Concrete	0.00	Negative	
99	Area 2-7	Wall D	White	Concrete	0.00	Negative	
100	Area 2-7	Ceiling	White	Concrete	0.01	Negative	
101	Area 2-7	Hand Rail	White	Metal	0.00	Negative	
102	Area 2-7	Railing Cap	Brown	Wood	0.00	Negative	
103	Area 2-7	Window Shutter	White	Metal	0.00	Negative	
104	Area 2-7	Sliding Door	Gray	Metal	0.00	Negative	
105	Area 2-8	Wall C	White	Concrete	0.00	Negative	
106	Area 2-8	Overhang	White	Concrete	0.01	Negative	
107	Area 2-8	Grille	White	Metal	0.00	Negative	
108	Area 2-8	Lower Wall A	White	Concrete	0.00	Negative	
109	Area 2-8	Lower Wall B	White	Concrete	0.00	Negative	
110	Area 2-8	Lower Wall D	White	Concrete	0.02	Negative	

PROJECT:	Calle Georgetti #87, Comerío P.R			CLIENT: Municipality of Comerío			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
111	Area 2-1	Wall A	Yellow	Concrete	0.03	Negative	
112	Area 2-1	Wall B	Yellow	Concrete	0.00	Negative	
113	Area 2-1	Wall C	Yellow	Concrete	0.00	Negative	
114	Area 2-1	Wall D	Yellow	Concrete	0.02	Negative	
115	Area 2-2	Wall A	Green	Concrete	0.00	Negative	
116	Area 2-2	Wall B	Green	Concrete	0.00	Negative	
117	Area 2-2	Wall C	Green	Concrete	0.01	Negative	
118	Area 2-2	Wall D	Green	Concrete	0.00	Negative	
119	Area 2-2	Window Shutter	White	Metal	0.01	Negative	
120	Area 2-3	Wall A	Green	Concrete	0.01	Negative	
121	Area 2-3	Wall B	Green	Concrete	0.00	Negative	
122	Area 2-3	Wall C	Green	Concrete	0.00	Negative	
123	Area 2-3	Wall D	Green	Concrete	0.00	Negative	
124	Area 1-1	Door	Cream	Wood	0.02	Negative	
125	Area 1-1	Door Casing	Cream	Wood	0.00	Negative	
126	Area 1-1	Wall A	Pink	Concrete	0.40	Negative	
127	Area 1-1	Wall B	Pink	Concrete	0.20	Negative	
128	Area 1-1	Wall C	Pink	Concrete	0.00	Negative	
129	Area 1-1	Wall D	Pink	Concrete	0.30	Negative	
130	Area 1-1	Window Shutter	White	Metal	0.00	Negative	
131	Area 1-1	Floor	Red	Concrete	0.00	Negative	
132	Exterior Area	Wall C	Orange	Concrete	0.40	Negative	
133	Exterior Area	Beam	Orange	Concrete	0.00	Negative	
134	Exterior Area	Ceiling	Orange	Concrete	0.00	Negative	
135	Exterior Area	Pipe	Brown	Metal	0.00	Negative	
136	Exterior Area	Toilet	Blue	Ceramic	0.02	Negative	
137	Exterior Area	Beam	Purpuple	Concrete	0.02	Negative	
138	Area 2-4	Ceiling	Yellow	Concrete	0.03	Negative	
139	Area 2-4	Wall A	Cream	Concrete	0.14	Negative	
140	Area 2-4	Wall B	Cream	Concrete	0.14	Negative	
141	Area 2-4	Wall D	Cream	Concrete	0.14	Negative	
142	Area 2-4	Balluster	Cream	Concrete	0.30	Negative	
143	Area 2-4	Wall C	Yellow	Concrete	2.70	Positive	
144	Exterior Area	Wall A	Blue	Concrete	2.50	Positive	
145	Exterior Area	Wall A	Yellow	Concrete	1.50	Positive	
146	Exterior Area	Gate	White	Metal	0.00	Negative	
147	Exterior Area	Crown Molding	Brown	Concrete	1.00	Positive	
148	Exterior Area	Overhang	Blue	Concrete	1.80	Positive	
149	Exterior Area	Overhang	Cream	Concrete	1.50	Positive	
150	Exterior Area	Door Casing	Yellow	Concrete	0.40	Negative	

PROJECT:	Calle Georgetti #91, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
151	Area 1-1	Door	Orange	Metal	0.00	Negative	
152	Area 1-1	Door Casing	Orange	Metal	0.00	Negative	
153	Area 1-1	Door	Gray	Metal	0.03	Negative	
154	Area 1-1	Door Casing	Gray	Metal	0.02	Negative	
155	Area 1-1	Column	Orange	Concrete	0.00	Negative	
156	Area 1-1	Wall A	Orange	Concrete	0.00	Negative	
157	Area 1-1	Wall B	Orange	Concrete	0.00	Negative	
158	Area 1-1	Beam	White	Concrete	0.03	Negative	
159	Area 1-1	Ceiling	White	Concrete	0.00	Negative	
160	Area 1-1	Floor	Gray	Concrete	0.00	Negative	
161	Area 1-1	Door	Gray	Metal	0.00	Negative	
162	Area 1-1	Door Casing	Gray	Metal	0.00	Negative	
163	Area 1-1	Wall Tile	Cream	Ceramic	0.13	Negative	
164	Area 1-1	Window	Brown	Wood	0.20	Negative	
165	Area 1-2	Wall A	Orange	Concrete	0.20	Negative	
166	Area 1-2	Gate	Orange	Metal	0.00	Negative	
167	Area 1-2	Wall B	Cream	Concrete	0.30	Negative	
168	Area 1-2	Wall C	Cream	Concrete	0.30	Negative	
169	Area 1-2	Column	Orange	Concrete	0.00	Negative	
170	Area 1-2	Window Shutter	White	Metal	0.00	Negative	
171	Area 1-2	Gate	Orange	Metal	0.00	Negative	
172	Area 1-3	Door	Cream	Wood	0.00	Negative	
173	Area 1-3	Door Casing	Cream	Wood	0.01	Negative	
174	Area 1-3	Wall A	Yellow	Concrete	0.01	Negative	
175	Area 1-3	Wall B	Yellow	Concrete	0.00	Negative	
176	Area 1-3	Wall C	Yellow	Concrete	0.00	Negative	
177	Area 1-3	Wall D	Yellow	Concrete	0.00	Negative	
178	Area 1-3	Window Shutter	White	Metal	0.02	Negative	
179	Area 1-3	Floor	Gray	Concrete	0.00	Negative	
180	Area 1-3	Toilet	White	Ceramic	0.00	Negative	
181	Area 1-3	Lavatory	Yellow	Ceramic	0.00	Negative	
182	Area 1-3	Pipe	Black	Metal	0.70	Negative	
183	Area 1-3	Wall A	Green	Concrete	0.00	Negative	
184	Area 1-3	Wall B	Green	Concrete	0.00	Negative	
185	Area 1-3	Wall C	Green	Concrete	0.02	Negative	
186	Area 1-3	Wall D	Green	Concrete	0.02	Negative	
187	Area 1-3	Ceiling	Green	Concrete	0.00	Negative	
188	Stairs	Floor	Red	Ceramic	0.00	Negative	
189	Stairs	Floor Tile	Red	Ceramic	0.00	Negative	
190	Stairs	Wall A	Cream	Concrete	0.01	Negative	
191	Stairs	Wall B	Cream	Concrete	0.90	Negative	
192	Stairs	Wall D	Cream	Concrete	1.10	Positive	
193	Stairs	Wall B	Blue	Concrete	0.00	Negative	
194	Stairs	Wall C	Blue	Concrete	0.00	Negative	
195	Stairs	Gate	Brown	Metal	0.00	Negative	
196	Stairs	Handrail	Brown	Metal	0.00	Negative	
197	Stairs	Alfagia	Cream	Wood	0.01	Negative	
198	Stairs	Gate	White	Metal	0.00	Negative	
199	Area 2-1	Lower Wall A	Gray	Concrete	0.00	Negative	
200	Area 2-1	Lower Wall B	Gray	Concrete	0.00	Negative	
201	Area 2-1	Lower Wall D	Gray	Concrete	0.02	Negative	
202	Area 2-1	Grille	Black	Metal	0.00	Negative	
203	Area 2-1	Wall C	Blue	Concrete	1.60	Positive	
204	Area 2-1	Baseboard	Blue	Wood	0.00	Negative	

PROJECT:	Calle Georgetti #91, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
205	Area 2-1	Ceiling	Cream	Concrete	1.20	Positive	
206	Area 2-2	Wall A	White	Concrete	0.40	Negative	
207	Area 2-2	Wall C	White	Concrete	0.40	Negative	
208	Area 2-2	Wall D	White	Concrete	0.40	Negative	
209	Area 2-2	Wall B	Blue	Concrete	0.00	Negative	
210	Area 2-2	Ceiling	White	Concrete	0.02	Negative	
211	Area 2-2	Column	White	Concrete	0.00	Negative	
212	Area 2-2	Beam	White	Concrete	0.00	Negative	
213	Area 2-2	Window Shutter	White	Metal	0.00	Negative	
214	Area 2-2	Door	Brown	Wood	1.50	Positive	
215	Area 2-2	Door Casing	Brown	Wood	0.70	Negative	
216	Area 2-2	Door	Brown	Wood	1.50	Positive	
217	Area 2-2	Door Casing	Brown	Wood	0.70	Negative	
218	Area 2-3	Wall B	White	Concrete	0.00	Negative	
219	Area 2-3	Wall C	White	Concrete	0.00	Negative	
220	Area 2-3	Wall D	White	Concrete	0.00	Negative	
221	Area 2-3	Ceiling	White	Concrete	0.03	Negative	
222	Area 2-3	Baseboard	White	Wood	0.00	Negative	
223	Area 2-3	Gate	Gray	Metal	0.00	Negative	
224	Area 2-3	Door	Gray	Wood	0.00	Negative	
225	Area 2-3	Door Casing	Gray	Wood	0.00	Negative	
226	Area 2-4	Wall A	White	Concrete	0.00	Negative	
227	Area 2-4	Wall B	White	Concrete	0.00	Negative	
228	Area 2-4	Wall C	White	Concrete	0.50	Negative	
229	Area 2-4	Wall D	White	Concrete	0.00	Negative	
230	Area 2-4	Ceiling	White	Concrete	0.00	Negative	
231	Area 2-4	Wall Tile	White	Ceramic	0.00	Negative	
232	Area 2-4	Floor Tile	Blue	Ceramic	0.01	Negative	
233	Area 2-4	Window Shutter	White	Metal	0.00	Negative	
234	Area 2-6	Wall Tile	Pink	Ceramic	0.00	Negative	
235	Area 2-6	Wall A	White	Concrete	1.20	Positive	
236	Area 2-6	Wall B	White	Concrete	1.40	Positive	
237	Area 2-6	Wall C	White	Concrete	1.10	Positive	
238	Area 2-6	Wall D	White	Concrete	1.00	Positive	
239	Area 2-6	Floor Tile	Blue	Ceramic	0.00	Negative	
240	Area 2-6	Window Shutter	White	Metal	0.00	Negative	
241	Area 2-6	Toilet	White	Ceramic	0.00	Negative	
242	Area 2-6	Lavatory	White	Ceramic	0.00	Negative	
243	Area 2-6	Door	Gray	Wood	0.00	Negative	
244	Area 2-6	Door Casing	Gray	Wood	0.01	Negative	
245	Area 2-6	Ceiling	White	Concrete	0.00	Negative	
246	Area 2-5	Wall A	Gray	Concrete	1.60	Positive	
247	Area 2-5	Wall B	Gray	Concrete	1.20	Positive	
248	Area 2-5	Lower Wall C	Gray	Concrete	0.00	Negative	
249	Area 2-5	Lower Wall D	Gray	Concrete	0.00	Negative	
250	Area 2-5	Column	Gray	Concrete	0.00	Negative	
251	Area 2-5	Ceiling	Gray	Concrete	0.00	Negative	
252	Exterior Area	Wall C	Cream	Concrete	0.00	Negative	
253	Exterior Area	Wall D	Cream	Concrete	0.02	Negative	
254	Exterior Area	Wall A	Brown	Concrete	1.20	Positive	
255	Exterior Area	Wall A	Blue	Concrete	1.40	Positive	
256	Exterior Area	Trim	Yellow	Concrete	0.00	Negative	
257	Exterior Area	Ceiling	Orange	Concrete	1.20	Positive	
258	Exterior Area	Gate	Brown	Metal	0.00	Negative	
259	Exterior Area	Wall D	Cream	Concrete	0.00	Negative	

PROJECT:	Calle Georgetti #91, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
260	Area 2-7	Door Casing	Brown	Wood	0.50	Negative	
261	Area 2-7	Door Transom	Cream	Wood	0.00	Negative	
262	Area 2-7	Window Shutter	White	Metal	0.00	Negative	
263	Area 2-7	Wall A	White	Concrete	0.00	Negative	
264	Area 2-7	Wall B	White	Concrete	0.00	Negative	
265	Area 2-7	Wall C	White	Concrete	0.02	Negative	
266	Area 2-7	Wall D	White	Concrete	0.00	Negative	
267	Area 2-7	Ceiling	White	Concrete	0.00	Negative	
268	Area 2-8	Door Casing	Brown	Wood	0.00	Negative	
269	Area 2-8	Wall A	White	Concrete	0.02	Negative	
270	Area 2-8	Wall B	White	Concrete	0.00	Negative	
271	Area 2-8	Wall C	White	Concrete	0.00	Negative	
272	Area 2-8	Wall D	White	Concrete	0.00	Negative	
273	Area 2-8	Ceiling	White	Concrete	0.03	Negative	
274	Area 2-8	Window Grille	White	Metal	0.00	Negative	
275	Area 2-8	Window Shutter	White	Metal	0.00	Negative	
276	Area 2-8	Closet Door	Cream	Wood	0.60	Negative	
277	Area 2-8	Closet Door Casing	Cream	Wood	0.60	Negative	
278	Area 2-9	Door Casing	Brown	Wood	0.00	Negative	
279	Area 2-9	Wall A	White	Concrete	0.00	Negative	
280	Area 2-9	Wall B	White	Concrete	0.00	Negative	
281	Area 2-9	Wall C	White	Concrete	0.00	Negative	
282	Area 2-9	Wall D	White	Concrete	0.01	Negative	
283	Area 2-9	Window Shutter	White	Metal	0.00	Negative	
284	Area 2-9	Closet Door	Cream	Wood	0.15	Negative	
285	Area 2-9	Closet Door Casing	Cream	Wood	0.27	Negative	
286	Area 2-9	Door	Brown	Wood	1.50	Positive	
287	Area 2-9	Door Casing	Brown	Wood	0.70	Negative	
288	Calibration				1.00		
289	Calibration				1.00		
290	Calibration				1.00		

PROJECT:	Calle Georgetti #93, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
291	Area 1-1	Wall A	Cream	Concrete	0.00	Negative	
292	Area 1-1	Wall B	Cream	Wood	0.00	Negative	
293	Area 1-1	Wall C	Cream	Concrete	0.00	Negative	
294	Area 1-1	Wall D	Cream	Concrete	0.02	Negative	
295	Area 1-1	Column	Cream	Concrete	0.00	Negative	
296	Area 1-1	Door	White	Metal	0.00	Negative	
297	Area 1-1	Door Casing	White	Metal	0.02	Negative	
298	Area 1-1	Beam	Cream	Concrete	0.00	Negative	
299	Area 1-1	Floor Tile	Pink	Ceramic	4.70	Positive	
300	Area 1-1	Ceiling	Cream	Concrete	0.00	Negative	
301	Area 1-2	Wall A	Cream	Concrete	0.00	Negative	
302	Area 1-2	Window Casing	White	Metal	0.03	Negative	
303	Area 1-2	Column	Cream	Concrete	0.00	Negative	
304	Area 1-2	Wall B	Cream	Concrete	0.00	Negative	
305	Area 1-2	Beam	Cream	Concrete	0.00	Negative	
306	Area 1-2	Wall C	Cream	Wood	0.03	Negative	
307	Area 1-2	Wall D	Cream	Wood	0.03	Negative	
308	Area 1-2	Door	White	Wood	0.00	Negative	
309	Area 1-2	Door Casing Closet	White	Wood	0.00	Negative	
310	Area 1-2	Floor Tile	Pink	Ceramic	4.30	Positive	
311	Area 1-2	Ceiling	Cream	Concrete	0.00	Negative	
312	Area 1-3	Wall A	Cream	Wood	0.00	Negative	
313	Area 1-3	Wall B	Cream	Concrete	0.00	Negative	
314	Area 1-3	Wall C	Cream	Wood	0.00	Negative	
315	Area 1-3	Wall D	Cream	Wood	0.00	Negative	
316	Area 1-3	Door Casing	Cream	Wood	0.01	Negative	
317	Area 1-3	Ceiling	Cream	Concrete	0.00	Negative	
318	Area 1-3	Column	Cream	Concrete	0.00	Negative	
319	Area 1-3	Beam	Cream	Concrete	0.00	Negative	
320	Area 1-3	Door	White	Wood	0.00	Negative	
321	Area 1-3	Door Casing Closet	White	Wood	0.00	Negative	
322	Area 1-3	Floor Tile	Pink	Ceramic	4.30	Positive	
323	Area 1-4	Wall A	Cream	Wood	0.00	Negative	
324	Area 1-4	Wall B	Cream	Concrete	0.00	Negative	
325	Area 1-4	Wall C	Cream	Concrete	0.00	Negative	
326	Area 1-4	Column	Cream	Concrete	0.00	Negative	
327	Area 1-4	Ceiling	Cream	Concrete	0.01	Negative	
328	Area 1-4	Beam	Cream	Concrete	0.00	Negative	
329	Area 1-4	Floor Tile	Pink	Ceramic	4.30	Positive	
330	Area 1-5	Door	Brown	Wood	0.00	Negative	
331	Area 1-5	Door Casing	Brown	Wood	0.00	Negative	
332	Area 1-5	Wall Tile	White	Ceramic	2.80	Positive	
333	Area 1-5	Window Shutter	White	Metal	0.00	Negative	
334	Area 1-5	Wall A	Cream	Concrete	0.00	Negative	
335	Area 1-5	Wall B	Cream	Concrete	0.00	Negative	
336	Area 1-5	Wall C	Cream	Concrete	0.00	Negative	
337	Area 1-5	Wall D	Cream	Concrete	0.00	Negative	
338	Area 1-5	Ceiling	Cream	Concrete	0.00	Negative	
339	Area 1-5	Floor Tile	Cream	Ceramic	0.02	Negative	
340	Area 1-5	Shower Tile	Cream	Ceramic	0.02	Negative	
341	Area 1-6	Wall A	Cream	Concrete	0.00	Negative	
342	Area 1-6	Wall B	Cream	Concrete	0.00	Negative	
343	Area 1-6	Wall C	Cream	Concrete	0.00	Negative	
344	Area 1-6	Wall D	Cream	Concrete	0.00	Negative	
345	Area 1-6	Ceiling	Cream	Concrete	0.03	Negative	

PROJECT:	Calle Georgetti #93, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
346	Area 1-6	Floor Tile	Cream	Ceramic	0.00	Negative	
347	Area 1-6	Window Shutter	White	Metal	0.00	Negative	
348	Area 1-6	Door Casing	White	Metal	0.00	Negative	
349	Area 1-7	Wall Tile	White	Ceramic	1.80	Positive	
350	Area 1-7	Floor Tile	Cream	Ceramic	0.00	Negative	
351	Area 1-7	Door	Brown	Wood	0.00	Negative	
352	Area 1-7	Door Casing	Brown	Wood	0.00	Negative	
353	Area 1-7	Wall A	White	Concrete	0.00	Negative	
354	Area 1-7	Wall B	White	Concrete	0.02	Negative	
355	Area 1-7	Wall C	White	Concrete	0.02	Negative	
356	Area 1-7	Wall D	White	Concrete	0.00	Negative	
357	Area 1-7	Ceiling	White	Wood	0.00	Negative	
358	Area 1-7	Toilet	White	Ceramic	0.01	Negative	
359	Area 1-7	Lavatory	White	Ceramic	0.00	Negative	
360	Area 1-8	Lower Wall B	Cream	Concrete	0.00	Negative	
361	Area 1-8	Lower Wall C	Cream	Concrete	0.00	Negative	
362	Area 1-8	Wall D	Cream	Concrete	0.00	Negative	
363	Area 1-8	Floor Tile	Pink	Ceramic	4.30	Positive	
364	Exterior	Wall C	Blue	Concrete	0.00	Negative	
365	Exterior	Fascia	Blue	Concrete	0.00	Negative	
366	Exterior	Soffit	Blue	Concrete	0.00	Negative	
367	Exterior	Wall A	Brown	Concrete	0.80	Negative	
368	Exterior	Wall A	Brown	Concrete	0.70	Negative	
369	Exterior	Stairs	Gray	Concrete	0.00	Negative	
370	Exterior	Hand Rail	Black	Metal	0.04	Negative	
371	Exterior	Floor	Gray	Concrete	0.00	Negative	
372	Exterior	Overhang	Brown	Concrete	0.00	Negative	
373	Exterior	Wall B	Brown	Concrete	0.00	Negative	
374	Area 1-9	Wall A	Cream	Concrete	0.02	Negative	
375	Area 1-9	Wall B	Cream	Concrete	0.00	Negative	
376	Area 1-9	Wall C	Cream	Concrete	0.03	Negative	
377	Area 1-9	Wall D	Cream	Concrete	0.00	Negative	
378	Area 1-9	Ceiling	Cream	Concrete	0.00	Negative	
379	Area 1-9	Floor Tile	Brown	Ceramic	0.00	Negative	
380	Area 1-9	Debris	Pink	Ceramic	1.70	Positive	
381	Area 2-1	Wall A	White	Concrete	0.01	Negative	
382	Area 2-1	Door	White	Wood	0.00	Negative	
383	Area 2-1	Door Casing	White	Wood	0.00	Negative	
384	Area 2-1	Beam	White	Concrete	0.00	Negative	
385	Area 2-1	Column	White	Concrete	0.01	Negative	
386	Area 2-1	Ceiling	White	Concrete	0.00	Negative	
387	Area 2-1	Floor Tile	Pink	Ceramic	1.30	Positive	
388	Area 2-1	Door	White	Wood	0.00	Negative	
389	Area 2-1	Door Casing	White	Wood	0.00	Negative	
390	Area 2-1	Window Shutter	White	Metal	0.00	Negative	
391	Area 2-1	Wall B	White	Concrete	0.00	Negative	
392	Area 2-1	Wall C	White	Concrete	0.00	Negative	
393	Area 2-1	Wall D	White	Wood	0.01	Negative	
394	Area 2-2	Lower Wall A	White	Concrete	0.70	Negative	
395	Area 2-2	Lower Wall B	White	Concrete	0.00	Negative	
396	Area 2-2	Lower Wall D	White	Concrete	0.00	Negative	
397	Area 2-2	Grille	Black	Metal	0.00	Negative	
398	Area 2-2	Ceiling	White	Concrete	0.02	Negative	
399	Area 2-2	Floor Tile	Pink	Ceramic	1.20	Positive	
400	Area 2-2	Hand Rail	Cream	Concrete	0.00	Negative	

PROJECT:	Calle Georgetti #93, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
401	Area 2-3	Wall A	White	Concrete	0.00	Negative	
402	Area 2-3	Wall B	White	Concrete	0.00	Negative	
403	Area 2-3	Wall C	White	Concrete	0.02	Negative	
404	Area 2-3	Wall D	White	Concrete	0.02	Negative	
405	Area 2-3	Wall Tile	White	Ceramic	2.70	Positive	
406	Area 2-3	Floor Tile	Pink	Ceramic	2.00	Positive	
407	Area 2-3	Door	Purple	Wood	0.00	Negative	
408	Area 2-3	Door Casing	Purple	Wood	0.00	Negative	
409	Area 2-3	Ceiling	White	Concrete	0.00	Negative	
410	Area 2-3	Toilet	White	Ceramic	0.00	Negative	
411	Area 2-3	Lavatory	White	Ceramic	0.03	Negative	
412	Area 2-3	Window Shutter	White	Metal	0.00	Negative	
413	Area 2-4	Door Casing	White	Wood	0.03	Negative	
414	Area 2-4	Wall A	White	Concrete	0.00	Negative	
415	Area 2-4	Wall B	White	Concrete	0.00	Negative	
416	Area 2-4	Wall C	White	Concrete	0.50	Negative	
417	Area 2-4	Wall D	White	Concrete	0.00	Negative	
418	Area 2-4	Grille	Black	Metal	0.00	Negative	
419	Area 2-4	Ceiling	White	Concrete	0.01	Negative	
420	Area 2-4	Floor Tile	Pink	Ceramic	1.50	Positive	
421	Area 2-5	Wall Tile	White	Ceramic	2.70	Positive	
422	Area 2-5	Floor Tile	Pink	Ceramic	1.20	Positive	
423	Area 2-5	Wall A	White	Concrete	0.00	Negative	
424	Area 2-5	Wall B	White	Concrete	0.00	Negative	
425	Area 2-5	Wall C	White	Concrete	0.02	Negative	
426	Area 2-5	Wall D	White	Concrete	0.02	Negative	
427	Area 2-5	Ceiling	White	Concrete	0.00	Negative	
428	Area 2-5	Window Shutter	White	Metal	0.00	Negative	
429	Area 2-5	Shelve	Brown	Wood	0.00	Negative	
430	Area 2-6	Wall A	White	Wood	0.03	Negative	
431	Area 2-6	Wall B	White	Wood	0.00	Negative	
432	Area 2-6	Wall C	White	Concrete	0.00	Negative	
433	Area 2-6	Wall D	White	Concrete	0.70	Negative	
434	Area 2-6	Column	White	Concrete	0.70	Negative	
435	Area 2-6	Beam	White	Concrete	0.00	Negative	
436	Area 2-6	Ceiling	White	Concrete	0.00	Negative	
437	Area 2-6	Floor Tile	Pink	Ceramic	1.30	Positive	
438	Area 2-6	Door	White	Wood	0.00	Negative	
439	Area 2-6	Door Casing	White	Wood	0.00	Negative	
440	Area 2-6	Door	White	Metal	0.00	Negative	
441	Area 2-6	Door Casing Closet	White	Metal	0.00	Negative	
442	Area 2-7	Door	White	Wood	0.00	Negative	
443	Area 2-7	Door Casing	White	Wood	0.02	Negative	
444	Area 2-7	Wall B	White	Wood	0.00	Negative	
445	Area 2-7	Wall C	White	Wood	0.00	Negative	
446	Area 2-7	Wall A	White	Concrete	0.00	Negative	
447	Area 2-7	Wall D	White	Concrete	0.02	Negative	
448	Area 2-7	Ceiling	White	Concrete	0.00	Negative	
449	Area 2-7	Door	Brown	Wood	0.00	Negative	
450	Area 2-7	Door Casing	Brown	Wood	0.00	Negative	
451	Area 2-7	Column	White	Concrete	0.60	Negative	
452	Area 2-7	Beam	White	Concrete	0.00	Negative	
453	Area 2-7	Door	White	Metal	0.00	Negative	
454	Area 2-7	Window Shutter	White	Metal	0.00	Negative	
455	Area 2-7	Floor Tile	Pink	Ceramic	1.80	Positive	

PROJECT:	Calle Georgetti #95, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/03/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
456	Area 1-1	Ceiling	Brown	Wood	0.01	Negative	
457	Area 1-1	Window Casing	Gray	Metal	0.00	Negative	
458	Area 1-1	Window Shutter	White	Metal	0.00	Negative	
459	Area 1-1	Door	Brown	Metal	0.03	Negative	
460	Area 1-1	Door Casing	Brown	Metal	0.00	Negative	
461	Area 1-1	Column	White	Concrete	2.00	Positive	
462	Area 1-1	Beam	Brown	Concrete	1.00	Positive	
463	Area 1-1	Column	Cream	Concrete	1.00	Positive	
464	Area 1-1	Wall A	Cream	Concrete	1.00	Positive	
465	Area 1-1	Wall B	Cream	Concrete	1.00	Positive	
466	Area 1-1	Wall C	Cream	Concrete	1.00	Positive	
467	Area 1-1	Wall D	Cream	Concrete	0.00	Negative	
468	Area 1-1	Door	White	Metal	0.00	Negative	
469	Area 1-1	Door Casing	White	Metal	0.00	Negative	
470	Area 1-3	Wall A	Cream	Concrete	0.40	Negative	
471	Area 1-3	Wall B	Cream	Concrete	0.20	Negative	
472	Area 1-3	Wall C	Cream	Concrete	0.15	Negative	
473	Area 1-3	Wall D	Cream	Concrete	0.40	Negative	
474	Area 1-3	Wall A	Yellow	Concrete	0.00	Negative	
475	Area 1-3	Wall B	Yellow	Concrete	0.00	Negative	
476	Area 1-3	Wall C	Yellow	Concrete	0.00	Negative	
477	Area 1-3	Wall D	Yellow	Concrete	0.02	Negative	
478	Area 1-3	Toilet	White	Ceramic	0.00	Negative	
479	Area 1-4	Wall A	Orange	Concrete	0.30	Negative	
480	Area 1-4	Wall B	Orange	Concrete	0.27	Negative	
481	Area 1-4	Lower Wall C	Orange	Concrete	0.00	Negative	
482	Area 1-4	Wall D	Orange	Concrete	0.00	Negative	
483	Area 1-4	Column	Orange	Concrete	0.29	Negative	
484	Area 1-4	Winow Grille	White	Metal	0.00	Negative	
485	Area 1-4	Lavatory	White	Ceramic	0.00	Negative	
486	Area 1-5	Wall A	White	Concrete	0.23	Negative	
487	Area 1-5	Wall B	White	Concrete	0.26	Negative	
488	Area 1-5	Wall C	White	Concrete	0.00	Negative	
489	Area 1-5	Wall D	White	Concrete	0.00	Negative	
490	Area 1-5	Toilet	White	Ceramic	0.00	Negative	
491	Area 1-5	Window Shutter	White	Metal	0.00	Negative	
492	Area 1-2	Door	Gray	Metal	0.02	Negative	
493	Area 1-2	Door Casing	Gray	Metal	0.02	Negative	
494	Area 1-2	Window Casing	Gray	Metal	0.00	Negative	
495	Area 1-2	Wall A	Cream	Concrete	1.50	Positive	
496	Area 1-2	Wall B	Cream	Concrete	0.00	Negative	
497	Area 1-2	Wall C	Cream	Concrete	2.00	Positive	
498	Area 1-2	Wall D	Cream	Concrete	1.30	Positive	
499	Area 1-2	Window Shutter	White	Metal	0.00	Negative	
500	Area 1-2	Door	Cream	Metal	0.00	Negative	
501	Area 1-2	Door Casing	Cream	Metal	0.00	Negative	
502	Area 1-2	Wall Tile	White	Ceramic	0.00	Negative	
503	Exterior Area	Wall A	Cream	Concrete	0.01	Negative	
504	Exterior Area	Crown Molding	Brown	Wood	0.00	Negative	
505	Exterior Area	Wall D	Green	Concrete	0.00	Negative	
506	Exterior Area	Column	Orange	Concrete	0.00	Negative	
507	Exterior Area	Wall C	Orange	Concrete	0.00	Negative	
508	Calibration				1.00		
509	Calibration				1.00		
510	Calibration				1.00		

PROJECT:	Calle Georgetti #79, Comerío P.R			CLIENT: Municipality of Comerío			
DATE:	4/14/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Substr.	XRF Reading	Pos/Neg	Comments
511	Calibration				1.00		
512	Calibration				1.00		
513	Calibration				1.00		
514	Area 1-1	Door	Gray	Metal	0.00	Negative	
515	Area 1-1	Door Casing	Gray	Metal	0.02	Negative	
516	Area 1-1	Door	Gray	Metal	0.02	Negative	
517	Area 1-1	Door Casing	Gray	Metal	0.00	Negative	
518	Area 1-1	Floor Tile	Gray	Ceramic	0.50	Negative	
519	Area 1-1	Baseboard	Gray	Ceramic	0.50	Negative	
520	Area 1-1	Wall A	White	Concrete	0.00	Negative	
521	Area 1-1	Wall B	White	Concrete	0.00	Negative	
522	Area 1-1	Wall C	White	Concrete	0.01	Negative	
523	Area 1-1	Ceiling	White	Concrete	0.00	Negative	
524	Area 1-1	Column	White	Concrete	0.40	Negative	
525	Area 1-1	Beam	White	Concrete	0.00	Negative	
526	Area 1-1	Wall C	White	Wood	0.00	Negative	
527	Area 1-2	Under Stairs	White	Concrete	0.03	Negative	
528	Area 1-2	Wall B	White	Concrete	0.15	Negative	
529	Area 1-2	Wall D	White	Concrete	0.15	Negative	
530	Area 1-2	Column	White	Concrete	0.00	Negative	
531	Area 1-3	Wall A	White	Wood	0.00	Negative	
532	Area 1-3	Wall D	White	Wood	0.00	Negative	
533	Area 1-3	Column	White	Concrete	0.02	Negative	
534	Area 1-3	Beam	White	Concrete	0.00	Negative	
535	Area 1-3	Floor Tile	Gray	Ceramic	0.50	Negative	
536	Area 1-3	Baseboard	Gray	Ceramic	0.50	Negative	
537	Area 1-3	Wall A	White	Concrete	0.50	Negative	
538	Area 1-3	Wall B	White	Concrete	0.18	Negative	
539	Area 1-3	Wall C	White	Concrete	0.20	Negative	
540	Area 1-3	Wall D	White	Concrete	0.00	Negative	
541	Area 1-3	Ceiling	White	Concrete	0.00	Negative	
542	Area 1-3	Window Shutter	White	Metal	0.00	Negative	
543	Area 1-3	Door Casing	White	Wood	0.02	Negative	
544	Area 1-4	Wall A	White	Concrete	0.00	Negative	
545	Area 1-4	Wall B	White	Concrete	0.00	Negative	
546	Area 1-4	Wall C	White	Concrete	0.00	Negative	
547	Area 1-4	Wall D	White	Concrete	0.00	Negative	
548	Area 1-4	Ceiling	White	Wood	0.00	Negative	
549	Area 1-4	Floor Tile	Gray	Ceramic	0.50	Negative	
550	Area 1-4	Wall Tile	Gray	Ceramic	0.01	Negative	
551	Area 1-5	Wall A	White	Concrete	0.00	Negative	
552	Area 1-5	Wall B	White	Concrete	0.00	Negative	
553	Area 1-5	Wall C	White	Concrete	0.00	Negative	
554	Area 1-5	Wall D	White	Concrete	0.00	Negative	
555	Area 1-5	Ceiling	White	Wood	0.03	Negative	
556	Area 1-5	Window Shutter	White	Metal	0.00	Negative	
557	Area 1-5	Wall Tile	Gray	Ceramic	0.01	Negative	
558	Area 1-5	Floor Tile	Gray	Ceramic	0.50	Negative	
559	Area 1-5	Window Shutter	White	Metal	0.00	Negative	
560	Area 1-6	Wall A	White	Concrete	0.40	Negative	
561	Area 1-6	Wall B	White	Concrete	0.24	Negative	
562	Area 1-6	Wall C	White	Concrete	0.00	Negative	
563	Area 1-6	Wall D	White	Concrete	0.00	Negative	
564	Area 1-6	Ceiling	White	Concrete	0.00	Negative	
565	Area 1-6	Floor Tile	Gray	Ceramic	0.50	Negative	

PROJECT:	Calle Georgetti #79, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/14/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
566	Area 1-6	Baseboard	Gray	Ceramic	0.50	Negative	
567	Area 1-6	Wall B	White	Wood	0.00	Negative	
568	Area 1-6	Door Casing	White	Wood	0.02	Negative	
569	Stairs	Door	Brown	Metal	0.02	Negative	
570	Stairs	Door Casing	Brown	Metal	0.00	Negative	
571	Stairs	Railing System	Brown	Metal	0.00	Negative	
572	Stairs	Floor Tile	Gray	Ceramic	7.00	Positive	
573	Stairs	Baseboard	Gray	Ceramic	7.00	Positive	
574	Stairs	Wall A	Orange	Concrete	0.02	Negative	
575	Stairs	Wall B	Orange	Concrete	0.00	Negative	
576	Stairs	Wall D	Orange	Concrete	0.00	Negative	
577	Stairs	Ceiling	Orange	Concrete	0.00	Negative	
578	Area 2-1	Railing System	Brown	Metal	0.03	Negative	
579	Area 2-1	Ceiling	Cream	Concrete	0.00	Negative	
580	Area 2-1	Wall A	Cream	Concrete	0.00	Negative	
581	Area 2-1	Floor Tile	Gray	Ceramic	8.20	Positive	
582	Area 2-1	Baseboard	Gray	Ceramic	7.80	Positive	
583	Area 2-2	Wall A	Cream	Concrete	0.00	Negative	
584	Area 2-2	Wall B	Cream	Concrete	0.00	Negative	
585	Area 2-2	Wall C	Cream	Concrete	0.03	Negative	
586	Area 2-2	Wall D	Cream	Concrete	0.00	Negative	
587	Area 2-2	Beam	Cream	Concrete	0.00	Negative	
588	Area 2-2	Floor Tile	White	Ceramic	0.00	Negative	
589	Area 2-2	Baseboard	White	Ceramic	0.01	Negative	
590	Area 2-2	Railing System	Brown	Metal	0.01	Negative	
591	Area 2-2	Window Casing	White	Metal	0.00	Negative	
592	Area 2-2	Door	White	Metal	0.00	Negative	
593	Area 2-2	Door Casing	White	Metal	0.00	Negative	
594	Area 2-3	Floor Tile	Gray	Ceramic	1.30	Positive	
595	Area 2-3	Baseboard	Gray	Ceramic	1.20	Positive	
596	Area 2-3	Wall A	Cream	Concrete	0.00	Negative	
597	Area 2-3	Wall B	Cream	Concrete	0.00	Negative	
598	Area 2-3	Wall C	Cream	Concrete	0.02	Negative	
599	Area 2-3	Wall D	Cream	Concrete	0.00	Negative	
600	Area 2-3	Ceiling	Cream	Concrete	0.00	Negative	
601	Area 2-3	Stairs	Brown	Metal	0.10	Negative	
602	Area 2-3	Window Casing	White	Metal	0.00	Negative	
603	Area 2-4	Floor Tile	Gray	Ceramic	2.00	Positive	
604	Area 2-4	Wall Tile	Cream	Ceramic	0.00	Negative	
605	Area 2-4	Shower Tile	Cream	Ceramic	0.00	Negative	
606	Area 2-4	Toilet	Cream	Ceramic	0.02	Negative	
607	Area 2-4	Lavatory	Cream	Ceramic	0.02	Negative	
608	Area 2-4	Door	Brown	Wood	0.00	Negative	
609	Area 2-4	Door Frame	Brown	Wood	0.00	Negative	
610	Area 2-4	Window Casing	White	Metal	0.02	Negative	
611	Area 2-4	Ceiling	Cream	Concrete	0.00	Negative	
612	Area 2-5	Floor Tile	Gray	Ceramic	1.80	Positive	
613	Area 2-5	Baseboard	Gray	Ceramic	1.80	Positive	
614	Area 2-5	Floor Tile	Brown	Ceramic	0.12	Negative	
615	Area 2-5	Baseboard	Brown	Ceramic	0.12	Negative	
616	Area 2-5	Wall A	White	Concrete	0.00	Negative	
617	Area 2-5	Wall B	White	Concrete	0.00	Negative	
618	Area 2-5	Wall C	White	Concrete	0.00	Negative	
619	Area 2-5	Wall D	White	Concrete	0.01	Negative	
620	Area 2-5	Ceiling	White	Concrete	0.01	Negative	

PROJECT:	Calle Georgetti #79, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/14/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
621	Area 2-5	Window Casing	White	Metal	0.00	Negative	
622	Area 2-5	Door	Brown	Wood	0.00	Negative	
623	Area 2-5	Door Frame	Brown	Wood	0.03	Negative	
624	Area 2-5	Closet Door	Brown	Wood	0.00	Negative	
625	Area 2-5	Closet Door Frame	Brown	Wood	0.02	Negative	
626	Area 2-5	Shelve	Brown	Wood	0.00	Negative	
627	Area 2-6	Wall A	Yellow	Concrete	0.00	Negative	
628	Area 2-6	Wall B	Yellow	Concrete	0.03	Negative	
629	Area 2-6	Wall C	Yellow	Concrete	0.01	Negative	
630	Area 2-6	Wall D	Yellow	Concrete	0.01	Negative	
631	Area 2-6	Ceiling	Yellow	Concrete	0.00	Negative	
632	Area 2-6	Floor Tile	Gray	Ceramic	1.30	Positive	
633	Area 2-6	Baseboard	Gray	Ceramic	1.30	Positive	
634	Area 2-6	Door	Brown	Wood	0.00	Negative	
635	Area 2-6	Door Frame	Brown	Wood	0.00	Negative	
636	Area 2-6	Door	Brown	Wood	0.00	Negative	
637	Area 2-6	Closet Door Frame	Brown	Wood	0.00	Negative	
638	Area 2-6	Window Casing	White	Metal	0.00	Negative	
639	Area 2-7	Wall A	White	Concrete	0.02	Negative	
640	Area 2-7	Wall B	White	Concrete	0.00	Negative	
641	Area 2-7	Wall C	White	Concrete	0.00	Negative	
642	Area 2-7	Wall D	White	Concrete	0.00	Negative	
643	Area 2-7	Floor Tile	Gray	Ceramic	1.90	Positive	
644	Area 2-7	Baseboard	Gray	Ceramic	1.30	Positive	
645	Area 2-7	Floor Tile	White	Ceramic	0.00	Negative	
646	Area 2-7	Window Casing	White	Metal	0.00	Negative	
647	Area 2-7	Ceiling	White	Concrete	0.00	Negative	
648	Area 2-7	Door	Brown	Wood	0.00	Negative	
649	Area 2-7	Door Frame	Brown	Wood	0.00	Negative	
650	Area 2-7	Door	Brown	Wood	0.01	Negative	
651	Area 2-7	Door Frame Cabinet	Brown	Wood	0.01	Negative	
652	Roof	Wall A	White	Concrete	0.01	Negative	
653	Roof	Wall B	White	Concrete	0.00	Negative	
654	Roof	Wall C	White	Concrete	0.00	Negative	
655	Roof	Wall D	White	Concrete	0.00	Negative	
656	Roof	Door	White	Metal	0.00	Negative	
657	Roof	Door Frame	White	Metal	0.00	Negative	
658	Exterior Area	Wall A	Purple	Concrete	0.03	Negative	
659	Exterior Area	Soffit	Purple	Concrete	0.00	Negative	
660	Exterior Area	Fascia	Red	Concrete	0.00	Negative	
661	Exterior Area	Wall D	Blue	Concrete	0.00	Negative	
662	Exterior Area	Column	Blue	Concrete	0.00	Negative	
663	Exterior Area	Wall D	Cream	Concrete	0.00	Negative	
664	Exterior Area	Beam	Blue	Concrete	0.02	Negative	
665	Exterior Area	Wall C	Green	Concrete	0.02	Negative	
666	Exterior Area	Column	Green	Concrete	0.00	Negative	
667	Exterior Area	Soffit	Green	Concrete	0.00	Negative	
668	Exterior Area	Fascia	Blue	Concrete	0.00	Negative	

PROJECT:	Calle Georgetti #60, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/14/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
669	Area 1-1	Door	White	Metal	0.00	Negative	
670	Area 1-1	Door Casing	White	Metal	0.00	Negative	
671	Area 1-1	Column	Blue	Concrete	0.00	Negative	
672	Area 1-1	Wall B	White	Concrete	1.20	Positive	
673	Area 1-1	Wall A	Blue	Concrete	0.00	Negative	
674	Area 1-1	Window Casing	Gray	Metal	0.00	Negative	
675	Area 1-1	Gate	White	Metal	0.01	Negative	
676	Area 1-1	Wall B	Cream	Concrete	0.00	Negative	
677	Area 1-1	Wall B	Cream	Wood	0.00	Negative	
678	Area 1-1	Wall C	Brown	Concrete	1.20	Positive	
679	Area 1-1	Gate	White	Metal	0.00	Negative	
680	Area 1-1	Grille	White	Metal	0.00	Negative	
681	Area 1-1	Wall D	Cream	Concrete	1.50	Positive	
682	Area 1-1	Column	Brown	Concrete	0.00	Negative	
683	Area 1-1	Wall Tile	Green	Ceramic	0.00	Negative	
684	Area 1-2	Wall A	White	Concrete	0.00	Negative	
685	Area 1-2	Wall B	White	Concrete	1.20	Positive	
686	Area 1-2	Wall C	White	Concrete	0.00	Negative	
687	Area 1-2	Wall D	White	Concrete	0.00	Negative	
688	Area 1-2	Under Stairs	White	Concrete	0.00	Negative	
689	Area 1-2	Door Casing	Cream	Wood	0.00	Negative	
690	Area 1-3	Wall A	Green	Concrete	0.02	Negative	
691	Area 1-3	Wall B	Green	Concrete	0.01	Negative	
692	Area 1-3	Wall C	Green	Concrete	0.00	Negative	
693	Area 1-3	Column	Green	Concrete	0.01	Negative	
694	Area 1-3	Wall D	Cream	Concrete	0.00	Negative	
695	Area 1-3	Door Casing	White	Metal	0.00	Negative	
696	Area 1-3	Beam	Green	Concrete	0.03	Negative	
697	Area 1-3	Door	Cream	Wood	0.00	Negative	
698	Area 1-3	Door Frame	Cream	Wood	0.00	Negative	
699	Area 1-3	Partition	Cream	Concrete	0.00	Negative	
700	Area 1-4	Door	White	Wood	0.03	Negative	
701	Area 1-4	Door Frame	White	Wood	0.00	Negative	
702	Area 1-4	Wall A	White	Concrete	0.00	Negative	
703	Area 1-4	Wall B	White	Concrete	0.00	Negative	
704	Area 1-4	Wall C	White	Concrete	0.00	Negative	
705	Area 1-4	Wall D	White	Concrete	0.01	Negative	
706	Area 1-4	Wall Tile	Green	Ceramic	3.40	Positive	
707	Area 1-4	Louver	White	Wood	0.00	Negative	
708	Area 1-4	Toilet	White	Ceramic	0.00	Negative	
709	Area 1-4	Lavatory	White	Ceramic	0.00	Negative	
710	Area 1-5	Door	White	Wood	0.00	Negative	
711	Area 1-5	Door Frame	White	Wood	0.00	Negative	
712	Area 1-5	Wall A	White	Concrete	0.02	Negative	
713	Area 1-5	Wall B	White	Concrete	0.02	Negative	
714	Area 1-5	Wall C	White	Concrete	0.01	Negative	
715	Area 1-5	Wall D	White	Concrete	0.00	Negative	
716	Area 1-5	Wall Tile	Green	Ceramic	3.40	Positive	
717	Area 1-5	Louver	White	Wood	0.00	Negative	
718	Area 1-5	Toilet	White	Ceramic	0.00	Negative	
719	Area 1-5	Lavatory	White	Ceramic	0.00	Negative	
720	Basement	Wall A	White	Concrete	0.01	Negative	
721	Basement	Wall B	White	Concrete	0.00	Negative	
722	Basement	Wall C	White	Concrete	0.03	Negative	
723	Basement	Wall D	White	Concrete	0.00	Negative	

PROJECT:	Calle Georgetti #60, Comerio P.R			CLIENT: Municipality of Comerio			
DATE:	4/14/2023			LBP Inspector: Dilia Rosado			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
724	Exterior Area	Wall Tile	Green	Ceramic	0.00	Negative	
725	Exterior Area	Soffit	Cream	Concrete	0.00	Negative	
726	Exterior Area	Gate	White	Metal	0.01	Negative	
727	Exterior Area	Overhang	Cream	Concrete	0.02	Negative	
728	Area 2-1	Wall A	White	Concrete	0.00	Negative	
729	Area 2-1	Wall B	White	Concrete	0.00	Negative	
730	Area 2-1	Wall C	White	Concrete	0.01	Negative	
731	Area 2-1	Wall D	White	Concrete	0.00	Negative	
732	Area 2-1	Ceiling	White	Concrete	0.00	Negative	
733	Area 2-1	Floor Tile	White	Concrete	0.50	Negative	
734	Area 2-1	Wall Tile	Brown	Concrete	0.10	Negative	
735	Area 2-1	Window Casing	White	Metal	0.00	Negative	
736	Area 2-2	Wall A	White	Concrete	0.00	Negative	
737	Area 2-2	Wall B	White	Concrete	0.00	Negative	
738	Area 2-2	Wall C	White	Concrete	0.03	Negative	
739	Area 2-2	Wall D	White	Concrete	0.00	Negative	
740	Area 2-2	Ceiling	White	Concrete	0.00	Negative	
741	Area 2-2	Window Casing	White	Metal	0.03	Negative	
742	Area 2-3	Wall Tile	White	Concrete	0.00	Negative	
743	Area 2-3	Wall Tile	Purple	Concrete	0.60	Negative	
744	Area 2-3	Lavatory	Purple	Concrete	0.00	Negative	
745	Area 2-3	Toilet	White	Concrete	0.00	Negative	
746	Area 2-6	Wall A	White	Concrete	0.00	Negative	
747	Area 2-6	Wall B	White	Concrete	0.00	Negative	
748	Area 2-6	Wall C	White	Concrete	0.02	Negative	
749	Area 2-6	Wall D	White	Concrete	0.00	Negative	
750	Area 2-5	Ceiling	White	Concrete	0.02	Negative	
751	Area 2-6	Ceiling	White	Concrete	0.00	Negative	
752	Area 2-6	Door	White	Wood	0.03	Negative	
753	Area 2-6	Door Casing	White	Wood	0.00	Negative	
754	Balcony	Wall A	Brown	Concrete	1.30	Positive	
755	Balcony	Wall B	White	Concrete	1.20	Positive	
756	Balcony	Wall C	White	Concrete	1.20	Positive	
757	Balcony	Wall D	White	Concrete	1.20	Positive	
758	Balcony	Fascia	Red	Concrete	1.30	Positive	
759	Exterior Area	Wall Tile	Brown	Concrete	0.00	Negative	
760	Exterior Area	Soffit	Cream	Concrete	2.10	Positive	
761	Exterior Area	Wall B	Cream	Concrete	0.00	Negative	
762	Exterior Area	Wall C	Cream	Concrete	0.00	Negative	
763	Exterior Area	Wall D	Cream	Concrete	0.00	Negative	
764	Calibration				1.00		
765	Calibration				1.00		
766	Calibration				1.00		

APPENDIX C: XRF's PERFORMANCE CHARACTERISTICS SHEET

Performance Characteristic Sheet

EFFECTIVE DATE: **September 24, 2004** **EDITION NO.: 1**

MANUFACTURER AND MODEL:

Make: *Niton LLC*

Tested Model: *XLp 300*

Source: ^{109}Cd

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

XLi 300A, XLi 301A, XLi 302A and XLi 303A.
XLp 300A, XLp 301A, XLp 302A and XLp 303A.
XLi 700A, XLi 701A, XLi 702A and XLi 703A.
XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

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

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

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

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

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

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

SUBSTRATE CORRECTION:

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

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

INCONCLUSIVE RANGE OR THRESHOLD:

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

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

OPERATING PARAMETERS:

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

SUBSTRATE CORRECTION VALUE COMPUTATION:

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

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

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

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

Compute the Retest Tolerance Limit by the following steps:

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

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

Square the average for each testing combination.

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

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

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

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

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

Compute the average of all ten original XRF results.

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

Find the absolute difference of the two averages.

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

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

TESTING TIMES:

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

Testing Times Using K+L Reading Mode (Seconds)

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

CLASSIFICATION RESULTS:

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

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 6979	**Date:** 4/3/2023	
Description: **Structure #75** **Exterior Area** Lead-based painted concrete wall A & molding. Lead-based painted wood transom.		

Photo No. 6982	**Date:** 4/3/2023	
Description: **Structure #77** **Area 2-3** Lead containing ceramic listel & wall tiles.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 6983	**Date:** 4/3/2023	
Description: **Structure #77** **Area 2-3** Lead containing ceramic listel & wall tiles.		

Photo No. 6981	**Date:** 4/3/2023	
Description: **Structure #77** **Area 2-4** Lead containing ceramic listel & wall tiles.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 6977	**Date:** 4/3/2023	
Description: **Structure #87** **Exterior Area** Lead-based painted concrete surfaces.		

Photo No. 3016	**Date:** 4/3/2023	
Description: **Structure #91** **Stairs** Lead-based painted concrete wall D.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 3013	**Date:** 4/3/2023	
Description: **Structure #91** **Area 2-1** Lead-based painted concrete wall C.		

Photo No. 3015	**Date:** 4/3/2023	
Description: **Structure #91** **Area 2-1** Lead-based painted concrete ceiling.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 3018	**Date:** 4/3/2023	
Description: **Structure #91** **Area 2-6** Lead-based painted concrete wall surfaces.		

Photo No. 3017	**Date:** 4/3/2023	
Description: **Structure #91** **Area 2-5** Lead-based painted concrete wall A.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 3019	**Date:** 4/3/2023	
Description: **Structure #91** **Area 2-5** Lead-based painted concrete wall B.		

Photo No. 3017	**Date:** 4/3/2023	
Description: **Structure #91** **Area 2-5** Lead-based painted concrete wall A.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 3026	**Date:** 4/3/2023	
Description: **Structure #91** **Exterior Area** Lead-based painted concrete wall A.		

Photo No. 3027	**Date:** 4/3/2023	
Description: **Structure #91** **Exterior Area** Lead-based painted concrete ceiling.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 3020	**Date:** 4/3/2023	
Description: **Structure #91** **Area 2-9** Lead-based painted wood door.		

Photo No. 3021	**Date:** 4/3/2023	
Description: **Structure #91** **Area 2-9** Lead-based painted wood door.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 2997	**Date:** 4/3/2023	
Description: **Structure #93** Lead containing ceramic floor tiles.		

Photo No. 2998	**Date:** 4/3/2023	
Description: **Structure #93** Lead containing ceramic floor tiles.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 2999	**Date:** 4/3/2023	
Description: **Structure #93** Lead containing ceramic floor tiles.		

Photo No. 2930	**Date:** 4/3/2023	
Description: **Structure #93** Lead containing ceramic debris.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 3001	**Date:** 4/3/2023	
Description: **Structure #93** **Area 1-5** Lead containing ceramic wall tiles.		

Photo No. 3002	**Date:** 4/3/2023	
Description: **Structure #93** **Area 1-7** Lead containing ceramic wall tiles.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 3003	**Date:** 4/3/2023	
Description: **Structure #93** Lead containing ceramic floor tiles.		

Photo No. 3005	**Date:** 4/3/2023	
Description: **Structure #93** Lead containing ceramic floor tiles.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 3006	**Date:** 4/3/2023	
Description: **Structure #93** **Area 2-3** Lead containing ceramic wall tiles & floor tiles.		

Photo No. 3007	**Date:** 4/3/2023	
Description: **Structure #93** **Area 2-5** Lead containing ceramic wall tiles & floor tiles.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 2987	**Date:** 4/3/2023	
Description: **Structure #95** **Area 1-1** Lead-based painted concrete columns & beams.		

Photo No. 2991	**Date:** 4/3/2023	
Description: **Structure #95** **Area 1-1** Lead-based painted concrete columns & beams.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 2989	**Date:** 4/3/2023	
Description: **Structure #95** **Area 1-1** Lead-based painted concrete wall B.		

Photo No. 2990	**Date:** 4/3/2023	
Description: **Structure #95** **Area 1-1** Lead-based painted concrete wall C.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 2994	**Date:** 4/3/2023	
Description: **Structure #95** **Area 1-2** Lead-based painted concrete wall A.		

Photo No. 2995	**Date:** 4/3/2023	
Description: **Structure #95** **Area 1-2** Lead-based painted concrete wall C.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 2996	**Date:** 4/3/2023	
Description: **Structure #95** **Area 1-2** Lead-based painted concrete wall D.		

Photo No. 7100	**Date:** 4/14/2023	
Description: **Structure #79** **Stairs** Lead containing ceramic floor tiles & baseboard.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 7101	**Date:** 4/14/2023	
Description: **Structure #79** **Area 2-1** Lead containing ceramic floor tiles & baseboard.		

Photo No. 7102	**Date:** 4/14/2023	
Description: **Structure #79** **Area 2-3** Lead containing ceramic floor tiles & baseboard.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 7103	**Date:** 4/14/2023	
Description: **Structure #79** **Area 2-4** Lead containing ceramic floor tiles.		

Photo No. 7104	**Date:** 4/14/2023	
Description: **Structure #79** **Area 2-5** Lead containing ceramic floor tiles & baseboard.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 7105	**Date:** 4/14/2023	
Description: **Structure #79** **Area 2-6** Lead containing ceramic floor tiles & baseboard.		

Photo No. 7106	**Date:** 4/14/2023	
Description: **Structure #79** **Area 2-7** Lead containing ceramic floor tiles & baseboard.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 7111	**Date:** 4/14/2023	
Description: **Structure #60** **Area 1-1** Lead-based painted concrete wall C.		

Photo No. 7112	**Date:** 4/14/2023	
Description: **Structure #60** **Area 1-1** Lead-based painted concrete wall B.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 7110	**Date:** 4/14/2023	
Description: **Structure #60** **Area 1-1** Lead-based painted concrete wall D.		

Photo No. 7114	**Date:** 4/14/2023	
Description: **Structure #60** **Area 1-2** Lead-based painted concrete wall B.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 7108	**Date:** 4/14/2023	
Description: **Structure #60** **Area 1-4** Lead containing ceramic wall tiles.		

Photo No. 7109	**Date:** 4/14/2023	
Description: **Structure #60** **Area 1-5** Lead containing ceramic wall tiles.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 7117	**Date:** 4/14/2023	
Description: **Structure #60** **Balcony** Lead-based painted concrete wall surfaces & fascia.		

Photo No. 7118	**Date:** 4/14/2023	
Description: **Structure #60** **Balcony** Lead-based painted concrete wall surfaces & fascia.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 7119	**Date:** 4/14/2023	
Description: **Structure #60** **Exterior Area** Lead-based painted concrete wall surfaces & fascia.		

Photo No. 7120	**Date:** 4/14/2023	
Description: **Structure #60** **Exterior Area** Lead-based painted concrete soffit.		

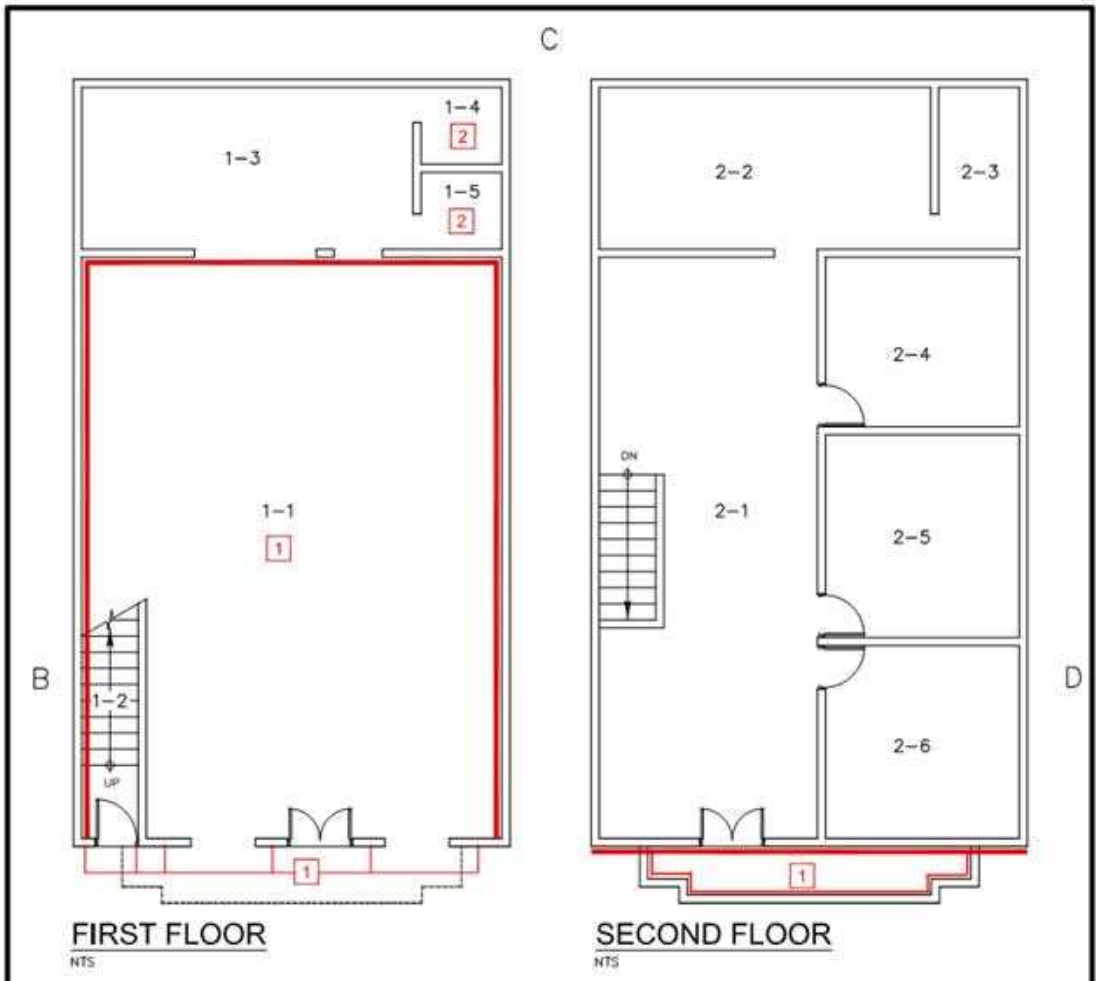
Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 7122	**Date:** 4/14/2023	
Description: **Structure #60** **Exterior Area** Lead-based painted concrete soffit.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with lead based paint and/or components containing lead.

APPENDIX E: LOCATION OF POSITIVE MATERIALS



Graphic Legend:

Concrete Surface

LBP Legend:

1 Concrete Surface

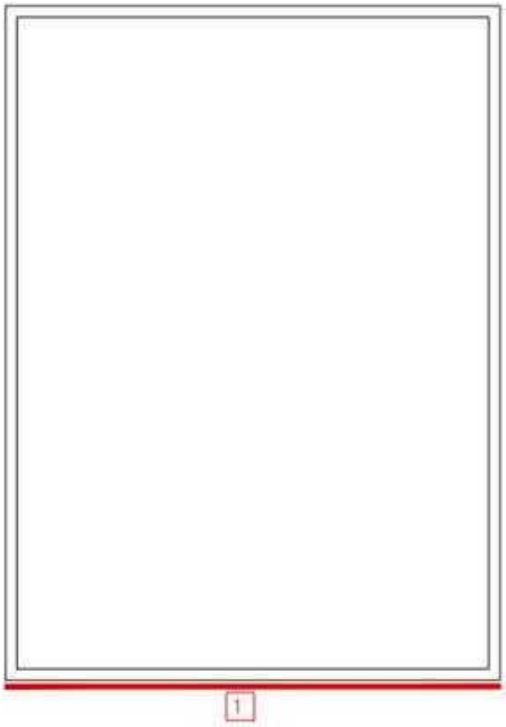
2 Wall Tiles

Note:
The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated April 2023.

Zimmetry Environmental
Environmental Building Inspectors
Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Base Paint Consulting – Phone – Fax (787) 995-0005

Project: #60 Calle Georgetti Comerio, PR	
Date: April 2023	Project No. ZEM-23090
Drawing:	

C



B

D

A

FLOOR PLAN

NTS

Graphic Legend:

Concrete Surface

Lead Legend:

1 Concrete Surfaces & Wooden Transom

Note:

The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated April 2023

Zimmetry Environmental

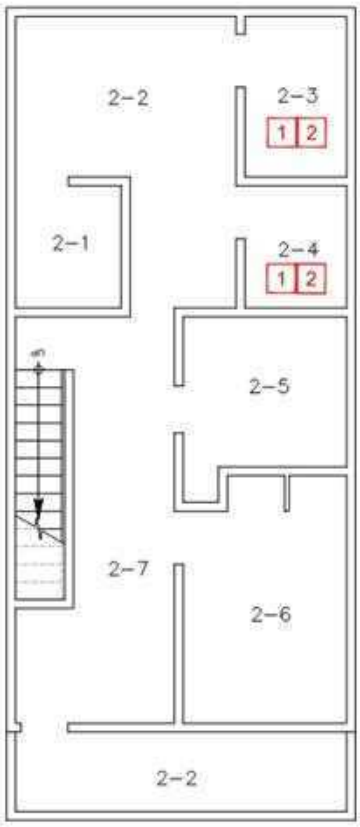
Environmental Building Inspectors

Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Based Paint Consulting – Phone – Fax (787) 995-0005

Project: #75 Georgetti St. Comerío PR.

Date: April, 2023 | Project No: ZEM-23090

C



B

D

A

SECOND FLOOR

NTS

Lead Legend:

1 Wall Tiles

2 Listel

Note:
The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated April 2023.

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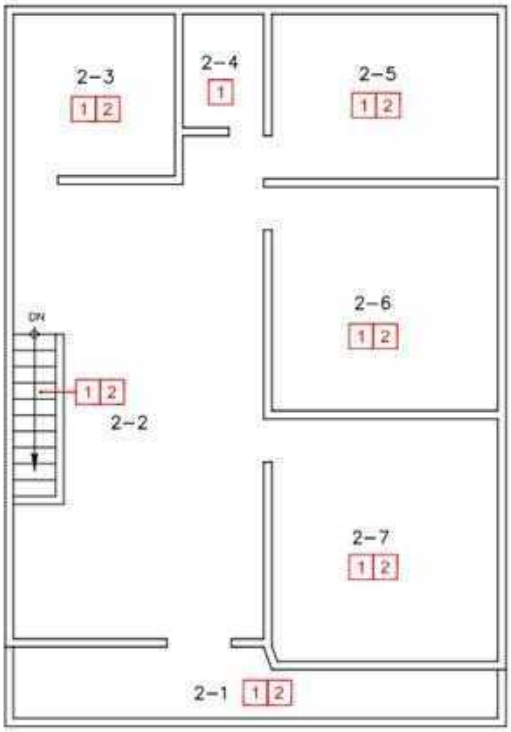
Environmental Building Inspectors
Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Based Paint Consulting – Phone – Fax (787) 995-0005

Project: #77 Georgetti St. Comerío PR.

Date: April 2023 | Project No: ZEM-23090

C



B D

SECOND FLOOR
NTS

A

LBP Legend:

1 Floor Tiles
2 Baseboard

Note:
The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated April 2023.

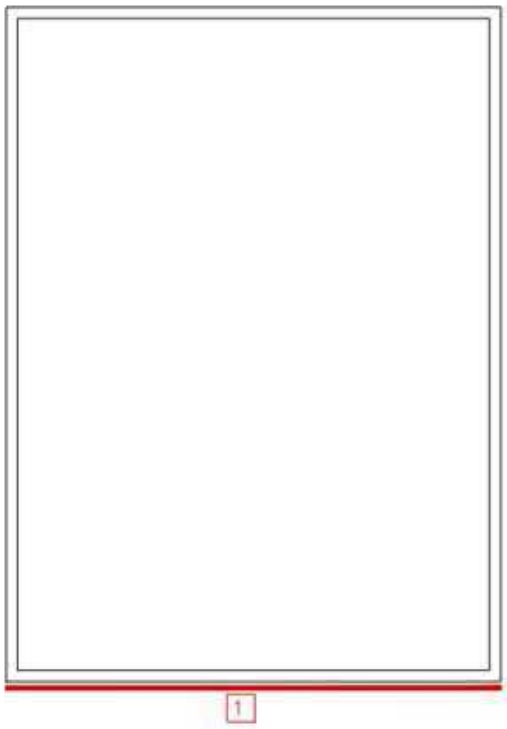
Zimmetry Environmental
Environmental Building Inspectors
Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Base Paint Consulting – Phone – Fax (787) 995-0005

Project: #79 Calle Georgetti Comerio, PR

Date: April 2023 | Project No. ZEM-23090

Drawing:

C



B

D

A

FLOOR PLAN

NTS

Graphic Legend:

Concrete Surface

Lead Legend:

1 Concrete Surfaces

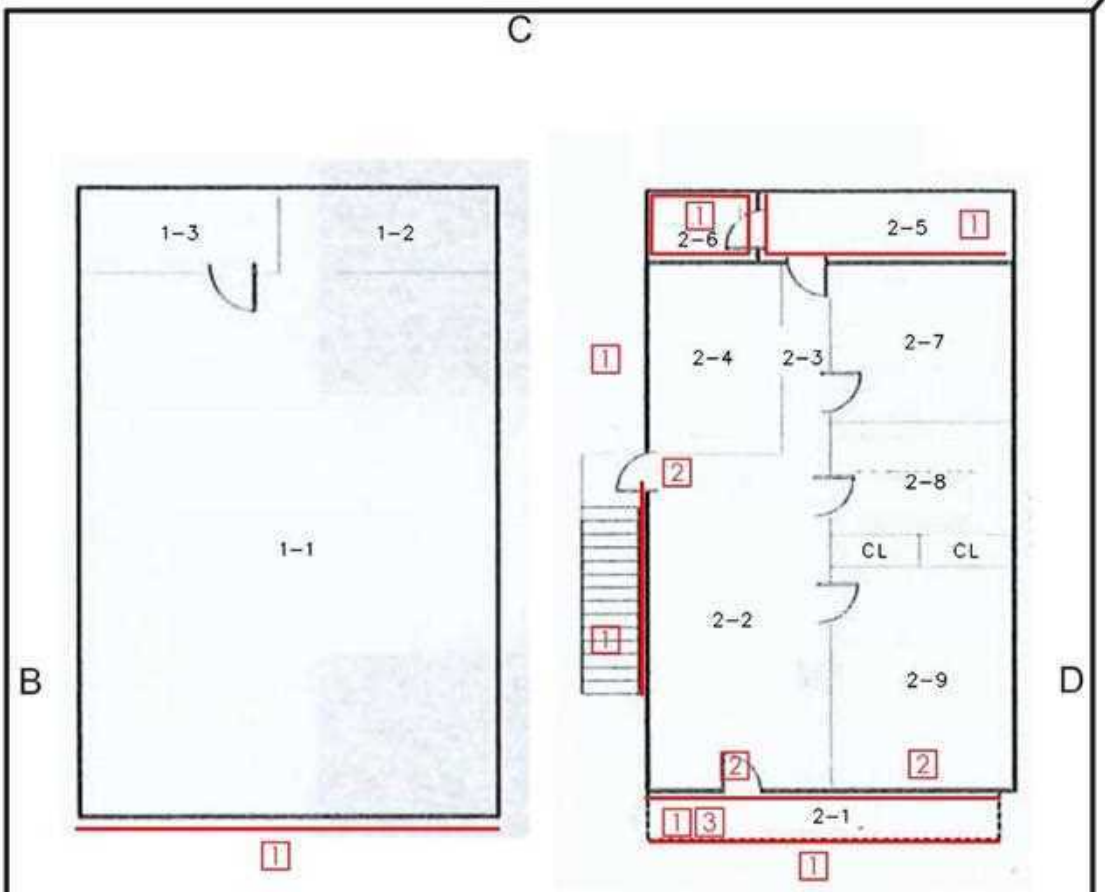
Note:

The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated April 2023

Zimmetry Environmental
Environmental Building Inspectors
Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Based Paint Consulting – Phone – Fax (787) 995-0005

Project: #87 Georgetti St. Comerio PR.

Date: April, 2023 | Project No: ZEM-23090



Graphic Legend:

Concrete Surface

Lead Legend:

1. Wall Surfaces
2. Door
3. Ceiling

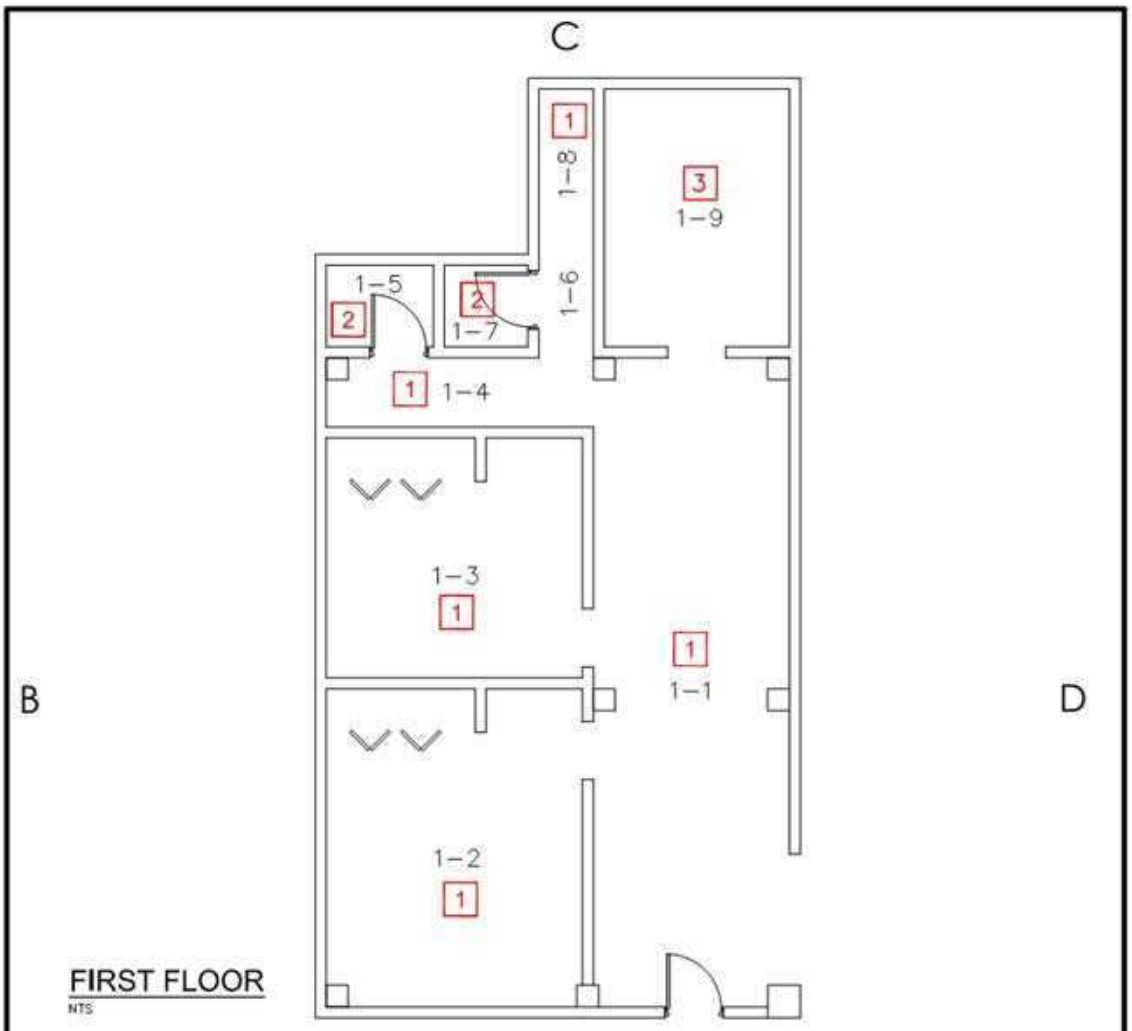
Note:
The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated April 2023.

Zimmetry Environmental
Environmental Building Inspectors
Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Based Paint Consulting – Phone – Fax (787) 995-0005

Project: #91 Georgetti St. Comerio PR.

Date: April, 2023

Project No: ZEM-23090



FIRST FLOOR
NTS

LBP Legend:

1. Floor Tiles
2. Wall Tiles
3. Ceramic Debris

Note:
The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated April 2023.

Zimmetry Environmental
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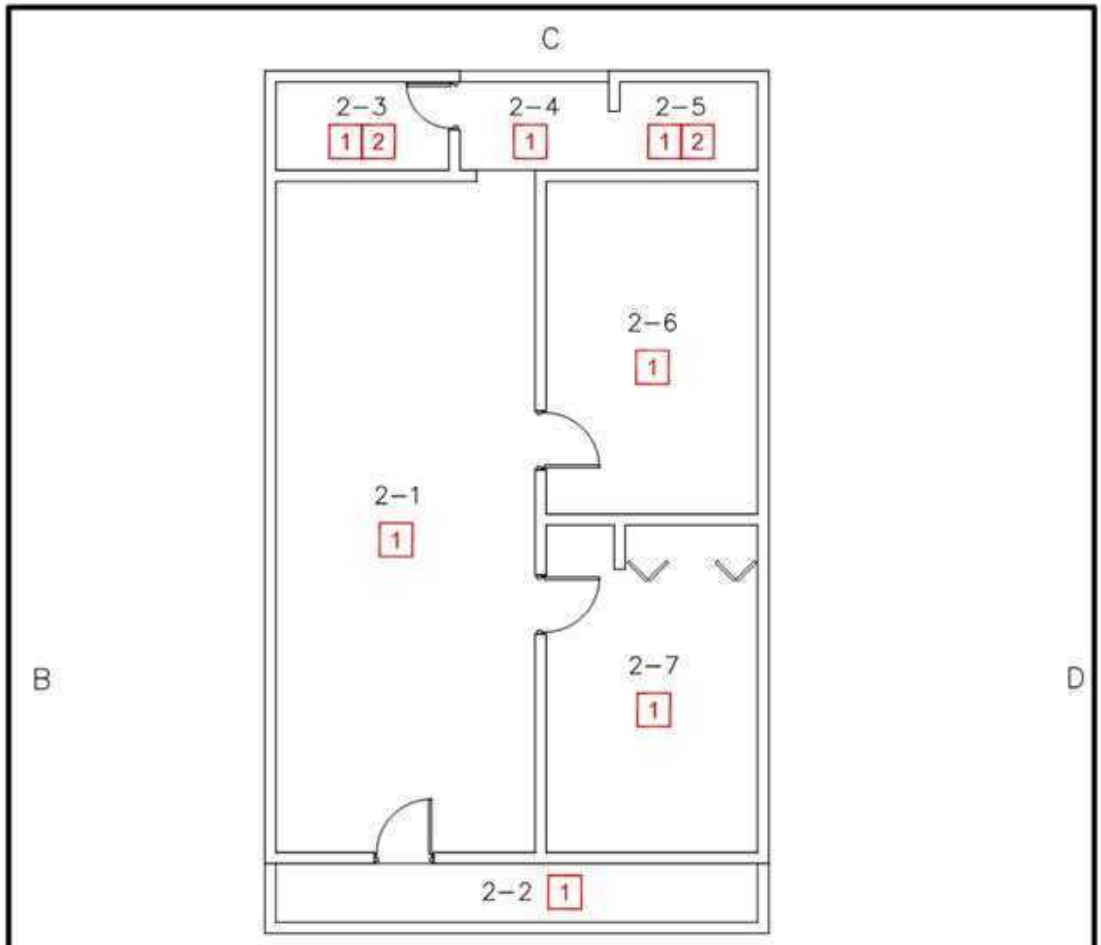
Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Based Paint Consulting – Phone – Fax (787) 995-0005

Project: #93 Calle Georgetti Comerio, PR

Date: April, 2023 | Project No: ZEM-23090



SECOND FLOOR

NTS

LBP Legend:

1. Floor Tiles
2. Wall Tiles
3. Ceramic Debris

Note:
The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated April 2023.

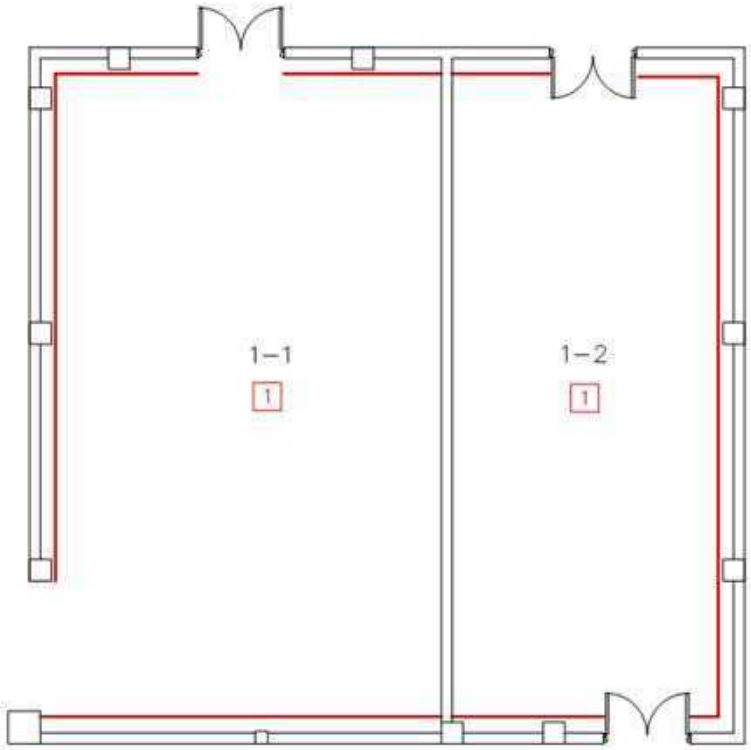
Zimmetry Environmental
Environmental Building Inspectors
Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Base Paint Consulting – Phone – Fax (787) 995-0005

Project: #93 Calle Georgetti Comerio, PR

Date: April 2023 | Project No. ZEM-23090

Drawing:

C



B

D

FLOOR PLAN
NTS

Graphic Legend:

Concrete Surface

LBP Legend:

1 Concrete Surface

A

Note:
The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report dated April 2023.

Zimmetry Environmental
Environmental Building Inspectors
Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Based Paint Consulting – Phone – Fax (787) 995–0005

Project: #95 Georgetti St. Comerío PR.

Date: April, 2023

Project No: ZEM–23090

Attachment 6D – Asbestos Containing Material (ACM) Report

Asbestos Containing Building Materials Inspection Report

Project:

Comerío Waterfront Park Intervention on Georgetti St. from Km 0.01 to 0.03 & Km 31.7 to 31.8, Comerío, Puerto Rico, PR-CRP-000570 Project



Client:
ERB Arquitectos, PSC

ZEM-23207
August 2023

Prepared By:

Zimmetry Environmental Management, Corp.
www.zimmetry.com
info@zimmetry.com

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SECTION 1: EXECUTIVE SUMMARY

1.1 INTRODUCTION

An Asbestos Containing Building Materials (ACBM) inspection was conducted on on August 4, 2023, at Comerio Waterfront Park Intervention on Georgetti St. from Km 0.01 to 0.03 & Km 31.7 to 31.8, Comerio, Puerto Rico, PR-CRP-000570 Project. The asbestos-containing building materials sampling was performed to identify material that contains asbestos fibers above allowable levels and to assist with compliance with local, state, and federal regulations.

1.2 SUMMARY OF PROPERTY EVALUATION

The project consisted of the evaluation of the exterior areas of the aforementioned project. The evaluation found that **no** asbestos-containing materials were identified during the inspection of the areas.

SECTION 2: ASBESTOS CONTAINING MATERIALS SURVEY REPORT

2.1 OVERVIEW OF THE EVALUATION

This asbestos-containing material (ACM) survey is an inspection to identify the location of any ACM that exists within. Throughout the inspection, no asbestos-containing materials were identified in the assessed areas.

The inspection was conducted by the Department of Natural and Environmental Resources (DRNA) of Puerto Rico and the United States Environmental Protection Agency (USEPA) accredited Inspectors qualified by experience, education, and training in the recognition of potential ACM and approved bulk sampling techniques. Some areas may not have been directly accessible due to the physical hazards encountered within. In these areas, assumptions based on findings in other areas were made whenever possible. These assumptions are duly noted as such in this report.

The inspection was performed following Environmental Protection Agency recommended procedures found in EPA-450/2-78-014 (Parts I and II), EPA 560/5-85-024, and 40 CFR 763. These procedures call for the visual inspection of the building for suspect friable material and the collection and analysis of representative samples of suspect material.

2.2 CONDITIONS AND LIMITATIONS—DISCLAIMER

Zimmetry Environmental Management Corp. has performed this asbestos-containing building materials inspection thoroughly and professionally consistent with commonly accepted industry standards. The Preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this project on the date of the evaluation.

The results reported and conclusions reached by the Preparer are solely for the benefit of the Owner and occupants. The results and opinions in this report, based solely on the conditions found at the project on the date of the evaluation, are valid only on that date. The Preparer assumes no obligation to advise the client of any changes in any real or potential asbestos hazards at this structure beyond the date of the project evaluation.

The Asbestos Containing Building Materials inspection was performed to ready accessible components and surfaces. If suspected components that could contain asbestos are encountered, they shall be managed as containing asbestos until the appropriate laboratory analysis is performed.

2.3 ENVIRONMENTAL ASSESSMENT REPORT CERTIFICATION

Zimmetry Environmental Management Corp. has performed this asbestos-containing building materials inspection thoroughly and professionally consistent with commonly accepted industry standards. The inspection was conducted on August 4, 2023, by Miguel Peña, state-certified inspector ASB-1122-0402-SI, qualified by experience, education, and training in the recognition of asbestos-containing materials and approved sampling techniques.

Miguel Peña
Environmental Building Consultant

SECTION 3: APPENDICES

Appendix A: Certifications, Licenses, and Accreditations

Appendix B: Certification of No Presence of Asbestos (Form PGC-009)

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Miguel A. Peña Ruiz

Inspector

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

ASB-1122-0402-SI
Número de Registro

30-oct-2023
Fecha de vencimiento

Firma Autorizada - Departamento Recursos Naturales y Ambientales

APPENDIX B: CERTIFICATION OF NO PRESENCE OF ASBESTOS (FORM PGC-009)

GOBIERNO DE PUERTO RICO
OFICINA DEL GOBERNADOR
JUNTA DE CALIDAD AMBIENTAL

Área de Calidad de Agua

OGPe
Oficina de Gerencia de Permisos

Forma PGC-009

CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PGC-_____
PARA USO OFICIAL

Yo, Miguel Peña (Nombre), mayor de edad, casado (Estado Civil), y vecino Bayamón (Municipio)

Dirección Postal PO Box 3545 Bayamón (Pueblo) 00958 (Zip Code)

Teléfonos: Residencial (787) 550 - 2061 Oficina (787) 995 - 0005 Ext._____

Fax (787) 995 - 0005

Certifico que:

1. La estructura localizada en Km 0.01 to 0.03 & Km 31.7 to 31.8, Comerío, Puerto Rico, (Comerío Waterfront Park Intervention on Georgetti St., from PR-CRP-000570 Project), 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 Bayamón (Municipio) de Puerto Rico, hoy día 15 de agosto de 2023



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

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

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

PUERTO RICO VERDE

CERTIFICATION



TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Miguel A. Peña Ruiz

Inspector

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

ASB-1122-0402-SI
Número de Registro

30-oct-2023
Fecha de vencimiento

Firma Autorizada - Departamento Recursos Naturales y Ambientales

Asbestos Containing Building Materials Inspection Report

Project:

Multiple Structures at Georgetti St.
Km. 0.01 to Km. 0.03 &
Km. 31.7 to Km. 31.8,
Comerío, PR

Client:
Municipality of Comerío

ZEM-23090
May 2023

Prepared By:

Zimmetry Environmental Management, Corp.
www.zimmetry.com
info@zimmetry.com

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SECTION 1: EXECUTIVE SUMMARY

1.1 INTRODUCTION

An Asbestos Containing Building Materials (ACBM) Inspection was conducted on April 3, 2023 and April 14, 2023 at Multiple Structures at Georgetti St.Km. 0.01 to Km. 0.03 & Km. 31.7 to Km. 31.8 in Comerío, Puerto Rico. The asbestos containing building materials sampling was performed to identify material that contains asbestos fibers above allowable levels and to assist with the compliance of local, state and federal regulations.

Structures included in the inspection were the following:

- #75 Georgetti St., Comerío PR
- #77 Georgetti St., Comerío PR
- #79 Georgetti St., Comerío PR
- #60 Georgetti St., Comerío PR
- #87 Georgetti St., Comerío PR
- #91 Georgetti St., Comerío PR
- #93 Georgetti St., Comerío PR
- #95 Georgetti St., Comerío PR

1.2 SUMMARY OF PROPERTY EVALUATION

The project consisted of the evaluation of the interior and exterior of the aforementioned strcutures. The evaluation found that asbestos fibers were present at the selective materials. For specific locations and additional details on the location of ACBM reference Sections 2 and 3. If suspected components and surfaces that were not previously evaluated are identified in the facilities they shall be considered as containing asbestos until the appropriate analysis is performed.

1.3 PROPERTY LOCATIONS OF BUILDING COMPONENTS WITH ASBESTOS

Table 1-1 summarizes the structures components containing asbestos fibers. Details that identify positive asbestos findings within specific areas and on surfaces were provided in the Asbestos Sampling inspection report, Section 2. The quantification of positives materials presented in Table 1-1 is only an estimate. If an abatement of the materials will be conducted the Contractors shall estimate the amount of materials to be abated. If homogeneous materials that were not accounted for are identified in areas that are not described they shall be managed as asbestos containing material.

Table 1-1: Summary of Building Components Containing Asbestos

Structure	Location (Area)	Component	Amount (Approx.)
77	2-3	Black Under Sink Mastic	1 Unit

SECTION 2: ASBESTOS CONTAINING BUILDING MATERIALS INSPECTION REPORT

2.1 OVERVIEW OF THE EVALUATION

This ACBM inspection is an evaluation to identify the location of material containing asbestos that exist within. Our scope of work services for this project consisted of the following tasks.

- A walk-through and observation of the site was performed.
- Bulk sampling of Suspected ACBM within the structure.
- Polarized Light Microscopy (PLM) Analysis of bulk samples.
- Final Inspection Report.

Throughout the inspection the following suspected ACBM were observed and sampled:

- Ceramic Grout
- Under Sink Mastic
- Vinyl Tiles

The sampling was conducted by the Department of Natural and Environmental Resources (DRNA) of Puerto Rico and United States Environmental Protection Agency (USEPA) accredited Inspectors qualified by experience, education and training in the recognition of potential ACBM and approved bulk sampling techniques. Some areas may not have been directly accessible due to the physical hazards encountered within. In these areas, if any, assumptions based on findings in other areas were made whenever possible. These assumptions, if any, are duly noted as such in this report.

The inspection was performed in accordance with Environmental Protection Agency recommended procedures found in EPA-450/2-78-014 (Parts I and II), EPA 560/5-85-024, and 40 CFR 763. These procedures call for the visual inspection of the building for suspect friable material and collection and analysis of representative samples of suspect material.

2.2 SAMPLING PROCEDURE AND RESULTS PRESENTATION

The bulk sampling procedures utilized for the collection of the ACBM, required the establishment of homogeneous sampling areas. A homogeneous sampling area is defined as an area of friable or non-friable material of similar type that appears to be applied or constructed during the same time period.

Samples collected from these predetermined homogeneous sampling areas were labeled and transported for analysis. Sample locations were identified by their current use or functional space name. Each type of asbestos displays a unique property when subject to PLM. Properties are unique to crystalline asbestos form and; therefore, can be used to identify the type of asbestos mineral as chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite.

Percentage of each asbestos mineral type is determined by visual estimation, by mixing the sample thoroughly to provide a more accurate percentage. Any material containing over one percentage (>1%) by weight of any type of asbestos mineral forms is considered by the USEPA to be asbestos containing material; and if disturbed, it must be handled according to specific State and Federal Regulations.

Seven (7) samples of suspected materials were collected. It is our opinion that an acceptable minimum number of critical areas were sampled in keeping with the homogeneous nature of much of the material that was observed. Non-destructive sampling techniques were used. If they exist, walls, ceilings, columns and other inaccessible areas were not broken into. It should be noted that these inaccessible areas may contain ACBM which was not observed during the inspection. Any future construction or renovation should anticipate the presence of these materials.

The samples were received and analyzed by Analytical Environmental Services, Inc. in Atlanta GA (Certified Proficient by the National Institute of Science and Technology NVLAP program for bulk sample asbestos analysis; Laboratory Id 102082-0). The method of analysis was polarized light microscopy with dispersion staining, as recommended by the US EPA. This survey focused on the building materials, which are present throughout the interior and exterior of the building structure.

2.3 FINDINGS AND RECOMMENDATIONS

2.3.1 INTRODUCTION

This section describes the asbestos containing building materials (ACBM), which were observed in the inspection. Please note that the recommendations given are always the minimum action, which in our professional judgment should be taken.

There was one type of Asbestos Containing Building Materials found within the evaluated structures:

- Black Under Sink Mastic

If these materials are to be removed they should be managed and disposed by a licensed asbestos contractor and disposed of as contaminated waste in as approved asbestos landfill site.

2.3.2 SPECIFIC FINDINGS

The following ACBM were found to contain more than one percent (1%) of asbestos by weight and are listed according to their homogeneous area:

1. **Black Under Sink Mastic Sample**: 23090-07

   These materials are in a non-friable condition and the analytical result was 3% Chrysotile asbestos.

2.3.3 HOMOGENEOUS AREAS WITH SPECIAL CONSIDERATIONS

NONE

2.3.4 SUSPECT MATERIALS PRESUMED TO BE ASBESTOS-CONTAINING MATERIALS WITHOUT LABORATORY ANALYSIS

NONE

2.3.5 INACCESSIBLE AREAS

NONE

2.4 CONDITIONS AND LIMITATIONS—DISCLAIMER

Zimmetry Environmental Management Corp. has performed this asbestos containing building materials inspection in a thorough and professional manner consistent with commonly accepted industry standards. The Preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting these structures on the dates of the evaluation. If suspected materials are identified they shall be managed as containing asbestos until the appropriated laboratory analysis is performed. The quantification of positives materials presented in the table 1-1 is only an estimate. If an abatement of the materials will be conducted the Contractors shall estimate the amount of the materials to be abated.

The results reported and conclusions reached by the Preparer are solely for the benefit of the Owner and occupants. The results and opinions in this report, based solely on the conditions found at the structures on the dates of the evaluation, are valid only on those dates. The Preparer assumes no obligation to advise the client of any changes in any real or potential asbestos hazards at this structure beyond the dates of the structures evaluation.

2.5 ABATEMENT CONDITIONS

The US Environmental Protection Agency rules concerning the application, removal, and disposal of Asbestos Containing Building Materials (ACBM) were issued under the asbestos NESHAP (U.S. EPA National Emission Standards of Hazardous Air Pollutants, 40 CFR 61 Subpart M, October 30, 1987). The asbestos **N.E.S.H.A.P.** regulation governs asbestos demolition and renovation projects in all facilities. The NESHAP rule usually requires owners or operators to have all friable ACBM removed before a building is demolished, and may require its removal before a renovation. The Department of Natural and Environmental Resources (DRNA) of Puerto Rico requires inspecting the presence of Asbestos Containing Materials prior to buildings demolitions.

If the identified materials are to be removed, they should be managed following the work practices and procedures for the removal and disposal of asbestos containing materials by a licensed asbestos contractor and disposed of as contaminated waste in as approved asbestos landfill site. The Contractor shall comply with all the Department of Natural and Environmental Resources (DRNA) of Puerto Rico requirements. The Contractor has to submit to the DRNA the abatement work plan for its approval. The asbestos abatement is classified Class II for the miscellaneous materials by OSHA, which includes the abatement, packing and storage of asbestos. The abatement has to be performed without damaging any structure or adjacent area and protecting the safety and health of the employees and the general public.

2.6 ENVIRONMENTAL ASSESSMENT REPORT CERTIFICATION

Zimmetry Environmental Management Corp. has performed this asbestos containing building materials inspection in a thorough and professional manner consistent with commonly accepted industry standards. The ACBM inspection was performed on April 3, 2023 and April 14, 2023 by Melanie Bermudez, ASB-0422-0131-SI; and Alicia García, ASB-0822-0283-SI, both qualified by experience, education and training in the recognition of asbestos containing materials and approved sampling techniques.

Melanie Bermúdez Encarnación, BSc
Environmental Asbestos Inspector

Alicia García Justiniano, MSc
Environmental Asbestos Inspector

SECTION 3: APPENDICES

Appendix A: Certifications, Licenses and Accreditations

Appendix B: Laboratory Results & Chain of Custody

Appendix C: Photographic Record

Appendix D: Location of Positive Materials

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Melanie Bermúdez Encarnación

Inspector

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

Firma Autorizada - Departamento Recursos Naturales y Ambientales

ASB-0422-0131-SI
Número de Registro

14-abr-2023
Fecha de vencimiento



TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Alicia Garcia Justiniano

Inspector

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

Firma Autorizada - Departamento Recursos Naturales y Ambientales

ASB-0822-0283-SI
Número de Registro

31-jul-2023
Fecha de vencimiento

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



United States Department of Commerce
National Institute of Standards and Technology

NVLAP® ilac-MRA

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 102082-0

Analytical Environmental Services, Inc.
Atlanta, GA

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

Asbestos Fiber Analysis

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

2022-10-01 through 2023-09-30
Effective Dates

For the National Voluntary Laboratory Accreditation Program

APPENDIX B: LABORATORY RESULTS AND CHAIN OF CUSTODY

2304742

ZIMMETRY ENVIRONMENTAL MANAGEMENT CORP.
PO BOX 3545 BAYAMÓN, PR 00958
(787)376-9010 Phone (787)995-0005 Fax
email: hpena@zimmetry.com Web: www.zimmetry.com

Analytical Environmental Services, Inc.
Accounts Receivable
3080 Presidential Drive, Atlanta GA 30340-3704
Phone (770) 457-8177 Fax (770) 457-8188

CHAIN OF CUSTODY
BULK ASBESTOS SAMPLE

Project Name: Comerio Municipality, Georgetti St. Properties
Project Location: Comerio, PR
Project Number: ZEM-23090
Contact: Harry Peña
Samplers Name: Melanie Bermudez
Sampling Date: 4/3/2023

	Sample ID	Sample Description	Sample Location	Analysis Requested	Turnaround Time	Comments	For AES Use Only
1	23090-01	Cream Vinyl Tile (12x12)	Area 1-3, Structure #95	PLM	Regular	5 Days	
2	23090-02	Cream Vinyl Tile (12x12)	Area 1-5, Structure #95	PLM	Regular	5 Days	
3	23090-03	Ceramic Grout	Area 1-9, Structure #93	PLM	Regular	5 Days	
4	23090-04	Ceramic Grout	Area 1-9, Structure #93	PLM	Regular	5 Days	
5	23090-05	White Undersink Mastic	Area 1-1, Structure #91	PLM	Regular	5 Days	
6	23090-06	Black Undersink Mastic	Area 2-4, Structure #91	PLM	Regular	5 Days	
7	23090-07	Black Undersink Mastic	Area 2-3, Structure #77	PLM	Regular	5 Days	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Relinquished by: Melanie Bermudez E. Date/Time: 4/4/2023 15:00

FOR LAB USE ONLY

Lab Recipient: Date/Time: 4.5.23 945 Method of Shipment: Fedex

AES
3080 Presidential Drive
Atlanta,GA 30340
Tel :(770) 457-8177
Fax:(770) 457-8188

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report

NVLAP TESTING NVLAP LAB CODE 102082-0

Report Date: 11-Apr-23

Client Name: **Zimmetry Environmental Mgmt Corp.** AES Job Number: **2304742**

Project Name: **COMERIO MUNICIPALITY, GEORGETTI ST. PRO** Project Number: **ZEM-23090**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
23090-01 Layer: 1	2304742-001A	CREAM VINYL TILE (12x12)	ND	ND	ND	ND	ND	ND	Floor tile
23090-01 Layer: 2	2304742-001A	CREAM VINYL TILE (12x12)	ND	ND	ND	ND	ND	ND	Glue
23090-02 Layer: 1	2304742-002A	CREAM VINYL TILE (12x12)	ND	ND	ND	ND	ND	ND	Floor tile
23090-02 Layer: 2	2304742-002A	CREAM VINYL TILE (12x12)	ND	ND	ND	ND	ND	ND	Glue
23090-03 Layer: 1	2304742-003A	CERAMIC GROUT	ND	ND	ND	ND	ND	ND	
23090-03 Layer: 2	2304742-003A	CERAMIC GROUT	ND	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

AES,Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis, Lab Code 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 600/M4-82-020), 1982 as found in 40 CFR, Part 763, Appendix E to Subpart E and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116), 1993.

These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume.

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials, quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.

This report must not be reproduced except in full without written approval of Analytical Environmental Services, Inc.

Microanalyst: Yelena Khanina

QC Analyst: Svetlana Arkhipov

AES
3080 Presidential Drive
Atlanta,GA 30340
Tel :(770) 457-8177
Fax:(770) 457-8188

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report

NVLAP TESTING NVLAP LAB CODE 102082-0

Report Date: 11-Apr-23

Client Name: **Zimmetry Environmental Mgmt Corp.** AES Job Number: **2304742**

Project Name: **COMERIO MUNICIPALITY, GEORGETTI ST. PRO** Project Number: **ZEM-23090**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
23090-04 Layer: 1	2304742-004A	CERAMIC GROUT	ND	ND	ND	ND	ND	ND	
23090-04 Layer: 2	2304742-004A	CERAMIC GROUT	ND	ND	ND	ND	ND	ND	
23090-05 Layer: 1	2304742-005A	WHITE UNDERSINK MASTC	ND	ND	ND	ND	ND	ND	
23090-06 Layer: 1	2304742-006A	BLACK UNDERSINK MASTIC	ND	ND	ND	ND	ND	ND	
23090-07 Layer: 1	2304742-007A	BLACK UNDERSINK MASTIC	3	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

AES,Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis, Lab Code 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 600/M4-82-020), 1982 as found in 40 CFR, Part 763, Appendix E to Subpart E and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA-600/R-93/116), 1993.

These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume. PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials, quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.

This report must not be reproduced except in full without written approval of Analytical Environmental Services, Inc.

Microanalyst: Yelena Khanina

QC Analyst: Svetlana Arkhipov

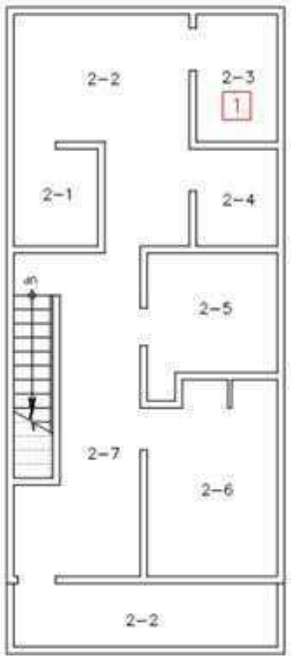
APPENDIX C: PHOTOGRAPHIC RECORD

Photo No. 6984	**Date:** 4/3/2023	
Description: **Structure #77** **Area 2-3** Asbestos containing black under sink mastic		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with asbestos.

APPENDIX D: LOCATION OF POSITIVE MATERIALS

C



B

D

SECOND FLOOR

NTS

Asbestos Legend:

1 Under Sink Mastic

A

Note:

The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the asbestos survey report

Zimmetry Environmental

Environmental Building Inspectors

Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Based Paint Consulting – Phone – Fax (787) 995-0005

Project: #77 Georgetti St. Comerío PR.

Date: April, 2023 | Project No: ZEM-23090

Attachment 6E – Phase I Environmental Site Assessment

Phase I Environmental Site Assessment

Project:

Propiedades Ventana al Río
Calle Georgetti Km 0.01-0.03
y Km 31.7-31.8, Comerío, PR 00682



Client:
Municipio Autónomo de Comerío

ZEM-22224
November 2022

Prepared By:

Zimmetry Environmental Management, Corp.
www.zimmetry.com
info@zimmetry.com

EXECUTIVE SUMMARY

Zimmetry Environmental Management is pleased to present this Phase I Environmental Site Assessment (ESA) report. Presented below is an overview of the project, including a summary of our significant findings:

Property Name (Subject Property):	Propiedades Ventana al Río, Comerío PR
Subject Property Address (or Other Physical Location Description):	Calle Eduardo Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío PR 00782 • Properties #75, #77, #79, #60, #87, #91, #93 & #95
Subject Property and Area Description:	The Subject Property is located at the address Calle Eduardo Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, PR (see Figure 1 – Location Map in Appendix A). At the time of this evaluation, the property consisted of an area of residential and commercial spaces. The current uses of the adjoining properties are North: commercial and residential spaces and Eduardo Georgetti Street, South: Rio La Plata, East, and West: commercial and residential spaces. The Subject Property consists of a superficial area of 1,242.82 square meters, located at Calle Eduardo Georgetti in the Municipality of Comerío, Puerto Rico.
Observed Current Subject Property Use/Operations:	At the moment of this assessment, October 24, 2022, the property consisted of an area of residential and commercial spaces.

Year	Summary of Subject Property History
Before present	Residential and commercial spaces

CONCLUSIONS
Zimmetry has performed a Phase I ESA of the site located at Calle Eduardo Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, PR. The Phase I ESA was performed in accordance with the standard of care of an Environmental Professional and in general conformance with the scope and limitations of ASTM Practice E1527-21. No warranties express or implied, are made. Zimmetry has, in the course of this inquiry, attempted to identify and review commonly known or reasonably ascertainable information about the Subject Property that is relevant to evaluating the presence of RECs or HRECs. Any exceptions to, or deletions from, this practice are described in the Data Gap Section of this report together with an opinion regarding the significance of these data gaps. It is Zimmetry' s opinion that no recognized environmental conditions (RECs) are identified in connection with the Subject.

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1.0 INTRODUCTION

1.1 SUBJECT PROPERTY NAME AND LOCATION

Subject Property Name:	Propiedades Ventana al Río, Comerío PR
Street Address (or Other Physical Subject Property Location Description):	Calle Eduardo Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío PR 00782 • Properties #75, #77, #79, #60, #87, #91, #93 & #95

Figure 1 in Appendix A presents a map showing the location of the Subject Property and the general vicinity within an approximately 1-mile radius. Subject Property photographs taken during the site reconnaissance are included in Appendix B.

1.2 CONTACT INFORMATION

Client (User):	Municipio Autónomo de Comerío Calle José de Diego #13, Comerío PR
Key Site Manager:	Liliana Rivera Cotto Asistente Administrativa Gerencia de Proyectos
Date Project Authorized:	October 6, 2022

1.3 OBJECTIVE

This Phase I Environmental Site Assessment (ESA) has been completed by the practices identified in the ASTM *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM Designation E1527-21.

The objective of this Phase I ESA was, to the extent feasible under the process outlined in E1527-21 to identify the following in connection with the Subject Property:

- Recognized Environmental Conditions (RECs) or Historical Recognized Environmental Conditions (HRECs). As defined in E1527-21, a REC is:

  "The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or the ground, groundwater, or surface water of the

property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions determined to be de minimis are not RECs."

As defined in E1527-21, an HREC is:

"An environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the environmental professional and will be influenced by the current impact of the historically recognized environmental condition on the property. If a past release of any hazardous substances or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered a historical recognized environmental condition and included in the findings section of the Phase I Environmental Site Assessment report. The environmental professional shall provide an opinion of the current impact on the property of this historically recognized environmental condition in the opinion section of the report. If this historically recognized environmental condition is determined to be a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted, the condition shall be identified as such and listed in the conclusions section of the report."

- Conditions that may present a human health risk to current or future users of the Subject Property. Such conditions may or may not be classified as RECs and could also represent the risk of reduction of property value, and/or pose a reputation risk to parties associated with the Subject Property.

- Conditions indicating environmental regulatory compliance issues, to the extent they could impact the value of the property and are reflective of property owner obligations. Such conditions may or may not be classified as RECs, and could also represent a risk of reduction of property value, and/or pose a reputation risk to parties associated with the Subject Property.

All of these factors have been considered in the context of the risk profile of the pending financing transaction, as described to Zimmetry by Municipio Autónomo de Comerío

.

1.4 SCOPE OF WORK, SIGNIFICANT ASSUMPTIONS, TERMS, AND CONDITIONS

The scope of work, significant assumptions, and terms and conditions applicable to this Phase I ESA are identified in the following documents:
ASTM Designation E1527-21
Statement of Limitations presented in Appendix C of this report

1.5 RELIANCE

This report was prepared for the exclusive use of the following:
Municipio Autónomo de Comerío

No other person or entity may rely on the information presented in the report without the expressed written consent of Zimmetry. Any use of this Phase I ESA report constitutes acceptance of the terms and conditions under which it was prepared. Zimmetry's responsibility extends only to its client and Zimmetry is not liable or responsible to any other parties who may obtain the Phase I ESA report.

2.0 USER-PROVIDED INFORMATION

Before initiating the site reconnaissance, Zimmetry requested information relevant to the performance of this Phase I ESA from the User of this report. The significant information provided is summarized below.

Information on Environmental Cleanup Liens on the Subject Property:	No Environmental Liens were reported for the Subject Property.
Information on Subject Property Activity or Use Limitations (including Institutional and Engineering Controls):	Unknown
Specialized Knowledge or Experience on the Part of the User:	Unknown
Commonly Known or Reasonably Ascertainable Information About Subject Property	
1) Past Uses	Residential and commercial spaces
2) Current or former presence of chemicals, hazardous substances, or petroleum products	Unknown
3) Spills or releases of chemicals, hazardous substances, or petroleum products	Unknown
4) Environmental cleanups	Unknown
5) Obvious indicators of contamination	Unknown
Reason Why the User Wants to Have the Phase I ESA Performed:	Due Diligence
Type of Transaction:	Due Diligence

2.1 RELATIONSHIP OF PURCHASE PRICE TO VALUE OF PROPERTY

ASTM E1527-21 requires that persons seeking defense to or protection from liability under CERCLA must take into account the relationship of the purchase price to the fair market value of the property if it were not contaminated, to assess whether or not any such price differential is due to the presence of releases or threatened releases of hazardous substances. This portion of the inquiry is the responsibility of the User, and the User has the option of sharing or not sharing this information with the Environmental Professional performing the Phase I ESA.

Zimmetry has not performed any independent evaluation of the purchase price of the property and its relationship to fair market value. No information relative to this matter has been provided to Zimmetry by Municipio Autónomo de Comerío.

2.2 PREVIOUS ENVIRONMENTAL REPORTS

The following previous environmental reports and other pertinent documents were provided to Zimmetry for review by Municipio Autónomo de Comerío:

Document	Brief Description
No previous environmental reports were provided.	No specific environmental information was reported by Municipio Autónomo de Comerío.

3.0 SUBJECT PROPERTY AND AREA RECONNAISSANCE

The site reconnaissance was conducted by Harry Peña MSEM and Dilia Rosado MEM on October 24, 2022.

3.1 SITE RECONNAISSANCE METHODOLOGY

Zimmetry utilized the following methodology to observe the Subject Property:
Traverse the outer Subject Property boundary.
Traverse transects across the Subject Property.
Traverse the periphery of all structures on the Subject Property.
Visually observe accessible interior areas expected to be used by occupants or the public, and a representative sample of occupied spaces.

3.2 GENERAL DESCRIPTION

Subject Property and Area Description:	The Subject Property is located at the address Calle Eduardo Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, PR (see Figure 1 – Location Map in Appendix A). At the time of this evaluation, the property consisted of an area of residential and commercial spaces. The current uses of the adjoining properties are North: commercial and residential spaces and Eduardo Georgetti Street, South: Rio La Plata, East, and West: commercial and residential spaces. The Subject Property consists of a superficial area of 1,242.82 square meters, located at Calle Eduardo Georgetti in the Municipality of Comerío, Puerto Rico.
Structures, Roads, and Other Improvements:	The subject property consists of residential and commercial spaces.
Subject Property Size (square meters):	The Subject Property consists of a superficial area of 1,242.82 square meters.
Estimated % of Subject Property Covered by Buildings and/or Pavement:	100%

Observed Current Subject Property Use/Operations:	Residential and commercial spaces.
Observed Evidence of Past Subject Property Use(s):	None observed
Sewage Disposal Method (and age):	The Subject Property is connected to PRASA.
Potable Water Source:	The Subject Property is connected to the municipal water system operated by the Puerto Rico Aqueduct and Sewer Authority.
Electric Utility:	Luma Energy, LLC

3.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

Zimmetry made the following visual and/or physical observations during the site reconnaissance and/or identified the following information about hazardous substances at the Subject Property during the interview or records review portions of the assessment:

Observation	Description
Hazardous Substances and Petroleum Products:	No hazardous materials or wastes were observed during the site reconnaissance.
Drums (≥ 5 gallons):	No drums were observed in the subject area.
Hazardous Waste:	No used oil and used solvents are generated at the Subject Property.
Strong, Pungent, or Noxious Odors:	No odors were noted throughout the subject property area.
Pools of Liquid:	No pools of oily water were observed throughout the subject property area.
Unidentified Substance Containers:	No unlabeled drums were observed throughout the subject property area.
PCB-Containing Equipment:	No signs of PCBs were observed at the Subject Property.
Other Observed Evidence of Hazardous Substances or Petroleum Products:	None

3.4 INTERIOR OBSERVATIONS

Zimmetry made the following observations during the site reconnaissance of the building interiors at the Subject Property and/or identified the following information during the interview or records review portions of the assessment:

Observation	Description
Heating/Cooling Method:	None observed
Surface Stains or Corrosion:	None observed
Floor Drains and Sumps:	None observed
Other Interior Observations:	None

3.5 EXTERIOR OBSERVATIONS

Zimmetry made the following observations during the site reconnaissance of exterior areas of the Subject Property and/or identified the following information during the interview or records review portions of the assessment:

Observation	Description
On-site Pits, Ponds, or Lagoons:	None observed
Stained Soil or Pavement:	None observed
Stressed Vegetation:	None observed
Waste Streams and Waste Collection Areas:	None observed
Solid Waste Disposal:	None observed
Potential Areas of Fill Placement:	No mounds, piles, or depressions suggesting the placement of fill material were observed on the Subject Property.
Wastewater:	None observed
Stormwater:	No potential off-site sources of stormwater were observed.
Wells:	No wells were observed.
Septic Systems:	None observed
Other Exterior Observations:	Floor Drains and Sumps

3.6 UNDERGROUND STORAGE TANKS/STRUCTURES

Existing USTs:	None observed
Former USTs:	None reported
Other Underground Structures:	None observed.

3.7 ABOVEGROUND STORAGE TANKS

Existing ASTs:	None observed
Former ASTs:	None reported

3.8 ADJOINING PROPERTIES

3.8.1 Current Uses of Adjoining Properties

As viewed from the Subject Property and/or from public rights-of-way, Zimmetry made the following observations about the use and activities on adjoining properties:

North:	Commercial and residential spaces and Eduardo Georgetti Street
South:	Rio La Plata
East:	Commercial and residential spaces
West:	Commercial and residential spaces

3.8.2 Observed Evidence of Past Uses of Adjoining Properties

Observations of adjoining properties providing indications of past use and activities, if any, are described below.

North:	None observed
South:	None observed
East:	None observed
West:	None observed

3.8.3 Pits, Ponds, or Lagoons on Adjoining Properties

As viewed from the Subject Property and/or from public rights-of-way, Zimmetry made the following observations about the presence of pits, ponds, and lagoons on adjoining properties:

North:	None observed
South:	None observed
East:	None observed
West:	None observed

3.9 OBSERVED PHYSICAL SETTING

Topography of the Subject Property and Surrounding Area:	The general topographic slope across the Subject Property is to the east.

3.10 SUMMARY OF FINDINGS FROM SITE RECONNAISSANCE

Based on the observations and data described above, the reconnaissance of the Subject Property and surrounding area did not identify evidence of a REC or HREC except the following:

1. There are no recognized environmental conditions on this property. Based on the stated finding, no further investigation work is recommended. There is no known environmental liability to limit or condition a sale-purchase transaction or refinancing regarding this parcel of land. This conclusion is based on the results of this due diligence effort and all the facts and data gathered to support said determination.

Based on the above facts and all other findings, further investigation work is not advisable. This conclusion is based on the results of this due diligence effort and all the facts and data gathered to support said determination.

4.0 PHYSICAL SETTING

General Topography:	According to 2018, United States Geological Survey (USGS) Comerío, Puerto Rico, 7.5 Minute Series Quadrangle topographic maps the Subject Property is situated approximately 60 meters south of the "Rio La Plata", and 590 meters northeast of the "Quebrada Convento". The general topographic slope across the Subject Property is to the east. The surface elevation at the Subject Property is approximately 660 feet above mean sea level (See Figure 2 - Topographic Map in Appendix A).
General Geology:	In general, the subject site is in the western part of the Comerío Quadrangle, a most of it is part of the Kk, Formation K. Chiefly, crudely stratified coarsely clastic volcanic breccia; intercalated with lava flows, volcanic conglomerate, massive tuff and a few layers of bedded fine-grained rocks; thin lenticular bodies of impure limestone, tuff and limestone breccia, Kkl; Aguas Buenas limestone member, Kka, at the base of the formation. Refer to the USGS Geologic Map of the Comerío Quadrangle (1960) is shown in Figure 3.
Estimated Depth to Groundwater: **Estimated Direction of Gradient:**	The shallow groundwater flow direction at the Subject Property has not been determined by invasive measures such as monitoring wells. However, shallow groundwater typically follows the topography of the land toward the nearest surface water body.

Sources of this information:

- USGS 7.5-Minute Topographic Map, Comerío Quadrangle, Puerto Rico 2018.
- USGS Geologic Map of the Comerío Quadrangle, Puerto Rico, 1960.
- Soil Survey Map of Comerío, Puerto Rico.

5.0 ENVIRONMENTAL RECORDS REVIEW

5.1 FEDERAL, STATE, AND TRIBAL ENVIRONMENTAL RECORDS

A regulatory agency database search report was obtained from a third-party environmental database search firm Environmental Data Resources, Inc. (EDR). A complete copy of the database search report, including the date the report was prepared, the date the information was last updated, and the definition of databases searched is provided in Appendix D.

Zimmetry evaluated the properties listed within the database based on the potential impact of the Subject Property. As part of this process, inferences have been made regarding the likely groundwater flow direction. Generally, shallow groundwater can be expected to follow the topographical gradient on and around the Subject Property and/or move in the direction of nearby surface water bodies.

Environmental Agency Lists, Search Distance, Listings

Agency List/Database	Search Radius	Number of Listed Sites
Federal NPL Sites	1.0 mile	0
Federal Delisted NPL Sites	1.0 mile	0
Federal CERCLIS List	0.5 mile	0
Federal CERCLIS NFRAP List	0.5 mile	0
Federal RCRA CORRACTS Facilities	1.0 mile	0
Federal RCRA Non-CORRACTS TSD	0.5 mile	0
Federal RCRA Generators	0.250 mile	0
Federal ERNS	Subject Property	0
State and Tribal - Equivalent NPL	1.0 mile	0
State and Tribal - Equivalent CERCLIS	N/A	N/A
State and Tribal Solid Waste Facilities	0.5 mile	0
State and Tribal Registered Storage Tank Sites	0.250 mile	0
State and Tribal Leaking Storage Tank Sites	0.5 mile	0
State and Tribal registered Storage Tank Sites	0.250	0
State and Tribal Institutional Control/Engineering Control Registries	Subject Property	0
State and Tribal Voluntary Cleanup Sites	0.5 mile	0
State and Tribal Brownfield Sites	0.5 mile	0
EDR High-Risk Historical Records (Hist Auto)	0.125 mile	1

5.1.1 Listings for Subject Property

The Subject Property was not identified in the environmental database report.

5.1.2 Listings for Nearby Sites with Potential to Impact Subject Property

Zimmetry evaluated data presented in the environmental agency database search report according to the *Database Assessment Criteria* presented in Appendix E. Based on these criteria, no individual facilities were identified as the most likely potential sources of impact on the Subject Property.

5.2 LOCAL/REGIONAL ENVIRONMENTAL RECORDS

Zimmetry checked the following sources to obtain information about Subject Property's use and/or indicative of RECs in connection with the Subject Property.

5.2.1 Local Environmental Regulatory Agency

Agency Name	Finding
Department of Natural Resources and Environment (DNRE)	On October 12, 2022, a formal request for information was made to the Department of Natural Resources and Environment (DNRE) regarding the Underground Tanks Area, Land Pollution Control Area, and Emergency Response and Scientific Consulting Programs. - On October 13, 2022, a formal response had been received from the area of the Land Pollution Control Area. • No emergency response calls were reported for the Subject Property. - On October 21, 2022, a formal response had been received from the area of Emergency Response and Scientific Consulting Programs • No emergency response calls were reported for the Subject Property. - At the date of the completion of this report no response from the Underground Storage Tanks Area was received.

5.3 SUMMARY OF FINDINGS FROM ENVIRONMENTAL RECORDS REVIEW

Based on the data described above, the review of government environmental records did not identify evidence of a REC or HREC for the Subject Property except for the following:

- Based on the above facts and all other findings, further investigation work is not advisable. This conclusion is based on the results of this due diligence effort and all the facts and data gathered to support said determination.

6.0 HISTORICAL RECORDS REVIEW

6.1 SUMMARY OF SUBJECT PROPERTY HISTORY

The following table provides a summary of the identified historical uses of the Subject Property. Details and sources of this historical information are presented elsewhere in Sections 5.0, 6.0, and 7.0 of this report.

Year	Summary of Subject Property Use
Before 1945	Unknown
1946 to present	Residential and commercial spaces

6.2 SUMMARY OF ADJOINING PROPERTY HISTORY

The following table provides a summary of the identified historical uses of adjoining properties. Details and sources of this historical information are presented elsewhere in Sections 5.0, 6.0, and 7.0 of this report.

Direction	Summary of Historical Adjoining Property Use
North	Commercial and residential spaces and Eduardo Georgetti Street
South	Rio La Plata
East	Commercial and residential spaces
West	Commercial and residential spaces

6.3 LAND TITLE RECORDS/DEEDS

The deed for the Subject Property was acquired by Faustino Hernandez Ayala, Sucesión Jimenez, Isabel Sierra Garcia, Jesus Lopez Pintado, Jose M. Perez, and Norma Ivette Rivera Correa. for this report. The table below summarizes the findings of Zimmetry's review of the land title records:

Comerío					
Property: 4,127, 1,159, 771, 159 and 4,128		**Neighborhood: Ventana al Río**		**Sector: Eduardo Georgetti**	
From	**To**	**Owners**	**Reference Property Number**	**Register**	**City**
• 2/25/1992 • 10/17/1927 • 2/13/1918 • 8/26/1926 • 4/11/2008	Present	• Faustino Hernandez • Sucesión Jimenez • Isabel Sierra García • Jesus Lopez Pintado • Jose M. Lopez • Norma Ivette Rivera	• 4,127 • 1,159 • 771 • 159 • 4, 128 • 159	• Folio 28, Tomo 69 • Folio 29, Tomo 69 • Folio 116, Tomo 26 • Folio 208, Tomo 16 • Folio 7, Tomo 58 • Folio 32, Tomo 69 • Folio 7, Tomo 4 • Folio 33, Tomo 69	Comerío

None of the listings reviewed by Zimmetry indicate the potential for environmental issues at the Subject Property.

6.4 AERIAL PHOTOGRAPHS

Aerial photographs of the Subject Property and the surrounding area were reviewed by Zimmetry to identify past use and development. Observations of the photographs are summarized below (Please see Appendix G for Aerial Photographs):

Year	Scale	Observations, Subject Property, and Adjoining Properties
2004	1:20,000	The subject properties can be observed in the photograph. Residential and commercial areas can be seen on the north, east, and west side of the property. On the south side, you can see the Rio La Plata.
2006	1:20,000	In this photo, the subject property looks very similar to 2004.
2010	1:20,000	In this photo, the subject property looks very similar to 2006.
2015	1:20,000	In this photo, the subject property looks very similar to 2010. A new asphalt parking lot can be seen to the west.
2018	1:20,000	In this photograph, the area can be observed the same as it looks today.
2022	1:20,000	In this photograph, the area can be observed the same as it looks today.

Aerial photograph source(s):

- Google Earth

6.5 CITY DIRECTORIES

Historic City Directories coverage was verified and no finds were found for the Subject Property.

6.6 HISTORICAL FIRE INSURANCE MAPS

Zimmetry attempted to search Sanborn Fire Insurance Maps; however, coverage does not exist for the Subject Property.

6.7 PLANNING/ZONING RECORDS

Agency Name,	Finding
Puerto Rico Planning & Development	According to the Planning Department, the Subject Property is zone SU C-I Intermediate commercial and urban land.

6.8 BUILDING PERMIT RECORDS

Agency Name	Finding
Puerto Rico Building Department	None

6.9 HISTORICAL TOPOGRAPHIC MAPS

Year	Scale	Observations
1946	1:20,000	The subject property was represented as developed land.
1947	1:20,000	The subject property was represented as developed land.
1953	1:20,000	The subject property was represented as developed land.
1957	1:20,000	The subject property was represented as developed land.
1982	1:20,000	The subject property was represented as developed land.
2013	1:20,000	The subject property was represented as developed land.
2018	1:20,000	The subject property was represented as developed land.

Name of maps and source:

- USGS Comerío, Puerto Rico Topographic Quadrangle.

6.10 OTHER HISTORICAL SOURCES

There were no other sources of historical information reviewed during this assessment.

6.11 SUMMARY OF FINDINGS FROM HISTORICAL RECORDS REVIEW

Based on the data described above, the review of historical records did not identify evidence of a REC or HREC for the Subject Property.

7.0 INTERVIEWS

7.1 INTERVIEW WITH OPERATORS AND OCCUPANTS

Name and Title:	1. N/A 2. N/A 3. N/A 4. Dorca Villegas Melendez 5. N/A 6. Sandra Rosario 7. N/A 8. N/A
Company and Years:	1. N/A 2. N/A 3. N/A 4. 21 years 5. N/A 6. 10 years 7. N/A 8. N/A
Current Use of Subject Property:	1. N/A 2. N/A 3. N/A 4. Residential and Commercial 5. N/A 6. Residential 7. N/A 8. N/A
Past Use(s) of Subject Property:	1. N/A 2. N/A 3. N/A 4. Residential and Commercial 5. N/A 6. Residential and Commercial 7. N/A

	8. N/A
Current Use of Surrounding Properties:	1. N/A 2. N/A 3. N/A 4. Residential 5. N/A 6. Commercial 7. N/A 8. N/A
Past Use(s) of Surrounding Properties:	1. N/A 2. N/A 3. N/A 4. Commercial 5. N/A 6. Commercial 7. N/A 8. N/A
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	None
Current or Past Regulatory Action(s):	None
Past Releases of Hazardous/Petroleum Materials on the Property:	None
Other Environmental Information (Permits, etc.):	None
Aware of Any Pending, Threatened, or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	None
Aware of Any Pending, Threatened, or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from the Subject property?	None
Aware of Any Pending, Threatened, or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	None

7.2 INTERVIEW WITH OWNER

Name and Title:	1. Faustino Hernandez Ayala 2. Sucesión Jimenez Báez 3. Isabel Sierra Garcia 4. Jesus Lopez Pintado 5. Jose Maria Perez 6. Jose Maria Perez 7. Norma I. Rivera Correa 8. Norma I. Rivera Correa
Company and Years:	1. 1985 2. 1940 3. 1940 4. 1940 5. 1920 6. 1920 7. 1920 8. 1920
Current Use of Subject Property:	1. Unoccupied 2. Unoccupied 3. Unoccupied 4. Residential and Commercial 5. Unoccupied 6. Unoccupied 7. Unoccupied 8. Unoccupied
Past Use(s) of Subject Property:	1. Funeral Warehouse 2. Funerary 3. Korean Nails and Residence 4. Residential and Commercial 5. Residential and Commercial 6. Residential and Commercial 7. Residential 8. Commercial

Current Use of Surrounding Properties:	1. Unoccupied 2. Unoccupied 3. Residence and Commercial 4. Residential 5. Residential and Commercial 6. Residential and Commercial 7. Residential and Commercial 8. Residential and Commercial
Past Use(s) of Surrounding Properties:	1. Funeral Warehouse 2. Funerary 3. Commercial 4. Commercial 5. Commercial and Properties 6. Commercial and Properties 7. Residential 8. Funerary
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	None
Current or Past Regulatory Action(s):	None
Past Releases of Hazardous/Petroleum Materials on the Property:	None
Other Environmental Information (Permits, etc.):	None
Aware of Any Pending, Threatened, or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	None
Aware of Any Pending, Threatened, or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from the Subject property?	None
Aware of Any Pending, Threatened, or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	None

7.3 INTERVIEWS WITH PAST OWNERS, OPERATORS, AND OCCUPANTS

Name, Company, Title, and Telephone	1. Faustino Hernandez Ayala 2. Sucesión Jimenez Báez 3. Isabel Sierra Garcia 4. Jesus Lopez Pintado 5. Jose Maria Perez 6. Jose Maria Perez 7. Norma I. Rivera Correa 8. Norma I. Rivera Correa
Relationship to Subject Property (Prior Occupant, Prior Owner, etc.	Owners
Aware of Any Pending, Threatened, or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	None
Aware of Any Pending, Threatened, or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from the Subject property?	None
Aware of Any Pending, Threatened, or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	None

7.4 SUMMARY OF FINDINGS FROM INTERVIEWS

Based on the interview responses described above, the findings of the interviews did not indicate the existence of a REC or HREC to the Subject Property.

8.0 DATA GAPS

ASTM E1527-21 identifies a "data gap" as the lack or inability to obtain information required by the standard practice despite good faith efforts by the Environmental Professional or the User.

Any data gaps resulting from the Phase I ESA described in this report are listed and discussed below.

Deletions or Exceptions from Scope of Work Referenced in Section 1.4:	None
Weather-Related Restrictions to Site Reconnaissance:	None
Facility Access Restrictions to Site Reconnaissance:	None
Other Site Reconnaissance Restrictions:	None
Data Gaps from Environmental Records Review:	- At the date of the completion of this report, no response from the Underground Storage Tanks Area was received.
Data Gaps from Historical Records Review:	None
Data Gaps from Interviews:	None
Other Data Gaps:	None

9.0 CONCLUSIONS

Zimmetry has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E-1527-21 of Propiedades Ventana al Río, Calle Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, Puerto Rico. Any exceptions to, or deletions from, this practice are described in the Data Gap Section of this report together with an opinion regarding the significance of these data gaps. No warranties, express or implied, are made. Zimmetry has, in the course of this inquiry, attempted to identify and review commonly known or reasonably ascertainable information about the Subject Property that is relevant to evaluating the presence of RECs or HRECs.

This assessment has revealed no evidence of recognized environmental conditions (RECs) identified in connection with the Subject Property except for the following:

1. There are no recognized environmental conditions on this property. Based on the stated finding, no further investigation work is recommended. There is no known environmental liability to limit or condition a sale-purchase transaction or refinancing of this parcel of land. This conclusion is based on the results of this due diligence effort and all the facts and data gathered to support said determination.

Based on the above facts and all other findings, further investigation work is not advisable. This conclusion is based on the results of this due diligence effort and all the facts and data gathered to support said determination.

10.0 DECLARATIONS OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10. I have the specific qualifications based on education, training, and experience to assess a property of nature, history, and setting of the Subject Property. I have developed and performed all appropriate inquiries in conformance with the standards and practices outlined in 40 CFR 312.

Name (printed): Harry Peña Ruiz

Title: Environmental Professional

Date November 18, 2022

Name (printed): Dilia Rosado Zabala

Title: Environmental Professional

Date November 18, 2022

APPENDIX A: FIGURES

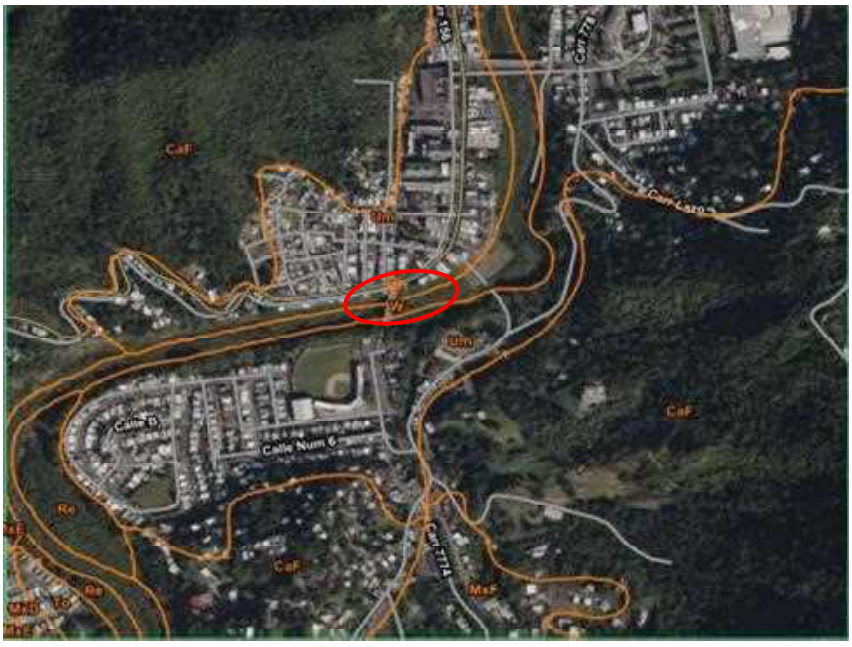
Phase I Environmental Site Assessment Report
Propiedades Ventana al Río, Calle Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, Puerto Rico.

FIGURES

Photo No. Google Maps	**Date:** 10/24/2022
Description: **Figure 1- Location Map** Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío, PR 00782 **Coordinates:** 18.217383, -66.226765	

Photo No. Dep. of Interior	**Date:** 10/24/2022
Description: **Figure 2- Topographic Map** Topographic Map of Comerío Quadrangle, Puerto Rico 2018 **Scale:** 1:20,000	

FIGURES

Photo No. Dep. of Interior	**Date:** 10/24/2022	
Description: **Figure 3- Geologic Map** Geologic Map of Comerío Quadrangle, Puerto Rico 1960 **Scale:** 1:20,000		
Photo No. NRCS	**Date:** 10/24/2022	
Description: **Figure 4- Soil Survey Map** Soil Survey of Comerío of Puerto Rico **Scale:** 1:20,000		

APPENDIX B: PHOTOGRAPHIC RECORD

Phase I Environmental Site Assessment Report
Propiedades Ventana al Río, Calle Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, Puerto Rico.

PHOTOGRAPHIC RECORD

Photo No. 5952	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #93)		

Photo No. 5953	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #91)		

PHOTOGRAPHIC RECORD

Photo No. 5954	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #93 & #91)		

Photo No. 5955	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property		

PHOTOGRAPHIC RECORD

Photo No. 5956	**Date:** 10/24/2022
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property	

Photo No. 5957	**Date:** 10/24/2022
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property	

PHOTOGRAPHIC RECORD

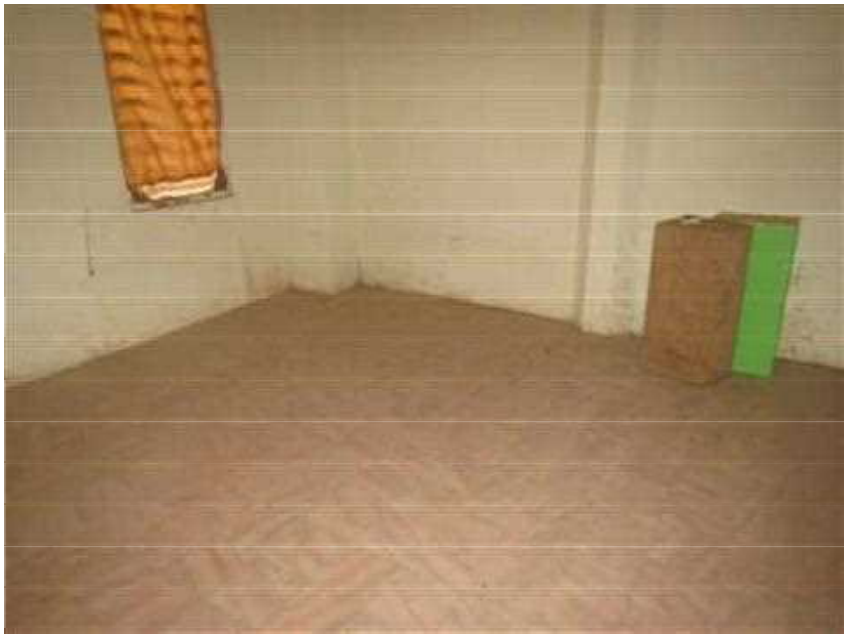
Photo No. 5958	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property		

Photo No. 5960	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property		

PHOTOGRAPHIC RECORD

Photo No. 5961	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property		

Photo No. 5962	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property		

PHOTOGRAPHIC RECORD

Photo No. 5963	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property		

Photo No. 5964	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property		

PHOTOGRAPHIC RECORD

Photo No. 5965	**Date:** 10/24/2022
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property	

Photo No. 5966	**Date:** 10/24/2022
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected Lead containing Ceramic Wall Tile	

PHOTOGRAPHIC RECORD

Photo No. 5967	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected Lead containing Ceramic Wall Tile		

Photo No. 5968	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

PHOTOGRAPHIC RECORD

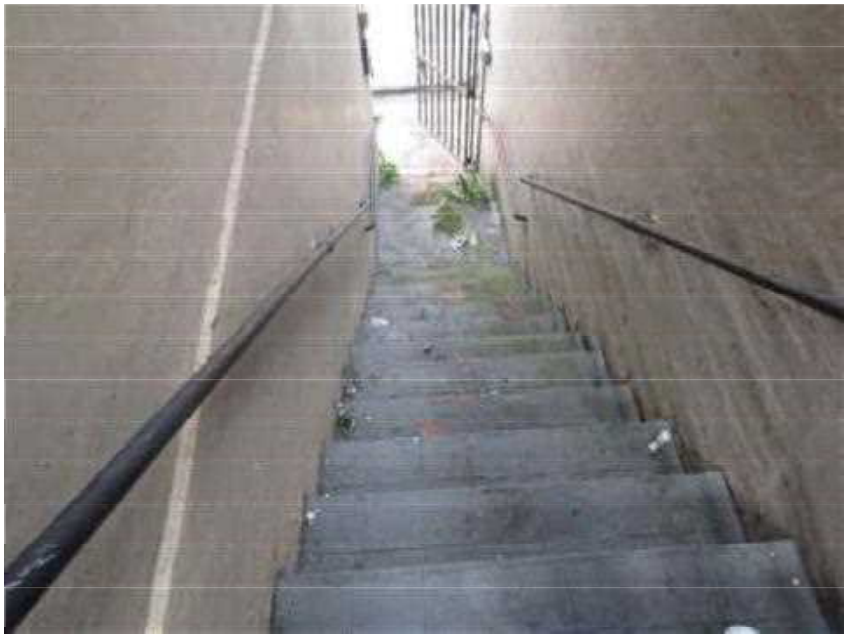
Photo No. 5969	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Outside stairs in the subject property		

Photo No. 5970	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #87).		

PHOTOGRAPHIC RECORD

Photo No. 5971	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #87 & #85)		

Photo No. 5972	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #85)		

PHOTOGRAPHIC RECORD

Photo No. 5973	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property		

Photo No. 5974	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property		

PHOTOGRAPHIC RECORD

Photo No. 5975	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Five-gallon cans, no spill to the floor was observed.		

Photo No. 5976	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property		

PHOTOGRAPHIC RECORD

Photo No. 5977	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Empty 55-gallon tank, no spill to the floor was observed.		

Photo No. 5978	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Empty one-gallon tank, no spill to the floor was observed.		

PHOTOGRAPHIC RECORD

Photo No. 5979	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

Photo No. 5980	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected lead-containing ceramic wall and floor tile.		

PHOTOGRAPHIC RECORD

Photo No. 5981	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected lead-containing ceramic wall and floor tile.		

Photo No. 5982	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected lead-containing ceramic wall and floor tile.		

PHOTOGRAPHIC RECORD

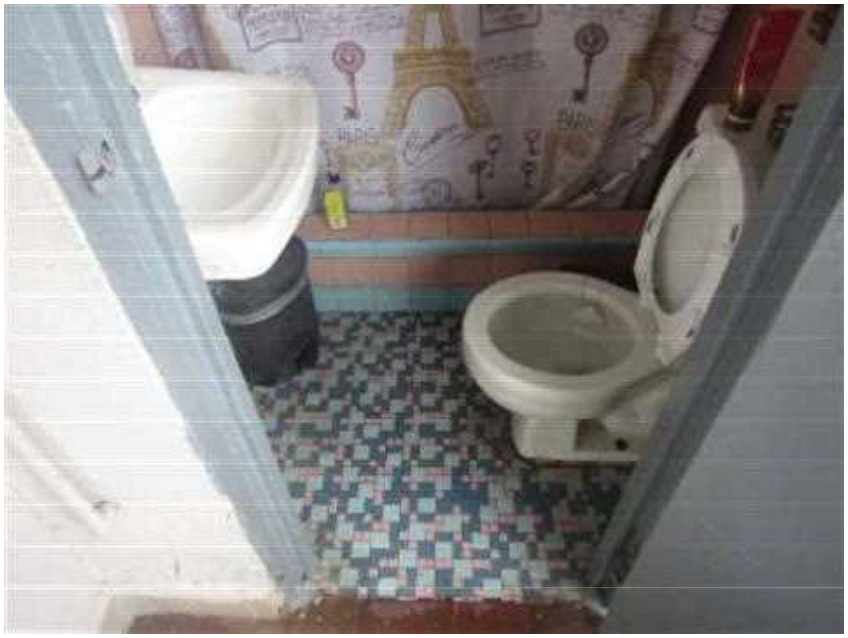
Photo No. 5983	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected lead-containing ceramic wall and floor tile.		

Photo No. 5984	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected lead-containing ceramic wall and floor tile.		

PHOTOGRAPHIC RECORD

Photo No. 5985	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of south adjoining property. Bridge in the PR-774 over the "Rio La Plata"		

Photo No. 5986	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of south adjoining property "Rio La Plata"		

PHOTOGRAPHIC RECORD

Photo No. 5987	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of south adjoining property. Bridge in the PR-774 over the "Rio La Plata"		

Photo No. 5988	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of south adjoining property. "Rio La Plata"		

PHOTOGRAPHIC RECORD

Photo No. 5989	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

Photo No. 5990	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

PHOTOGRAPHIC RECORD

Photo No. 5991	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

Photo No. 5992	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

PHOTOGRAPHIC RECORD

Photo No. 5993	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #60)		

Photo No. 5994	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #60). Suspected lead-containing ceramic wall tile.		

PHOTOGRAPHIC RECORD

Photo No. 5995	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #60). Suspected lead-containing ceramic wall tile.		

Photo No. 5996	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected lead-containing ceramic wall tile.		

PHOTOGRAPHIC RECORD

Photo No. 5997	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

Photo No. 5998	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

PHOTOGRAPHIC RECORD

Photo No. 5999	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Bridge in the PR-774.		

Photo No. 6000	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Bridge in the PR-774.		

PHOTOGRAPHIC RECORD

Photo No. 6001	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Garbage next to property #60		

Photo No. 6002	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The rear of properties #93, #91, #85, #87, and #60.		

PHOTOGRAPHIC RECORD

Photo No. 6003	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** "Rio La Plata"		

Photo No. 6004	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** "Rio La Plata"		

PHOTOGRAPHIC RECORD

Photo No. 6005	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The rear of properties #79, #77, and #71.		

Photo No. 6006	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The rear of properties #79, #77, and #71.		

PHOTOGRAPHIC RECORD

Photo No. 6007	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of south adjoining property. "Rio La Plata"		

Photo No. 6008	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject's properties (Calle Georgetti #79, #77, and #71).		

PHOTOGRAPHIC RECORD

Photo No. 6009	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #79).		

Photo No. 6010	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

PHOTOGRAPHIC RECORD

Photo No. 6012	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected lead-containing ceramic wall tile.		

Photo No. 6013	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected lead-containing ceramic floor tile.		

PHOTOGRAPHIC RECORD

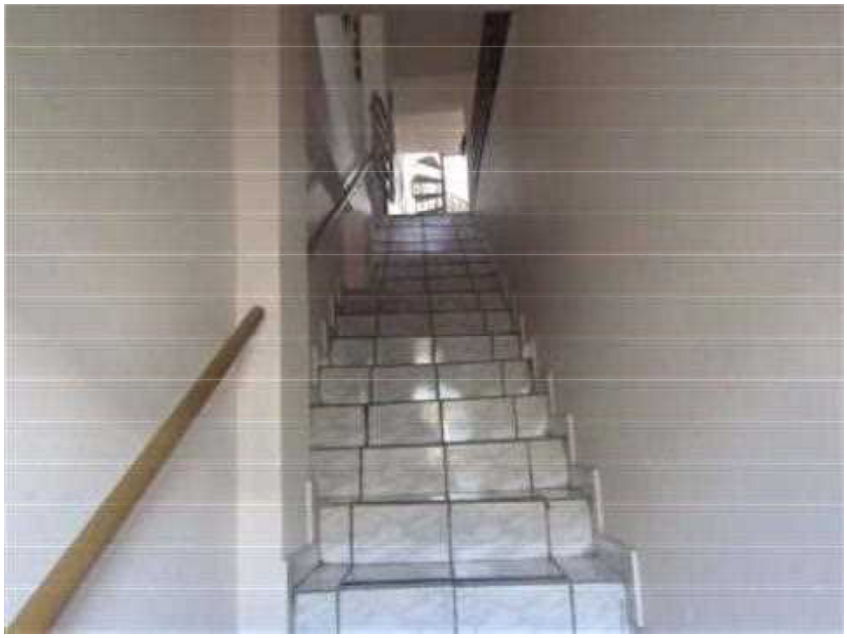
Photo No. 6014	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property. Suspected lead-containing ceramic floor tile.		

Photo No. 6017	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

PHOTOGRAPHIC RECORD

Photo No. 6019	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

Photo No. 6020	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Inside the subject property.		

PHOTOGRAPHIC RECORD

Photo No. 6022	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** The subject property (Calle Georgetti #71, Public Nuisance).		

Photo No. 6023	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of east adjoining property, residential and commercial spaces.		

PHOTOGRAPHIC RECORD

Photo No. 6024	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of north adjoining property, commercial spaces.		

Photo No. 6025	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of north adjoining property, commercial spaces.		

PHOTOGRAPHIC RECORD

Photo No. 6026	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Water meters in front of the subject property.		

Photo No. 6027	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of south adjoining property, “Rio La Plata” and Bridge in the PR-774.		

PHOTOGRAPHIC RECORD

Photo No. 6028	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of north adjoining property, commercial spaces.		

Photo No. 6029	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Sewer in front of the subject property.		

PHOTOGRAPHIC RECORD

Photo No. 6030	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Sewer in front of the subject property.		

Photo No. 6031	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Sewer in front of the subject property.		

PHOTOGRAPHIC RECORD

Photo No. 6032	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Water meters in front of the subject property.		

Photo No. 6033	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Electric transformer.		

PHOTOGRAPHIC RECORD

Photo No. 6034	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Electric transformer.		

Photo No. 6035	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Spoon drain next to one of the properties.		

PHOTOGRAPHIC RECORD

Photo No. 6036	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of west adjoining property, parking spaces.		

Photo No. 6037	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of west adjoining property, parking spaces.		

PHOTOGRAPHIC RECORD

Photo No. 6038	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** View of north adjoining property, commercial spaces.		

Photo No. 6039	**Date:** 10/24/2022	
Facility: Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío PR 00782 **Description:** Former Comerío Service Station Inc appears in the review of the EDR His Auto list.		

APPENDIX C: LIMITATIONS

Phase I Environmental Site Assessment Report
Propiedades Ventana al Río, Calle Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, Puerto Rico.

LIMITATIONS

The conclusions and recommendations contained in this report are based on professional opinions about the subject matter. These opinions were prepared by generally accepted environmental consulting and engineering standards and practices applicable to this location and existing at this time. The use of this report is subject to the following limitations:

10.1.1.1 The data and findings presented in this report are valid as of the dates when the investigations were performed. The passage of time, a manifestation of latent conditions, or the occurrence of future events may require further exploration of the Subject Property, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

10.1.1.2 The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Work, budgetary constraints, site access, and schedule of the project.

10.1.1.3 This report is based, in part, on unverified information supplied to Zimmetry by third-party sources, such as regulatory agencies, prior owners or operators of the property, analytical laboratories, subcontractors, etc. Whereas efforts may have been made to substantiate this third-party information, Zimmetry cannot guarantee the completeness or accuracy of this information.

10.1.1.4 The findings, observations, and conclusions expressed by Zimmetry in this report are not, and should not be, considered an opinion concerning the compliance of any past or present owner or operator of the Subject Property with any Federal, state, or local law or regulation.

10.1.1.5 No warranty or guarantee, whether expressed or implied, is made concerning the data or the reported findings, observations, and conclusions, which are based solely upon Subject Property conditions in existence at the time of the investigation.

10.1.1.6 Zimmetry reports present professional opinions and findings of a scientific and technical nature. Whereas attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be construed to offer a legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations, or policies of Federal, state or local governmental agencies. Issues raised by the report should be reviewed by appropriate legal counsel.

10.1.1.7 The ESA-Phase I was performed in conformance with scope limitations and exceptions of ASTM standard practice E 1527-13; developed and performed accordingly with all appropriated inquiries in conformance with the standards and practices as outlined in 40 CFR Part 312. Following are several non-scope considerations (section 13.1.5 of ASTM E1527-21) that users may want to assess in connection with the commercial property: asbestos-containing building materials, lead-based paint, lead in drinking water, and regulatory compliance among others.

10.1.1.8 This report is intended for the sole and exclusive use of Zimmetry's s client. No other person or entity shall be entitled to rely on or use this report without Zimmetry's express written authorization. (Any such written authorization shall involve a "reliance letter" issued at Zimmetry's s discretion and agreed to and executed by such user). If any unauthorized use or reliance occurs, it shall be at the user's sole risk without liability to Zimmetry.

APPENDIX D: ENVIRONMENTAL REGULATORY AGENCY DATABASE REPORT

Phase I Environmental Site Assessment Report
Propiedades Ventana al Río, Calle Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, Puerto Rico.

Propiedades Ventana AL Rio

C. Eduardo Georgetti Km 0.01-0.03 Y Km 31.7-31.8

Comerio, PR 00782

Inquiry Number: 7143714.8

October 13, 2022

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

10/13/22

Site Name:

Propiedades Ventana AL Rio
C. Eduardo Georgetti Km 0.01-
Comerio, PR 00782
EDR Inquiry # 7143714.8

Client Name:

Zimmetry Environmental
PO Box 3545
Bayamon, PR 00956
Contact: Dilia Rosado

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2004	1"=500'	Flight Date: January 16, 2004	USGS
1994	1"=500'	Acquisition Date: November 24, 1994	USGS/DOQQ
1977	1"=500'	Flight Date: March 24, 1977	USGS

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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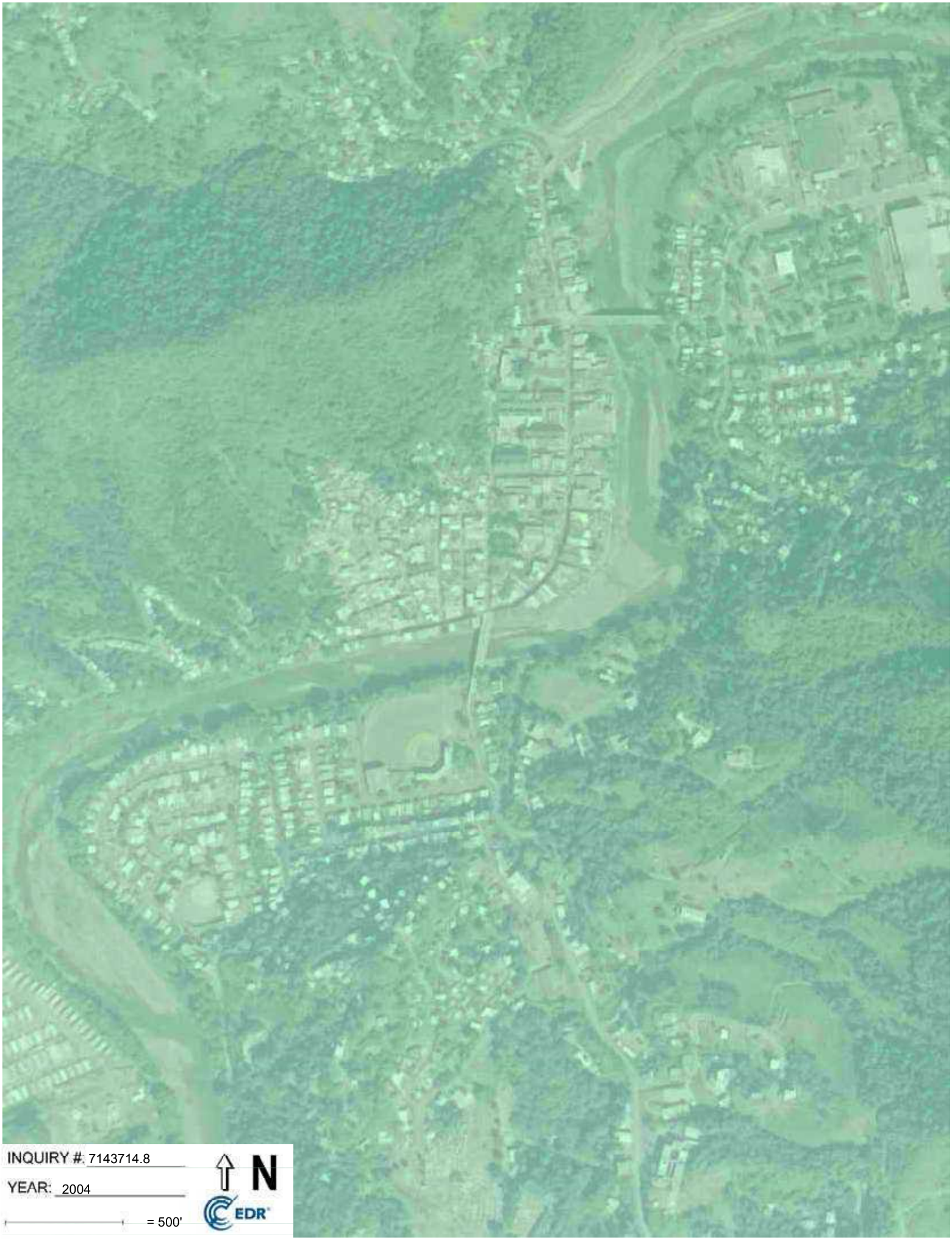
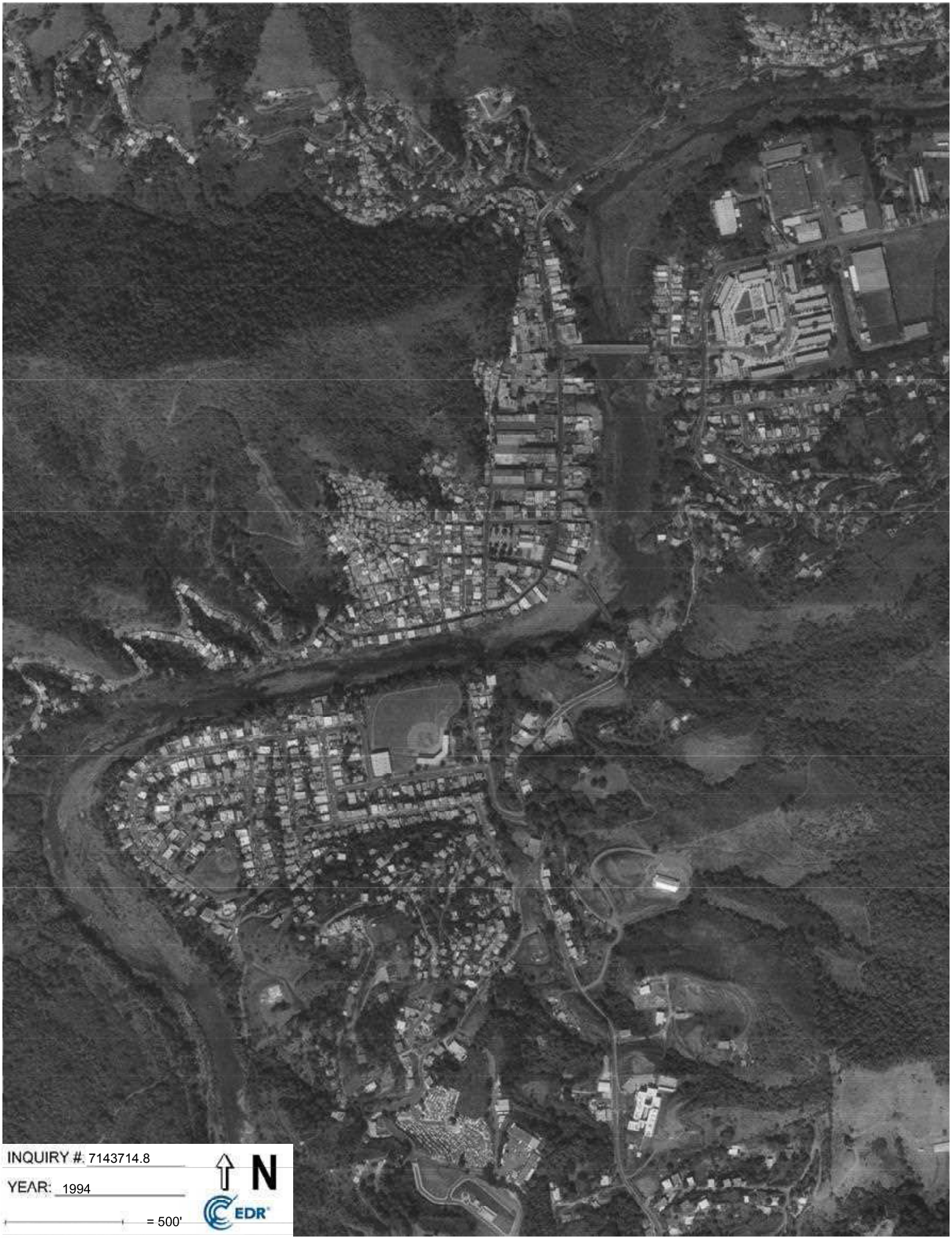

INQUIRY #: 7143714.8
YEAR: 2004
= 500'
N
EDR


INQUIRY #: 7143714.8
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 7143714.8
YEAR: 1977
= 500'
N
EDR

Propiedades Ventana AL Rio

C. Eduardo Georgetti Km 0.01-0.03 Y Km 31.7-31.8

Comerio, PR 00782

Inquiry Number: 7143714.3

October 11, 2022

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

10/11/22

Site Name:

Propiedades Ventana AL Rio
C. Eduardo Georgetti Km 0.01-
Comerio, PR 00782
EDR Inquiry # 7143714.3

Client Name:

Zimmetry Environmental
PO Box 3545
Bayamon, PR 00956
Contact: Dilia Rosado

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Zimmetry Environmental were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 16B8-467F-89C3

PO # PI-08

Project Propiedades Ventana al Rio

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 16B8-467F-89C3

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Propiedades Ventana AL Rio
C. Eduardo Georgetti Km 0.01-0.03 Y Km 31.7-31.8
Comerio, PR 00782

Inquiry Number: 7143714.5
October 13, 2022

The EDR-City Directory Abstract

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1994 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 1320 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2017	Cole Information Services	-	-	-	-
2014	Cole Information Services	-	-	-	-
2009	Cole Information Services	-	-	-	-
2004	Cole Information Services	-	-	-	-
1999	Cole Information Services	-	-	-	-
1994	Cole Information Services	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

C. Eduardo Georgetti Km 0.01-0.03 Y Km 31.7-31.8
Comerio, PR 00782

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

No Addresses Found

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
C. Eduardo Georgetti Km 0.01-0.03 Y Km 31.7-31.8	2017, 2014, 2009, 2004, 1999, 1994

Propiedades Ventana AL Rio
C. Eduardo Georgetti Km 0.01-0.03 Y Km 31.7-31.8
Comerio, PR 00782

Inquiry Number: 7143714.2s
October 11, 2022

The EDR Radius Map™ Report with GeoCheck®

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (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

C. EDUARDO GEORGETTI KM 0.01-0.03 Y KM 31.7-31.8
COMERIO, PR 00782

COORDINATES

Latitude (North):	18.2173860 - 18ˆ 13' 2.58''
Longitude (West):	66.2267670 - 66ˆ 13' 36.36''
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	793316.9
UTM Y (Meters):	2016335.6
Elevation:	640 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12374538 COMERIO, PR
Version Date:	2018

MAPPED SITES SUMMARY

Target Property Address:
C. EDUARDO GEORGETTI KM 0.01-0.03 Y KM 31.7-31.8
COMERIO, PR 00782

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	COMERIO SERVICE STAT	55 CALLE GEORGETTI	EDR Hist Auto	Lower	401, 0.076, NE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL ---- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---- Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System

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

Federal ERNS list

ERNS ..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

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

Lists of state and tribal leaking storage tanks

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
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
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
IHS OPEN DUMPS ..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System

Other Ascertainable Records

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

FUDS Formerly Used Defense Sites
DOD Department of Defense Sites
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR Financial Assurance Information
EPA WATCH LIST EPA WATCH LIST
2020 COR ACTION 2020 Corrective Action Program List
TSCA Toxic Substances Control Act
TRIS Toxic Chemical Release Inventory System
SSTS Section 7 Tracking Systems
ROD Records Of Decision
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
PRP Potentially Responsible Parties
PADS PCB Activity Database System
ICIS Integrated Compliance Information System
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS Material Licensing Tracking System
COAL ASH DOE Steam-Electric Plant Operation Data
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER PCB Transformer Registration Database
RADINFO Radiation Information Database
HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS Incident and Accident Data
CONSENT Superfund (CERCLA) Consent Decrees
INDIAN RESERV Indian Reservations
FUSRAP Formerly Utilized Sites Remedial Action Program
UMTRA Uranium Mill Tailings Sites
LEAD SMELTERS Lead Smelter Sites
US AIRS Aerometric Information Retrieval System Facility Subsystem
US MINES Mines Master Index File
ABANDONED MINES Abandoned Mines
FINDS Facility Index System/Facility Registry System
DOCKET HWC Hazardous Waste Compliance Docket Listing
ECHO Enforcement & Compliance History Information
UXO Unexploded Ordnance Sites
FUELS PROGRAM EPA Fuels Program Registered Listing
MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner EDR Exclusive Historical Cleaners

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.

EXECUTIVE SUMMARY

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.

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

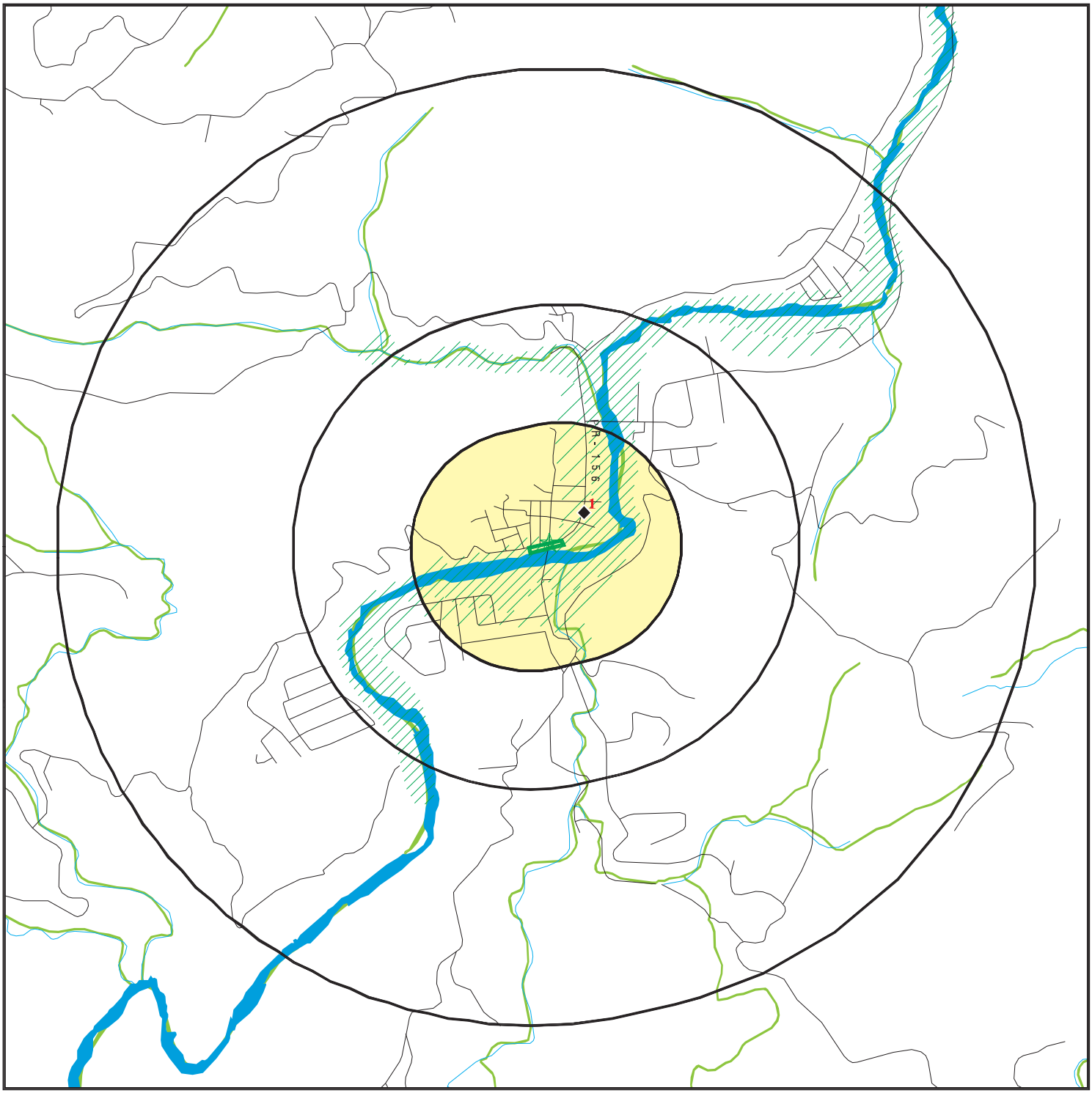
A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
COMERIO SERVICE STAT	55 CALLE GEORGETTI	NE 0 - 1/8 (0.076 mi.)	1	7

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7143714.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory

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:	Propiedades Ventana AL Rio	CLIENT:	Zimmetry Environmental
ADDRESS:	C. Eduardo Georgetti Km 0.01-0.03 Y Km 31.7-31.8 Comerio PR 00782	CONTACT:	Dilia Rosado
LAT/LONG:	18.217386 / 66.226767	INQUIRY #:	7143714.2s
		DATE:	October 11, 2022 1:27 pm

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DETAIL MAP - 7143714.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- 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:	Propiedades Ventana AL Rio	CLIENT:	Zimmetry Environmental
ADDRESS:	C. Eduardo Georgetti Km 0.01-0.03 Y Km 31.7-31.8 Comerio PR 00782	CONTACT:	Dilia Rosado
		INQUIRY #:	7143714.2s
LAT/LONG:	18.217386 / 66.226767	DATE:	October 11, 2022 1:27 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
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 TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	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
UST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup 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 / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
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 Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LUST	0.001		0	NR	NR	NR	NR	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.

1
NE
< 1/8
0.076 mi.
401 ft.

COMERIO SERVICE STATION INC
55 CALLE GEORGETTI
COMERIO, PR 00782

EDR Hist Auto **1020399663**
N/A

Relative:
Lower

Actual:
634 ft.

EDR Hist Auto

Year:	Name:	Type:
1993	ORTIZ CRUZ JOSE LINO	Gasoline Service Stations, NEC
1994	ORTIZ CRUZ JOSE LINO	Gasoline Service Stations, NEC
1995	ORTIZ CRUZ JOSE LINO	Gasoline Service Stations, NEC
1996	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
1997	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
1998	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
1999	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
2000	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
2001	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
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2007	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
2008	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
2009	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
2010	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
2011	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
2012	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC
2013	COMERIO SERVICE STATION INC	Gasoline Service Stations, NEC

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 01/10/2023
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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

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

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

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/19/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 71

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
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: 05/16/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
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: 05/16/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
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: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 6

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Environmental Quality Board
Telephone: 787-767-8181
Last EDR Contact: 08/22/2005
Next Scheduled EDR Contact: 11/21/2005
Data Release Frequency: N/A

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tanks

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

Date of Government Version: 09/24/2020
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 05/04/2021
Number of Days to Update: 84

Source: Environmental Quality Board
Telephone: 787-767-8056
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 10/31/2022
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
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 04/20/2022
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: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 04/08/2022
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: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022
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: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 04/11/2022
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: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

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

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
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: 07/21/2022
Next Scheduled EDR Contact: 10/31/2022
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
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: 214-665-7591
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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
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: 312-886-6136
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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
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 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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
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: 404-562-9424
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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
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: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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
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: 303-312-6137
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

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: 09/09/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

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

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
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: 04/30/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
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: 04/30/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/19/2022
Date Data Arrived at EDR: 09/19/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 11

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Other Ascertainable Records

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

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

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
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: 07/13/2022
Next Scheduled EDR Contact: 10/24/2022
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: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

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

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
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: 08/04/2022
Next Scheduled EDR Contact: 11/14/2022
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: 09/12/2022
Next Scheduled EDR Contact: 12/26/2022
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: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
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: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 12/12/2022
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: 07/14/2022
Next Scheduled EDR Contact: 10/31/2022
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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 11/14/2022
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
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016
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: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

Date of Government Version: 06/10/2022
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 69
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
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
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
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: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/04/2022
Next Scheduled EDR Contact: 11/14/2022
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: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
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
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
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: 06/30/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2019
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: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
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
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 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: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
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: 08/24/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 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 Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 08/01/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 59

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 12/12/2022
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: 08/03/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 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: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
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: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 68
Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 12/19/2022
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: 05/13/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 13
Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 06/25/2022
Date Data Arrived at EDR: 07/01/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 91
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/30/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/22/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
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: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

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 Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

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: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/10/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PROPIEDADES VENTANA AL RIO
C. EDUARDO GEORGETTI KM 0.01-0.03 Y KM 31.7-31.8
COMERIO, PR 00782

TARGET PROPERTY COORDINATES

Latitude (North):	18.217386 - 18ˆ 13’ 2.59’’
Longitude (West):	66.226767 - 66ˆ 13’ 36.36’’
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	793316.9
UTM Y (Meters):	2016335.6
Elevation:	640 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12374538 COMERIO, PR
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

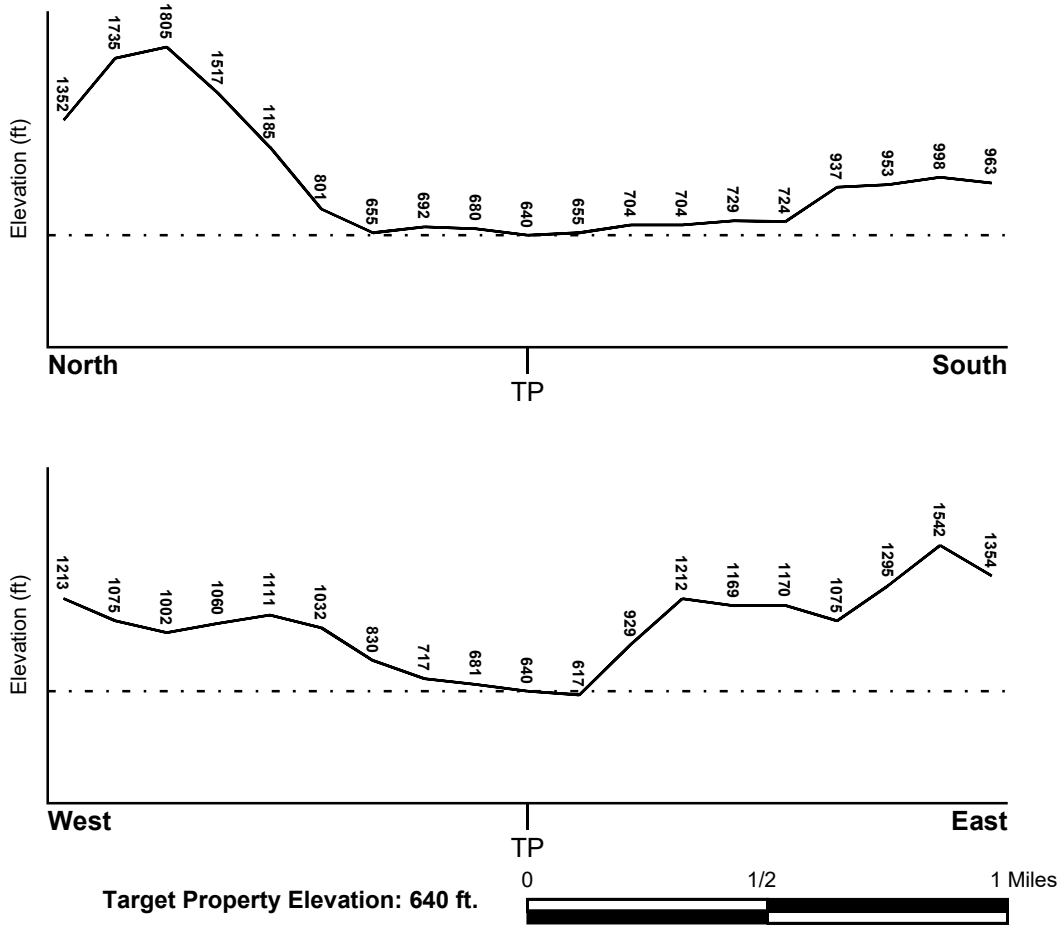
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
7200000175B	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic 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.

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	-
System:	-
Series:	-
Code:	N/A *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	MUCARA
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:	> 36 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	6 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: 7.30 Min: 5.60
2	6 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: 7.30 Min: 5.60
3	12 inches	22 inches	weathered bedrock	Not reported	Not reported	Max: 0.60 Min: 0.20	Max: 0.00 Min: 0.00
4	22 inches	26 inches	unweathered bedrock	Not reported	Not reported	Max: 0.60 Min: 0.20	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

Surficial Soil Types: clay loam

Shallow Soil Types: very gravelly - clay loam

Deeper Soil Types: No Other Soil Types

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

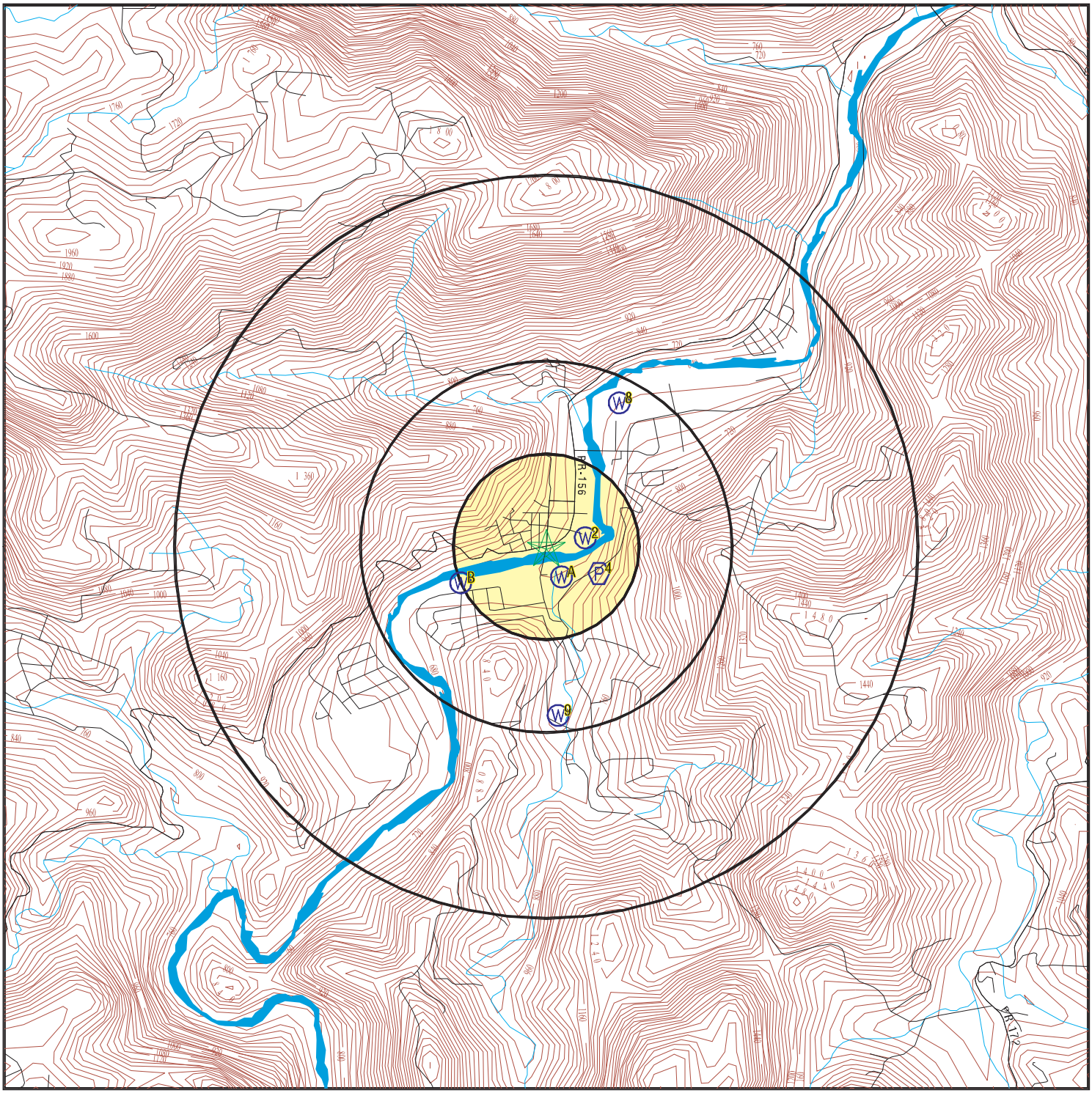
MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40001044595	0 - 1/8 Mile SE
2	USGS40001044608	0 - 1/8 Mile ENE
A3	USGS40001044588	0 - 1/8 Mile SSE
B5	USGS40001044592	1/8 - 1/4 Mile WSW
B6	USGS40001044591	1/8 - 1/4 Mile WSW
B7	USGS40001044589	1/4 - 1/2 Mile WSW
8	USGS40001044643	1/4 - 1/2 Mile NNE
9	USGS40001044572	1/4 - 1/2 Mile South

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	PR0523015	1/8 - 1/4 Mile ESE

Note: PWS System location is not always the same as well location.

PHYSICAL SETTING SOURCE MAP - 7143714.2s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

SITE NAME:	Propiedades Ventana AL Rio	CLIENT:	Zimmetry Environmental
ADDRESS:	C. Eduardo Georgetti Km 0.01-0.03 Y Km 31.7-31.8 Comerio PR 00782	CONTACT:	Dilia Rosado
LAT/LONG:	18.217386 / 66.226767	INQUIRY #:	7143714.2s
		DATE:	October 11, 2022 1:28 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SE
0 - 1/8 Mile
Lower

FED USGS **USGS40001044595**

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	PINAS 1 WELL, COMERIO, PR	Type:	Well
Description:	Not Reported	HUC:	21010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1950
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	180	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1950
Feet below surface:	15.0	Feet to sea level:	Not Reported
Note:	Not Reported		

2
ENE
0 - 1/8 Mile
Lower

FED USGS **USGS40001044608**

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	PUENTE WELL, COMERIO, PR	Type:	Well
Description:	Not Reported	HUC:	21010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19660803
Well Depth:	120	Well Depth Units:	ft
Well Hole Depth:	120	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1966-08-03
Feet below surface:	8.0	Feet to sea level:	Not Reported
Note:	Not Reported		

A3
SSE
0 - 1/8 Mile
Higher

FED USGS **USGS40001044588**

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	PINAS 3 WELL, COMERIO, PR	Type:	Well
Description:	Not Reported	HUC:	21010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19661110
Well Depth:	90	Well Depth Units:	ft
Well Hole Depth:	90	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1966-11-10
Feet below surface:	45.0	Feet to sea level:	Not Reported
Note:	Not Reported		

4
ESE
1/8 - 1/4 Mile
Higher

FRDS PWS PR0523015

Epa region:	02	State:	PR
Pwsid:	PR0523015	Pwsname:	PALOMAS I
Cityserved:	Not Reported	Stateserved:	PR
Zipserved:	Not Reported	Fipscounty:	72045
Status:	Closed	Retpopsrvd:	80
Pwssvcconn:	15	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	PALOMAS I	Contactorgname:	PALOMAS I
Contactphone:	787-875-0534	Contactaddress1:	CARR. 779 KM.1.0
Contactaddress2:	CERCA CASA CARLOS VELEZ	Contactcity:	COMERIO
Contactstate:	PR	Contactzip:	00782
Pwsactivitycode:	I		

Pwsid:	PR0523015	Facid:	634
Facname:	PALOMAS I	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

PWS ID:	PR0523015	PWS name:	PALOMAS I
Address:	CERCA CASA CARLOS VELEZ	Care of:	CARR. 779 KM.1.0
City:	COMERIO	State:	PR
Zip:	00782	Owner:	PALOMAS I
Source code:	Ground water	Population:	112

PWS ID:	PR0523015	PWS type:	System Owner/Responsible Party
PWS name:	ADA DIGNA HERNANDEZ GARCIA		
PWS address:	BO PALOMAS	PWS address:	HC 02 BOX 5053
PWS city:	COMERIO	PWS state:	PR
PWS zip:	00782	PWS name:	PALOMAS I
PWS type code:	C	Retail population served:	80
Contact:	PALOMAS I	Contact address:	CARR. 779 KM.1.0
Contact address:	CERCA CASA CARLOS VELEZ	Contact city:	COMERIO
Contact state:	PR	Contact zip:	00782
Contact telephone:	787-875-0534		

County:	COMERIO	Source:	Ground water
Treatment Objective:	DISINFECTION	Process:	HYPOCHLORINATION, PRE
Population:	112		

PWS ID:	PR0523015	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00000112	System name:	PALOMAS I
System address:	CARR. 779 KM.1.0	System address:	CERCA CASA CARLOS VELEZ
System city:	COMER O	System state:	PR
System zip:	00782		

County FIPS:	Not Reported	City served:	COMER
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	181306	Longitude:	0661330

Violation id:	11567	Orig code:	S
State:	PR	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2009
Cmp edt:	07/31/2009		

Violation id:	11727	Orig code:	S
State:	PR	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2009
Cmp edt:	08/31/2009		

Violation id:	11883	Orig code:	S
State:	PR	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2009
Cmp edt:	09/30/2009		

Violation id:	39103	Orig code:	S
State:	PR	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2008
Cmp edt:	07/31/2008		

Violation id:	39254	Orig code:	S
State:	PR	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2008
Cmp edt:	08/31/2008		

Violation id:	39410	Orig code:	S
State:	PR	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2008
Cmp edt:	09/30/2008		

Violation id:	39572	Orig code:	S
State:	PR	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2008
Cmp edt:	10/31/2008		

Violation id:	39715	Orig code:	S
State:	PR	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2008
Cmp edt:	11/30/2008		

Violation id:	39866	Orig code:	S
State:	PR	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2008
Cmp edt:	12/31/2008		

Violation id:	40039	Orig code:	S
State:	PR	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2009
Cmp edt:	01/31/2009		

Violation id:	40188	Orig code:	S
State:	PR	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2009
Cmp edt:	02/28/2009		

Violation id:	40349	Orig code:	S
State:	PR	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2009
Cmp edt:	03/31/2009		

Violation id:	40523	Orig code:	S
State:	PR	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2009
Cmp edt:	04/30/2009		

Violation id:	40693	Orig code:	S
State:	PR	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/01/2009
Cmp edt:	05/31/2009		

Violation id:	40854	Orig code:	S
State:	PR	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	06/01/2009
Cmp edt:	06/30/2009		

Violation id:	4686800	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2000
Cmp edt:	01/31/2000		

Violation id:	4686900	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2000
Cmp edt:	02/29/2000		

Violation id:	4687000	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2000
Cmp edt:	03/31/2000		

Violation id:	4687100	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2000
Cmp edt:	01/31/2000		

Violation id:	4687200	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2000
Cmp edt:	02/29/2000		

Violation id:	4687300	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR

Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2000
Cmp edt:	03/31/2000		

Violation id:	5019100	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2000
Cmp edt:	07/31/2000		

Violation id:	5019200	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2000
Cmp edt:	08/31/2000		

Violation id:	5019300	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2000
Cmp edt:	09/30/2000		

Violation id:	5019400	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2000
Cmp edt:	07/31/2000		

Violation id:	5019500	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2000
Cmp edt:	08/31/2000		

Violation id:	5019600	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2000
Cmp edt:	09/30/2000		

Violation id:	5118701	Orig code:	S

State:	PR	Violation Year:	2000
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2000
Cmp edt:	10/31/2000		

Violation id:	5118801	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2000
Cmp edt:	11/30/2000		

Violation id:	5118901	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2000
Cmp edt:	12/31/2000		

Violation id:	5119001	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2000
Cmp edt:	11/30/2000		

Violation id:	5119101	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2000
Cmp edt:	12/31/2000		

Violation id:	5119201	Orig code:	S
State:	PR	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2000
Cmp edt:	10/31/2000		

Violation id:	5204301	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR

Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2001
Cmp edt:	01/31/2001		

Violation id:	5204401	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2001
Cmp edt:	02/28/2001		

Violation id:	5204501	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2001
Cmp edt:	03/31/2001		

Violation id:	5204601	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2001
Cmp edt:	03/31/2001		

Violation id:	5204701	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2001
Cmp edt:	01/31/2001		

Violation id:	5204801	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2001
Cmp edt:	02/28/2001		

Violation id:	5525201	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2001
Cmp edt:	04/30/2001		

Violation id:	5525301	Orig code:	S

State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/01/2001
Cmp edt:	05/31/2001		

Violation id:	5525401	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	06/01/2001
Cmp edt:	06/30/2001		

Violation id:	5525501	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	06/01/2001
Cmp edt:	06/30/2001		

Violation id:	5525601	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2001
Cmp edt:	04/30/2001		

Violation id:	5525701	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/01/2001
Cmp edt:	05/31/2001		

Violation id:	5618101	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2001
Cmp edt:	07/31/2001		

Violation id:	5618201	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR

Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2001
Cmp edt:	08/31/2001		

Violation id:	5618301	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2001
Cmp edt:	09/30/2001		

Violation id:	5618401	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2001
Cmp edt:	07/31/2001		

Violation id:	5618501	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2001
Cmp edt:	08/31/2001		

Violation id:	5618601	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2001
Cmp edt:	09/30/2001		

Violation id:	5721701	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2001
Cmp edt:	10/31/2001		

Violation id:	5721801	Orig code:	S
State:	PR	Violation Year:	2001
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31		
Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)		
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2001
Cmp edt:	11/30/2001		

Violation id:	5721901	Orig code:	S

State: PR
Violation Year: 2001
Contamination code: 0200
Contamination Name: SWTR
Violation code: 31
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code: 121
Rule name: SWTR
Violation measur: Not Reported
Unit of measure: Not Reported
State mcl: Not Reported
Cmp bdt: 12/01/2001
Cmp edt: 12/31/2001

Violation id: 5722101
Orig code: S
State: PR
Violation Year: 2001
Contamination code: 3100
Contamination Name: Coliform (TCR)
Violation code: 23
Violation name: Monitoring, Routine Major (TCR)
Rule code: 110
Rule name: TCR
Violation measur: Not Reported
Unit of measure: Not Reported
State mcl: Not Reported
Cmp bdt: 11/01/2001
Cmp edt: 11/30/2001

Violation id: 5722201
Orig code: S
State: PR
Violation Year: 2001
Contamination code: 3100
Contamination Name: Coliform (TCR)
Violation code: 23
Violation name: Monitoring, Routine Major (TCR)
Rule code: 110
Rule name: TCR
Violation measur: Not Reported
Unit of measure: Not Reported
State mcl: Not Reported
Cmp bdt: 12/01/2001
Cmp edt: 12/31/2001

Violation id: 5812302
Orig code: S
State: PR
Violation Year: 2002
Contamination code: 0200
Contamination Name: SWTR
Violation code: 31
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code: 121
Rule name: SWTR
Violation measur: Not Reported
Unit of measure: Not Reported
State mcl: Not Reported
Cmp bdt: 01/01/2002
Cmp edt: 01/31/2002

Violation id: 5812402
Orig code: S
State: PR
Violation Year: 2002
Contamination code: 0200
Contamination Name: SWTR
Violation code: 31
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code: 121
Rule name: SWTR
Violation measur: Not Reported
Unit of measure: Not Reported
State mcl: Not Reported
Cmp bdt: 02/01/2002
Cmp edt: 02/28/2002

Violation id: 5812502
Orig code: S
State: PR
Violation Year: 2002
Contamination code: 0200
Contamination Name: SWTR
Violation code: 31
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code: 121
Rule name: SWTR
Violation measur: Not Reported
Unit of measure: Not Reported
State mcl: Not Reported
Cmp bdt: 03/01/2002
Cmp edt: 03/31/2002

Violation id: 5812702
Orig code: S
State: PR
Violation Year: 2002
Contamination code: 3100
Contamination Name: Coliform (TCR)
Violation code: 23
Violation name: Monitoring, Routine Major (TCR)
Rule code: 110
Rule name: TCR
Violation measur: Not Reported
Unit of measure: Not Reported
State mcl: Not Reported
Cmp bdt: 02/01/2002

Cmp edt: 02/28/2002

Violation id: 5812802
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 03/31/2002
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 03/01/2002

Violation id: 5905602
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 04/30/2002
Orig code: S
Violation Year: 2002
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 04/01/2002

Violation id: 5905702
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 05/31/2002
Orig code: S
Violation Year: 2002
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 05/01/2002

Violation id: 5905802
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 06/30/2002
Orig code: S
Violation Year: 2002
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 06/01/2002

Violation id: 5906002
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 05/31/2002
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 05/01/2002

Violation id: 5906102
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 06/30/2002
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 06/01/2002

Violation id: 5921202
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
Orig code: S
Violation Year: 2002
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported

State mcl: Not Reported
Cmp edt: 07/31/2002
Cmp bdt: 07/01/2002

Violation id: 5921302
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 08/31/2002
Orig code: S
Violation Year: 2002
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 08/01/2002

Violation id: 5921402
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 09/30/2002
Orig code: S
Violation Year: 2002
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 09/01/2002

Violation id: 5921502
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 07/31/2002
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 07/01/2002

Violation id: 5921602
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 08/31/2002
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 08/01/2002

Violation id: 5921702
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 09/30/2002
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 09/01/2002

Violation id: 5951602
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 10/31/2001
Orig code: S
Violation Year: 2001
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 10/01/2001

Violation id: 5964902
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR

Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 01/31/2002
Unit of measure: Not Reported
Cmp bdt: 01/01/2002

Violation id: 5982402
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 04/30/2002
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 04/01/2002

Violation id: 6006803
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 10/31/2002
Orig code: S
Violation Year: 2002
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 10/01/2002

Violation id: 6006903
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 11/30/2002
Orig code: S
Violation Year: 2002
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 11/01/2002

Violation id: 6007003
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 12/31/2002
Orig code: S
Violation Year: 2002
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 12/01/2002

Violation id: 6007103
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 10/31/2002
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 10/01/2002

Violation id: 6007203
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 11/30/2002
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 11/01/2002

Violation id: 6007303
State: PR
Contamination code: 3100
Violation code: 23
Orig code: S
Violation Year: 2002
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)

Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 12/31/2002
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 12/01/2002

Violation id: 60111
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 10/31/2006
Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 10/01/2006

Violation id: 60287
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 11/30/2006
Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 11/01/2006

Violation id: 60458
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 12/31/2006
Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 12/01/2006

Violation id: 6062903
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 01/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 01/01/2003

Violation id: 60647
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 01/31/2006
Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 01/01/2006

Violation id: 6080703
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 02/28/2003
Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 02/01/2003

Violation id: 60827
State: PR
Contamination code: 3100
Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)

Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 02/28/2006
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 02/01/2006

Violation id: 6097503
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 03/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 03/01/2003

Violation id: 60998
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 03/31/2006
Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 03/01/2006

Violation id: 61182
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 04/30/2006
Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 04/01/2006

Violation id: 6133503
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 04/30/2003
Orig code: S
Violation Year: 2003
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 04/01/2003

Violation id: 6133603
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 05/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 05/01/2003

Violation id: 6133703
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 06/30/2003
Orig code: S
Violation Year: 2003
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 06/01/2003

Violation id: 6133803
State: PR
Orig code: S
Violation Year: 2003

Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 04/30/2003

Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 04/01/2003

Violation id: 6133903
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 05/31/2003

Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 05/01/2003

Violation id: 6134003
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 06/30/2003

Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 06/01/2003

Violation id: 61353
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 05/31/2006

Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 05/01/2006

Violation id: 61521
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 06/30/2006

Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 06/01/2006

Violation id: 61706
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 07/31/2006

Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 07/01/2006

Violation id: 61877
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 08/31/2006

Orig code: S
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 08/01/2006

Violation id: 62048

Orig code: S

State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 09/30/2006
Violation Year: 2006
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 09/01/2006

Violation id: 6247903
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 07/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 07/01/2003

Violation id: 6248003
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 08/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 08/01/2003

Violation id: 6248103
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 09/30/2003
Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 09/01/2003

Violation id: 6289303
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 07/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 07/01/2003

Violation id: 6289403
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 08/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 08/01/2003

Violation id: 6289503
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 09/30/2003
Orig code: S
Violation Year: 2003
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 09/01/2003

Violation id: 6382404
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 10/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 10/01/2003

Violation id: 6382504
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 11/30/2003
Orig code: S
Violation Year: 2003
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 11/01/2003

Violation id: 6382604
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 12/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 12/01/2003

Violation id: 6382704
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 10/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 10/01/2003

Violation id: 6382804
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 11/30/2003
Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 11/01/2003

Violation id: 6382904
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 12/31/2003
Orig code: S
Violation Year: 2003
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 12/01/2003

Violation id: 6488504
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 01/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 01/01/2004

Violation id: 6488604
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 02/29/2004
Orig code: S
Violation Year: 2004
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 02/01/2004

Violation id: 6488704
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 03/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 03/01/2004

Violation id: 6488804
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 01/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 01/01/2004

Violation id: 6488904
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 02/29/2004
Orig code: S
Violation Year: 2004
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 02/01/2004

Violation id: 6489004
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 03/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 03/01/2004

Violation id: 6839904
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 04/30/2004
Orig code: S
Violation Year: 2004
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 04/01/2004

Violation id: 6840004
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 05/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 05/01/2004

Violation id:	6840104	Orig code:	S
State:	PR	Violation Year:	2004
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31	Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	06/01/2004
Cmp edt:	06/30/2004		

Violation id:	6840204	Orig code:	S
State:	PR	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2004
Cmp edt:	04/30/2004		

Violation id:	6840304	Orig code:	S
State:	PR	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/01/2004
Cmp edt:	05/31/2004		

Violation id:	6840404	Orig code:	S
State:	PR	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	06/01/2004
Cmp edt:	06/30/2004		

Violation id:	6947504	Orig code:	S
State:	PR	Violation Year:	2004
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31	Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2004
Cmp edt:	07/31/2004		

Violation id:	6947604	Orig code:	S
State:	PR	Violation Year:	2004
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31	Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2004
Cmp edt:	08/31/2004		

Violation id:	6947704	Orig code:	S
State:	PR	Violation Year:	2004
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31	Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2004
Cmp edt:	09/30/2004		

Violation id: 6947804
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 07/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 07/01/2004

Violation id: 6947904
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 08/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 08/01/2004

Violation id: 6948004
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 09/30/2004
Orig code: S
Violation Year: 2004
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 09/01/2004

Violation id: 70097
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 07/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 07/01/2007

Violation id: 70104
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 01/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 01/01/2007

Violation id: 70250
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 08/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 08/01/2007

Violation id: 70257
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 02/28/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 02/01/2007

Violation id: 70409
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 09/30/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 09/01/2007

Violation id: 70418
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 03/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 03/01/2007

Violation id: 70585
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 04/30/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 04/01/2007

Violation id: 70743
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 05/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 05/01/2007

Violation id: 70903
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 06/30/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 06/01/2007

Violation id: 71100
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 10/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 10/01/2007

Violation id: 71260
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 11/30/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 11/01/2007

Violation id: 71417
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 12/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 12/01/2007

Violation id: 7154305
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 10/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 10/01/2004

Violation id: 7154405
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 11/30/2004
Orig code: S
Violation Year: 2004
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 11/01/2004

Violation id: 7154505
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 12/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 12/01/2004

Violation id: 7154605
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 01/31/2005
Orig code: S
Violation Year: 2005
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 01/01/2005

Violation id: 7154705
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 02/28/2005
Orig code: S
Violation Year: 2005
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 02/01/2005

Violation id: 7154805
State: PR
Contamination code: 0200
Violation code: 31
Rule code: 121
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 03/31/2005
Orig code: S
Violation Year: 2005
Contamination Name: SWTR
Violation name: Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule name: SWTR
Unit of measure: Not Reported
Cmp bdt: 03/01/2005

Violation id: 7154905
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 10/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 10/01/2004

Violation id: 7155005
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 11/30/2004
Orig code: S
Violation Year: 2004
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 11/01/2004

Violation id: 7155105
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 12/31/2004
Orig code: S
Violation Year: 2004
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 12/01/2004

Violation id: 7155205
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 01/31/2005
Orig code: S
Violation Year: 2005
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 01/01/2005

Violation id: 7155305
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 02/28/2005
Orig code: S
Violation Year: 2005
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 02/01/2005

Violation id: 7155405
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 03/31/2005
Orig code: S
Violation Year: 2005
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 03/01/2005

Violation id: 7690605
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 07/31/2005
Orig code: S
Violation Year: 2005
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 07/01/2005

Violation id:	7690705	Orig code:	S
State:	PR	Violation Year:	2005
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2005
Cmp edt:	08/31/2005		

Violation id:	7690805	Orig code:	S
State:	PR	Violation Year:	2005
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2005
Cmp edt:	09/30/2005		

Violation id:	7797506	Orig code:	S
State:	PR	Violation Year:	2005
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31	Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2005
Cmp edt:	10/31/2005		

Violation id:	7797606	Orig code:	S
State:	PR	Violation Year:	2005
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31	Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2005
Cmp edt:	11/30/2005		

Violation id:	7797706	Orig code:	S
State:	PR	Violation Year:	2005
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	31	Violation name:	Monitoring of Treatment (SWTR-Unfilt/GWR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2005
Cmp edt:	12/31/2005		

Violation id:	7797806	Orig code:	S
State:	PR	Violation Year:	2005
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2005
Cmp edt:	10/31/2005		

Violation id:	7797906	Orig code:	S
State:	PR	Violation Year:	2005
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2005
Cmp edt:	11/30/2005		

Violation id: 7798006
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 12/31/2005
Orig code: S
Violation Year: 2005
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 12/01/2005

Violation id: 80097
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 07/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 07/01/2007

Violation id: 80250
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 08/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 08/01/2007

Violation id: 80409
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 09/30/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 09/01/2007

Violation id: 80562
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 10/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 10/01/2007

Violation id: 80722
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 11/30/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 11/01/2007

Violation id: 80879
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 12/31/2007
Orig code: S
Violation Year: 2007
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 12/01/2007

Violation id: 81104
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 01/31/2008
Orig code: S
Violation Year: 2008
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 01/01/2008

Violation id: 81261
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 02/29/2008
Orig code: S
Violation Year: 2008
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 02/01/2008

Violation id: 81421
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 03/31/2008
Orig code: S
Violation Year: 2008
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 03/01/2008

Violation id: 82104
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 01/31/2008
Orig code: S
Violation Year: 2008
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 01/01/2008

Violation id: 82261
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 02/29/2008
Orig code: S
Violation Year: 2008
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 02/01/2008

Violation id: 82420
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 03/31/2008
Orig code: S
Violation Year: 2008
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 03/01/2008

Violation id: 82582
State: PR
Contamination code: 3100
Violation code: 23
Rule code: 110
Violation measur: Not Reported
State mcl: Not Reported
Cmp edt: 04/30/2008
Orig code: S
Violation Year: 2008
Contamination Name: Coliform (TCR)
Violation name: Monitoring, Routine Major (TCR)
Rule name: TCR
Unit of measure: Not Reported
Cmp bdt: 04/01/2008

Violation id:	82736	Orig code:	S
State:	PR	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/01/2008
Cmp edt:	05/31/2008		

Violation id:	82897	Orig code:	S
State:	PR	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	06/01/2008
Cmp edt:	06/30/2008		

Violation id:	9007788	Orig code:	S
State:	PR	Violation Year:	2007
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	42	Violation name:	Failure to Filter (SWTR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2007
Cmp edt:	Not Reported		

Violation id:	9007789	Orig code:	S
State:	PR	Violation Year:	2008
Contamination code:	0200	Contamination Name:	SWTR
Violation code:	42	Violation name:	Failure to Filter (SWTR)
Rule code:	121	Rule name:	SWTR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2008
Cmp edt:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9419218	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Max Contaminant Level, Acute (TCR)		
Violation start date:	020194	Violation end date:	022894
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Not Reported	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9419584	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	010194	Violation end date:	013194
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9419886	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)

Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	030194	Violation end date:	033194
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	Not Reported	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	Not Reported
Violation type:	Not Reported	Violation start date:	Not Reported
Violation end date:	Not Reported	Violation period (months):	Not Reported
Violation awareness date:	Not Reported	Major violator:	Not Reported
Maximum contaminant level:	Not Reported	Number of required samples:	Not Reported
Number of samples taken:	Not Reported	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9420852	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	050194	Violation end date:	053194
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9420851	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	060194	Violation end date:	063094
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9420850	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	040194	Violation end date:	043094
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9418557	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	100193	Violation end date:	103193
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9418699	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	110193	Violation end date:	113093
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9418837	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	120193	Violation end date:	123193
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

Violation ID:	1133791	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	1133791	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	1133791	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal

Violation ID:	11567	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/15/2009
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal

Violation ID:	1159091	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	1159091	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal

Violation ID:	1159091	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	1168491	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal

Violation ID:	1168491	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	1168491	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	11727	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	10/15/2009
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	1184391	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1184391	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1184391	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	11883	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	11/15/2009
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	1192391	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1192391	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1192391	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1216691	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1216691	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1216691	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1282191	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1282191	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1282191	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1304491	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1304491	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1304491	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1327091	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1327091	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1327091	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1396792	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1396792	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1396792	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1419092	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1419092	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1419092	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1442792	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1442792	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1442792	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1493792	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1493792	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	1493792	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1535992	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1535992	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1535992	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1588692	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1588692	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1588692	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1620593	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1620593	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1620593	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1668593	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1668593	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1668593	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1716193	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1716193	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1716193	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000

Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1783493	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1783493	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1783493	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1855794	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1855794	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1855794	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1869994	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1869994	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1869994	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1883794	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1883794	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1883794	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1921894	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1921894	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1921894	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	1958494	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1958494	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1958494	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1988694	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	1988694	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	1988694	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2085094	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2085094	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2085094	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2085194	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2085194	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2085194	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2085294	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2085294	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2085294	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2217394	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2217394	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2217394	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2217494	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2217494	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2217494	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2217594	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2217594	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2217594	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2282895	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2282895	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2282895	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2298595	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2298595	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2298595	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2316195	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	2316195	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2316195	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2378795	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2378795	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2378795	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2403695	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2403695	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2403695	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2456695	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2456695	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2456695	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2523495	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2523495	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2523495	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2523595	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2523595	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2523595	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2523695	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2523695	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2523695	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2572395	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2572395	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2572395	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2572495	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2572495	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2572495	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2572595	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2572595	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2572595	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2672496	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2672496	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	2672496	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2672596	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2672596	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2672596	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2672696	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2672696	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2672696	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2729096	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2729096	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2729096	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2760196	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2760196	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2760196	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2774596	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2774596	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2774596	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000

Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2838396	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2838396	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2838396	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2899996	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2899996	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2899996	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2900096	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2900096	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2900096	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2996496	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2996496	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2996496	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2996596	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	2996596	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2996596	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	2996696	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2996696	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	2996696	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3103497	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3103497	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3103497	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3103597	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3103597	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3103597	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3103697	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3103697	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3103697	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3205397	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3205397	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3205397	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3205497	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail: Fed CFP issued
Enforcement Category: Formal

Violation ID: 3205497
Orig Code: F
Enforcemnt FY: 2003
Enforcement Action: 07/11/2003
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal

Violation ID: 3205497
Orig Code: F
Enforcemnt FY: 2000
Enforcement Action: 09/29/2000
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal

Violation ID: 3205597
Orig Code: F
Enforcemnt FY: 2003
Enforcement Action: 07/11/2003
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal

Violation ID: 3205597
Orig Code: F
Enforcemnt FY: 2000
Enforcement Action: 09/29/2000
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal

Violation ID: 3205597
Orig Code: F
Enforcemnt FY: 2003
Enforcement Action: 07/11/2003
Enforcement Detail: Fed CFP issued
Enforcement Category: Formal

Violation ID: 3305597
Orig Code: F
Enforcemnt FY: 2003
Enforcement Action: 07/11/2003
Enforcement Detail: Fed CFP issued
Enforcement Category: Formal

Violation ID: 3305597
Orig Code: F
Enforcemnt FY: 2003
Enforcement Action: 07/11/2003
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal

Violation ID: 3305597
Orig Code: F
Enforcemnt FY: 2000
Enforcement Action: 09/29/2000
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal

Violation ID: 3305697
Orig Code: F
Enforcemnt FY: 2000
Enforcement Action: 09/29/2000
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal

Violation ID: 3305697
Orig Code: F
Enforcemnt FY: 2003
Enforcement Action: 07/11/2003
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal

Violation ID: 3305697
Orig Code: F
Enforcemnt FY: 2003
Enforcement Action: 07/11/2003
Enforcement Detail: Fed CFP issued
Enforcement Category: Formal

Violation ID: 3305797
Orig Code: F
Enforcemnt FY: 2003
Enforcement Action: 07/11/2003
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal

Violation ID: 3305797
Orig Code: F
Enforcemnt FY: 2003
Enforcement Action: 07/11/2003
Enforcement Detail: Fed CFP issued
Enforcement Category: Formal

Violation ID: 3305797
Orig Code: F
Enforcemnt FY: 2000
Enforcement Action: 09/29/2000
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal

Violation ID: 3408197
Orig Code: F
Enforcemnt FY: 2003
Enforcement Action: 07/11/2003
Enforcement Detail: Fed CFP issued
Enforcement Category: Formal

Violation ID:	3408197	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3408197	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3408297	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3408297	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3408297	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3408397	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3408397	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3408397	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3530198	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3530198	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3530198	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3530298	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3530298	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3530298	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3530398	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3530398	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3530398	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3628598	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3628598	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3628598	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3628698	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3628698	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3628698	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3788198	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3788198	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3788198	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3788298	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3788298	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3788298	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3788398	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3788398	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal

Violation ID:	3788398	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3922498	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3922498	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3922498	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3922598	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3922598	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3922598	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3922698	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3922698	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3922698	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3978899	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3978899	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3978899	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3978999	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3978999	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	3978999	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3979099	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3979099	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	3979099	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	4079799	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4079799	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	4079799	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4079899	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4079899	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4079899	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	4079999	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	4079999	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4079999	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4372399	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4372399	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4372399	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal

Violation ID: 4372499
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4372499
Enforcemnt FY: 2000
Enforcement Detail: Fed FAO issued
Enforcement Category: Formal
Orig Code: F
Enforcement Action: 09/29/2000

Violation ID: 4372499
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4372599
Enforcemnt FY: 2000
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 09/29/2000
Enforcement Category: Formal

Violation ID: 4372599
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4372599
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4482299
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4482299
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4482299
Enforcemnt FY: 2000
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 09/29/2000
Enforcement Category: Formal

Violation ID: 4482399
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4482399
Enforcemnt FY: 2000
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 09/29/2000
Enforcement Category: Formal

Violation ID: 4482399
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4482499
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4482499
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4482499
Enforcemnt FY: 2000
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 09/29/2000
Enforcement Category: Formal

Violation ID: 4591900
Orig Code: S

Enforcemnt FY: 2000
Enforcement Detail: St Violation/Reminder Notice
Enforcement Action: 01/12/2000
Enforcement Category: Informal

Violation ID: 4592000
Enforcemnt FY: 2000
Enforcement Detail: St Violation/Reminder Notice
Orig Code: S
Enforcement Action: 02/02/2000
Enforcement Category: Informal

Violation ID: 4592100
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4592100
Enforcemnt FY: 2000
Enforcement Detail: St Public Notif issued
Orig Code: S
Enforcement Action: 02/02/2000
Enforcement Category: Informal

Violation ID: 4592100
Enforcemnt FY: 2000
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 09/29/2000
Enforcement Category: Formal

Violation ID: 4592100
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4592200
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4592200
Enforcemnt FY: 2000
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 09/29/2000
Enforcement Category: Formal

Violation ID: 4592200
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4592300
Enforcemnt FY: 2000
Enforcement Detail: St Violation/Reminder Notice
Orig Code: S
Enforcement Action: 01/12/2000
Enforcement Category: Informal

Violation ID: 4592300
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4592300
Enforcemnt FY: 2000
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 09/29/2000
Enforcement Category: Formal

Violation ID: 4592300
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 4686800
Enforcemnt FY: 2000
Enforcement Detail: St Violation/Reminder Notice
Orig Code: S
Enforcement Action: 03/13/2000
Enforcement Category: Informal

Violation ID: 4686900
Enforcemnt FY: 2000
Enforcement Detail: St Violation/Reminder Notice
Orig Code: S
Enforcement Action: 04/12/2000
Enforcement Category: Informal

Violation ID: 4687000
Enforcemnt FY: 2000
Enforcement Detail: St Violation/Reminder Notice
Orig Code: S
Enforcement Action: 05/03/2000
Enforcement Category: Informal

Violation ID:	4687100	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4687100	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	03/13/2000
Enforcement Detail:	St Public Notif issued	Enforcement Category:	Informal
Violation ID:	4687100	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	4687100	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4687200	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4687200	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4687200	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	4687200	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	04/12/2000
Enforcement Detail:	St Public Notif issued	Enforcement Category:	Informal
Violation ID:	4687300	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	4687300	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	05/03/2000
Enforcement Detail:	St Public Notif issued	Enforcement Category:	Informal
Violation ID:	4687300	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	4687300	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5019400	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5019400	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5019400	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5019500	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5019500	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5019500	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5019600	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5019600	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5019600	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5118701	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	12/12/2000
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5118801	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	01/11/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5118901	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	02/13/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5119001	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5119001	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	01/11/2001
Enforcement Detail:	St Public Notif issued	Enforcement Category:	Informal
Violation ID:	5119001	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5119001	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5119101	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5119101	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5119101	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID: 5119101
Enforcemnt FY: 2001
Enforcement Detail: St Public Notif issued
Orig Code: S
Enforcement Action: 02/13/2001
Enforcement Category: Informal

Violation ID: 5119201
Enforcemnt FY: 2001
Enforcement Detail: St Violation/Reminder Notice
Orig Code: S
Enforcement Action: 12/12/2000
Enforcement Category: Informal

Violation ID: 5119201
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 5119201
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 5119201
Enforcemnt FY: 2000
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 09/29/2000
Enforcement Category: Formal

Violation ID: 5204301
Enforcemnt FY: 2001
Enforcement Detail: St Violation/Reminder Notice
Orig Code: S
Enforcement Action: 03/10/2001
Enforcement Category: Informal

Violation ID: 5204401
Enforcemnt FY: 2001
Enforcement Detail: St Violation/Reminder Notice
Orig Code: S
Enforcement Action: 04/18/2001
Enforcement Category: Informal

Violation ID: 5204501
Enforcemnt FY: 2001
Enforcement Detail: St Violation/Reminder Notice
Orig Code: S
Enforcement Action: 05/14/2001
Enforcement Category: Informal

Violation ID: 5204601
Enforcemnt FY: 2001
Enforcement Detail: St Public Notif issued
Orig Code: S
Enforcement Action: 05/14/2001
Enforcement Category: Informal

Violation ID: 5204601
Enforcemnt FY: 2000
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 09/29/2000
Enforcement Category: Formal

Violation ID: 5204601
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 5204601
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 5204701
Enforcemnt FY: 2003
Enforcement Detail: Fed CFP issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 5204701
Enforcemnt FY: 2003
Enforcement Detail: Fed FAO issued
Orig Code: F
Enforcement Action: 07/11/2003
Enforcement Category: Formal

Violation ID: 5204701
Enforcemnt FY: 2001
Enforcement Detail: St Violation/Reminder Notice
Orig Code: S
Enforcement Action: 03/10/2001
Enforcement Category: Informal

Violation ID: 5204701
Enforcemnt FY: 2000
Orig Code: F
Enforcement Action: 09/29/2000

Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5204801	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5204801	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5204801	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5204801	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	04/18/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5525201	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	05/19/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5525301	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	07/12/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5525401	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	08/09/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5525501	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	08/09/2001
Enforcement Detail:	St Public Notif issued	Enforcement Category:	Informal
Violation ID:	5525501	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5525501	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5525501	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5525601	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5525601	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5525601	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	05/19/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5525601	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal

Violation ID:	5525701	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	07/12/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5525701	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5525701	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5525701	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5618101	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	09/11/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5618201	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	10/22/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5618301	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/14/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5618401	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5618401	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5618401	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5618401	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	09/11/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5618501	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	10/22/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5618501	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5618501	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5618501	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5618601	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5618601	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/14/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5618601	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5618601	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5721701	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	12/13/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5721801	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	12/28/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5721901	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	02/12/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5722101	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5722101	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	12/28/2001
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5722101	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5722101	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5722201	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	02/12/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5722201	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5722201	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5722201	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5812302	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	03/18/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal

Violation ID:	5812402	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/16/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5812502	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	05/13/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5812702	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/16/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5812702	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5812702	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5812702	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5812802	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5812802	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5812802	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5812802	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	05/13/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5905602	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	06/13/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5905702	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	07/10/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5905802	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	08/08/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5906002	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5906002	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	07/10/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5906002	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5906002	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5906102	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5906102	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5906102	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5906102	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	08/08/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5921202	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	09/10/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5921302	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	10/10/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5921402	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	11/06/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5921502	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5921502	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5921502	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5921502	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	09/10/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5921602	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5921602	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5921602	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal

Violation ID:	5921602	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	10/10/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5921702	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5921702	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	11/06/2002
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	5921702	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5921702	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5951602	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5951602	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5951602	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5964902	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5964902	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5964902	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5982402	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	5982402	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	09/29/2000
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	5982402	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	6007103	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	6007103	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	6007203	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	6007203	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	6007303	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	6007303	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	60111	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	60111	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	60111	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	60111	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	60111	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/06/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	60111	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	60287	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	60287	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	60287	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	60287	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	60287	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal

Violation ID:	60287	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/06/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	60458	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	60458	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	60458	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	60458	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	60458	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/06/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	60458	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	6062903	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	6062903	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	6062903	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	03/13/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6080703	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	6080703	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	6080703	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	04/14/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6097503	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	6097503	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	05/14/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6097503	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	6133503	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	07/23/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6133603	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	07/29/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6133703	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	08/12/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6133803	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	6133803	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	6133803	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	07/23/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6133903	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	07/29/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6133903	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	6133903	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	6134003	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	6134003	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	08/12/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6134003	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	61706	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	61706	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	61706	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal

Violation ID:	61706	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/06/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	61706	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	61706	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	61877	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	61877	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	61877	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	61877	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/06/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	61877	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	61877	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	62048	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	62048	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	62048	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	62048	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/06/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	62048	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	62048	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	6247903	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003

Enforcement Detail:	Fed CFP issued	Enforcement Category:	Formal
Violation ID:	6247903	Orig Code:	F
Enforcemnt FY:	2003	Enforcement Action:	07/11/2003
Enforcement Detail:	Fed FAO issued	Enforcement Category:	Formal
Violation ID:	6247903	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	09/18/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6248003	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	10/16/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6248103	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	11/14/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6289303	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	09/18/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6289403	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	10/16/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6289503	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	11/14/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6382404	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	12/11/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6382504	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	01/21/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6382604	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	02/12/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6382704	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	12/11/2003
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6382804	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	01/21/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6382904	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	02/12/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6488504	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	03/24/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6488604	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	04/27/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal

Violation ID:	6488704	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	05/11/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6488804	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	03/24/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6488904	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	04/27/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6489004	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	05/11/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6839904	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	06/15/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6840004	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	07/12/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6840104	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	08/13/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6840204	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	06/15/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6840304	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	07/12/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6840404	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	08/13/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6947504	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	09/13/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6947604	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/18/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6947704	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	11/05/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6947804	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	09/13/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6947904	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/18/2004
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	6948004	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	11/05/2004

Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	70097	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70097	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70097	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70097	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70104	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70104	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/06/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70104	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70104	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70104	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70104	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70250	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70250	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70250	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70250	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70257	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal

Violation ID: 70257
Enforcemnt FY: 2009
Enforcement Detail: St Unresolved
Orig Code: S
Enforcement Action: 01/09/2009
Enforcement Category: Informal

Violation ID: 70257
Enforcemnt FY: 2008
Enforcement Detail: St Unresolved
Orig Code: S
Enforcement Action: 09/09/2008
Enforcement Category: Informal

Violation ID: 70257
Enforcemnt FY: 2008
Enforcement Detail: St Unresolved
Orig Code: S
Enforcement Action: 03/06/2008
Enforcement Category: Informal

Violation ID: 70257
Enforcemnt FY: 2009
Enforcement Detail: St Boil Water Order
Orig Code: S
Enforcement Action: 03/30/2009
Enforcement Category: Informal

Violation ID: 70257
Enforcemnt FY: 2009
Enforcement Detail: St Boil Water Order
Orig Code: S
Enforcement Action: 09/10/2009
Enforcement Category: Informal

Violation ID: 70409
Enforcemnt FY: 2009
Enforcement Detail: St Boil Water Order
Orig Code: S
Enforcement Action: 09/10/2009
Enforcement Category: Informal

Violation ID: 70409
Enforcemnt FY: 2009
Enforcement Detail: St Boil Water Order
Orig Code: S
Enforcement Action: 03/30/2009
Enforcement Category: Informal

Violation ID: 70409
Enforcemnt FY: 2008
Enforcement Detail: St Unresolved
Orig Code: S
Enforcement Action: 09/09/2008
Enforcement Category: Informal

Violation ID: 70409
Enforcemnt FY: 2009
Enforcement Action: 01/09/2009
Enforcement Category: Informal
Orig Code: S
Enforcement Detail: St Unresolved

Violation ID: 70418
Enforcemnt FY: 2009
Enforcement Detail: St Boil Water Order
Orig Code: S
Enforcement Action: 09/10/2009
Enforcement Category: Informal

Violation ID: 70418
Enforcemnt FY: 2009
Enforcement Detail: St Boil Water Order
Orig Code: S
Enforcement Action: 03/30/2009
Enforcement Category: Informal

Violation ID: 70418
Enforcemnt FY: 2008
Enforcement Detail: St Unresolved
Orig Code: S
Enforcement Action: 09/09/2008
Enforcement Category: Informal

Violation ID: 70418
Enforcemnt FY: 2008
Enforcement Detail: St Unresolved
Orig Code: S
Enforcement Action: 03/06/2008
Enforcement Category: Informal

Violation ID: 70418
Enforcemnt FY: 2008
Enforcement Detail: St Unresolved
Orig Code: S
Enforcement Action: 11/27/2007
Enforcement Category: Informal

Violation ID: 70418
Enforcemnt FY: 2009
Enforcement Detail: St Unresolved
Orig Code: S
Enforcement Action: 01/09/2009
Enforcement Category: Informal

Violation ID: 70585
Orig Code: S

Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70585	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70585	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/06/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70585	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70585	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70585	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70743	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70743	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70743	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70743	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70743	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70743	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/06/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70903	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	70903	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70903	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70903	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal

Violation ID:	70903	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	03/06/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	70903	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	11/27/2007
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	71100	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	71100	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	71100	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	71100	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	71260	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	71260	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	71260	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	71260	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	71417	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	71417	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	71417	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	71417	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80097	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80097	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009

Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80097	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80097	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80250	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80250	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80250	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80250	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80409	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80409	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80409	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80409	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80562	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80562	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80562	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80562	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80722	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal

Violation ID:	80722	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80722	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80722	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80879	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80879	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	80879	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	09/09/2008
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	80879	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	81104	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	81104	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	81104	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	81261	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	81261	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	81261	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	81421	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	81421	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	81421	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009

Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	82104	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	82261	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	82420	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	82582	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	82582	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	82582	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	82736	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	82736	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	82736	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	82897	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/30/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	82897	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	01/09/2009
Enforcement Detail:	St Unresolved	Enforcement Category:	Informal
Violation ID:	82897	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/10/2009
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	Not Reported	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	09/21/2005
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Not Reported		
Violation ID:	Not Reported	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	09/15/2005
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Not Reported		
Violation ID:	Not Reported	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	03/18/2002

Enforcement Detail: St Public Notif issued
Enforcement Category: Not Reported

Violation ID: Not Reported
Orig Code: S
Enforcemnt FY: 2005
Enforcement Action: 08/15/2005
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Not Reported

Violation ID: Not Reported
Orig Code: S
Enforcemnt FY: 2002
Enforcement Action: 12/13/2001
Enforcement Detail: St Public Notif issued
Enforcement Category: Not Reported

Violation ID: Not Reported
Orig Code: S
Enforcemnt FY: 2002
Enforcement Action: 06/13/2002
Enforcement Detail: St Public Notif issued
Enforcement Category: Not Reported

Violation ID: Not Reported
Orig Code: S
Enforcemnt FY: 2005
Enforcement Action: 07/29/2005
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Not Reported

Violation ID: Not Reported
Orig Code: S
Enforcemnt FY: 2005
Enforcement Action: 06/29/2005
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Not Reported

Violation ID: Not Reported
Orig Code: S
Enforcemnt FY: 2006
Enforcement Action: 11/15/2005
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 5204701
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 1/1/2001 0:00:00
Compliance end date: 1/31/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 5204701
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 1/1/2001 0:00:00
Compliance end date: 1/31/2001 0:00:00
Enforcement date: 9/29/2000 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 5204801
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 2/1/2001 0:00:00
Compliance end date: 2/28/2001 0:00:00
Enforcement date: 4/18/2001 0:00:00
Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 5204801
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 2/1/2001 0:00:00
Compliance end date: 2/28/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed CFP Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 5204801
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 2/1/2001 0:00:00
Compliance end date: 2/28/2001 0:00:00

Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5204801
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	2/1/2001 0:00:00	Compliance end date:	2/28/2001 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5525201
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	4/1/2001 0:00:00	Compliance end date:	4/30/2001 0:00:00
Enforcement date:	5/19/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5525301
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	5/1/2001 0:00:00	Compliance end date:	5/31/2001 0:00:00
Enforcement date:	7/12/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5525401
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	6/1/2001 0:00:00	Compliance end date:	6/30/2001 0:00:00
Enforcement date:	8/9/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5525501
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	6/1/2001 0:00:00	Compliance end date:	6/30/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5525501
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	6/1/2001 0:00:00	Compliance end date:	6/30/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5525501
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	6/1/2001 0:00:00	Compliance end date:	6/30/2001 0:00:00
Enforcement date:	8/9/2001 0:00:00	Enforcement action:	State Public Notif Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5525501
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	6/1/2001 0:00:00	Compliance end date:	6/30/2001 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 4/1/2001 0:00:00
Enforcement date: 5/19/2001 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5525601
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 4/30/2001 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 4/1/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5525601
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 4/30/2001 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 4/1/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5525601
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 4/30/2001 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 4/1/2001 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5525601
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 4/30/2001 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 5/1/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5525701
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 5/31/2001 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 5/1/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5525701
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 5/31/2001 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 5/1/2001 0:00:00
Enforcement date: 7/12/2001 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5525701
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 5/31/2001 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 5/1/2001 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5525701
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 5/31/2001 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: SWTR
Violation type: Monitoring, Routine/Repeat (SWTR-Unfilt)
Compliance start date: 7/1/2001 0:00:00
Enforcement date: 9/11/2001 0:00:00
Population served: 80
Violation ID: 5618101
Compliance end date: 7/31/2001 0:00:00
Enforcement action: State Violation/Reminder Notice

Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618201
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	8/1/2001 0:00:00	Compliance end date:	8/31/2001 0:00:00
Enforcement date:	10/22/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618301
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	9/1/2001 0:00:00	Compliance end date:	9/30/2001 0:00:00
Enforcement date:	11/14/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618401
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2001 0:00:00	Compliance end date:	7/31/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618401
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2001 0:00:00	Compliance end date:	7/31/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618401
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2001 0:00:00	Compliance end date:	7/31/2001 0:00:00
Enforcement date:	9/11/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618401
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2001 0:00:00	Compliance end date:	7/31/2001 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618501
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2001 0:00:00	Compliance end date:	8/31/2001 0:00:00
Enforcement date:	10/22/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618501
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2001 0:00:00	Compliance end date:	8/31/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618501

Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2001 0:00:00	Compliance end date:	8/31/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618501
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2001 0:00:00	Compliance end date:	8/31/2001 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618601
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2001 0:00:00	Compliance end date:	9/30/2001 0:00:00
Enforcement date:	11/14/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618601
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2001 0:00:00	Compliance end date:	9/30/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618601
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2001 0:00:00	Compliance end date:	9/30/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5618601
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2001 0:00:00	Compliance end date:	9/30/2001 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5721701
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	10/1/2001 0:00:00	Compliance end date:	10/31/2001 0:00:00
Enforcement date:	12/13/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5721801
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	11/1/2001 0:00:00	Compliance end date:	11/30/2001 0:00:00
Enforcement date:	12/28/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5721901
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	12/1/2001 0:00:00	Compliance end date:	12/31/2001 0:00:00
Enforcement date:	2/12/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice

Violation measurement: Not Reported

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 11/1/2001 0:00:00
Enforcement date: 12/28/2001 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5722101
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 11/30/2001 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 11/1/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5722101
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 11/30/2001 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 11/1/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5722101
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 11/30/2001 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 11/1/2001 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5722101
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 11/30/2001 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2001 0:00:00
Enforcement date: 2/12/2002 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5722201
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 12/31/2001 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5722201
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 12/31/2001 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5722201
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 12/31/2001 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2001 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5722201
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 12/31/2001 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: SWTR
Violation type: Monitoring, Routine/Repeat (SWTR-Unfilt)
Population served: 80
Violation ID: 5812302

Compliance start date:	1/1/2002 0:00:00	Compliance end date:	1/31/2002 0:00:00
Enforcement date:	3/18/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5812402
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	2/1/2002 0:00:00	Compliance end date:	2/28/2002 0:00:00
Enforcement date:	4/16/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5812502
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	3/1/2002 0:00:00	Compliance end date:	3/31/2002 0:00:00
Enforcement date:	5/13/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5812702
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	2/1/2002 0:00:00	Compliance end date:	2/28/2002 0:00:00
Enforcement date:	4/16/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5812702
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	2/1/2002 0:00:00	Compliance end date:	2/28/2002 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5812702
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	2/1/2002 0:00:00	Compliance end date:	2/28/2002 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5812702
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	2/1/2002 0:00:00	Compliance end date:	2/28/2002 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5812802
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2002 0:00:00	Compliance end date:	3/31/2002 0:00:00
Enforcement date:	5/13/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5812802
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2002 0:00:00	Compliance end date:	3/31/2002 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5812802
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2002 0:00:00	Compliance end date:	3/31/2002 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5812802
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2002 0:00:00	Compliance end date:	3/31/2002 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5905602
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	4/1/2002 0:00:00	Compliance end date:	4/30/2002 0:00:00
Enforcement date:	6/13/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5905702
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	5/1/2002 0:00:00	Compliance end date:	5/31/2002 0:00:00
Enforcement date:	7/10/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5905802
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	6/1/2002 0:00:00	Compliance end date:	6/30/2002 0:00:00
Enforcement date:	8/8/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5906002
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	5/1/2002 0:00:00	Compliance end date:	5/31/2002 0:00:00
Enforcement date:	7/10/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5906002
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	5/1/2002 0:00:00	Compliance end date:	5/31/2002 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5906002
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	5/1/2002 0:00:00	Compliance end date:	5/31/2002 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5906002
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)

Compliance start date: 5/1/2002 0:00:00 Compliance end date: 5/31/2002 0:00:00
Enforcement date: 9/29/2000 0:00:00 Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I Population served: 80
PWS type code: C Violation ID: 5906102
Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 6/1/2002 0:00:00 Compliance end date: 6/30/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00 Enforcement action: Fed CFP Issued
Violation measurement: Not Reported

PWS name: PALOMAS I Population served: 80
PWS type code: C Violation ID: 5906102
Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 6/1/2002 0:00:00 Compliance end date: 6/30/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00 Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I Population served: 80
PWS type code: C Violation ID: 5906102
Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 6/1/2002 0:00:00 Compliance end date: 6/30/2002 0:00:00
Enforcement date: 8/8/2002 0:00:00 Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: PALOMAS I Population served: 80
PWS type code: C Violation ID: 5906102
Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 6/1/2002 0:00:00 Compliance end date: 6/30/2002 0:00:00
Enforcement date: 9/29/2000 0:00:00 Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I Population served: 80
PWS type code: C Violation ID: 5921202
Contaminant: SWTR
Violation type: Monitoring, Routine/Repeat (SWTR-Unfilt)
Compliance start date: 7/1/2002 0:00:00 Compliance end date: 7/31/2002 0:00:00
Enforcement date: 9/10/2002 0:00:00 Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: PALOMAS I Population served: 80
PWS type code: C Violation ID: 5921302
Contaminant: SWTR
Violation type: Monitoring, Routine/Repeat (SWTR-Unfilt)
Compliance start date: 8/1/2002 0:00:00 Compliance end date: 8/31/2002 0:00:00
Enforcement date: 10/10/2002 0:00:00 Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: PALOMAS I Population served: 80
PWS type code: C Violation ID: 5921402
Contaminant: SWTR
Violation type: Monitoring, Routine/Repeat (SWTR-Unfilt)
Compliance start date: 9/1/2002 0:00:00 Compliance end date: 9/30/2002 0:00:00
Enforcement date: 11/6/2002 0:00:00 Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: PALOMAS I Population served: 80
PWS type code: C Violation ID: 5921502
Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 7/1/2002 0:00:00 Compliance end date: 7/31/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00 Enforcement action: Fed CFP Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 7/1/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921502
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 7/31/2002 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 7/1/2002 0:00:00
Enforcement date: 9/10/2002 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921502
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 7/31/2002 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 7/1/2002 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921502
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 7/31/2002 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 8/1/2002 0:00:00
Enforcement date: 10/10/2002 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921602
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 8/31/2002 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 8/1/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921602
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 8/31/2002 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 8/1/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921602
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 8/31/2002 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 8/1/2002 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921602
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 8/31/2002 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2002 0:00:00
Enforcement date: 11/6/2002 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921702
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2002 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921702
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2002 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921702
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2002 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2002 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5921702
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2002 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 10/1/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5951602
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 10/31/2001 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 10/1/2001 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5951602
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 10/31/2001 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 10/1/2001 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5951602
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 10/31/2001 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 1/1/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5964902
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 1/31/2002 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 1/1/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5964902
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 1/31/2002 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 1/1/2002 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5964902
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 1/31/2002 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 4/1/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5982402
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 4/30/2002 0:00:00
Enforcement action: Fed CFP Issued

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5982402
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	4/1/2002 0:00:00	Compliance end date:	4/30/2002 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5982402
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	4/1/2002 0:00:00	Compliance end date:	4/30/2002 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6006803
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	10/1/2002 0:00:00	Compliance end date:	10/31/2002 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6006903
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	11/1/2002 0:00:00	Compliance end date:	11/30/2002 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6007003
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	12/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6007103
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2002 0:00:00	Compliance end date:	10/31/2002 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6007103
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2002 0:00:00	Compliance end date:	10/31/2002 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6007203
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	11/1/2002 0:00:00	Compliance end date:	11/30/2002 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6007203
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)

Compliance start date: 11/1/2002 0:00:00
Compliance end date: 11/30/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 6007303
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 12/1/2002 0:00:00
Compliance end date: 12/31/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed CFP Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 6007303
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 12/1/2002 0:00:00
Compliance end date: 12/31/2002 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60111
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 10/1/2006 0:00:00
Compliance end date: 10/31/2006 0:00:00
Enforcement date: 1/9/2009 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60111
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 10/1/2006 0:00:00
Compliance end date: 10/31/2006 0:00:00
Enforcement date: 11/27/2007 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60111
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 10/1/2006 0:00:00
Compliance end date: 10/31/2006 0:00:00
Enforcement date: 3/30/2009 0:00:00
Enforcement action: State Boil Water Order
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60111
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 10/1/2006 0:00:00
Compliance end date: 10/31/2006 0:00:00
Enforcement date: 3/6/2008 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60111
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 10/1/2006 0:00:00
Compliance end date: 10/31/2006 0:00:00
Enforcement date: 9/9/2008 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60287
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 11/1/2006 0:00:00
Compliance end date: 11/30/2006 0:00:00
Enforcement date: 1/9/2009 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60287

Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 11/1/2006 0:00:00
Compliance end date: 11/30/2006 0:00:00
Enforcement date: 11/27/2007 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60287
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 11/1/2006 0:00:00
Compliance end date: 11/30/2006 0:00:00
Enforcement date: 3/30/2009 0:00:00
Enforcement action: State Boil Water Order
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60287
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 11/1/2006 0:00:00
Compliance end date: 11/30/2006 0:00:00
Enforcement date: 3/6/2008 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60287
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 11/1/2006 0:00:00
Compliance end date: 11/30/2006 0:00:00
Enforcement date: 9/9/2008 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60458
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 12/1/2006 0:00:00
Compliance end date: 12/31/2006 0:00:00
Enforcement date: 1/9/2009 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60458
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 12/1/2006 0:00:00
Compliance end date: 12/31/2006 0:00:00
Enforcement date: 11/27/2007 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60458
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 12/1/2006 0:00:00
Compliance end date: 12/31/2006 0:00:00
Enforcement date: 3/30/2009 0:00:00
Enforcement action: State Boil Water Order
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60458
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 12/1/2006 0:00:00
Compliance end date: 12/31/2006 0:00:00
Enforcement date: 3/6/2008 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 60458
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 12/1/2006 0:00:00
Compliance end date: 12/31/2006 0:00:00
Enforcement date: 9/9/2008 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80

PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 1/1/2003 0:00:00
Enforcement date: 3/13/2003 0:00:00
Violation measurement: Not Reported
Violation ID: 6062903
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 1/31/2003 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 1/1/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 6062903
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 1/31/2003 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 1/1/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 6062903
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 1/31/2003 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 1/1/2006 0:00:00
Enforcement date: No Enf Action as of
Violation measurement: Not Reported
Population served: 80
Violation ID: 60647
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 1/31/2006 0:00:00
Enforcement action: 7/8/2009 0:00:00

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 2/1/2003 0:00:00
Enforcement date: 4/14/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 6080703
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 2/28/2003 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 2/1/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 6080703
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 2/28/2003 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 2/1/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 6080703
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 2/28/2003 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 2/1/2006 0:00:00
Enforcement date: No Enf Action as of
Violation measurement: Not Reported
Population served: 80
Violation ID: 60827
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 2/28/2006 0:00:00
Enforcement action: 7/8/2009 0:00:00

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 3/1/2003 0:00:00
Enforcement date: 5/14/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 6097503
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 3/31/2003 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6097503
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2003 0:00:00	Compliance end date:	3/31/2003 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6097503
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2003 0:00:00	Compliance end date:	3/31/2003 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	60998
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2006 0:00:00	Compliance end date:	3/31/2006 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	61182
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	4/1/2006 0:00:00	Compliance end date:	4/30/2006 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6133503
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	4/1/2003 0:00:00	Compliance end date:	4/30/2003 0:00:00
Enforcement date:	7/23/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6133603
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	5/1/2003 0:00:00	Compliance end date:	5/31/2003 0:00:00
Enforcement date:	7/29/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6133703
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	6/1/2003 0:00:00	Compliance end date:	6/30/2003 0:00:00
Enforcement date:	8/12/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6133803
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	4/1/2003 0:00:00	Compliance end date:	4/30/2003 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6133803
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)

Compliance start date: 4/1/2003 0:00:00
Compliance end date: 4/30/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 6133803
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 4/1/2003 0:00:00
Compliance end date: 4/30/2003 0:00:00
Enforcement date: 7/23/2003 0:00:00
Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 6133903
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 5/1/2003 0:00:00
Compliance end date: 5/31/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed CFP Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 6133903
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 5/1/2003 0:00:00
Compliance end date: 5/31/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 6133903
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 5/1/2003 0:00:00
Compliance end date: 5/31/2003 0:00:00
Enforcement date: 7/29/2003 0:00:00
Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 6134003
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 6/1/2003 0:00:00
Compliance end date: 6/30/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed CFP Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 6134003
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 6/1/2003 0:00:00
Compliance end date: 6/30/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 6134003
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 6/1/2003 0:00:00
Compliance end date: 6/30/2003 0:00:00
Enforcement date: 8/12/2003 0:00:00
Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 61353
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 5/1/2006 0:00:00
Compliance end date: 5/31/2006 0:00:00
Enforcement date: No Enf Action as of
Enforcement action: 7/8/2009 0:00:00
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 61521

Contaminant: COLIFORM (TCR)
Compliance start date: 6/1/2006 0:00:00
Enforcement date: No Enf Action as of
Violation measurement: Not Reported
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 6/30/2006 0:00:00
Enforcement action: 7/8/2009 0:00:00

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 7/1/2006 0:00:00
Enforcement date: 1/9/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 61706
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 7/31/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 7/1/2006 0:00:00
Enforcement date: 11/27/2007 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 61706
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 7/31/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 7/1/2006 0:00:00
Enforcement date: 3/30/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 61706
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 7/31/2006 0:00:00
Enforcement action: State Boil Water Order

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 7/1/2006 0:00:00
Enforcement date: 3/6/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 61706
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 7/31/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 7/1/2006 0:00:00
Enforcement date: 9/9/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 61706
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 7/31/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 8/1/2006 0:00:00
Enforcement date: 1/9/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 61877
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 8/31/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 8/1/2006 0:00:00
Enforcement date: 11/27/2007 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 61877
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 8/31/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 8/1/2006 0:00:00
Enforcement date: 3/30/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 61877
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 8/31/2006 0:00:00
Enforcement action: State Boil Water Order

PWS name: PALOMAS I
Population served: 80

PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 8/1/2006 0:00:00
Enforcement date: 3/6/2008 0:00:00
Violation measurement: Not Reported
Violation ID: 61877
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 8/31/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 8/1/2006 0:00:00
Enforcement date: 9/9/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 61877
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 8/31/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2006 0:00:00
Enforcement date: 1/9/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 62048
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2006 0:00:00
Enforcement date: 11/27/2007 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 62048
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2006 0:00:00
Enforcement date: 3/30/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 62048
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2006 0:00:00
Enforcement action: State Boil Water Order

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2006 0:00:00
Enforcement date: 3/6/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 62048
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2006 0:00:00
Enforcement date: 9/9/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 62048
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2006 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 7/1/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 6247903
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 7/31/2003 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 7/1/2003 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 6247903
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 7/31/2003 0:00:00
Enforcement action: Fed FAO Issued

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6247903
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2003 0:00:00	Compliance end date:	7/31/2003 0:00:00
Enforcement date:	9/18/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6248003
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2003 0:00:00	Compliance end date:	8/31/2003 0:00:00
Enforcement date:	10/16/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6248103
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2003 0:00:00	Compliance end date:	9/30/2003 0:00:00
Enforcement date:	11/14/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6289303
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	7/1/2003 0:00:00	Compliance end date:	7/31/2003 0:00:00
Enforcement date:	9/18/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6289403
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	8/1/2003 0:00:00	Compliance end date:	8/31/2003 0:00:00
Enforcement date:	10/16/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6289503
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	9/1/2003 0:00:00	Compliance end date:	9/30/2003 0:00:00
Enforcement date:	11/14/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6382404
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	10/1/2003 0:00:00	Compliance end date:	10/31/2003 0:00:00
Enforcement date:	12/11/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6382504
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	11/1/2003 0:00:00	Compliance end date:	11/30/2003 0:00:00
Enforcement date:	1/21/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80

PWS type code:	C	Violation ID:	6382604
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	12/1/2003 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	2/12/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6382704
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2003 0:00:00	Compliance end date:	10/31/2003 0:00:00
Enforcement date:	12/11/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6382804
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	11/1/2003 0:00:00	Compliance end date:	11/30/2003 0:00:00
Enforcement date:	1/21/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6382904
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	12/1/2003 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	2/12/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6488504
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	1/1/2004 0:00:00	Compliance end date:	1/31/2004 0:00:00
Enforcement date:	3/24/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6488604
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	2/1/2004 0:00:00	Compliance end date:	2/29/2004 0:00:00
Enforcement date:	4/27/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6488704
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	3/1/2004 0:00:00	Compliance end date:	3/31/2004 0:00:00
Enforcement date:	5/11/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6488804
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	1/1/2004 0:00:00	Compliance end date:	1/31/2004 0:00:00
Enforcement date:	3/24/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6488904
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)

Compliance start date:	2/1/2004 0:00:00	Compliance end date:	2/29/2004 0:00:00
Enforcement date:	4/27/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6489004
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2004 0:00:00	Compliance end date:	3/31/2004 0:00:00
Enforcement date:	5/11/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6839904
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	4/1/2004 0:00:00	Compliance end date:	4/30/2004 0:00:00
Enforcement date:	6/15/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6840004
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	5/1/2004 0:00:00	Compliance end date:	5/31/2004 0:00:00
Enforcement date:	7/12/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6840104
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	6/1/2004 0:00:00	Compliance end date:	6/30/2004 0:00:00
Enforcement date:	8/13/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6840204
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	4/1/2004 0:00:00	Compliance end date:	4/30/2004 0:00:00
Enforcement date:	6/15/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6840304
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	5/1/2004 0:00:00	Compliance end date:	5/31/2004 0:00:00
Enforcement date:	7/12/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6840404
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	6/1/2004 0:00:00	Compliance end date:	6/30/2004 0:00:00
Enforcement date:	8/13/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6947504
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	7/1/2004 0:00:00	Compliance end date:	7/31/2004 0:00:00
Enforcement date:	9/13/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice

Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6947604
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	8/1/2004 0:00:00	Compliance end date:	8/31/2004 0:00:00
Enforcement date:	10/18/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6947704
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	9/1/2004 0:00:00	Compliance end date:	9/30/2004 0:00:00
Enforcement date:	11/5/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6947804
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2004 0:00:00	Compliance end date:	7/31/2004 0:00:00
Enforcement date:	9/13/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6947904
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2004 0:00:00	Compliance end date:	8/31/2004 0:00:00
Enforcement date:	10/18/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	6948004
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2004 0:00:00	Compliance end date:	9/30/2004 0:00:00
Enforcement date:	11/5/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70104
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	1/1/2007 0:00:00	Compliance end date:	1/31/2007 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70104
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	1/1/2007 0:00:00	Compliance end date:	1/31/2007 0:00:00
Enforcement date:	11/27/2007 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70104
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	1/1/2007 0:00:00	Compliance end date:	1/31/2007 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		
PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70104

Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 1/1/2007 0:00:00
Compliance end date: 1/31/2007 0:00:00
Enforcement date: 3/6/2008 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 70104
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 1/1/2007 0:00:00
Compliance end date: 1/31/2007 0:00:00
Enforcement date: 9/9/2008 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 70257
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 2/1/2007 0:00:00
Compliance end date: 2/28/2007 0:00:00
Enforcement date: 1/9/2009 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 70257
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 2/1/2007 0:00:00
Compliance end date: 2/28/2007 0:00:00
Enforcement date: 11/27/2007 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 70257
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 2/1/2007 0:00:00
Compliance end date: 2/28/2007 0:00:00
Enforcement date: 3/30/2009 0:00:00
Enforcement action: State Boil Water Order
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 70257
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 2/1/2007 0:00:00
Compliance end date: 2/28/2007 0:00:00
Enforcement date: 3/6/2008 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 70257
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 2/1/2007 0:00:00
Compliance end date: 2/28/2007 0:00:00
Enforcement date: 9/9/2008 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 70418
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 3/1/2007 0:00:00
Compliance end date: 3/31/2007 0:00:00
Enforcement date: 1/9/2009 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 70418
Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 3/1/2007 0:00:00
Compliance end date: 3/31/2007 0:00:00
Enforcement date: 11/27/2007 0:00:00
Enforcement action: State Unresolved
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80

PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 3/1/2007 0:00:00
Enforcement date: 3/30/2009 0:00:00
Violation measurement: Not Reported
Violation ID: 70418
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 3/31/2007 0:00:00
Enforcement action: State Boil Water Order

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 3/1/2007 0:00:00
Enforcement date: 3/6/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 70418
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 3/31/2007 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 3/1/2007 0:00:00
Enforcement date: 9/9/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 70418
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 3/31/2007 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 4/1/2007 0:00:00
Enforcement date: 1/9/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 70585
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 4/30/2007 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 4/1/2007 0:00:00
Enforcement date: 11/27/2007 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 70585
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 4/30/2007 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 4/1/2007 0:00:00
Enforcement date: 3/30/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 70585
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 4/30/2007 0:00:00
Enforcement action: State Boil Water Order

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 4/1/2007 0:00:00
Enforcement date: 3/6/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 70585
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 4/30/2007 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 4/1/2007 0:00:00
Enforcement date: 9/9/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 70585
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 4/30/2007 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 5/1/2007 0:00:00
Enforcement date: 1/9/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 70743
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 5/31/2007 0:00:00
Enforcement action: State Unresolved

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70743
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	5/1/2007 0:00:00	Compliance end date:	5/31/2007 0:00:00
Enforcement date:	11/27/2007 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70743
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	5/1/2007 0:00:00	Compliance end date:	5/31/2007 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70743
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	5/1/2007 0:00:00	Compliance end date:	5/31/2007 0:00:00
Enforcement date:	3/6/2008 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70743
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	5/1/2007 0:00:00	Compliance end date:	5/31/2007 0:00:00
Enforcement date:	9/9/2008 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70903
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	6/1/2007 0:00:00	Compliance end date:	6/30/2007 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70903
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	6/1/2007 0:00:00	Compliance end date:	6/30/2007 0:00:00
Enforcement date:	11/27/2007 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70903
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	6/1/2007 0:00:00	Compliance end date:	6/30/2007 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70903
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	6/1/2007 0:00:00	Compliance end date:	6/30/2007 0:00:00
Enforcement date:	3/6/2008 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	70903
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	6/1/2007 0:00:00	Compliance end date:	6/30/2007 0:00:00
Enforcement date:	9/9/2008 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7154305
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	10/1/2004 0:00:00	Compliance end date:	10/31/2004 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7154405
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	11/1/2004 0:00:00	Compliance end date:	11/30/2004 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7154505
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	12/1/2004 0:00:00	Compliance end date:	12/31/2004 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7154605
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	1/1/2005 0:00:00	Compliance end date:	1/31/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7154705
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	2/1/2005 0:00:00	Compliance end date:	2/28/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7154805
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	3/1/2005 0:00:00	Compliance end date:	3/31/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7154905
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2004 0:00:00	Compliance end date:	10/31/2004 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7155005
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	11/1/2004 0:00:00	Compliance end date:	11/30/2004 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7155105
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	12/1/2004 0:00:00	Compliance end date:	12/31/2004 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7155205
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	1/1/2005 0:00:00	Compliance end date:	1/31/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7155305
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	2/1/2005 0:00:00	Compliance end date:	2/28/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7155405
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2005 0:00:00	Compliance end date:	3/31/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7690605
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2005 0:00:00	Compliance end date:	7/31/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7690705
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2005 0:00:00	Compliance end date:	8/31/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7690805
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2005 0:00:00	Compliance end date:	9/30/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7797506
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	10/1/2005 0:00:00	Compliance end date:	10/31/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7797606
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	11/1/2005 0:00:00	Compliance end date:	11/30/2005 0:00:00

Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7797706
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	12/1/2005 0:00:00	Compliance end date:	12/31/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7797806
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2005 0:00:00	Compliance end date:	10/31/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7797906
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	11/1/2005 0:00:00	Compliance end date:	11/30/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	7798006
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	12/1/2005 0:00:00	Compliance end date:	12/31/2005 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80097
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2007 0:00:00	Compliance end date:	7/31/2007 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80097
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2007 0:00:00	Compliance end date:	7/31/2007 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80097
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2007 0:00:00	Compliance end date:	7/31/2007 0:00:00
Enforcement date:	9/9/2008 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80250
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2007 0:00:00	Compliance end date:	8/31/2007 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80250

Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2007 0:00:00	Compliance end date:	8/31/2007 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80250
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2007 0:00:00	Compliance end date:	8/31/2007 0:00:00
Enforcement date:	9/9/2008 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80409
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2007 0:00:00	Compliance end date:	9/30/2007 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80409
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2007 0:00:00	Compliance end date:	9/30/2007 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80409
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2007 0:00:00	Compliance end date:	9/30/2007 0:00:00
Enforcement date:	9/9/2008 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80562
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2007 0:00:00	Compliance end date:	10/31/2007 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80562
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2007 0:00:00	Compliance end date:	10/31/2007 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80562
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2007 0:00:00	Compliance end date:	10/31/2007 0:00:00
Enforcement date:	9/9/2008 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	80722
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	11/1/2007 0:00:00	Compliance end date:	11/30/2007 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80

PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 11/1/2007 0:00:00
Enforcement date: 3/30/2009 0:00:00
Violation measurement: Not Reported
Violation ID: 80722
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 11/30/2007 0:00:00
Enforcement action: State Boil Water Order

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 11/1/2007 0:00:00
Enforcement date: 9/9/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 80722
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 11/30/2007 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2007 0:00:00
Enforcement date: 1/9/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 80879
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 12/31/2007 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2007 0:00:00
Enforcement date: 3/30/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 80879
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 12/31/2007 0:00:00
Enforcement action: State Boil Water Order

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2007 0:00:00
Enforcement date: 9/9/2008 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 80879
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 12/31/2007 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 1/1/2008 0:00:00
Enforcement date: 1/9/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 81104
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 1/31/2008 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 1/1/2008 0:00:00
Enforcement date: 3/30/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 81104
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 1/31/2008 0:00:00
Enforcement action: State Boil Water Order

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 2/1/2008 0:00:00
Enforcement date: 1/9/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 81261
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 2/29/2008 0:00:00
Enforcement action: State Unresolved

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 2/1/2008 0:00:00
Enforcement date: 3/30/2009 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 81261
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 2/29/2008 0:00:00
Enforcement action: State Boil Water Order

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	81421
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2008 0:00:00	Compliance end date:	3/31/2008 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	81421
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	3/1/2008 0:00:00	Compliance end date:	3/31/2008 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	82582
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	4/1/2008 0:00:00	Compliance end date:	4/30/2008 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	82582
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	4/1/2008 0:00:00	Compliance end date:	4/30/2008 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	82736
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	5/1/2008 0:00:00	Compliance end date:	5/31/2008 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	82736
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	5/1/2008 0:00:00	Compliance end date:	5/31/2008 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	82897
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	6/1/2008 0:00:00	Compliance end date:	6/30/2008 0:00:00
Enforcement date:	1/9/2009 0:00:00	Enforcement action:	State Unresolved
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	82897
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	6/1/2008 0:00:00	Compliance end date:	6/30/2008 0:00:00
Enforcement date:	3/30/2009 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	9007788
Contaminant:	SWTR	Violation type:	Failure to Filter
Compliance start date:	1/1/2007 0:00:00	Compliance end date:	12/31/2025 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	4686800
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	1/1/2000 0:00:00	Compliance end date:	1/31/2000 0:00:00
Enforcement date:	3/13/2000 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	4686900
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	2/1/2000 0:00:00	Compliance end date:	2/29/2000 0:00:00
Enforcement date:	4/12/2000 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	4687000
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	3/1/2000 0:00:00	Compliance end date:	3/31/2000 0:00:00
Enforcement date:	5/3/2000 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	4687100
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	1/1/2000 0:00:00	Compliance end date:	1/31/2000 0:00:00
Enforcement date:	1/7/1997 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	4687100
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	1/1/2000 0:00:00	Compliance end date:	1/31/2000 0:00:00
Enforcement date:	3/13/2000 0:00:00	Enforcement action:	State Public Notif Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	4687100
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	1/1/2000 0:00:00	Compliance end date:	1/31/2000 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	4687100
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	1/1/2000 0:00:00	Compliance end date:	1/31/2000 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	4687100
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	1/1/2000 0:00:00	Compliance end date:	1/31/2000 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	4687200
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)

Compliance start date: 2/1/2000 0:00:00
Compliance end date: 2/29/2000 0:00:00
Enforcement date: 4/12/2000 0:00:00
Enforcement action: State Public Notif Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 4687200
Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Acute (TCR)
Compliance start date: 2/1/2000 0:00:00
Compliance end date: 2/29/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed CFP Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 4687200
Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Acute (TCR)
Compliance start date: 2/1/2000 0:00:00
Compliance end date: 2/29/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 4687200
Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Acute (TCR)
Compliance start date: 2/1/2000 0:00:00
Compliance end date: 2/29/2000 0:00:00
Enforcement date: 9/29/2000 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 4687300
Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Acute (TCR)
Compliance start date: 3/1/2000 0:00:00
Compliance end date: 3/31/2000 0:00:00
Enforcement date: 5/3/2000 0:00:00
Enforcement action: State Public Notif Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 4687300
Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Acute (TCR)
Compliance start date: 3/1/2000 0:00:00
Compliance end date: 3/31/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed CFP Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 4687300
Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Acute (TCR)
Compliance start date: 3/1/2000 0:00:00
Compliance end date: 3/31/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 4687300
Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Acute (TCR)
Compliance start date: 3/1/2000 0:00:00
Compliance end date: 3/31/2000 0:00:00
Enforcement date: 9/29/2000 0:00:00
Enforcement action: Fed FAO Issued
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80
PWS type code: C
Violation ID: 5019100
Contaminant: SWTR
Violation type: Monitoring, Routine/Repeat (SWTR-Unfilt)
Compliance start date: 7/1/2000 0:00:00
Compliance end date: 7/31/2000 0:00:00
Enforcement date: No Enf Action as of
Enforcement action: 7/8/2009 0:00:00
Violation measurement: Not Reported

PWS name: PALOMAS I
Population served: 80

PWS type code:	C	Violation ID:	5019200
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	8/1/2000 0:00:00	Compliance end date:	8/31/2000 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5019300
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	9/1/2000 0:00:00	Compliance end date:	9/30/2000 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5019400
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	7/1/2000 0:00:00	Compliance end date:	7/31/2000 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5019400
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	7/1/2000 0:00:00	Compliance end date:	7/31/2000 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5019400
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	7/1/2000 0:00:00	Compliance end date:	7/31/2000 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5019500
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2000 0:00:00	Compliance end date:	8/31/2000 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5019500
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2000 0:00:00	Compliance end date:	8/31/2000 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5019500
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	8/1/2000 0:00:00	Compliance end date:	8/31/2000 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5019600
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2000 0:00:00	Compliance end date:	9/30/2000 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued

Violation measurement: Not Reported

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5019600
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2000 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 9/1/2000 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5019600
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 9/30/2000 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: SWTR
Violation type: Monitoring, Routine/Repeat (SWTR-Unfilt)
Compliance start date: 10/1/2000 0:00:00
Enforcement date: 12/12/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5118701
Compliance end date: 10/31/2000 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: SWTR
Violation type: Monitoring, Routine/Repeat (SWTR-Unfilt)
Compliance start date: 11/1/2000 0:00:00
Enforcement date: 1/11/2001 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5118801
Compliance end date: 11/30/2000 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: SWTR
Violation type: Monitoring, Routine/Repeat (SWTR-Unfilt)
Compliance start date: 12/1/2000 0:00:00
Enforcement date: 2/13/2001 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5118901
Compliance end date: 12/31/2000 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 11/1/2000 0:00:00
Enforcement date: 1/11/2001 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119001
Violation type: Max Contaminant Level, Acute (TCR)
Compliance end date: 11/30/2000 0:00:00
Enforcement action: State Public Notif Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 11/1/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119001
Violation type: Max Contaminant Level, Acute (TCR)
Compliance end date: 11/30/2000 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 11/1/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119001
Violation type: Max Contaminant Level, Acute (TCR)
Compliance end date: 11/30/2000 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
Population served: 80

PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 11/1/2000 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Violation ID: 5119001
Violation type: Max Contaminant Level, Acute (TCR)
Compliance end date: 11/30/2000 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2000 0:00:00
Enforcement date: 2/13/2001 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119101
Violation type: Max Contaminant Level, Acute (TCR)
Compliance end date: 12/31/2000 0:00:00
Enforcement action: State Public Notif Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119101
Violation type: Max Contaminant Level, Acute (TCR)
Compliance end date: 12/31/2000 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119101
Violation type: Max Contaminant Level, Acute (TCR)
Compliance end date: 12/31/2000 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 12/1/2000 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119101
Violation type: Max Contaminant Level, Acute (TCR)
Compliance end date: 12/31/2000 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 10/1/2000 0:00:00
Enforcement date: 12/12/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119201
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 10/31/2000 0:00:00
Enforcement action: State Violation/Reminder Notice

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 10/1/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119201
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 10/31/2000 0:00:00
Enforcement action: Fed CFP Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 10/1/2000 0:00:00
Enforcement date: 7/11/2003 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119201
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 10/31/2000 0:00:00
Enforcement action: Fed FAO Issued

PWS name: PALOMAS I
PWS type code: C
Contaminant: COLIFORM (TCR)
Compliance start date: 10/1/2000 0:00:00
Enforcement date: 9/29/2000 0:00:00
Violation measurement: Not Reported
Population served: 80
Violation ID: 5119201
Violation type: Monitoring, Routine Major (TCR)
Compliance end date: 10/31/2000 0:00:00
Enforcement action: Fed FAO Issued

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5204301
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	1/1/2001 0:00:00	Compliance end date:	1/31/2001 0:00:00
Enforcement date:	3/10/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5204401
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	2/1/2001 0:00:00	Compliance end date:	2/28/2001 0:00:00
Enforcement date:	4/18/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5204501
Contaminant:	SWTR		
Violation type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Compliance start date:	3/1/2001 0:00:00	Compliance end date:	3/31/2001 0:00:00
Enforcement date:	5/14/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5204601
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	3/1/2001 0:00:00	Compliance end date:	3/31/2001 0:00:00
Enforcement date:	5/14/2001 0:00:00	Enforcement action:	State Public Notif Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5204601
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	3/1/2001 0:00:00	Compliance end date:	3/31/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5204601
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	3/1/2001 0:00:00	Compliance end date:	3/31/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5204601
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	3/1/2001 0:00:00	Compliance end date:	3/31/2001 0:00:00
Enforcement date:	9/29/2000 0:00:00	Enforcement action:	Fed FAO Issued
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5204701
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	1/1/2001 0:00:00	Compliance end date:	1/31/2001 0:00:00
Enforcement date:	3/10/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	PALOMAS I	Population served:	80
PWS type code:	C	Violation ID:	5204701
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)

Compliance start date:	1/1/2001 0:00:00	Compliance end date:	1/31/2001 0:00:00
Enforcement date:	7/11/2003 0:00:00	Enforcement action:	Fed CFP Issued
Violation measurement:	Not Reported		

B5
WSW **FED USGS** **USGS40001044592**
1/8 - 1/4 Mile
Lower

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	LA HACIENDA 1 WELL, COMERIO, PR		
Type:	Well	Description:	Not Reported
HUC:	21010005	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19660618	Well Depth:	150
Well Depth Units:	ft	Well Hole Depth:	150
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1966-06-18
Feet below surface:	30.0	Feet to sea level:	Not Reported
Note:	Not Reported		

B6
WSW **FED USGS** **USGS40001044591**
1/8 - 1/4 Mile
Lower

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	ATOR WELL, COMERIO, PR	Type:	Well
Description:	Not Reported	HUC:	21010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1955
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	114	Well Hole Depth Units:	ft

B7
WSW **FED USGS** **USGS40001044589**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	TORRES SUR WELL, COMERIO, PR		
Type:	Well	Description:	Not Reported
HUC:	21010005	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19661011	Well Depth:	78
Well Depth Units:	ft	Well Hole Depth:	80
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1966-10-11
Feet below surface:	32.0	Feet to sea level:	Not Reported
Note:	Not Reported		

8
NNE **FED USGS** **USGS40001044643**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	PR WELL, COMERIO, PR	Type:	Well
Description:	Not Reported	HUC:	21010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	195702
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	100	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1957-02
Feet below surface:	30.0	Feet to sea level:	Not Reported
Note:	Not Reported		

9
South **FED USGS** **USGS40001044572**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-PR		
Organization Name:	USGS Puerto Rico Water Science Center		
Monitor Location:	PINAS P WELL, COMERIO, PR	Type:	Well
Description:	Not Reported	HUC:	21010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1998-03-17
Feet below surface:	15.33	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Propiedades Ventana AL Rio

C. Eduardo Georgetti Km 0.01-0.03 Y Km 31.7-31.8

Comerio, PR 00782

Inquiry Number: 7143714.4

October 11, 2022

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

10/11/22

Site Name:

Propiedades Ventana AL Rio
C. Eduardo Georgetti Km 0.01-
Comerio, PR 00782
EDR Inquiry # 7143714.4

Client Name:

Zimmetry Environmental
PO Box 3545
Bayamon, PR 00956
Contact: Dilia Rosado

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Zimmetry Environmental were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# PI-08

Project: Propiedades Ventana al Rio

Coordinates:

Latitude:	18.217386 18° 13' 3" North
Longitude:	-66.226767 -66° 13' 36" West
UTM Zone:	Zone 19 North
UTM X Meters:	793312.66
UTM Y Meters:	2016456.93
Elevation:	641.29' above sea level

Maps Provided:

2018
2013
1982
1957
1953
1947
1946

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Comerio

7.5-minute, 24000

2013 Source Sheets



Comerio

7.5-minute, 24000

1982 Source Sheets



Barranquitas

7.5-minute, 20000
Aerial Photo Revised 1977



Comerio

7.5-minute, 20000
Aerial Photo Revised 1977

1957 Source Sheets



Comerio

7.5-minute, 20000
Aerial Photo Revised 1941



Barranquitas

7.5-minute, 20000
Aerial Photo Revised 1941

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953 Source Sheets



Barranquitas

7.5-minute, 30000
Aerial Photo Revised 1941



Comerio

7.5-minute, 30000
Aerial Photo Revised 1941

1947 Source Sheets



Comerio NO

7.5-minute, 10000



Barranquitas NE

7.5-minute, 10000

1946 Source Sheets



Comerio

7.5-minute, 30000

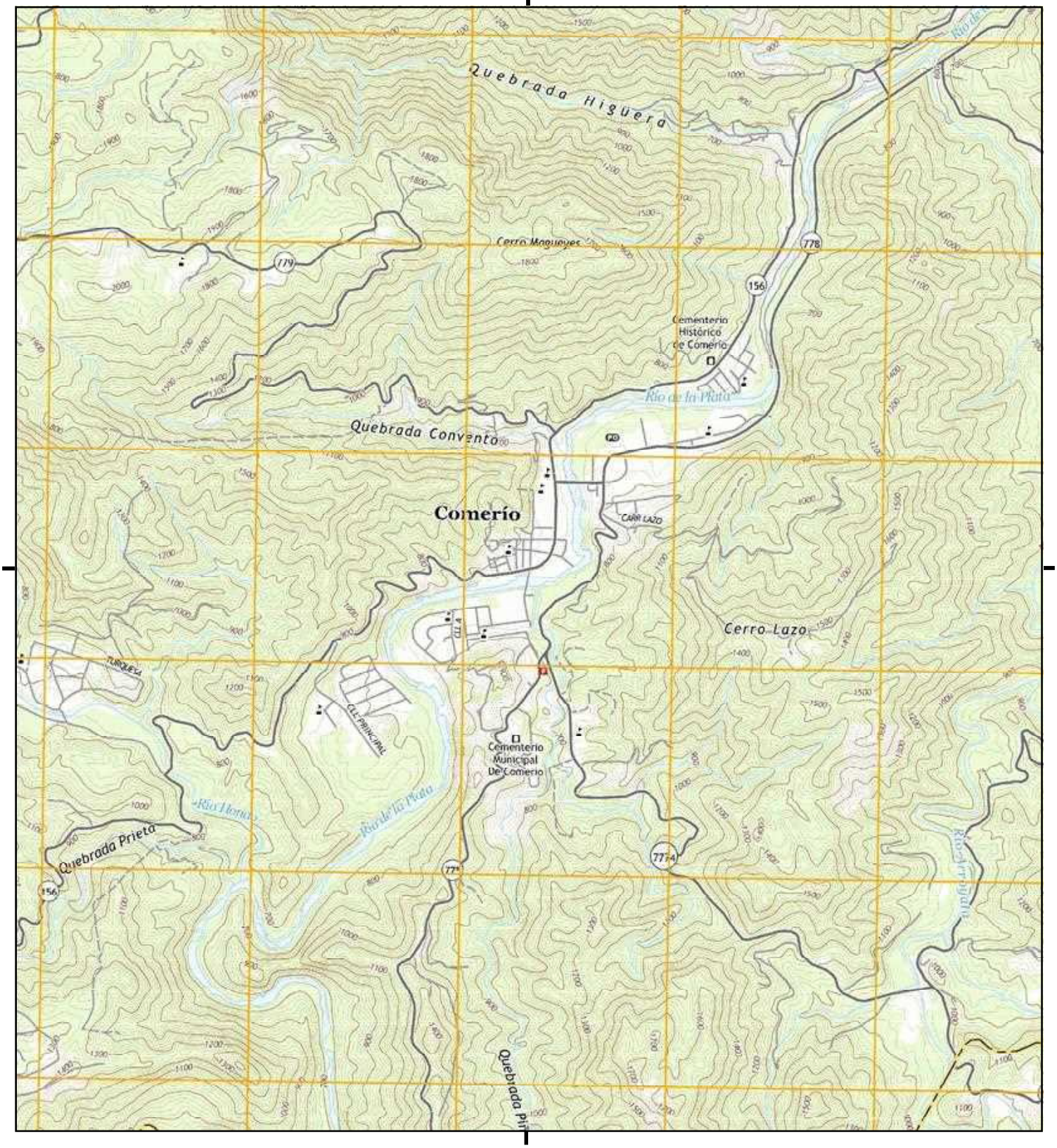


Barranquitas

7.5-minute, 30000

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

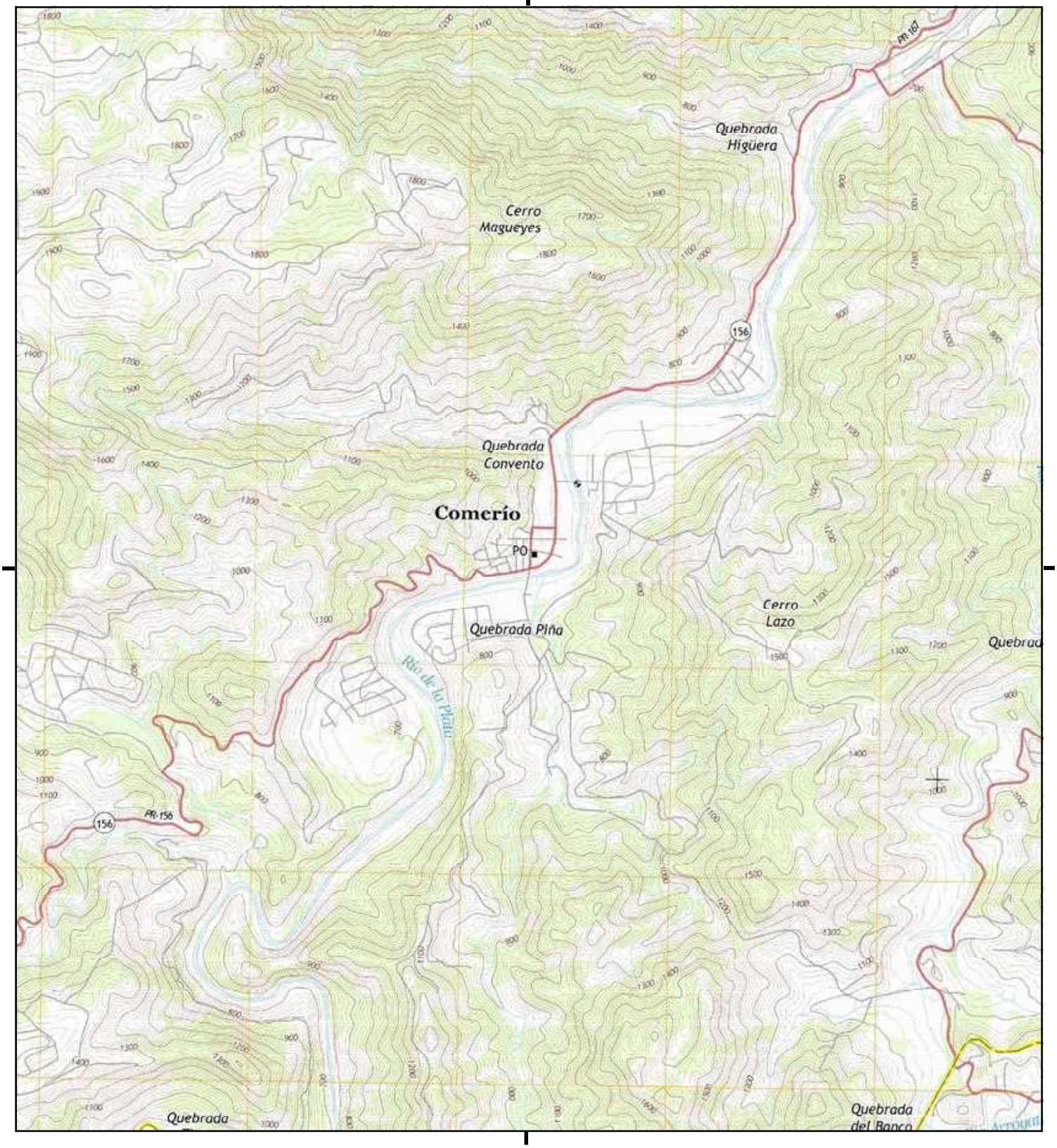
TP, Comerio, 2018, 7.5-minute

SITE NAME: Propiedades Ventana AL Rio
ADDRESS: C. Eduardo Georgetti Km 0.01-0.03 Y Km
Comerio, PR 00782
CLIENT: Zimmetry Environmental

N

Historical Topo Map

2013



This report includes information from the following map sheet(s).

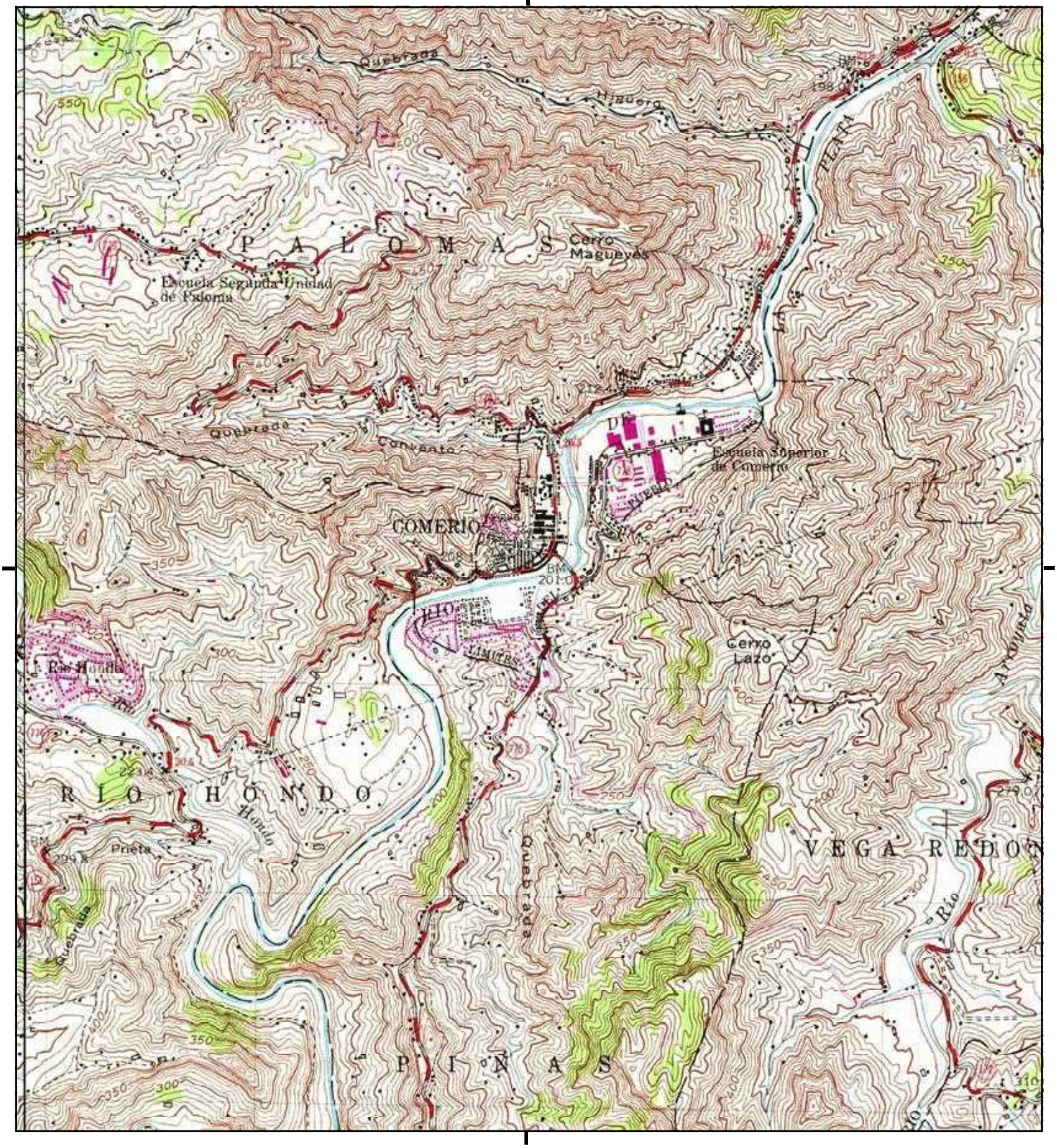
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Comerio, 2013, 7.5-minute

SITE NAME: Propiedades Ventana AL Rio
ADDRESS: C. Eduardo Georgetti Km 0.01-0.03 Y Km
Comerio, PR 00782
CLIENT: Zimmetry Environmental

N



This report includes information from the following map sheet(s).

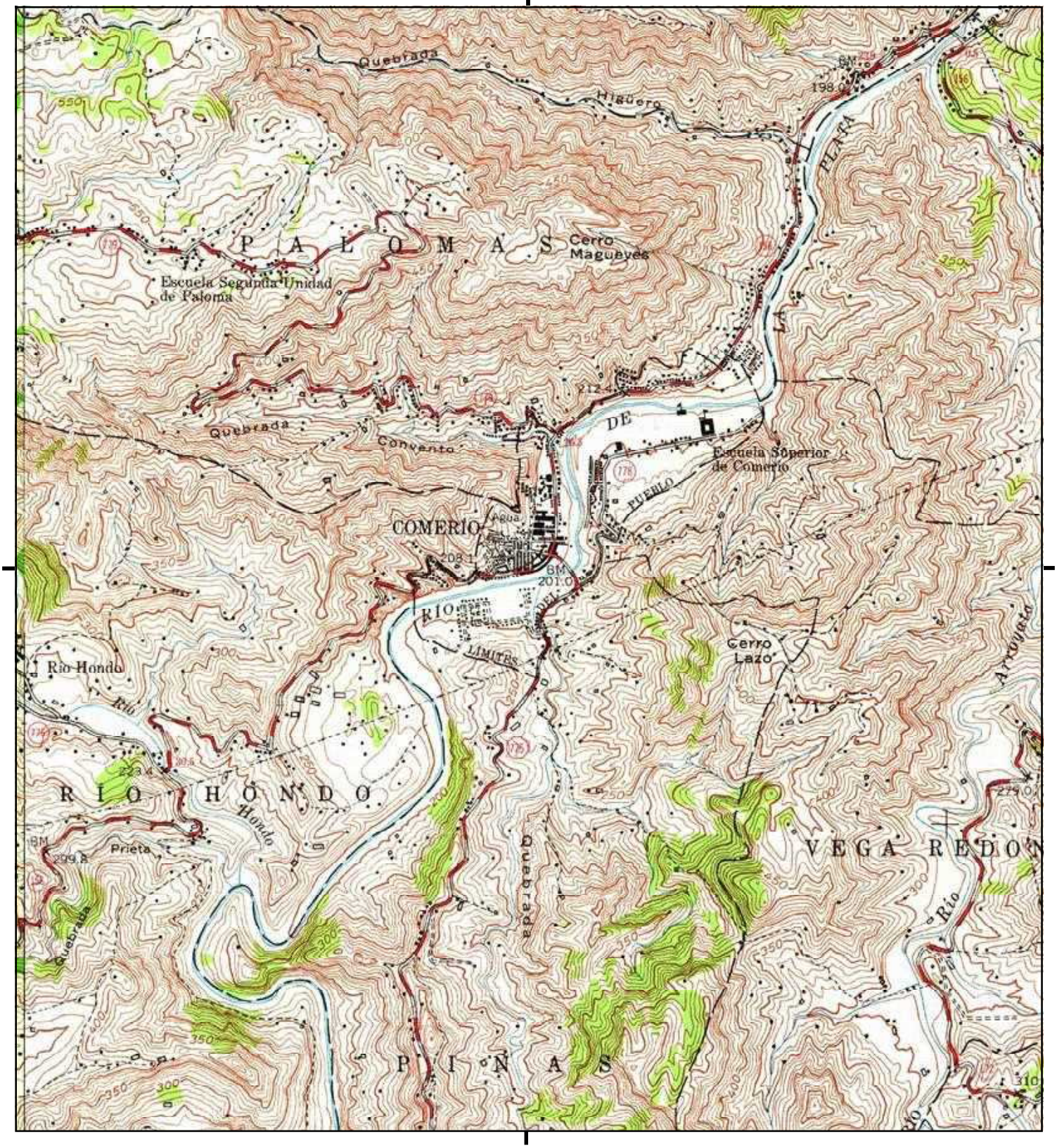
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Comerio, 1982, 7.5-minute
W, Barranquitas, 1982, 7.5-minute

SITE NAME: Propiedades Ventana AL Rio
ADDRESS: C. Eduardo Georgetti Km 0.01-0.03 Y Km
Comerio, PR 00782
CLIENT: Zimmetry Environmental

N



This report includes information from the following map sheet(s).

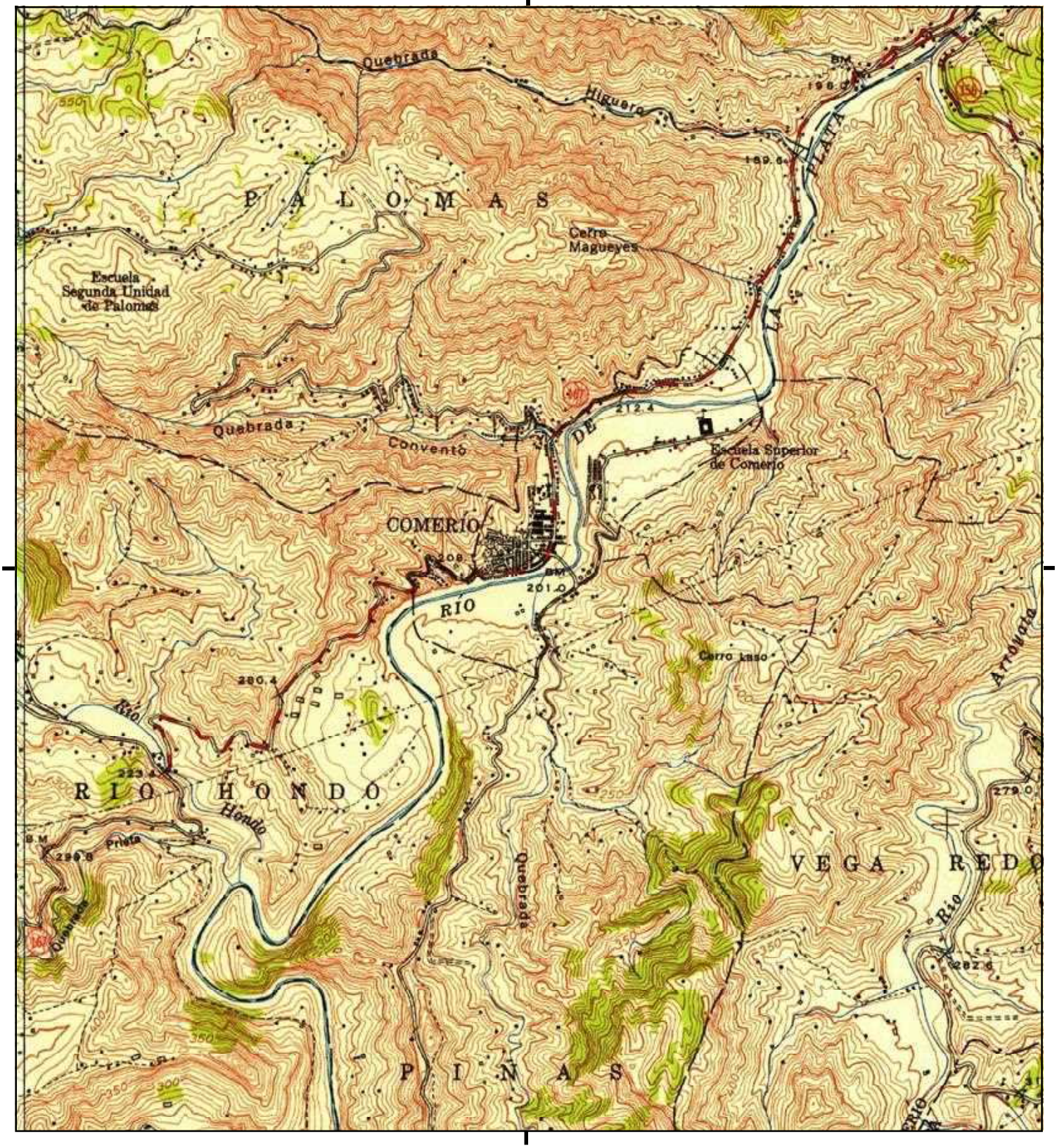
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Comerio, 1957, 7.5-minute
W, Barranquitas, 1957, 7.5-minute

SITE NAME: Propiedades Ventana AL Rio
ADDRESS: C. Eduardo Georgetti Km 0.01-0.03 Y Km
Comerio, PR 00782
CLIENT: Zimmetry Environmental

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

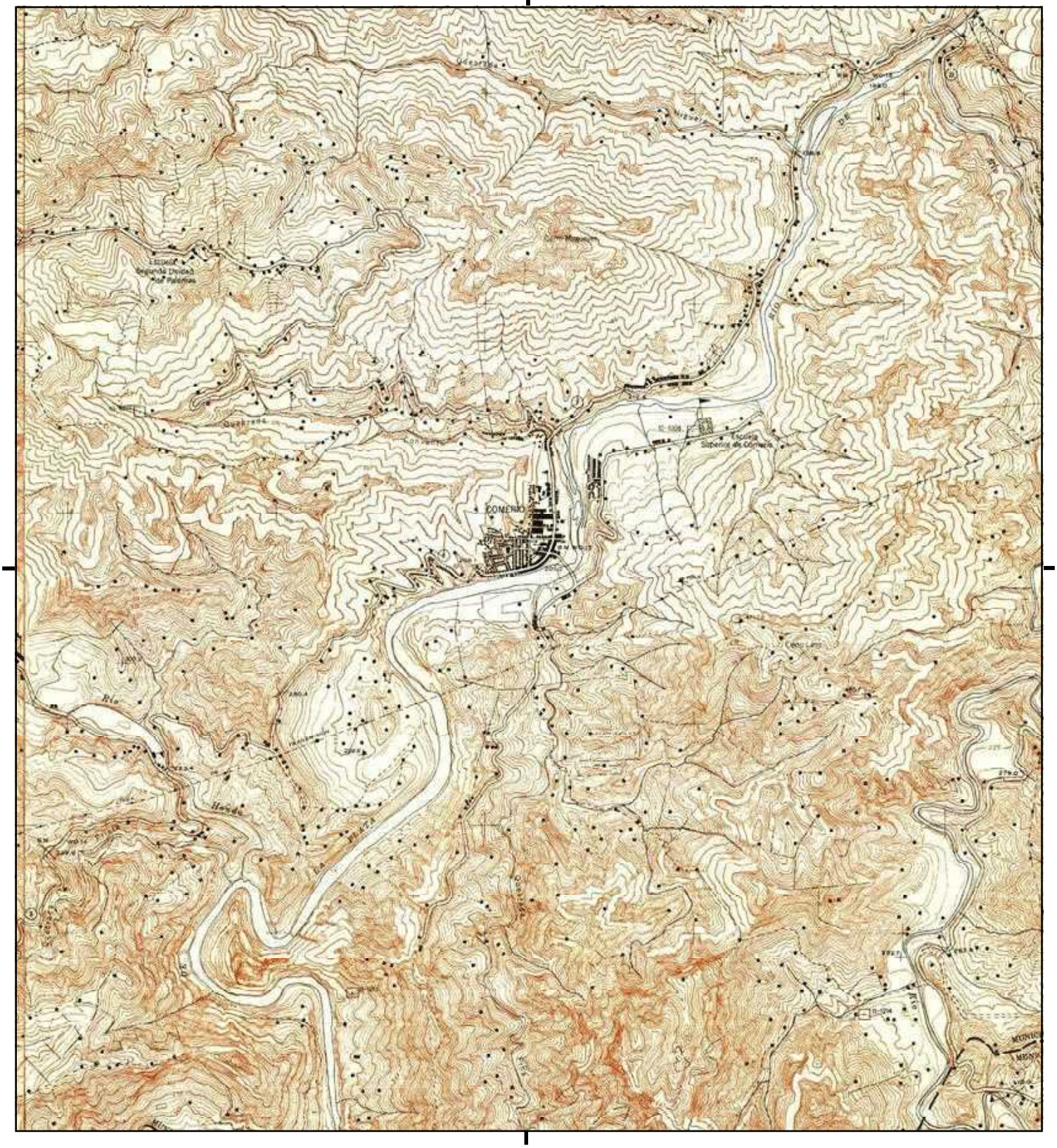
TP, Comerio, 1953, 7.5-minute
W, Barranquitas, 1953, 7.5-minute

SITE NAME: Propiedades Ventana AL Rio
ADDRESS: C. Eduardo Georgetti Km 0.01-0.03 Y Km
Comerio, PR 00782
CLIENT: Zimmetry Environmental

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

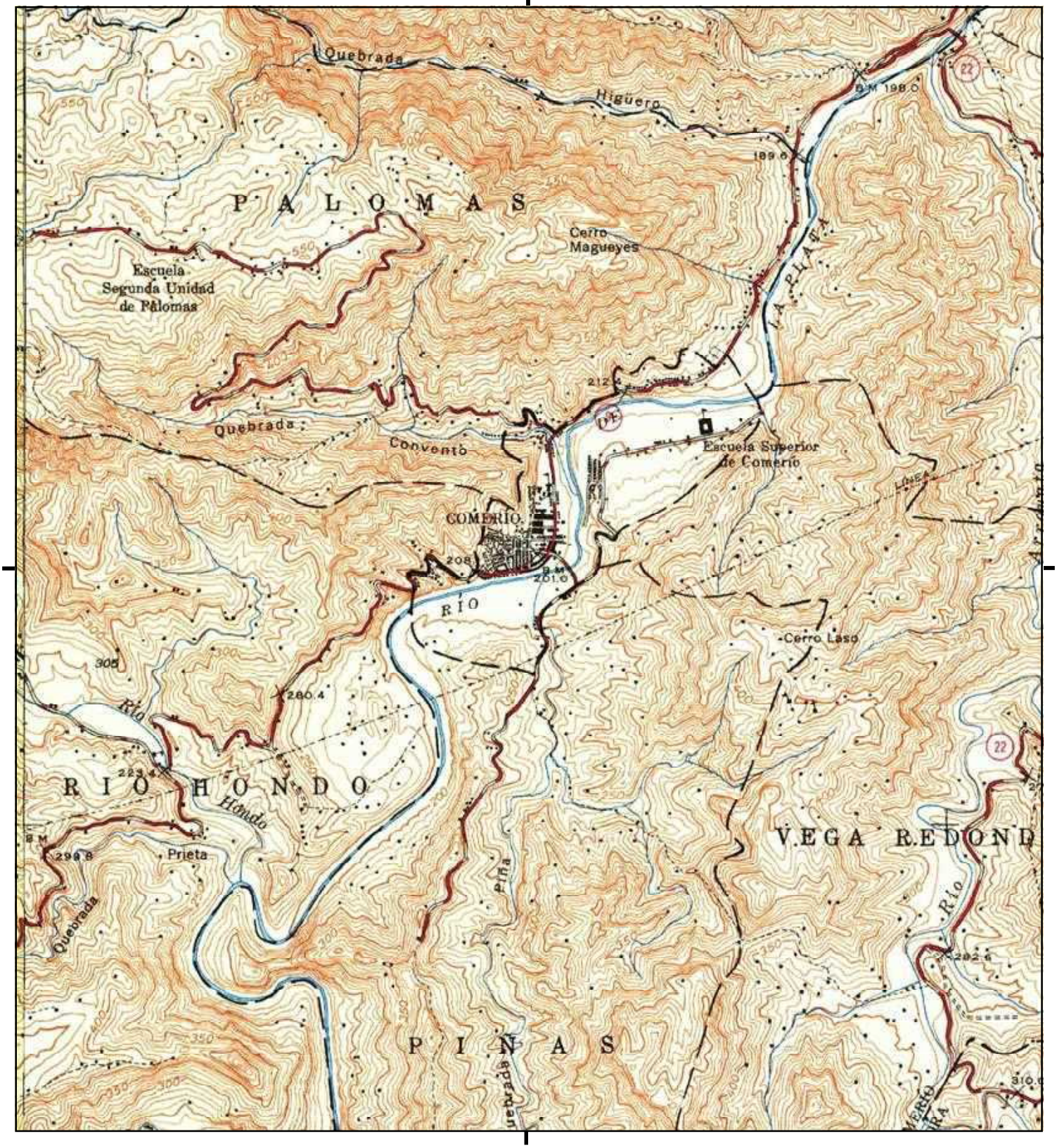
TP, Comerio NO, 1947, 7.5-minute
W, Barranquitas NE, 1947, 7.5-minute

SITE NAME: Propiedades Ventana AL Rio
ADDRESS: C. Eduardo Georgetti Km 0.01-0.03 Y Km
Comerio, PR 00782
CLIENT: Zimmetry Environmental

N

Historical Topo Map

1946



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Comerio, 1946, 7.5-minute
W, Barranquitas, 1946, 7.5-minute

SITE NAME: Propiedades Ventana AL Rio
ADDRESS: C. Eduardo Georgetti Km 0.01-0.03 Y Km
Comerio, PR 00782
CLIENT: Zimmetry Environmental

N

APPENDIX E: DATABASE ASSESSMENT CRITERIA

Phase I Environmental Site Assessment Report
Propiedades Ventana al Río, Calle Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, Puerto Rico.

DATABASE ASSESSMENT CRITERIA

Zimmetry used a Commercial Database service in the preparation of this report. Research into environmental regulatory agency database listings was performed by a third-party environmental regulatory agency database search firm. The purpose of the review was to identify reported environmental issues for the Subject Property and other properties in the vicinity. The database search firm utilized the more stringent approximate minimum search distances specified in the Scope of Work described in Section 1.4 for each of the referenced Federal and state environmental databases. The definition of the databases searched and the associated search distances from the Subject Property are identified in the regulatory agency database search report.

The regulatory agency database search report lists several sites identified as "unmappable." The database search firm was unable to confirm the physical locations of these sites relative to the Subject Property or to assess whether they were located within the designated search radii. Zimmetry independently reviewed the locations of these "unmappable" sites, to the extent possible, using various maps and our knowledge of the Subject Property area. Any of the "unmappable" sites determined to be within the designated search radii were included in our evaluation of the various listed sites' potential to result in a recognized environmental condition relative to the Subject Property.

Zimmetry reviewed the results of the database search report to note reported release sites in the vicinity of the Subject Property that were considered to have a potential to have adversely impacted the Subject Property (i.e., are known to have or are expected to result in recognized environmental conditions). Reported release sites identified in the regulatory agency database search report were evaluated concerning the nature and extent of a given release, the distance of the reported release site from the Subject Property, the stratigraphy of soils, the expected soil permeability, and the topographic position of a reported release site concerning known or expected local and/or regional groundwater flow direction. Those release sites that were considered likely to have impacted the Subject Property are identified in the report as recognized environmental conditions, as defined in ASTM 1527. Sites that were listed in the database search report, but not identified as a release site (for example, a site listed as a hazardous waste generator but not as having had a release), and sites that were listed as being "closed" were not considered likely to have impacted the Subject Property.

APPENDIX F: PERMITS AND OTHER RELATED DOCUMENTS

Phase I Environmental Site Assessment Report
Propiedades Ventana al Río, Calle Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, Puerto Rico.

10 de agosto de 2022

A quien pueda interesar:

El Municipio de Comerío solicita una cotización para *Phase I Enviromental Site Assesment (Phase I ESA)* siguiendo el estándar *ASTM E1527-21,* para propiedades ubicadas en el casco urbano del municipio, para ser adquiridas para el desarrollo de un proyecto bajo el Programa de Revitalización de la Ciudad del Departamento de Vivienda. Estas propiedades se encuentran ubicadas en la calle Eduardo Georgetti KM 0 – KM 0.03 y KM 31.7 – KM 31.8 Comerío, Puerto Rico.

El paseo ribereño denominado "Ventana al Rio" es un concepto de parque ecológico para uso recreativo y disfrute de los vecinos del municipio de Comerío y sus visitantes. Según los mapas de FEMA, este proyecto está localizado en un área denominada como "Floodway" o inundable. Sabiendo esto, se diseñará un parque pasivo que sirva de esparcimiento con vista al río, donde su funcionalidad se adaptará a su entorno natural. Se diseñará con materiales que permitan la percolación y se eliminarán las barreras arquitectónicas que impiden el flujo del río. De esta manera, se permitirá que el cauce sostenga el caudal necesario para sustentar la flora y fauna de la cuenca y sus cuerpos de agua que son recogidos en la represa La Plata. El área resaltará la belleza natural del Río La Plata como una puerta natural de entrada a la ciudad.

Para este proyecto, se utilizarán 9 propiedades que han sido severamente impactadas por inundaciones y a afectadas durante los eventos atmosféricos de los huracanes Irma y María. Hubo inundaciones severas y se realizaron rescates a lo largo de la zona del casco urbano y hubo pérdidas irreparables a varias estructuras. Luego del evento la mayoría se encuentran abandonadas. Ocho (8) de las nueve propiedades serán adquiridas por el Municipio. El proyecto contempla utilización de unos 5,600 pies cuadrados de espacio público para áreas de estar, aceras y tablados en madera compuesta, árboles y plantas, estacionamientos verdes, estacionamientos para vehículos eléctricos,

bancos en madera y estanque natural. El diseño del muro será en gaviones verdes para eliminar el uso del concreto con el fin de hacer el proyecto más ecológico. El misma mejora las facilidades peatonales actuales, eliminando barreras arquitectónicas, para así darle mayor accesibilidad a la comunidad además de incorporar un espacio de disfrute y esparcimiento.

La información de las propiedades que serán impactadas es la siguiente:



Cualquier duda o pregunta se puede contactar al 787-875-5510 ext. 110 y 130.

Cordialmente,

Ing. Héctor E. Pérez Colon
Director
Gerencia de Proyectos

Catastros:

#1- 222-094-037-46



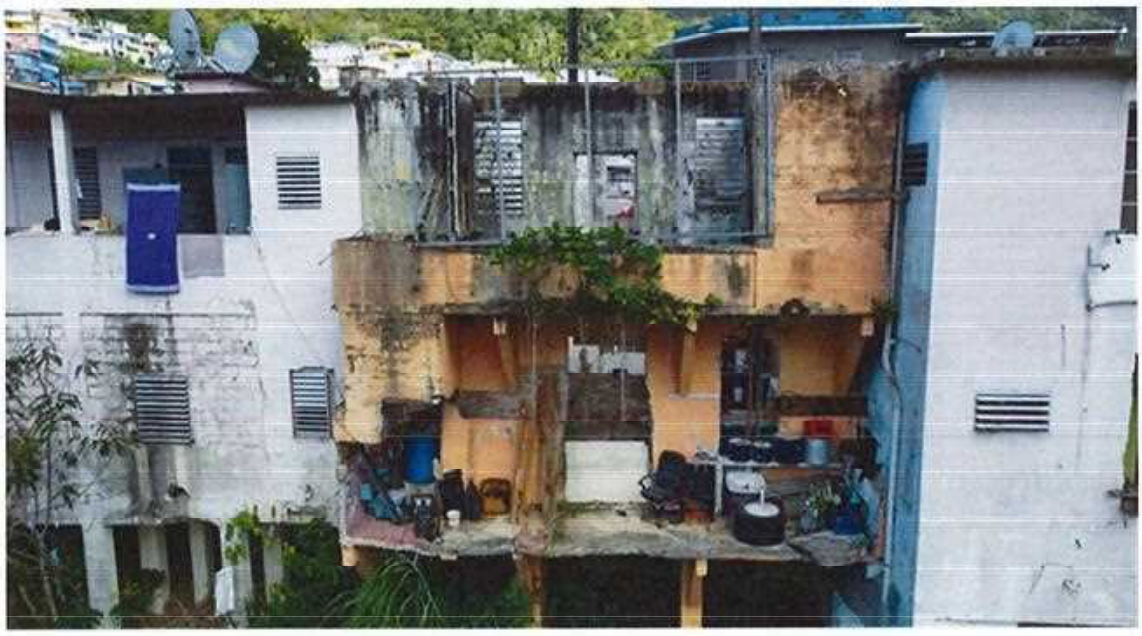
#2- 222-094-037-47-001



#3- 222-094-037-49-802



#4- 222-094-037-48-001



#5- 222-094-037-50-001



#6- 222-094-037-53-001



#7- 222-094-037-54-001



#8- 222-094-037-55-001



COMERÍO
PUERTO RICO
PUEBLO★NACIÓN

Información de propiedades

#1- 222-094-037-55-001
LON: -66.22641072, LAT: 18.21746067
Calle Georgetti #75, Comerio P.R.
Sr. Faustino Hernandez
936-333-8515

#2- 222-094-037-54-001
LON: -66.22656494, LAT: 18.21740526
Calle Georgetti #77, Comerio, P.R.
Sucesión Jiménez
No tenemos información

#3- 222-094-037-53-001
Calle Georgetti #79, Comerio, P.R.
LON: -66.226653, LAT: 18.217414
Sr. Jesús López Pintado
787-691-0520

#4- 222-094-037-50-001
LON: -66.22692872, LAT: 18.21727596
Calle Georgetti #60, Comerio P.R.
Sra. Isabel Sierra
No tenemos información

#5- 222-094-037-49-802
LON: -66.22701455, LAT: 18.21728201
Calle Georgetti #87, Comerio P.R.
Sr. José M. Pérez
Tel. 787-903-4497

#6- 222-094-037-48-001
LON: -66.227096, LAT: 18.217304
Calle Georgetti #91, Comerio, P.R.
Sr. José M. Pérez
Tel. 787-903-4497

#7- 222-094-037-47-001
LON: -66.22714690, LAT: 18.21723588
Calle Georgetti #93, Comerio, P.R.
Sra. Norma Ivette Rivera Correa
Tel. 939-208-4696

#8- 222-094-037-46-001
LON: -66.22724622, LAT: 18.21722692
Calle Georgetti #95, Comerio, P.R.
Sra. Norma Ivette Rivera Correa
Tel. 939-208-4696

Cualquier duda o pregunta se puede contactar al 787-875-5510 ext. 110 y/o 130.

Cordialmente,

Liliana Rivera Cotto
Asistente Administrativa
Gerencia de Proyectos
Municipio de Comerío

DORIS D. RODRIGUEZ SANTIAGO

INVESTIGACIONES DE TITULO

28 Sector Farallon

BARRANQUITAS, P.R. 00794

TELEFONO: 787-612-0680

email: ddrodriguezsantiago@hotmail.com

ESTUDIO DE TITULO

SOLICITA: **MUNICIPIO DE COMERIO**

REFERENCIA: **FAUSTINO HERNANDEZ AYALA**

FINCA NUMERO: **4,127**, inscrita al folio 28 del tomo 69 de Comerío; Registro de la Propiedad de Barranquitas.

DESCRIPCION:

"URBANA: Solar radicado en el Barrio Pueblo del Municipio de Comerío, compuesto de **115.08 metros cuadrados**, en lindes por el NORTE, en 8.40 metros, con la calle Georgetti; por el SUR, en 13.70 metros, con el Río La Plata y por el ESTE, en 8.40 metros, con solar del Municipio, ocupado por Juan Longo."

OBSERVACION: Del Registro **no surge su colindancia Oeste**, tampoco se expresa que enclave edificación alguna.

TRACTO REGISTRAL:

Se segrega de la finca #159 inscrita al folio 7 del tomo 4 de Comerío.

DOMINIO:

Consta inscrita a favor de los esposos **FAUSTINO HERNANDEZ AYALA y RAFAELA ALICEA ROBLES**, quienes adquieren por compra que hicieran a Luisa Rivera Rosado, viuda, por precio de **$15,000.00**; según consta de la escritura #3, otorgada en San Juan, el 25 de febrero de 1992, ante el notario Salvador Ramírez Seda, inscrita al folio 30 del tomo 69 de Comerío, inscripción cuarta y última de la finca #4,127; registrada con fecha 27 de marzo de 1992.

CARGAS Y GRAVAMENES:

POR SI Y POR SU PROCEDENCIA: SE HALLA LIBRE.

NOTA: Surge de la inscripción primera al folio 28 del tomo 69 de Comerío, que esta finca fue segregada y vendida originalmente por el Municipio de Comerío, a favor de LUIS RIVERA, soltero, por precio de $115.08; según consta de la escritura #17, otorgada en Comerío, el 12 de julio de 1950, ante el notario Manuel Orraca Torres, ratificada por la #21, otorgada en Comerío, el 1 de mayo de 1970, ante el notario Julio Vives Vázquez.

----- Por la inscripción tercera al folio 30 del tomo 69 de Comerío, se adjudicó la misma como parte de los bienes hereditarios dejados por el señor Luis Rivera, a favor de LUISA RIVERA ROSADO, viuda, con un valor de $13,000.00; según consta de la escritura #3, otorgada en San Juan, el 26 de febrero de 1985, ante el notario Roberto C. Rodríguez Poventud, aclarada por la #4, otorgada en San Juan, el 30 de mayo de 1985, ante el citado notario. Dicha señora Rivera Rosado, vendió a su vez según se relaciona en el Dominio.

REVISADOS: Registros de embargos estatales, federales, así como los de sentencias, sin que surja nada anotado con relación a la descrita finca ni con la dueña de la misma.

REVISADA: Bitácora electrónica sin que surja presentado pendiente de calificación e inscripción documento alguno.

ADVERTENCIA: Debido al nuevo **sistema KARIBE**, al sistema de Bitácora utilizado en ésta sección y al atraso que existe en la entrada de información al mismo, no podemos precisar que exista algún documento u omisión de escaneo de folios, relacionado con la finca objeto de estudio; por lo que no nos hacemos responsables de errores u omisiones en dicho sistema.

En Barranquitas, Puerto Rico, a los 7 días del mes de julio del año dos mil veintidos.

Doris D. Rodríguez Santiago

ESTADO LIBRE ASOCIADO DE PUERTO RICO
DEPARTAMENTO DE JUSTICIA
REGISTRO INMOBILIARIO DIGITAL DEL ESTADO LIBRE ASOCIADO DE PUERTO RICO

Barranquitas: Sección I
Nelson J Santiago Marrero
Registrador de la Propiedad
nesantiago@justicia.pr.gov

CERTIFICACIÓN DE PROPIEDAD INMUEBLE

TURNO DE CERTIFICACIÓN: 2022-013246-CERT

A solicitud de Irvin LLomar Rivera González, se expide la presente sobre las constancias del Registro Inmobiliario Digital de Puerto Rico, y yo Nelson J Santiago Marrero, Registrador **CERTIFICO** la siguiente información de la finca que se relaciona:

Finca número: 4127

Demarcación: Comerío

Descripción de la Finca

Número de Catastro: —. Urbana: BARRIO PUEBLO COMERÍO de Comerío. Solar: Cabida: 115.08 Metros Cuadrados. Linderos: Norte, en ocho metros cuarenta centímetros con la Calle Georgetti. Sur, en trece metros setenta centímetros con el Río La Plata. Este, en ocho metros cuarenta centímetros con solar del municipio ocupado por Longo. Es segregación de la finca número 159, inscrita al folio 7 del tomo 4. Aprobada la segregación por la Junta de Planificación de Puerto Rico, según informe número R cuatro mil ciento veintidós de fecha 3 de mayo de 1950.

Titulares

Inscrita a favor de la Sociedad Legal de Bienes Gananciales compuesta por: Faustino Hernandéz Ayala y Rafaela Alicea Robles, mayores de edad y vecinos de Comerío, Puerto Rico; quienes adquirieron por Compra, por el precio de $15,000.00; mediante la escritura número 3, otorgada en San Juan, el día 25 de febrero de 1992, ante el notario Salvador Ramírez Seda; según inscripción 4.

Cargas y Gravámenes

Libre de Cargas y Gravámenes

Libros Auxiliares

No existen asientos relacionados a esta finca en los Registros de Embargos a favor del Estado Libre Asociado de Puerto Rico, Gravámenes por Contribuciones a favor de los Estados Unidos de América y Sentencias.

Observaciones:

Hasta la fecha de esta Certificación no se ha practicado ninguna segregación.

Se expide libre de derechos para uso oficial a favor del Municipio de Comerío.

Despachado: el 11 de julio de 2022, 8:58AM.

Expedido la presente, hoy 11 de julio de 2022, 9:01AM.
Derechos: Exenta

Firmado electrónicamente por el registrador Nelson J Santiago Marrero el 11 de julio de 2022, 9:01AM

Codigo de Validación: d2654ece-adf3-4d3b-a5de-6021f40563d8

PRIMERA COPIA

LCDO SALVADOR RAMIREZ SEDA
BOBONIS, BOBONIS & RODRIGUEZ POVENTUD
AVE. DE DIEGO NUM. 129, CONDADO PR 00911-1927
TEL. 725-7941 - 725-5119

ABOGADO Y NOTARIO

NIHIL PRIUS FIDE



Número

Tres (3)

ESCRITURA DE

COMPRAVENTA

OTORGADA POR

LUISA RIVERA ROSADO

A FAVOR DE

FAUSTINO HERNANDEZ AYALA Y

RAFAELA ALICEA ROBLES

En San Juan, P. R.,

a 25 de febrero de 19 92

----------ESCRITURA NUMERO TRES----------

----------COMPRAVENTA----------

---En la ciudad de San Juan, Puerto Rico a los veinticinco (25) días del mes de febrero de mil novecientos noventa y dos (1992).----------

----------ANTE MI----------

---SALVADOR RAMIREZ SEDA, Abogado y Notario Público, con estudio abierto en San Juan y residencia en Cabo Rojo, Puerto Rico.----------

----------COMPARECEN----------

---DE LA PRIMERA PARTE: DOÑA LUISA RIVERA ROSADO, número de seguro social quinientos ochenta, guión, cuarenta y dos, guión, ocho mil setecientos (580-42-8700), mayor de edad, viuda, propietaria y vecina de San Juan, Puerto Rico, en adelante denominada la "VENDEDORA".----------

---DE LA SEGUNDA PARTE: FAUSTINO HERNANDEZ AYALA, número de seguro social quinientos ochenta y tres, guión, treinta y ocho, guión, tres mil ochocientos once (583-38-3811) y su esposa RAFAELA ALICEA ROBLES, número de seguro social quinientos ochenta y cuatro, guión, veintidós, guión, mil seiscientos uno (584-22-1601), ambos mayores de edad, casados entre sí, electricista él, ama de casa ella y vecinos de Comerío, Puerto Rico, en adelante denominados los "COMPRADORES".----------

----------DOY FE----------

---De haberme asegurado de la identidad de los comparecientes, por los medios establecidos en el Artículo diecisiete (c)(17(c)) de la Ley Notarial vigente, así como por sus dichos de su edad, estado civil, profesión y vecindad. Me aseguran tener y a mi juicio tienen, la capacidad legal necesaria para este otorgamiento, y en tal virtud, libremente------

---

SALVADOR RAMIREZ SEDA ABOGADO - NOTARIO

Registro de la Propiedad SECCION Rico

----------EXPONEN----------

-----PRIMERO: La VENDEDORA es dueña en pleno dominio del inmueble que se describe a continuación (la "PROPIEDAD"):----------

-------"URBANA: Solar radicado en el barrio Pueblo del Municipio de Comerío compuesto de ciento quince punto cero ocho metros cuadrados (115.08 m.c.), en lindes: por el Norte, en trece (13) metros setenta (70) centímentros con la Calle Georgetti; por el Sur en trece (13) metros setenta (70) centímetros con el Río Plata; por el Este en ocho (8) metros cuarenta (40) centímetros con solar del Municipio, ocupado por Pedro Espina; y por el Oeste en ocho (8) metros cuarenta (40) centímetros con solar del Municipio ocupado por Juan Longo. Enclava en dicha finca una casa de una planta."----------

-------Inscrita al folio veintinueve (29) del tomo sesenta y nueve (69) de Comerío, finca número cuatro mil ciento veintisiete (4,127).----------

-----SEGUNDO: La VENDEDORA adquirió la PROPIEDAD por herencia, mediante la escritura número tres (3) de Partición de Bienes Hereditarios otorgada en San Juan, Puerto Rico el día veintiséis (26) de febrero de mil novecientos ochenta y cinco (1985) ante el Notario Público Roberto C. Rodríguez Poventud. Dicha escritura consta debidamente inscrita al folio veintinueve (29) del tomo sesenta y nueve (69) de Comerío, finca número cuatro mil ciento veintisiete (4,127).----------

-----TERCERO: La PROPIEDAD está libre de cargas y gravámenes.----------

-----CUATRO: La VENDEDORA y los COMPRADORES han convenido la compraventa de la PROPIEDAD descrita en el párrafo PRIMERO de esta escritura sujeta a los siguientes----------

----------TERMINOS Y CONDICIONES----------

-------UNO: Por este instrumento, la VENDODORA vende y traspasa la PROPIEDAD a los COMPRADORES quienes compran y adquieren el título de la PROPIEDAD sin más formalidad que este otorgamiento.-

-------DOS: Se ha convenido esta compraventa por el ----------

SALVADOR RAMIREZ SEDA ABOGADO - NOTARIO

Registro de la Propiedad SECCION DE

precio de QUINCE MIL DOLARES ($15,000.00) cuyo precio es pagado del siguiente modo:----------

---------A. Con anterioridad al otorgamiento de esta escritura, los COMPRADORES entregaron a la VENDEDORA la suma de NUEVE MIL DOSCIENTOS DOLARES ($9,200.00); y,----------

---------B. en este acto los COMPRADORES entregan a la VENDEDORA la suma de CINCO MIL OCHOCIENTOS DOLARES ($5,800.00) para completar el precio de compraventa. Por lo cual la VENDEDORA por la presente otorga carta de pago a los COMPRADORES.----

-------TRES: Las contribuciones territoriales sobre la PROPIEDAD serán prorrateadas a esta fecha, siendo responsabilidad de la VENDEDORA las contribuciones correspondientes a períodos anteriores a esta fecha y siendo responsabilidad a los COMPRADORES las contribuciones correspondientes a períodos comenzados de esta fecha en adelante.----------

----------ACEPTACION----------

---Los comparecientes aceptan esta escritura en todas sus partes por ser fiel exponente de sus instrucciones, habiéndoles hecho, YO, el Notario las advertencias legales pertinentes.----------

SALVADOR RAMIREZ SEDA
ABOGADO - NOTARIO

Registro de la Propiedad
SECCION

---Leída por los comparecientes la present escritura se ratifican en su contenido, fijando su iniciales en todos y cada uno de los folios de est documento, y firmando ante mí, el Notario, de l cual y de todo lo demás consignado en est escritura, YO, el Notario, DOY FE.----------

---Firmado: Luisa Rivera Rosado (LRR), Faustino----- Hernández Ayala (FHA) y Rafaela Alicea Robles (RAR).-

Tiene el signo, sello, rúbrica notarial y escritas las iniciales de los otorgantes. Adheridos los correspondientes sellos de Rentas Internas y el sello del Colegio de Abogados, todo de acuerdo con la ley.

Lcdo Salvador Ramírez Seda

DOY FE de que es primera copia certificada del original de su número con el que concuerda bien y fielmente. Y a requerimiento de parte interesada expido la presente en cuatro (4) hojas de papel marcadas con mi sello, signo, rúbrica notarial y dejo nota de saca en la matriz en San Juan, Puerto Rico, a 25 de-- febrero de 1992.----------

NOTARIO PUBLICO

SALVADOR RAMIREZ SEDA ABOGADO - NOTARIO

Propiedad

Rica

2626211

IMPUESTO NOTARIAL

UN DOLAR

REGISTRADO AL
Folio 30
Tomo 69 de Comerio
Finca # 4127 Inscripción 4ta
Cargas, P. R. libre de
B.Ter, 27 de Mayo de 1992
Dros $ 40.50

Registro de la Propiedad
SECCION DE
BARRAPOSTAS
Puerto Rico

50¢ 50¢
5166155
Registro de la Propiedad
5166155
50¢ B 50¢
Puerto Rico







$ 10.00 A-3438261

$ 30.00 A-3438260

DORIS D. RODRIGUEZ SANTIAGO

INVESTIGACIONES DE TITULO
28 Sector Farallon
BARRANQUITAS, P.R. 00794
TELEFONO: 787-612-0680
email: ddrodriguezsantiago@hotmail.com

ESTUDIO DE TITULO

SOLICITA: **MUNICIPIO DE COMERIO**

REFERENCIA: **ISABEL SIERRA GARCIA**

FINCA NUMERO: **1,159**, inscrita al folio 116 del tomo 26 de Comerío; Registro de la Propiedad de Barranquitas.

DESCRIPCION: Tomada de la inscripción sexta al folio 91 vuelto del tomo 51 de Comerío:

"URBANA: Casa de dos plantas construida de cemento reforzado y techo de hierro galvanizado, radicada en la calle Georgetti de Comerío y mide 28 pies de frente y espalda y 36 pies por cada uno de sus lados. Dicha casa enclava en solar del Municipio de Comerío, cedido en usufructo a sus anteriores dueños, que tiene iguales dimensiones y colinda por la derecha entrando, con solar del municipio, cubierto por casa de José María Pérez, que es el OESTE; por su izquierda, o sea el ESTE, con solar del municipio, sin edificación; por el NORTE, con la calle Georgetti y por el SUR, con egidos del pueblo."

TRACTO REGISTRAL:

Se segrega de la finca #159 inscrita al folio 7 del tomo 4 de Comerío.

DOMINIO:

Consta inscrita en cuanto a la **NUDA PROPIEDAD** a favor del **MUNICIPIO DE COMERIO**; según consta de la escritura #68, otorgada en Comerío, el 17 de octubre de 1927, ante el notario Celestino José Pérez, inscrita al folio 116 del tomo 26 de Comerío, inscripción primera; y en cuanto a **LA CASA y el DERECHO DE USUFRUCTO** a favor de la sucesión de Héctor Eduardo Jiménez Rivera y Nereida Iris Báez Torres, quienes fallecieron en Comerío, el día 30 de agosto de 1982, compuesta por sus hijos: **HECTOR EDUARDO, IRIS NEREIDA, CARMEN GISELA y MIRELSA MILAGROS** todos de apellidos **JIMENEZ BAEZ** y de **SYLVIA JIMENEZ QUILES** (ésta solo y en cuanto a la participación del señor Jiménez Rivera); según consta de las Resoluciones emitidas por el Tribunal Superior, Sala de Aibonito, el 9

de diciembre de 1982, en los casos civiles #CSI-82-1871 Y CSI-82-1870 sobre Declaratoria de Herederos, inscritas con vista de los certificados de cancelación de gravamen en los que se valora la participación de dichos causantes en **$10,000.00** cada una, al folio 92 del tomo 51 de Comerío, inscripción séptima y última de la finca #1,159; registrada con fecha 17 de agosto de 1998, respectivamente.

CARGAS Y GRAVAMENES:

POR SI Y POR SU PROCEDENCIA: SE HALLA LIBRE.

OBSERVACION: Del Portal de la **Página del Crim**, surge que la **propiedad fue adquirida** por **ISABEL SIERRA GARCIA**, por **compra a la Sucesión Jiménez Báez**, de ser esa información correcta, entendemos que deben presentar los debidos documentos en el Registro de la Propiedad, para completar el dominio.

REVISADOS: Registros de embargos estatales, federales, así como los de sentencias, sin que surja nada anotado con relación a la descrita finca ni con los dueños de la misma.

REVISADA: Bitácora electrónica sin que surja presentado pendiente de calificación e inscripción documento alguno.

ADVERTENCIA: Debido al nuevo **sistema KARIBE**, al sistema de Bitácora utilizado en ésta sección y al atraso que existe en la entrada de información al mismo, no podemos precisar que exista algún documento u omisión de escaneo de folios, relacionado con la finca objeto de estudio; por lo que no nos hacemos responsables de errores u omisiones en dicho sistema.

En Barranquitas, Puerto Rico, a los 7 días del mes de julio del año dos mil veintidos.

Doris D. Rodríguez Santiago
Investigadora de Títulos

ESTADO LIBRE ASOCIADO DE PUERTO RICO
DEPARTAMENTO DE JUSTICIA
REGISTRO INMOBILIARIO DIGITAL DEL ESTADO LIBRE ASOCIADO DE PUERTO RICO

Barranquitas: Sección I
Nelson J Santiago Marrero
Registrador de la Propiedad
nesantiago@justicia.pr.gov

CERTIFICACIÓN DE PROPIEDAD INMUEBLE

TURNO DE CERTIFICACIÓN: 2022-013249-CERT

A solicitud de Irvin LLomar Rivera González, se expide la presente sobre las constancias del Registro Inmobiliario Digital de Puerto Rico, y yo Nelson J Santiago Marrero, Registrador **CERTIFICO** la siguiente información de la finca que se relaciona:

Finca número: 771

Demarcación: Comerío

Descripción de la Finca

Urbana: CALLE GEORGETTI de Comerío. Solar: 1. Cabida: 74 Metros Cuadrados. Linderos: Norte, con la calle Georgetti. Sur, con las riberas del Río La Plata. Este, con otro solar de municipio ocupado por casa de Aurelio Romero. Oeste, con el solar del municipio. Se segrega de la finca 159 inscrita al folio 7 del tomo 4 de Comerio

Titulares

Inscrita en cuanto a la Nuda Propiedad a favor del Municipio de Comerío, quien adquirió por Segregación; mediante la escritura número 6, otorgada en Comerío, el día 23 de enero de 1918, ante el notario Celestino José Pérez y de una Certificación expedida el 13 de febrero; según inscripción 1.

Inscrita en cuanto a la Edificación a favor de Jesús López Pintado, soltero, mayor de edad, propietario y vecino de Comerío, Puerto Rico; quien adquirió por Donación, con un valor de $90,000.00; mediante la escritura número 176, otorgada en Bayamón, el día 8 de junio de 2015, ante el notario Pedro J. Caride Cruz; según inscripción 12.

Cargas y Gravámenes

Hipoteca: A favor de Endosatario o Endosatarios, por dos pagarés de $330.00 cada uno, vencimiento: 31 de diciembre y de 1937, en garantía de dichas dos obligaciones, o sea en conjunto de la suma de $600.00, intereses de mora al 6% anual y doscientos dólares para gastos, costas y desembolsos y honorarios de abogado en caso de reclamación judicial, tasación; $1,000.00; mediante la escritura número 3, otorgada en Comerío, el día 15 de enero, ante el notario Lemuel Marqués Campillo; según inscripción 5.

Libros Auxiliares

No existen asientos relacionados a esta finca en los Registros de Embargos a favor del Estado Libre Asociado de Puerto Rico, Gravámenes por Contribuciones a favor de los Estados Unidos de América y Sentencias.

ESTADO LIBRE ASOCIADO DE PUERTO RICO

DEPARTAMENTO DE JUSTICIA

REGISTRO INMOBILIARIO DIGITAL DEL ESTADO LIBRE ASOCIADO DE PUERTO RICO

FOLIO KARIBE

Num. INSCRIPCION	FINCA NÚMERO: 771 DEMARCACIÓN: BA0104 - Comerío
12 Donación	**DESCRIPCIÓN:** Urbana: CALLE GEORGETTI de Comerío. Solar: 1. Cabida: 74 Metros Cuadrados. **LINDEROS:NORTE,** con la calle Georgettí. **SUR,** con las riberas del Río La Plata. **ESTE,** con otro solar de municipio ocupado por casa de Aurelio Romero. **OESTE,** con el solar del municipio. Se segrega de la finca 159 inscrita al folio 7 del tomo 4 de Comerio **TITULAR:** Inscrita a favor de Jesús López Cruz, Edia Pintado Ortiz, según la inscripción 11. . **CARGAS:** Afecta por sí a Hipoteca a favor de Endosatario o Endosatarios , con un valor de $300.00, según la inscripción 05; Hipoteca a favor de Endosatario o Endosatarios , con un valor de $300.00, según la inscripción 05 **TRANSACCIÓN:** DONACIÓN.DONATARIO: Jesús López Pintado, soltero/a, mayor de edad, propietario y vecino de Comerio, Puerto Rico **VALOR TRANSACCIÓN:** $90,000.00. **OBSERVACIONES/CONDICIONES:** El donatario expresamente acepta la doncaión. Declaran los donantes que esta donación no perjudica a nadie puesto que se ha reservado para si, y tiene dominio otros bienes suficientes para vivir en un estado que corresponde a sus circunstancia y categoría social, y lo donado no excede a lo que por legitima pueda corresponder a sus herederos. Se INSCRIBe el dominio de esta finca a favor de Jesús López Pintado, soltero, a título de DONACIÓN. **DOCUMENTOS COMPLEMENTARIOS:** Ninguno. **DATOS DEL DOCUMENTO PRESENTADO:** Escritura 176 otorgada en Bayamón, Puerto Rico, el 8 de junio de 2015, ante el notario PEDRO J CARIDE CRUZ . Presentada a la(s) 5:44PM el 27 de mayo de 2016, al asiento 2016-045504-BA01. **ARANCELES:** $310.00. **FIRMADO ELECTRONICAMENTE POR:** Denise M Ocasio Rivera Registrador EL 7 DE NOVIEMBRE DE 2016, 3:40PM **CODIGO VALIDACIÓN:**

DORIS D. RODRIGUEZ SANTIAGO

INVESTIGACIONES DE TITULO
28 Sector Farallon
BARRANQUITAS, P.R. 00794
TELEFONO: 787-612-0680
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ESTUDIO DE TITULO

SOLICITA: **MUNICIPIO DE COMERIO**

REFERENCIA: **JESUS LOPEZ PINTADO**

FINCA NUMERO: **771**, inscrita al folio 208 del tomo 16 de Comerío; Registro de la Propiedad de Barranquitas.

DESCRIPCION:

"URBANA: Casa de una sola planta construida de cemento armado y madera, con techo de hierro galvanizado, radicada en la Calle Eduardo Georgetti de Comerío y mide 9.25 metros de frente, por 6.32 metros de fondo y colinda por el frente, o sea el NORTE, con la citada calle; por el SUR, o sea el fondo, con las riberas del Río La Plata; por su derecha entrando, o sea el OESTE, con solar del municipio, ocupado por Manuel Maldonado y por su izquierda, o sea el ESTE, con otro solar del municipio, ocupado por casa de Aurelio Romero hoy, antes de Genaro Ríos. Enclava en solar del municipio de 9.25 metros de frente, por 8.00 metros de fondo, equivalentes a **74.00 metros cuadrados**, el cual se segrega de una parcela de terreno de 10.00 cuerdas."

TRACTO REGISTRAL:

Se segrega de la finca #159 inscrita al folio 7 del tomo 4 de Comerío.

DOMINIO:

Consta inscrita en cuanto a la **NUDA PROPIEDAD** a favor del **MUNICIPIO DE COMERIO**, quien adquiere por segregación; según consta de la escritura #6, otorgada en Comerío, el 23 de enero de 1918, ante el notario Celestino José Pérez y de Certificación expedida el 13 de febrero de 1918, por Antonio Colón Rivera, alcalde municipal interino de Comerío, inscrita al folio 205 del tomo 16 de Comerío, inscripción primera; y en cuanto a **LA CASA y el DERECHO DE USUFRUCTO**, a favor de **JESUS LOPEZ PINTADO**, soltero, quien adquiere por Donación que le hicieran los esposos Jesús López Cruz y Edia Pintado Ortíz, con un valor de **$90,000.00**; según consta de la escritura #176, otorgada en Bayamón, el 8 de

junio de 2015, ante el notario Pedro J. Caride Cruz, inscrita al folio del tomo Karibe de Comerío, inscripción duodécima y última de la finca #771.

CARGAS Y GRAVAMENES:

POR SU PROCEDENCIA: SE HALLA LIBRE.

POR SI AFECTA A:

1. Hipoteca constituida por los esposos Modesto González Rivera y Estelita Rivera, en garantía de dos pagarés, a favor del endosatario de los mismos, por la suma de **$600.00** de principal o sea $300.00 cada uno, con intereses al 6% anual, vencederos el 31 de diciembre de 1936 y 31 de diciemnre de 1937, respectivamente, tasada la finca para en caso de subasta en $1,000.00; según consta de la escritura #3, otorgada en Comerío, el 15 de enero de 1936, ante el notario Lemuel Márquez Campillo, inscrita al folio 207 vuelto del tomo 16 de Comerío, inscripción quinta de la finca #771; registrada con fecha 28 de enero de 1936.

REVISADOS: Registros de embargos estatales, federales, así como los de sentencias, sin que surja nada anotado con relación a la descrita finca ni con el dueño de la misma.

REVISADA: Bitácora electrónica sin que surja presentado pendiente de calificación e inscripción documento alguno.

ADVERTENCIA: Debido al nuevo **sistema KARIBE**, al sistema de Bitácora utilizado en ésta sección y al atraso que existe en la entrada de información al mismo, no podemos precisar que exista algún documento u omisión de escaneo de folios, relacionado con la finca objeto de estudio; por lo que no nos hacemos responsables de errores u omisiones en dicho sistema.

En Barranquitas, Puerto Rico, a los 7 días del mes de julio del año dos mil veintidos.

Doris D. Rodríguez Santiago
Investigadora de Títulos

Certifico haber expedido
Primera Copia Certificada
a petición de: Jesús
Lopez Pintado
Hoy día 8 de junio
Del año 2015. Doy
Fe.----------

Notario Público

---NUMERO: CIENTO SETENTA Y SEIS (176)----------

----------DONACIÓN----------

---En la Ciudad de Bayamón, Puerto Rico, el día ocho (8) del mes de junio del año dos mil quince (2015).----------

----------ANTE MI----------

---**PEDRO JUAN CARIDE CRUZ**, Abogado y Notario Público de esta Isla, con residencia en San Juan y estudio abierto en la ciudad de San Juan, Puerto Rico.----------

---------- COMPARECEN----------

---**DE LA PRIMERA PARTE: JESUS LOPEZ RIVERA** y su esposa **EDIA PINTADO ORTIZ**, ambos mayores de edad, propietarios y vecinos de Comerio, Puerto Rico, denominada en lo adelante en esta escritura como **LA PARTE DONANTE**.----------

---**DE LA SEGUNDA PARTE: JESUS LOPEZ PINTADO**, mayor de edad, soltero, propietario y vecino de Comerio, Puerto Rico; denominado en lo adelante en esta escritura como **LA PARTE DONATARIA**.----------

----------DOY FE----------

---De conocer personalmente a las partes comparecientes por el dicho del testigo de conocimiento antes señalado y por sus dichos me constan sus circunstancias personales. Me aseguran tener y a mi juicio tienen la capacidad legal necesaria para este otorgamiento y en tal virtud, libre y voluntariamente:----------

----------EXPONEN----------

---**PRIMERO**: Que los comparecientes de la primera parte son dueños en pleno dominio de la siguiente propiedad:----------

---**URBANA**: Casa de una sola planta, construida de cemento armado y madera, con techo de hierro galvanizado, radicada en la Calle Eduardo Georgettí de Comerio, Puerto Rico, mide nueve punto veinticinco (9.25) metros de frente por seis punto treinta y dos (6.32) metros de fondo; y colinda por el frente, o sea **NORTE**, con la citada calle, por el **SUR**, con las riberas del Río La Plata, por el **OESTE**, con el solar del municipio y por el **ESTE**, con otro solar de municipio ocupado por casa de Aurelio Romero.----------

EPO
JLR
JLP

PEDRO J. CARIDE CRUZ
LEX
ABOGADO-NOTARIO

---Enclava en solar del Municipio de Comerio, Puerto Rico de nueve punto veinticinco (9.25) metros de frente por ocho (8.00) metros de fondo. equivalente a setenta y cuatro (74.00) metros cuadrados el cual se segrega de una parcela de terreno de diez cuerdas.----------

---Consta inscrita al folio 208 del tomo 16 de Comerio, finca 771 del Registro de la Propiedad de Barranquita.----------

---**SEGUNDO**: Adquirieron los comparecientes de la primera parte la antes descrita propiedad mediante escritura número veinticinco (25) de Compraventa otorgada en Comerio, Puerto Rico el veintiséis (26) de abril de mil novecientos noventa y cinco (1995), ante el Notario Victor Manuel Padilla Santiago.----------

---**TERCERO**: La propiedad está libre de gravámenes.----------

----------**DONACIÓN**----------

----**CUARTO**: Para demostrar su afecto **LA PARTE DONANTE** hace **DONACIÓN** puramente graciosa y por mera liberalidad a **JESUS LOPEZ PINTADO**, de sus participaciones en el inmueble descrito en el expositivo **PRIMERO** de esta escritura con todas sus pertenencias, sin condición alguna que limite el derecho de la adquiriente.----------

---La donación que se hace en este acto no se podrá colacionarse. Ni entenderse que es parte de los que legitima le corresponde.----------

---**QUINTO**: Declara **LA PARTE DONANTE** que esta Donación no perjudica a nadie, puesto que se ha reservado para sí y tiene en plena propiedad otros bienes suficientes para vivir en un estado correspondiente a sus circunstancias y categoría social, y lo Donado no excede a lo que por legítimo pueda corresponder a sus herederos.----------

---**SEXTO**: A los efectos legales pertinentes **LA PARTE DONANTE** declara que sus acciones y derechos en el inmueble descrito en el expositivo **PRIMERO** tienen un valor de **NOVENTA MIL DOLARES ($90,000.00)**.----------

---**SÉPTIMO**: **LA PARTE DONANTE** dona a **LA PARTE DONATARIA** todas sus acciones y derechos en el descrito inmueble por la presente escritura.----------

EPO
JLL
J.L.P

PEDRO J. CARIDE CRUZ
LEX
ABOGADO-NOTARIO

---**OCTAVA: LA DONATARIA** acepta la presente Donación y queda agradecida a **LA PARTE DONANTE**.----------

---**NOVENO**: Las contribuciones territoriales que pesan sobre el inmueble serán de cuenta y cargo de **LA PARTE DONATARIA**.----------

----------**ACEPTACIÓN**----------

---Las partes comparecientes aceptan la presente escritura en todas sus partes por ser fiel exponente de sus instrucciones y deseos, habiéndoles hecho Yo, el Notario Autorizante, las advertencias legales pertinentes.-----

---Leída esta escritura por los otorgantes, en la misma se ratifican y firman todos en unión del testigo de conocimiento conmigo, en un solo acto, habiendo puesto además, sus iniciales en todos y cada uno de los folios de esta escritura. De ello y de todo lo demás consignado en este Instrumento Público, Yo, el **NOTARIO, DOY FE**.----------

J.L.P

PEDRO J. CARIDE CRUZ
LEX
ABOGADO-NOTARIO

DORIS D. RODRIGUEZ SANTIAGO

INVESTIGACIONES DE TITULO

28 Sector Farallon

BARRANQUITAS, P.R. 00794

TELEFONO: 787-612-0680

email: ddrodriguezsantiago@hotmail.com

INFORME DE BUSQUEDA EN INDICES DE PERSONAS

SOLICITA: **MUNICIPIO DE COMERIO**

REFERENCIA: **JOSE M. PEREZ**

Búsqueda en los índices históricos de personas legibles del Municipio de Comerío, índices de fincas urbanas, segregaciones de la finca principal #159 del Municipio de Comerío, índices de los sistemas Agora y Karibe, en el Registro de la Propiedad de Barranquitas.

----- Certifico: Que de conformidad con lo solicitado y de acuerdo con la información suministrada, practiqué una minuciosa búsqueda en los índices históricos de personas del municipio de Comerío, en los índices de los Sistemas Agora y Karibe, en las segregaciones de la finca principal del pueblo de Comerío la #159 y en los índices de fincas urbanas de dicho municipio; y de los mismos no se localizó propiedad alguna en la Calle Georgetti del municipio de Comerío a favor de JOSE M. PEREZ.

En Barranquitas, Puerto Rico, a los 19 días del mes de julio del año dos mil veintidos.

Doris D. Rodríguez Santiago

ESTADO LIBRE ASOCIADO DE PUERTO RICO
GOBIERNO MUNICIPAL
COMERIO, PUERTO RICO

ORDENANZA NUM. 12

SERIE 1926

"DE LA ASAMBLEA MUNICIPAL DE COMERIO, PUERTO RICO SOBRE RATIFICACION DE CONCESION DE USUFRUCTO DE TERRENO PROPIEDAD DE LA MUNICIPALIDAD DE COMERIO, EN FAVOR DE JOSE MARIA PEREZ".

POR CUANTO : José María Pérez, Mayor de edad, casado con Doña Josefa Rivera, propietario y vecino de Comerío ha presentado una solicitud dirigida a esta Corporación interesa que por la misma sea Ratificada a su favor la concesión de usufructo hechale anteriormente y de la que venia disfrutando para el aprovechamiento en usufructo d terreno propiedad de la Municipalidad de Comerío, puerto Rico y el cual se describ así:

"SOLAR situado en el pueblo de Comerío, Calle Mr. Post, que mide Ocho Metros Cincuenta Centimetros de frenta por Once Metros Cincuenta Centimetros de fondo o sea una extensión superficial de Noventa y Siete Metros con Cincuenta Centimetros Cuadrados (97.50) en lindes por el Norte, Sur y Oeste con mas solares del Municipio cubiertos por casas de angelina Sanchez Viuda de Zambrana, escombros de una casa propiedad de Narciso Cobian y Casa de PERFECTO QUILES, respectivamente, Este Solar forma parte de una finca propiedad del Municipio de Comerío, Puerto Rico insc ta en el Registro de la Propiedad de San Juan, Sección Segunda, al folio siete del tomo cincuenta y ocho, del archivo Cuarto de Sabana del Palmar, Comerío finca Núme ciento cincuenta y nueve, inscripción primera".

POR CUANTO : En el descrito solar se halla enclavada una casa de dos plantas, la alta de maderas y la baja de concreto armado, tehcada de hierro galvanizado, que es propiedad del solicitante por haberla construido con dinero de la Sociedad de gananciales mediant planos aprobados por el Departamento Insular de Sanidad y por la Asamblea Municipal de este pueblo; y el mencionado Sr. Pérez interesa inscribir dicha casa en el Registro de la PROPIEDAD del Distrito a su nombre.

POR TANTO : ORDENASE POR LA ASAMBLEA MUNICIPAL DE COMERIO, PUERTO RICO.

SECCION 1ra: Que la Municipalidad de Comerío, Puerto Rico, por voz de sus representaes legales aqui concurrentes, ratifica en favor de José María Pérez, la concesión de usufructo hechale anteriormente y de la que viene disfrutando para el aprovechamiento en usufructo del arriba descrito solar.

SECCION 2da: Que el Municipio deComerío, P.R. se reserva el derecho de imponer al concesionario cuando sus representantes asi lo acordaren una cuota anual por concepto de arrendamiento del solar descrito la que el concesionario pagará en la fecha o fechas que para cada año económico se dispusiere.

SECCION 3ra: Que esta ordenanza regirá inmediatamente despues de haber sido aprobada por la Asamblea Municipal y el Alcalde.

Aprobada: Agosto 24 1926

CERTIFICO : Que la precedente ordenanza fué adoptada por unanimidad por la Asamblea Municipal en su sesión ordinaria celebrada el dia veinte y cuatro de agosto de mil novecientos veinte y seis ; siendo concurrentes a la misma los señores Don Modesto Cobian , Gonzales, Don Benigno Espina, Don Francisco Umpierre Carmona, Don Luis Rivera , Don Modesto Gonzalez, Don Benigno Espina, Don Domingo A. Romero y Don Aurelio Romero. Y para remitir al Hon. Alcalde a los efectos de su aprobación de acuerdo con la Ley expido la presente en Comerío, puerto Rico a 25 de agosto de 1926.

Fdo. Maximino Prestamo
Secretario Municipal

Aprobada: 26 de Agosto de 1926

Fdo. Gelestino J. Pérez Rivera
Alcalde

DORIS D. RODRIGUEZ SANTIAGO
INVESTIGACIONES DE TITULO
28 Sector Farallon
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INFORME DE BUSQUEDA EN INDICES DE PERSONAS

SOLICITA: **MUNICIPIO DE COMERIO**

REFERENCIA: **JOSE M. PEREZ**

Búsqueda en los índices históricos de personas legibles del Municipio de Comerío, índices de fincas urbanas, segregaciones de la finca principal #159 del Municipio de Comerío, índices de los sistemas Agora y Karibe, en el Registro de la Propiedad de Barranquitas.

----- Certifico: Que de conformidad con lo solicitado y de acuerdo con la información suministrada, practiqué una minuciosa búsqueda en los índices históricos de personas del municipio de Comerío, en los índices de los Sistemas Agora y Karibe, en las segregaciones de la finca principal del pueblo de Comerío la #159 y en los índices de fincas urbanas de dicho municipio; y de los mismos no se localizó propiedad alguna en la Calle Georgetti del municipio de Comerío a favor de JOSE M. PEREZ.

En Barranquitas, Puerto Rico, a los 19 días del mes de julio del año dos mil veintidos.

Doris D. Rodríguez Santiago

ESTADO LIBRE ASOCIADO DE PUERTO RICO
GOBIERNO MUNICIPAL
COMERIO, PUERTO RICO

ORDENANZA NUM. 10 SEREI 1926

"DE LA ASAMBLEA MUNICIPAL DE COMERIO, PUERTO RICO, SOBRE LA RATIFICACION DE CONCESION DE USUFRUCTO DE TERRENO PROPIEDAD DE LA MUNICIPALIDAD DE COMERIO, EN FAVOR DE JOSE MARIA PEREZ".

POR CUANTO : José María Pérez, Mayor de edad, casado, propietario y vecino de Comerío ha presentado una solicitud dirigida a esta Corporación interesando que por la misma sea RATIFICADA a su favor LA CONCESION DE USUFRUCTO héchale anteriormente para el aprovechamiento en usufructo de terreno propiedad del Municipio de Comerío y el cual se describe así:

"SOLAR situado en el pueblo de Comerío, Calle Mr. Post que mide ocho y medio metros de frente por once y medio metros de fondo en lindes por el NORTE con solar del Municipio sin edificar actualmente, por el SUR con otro solar del Municipio cubierto por casa de Narciso Cobian, en escombros, por el ESTE la Calle mr. Post donde radica, y por el OESTE con mas solares del Municipio cubiertos por casas de Perfecto Quiles y Juan Carrasquillo, teniendo dicho solar una extensión superficial de 127.75 M.C. Forma parte este solar de una finca propiedad del Municipio de Comerío inscrita en el Registro de la Propiedad del Distrito, Sección Segunda, al folio siete del tomo cincuenta y ocho de Sabana del Palmar, finca numero ciento cincuenta y nueve, inscripción primera".

POR CUANTO : En el solar descrito se halla enclavada una casa de dos plantas, la primera de concreto y la segunda de madera, techada de hierro galvanizado que es propiedad del solicitante por haberla construido mediante planos aprobados por el Departamento de Sanidad de Puerto Rico y el referido propietario interesa inscribi dicha casa en el Registo de la Propiedad del Distrito.

POR TANTO : ORDENASE POR LA ASAMBLEA MUNICIPAL DE COMERIO, PUERTO RICO

SECCION 1ra: Que la Municipalidad de Comerío, Puerto Rico, por voz de sus representantes legales aqui concurrentes RATIFICA en favor de José Maria Pérez la Concesión de Usufructo, hecha a su favor y de la que viene disfrutando para el aprovechamien to en usufructo del solar arriba descrito.

SECCION 2da: Que el Municipio se reserva el derecho de imponer al concesionario cuando sus representantes asi lo acordaren una cuota anual por concepto de arrendamiento del solar descrito a que el concesionario pagará en la fecha o fechas que para cada año económico se dispusiere.

SECCION 3ra: Que esta ordenanza regirá inmediatamente despues de haber sido aprobada por la Asamblea Municipal y por el Alcalde.

Aprobada: 24 de Agosto de 1926

CERTIFICO : Que la precedente ordenanza fué adoptada por unanimidad por la Asamblea Municipal en su sesión ordinaria celebrada el dia veinte y cuatro de agosto de 1926; siendo concurrentes a la misma los señores Modesto Cobian Espina, Benigno Espina, Luis Rivera, F. Umpierre Carmona, Modesto Gonzlaez, Aurelio Romero y Domingo A. Romero.

Y a petición de José Ma. Pérez, expido la presente en Comerío, Puerto Rico a veinte y seis de agosto de mil novecientos veinte y seis.

Fdo. Maximino Prestamo
Secretario Municipal

Fdo. Sixto Pontón
ALCALDE INTERINO

ESTADO LIBRE ASOCIADO DE PUERTO RICO
GOBIERNO MUNICIPAL
COMERIO, PUERTO RICO

ORDENANZA NUM. 12

SERIE 1926

"DE LA ASAMBLEA MUNICIPAL DE COMERIO, PUERTO RICO SOBRE RATIFICACION DE CONCESION DE USUFRUCTO DE TERRENO PROPIEDAD DE LA MUNICIPALIDAD DE COMERIO, EN FAVOR DE JOSE MARIA PEREZ".

POR CUANTO : José María Pérez, Mayor de edad, casado con Doña Josefa Rivera, propietario y vecino de Comerío ha presentado una solicitud dirigida a esta Corporación interesa que por la misma sea Ratificada a su favor la concesión de usufructo hechale anteriormente y de la que venia disfrutando para el aprovechamiento en usufructo d terreno propiedad de la Municipalidad de Comerío, puerto Rico y el cual se describ así:

"SOLAR situado en el pueblo de Comerío, Calle Mr. Post, que mide Ocho Metros Cincuenta Centimetros de frenta por Once Metros Cincuenta Centimetros de fondo o sea una extensión superficial de Noventa y Siete Metros con Cincuenta Centimetros Cuadrados (97.50) en lindes por el Norte, Sur y Oeste con mas solares del Municipio cubiertos por casas de angelina Sanchez Viuda de Zambrana, escombros de una casa propiedad de Narciso Cobian y Casa de PERFECTO QUILES, respectivamente, Este Solar forma parte de una finca propiedad del Municipio de Comerío, Puerto Rico insc ta en el Registro de la Propiedad de San Juan, Sección Segunda, al folio siete del tomo cincuenta y ocho, del archivo Cuarto de Sabana del Palmar, Comerío finca Núme ciento cincuenta y nueve, inscripción primera".

POR CUANTO : En el descrito solar se halla enclavada una casa de dos plantas, la alta de maderas y la baja de concreto armado, tehcada de hierro galvanizado, que es propiedad del solicitante por haberla construido con dinero de la Sociedad de gananciales mediant planos aprobados por el Departamento Insular de Sanidad y por la Asamblea Municipal de este pueblo; y el mencionado Sr. Pérez interesa inscribir dicha casa en el Registro de la PROPIEDAD del Distrito a su nombre.

POR TANTO : ORDENASE POR LA ASAMBLEA MUNICIPAL DE COMERIO, PUERTO RICO.

SECCION 1ra: Que la Municipalidad de Comerío, Puerto Rico, por voz de sus representaes legales aqui concurrentes, ratifica en favor de José María Pérez, la concesión de usufructo hechale anteriormente y de la que viene disfrutando para el aprovechamiento en usufructo del arriba descrito solar.

SECCION 2da: Que el Municipio deComerío, P.R. se reserva el derecho de imponer al concesionario cuando sus representantes asi lo acordaren una cuota anual por concepto de arrendamiento del solar descrito la que el concesionario pagará en la fecha o fechas que para cada año económico se dispuisere.

SECCION 3ra: Que esta ordenanza regirá inmediatamente despues de haber sido aprobada por la Asamblea Municipal y el Alcalde.

Aprobada: Agosto 24 1926

CERTIFICO : Que la precedente ordenanza fué adoptada por unanimidad por la Asamblea Municipal en su sesión ordinaria celebrada el dia veinte y cuatro de agosto de mil novecientos veinte y seis ; siendo concurrentes a la misma los señores Don Modesto Cobian Gonzales, Don Benigno Espina, Don Francisco Umpierre Carmona, Don Luis Rivera , Don Modesto Gonzalez, Don Benigno Espina, Don Domingo A. Romero y Don Aurelio Romero. Y para remitir al Hon. Alcalde a los efectos de su aprobación de acuerdo con la Ley expido la presente en Comerío, puerto Rico a 25 de agosto de 1926.

Fdo. Maximino Prestamo
Secretario Municipal

Aprobada: 26 de Agosto de 1926

Fdo. Celestino J. Pérez Rivera
Alcalde



APPRAISAL OF REAL PROPERTY

LOCATED AT:
#107, GEORGETTI ST, COMERIO TOWN
REFER TO LEGAL DESCRIPTION.
COMERIO P.R. 00782

FOR:
SUCESION: PEREZ
PRIVATE APPRAISAL REPORT
SAME AS OWNERS ADDRESS

AS OF:
DECEMBER 20, 2009

BY:

SUMMARY OF SALIENT FEATURES

SUBJECT INFORMATION	Subject Address	#107, GEORGETTI ST. COMERIO TOWN
	Legal Description	REFER TO LEGAL DESCRIPTION.
	City	COMERIO
	County	045
	State	P.R.
	Zip Code	00782
	Census Tract	7440
	Map Reference	150-136
SALES PRICE	Sale Price	$ N/A
	Date of Sale	N/A
CLIENT	Borrower/Client	SUCECION: PEREZ
	Lender	SUCESION: PEREZ
DESCRIPTION OF IMPROVEMENTS	Size (Square Feet)	759
	Price per Square Foot	$
	Location	AVERAGE
	Age	A-50 / E-15
	Condition	AVERAGE
	Total Rooms	5
	Bedrooms	2
	Baths	
APPRAISER	Appraiser	
	Date of Appraised Value	DECEMBER 20, 2009
VALUE	Final Estimate of Value	$ 50,000

2009-CUSIN/JB

Property Description **UNIFORM RESIDENTIAL APPRAISAL REPORT** File No. 2,009-CUSIN/JB

SUBJECT

Property Address #107, GEORGETTI ST, COMERIO TOWN City COMERIO State P.R. Zip Code 00782
Legal Description REFER TO LEGAL DESCRIPTION. County 045
Assessor's Parcel No. NOT PROVIDED BY OWNER Tax Year 2009 R.E. Taxes $ 0.00 Special Assessments $ 0.00
Borrower SUCECION: PEREZ Current Owner SUCECION: PEREZ Occupant: ☐ Owner ☒ Tenant ☐ Vacant
Property rights appraised ☒ Fee Simple ☐ Leasehold Project Type ☐ PUD ☐ Condominium (HUD/VA only) HOA $ N/A /Mo.
Neighborhood or Project Name COMERIO CORE CITY Map Reference 150-136 Census Tract 7440
Sale Price $ N/A Date of Sale N/A Description and $ amount of loan charges/concessions to be paid by seller UNKNOWN
Lender/Client SUCESION: PEREZ Address SAME AS OWNER'S ADDRESS, SAME AS OWNER
Appraiser Address

NEIGHBORHOOD

Location	☒ Urban	☐ Suburban	☐ Rural	Predominant occupancy	Single family housing		Present land use %		Land use change
Built up	☒ Over 75%	☐ 25-75%	☐ Under 25%		PRICE $(000)	AGE (yrs)			
Growth rate	☐ Rapid	☒ Stable	☐ Slow	☒ Owner 90%	70 Low	45	One family 40		☒ Not likely ☐ Likely
Property values	☐ Increasing	☒ Stable	☐ Declining	☒ Tenant 0	110 High	60	2-4 family 05		☐ In process
Demand/supply	☐ Shortage	☒ In balance	☐ Over supply	☐ Vacant (0-5%)	Predominant		Multi-family 05		To:
Marketing time	☐ Under 3 mos.	☒ 3-6 mos.	☐ Over 6 mos.	☐ Vac.(over 5%)	90	50	Commercial 50		
							Vacant 00		

Note: Race and the racial composition of the neighborhood are not appraisal factors.

Neighborhood boundaries and characteristics: THE NEIGHBORHOOD BOUNDARIES ARE: NORTH BY LOS PR-156., SOUTH BY PR 156, EAST BY PR-778, WEST BY COMERIO CORE CITY.

Factors that affect the marketability of the properties in the neighborhood (proximity to employment and amenities, employment stability, appeal to market, etc.):
THE IMMEDIATE SUBJECT SUBDIVISION AREA IS COMPOSED OF SINGLE FAMILY DETACHED TYPE OF HOMES. SHOPPING CENTERS, PRIVATE AND PUBLIC SCHOOLS, HOSPITALS AND ALL SERVICES AND AMENITIES ARE LOCATED AT A REASONABLE DISTANCE TO SUBJECT AREA . NO ADVERSE FACTORS WERE NOTED THAT MIGHT AFFECT MARKET VALUE.

Market conditions in the subject neighborhood (including support for the above conclusions related to the trend of property values, demand/supply, and marketing time -- such as data on competitive properties for sale in the neighborhood, description of the prevalence of sales and financing concessions, etc.):
SALE DATA SHOWS THAT THIS IS A STABLE MARKET WITH SUPPLY AND DEMAND IN BALANCE. MARKETING TIME FOR REASONABLE PRICED PROPERTIES IS ESTIMATED AROUND 6 TO 8 MONTHS. NO FINANCING LOAN DISCOUNT OR INTEREST BUYDOWNS OR CONSCESIONS WERE FOUND FOR THE SUBJECT OR COMPARABLE SALES IN THIS MARKET .

PUD

Project Information for PUDs (If applicable) - - Is the developer/builder in control of the Home Owners' Association (HOA)? ☐ Yes ☒ No
Approximate total number of units in the subject project N/A Approximate total number of units for sale in the subject project N/A
Describe common elements and recreational facilities: N/A

SITE

Dimensions N/A
Site area N/A Corner Lot ☐ Yes ☒ No
Specific zoning classification and description RESIDENTIAL 1 TO 4
Zoning compliance ☒ Legal ☐ Legal nonconforming (Grandfathered use) ☐ Illegal ☐ No zoning
Highest & best use as improved: ☒ Present use ☐ Other use (explain)

Utilities	Public	Other	Off-site Improvements	Type	Public	Private
Electricity	☒	TELEPHONE	Street	ASPHALT	☒	☐
Gas	☐		Curb/gutter	YES	☒	☐
Water	☒		Sidewalk	YES-RC	☒	☐
Sanitary sewer	☒		Street lights	YES	☒	☐
Storm sewer	☒		Alley	NONE	☐	☐

Topography	LEVEL
Size	TYPICAL
Shape	REGULAR
Drainage	AVERAGE
View	AVERAGE
Landscaping	ADEQUATE
Driveway Surface	CONCRETE
Apparent easements	PUBLIC UTILITIES
FEMA Special Flood Hazard Area	☒ Yes ☐ No
FEMA Zone	ZONE A
Map Date	04/19/2005
FEMA Map No.	72000C1180H

Comments (apparent adverse easements, encroachments, special assessments, slide areas, illegal or legal nonconforming zoning use, etc.): NO ADVERSE EASMENTS OR ENCROACHMENTS OBSERVED. WE RECOMMEND AN EXPERT IN FLOOD ZONE AREAS TO EVALUATE THE SUBJECT PROPERTY LOACTION. PROPERTY SEEMS TO BE AT SPECIAL FLOOD ZONE AREA, THEREFORE APPRAISER IS NOT EXPERT IN SUCH MATTER.

DESCRIPTION OF IMPROVEMENTS

GENERAL DESCRIPTION		EXTERIOR DESCRIPTION		FOUNDATION		BASEMENT		INSULATION	
No. of Units	1	Foundation	R-CONCRETE	Slab	YES	Area Sq. Ft.	NONE	Roof	☐
No. of Stories	1	Exterior Walls	R-C/C-B	Crawl Space	NONE	% Finished	NONE	Ceiling	☐
Type (Det./Att.)	DETACHED	Roof Surface	R-CONCRETE	Basement	NONE	Ceiling	N/A	Walls	☐
Design (Style)	TROPICAL	Gutters & Dwnspts.	Plastic / PVC	Sump Pump	NONE	Walls	N/A	Floor	☒
Existing/Proposed	EXISTING	Window Type	ALUM/AVG	Dampness	NONE	Floor	N/A	None	☒
Age (Yrs.)	50	Storm/Screens	NONE	Settlement	NONE OBSERV.	Outside Entry	N/A	Unknown	☐
Effective Age (Yrs.)	15	Manufactured House	NO	Infestation	NONE OBSERV.				

ROOMS	Foyer	Living	Dining	Kitchen	Den	Family Rm.	Rec. Rm.	Bedrooms	# Baths	Laundry	Other	Area Sq. Ft.
Basement												NONE
Level 1											UTILITY	
Level 2		1	1	1				2				759

Finished area above grade contains: 5 Rooms; 2 Bedroom(s); Bath(s); 759 Square Feet of Gross Living Area

INTERIOR	Materials/Condition	HEATING	NONE	KITCHEN EQUIP.		ATTIC		AMENITIES		CAR STORAGE: NONE	
Floors	CERAMIC / AVG.	Type	N/A	Refrigerator	P	None	☒	Fireplace(s) #	☐	None	☒
Walls	CONCRETE/AVG.	Fuel		Range/Oven	P	Stairs	☐	Patio	☐	Garage	# of cars
Trim/Finish	PLASTER/AVG.	Condition		Disposal	☐	Drop Stair	☐	Deck	☐	Attached	
Bath Floor	CERAMIC / AVG.	COOLING	NONE	Dishwasher	☐	Scuttle	☐	Porch PCH	☒	Detached	
Bath Wainscot	CERAMIC/AVG.	Central		Fan/Hood	☐	Floor	☐	Fence	☐	Built-In	
Doors	WOOD/AVG.	Other		Microwave	P	Heated	☐	Pool	☐	Carport	
		Condition	N/A	Washer/Dryer	☐	Finished	☐			Driveway	

COMMENTS

Additional features (special energy efficient items, etc.): PAVED AREAS, IRON GRILL WORKS, STAIRS, TERRACE, UTILITY AREA.

Condition of the improvements, depreciation (physical, functional, and external), repairs needed, quality of construction, remodeling/additions, etc.: NORMAL PHYSICAL DETERIORATION DUE TO TIME AND WEAR WAS NOTED. LAYOUT DISTRIBUTION IS TYPICAL ON THIS MARKET. **NOTE: LOT SIDE IS NOT CONSIDERED ON THIS REPORT DUE TO IT'S BELONG TO THE COMERIO MUNICIPALITY. ALSO LOT #105 IN BUILDING SKETCH HAS SAME SUTIATION AND IS NOT CONSIDERED.**

Adverse environmental conditions (such as, but not limited to, hazardous wastes, toxic substances, etc.) present in the improvements, on the site, or in the immediate vicinity of the subject property.: THE APPRAISER IS NOT AN ENVIRONMENTAL SPECIALIST OR EXPERT, HOWEVER NO DETRIMENTAL OR HAZARDOUS SUBSTANCES SUCH AS AIR POLLUTION WERE DETECTED AT DATE OF THE INSPECTION

2009-CUSIN/JB

Valuation Section **UNIFOI** **RESIDENTIAL APPRAISAL REPORT** File No. 2,009-CUSIN/JB

COST APPROACH

ESTIMATED SITE VALUE N/A	= $	Comments on Cost Approach (such as, source of cost estimate, site value, square foot calculation and for HUD, VA and FmHA, the estimated remaining economic life of the property): COST INFORMATION WAS OBTAINED FROM LOCAL SOURCES AND FROM THE MARSHALL AND SWIFT VALUATION COST HANDBOOK. SITE VALUE WAS EXTRACTED BY BUILDING RESIDUAL OF RECENT SALES WITHIN SUBJECT AREA.
ESTIMATED REPRODUCTION COST-NEW-OF IMPROVEMENTS:		
Dwelling 759 Sq. Ft. @$ 65.00	= $ 49,335	
Sq. Ft. @$	=	
PA,PORCH,STAIRS,TERR,BTH ,UTIL	= 15,500	
Garage/Carport Sq. Ft. @$	=	
Total Estimated Cost New	= $ 64,835	
Less Physical / Functional / External		
Depreciation 16,209	=$ 16,209	ESTIMATED REMAINING ECONOMIC LIFE 45 YEARS.
Depreciated Value of Improvements	=$ 48,626	
"As-is" Value of Site Improvements	=$ 2,500	SEE ATTACHED SKETCH FOR SQUARE FEET
INDICATED VALUE BY COST APPROACH	=$ 51,126	CALCULATION

SALES COMPARISON ANALYSIS

ITEM	SUBJECT	COMPARABLE NO. 1		COMPARABLE NO. 2		COMPARABLE NO. 3	
Address	#107, GEORGETTI ST, COMERIO	LOT-7, IZCOA DIAZ ST CAGUAS TOWN		LOT-15, MANUEL ENRIQUEZ TOA BAJA TOWN		LOT-4, 3RD STREET, BARRANQUITAS TOWN	
Proximity to Subject		+\-5 MILES EAST		+\-12 MILES NORTH		+\-4.5 MILES SOUTHWEST	
Sales Price	$ N/A		$ 90,000		$ 71,000		$ 45,000
Price/Gross Living Area	$ /sf	$ 93.56 /sf		$ 107.41 /sf		$ 53.57 /sf	
Data and/or Verification Source	NONE INSPECTION	PR COMP DATA SYSTEM FIELD INSPECTION		PR COMP DATA SYSTEM FIELD INSPECTION		PR COMP DATA SYSTEM FIELD INSPECTION	
VALUE ADJUSTMENTS	DESCRIPTION	DESCRIPTION	+(-)$ Adjust.	DESCRIPTION	+(-)$ Adjust.	DESCRIPTION	+(-)$ Adjust.
Sales or Financing Concessions		CON		CON		CON	
Date of Sale/Time		07/2009		04/2009		12/2009	
Location	AVERAGE	AVERAGE		AVERAGE		AVERAGE	
Leasehold/Fee Simple	FEE SIMPLE	FEE SIMPLE		FEE SIMPLE		FEE SIMPLE	
Site	N/A	211 SM $150	-31,700	186 SM $135	-25,100	299 SM $55	-15,800
View	AVERAGE	AVERAGE		AVERAGE		AVERAGE	
Design and Appeal	TROPICAL	TROPICAL		TROPICAL		TROPICAL	
Quality of Construction	AVERAGE	AVERAGE		AVERAGE		AVERAGE	
Age	A-50 / E-15	A-50 / E-15		A-45 / E-15		A-50 / E-15	
Condition	AVERAGE	AVERAGE		AVERAGE		FAIR	+10,000
Above Grade Room Count (Total / Bdrms / Baths)	5 / 2	6 / 2 / 2	-2,000	6 / 3 / 1	-1,000	6 / 3 / 1	-1,000
Gross Living Area	759 Sq. Ft.	962 Sq. Ft.	-6,090	661 Sq. Ft.	+2,940	840 Sq. Ft.	-2,430
Basement & Finished Rooms Below Grade	NONE / NONE	NONE / NONE		NONE / NONE		NONE / NONE	
Functional Utility	TYPICAL / AVG	TYPICAL / AVG		TYPICAL / AVG		TYPICAL / AVG	
Heating/Cooling	NONE	NONE		NONE		NONE	
Energy Efficient Items	NONE	NONE		NONE		NONE	
Garage/Carport	NONE	1 CARPORT	-5,000	ALM CARPORT	-2,000	OSP	
Porch, Patio, Deck, Fireplace(s), etc.	PORCH	PORCH N/A		PORCH N/A		PORCH N/A	
Fence, Pool, etc.	PA/I.G/BTH	PA/I.G/BTH		FNCPA/I.G		PA/I.G	+1,000
Others/	UTILITY/TERR	LAUNDRY	+5,000	STORAGE	+5,000	W&GIAREA	+5,000
Net Adj. (total)		☐ + ☒ - $	-39,790	☐ + ☒ - $	-20,160	☐ + ☒ - $	-3,230
Adjusted Sales Price of Comparable		$	50,210	$	50,840	$	41,770

Comments on Sales Comparison (including the subject property's compatibility to the neighborhood, etc.): A RANGE IN VALUE IS DEMONSTRATED FROM $41,770 TO $50,840 WITH A MOST PROBABLE MARKET VALUE OF $50,000 ROUNDED . THE COST APPROACH SUPPORT THE SALES COMPARISON METHOD. NO COMPARABLE SALES WAS FOUND AT COMERIO CITY, APPRAISER WAS FORCE TO MOVE TO OTHERS COMPETITIVE CITIES IN ORDER TO COMPLETE THIS REPORT. **NOTE: LOT SIDE IS NOT CONSIDERED IN THIS REPORT DUE TO THE SELLER IS NOT THE OWNER. LOT BELONGS TO THE COMERIO MUNICIPALITY. LOT SIDE ADJUSTMENTS ON COMPARABLES SALES 1,2 & 3 EXTRACTED AT 35%. (LAND TO BUILDING RATIO). AS PER MARKET INDICATES.**

ITEM	SUBJECT	COMPARABLE NO. 1	COMPARABLE NO. 2	COMPARABLE NO. 3
Date, Price and Data Source, for prior sales within year of appraisal	NONE Prior (3) yrs sales Abreu/House Net	NONE Prior (1) yrs sales Abreu/House Net	NONE Prior (1) yrs sales Abreu/House Net	NONE Prior (1) yrs sales Abreu/House Net

Analysis of any current agreement of sale, option, or listing of subject property and analysis of any prior sales of subject and comparables within one year of the date of appraisal: PRIOR SALES OF SUBJECT AND COMPARABLE PROPERTIES PROBABLY OCCURRED MORE THAN THREE (3) YEARS AGO. SUBJECT IS NOT CURRENTLY LISTED NOR OPTIONED FOR SALE AT THE TIME OF INSPECTION.

INDICATED VALUE BY SALES COMPARISON APPROACH $ 50,000

INDICATED VALUE BY INCOME APPROACH (If Applicable) Estimated Market Rent $ N/A /Mo. x Gross Rent Multiplier N/A =$

RECONCILIATION

This appraisal is made ☒ "as is" ☐ subject to the repairs, alterations, inspections or conditions listed below ☐ subject to completion per plans & specifications.

Conditions of Appraisal: NO WARRANTY OF APPRAISAL IS GIVEN OR IMPLIED, NO LIABILITY IS ASSUMED FOR HIDDEN STRUCTURAL OR MECHANICAL ELEMENTS OF THE PROPERTY.

Final Reconciliation: DUE TO LACK OF RENTAL DATA,THE INCOME APPROACH IS NOT APPROPRIATE. MOST WEIGHT IS GIVEN TO THE SALES COMPARISON APPROACH AS IT REFLECTS THE BUYERS ACTIONS. THE COST APPROACH SUPPORTS THE SALES COMPARISON APPROACH.

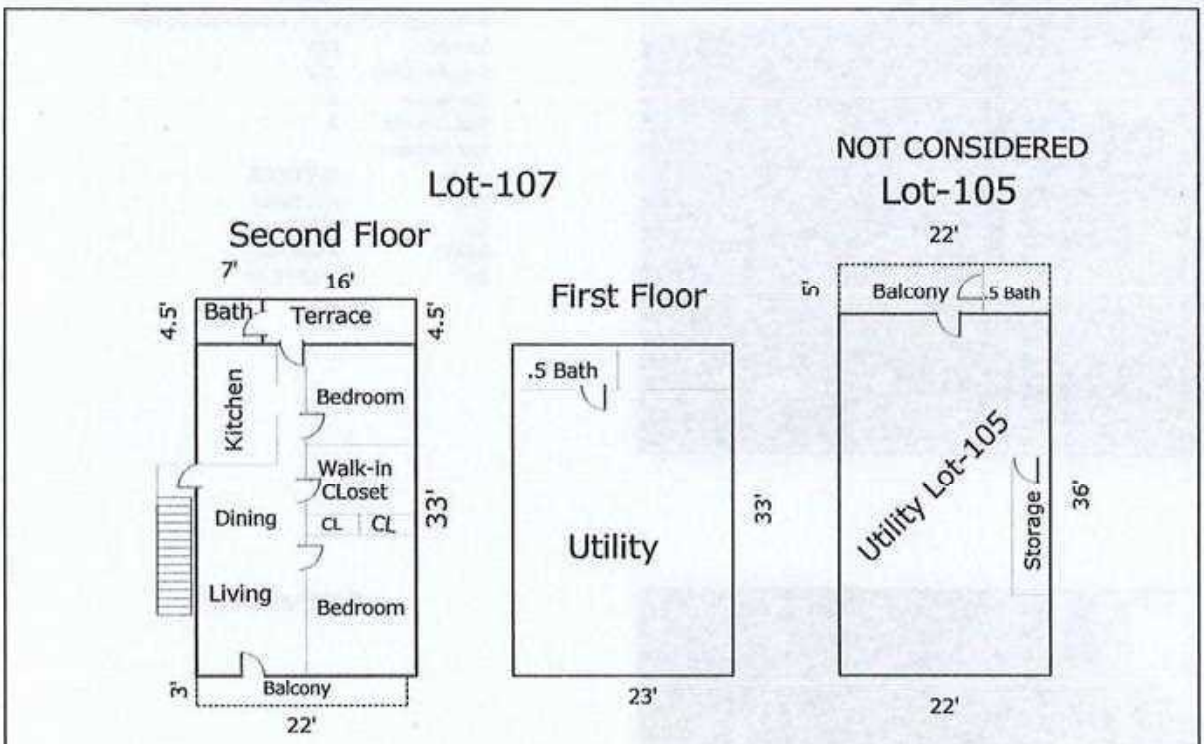
The purpose of this appraisal is to estimate the market value of the real property that is the subject of this report, based on the above conditions and the certification, contingent and limiting conditions, and market value definition that are stated in the attached Freddie Mac Form 439/FNMA form 1004B (Revised 6/93).

I (WE) ESTIMATE THE MARKET VALUE, AS DEFINED, OF THE REAL PROPERTY THAT IS THE SUBJECT OF THIS REPORT, AS OF DECEMBER 20, 2009 **(WHICH IS THE DATE OF INSPECTION AND THE EFFECTIVE DATE OF THIS REPORT) TO BE** $ 50,000

APPRAISER:	SUPERVISORY APPRAISER (ONLY IF REQUIRED):
Signature	Signature ☐ Did ☐ Did Not Inspect Property
Name	Name
Date Report Signed	Date Report Signed
State Certification # State	State Certification # State
Or State License # State	Or State License # State

Building Sketch

Borrower/Client	SUCECION: PEREZ				
Property Address	#107, GEORGETTI ST, COMERIO TOWN				
City	COMERIO	County 045	State P.R.	Zip Code	00782
Lender	SUCESION: PEREZ				



Sketch by Apex Medina™

Comments:

AREA CALCULATIONS SUMMARY

Code	Description	Net Size	Net Totals
GLA1	Second Floor	759.0	759.0
P/P	Balcony	66.0	
	Balcony lot-5	110.0	176.0
OTH	Terrace	72.0	
	Ext.Bath	31.5	
	Utility Area	759.0	
	Utility / Lot-105	792.0	1654.5
	Net LIVABLE Area	(rounded)	759

LIVING AREA BREAKDOWN

Breakdown			Subtotals
Second Floor			
23.0	x	33.0	759.0
1 Item		(rounded)	759

Subject Photo Page

Borrower/Client	SUCECION: PEREZ				
Property Address	#107, GEORGETTI ST, COMERIO TOWN				
City	COMERIO	County 045	State P.R.	Zip Code 00782	
Lender	SUCESION: PEREZ				



Subject Front

#107, GEORGETTI ST, COMERIO TOWN

Sales Price	N/A
Gross Living Area	759
Total Rooms	5
Total Bedrooms	2
Total Bathrooms	
Location	AVERAGE
View	AVERAGE
Site	N/A
Quality	AVERAGE
Age	A-50 / E-15



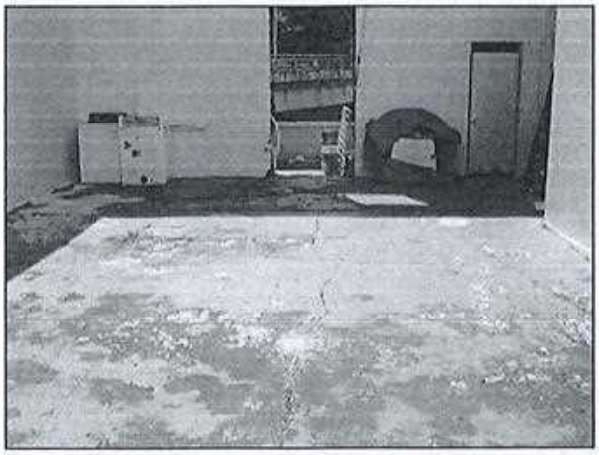
Subject Rear



Subject Street

Photograph Addendum

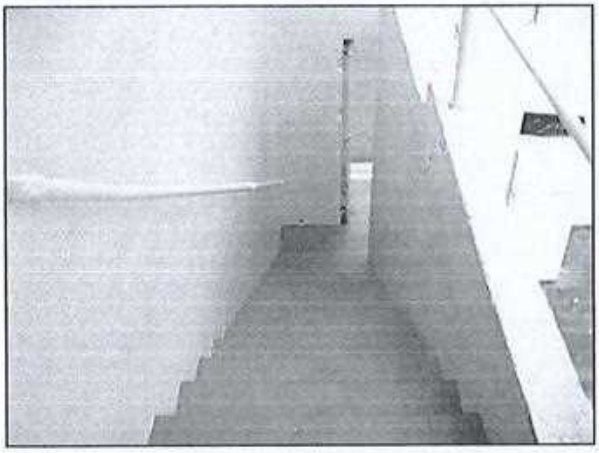
Borrower/Client	SUCECION: PEREZ				
Property Address	#107, GEORGETTI ST, COMERIO TOWN				
City	COMERIO	County 045	State P.R.	Zip Code 00782	
Lender	SUCESION: PEREZ				



INTERIOR



INTERIOR



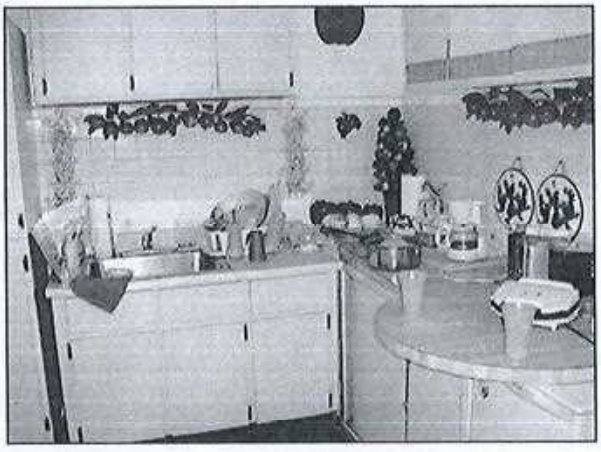
STAIRS



BATHROOM



LIVING AREA



KITCHEN

Invierte en ti

GOBIERNO DE PUERTO RICO

CENTRO DE RECAUDACION DE INGRESOS MUNICIPALES

BPPR BAYAMON CENTER

7-052-18

JAN 25 2022

Notificación y Requerimiento de Pago De La Contribución Sobre la Propiedad Inmueble

Notification and Demand for Payment of Real Property Tax

REGULAR
2021-2022

NUMERO DE CATASTRO / PIN NUMBER		AÑO FISCAL / BILL YEAR
222-094-037-49-802		2021-2022 02
		MUNICIPIO / MUNICIPALITY: 43 COMERIO
SEGURO SOCIAL / SOCIAL SECUR: XXX-XX-5586	BANCO / BANK:	NUMERO DE PRESTAMO / LOAN NUMBER
TIPO / RATE: 9.080		DIST. ESPECIAL / SPECIAL DISTRICT
USO / USE: 1001		CABIDA / LAND SIZE: 228.00M

NOMBRE: PEREZ FEBO JOSE M
NAME:

LOCALIZACION: GEORGETTY 87
LOCATION COMERIO

FECHAS / DATES		
FECHA DE NOTIFICACION / NOTIFICATION DATE: 01/07/2021	FECHA DE VENCIMIENTO / DUE DATE: 01/01/2022	

TASACION Y CONTRIBUCION SOBRE LA PROPIEDAD INMUEBLE	ASSESMENT AND TAX AMOUNT FOR REAL PROPERTY
TIERRAS / LAND: 930	EXONERACION / EXONERATION: 0
ESTRUCTURAS / STRUCTURES: 11,410	VALOR NETO TRIBUTABLE / NET TAXABLE VALUE: 11,410
MAQUINARIA / MACHINERY: 0	CONTRIBUCION / TAX AMOUNT 1er SEMESTRE: 518.02
VALOR TOTAL / TOTAL VALUE: 12,340	CONTRIBUCION / TAX AMOUNT 2do SEMESTRE: 518.01
EXENCION / EXEMPTION: -930	CONT. ANUAL/ANNUAL TAX: 1,036.03
VALOR TRIBUTABLE / TAXABLE VALUE: 11,410	* SEE IMPORTANT INFORMATION ON THE BACK * VEA INFORMACION AL DORSO

Favor de comunicarse con su banco hipotecario antes de efectuar el pago. En el caso en que el banco no pague las contribuciones, es su responsabilidad pagarlas. Debe incluir el talonario de la notificación con su pago debidamente identificado.

A partir de 91 dias despúes de la fecha de vencimiento se computarán intereses y despúes de 120 dias de la fecha de vencimiento se computarán recargos. Contribución de años anteriores no aparece en ésta factura.

CONTRIBUCION ADEUDADA / AÑO CORRIENTE / CURRENT TAX DUE	
FECHA / DATE	CANTIDAD ADEUDADA / AMOUNT DUE
HASTA / BY 31/01/2022	466.21
HASTA / BY 02/03/2022	492.11
HASTA / BY 01/04/2022	518.01

PRINCIPAL Y RECARGOS DEL AÑO CORRIENTE / CURRENT TAX AND SURCHARGE OUTSTANDING	PRINCIPAL Y RECARGOS DE AÑOS ANTERIORES / PRIOR YEARS TAX AND SURCHARGE OUTSTANDING
0 EXCLUYE INTERESES / EXCLUDING INTEREST	0 EXCLUYE INTERESES / EXCLUDING INTEREST

EL PAGO SE PUEDE HACER POR CORREO USANDO EL SOBRE ADJUNTO O EN CUALQUIER INSTITUCION FINANCIERA PARTICIPANTE.
PAYMENT CAN BE MADE BY MAIL USING THE ENCLOSED ENVELOPE OR AT SELECTED FINANCIAL INSTITUTIONS.

Banco Popular
BANCO POPULAR
052 BAYAMON CENTER
Date: 01/25/2022 Time: 11:...
Teller ID:18 -18
Session # 30 - 30

Trans. Sequence / Trans. Description / Account Number

0153 Savings Withdrawal $466.21
*****1418 - [illegible]
CRIM $466.21
0154 CRIMMON $466.21
**********9602 - 9802

Este recibo es el comprobante de sus transacciones. Conservelo para reconciliar su estado de cuenta, para alguna reclamacion o devoluciones de especiales musicales.
¡Gracias por permitirnos servirle!
TeleBanco Popular 787-724-3650 o 1-888-724-3650
www.popular.com

DORIS D. RODRIGUEZ SANTIAGO

INVESTIGACIONES DE TITULO

28 Sector Farallon

BARRANQUITAS, P.R. 00794

TELEFONO: 787-612-0680

email: ddrodriguezsantiago@hotmail.com

ESTUDIO DE TITULO

SOLICITA: **MUNICIPIO DE COMERIO**

REFERENCIA: **NORMA IVETTE RIVERA CORREA**

FINCA NUMERO: **4,128**, inscrita al folio 32 del tomo 69 de Comerío; Registro de la Propiedad de Barranquitas.

DESCRIPCION:

"URBANA: Solar radicado en el Barrio Pueblo del Municipio de Comerío, compuesto de **263.92 metros cuadrados**, en lindes por el NORTE, en 20.70 metros, con la calle Georgetti; por el SUR, en 20.70 metros, con el Río La Plata; por el ESTE, en 12.75 metros, con solar del municipio, ocupado por casa de José María Pérez y por el OESTE, en 12.75 metros, con solar del municipio, ocupado por Agripina Alvelo."

TRACTO REGISTRAL:

Se segrega de la finca #159 inscrita al folio 7 del tomo 4 de Comerío.

DOMINIO:

Consta inscrita a favor de **NORMA IVETTE RIVERA CORREA** t/c/c., Norma Rivera Correa casada con Rafael Pérez Sepulveda, quien adquiere por Adjudicación en Pago Total de Herencia, con un valor de **$161,000.00**; según consta de la escritura #55, otorgada en San Juan, el 11 de abril de 2008, ante el notario Mario M. Oronoz, aclarada por la #60, otorgada en San Juan, el 18 de abril de 2008 y por la #42, otorgada en San Juan, el 7 de septiembre de 2011, ambas ante el citado notario, inscrita al folio 153 vuelto del tomo 163 de Comerío, inscripción quinta y última de la finca #4,128; registrada con fecha 25 de octubre de 2011.

CARGAS Y GRAVAMENES:

POR SI Y POR SU PROCEDENCIA: SE HALLA LIBRE.

REVISADOS: Registros de embargos estatales, federales, así como los de sentencias, sin que surja nada anotado con relación a la descrita finca ni con la dueña de la misma.

REVISADA: Bitácora electrónica sin que surja presentado pendiente de calificación e inscripción documento alguno.

ADVERTENCIA: Debido al nuevo **sistema KARIBE**, al sistema de Bitácora utilizado en ésta sección y al atraso que existe en la entrada de información al mismo, no podemos precisar que exista algún documento u omisión de escaneo de folios, relacionado con la finca objeto de estudio; por lo que no nos hacemos responsables de errores u omisiones en dicho sistema.

En Barranquitas, Puerto Rico, a los 7 días del mes de julio del año dos mil veintidos.

Doris D. Rodríguez Santiago
Investigadora de Títulos

DORIS D. RODRIGUEZ SANTIAGO

INVESTIGACIONES DE TITULO

28 Sector Farallon

BARRANQUITAS, P.R. 00794

TELEFONO: 787-612-0680

email: ddrodriguezsantiago@hotmail.com

ESTUDIO DE TITULO

SOLICITA: **MUNICIPIO DE COMERIO**

REFERENCIA: **NORMA IVETTE RIVERA CORREA**

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TRACTO REGISTRAL:

Se segrega de la finca #159 inscrita al folio 7 del tomo 4 de Comerío.

DOMINIO:

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CARGAS Y GRAVAMENES:

POR SI Y POR SU PROCEDENCIA: SE HALLA LIBRE.

REVISADOS: Registros de embargos estatales, federales, así como los de sentencias, sin que surja nada anotado con relación a la descrita finca ni con la dueña de la misma.

REVISADA: Bitácora electrónica sin que surja presentado pendiente de calificación e inscripción documento alguno.

ADVERTENCIA: Debido al nuevo **sistema KARIBE**, al sistema de Bitácora utilizado en ésta sección y al atraso que existe en la entrada de información al mismo, no podemos precisar que exista algún documento u omisión de escaneo de folios, relacionado con la finca objeto de estudio; por lo que no nos hacemos responsables de errores u omisiones en dicho sistema.

En Barranquitas, Puerto Rico, a los 7 días del mes de julio del año dos mil veintidos.

Doris D. Rodríguez Santiago
Investigadora de Títulos

ESTADO LIBRE ASOCIADO DE PUERTO RICO
DEPARTAMENTO DE JUSTICIA
REGISTRO INMOBILIARIO DIGITAL DEL ESTADO LIBRE ASOCIADO DE PUERTO RICO

Barranquitas: Sección I
Nelson J Santiago Marrero
Registrador de la Propiedad
nesantiago@justicia.pr.gov

CERTIFICACIÓN DE PROPIEDAD INMUEBLE

TURNO DE CERTIFICACIÓN: 2022-013253-CERT

A solicitud de Irvin LLomar Rivera González, se expide la presente sobre las constancias del Registro Inmobiliario Digital de Puerto Rico, y yo Nelson J Santiago Marrero, Registrador **CERTIFICO** la siguiente información de la finca que se relaciona:

Finca número: 4128

Demarcación: Comerío

Descripción de la Finca

Número de Catastro: ---. Urbana: BARRIO PUEBLO COMERÍO de Comerío. Solar: Cabida: 263.92 Metros Cuadrados. Linderos: Norte, en veinte metros setenta centímetros con la Calle Georgetti. Sur, en veinte metros setenta centímetros con el Río La Plata. Este, en doce metros setenta y cinco centímetros con solar del municipio ocupado por casa de José María Pérez. Oeste, en doce metros setenta y cinco centímetros con solar del municipio ocupado por casa de Agripina Alvelo. Es segregación de la finca número 159, inscrita al folio 7 del tomo 4 de Comerío.

Titulares

Inscrita a favor de Norma Ivette Rivera Correa también conocida como Norma Rivera Correa, mayor de edad, casada con Rafael Pérez Sepúlveda y vecina de Caguas, Puerto Rico; quien adquirió por Adjudicación, con un valor de $161,000.00; mediante la escritura número 55, otorgada en San Juan, el día 11 de abril de 2008, ante el notario Mario M. Oronoz, aclarada por la escritura número 60, otorgada en San Juan, el día 18 de abril de 2008, ante el mismo notario y aclarada por la escritura número 42, otorgada en San Juan, el día 7 de septiembre de 2011, ante el mismo notario; según inscripción 5.

Cargas y Gravámenes

Libre de Cargas y Gravámenes

Libros Auxiliares

No existen asientos relacionados a esta finca en los Registros de Embargos a favor del Estado Libre Asociado de Puerto Rico, Gravámenes por Contribuciones a favor de los Estados Unidos de América y Sentencias.

Observaciones:

Hasta la fecha de esta Certificación no se ha practicado ninguna segregación.

ESTADO LIBRE ASOCIADO DE PUERTO RICO
DEPARTAMENTO DE JUSTICIA
REGISTRO INMOBILIARIO DIGITAL DEL ESTADO LIBRE ASOCIADO DE PUERTO RICO

Barranquitas: Sección I
Nelson J Santiago Marrero
Registrador de la Propiedad
nesantiago@justicia.pr.gov

CERTIFICACIÓN DE PROPIEDAD INMUEBLE

TURNO DE CERTIFICACIÓN: 2022-013253-CERT

A solicitud de Irvin LLomar Rivera González, se expide la presente sobre las constancias del Registro Inmobiliario Digital de Puerto Rico, y yo Nelson J Santiago Marrero, Registrador **CERTIFICO** la siguiente información de la finca que se relaciona:

Finca número: 4128

Demarcación: Comerío

Descripción de la Finca

Número de Catastro: ---. Urbana: BARRIO PUEBLO COMERÍO de Comerío. Solar: Cabida: 263.92 Metros Cuadrados. Linderos: Norte, en veinte metros setenta centímetros con la Calle Georgetti. Sur, en veinte metros setenta centímetros con el Río La Plata. Este, en doce metros setenta y cinco centímetros con solar del municipio ocupado por casa de José María Pérez. Oeste, en doce metros setenta y cinco centímetros con solar del municipio ocupado por casa de Agripina Alvelo. Es segregación de la finca número 159, inscrita al folio 7 del tomo 4 de Comerío.

Titulares

Inscrita a favor de Norma Ivette Rivera Correa también conocida como Norma Rivera Correa, mayor de edad, casada con Rafael Pérez Sepúlveda y vecina de Caguas, Puerto Rico; quien adquirió por Adjudicación, con un valor de $161,000.00; mediante la escritura número 55, otorgada en San Juan, el día 11 de abril de 2008, ante el notario Mario M. Oronoz, aclarada por la escritura número 60, otorgada en San Juan, el día 18 de abril de 2008, ante el mismo notario y aclarada por la escritura número 42, otorgada en San Juan, el día 7 de septiembre de 2011, ante el mismo notario; según inscripción 5.

Cargas y Gravámenes

Libre de Cargas y Gravámenes

Libros Auxiliares

No existen asientos relacionados a esta finca en los Registros de Embargos a favor del Estado Libre Asociado de Puerto Rico, Gravámenes por Contribuciones a favor de los Estados Unidos de América y Sentencias.

Observaciones:

Hasta la fecha de esta Certificación no se ha practicado ninguna segregación.

INSTANCIA COMPLEMENTARIA

Hon. Registrador
Registro de la Propiedad
Sección de Barranquitas
Barranquitas, Puerto Rico

RE: Asiento 415 del Diario 557

Honorable Sr. Registrador:

El suscribiente, Mario M. Oronoz, mayor de edad, casado, abogado, y vecino de Guaynabo, Puerto Rico, en representa a la Sucesión de Don Luis Rivera Rosado.

El 11 de abril de 2008 se otorgó ante el Notario suscribiente la escritura número 55 de "Liquidación de Sociedad Legal de Gananciales, Partición y Adjudicación de Herencia y Partición Adjudicada". Entre las propiedades adjudicadas a doña Norma Ivette Rivera Correa, también conocida por Norma Rivera Correa, mayor de edad, casada con don Rafael Pérez Sepúlveda, ejecutiva y vecina de Caguas, Puerto Rico, está el inmueble que se describe a continuación:

> **II-A-20) URBANA:** Solar radicado en el Barrio Pueblo del Municipio de Comerío, compuesto de doscientos sesenta y tres punto noventa y dos metros cuadrados (263.92 m.c.), en lindes: por el Norte, en veinte (20) metros setenta (70) centímetros con el Río La Plata; por el Este, en doce (12) metros setenta y cinco (75) centímetros con solar del Municipio ocupado por casa de José María Pérez; y por el Oeste, en doce (12) metros setenta y cinco (75) centímetros con solar del Municipio, ocupado por casa de Agripina Alvelo. Enclavan en dicha propiedad dos (2) estructuras, una de una (1) planta y la segunda de dos (2) plantas.
>
> Inscrita al folio treinta y tres (33) del tomo sesenta y nueve (69) de Comerío, finca número cuatro mil ciento veintiocho (4,128).

En la Instancia presentada en el Registro del 7 de junio de 2010 al asiento 415 del diario 457, a la página 3 se omitió escribir que la propiedad II-A-20 se le adjudicó a Doña Norma Rivera Correa.

Tomando en consideración lo anteriormente expresado, la página 3 de dicha Instancia debe leer:

A Doña Norma Ivette Rivera Correa, también conocida por Norma Rivera Correa, mayor de edad, casada con don Rafael Pérez Sepúlveda, ejecutiva y vecina de Caguas, Puerto Rico, le fue adjudicada la finca que se describe a continuación:

> **II-A-20) URBANA:** Solar radicado en el Barrio Pueblo del Municipio de Comerío, compuesto de doscientos sesenta y tres punto noventa y dos metros cuadrados (263.92 m.c.), en lindes: por el Norte, en veinte (20) metros setenta (70) centímetros con el Río La Plata; por el Este, en doce (12) metros setenta y cinco (75) centímetros con solar del Municipio ocupado por casa de José María Pérez; y por el Oeste, en doce (12) metros setenta y cinco (75) centímetros con solar del Municipio, ocupado por casa de Agripina Alvelo. Enclavan en dicha

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TURNO DE CERTIFICACIÓN: 2022-013253-CERT

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Finca número: 4128

Demarcación: Comerío

Descripción de la Finca

Número de Catastro: ---. Urbana: BARRIO PUEBLO COMERÍO de Comerío. Solar: Cabida: 263.92 Metros Cuadrados. Linderos: Norte, en veinte metros setenta centímetros con la Calle Georgetti. Sur, en veinte metros setenta centímetros con el Río La Plata. Este, en doce metros setenta y cinco centímetros con solar del municipio ocupado por casa de José María Pérez. Oeste, en doce metros setenta y cinco centímetros con solar del municipio ocupado por casa de Agripina Alvelo. Es segregación de la finca número 159, inscrita al folio 7 del tomo 4 de Comerío.

Titulares

Inscrita a favor de Norma Ivette Rivera Correa también conocida como Norma Rivera Correa, mayor de edad, casada con Rafael Pérez Sepúlveda y vecina de Caguas, Puerto Rico; quien adquirió por Adjudicación, con un valor de $161,000.00; mediante la escritura número 55, otorgada en San Juan, el día 11 de abril de 2008, ante el notario Mario M. Oronoz, aclarada por la escritura número 60, otorgada en San Juan, el día 18 de abril de 2008, ante el mismo notario y aclarada por la escritura número 42, otorgada en San Juan, el día 7 de septiembre de 2011, ante el mismo notario; según inscripción 5.

Cargas y Gravámenes

Libre de Cargas y Gravámenes

Libros Auxiliares

No existen asientos relacionados a esta finca en los Registros de Embargos a favor del Estado Libre Asociado de Puerto Rico, Gravámenes por Contribuciones a favor de los Estados Unidos de América y Sentencias.

Observaciones:

Hasta la fecha de esta Certificación no se ha practicado ninguna segregación.

INSTANCIA COMPLEMENTARIA

Hon. Registrador
Registro de la Propiedad
Sección de Barranquitas
Barranquitas, Puerto Rico

RE: Asiento 415 del Diario 557

Honorable Sr. Registrador:

El suscribiente, Mario M. Oronoz, mayor de edad, casado, abogado, y vecino de Guaynabo, Puerto Rico, en representa a la Sucesión de Don Luis Rivera Rosado.

El 11 de abril de 2008 se otorgó ante el Notario suscribiente la escritura número 55 de "Liquidación de Sociedad Legal de Gananciales, Partición y Adjudicación de Herencia y Partición Adjudicada". Entre las propiedades adjudicadas a doña Norma Ivette Rivera Correa, también conocida por Norma Rivera Correa, mayor de edad, casada con don Rafael Pérez Sepúlveda, ejecutiva y vecina de Caguas, Puerto Rico, está el inmueble que se describe a continuación:

> **II-A-20) URBANA:** Solar radicado en el Barrio Pueblo del Municipio de Comerío, compuesto de doscientos sesenta y tres punto noventa y dos metros cuadrados (263.92 m.c.), en lindes: por el Norte, en veinte (20) metros setenta (70) centímetros con el Río La Plata; por el Este, en doce (12) metros setenta y cinco (75) centímetros con solar del Municipio ocupado por casa de José María Pérez; y por el Oeste, en doce (12) metros setenta y cinco (75) centímetros con solar del Municipio, ocupado por casa de Agripina Alvelo. Enclavan en dicha propiedad dos (2) estructuras, una de una (1) planta y la segunda de dos (2) plantas.
>
> Inscrita al folio treinta y tres (33) del tomo sesenta y nueve (69) de Comerío, finca número cuatro mil ciento veintiocho (4,128).

En la Instancia presentada en el Registro del 7 de junio de 2010 al asiento 415 del diario 457, a la página 3 se omitió escribir que la propiedad II-A-20 se le adjudicó a Doña Norma Rivera Correa.

Tomando en consideración lo anteriormente expresado, la página 3 de dicha Instancia debe leer:

A Doña Norma Ivette Rivera Correa, también conocida por Norma Rivera Correa, mayor de edad, casada con don Rafael Pérez Sepúlveda, ejecutiva y vecina de Caguas, Puerto Rico, le fue adjudicada la finca que se describe a continuación:

> **II-A-20) URBANA:** Solar radicado en el Barrio Pueblo del Municipio de Comerío, compuesto de doscientos sesenta y tres punto noventa y dos metros cuadrados (263.92 m.c.), en lindes: por el Norte, en veinte (20) metros setenta (70) centímetros con el Río La Plata; por el Este, en doce (12) metros setenta y cinco (75) centímetros con solar del Municipio ocupado por casa de José María Pérez; y por el Oeste, en doce (12) metros setenta y cinco (75) centímetros con solar del Municipio, ocupado por casa de Agripina Alvelo. Enclavan en dicha

propiedad dos (2) estructuras, una de una (1) planta y la segunda de dos (2) plantas.

Inscrita al folio treinta y tres (33) del tomo sesenta y nueve (69) de Comerío, finca número cuatro mil ciento veintiocho (4,128).

Solicitamos del Honorable Registrador, tome nota a los fines que se inscriba la propiedad aquí relacionada a nombre de Doña Norma Ivette Rivera Correa, también conocida por Norma Rivera Correa, mayor de edad, casada con don Rafael Pérez Sepúlveda, ejecutiva y vecina de Caguas, Puerto Rico

En San Juan, Puerto Rico, a 24 de junio de 2011.

MARIO M. ORONOZ
Box 195473,
San Juan, PR 00919-5473
Teléfono: 787 782-1173 Fax 787 782-4674
Núm. Notarial 2720

(Instancia -II-A-20 Norma Rivera Correa)

treinta (7,030).----------

---Número Catastro: 249-000-007-33-000 ----------

-----Valorada en Cuarenta y Cinco Mil Novecientos Dólares ($45,900.00), los cuales corresponden al causante. ----------

---**FINCA A-19: RÚSTICA**: Predio de terreno de cinco (5) cuerdas equivalentes a una (1) hectárea y noventa y seis (96) áreas, cincuenta y una (51) centiáreas y noventa y cinco (95) miliáreas, radicada en el Barrio Ceiba de Cidra, Puerto Rico, en lindes: por el Norte, con Diego Cruz; por el Sur, con Luis Rivera; por el Este, con Luis Rivera; y por el Oeste, con Plácido Arroyo.----------

---Inscrita al folio doscientos dieciocho (218) del tomo ciento setenta y dos (172) de Cidra, finca número siete mil treinta y cuatro (7,034).----------

---Número Catastro: Según Certificación de Valores Contributivos (Lapidaria) expedida por el Centro de Recaudación de Ingresos Municipales expedida el dieciséis (16) de octubre de dos mil seis (2006), dicha finca no ha sido segregada, ni tasada y forma parte de la finca con codificación número: 249-000-001-12-000.---------

-----Valorada en Cincuenta Mil Dólares ($50,000.00), los cuales corresponden al causante. ----------

---**FINCA A-20: URBANA:** Solar radicado en el Barrio Pueblo del Municipio de Comerío, compuesto de doscientos sesenta y tres punto noventa y dos metros cuadrados (263.92 m.c.), en lindes: por el Norte, en veinte (20) metros setenta (70) centímetros con el Río La Plata; por el Este, en doce (12) metros setenta y cinco (75) centímetros con solar del Municipio ocupado por casa de José María Pérez; y por el Oeste, en doce (12) metros setenta y cinco (75) centímetros con solar del Municipio, ocupado por casa de Agripina Alvelo. Enclavan en dicha propiedad dos (2) estructuras, una de una (1) planta y la segunda de dos (2) plantas.----------

---Inscrita al folio treinta y tres (33) del tomo sesenta y nueve (69) de Comerío, finca número cuatro mil ciento veintiocho (4,128).----------

Número Catastro: 222-094-037-47-001----------

-----Valorado en Ciento Sesenta y Un Mil Dólares ($161,000.00), los cuales corresponden al causante.--------

---**FINCA A-21: RUSTICA:** Predio de terreno con una cabida de seis (6) cuerdas, equivalentes a dos (2) hectáreas, treinta y cinco (35) áreas y ochenta y dos (82)

Treinta y Tres Dólares y Treinta y Tres Centavos ($133,333.33); y II A-12, valorada en Ochenta y Ocho Mil Trescientos Dólares ($88,300.00) , la Finca II A-9 valorada en Quince Mil Dólares ($15,000.00) y la suma de Cincuenta y Siete Mil Ochocientos Doce Dólares y Ochenta Centavos ($57,812.80).----------

----------QUEDA PAGADO ----------

-----A Norma Rivera Correa le corresponde la suma de Cuatrocientos Ochenta y Tres Mil Seiscientos Sesenta y Un Dólares y Ochenta y Siete Centavos ($483,661.87) y en pago se le adjudican las Fincas I A-3, valorada en Veinticinco Mil Dólares ($25,000.00), II A-20; valorada en Ciento Sesenta y Un Mil Dólares ($161,000.00); y una participación de dieciocho punto cero nueve cinco dos (18.0952) porciento en las fincas II A-3, valorada en Dieciséis Mil Treinta y Nueve Dólares y Cincuenta y Ocho Centavos ($16,039.58) y II A-4, valorada en Catorce Mil Cuatrocientos Setenta y Seis Mil Dólares y Dieciséis Centavos ($14,476.16); una participación de Treinta y Tres punto Treinta y Tres por ciento (33.33%) en las fincas II A-11 y II A-12 valoradas en Ciento Treinta y Tres Mil Trescientos Treinta y Tres Dólares y Treinta y Tres Centavos ($133,333.33) y Ochenta y Ocho Mil Trescientos Dólares ($88,300.00), respectivamente;); cuenta a cobrar por Cuatro Mil Novecientos Setenta y Cinco Dólares ($4,975.00) y un bono en la cuenta uno "G" seis cero seis cinco tres siete cuatro (IG 6065374) de UBS del Puerto Rico Conservation FD BIE; 050117DTD 041002 partida III-

DORIS D. RODRIGUEZ SANTIAGO

INVESTIGACIONES DE TITULO

28 Sector Farallon

BARRANQUITAS, P.R. 00794

TELEFONO: 787-612-0680

email: ddrodriguezsantiago@hotmail.com

ESTUDIO DE TITULO

SOLICITA: **MUNICIPIO DE COMERIO**

REFERENCIA: **SUCESION JIMENEZ - BAEZ**

FINCA NUMERO: **2,729**, inscrita al folio 153 del tomo 58 de Comerío; Registro de la Propiedad de Barranquitas.

DESCRIPCION:

"URBANA: Solar radicado frente a la calle Georgetti del Municipio de Comerío, con una cabida superficial de **67.17 metros cuadrados** y en lindes por el NORTE, en 6.00 metros, con la calle Georgetti; por el SUR, en 5.85 metros, con el Río La Plata; por el ESTE, en 11.28 metros, con un solar ocupado por el señor Luis Rivera y por el OESTE, en 11.43 metros, con un solar ocupado por Modesto González."

----- Del Registro no surge edificación alguna.

TRACTO REGISTRAL:

Se segrega de la finca #159 inscrita al folio 7 del tomo 4 de Comerío.

DOMINIO:

Consta inscrita a favor de la sucesión de Héctor Eduardo Jiménez Rivera y Nereida Iris Báez t/c/c., Iris Nereida Báez Torres, quienes fallecieron en Comerío, el día 30 de agosto de 1982, compuesta por sus hijos: **HECTOR EDUARDO, IRIS NEREIDA, CARMEN GISELA y MIRELSA MILAGROS** todos de apellidos **JIMENEZ BAEZ** y de **SYLVIA JIMENEZ QUILES** (ésta solo y en cuanto a la participación del señor Jiménez Rivera); según consta de las Resoluciones emitidas por el Tribunal Superior, Sala de Aibonito, el 9 de diciembre de 1982, en los casos civiles #CSI-82-1871 Y CSI-82-1870 sobre Declaratoria de Herederos, inscritas con vista de los

certificados de cancelación de gravamen en los que se valora la participación de dichos causantes en **$7,500.00** cada una, al folio 153 vuelto del tomo 58 de Comerío, inscripción segunda y última de la finca #2,729; registrada con fecha 17 de agosto de 1998, respectivamente.

CARGAS Y GRAVAMENES:

POR SI Y POR SU PROCEDENCIA: SE HALLA LIBRE.

REVISADOS: Registros de embargos estatales, federales, así como los de sentencias, sin que surja nada anotado con relación a la descrita finca ni con los dueños de la misma.

REVISADA: Bitácora electrónica sin que surja presentado pendiente de calificación e inscripción documento alguno.

ADVERTENCIA: Debido al nuevo **sistema KARIBE**, al sistema de Bitácora utilizado en ésta sección y al atraso que existe en la entrada de información al mismo, no podemos precisar que exista algún documento u omisión de escaneo de folios, relacionado con la finca objeto de estudio; por lo que no nos hacemos responsables de errores u omisiones en dicho sistema.

En Barranquitas, Puerto Rico, a los 7 días del mes de julio del año dos mil veintidos.

Doris D. Rodríguez Santiago
Investigadora de Títulos

12 de octubre de 2022

Sra. Anais Rodríguez Vega
Secretaria Interina
Departamento de Recursos Naturales y Ambientales
PO Box 366147
San Juan, PR 00936

ATTN: Área de Control de Contaminación de Terreno

Re: Fase I (Propiedades Ventana al Rio)
Calle Eduardo Georgetti Km 0.01-0.03
Y Km 31.7-31.8, Comerío, PR 00782
(18.217383, -66.226765)

Estimada Sra Rodríguez:

Zimmetry Environmental Management Corp. está preparando un estudio de Fase I (*Phase I Environmental Site Assessment*) para las propiedades de referencia, ubicadas en la Calle Eduardo Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío, Puerto Rico. La dirección exacta de las 8 propiedades que se encuentran en esos Kilómetros son las siguientes:

1. Calle Georgetti #75, Comerío PR, Coordenadas: 18.21746067, -66.22641072
2. Calle Georgetti #77, Comerío PR, Coordenadas: 18.21740526, -66.22656494
3. Calle Georgetti #79, Comerío PR, Coordenadas: 18.217414, -66.226653
4. Calle Georgetii #60, Comerío PR, Coordenadas: 18.21727596, -66.22692872
5. Calle Georgetti #87, Comerío PR, Coordenadas: 18.21728201, -66.22701455
6. Calle Georgetti #91, Comerío PR, Coordenadas: 18.217304, -66.227096
7. Calle Georgetti #93, Comerío PR, Coordenadas: 18.21723588, - 66.22714690
8. Calle Georgetti #95, Comerío PR, Coordenadas: 18.21722692, -66.22724622

Se solicita al DRNA, Área de Control de Contaminación de Terreno toda información disponible referente a dichas propiedades. Agradeceremos poder tener acceso a cualquier información o documentos públicos vinculados con estas propiedades que puedan ayudar a clarificar cualquier situación presente en las propiedades.

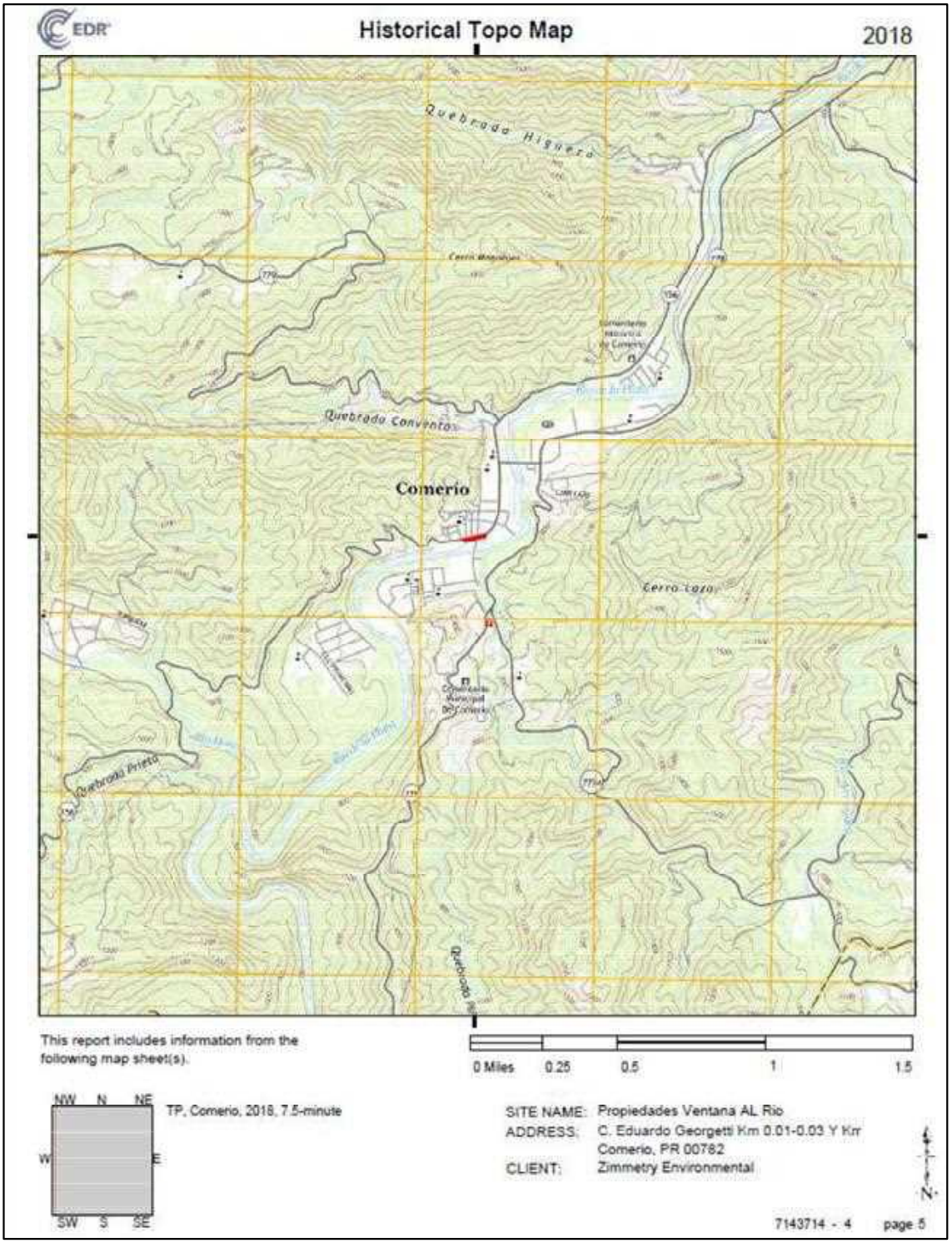
Agradeceremos anticipadamente la ayuda que nos puedan brindar en este caso. De surgir alguna pregunta con relación a la información solicitada, favor comunicarse con nosotros al 787-995-0005 o al 787-550-2061.

Atentamente,

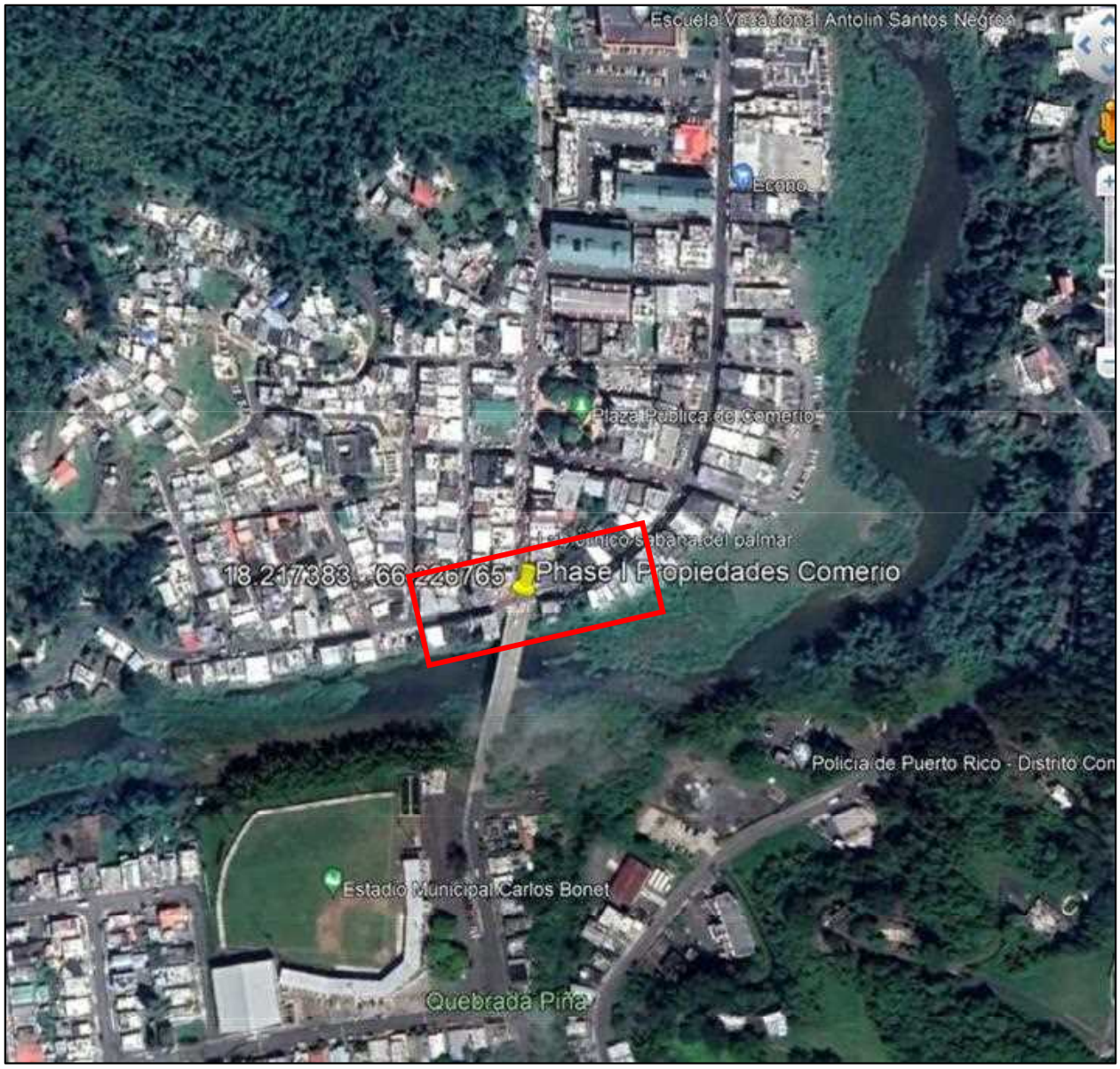


_____
Dilia Rosado, BSENVE, MEM
Gerente de Operaciones

Mapa Topográfico & Foto Aérea



ZIMMETRY
ENVIRONMENTAL
& INDUSTRIAL HYGIENE



PO Box 3545 Bayamón, PR 00958 Ph (787)995-0005
info@zimmetry.com www.zimmetry.com

12 de octubre de 2022

Sra. Anais Rodriguez Vega
Secretaria Interina
Departamento de Recursos Naturales y Ambientales
PO Box 366147
San Juan, PR 00936

ATTN: Sr. Edwin Malavet
Gerente, Área de Respuesta a Emergencias Ambientales

Re: Fase I (Propiedades Ventana al Rio)
Calle Eduardo Georgetti Km 0.01-0.03
Y Km 31.7-31.8, Comerío, PR 00782
(18.217383, -66.226765)

Estimada Sra Rodríguez:

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8. Calle Georgetti #95, Comerío PR, Coordenadas: 18.21722692, -66.22724622

Se solicita al DRNA, Área de Respuesta a Emergencias Ambientales toda información disponible referente a dichas propiedades. Agradeceremos poder tener acceso a cualquier información o documentos públicos vinculados con estas propiedades que puedan ayudar a clarificar cualquier situación presente en las propiedades.

Agradeceremos anticipadamente la ayuda que nos puedan brindar en este caso. De surgir alguna pregunta con relación a la información solicitada, favor comunicarse con nosotros al 787-995-0005 o al 787-550-2061.

Atentamente,



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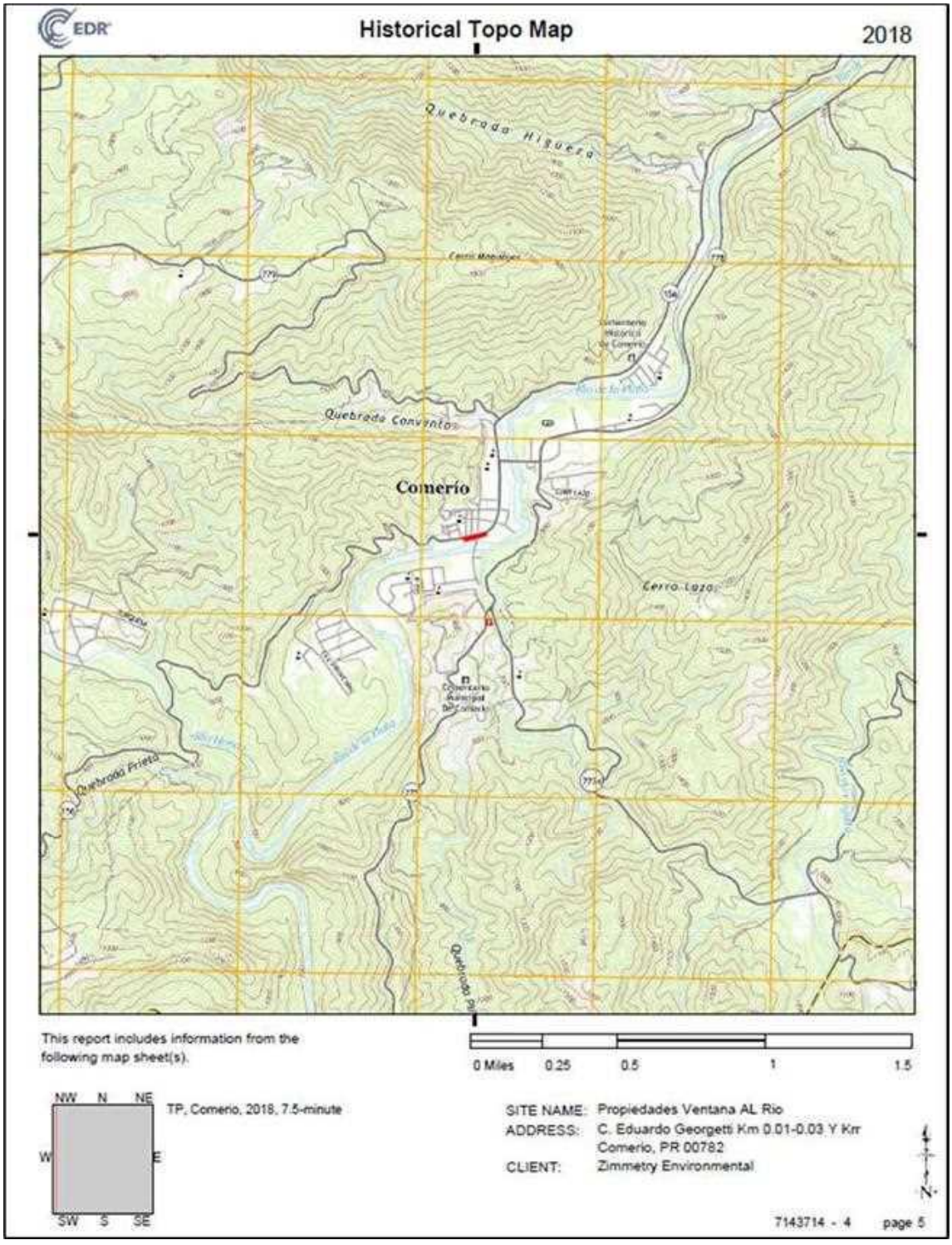
Dilia Rosado, BSENVE, MEM
Gerente de Operaciones

Mapa Topográfico & Foto Aérea



ZIMMETRY
ENVIRONMENTAL
& INDUSTRIAL HYGIENE



PO Box 3545 Bayamón, PR 00958 Ph (787)995-0005
info@zimmetry.com www.zimmetry.com

12 de octubre de 2022

Sra. Anais Rodríguez Vega
Secretaria Interina
Departamento de Recursos Naturales y Ambientales
PO Box 366147
San Juan, PR 00936

ATTN: Sra. Wilmarie Rivera Otero, Jefa
Division para el Manejo de Tanques
Almacenamiento Soterrados

Re: Fase I (Propiedades Ventana al Rio)
Calle Eduardo Georgetti Km 0.01-0.03
Y Km 31.7-31.8, Comerío, PR 00782
(18.217383, -66.226765)

Estimada Sra Rodríguez:

Zimmetry Environmental Management Corp. está preparando un estudio de Fase I (*Phase I Environmental Site Assessment*) para las propiedades de referencia, ubicadas en la Calle Eduardo Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío, Puerto Rico. La dirección exacta de las 8 propiedades que se encuentran en esos Kilómetros son las siguientes:

1. Calle Georgetti #75, Comerío PR, Coordenadas: 18.21746067, -66.22641072
2. Calle Georgetti #77, Comerío PR, Coordenadas: 18.21740526, -66.22656494
3. Calle Georgetti #79, Comerío PR, Coordenadas: 18.217414, -66.226653
4. Calle Georgetii #60, Comerío PR, Coordenadas: 18.21727596, -66.22692872
5. Calle Georgetti #87, Comerío PR, Coordenadas: 18.21728201, -66.22701455
6. Calle Georgetti #91, Comerío PR, Coordenadas: 18.217304, -66.227096
7. Calle Georgetti #93, Comerío PR, Coordenadas: 18.21723588, - 66.22714690
8. Calle Georgetti #95, Comerío PR, Coordenadas: 18.21722692, -66.22724622

Se solicita al DRNA, División para el manejo de Tanques Almacenamiento Soterrados toda información disponible referente a dichas propiedades. Agradeceremos poder tener acceso a cualquier información o documentos públicos vinculados con estas propiedades que puedan ayudar a clarificar cualquier situación presente en las propiedades.

Agradeceremos anticipadamente la ayuda que nos puedan brindar en este caso. De surgir alguna pregunta con relación a la información solicitada, favor comunicarse con nosotros al 787-995-0005 o al 787-550-2061.

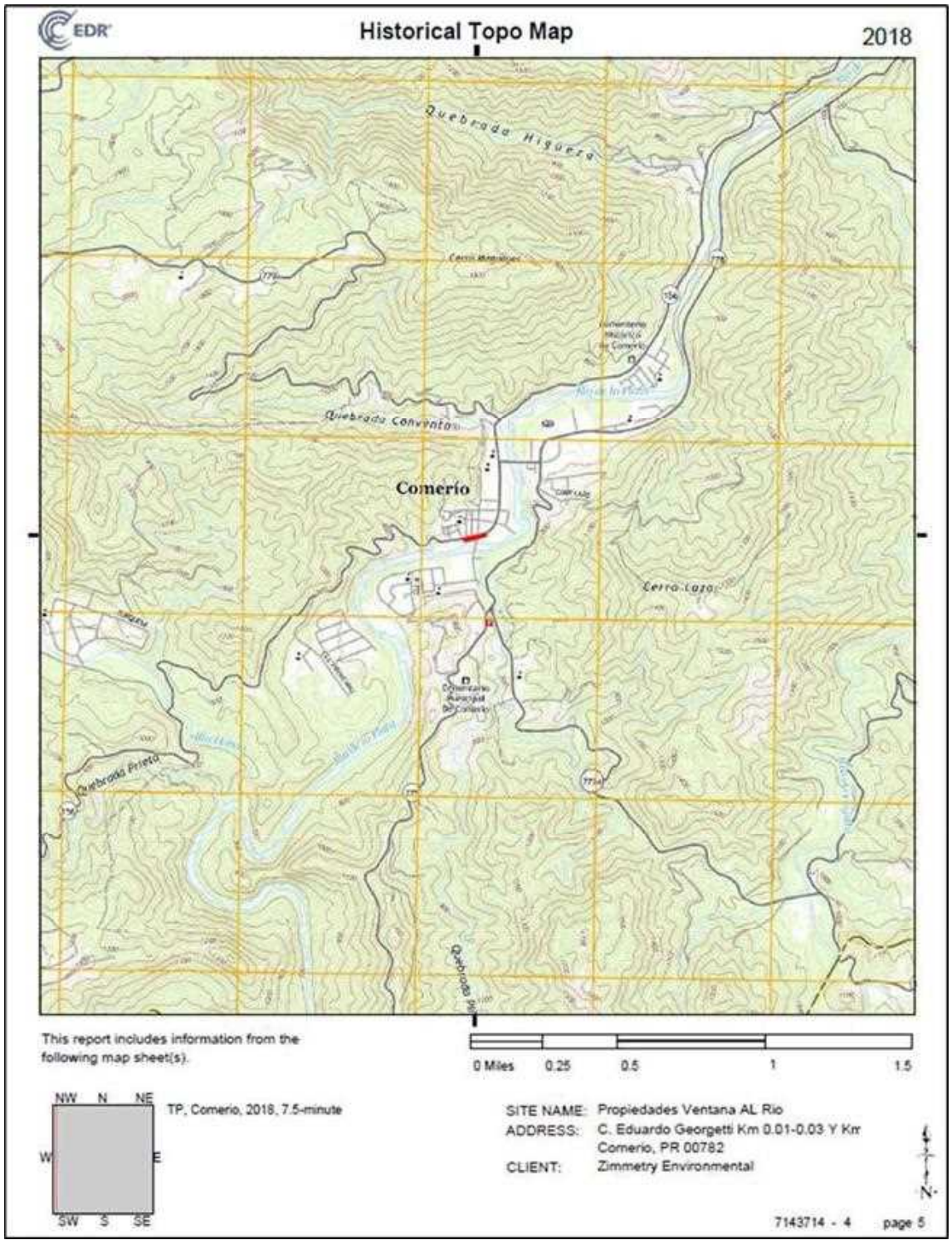
Atentamente,



_____
Dilia Rosado, BSENVE, MEM
Profesional Ambiental

ZIMMETRY
ENVIRONMENTAL
& INDUSTRIAL HYGIENE

Mapa Topográfico & Foto Aérea



ZIMMETRY
ENVIRONMENTAL
& INDUSTRIAL HYGIENE



PO Box 3545 Bayamón, PR 00958 Ph (787)995-0005
info@zimmetry.com www.zimmetry.com

GOBIERNO DE PUERTO RICO
DEPARTAMENTO DE RECURSOS NATURALES Y AMBIENTALES

13 de octubre de 2022

DILIA ROSADO
P.O. Box 3545
Bayamón, P.R. 00958

Estimada señora Rosado:

SOLICITUD DE INFORMACIÓN PARA AUDITORIA AMBIENTAL FASE I
(PROPIEDADES VENTANA AL RIO)
CALLE EDUARDO GEORGETTI, KM 0.01-0.03
Y KM 31.7-31.8 COMERIO, PR 00782

El 13 de octubre de 2022, la División de Permisos Desperdicios Peligrosos (DPDP) del Área de Control de Contaminación de Terrenos recibió una carta de la Sra. Dilia Rosado en representación de la compañía Zimmetry Environmental & Industrial Hygiene 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 activa 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

María V. Rodríguez Muñoz
Gerente Interina
Área de Control de Contaminación de Terrenos

GOBIERNO DE PUERTO RICO
DEPARTAMENTO DE RECURSOS NATURALES Y AMBIENTALES

21 de octubre de 2022

VÍA CORREO ELECTRÓNICO: info@zimmetry.com

Sra. Dilia Rosado, *BSENVE, MEM*
Gerente de Operaciones
ZIMMETRY ENVIRONMENTAL
PO Box 3545
Bayamón, PR 00958

Estimada señora Rosado:

El 12 de octubre de 2022 se recibió una carta Fase 1 en la cual usted solicita información sobre los incidentes ambientales que hubiesen ocurrido en o cerca del lugar que se menciona a continuación:

Facilidades: Propiedades Ventana al Río
Calle Eduardo Georgetti km 0.01-0.03 y km 31.7-31.8
en Comerío, PR

En respuesta a su solicitud, el Área de Respuesta a Emergencias Ambientales y Superfondo ha revisado los expedientes encontrados en nuestro archivo físico y en nuestro sistema mecanizado de datos. De la revisión realizada, tengo a bien informarle que no obra información de casos que hayan impactado adversamente el ambiente o que hayan estado relacionados a una emergencia ambiental, escapes de sustancias peligrosas o derrames en las inmediaciones del lugar antes mencionado. Tampoco, existe un Lugar Superfondo registrado o propuesto dentro del radio de una milla del lugar concerniente

Esperamos que esta información le sea de utilidad. De tener alguna duda o pregunta se puede comunicar con Amarilis Rodríguez Méndez, Oficial de Inspección y Cumplimiento Ambiental, Área de Respuesta a Emergencias Ambientales y Superfondo, al (787) 999-2200 extensión 5930 o por vía de correo electrónico a: amarilisrodriguez@drna.pr.gov.

Cordialmente,

Edwin O. Malavet Santiago, Gerente
Área de Respuesta a Emergencias Ambientales
y Superfondo

ARM

INTERVIEW WITH OPERATORS AND OCCUPANTS

Name and Title:	N/A
Company and Years:	
Current Use of Subject Property:	
Past Use(s) of Subject Property:	
Current Use of Surrounding Properties:	
Past Use(s) of Surrounding Properties:	
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	
Current or Past Regulatory Action(s):	
Past Releases of Hazardous/Petroleum Materials on the Property:	
Other Environmental Information (Permits, etc.):	
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	

INTERVIEW WITH OWNER

Name and Title:	FAUSTINO HERNANDEZ AYALA
Company and Years:	-1985
Current Use of Subject Property:	DESOCUPADA
Past Use(s) of Subject Property:	ALMACEN DE FUNERARIA
Current Use of Surrounding Properties:	DESOCUPADA
Past Use(s) of Surrounding Properties:	ALMACAEN FUNERARIA
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OPERATORS AND OCCUPANTS

Name and Title:	DESOCUPADA
Company and Years:	
Current Use of Subject Property:	
Past Use(s) of Subject Property:	
Current Use of Surrounding Properties:	
Past Use(s) of Surrounding Properties:	
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OWNER

Name and Title:	ISABEL SIERRA GARCIA
Company and Years:	1940 APROX
Current Use of Subject Property:	DESOCUPADA
Past Use(s) of Subject Property:	UÑAS KOREANAS, RESIDENCIA ARRIBA
Current Use of Surrounding Properties:	RESIDENCIAS DESOCUPADAS Y COMERCIOS DESOCUPADOS ALREDEDOR
Past Use(s) of Surrounding Properties:	COMERCIOS/PROPIEDADES
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OPERATORS AND OCCUPANTS

Name and Title:	DORCA VILLEGAS MELENDEZ
Company and Years:	LLEVA 21 AÑOS EN LA RESIDENCIA
Current Use of Subject Property:	VIVIENDA ARRIBA Y COMERCIO ABAJO
Past Use(s) of Subject Property:	RESIDENCIA Y COMERCIO
Current Use of Surrounding Properties:	RESIDENCIAS DESOCUPADAS
Past Use(s) of Surrounding Properties:	COMERCIOS
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OWNER

Name and Title:	JESUS LOPEZ PINTADO
Company and Years:	1940 APROX
Current Use of Subject Property:	RESIDENCIAL (ARRIBA)/COMERIAL(ABAJO)
Past Use(s) of Subject Property:	RESIDENCIA ARRIBA Y COMERCIO ABAJO
Current Use of Surrounding Properties:	RESIDENCIAS OCUPADAS
Past Use(s) of Surrounding Properties:	COMERCIOS
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OPERATORS AND OCCUPANTS

Name and Title:	DESOCUPADA
Company and Years:	
Current Use of Subject Property:	
Past Use(s) of Subject Property:	
Current Use of Surrounding Properties:	
Past Use(s) of Surrounding Properties:	
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OWNER

Name and Title:	JOSE MARIA PEREZ
Company and Years:	1920 APROX
Current Use of Subject Property:	DESOCUPADA
Past Use(s) of Subject Property:	LOCAL COMERCIAL ABAJO/ RESIDENCIA ARRIBA
Current Use of Surrounding Properties:	RESIDENCIAS Y COMERCIOS DESOCUPADOS ALREDEDOR
Past Use(s) of Surrounding Properties:	COMERCIOS/PROPIEDADES
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OPERATORS AND OCCUPANTS

Name and Title:	SANDRA ROSARIO
Company and Years:	10 AÑOS VIVIENDO LA PROPIEDAD
Current Use of Subject Property:	RESIDENCIA
Past Use(s) of Subject Property:	RESIDENCIA Y COMERCIO
Current Use of Surrounding Properties:	COMERCIOS DESOCUPADOS
Past Use(s) of Surrounding Properties:	CCOMERCIOS DESOCUPADOS
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OWNER

Name and Title:	JOSE MARIA PEREZ
Company and Years:	1920 APROX
Current Use of Subject Property:	RESIDENCIA
Past Use(s) of Subject Property:	RESIDENCIAL/COMERCIAL
Current Use of Surrounding Properties:	RESIDENCIA DESOCUPADA Y COMERCIO DESOCUPADO
Past Use(s) of Surrounding Properties:	COMERCIOS/PROPIEDADES
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OPERATORS AND OCCUPANTS

Name and Title:	DESOCUPADA
Company and Years:	
Current Use of Subject Property:	
Past Use(s) of Subject Property:	
Current Use of Surrounding Properties:	
Past Use(s) of Surrounding Properties:	
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OWNER

Name and Title:	NORMA I. RIVERA CORREA
Company and Years:	1920 APROX
Current Use of Subject Property:	DESOCUPADA
Past Use(s) of Subject Property:	RESIDENCIAL
Current Use of Surrounding Properties:	RESIDENCIA Y LOCAL COMERCIAL DESOCUPADO
Past Use(s) of Surrounding Properties:	RESIDENCIA
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OPERATORS AND OCCUPANTS

Name and Title:	DESOCUPADA
Company and Years:	
Current Use of Subject Property:	
Past Use(s) of Subject Property:	
Current Use of Surrounding Properties:	
Past Use(s) of Surrounding Properties:	
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OWNER

Name and Title:	NORMA I. RIVERA CORREA
Company and Years:	1920 APROX
Current Use of Subject Property:	DESOCUPADA
Past Use(s) of Subject Property:	COMERCIAL
Current Use of Surrounding Properties:	COMERCIAL Y RESIDENCIA DESOCUPADO
Past Use(s) of Surrounding Properties:	FUNERARIA
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

INTERVIEW WITH OPERATORS AND OCCUPANTS

Name and Title:	N/A
Company and Years:	
Current Use of Subject Property:	
Past Use(s) of Subject Property:	
Current Use of Surrounding Properties:	
Past Use(s) of Surrounding Properties:	
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	
Current or Past Regulatory Action(s):	
Past Releases of Hazardous/Petroleum Materials on the Property:	
Other Environmental Information (Permits, etc.):	
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	

INTERVIEW WITH OWNER

Name and Title:	SUCESION JIMENEZ BAEZ
Company and Years:	1940 APROX
Current Use of Subject Property:	DESOCUPADA
Past Use(s) of Subject Property:	FUNERARIA
Current Use of Surrounding Properties:	DESOCUPADA
Past Use(s) of Surrounding Properties:	FUNERARIA
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	NO
Current or Past Regulatory Action(s):	NO
Past Releases of Hazardous/Petroleum Materials on the Property:	NO
Other Environmental Information (Permits, etc.):	NO
Aware of Any Pending, Threatened or Past Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject Property?	NO
Aware of Any Pending, Threatened or Past Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or from Subject property?	NO
Aware of Any Pending, Threatened or Past Notices from Any Governmental Entity Regarding Possible Violations of Environmental Laws or Possible Liability Relating to Hazardous Substances or Petroleum Products?	NO

APPENDIX G: AERIAL PHOTOGRAPHS

Phase I Environmental Site Assessment Report
Propiedades Ventana al Río, Calle Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, Puerto Rico.

AERIAL PHOTOGRAPHS

Photo No. Google Earth	**Date:** 10/24/2022	
Description: **Picture 1- 2022** Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío, PR 00782		

Photo No. Google Earth	**Date:** 10/24/2022	
Description: **Picture 2- 2018** Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío, PR 00782		

AERIAL PHOTOGRAPHS

Photo No. Google Earth	**Date:** 10/24/2022	
Description: **Picture 3- 2015** Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío, PR 00782		

Photo No. Google Earth	**Date:** 10/24/2022	
Description: **Picture 4- 2010** Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío, PR 00782		

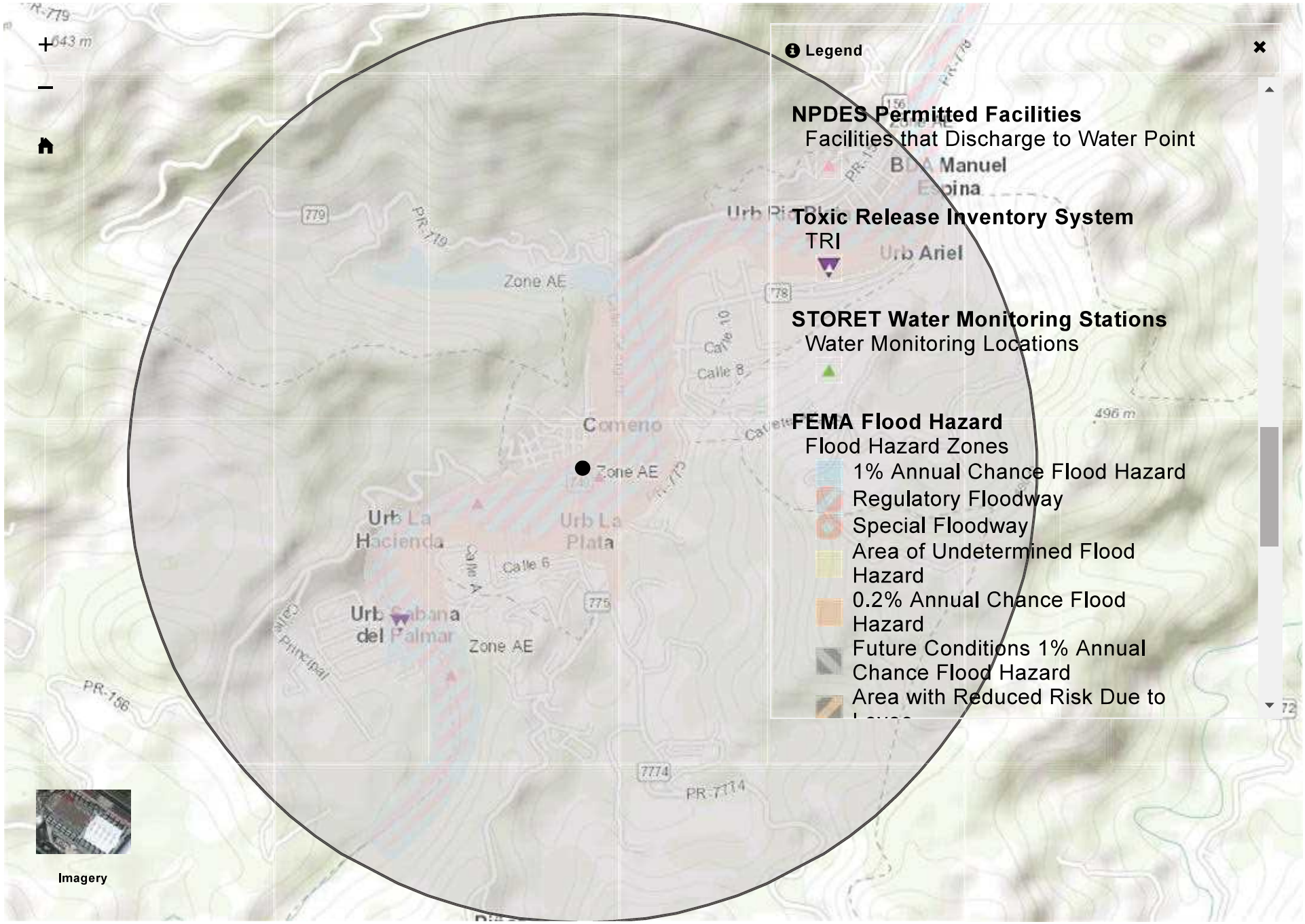
AERIAL PHOTOGRAPHS

Photo No. Google Earth	**Date:** 10/24/2022	
Description: **Picture 5- 2006** Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío, PR 00782		

Photo No. Google Earth	**Date:** 10/24/2022	
Description: **Picture 6- 2004** Propiedades Ventana al Río Calle Georgetti Km 0.01-0.03 y Km 31.7-31.8, Comerío, PR 00782		

APPENDIX H: EPA DATA

Phase I Environmental Site Assessment Report
Propiedades Ventana al Río, Calle Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, Puerto Rico.


Legend
NPDES Permitted Facilities
Facilities that Discharge to Water Point
Toxic Release Inventory System
TRI
STORET Water Monitoring Stations
Water Monitoring Locations
FEMA Flood Hazard
Flood Hazard Zones
1% Annual Chance Flood Hazard
Regulatory Floodway
Special Floodway
Area of Undetermined Flood Hazard
0.2% Annual Chance Flood Hazard
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Risk Due to
Imagery
Zone AE
Comeno
Urb La Hacienda
Urb La Plata
Urb Sabana del Palmar
Urb Ariel
Manuel Espina
Calle 8
Calle 6
PR-719
PR-156
PR-7114
779
778
775
7774
496 m

An official website of the United States government

MENU

Search EPA.gov

Related Topics: **Envirofacts** <../>

CONTACT US <https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>

Search Results for:

00782



The facility list below is based upon the facilities that are visible with the map above. To refine your search to a more targeted area of interest, please visit the Envirofacts Multisystem Search Form <https://epa.gov//enviro.epa.gov/facts/multisystem.html>. To search Envirofacts via an interactive map, please view your results in EnviroMapper for Envirofacts

List of EPA-Regulated Facilities in Envirofacts

Copy	CSV	Excel	PDF	Print

Showing 1 to 3 of 3 entries Show 10 entries Search:

First Previous 1 Next Last

FACILITY INFORMATION	AFS <https://www.epa.gov/enviro/icis-air-overview>	ACRES <https://www.epa.gov/cleanups/cleanups-my-community>	BR <https://www.epa.gov/enviro/br-overview>	SEMS <https://www.epa.gov/enviro/se
COMERO CALLE JOS DE DIEGO NUMBER 13 COMERIO, PR 00782 Latitude: 18.217944 Longitude: -66.226472 Summary Report Facility Report Compliance Report				
GALLERA MUFFLERS PR-156 COMERIO, PR 00782 Latitude: 18.218696 Longitude: -66.225636 Summary Report Facility Report Compliance Report				

FACILITY INFORMATION	AFS <https://www.epa.gov/enviro/icis-air-overview>	ACRES <https://www.epa.gov/cleanups/cleanups-my-community>	BR <https://www.epa.gov/enviro/br-overview>	SEMS <https://www.epa.gov/enviro/se
PRASA - SABANA DEL PALMAR PUMP STA PR-156 SALIDA A COMERIO, PR 00782 Latitude: 18.218696 Longitude: -66.225636 Summary Report Facility Report Compliance Report				

Showing 1 to 3 of 3 entries Show 10 entries Search:

First Previous 1 Next Last

Total Number of Facilities Displayed: 3

Return to more topical information <https://epa.gov//enviro.epa.gov/index.html>

Data Refresh Information <https://epa.gov/resources/echo-data/about-the-data#sources>

EnviroMapper

Search Place: 00782

Clear

Select EPA program system(s) to map:

- Air Pollution (ICIS-AIR)(0)
- Superfund Sites (NPL)(0)
- Toxic Releases (TRI)(0)
- Hazardous Waste (RCRAInfo)(2)
- Water Dischargers (NPDES)(1)
- Brownfields (ACRES)(0)
- Biennial Reporting (BR)(0)
- Toxic Substances Control Act (TSCA)(0)

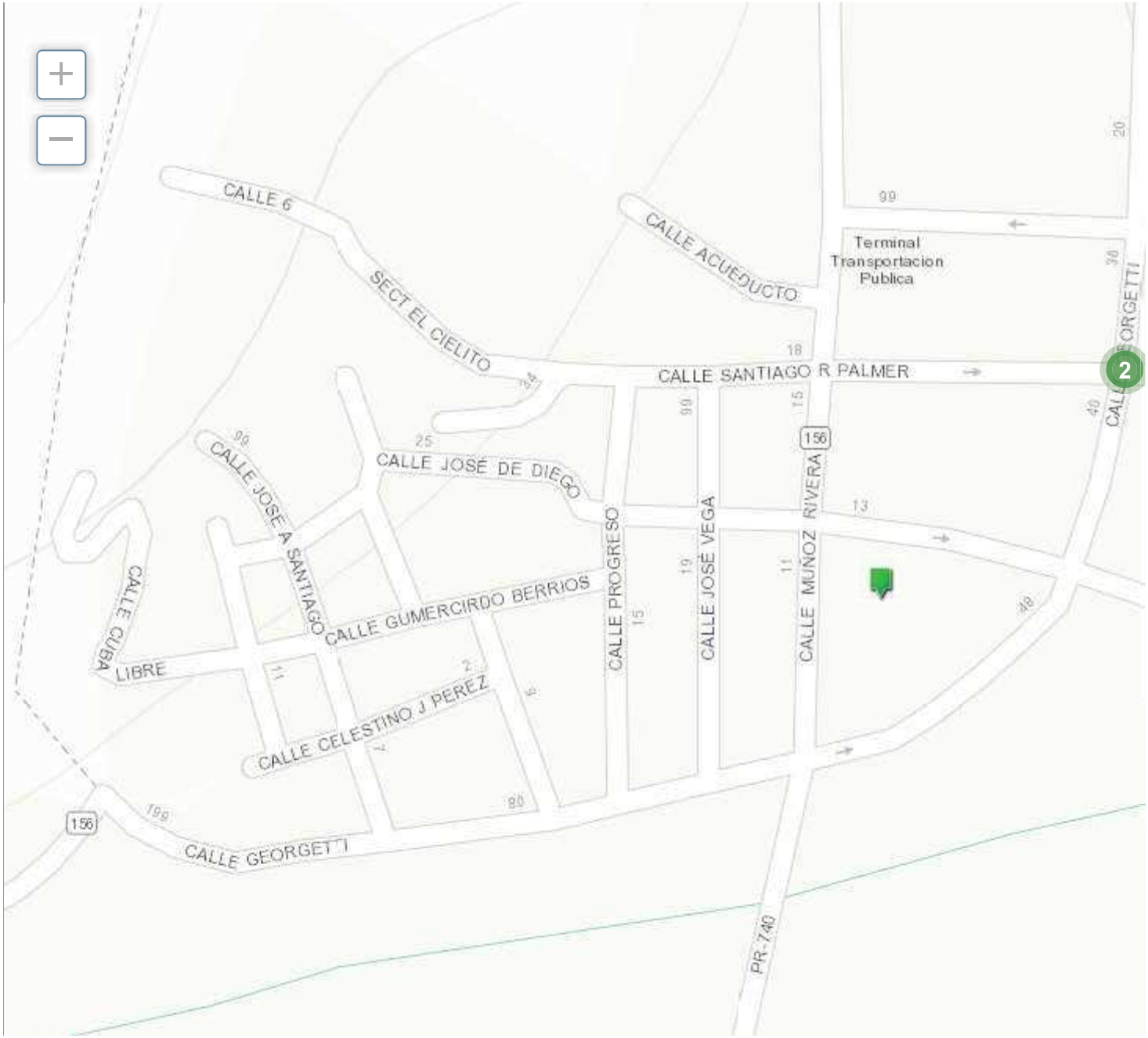
View:

All 20 per page

Single facility

Clustered facilities

Download



Login Contact Us

Facility Search Results

Report Violation Help

Missouri, Nebraska, North Carolina, Pennsylvania, Vermont, Washington, West Virginia, and Wisconsin are working with EPA to fix problems with their Clean Water Act violation data.

Read More...

Map Legend | Basemap Options | **EJScreen** Add EJ Summary Map US State | Zoom To:

00782



Facility Summary

COMERÍO
CALLE JOSÉ DE DIEGO NUMBER 1



CAA	
CWA	Unknown
RCRA	
SDWA	

Days Since Last Compliance Monitoring Activity: 3,062
Date of Last Formal Enforcement Action: -
Last Penalty Amount: $--

More Facility Detai



Customize Columns | Download Data | Quick CSV Download | Source Data | Results Guide | Reports Legend

Facility Name	Mapped	Street Address	City	State	FRS ID	Reports	Count of EJ Indexes Above 80th Percentile (US - Block Group)	Compliance Monitoring Activity (5 years)	Significant Violations
ACUED, DONA ELENA (LOS PINOS)		--	COMERIO	PR	110013053239		--	0	No
COMERÍO		CALLE JOSÉ DE DIEGO NUMBER 13	COMERIO	PR	110055634498		4	0	No
COMUNIDAD CEDRITO		--	COMERIO	PR	110012961857		--	0	No
COMUNIDAD MAISONET		CARR. 780 KM. 4.4, COMERIO	COMERIO	PR	110010710962		5	0	No
CONGAR INTERNATIONAL CORP		PR-778 KM 1.2 BO PASARELL	COMERIO	PR	110007810770		4	0	No
LA PRIETA CENTRO-LA PRIETA		HC-01 BOX 2409	COMERIO	PR	110063343001		--	0	Yes
PRASA - COMERIO-RIO HONDO WARD WTP		PR-156 KM 30.5 RIO HONDO WARD AT PALMA REAL ST.	COMERIO	PR	110064641204		4	2	No
PRASA COMERIO WWTP		PR-167 KM 0.6	COMERIO	PR	110006622681		3	3	No

▼ Current Search

10 Facilities Found

Selected Criteria

Media Program: All Media Progams
Active/Operating: Yes ✕
City, State, and/or ZIP Code: 00782 ✕

Explore Enforcement and Compliance Criteria

- ☐ **4** Facilities with Current Violations
- ☐ **1** Facilities with Significant Violations
- ☐ **6** Facilities with Violations (3 years)
- ☐ **1** Facilities with Formal Enforcement Actions (5 years)
- ☐ **0** Facilities with Informal Enforcement Actions (5 years)

View Search Form for More Criteria...

▼ Filter Facilities

Not Filtering on 10 Facilities

☐ Only Show Matches

Facility Characteristics

Facility Type

☐ **1** Major ☐ **9** Minor

Facility Permit/ID

- ☐ **3** Has Water Permit (ICIS-NPDES)
- ☐ **1** Has ICIS-Air ID
- ☐ **3** Has RCRA ID
- ☐ **1** Has TRI Releases

Enforcement and Compliance Characteristics

☐ **6** Facilities with Violations (1 or more quarters within the past 3 years)

1 2 3 4 5 6 7 8 9 10 11 12

Facilities with Formal Enforcement Actions (5 yrs)

☐ **1** Yes ☐ **9** No

1 2 3 4 5

Facilities with Informal Enforcement Actions (5 yrs)

☐ **0** Yes ☐ **10** No

1 2 3 4 5

Facilities with Compliance Monitoring Activities within Date Range

☐ **0** Yes ☐ **10** No

mm/dd/yyyy mm/dd/yyyy

Community Characteristics

☐ **10** Facilities Located in Areas with E Indexes Above 80th Percentile (US)

Any 1 or More 4 or More 7 or More 10 or More

▼ Layers

Each map layer requires a specific map scale for display. Layers are only available for selection if the map is zoome in to a sufficient scale. Zoom in further to enable selection of additional layers. Note

that adding multiple overlapping map layers may cause performance issues in the browser and display.

Do not show again

Current Zoom: 89%

▶ **EJSCREEN Maps**

▶ **Air Maps**

▶ **Water Maps**

▶ **Places**

▶ **Boundaries**

▶ **Endangered Species Act Critical Habitat**

LAST UPDATED ON SEPTEMBER 21, 2022

DATA REFRESH INFORMATION

Related Topics: Envirofacts

FRS

FRS Facility Query Results

Your selection returned 52 facilities which are listed below.
Results are sorted by State, City Name, and Facility Name



Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

Report an Error

Map Legend

- Denotes a facility/site location
- Denotes a facility/site location that has been selected by clicking on the 'Magnifying Glass' in the tabular list of facilities/sites displayed below the map.
- Denotes a "Cluster" of facility/site locations. Double clicking on the cluster will automatically zoom the map in at that location. It may take muliple "Double Clicks" to expand all clusters at a particular location. Or just use the "Turn Clustering Off" button to expand the clusters into individual facility/site locations.
- In the tabular list of facilities/sites displayed below the map, a single click on the magnifying class will center and zoom the map to that facility.



Go To The Facility/Site Table
Restore Original Map
Download KML File
Turn Clustering Off
Turn Clustering On
New Query

ZIP Code: 00782

Note: Click on the underlined FACILITY NAME to view a detailed facility information report for the Facility Site.
Go To Bottom Of The Page

List of National System Records

FACILITY NAME	Mapped	LOCATION ADDRESS	CITY NAME	COUNTY NAME	STATE	ZIP CODE	Reports
#505 - FRANCISCO JIMENEZ		CARR 10 KM 75	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates
AAA	Not Mapped	URB SABANA DEL PALMAR 156 BORDONESBO RIO HONDO SEC	COMERIO		PR	00782	Detailed Facility Report
ACUED. DONA ELENA (LOS PINOS)	Not Mapped		COMERIO	COMERIO	PR	00782	Detailed Facility Report
AEE	Not Mapped	CARR 156 KM 25.8 BO RIO HONDO	COMERIO		PR	00782	Detailed Facility Report
ANA MARCANO SWINE FARM	Not Mapped	PR-3 156 KM 28.9 RIO HONDO WARD	COMERIO	COMERIO	PR	00782	Detailed Facility Report , Enforcement and Compliance
ARCADIO RIVERA SERVICE STATION		PR-167 KM 35.4	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
BLENDS MAKER MANUFACTURING INC	Not Mapped	CARR 780 KM 4.3 BARRIO DONA ELENA	COMERIO		PR	00782	Detailed Facility Report
COMERIO BOTTLING LLC		7774 KM. 2.0, SECTOR LA MORA	COMERIO	COMERIO MUNICIPIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates
COMERIO BYPASS-PR 778	Not Mapped	PR-778 STATION 90+72 TO 109+25	COMERIO	COMERIO	PR	00782	Detailed Facility Report , Enforcement and Compliance

COMERIO STP		PR-778 KM 0.1	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
COMERIO TRANSIT BUS		PR-775	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
COMERÍO		CALLE JOSÉ DE DIEGO NUMBER 13	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
COMUNIDAD CEDRITO	Not Mapped		COMERIO	COMERIO	PR	00782	Detailed Facility Report
COMUNIDAD MAISONET		CARR. 780 KM. 4.4, COMERIO	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates
CONGAR INTERNATIONAL		PR-778, KM 1.2, INDUTRIAL PASARELL AVE.	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates
CONGAR INTERNATIONAL CORP		PR-778 KM 1.2 BO PASARELL	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
CONGAR INTERNATIONAL CORP	Not Mapped	CARR 778 KM 1.2 BO. PASARELL	COMERIO		PR	00782	Detailed Facility Report
DEL PALMAR REALTY		PR-780 RAMAL 7780 KM 1.0 DONA ELENA	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates
EDUVINO BERRIOS SCHOOL BUS REPAIR	Not Mapped	CALLE A FINAL	COMERIO	COMERIO	PR	00782	Detailed Facility Report , Enforcement and Compliance
ESCUELA JUANA COLON	Not Mapped	BARRIADA PASAREL	COMERIO	COMERIO	PR	00782	Detailed Facility Report , Enforcement and Compliance
ESSO STANDARD OIL CO - PR DO-081	Not Mapped	CALLE GEORGETTI 21	COMERIO	COMERIO	PR	00782-2542	Detailed Facility Report , Enforcement and Compliance

FCA. FCO. HERNANDEZ (NON-PRASA)	Not Mapped	HC 02 BOX 7173	COMERIO	COMERIO	PR	00782	Detailed Facility Report
FINCA FRANCISCO HERNANDEZ COMMUNITY		ST 780 KM 3.2	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates
G T E SYLVANIA		PR-778 KM 0.9 BO PASARELL	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
GALLERA MUFFLERS		PR-156	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
GARAGE MUNICIPAL DE COMERIO		PR-775, KM 1.8, BO PINAS	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates
JOSELO GARAGE	Not Mapped	RD 780 DONA ELENE ABAJO WARD	COMERIO	COMERIO	PR	00782	Detailed Facility Report , Enforcement and Compliance
LA PRIETA CENTRO-LA PRIETA	Not Mapped	HC-01 BOX 2409	COMERIO	COMERIO	PR	00782	Detailed Facility Report
LA PRIETA COMMUNITY		STATE ROAD 781, KM. 3.0	COMERIO		PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates
LOS PINOS LA IGLESIA		PR-780 RAMAL 7780 KM 7.0 BO DONA ELENA	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates
MATOS GARAGE		RD 779 KM 6.2	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
PALOMAS (PRASA)	Not Mapped	BO PALOMAS	COMERIO	COMERIO	PR	00782	Detailed Facility Report
PALOMAS II (NON-PRASA)	Not Mapped	HC 02 BOX 5053	COMERIO	COMERIO	PR	00782	Detailed Facility Report

PR PUBLIC HOUSING ADMIN MANUEL MARTOREL		PR-156 BO PASARELL	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
PRASA (PALOMAS)	Not Mapped	PR-779 KM 1.3	COMERIO	COMERIO	PR	00782	Detailed Facility Report
PRASA - COMERIO-RIO HONDO WARD WTP		PR-156 KM 30.5 RIO HONDO WARD AT PALMA REAL ST.	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
PRASA - SABANA DEL PALMAR PUMP STA		PR-156 SALIDA A	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
PRASA CEDRITO SYSTEM		PR-172 KM 2.7	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates
PRASA COMERIO WTP		PR-775 KM 1.1	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
PRASA COMERIO WWTP		PR-167 KM 0.6	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
PRASA COMERO WWTP	Not Mapped	STATE ROAD #187, KM 0.5	COMERIO	COMERIO	PR	00782	Detailed Facility Report
PRASA WTP CEDRITOS		ROAD 172, KM 2.7	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
RAFAEL BERRIOS REPAIR SHOP		RD 775	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance

ROBERTO FALCON GARAGE	Not Mapped	RD 779 KM .6	COMERIO	COMERIO	PR	00782	Detailed Facility Report , Enforcement and Compliance
TO GO STORE # 15	Not Mapped	CARR 775, KM 0.4	COMERIO	COMERIO	PR	00782	Detailed Facility Report
TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310305		CARR 3779 KM 8.8	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
WHITE CAP FOOTWEAR INC		PR-778 ESQ CALLE II	COMERIO	COMERIO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
BLENDS MAKER MANUFACTURING INC	Not Mapped	ROAD 780 KM. 4.6 SECTOR LOZANO	COMERO	COMERIO	PR	00782	Detailed Facility Report , Enforcement and Compliance
PALMAS DEL MAR DEVELOPMENT		CARR 3 KM 86.4	HUMACAO	HUMACAO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates , Enforcement and Compliance
COLISEUM	Not Mapped	PR 147	NARANJITO	NARANJITO	PR	00782	Detailed Facility Report
IS LOCATED AT THE RIGHT SIDE AND IN THE FRONT OF SCHOOL ZONE	Not Mapped	ESCUELA JOSE F. CINTRON	PALOMAS	YABUCOA	PR	00782	Detailed Facility Report
PRASA LA VIRGENCITA SYS		PR-1 KM 3.5	TOA BAJA	NAGUABO	PR	00782	Detailed Facility Report , MyEnvironment , Site Demographics , Facility Coordinates

Go To Top Of The Page

Total Number of Facilities Displayed: 52

Last updated on September 24, 2015

APPENDIX I: ENVIRONMENTAL PROFESSIONALS QUALIFICATIONS

Phase I Environmental Site Assessment Report
Propiedades Ventana al Río, Calle Georgetti Km 0.01-0.03 & Km 31.7-31.8, Comerío, Puerto Rico.

Environmental Assessment Association

EAA

hereby certifies that

Harry Pena

has been granted this certificate following successful completion of all course work and examination requirements of the

Certified Environmental Inspector

a self-development training session sponsored by the

Environmental Assessment Association

Signed and presented this 14th Day of March, 2005

Executive Director
Robert G. Johnson

Technical & Professional Training

ASTM INTERNATIONAL

ESCUELA ASUNTOS AMBIENTALES UMET

Harry Pena

Is Designated An Approved Instructor For The ASTM Phase I & Phase II Environmental Site Assessment Training Courses

And Is Awarded 2.8 CEUs

for successful completion of the course on

ASTM Phase I & Phase II Environmental Site Assessment Processes Train-the-Trainer

April 25-28, 2005
Bayamon, PR

James A. Thomas
President

Scott W. Murphy
Director, Education Services

U.S. ENVIRONMENTAL PROTECTION AGENCY

This certifies that

HARRY PENA

has completed the

HAZARDOUS MATERIALS INCIDENT RESPONSE OPERATIONS (165.5)
Training Course

Edison, New Jersey
August 5 - 9, 2002

Presented by the

OFFICE OF EMERGENCY AND REMEDIAL RESPONSE

3.7 Continuing Education Units
This course meets the 29 CFR 1910.120(e)(3)(i) requirements of a minimum of 40 hours of off-site safety training for hazardous waste site workers.

Susan M. Jacobowitz
Course Director
TetraTech NUS, Inc.

Bruce Potoka
U.S. EPA Training Coordinator

HARRY PEÑA RUIZ, MSC, CEI, ASCS, CMS, MRS, WRS

INDUSTRIAL HYGIENE & ENVIRONMENTAL BUILDING EXPERT | MOLD & WATER DAMAGE SPECIALIST

2019

Harry Peña Ruiz founded Zimmetry Environmental Management Corp. in January 2002 soon after he conclude working as a consultant for one of the Industrial Hygiene firms working at the World Trade Center Site after the collapse of the towers in 2001. Due to his experience in sampling for air contaminants in demolitions, such as asbestos, lead, particulates and silica, he was invited to participate in the World Trade Center environmental emergency response after the terrorist attacks of 2001. Additionally, he provided trainings and assisted in the evaluation of suspected anthrax threats. Mr. Peña formerly worked as Operations Manager for a local environmental firm from 1995 to 2001.

Since its inception, Zimmetry has provided its clients with the tools they need to achieve healthier indoor environments. With direct experience in environmental building inspections, indoor air quality consulting and environmental site assessments of residential, commercial, industrial and governmental properties, the Zimmetry's team is supported by the latest technology, analytical services, and comprehensive training.

Mr. Peña holds a Master of Science Degree in Environmental Planning from the Metropolitan University in San Juan, Puerto Rico. Currently, Mr. Peña also teaches at the Atlantic OSHA Training Center and is a faculty member of the School of Environmental Affairs of the UMET Environmental Management Master's Degree Program. Since 2005 Mr. Peña is an approved instructor for the ASTM Phase I & Phase II Environmental Site Assessment Training Courses. He is an EPA / PR Environmental Quality Board accredited Lead-based Paint Inspector & Risk Assessor; EPA / PR Environmental Quality Board accredited Asbestos Inspector; Certified Environmental Inspector (CEI) and Certified Mold Specialist (CMS) by the Environmental Assessment Association; in addition he has been certified as Air Systems Cleaning Specialist (ASCS) by the National Air Duct Cleaners Association; and as Mold Remediation Specialist (MRS) and Water Restoration Specialist (WRS) by the International Restoration Institute, among numerous others certifications.

Mr. Peña is a member of the International Society of Indoor Air Quality and Climate (ISIAQ); member of the Indoor Air Quality Association (IAQA); and member of the US Green Building Council's Puerto Rico Chapter.

Given his vast experience and professional background, Mr. Peña has served as a plaintiff and defense expert witness in legal cases related to industrial hygiene and mold.

In 2011, Mr. Peña was selected as one of the Ana G. Méndez University System's Distinguish Ex-alumni for his professional achievements and community services.

PARTIAL LISTING OF ACCREDITATIONS & PROFESSIONAL TRAININGS

Comprehensive Indoor Air Quality and Mold Contamination, Assessment, Remediation and Control
Atlantic OSHA Training Center / Environmental Education Institute in San Juan PR & Ambient Environmental Inc. in Miami Florida

Certified Environmental Inspector
Environmental Assessment Association

Air Systems Cleaning Specialist (ASCS)
National Air Duct Cleaners Association

Mold Remediation Specialist (MRS) #18389
International Restoration Institute

Water Restoration Specialist (WRS) #19764
International Restoration Institute

Disaster Estimation Specialist (DES) #21510
International Restoration Institute

Disaster Recovery Specialist (DRS) #62166
International Restoration Institute

Fire Restoration Specialist (FRS) #62166
International Restoration Institute

Restorative Drying 101
Restoration Sciences Academy

Fire Restoration 151
Restoration Sciences Academy

Odor Control 111
Restoration Sciences Academy

Puerto Rico Asbestos Inspector
USEPA / PR Environmental Quality Board

Puerto Rico Lead-based Paint Inspector
USEPA / PR Environmental Quality Board

Puerto Rico Lead-based Paint Risk Assessor
USEPA / PR Environmental Quality Board

Lead Based Paint Visual Assessment
US Department of Housing and Urban Development

PARTIAL LISTING OF ACCREDITATIONS & PROFESSIONAL TRAININGS

Hazardous Waste Operations Train-the-Trainer
New Jersey & New York Hazardous Materials Worker Training Center / Supported by National Institute of Environmental Health Sciences / Conducted by the Office of Public Health Practice at the Metropolitan University of Puerto Rico in Bayamon

ASTM Phase I & Phase II Environmental Site Assessment Processes Train-the-Trainer
ASTM International Technical & Professional Training / School of Environmental Affairs of the Metropolitan University of Puerto Rico in Bayamon

Hazardous Materials Incident Response Operations (165.5)
US Environmental Protection Agency Office of Emergency and Remedial Response

Indoor Air Quality: Practical and Applied
The Environmental Institute

Environmental Awareness & Inspection
Environmental Assessment Association

ASTM INTERNATIONAL
Helping our world work better

ASTM Training and E-Learning

Certificate of Completion

Awarded to

Dilia Rosado

1.4 CEUs for completing

ASTM TPT ON ENVIRONMENTAL SITE ASSESSMENTS FOR COMMERCIAL REAL ESTATE

September 30 - October 1, 2019

New York, New York

Katharine E. Morgan

Katharine E. Morgan
President

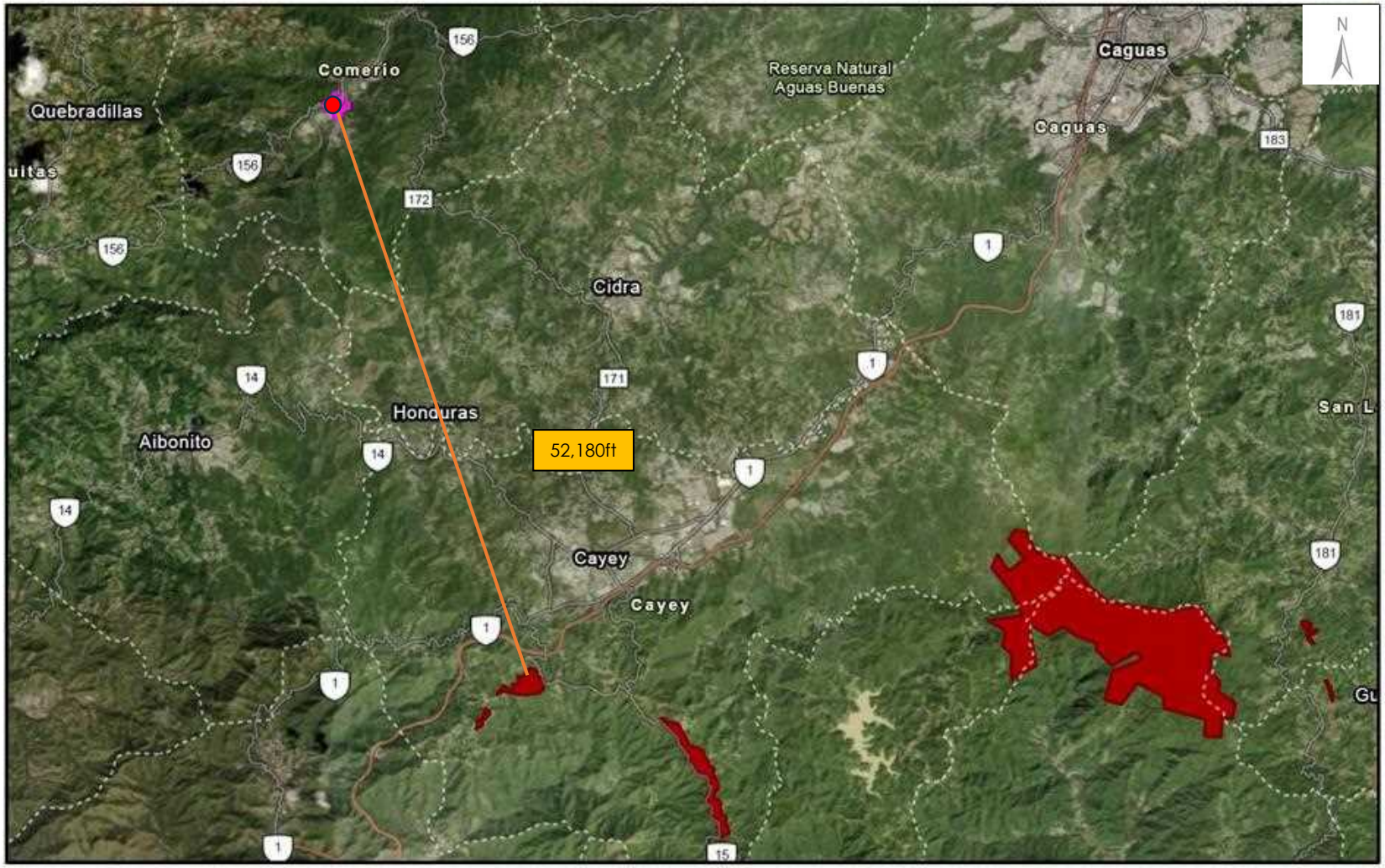
David von Glahn

David von Glahn
Director
ASTM Training and E-Learning

AMERICAN SOCIETY FOR TESTING AND MATERIALS · PENNSYLVANIA ·
ASTM INTERNATIONAL
INCORPORATED
1902

Attachment 7: Critical Habitat Map
PR-CRP-000570 - Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico



August 28, 2025

PR-CRP-000570

Final Critical Habitat Features

1:144,448

0 1 2 4 mi

0 1.75 3.5 7 km

Earthstar Geographics, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Source: EPA NEPAssist (Spatial Reference: GRS80), accessed at URL https://nepassisttool.epa.gov/nepassist/nepamap.aspx

Prepared by ICF

Memo to Record

Date: July 11, 2025

Applicant ID: PR-CRP-000570 Waterfront Park Comerío
Street Address: Eduardo Georgetti Street (PR-156)
Municipality: Comerío

RE: No Effect (NE) Determination for PR-CRP-000570

EXECUTIVE SUMMARY

Section 7 of the Endangered Species Act (ESA) mandates that federal agencies ensure the actions that they authorize, fund, or carry out shall not jeopardize the continued existence of federally listed plants and animals or result in the adverse modification or destruction of designated critical habitat. Where their actions may affect resources protected by the ESA, agencies must consult with the Fish and Wildlife Service and/or the National Marine Fisheries Service ("FWS" and "NMFS" or "the Services").

This memo serves to document that the proposed project, PR-CRP-000570 (named "Waterfront Park"), will be located at Eduardo Georgetti Street (PR-156) Km. 0 – Km. 0.03 & Km 31.7- KM 31.8, Comerío. The total project area covers approximately 37,006 square feet (0.85 acres) near La Plata River. The project involves the following areas: Cadasters for acquisitions: 222-094-037-55-001, 222-094-037-54-001, 222-094-037-53-001, 222-094-037-50-001, 222-094-037-49-802, 222-094-037-48, 222-094-037-47-001, 222-094-037-46-000; Cadasters of sites owned by the municipality that will be affected by the project: 222-094-037-51, 222-094-037-52, 222-094-037-77, 222-094-037-76, 222-094-037-44; Calle Independencia, Calle Progreso, Calle José Vega, Calle Muñoz Rivera, and PR-156 (Calle Georgetti) were reviewed by a qualified biologist by Section 7 of the Endangered Species Act of 1973 (16 USC 1536) and the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 et seq.), resulting in a 'No Effect' determination.

The goal of the City Revitalization Program is to help shape and implement the future vision of communities that were affected by Hurricanes Irma and María and will support the municipal governments and other eligible organizations to undertake a variety of recovery activities aimed at reinvigorating downtown areas, urban centers, and key community corridors.

Project Description

The project consists in the creation of a waterfront park which will require the demolition of seven (7) structures and a parking area, as well as their structural support, and the partial demolition of an additional structure. It will also require curb demolition along the street, selective removal of vegetation along the project area perimeter, and earthworks including excavation and fill. A new recreational area will include sidewalks, planters, observation decks, new lighting fixtures, tile and floor finishes, benches, trash receptacles, concrete ramps, aluminum handrails, bicycle racks, traffic signage, landscaping, and recondition of the façade of a historic building, which will be provided with structural supports to remain in place. The following activities will be performed for compliance with the Americans with Disabilities Act (ADA): new pedestrian crosswalks and accessibility ramps will be constructed in the streets leading to the Georgetti Street (PR-156) at the intersections of Agapito Dávila Street, Progreso Street, José Vega Street and Luis Muñoz Rivera Street, sidewalk reconstruction at both sides of the aforementioned streets and the Georgetti Street, and elevated pedestrian crosswalks-speed tables will connect the waterfront area with the north street sidewalks. See site map in **Appendix A,** for the project location.

Areas occupied by existing structures will be filled to stabilize the exposed slope and to serve as the base for the new recreational park. The fill volume is estimated at 60,000 cubic feet (ft^3), at a maximum depth of 24.5 feet from the street level. Of this, 53,000 ft^3 will be selected backfill and 7,000 ft^3 of the modular soil reinforcement system known as Terramesh. No retaining walls will be installed. The project will also include the repaving of streets within the project area. No change of drainage patterns from existing conditions is proposed since no increase in stormwater runoff is expected in this project, because the existing condition is already a 100% completely impermeable asphalt and structures that the new waterfront plaza project will replace. The proposed project areas will continue to use the existing municipal stormwater system.

Minimal tree removal will occur in the Eastern portion of the project, in front of the existing historic building elevation. The trees will be removed and discharged. The species of tree to be removed include:

1. Cupey (*Clusia rosea*)
2. Acacia (*Albizia procera*)
3. Jobillo (*Spondias mombin*)

These trees are not federally listed species; thus, no impact is anticipated to threatened or endangered species as part of their removal (see project drawings in **Appendix B**).

Existing structures cover an area of approximately 13,359 square feet (ft^2) of impervious surfaces. The total project area, including streets and sidewalks, covers a footprint of 37,006 ft^2 (0.85 acres) and will have a waterfront length of approximately 440 feet. Areas to be impacted to the south of the street, where the existing structures are currently located, will cover 24,347 ft^2, which includes an estimated 10,040 ft^2 of impervious surfaces and 14,307 ft^2 of pervious surfaces. Overall, impervious areas will be reduced from the existing 13,359 ft^2 to 10,040 ft^2, which is an estimated 24.8% reduction.

The project is located entirely within the floodway and adjacent to a riverine wetland. The boundary between the wetland and the project is a strip of existing grade soil that will not be perturbed. It has been determined by the design that the proposed activities

will take place above the measured and calculated Ordinary High-Water Mark, thus work will be performed above and outside the riverine wetland. Best management practices including erosion and sedimentation controls will be used to avoid potential impacts to the riverine wetland.

As indicated by the Official Species List obtained from the Information for Planning and Consultation (IPaC) system (**Appendix C**) and USFWS Critical Habitat data (**Appendix D**), the proposed project lies within the ranges of the following federally listed species and critical habitats:

Species	Status
Puerto Rican Boa (*Chilabothrus inornatus*)	Endangered
Puerto Rican Plain Pigeon (*Patagioenas inornata wetmorei)*	Endangered

Critical Habitat
None.

Existing Conditions:

The project area where activities will occur consists of approximately 0.85 acres of land north of the Rio La Plata riverbank. According to the U.S. Geological Survey National Land Cover Database (NLCD), most project areas comprise impervious manmade land, sidewalks, asphalt, and concrete infrastructure. According to historical imagery on Google Earth, the parcel has been covered with impervious surfaces for over 40 years. A topographic map is included (see **Appendix E**). The project is located in the Floodway/Zone AE on the FEMA Flood map and ABFE map, panel number 72000C1180H, dated 11/18/2009 (see FIRM in **Appendix F** and ABFE map in **Appendix G**). A Preliminary FIRM has not been developed for this area. The mapped riverine wetland is approximately 50 feet south of the proposed project. This section is covered with grasses and typical vegetation of riverine systems in the Caribbean environment. The project activities will not occur within natural wetlands, and no direct or indirect impacts are anticipated due to the project activities (see wetlands map **Appendix H**).

Effect Determination:

Based on a review of site (see photos included in **Appendix J**) and other information gathered during a site visit on date 06/23/2023, none of the species listed above were observed in the vicinity of the proposed project activities and no critical habitat was identified within the proposed project area. Having carefully analyzed the project site and the information available, including the IPaC species list and available Dkey(s), critical habitat data, nature of the project, previous site disturbance, and scope of project activities, the following effect determinations have been made:

Species	Effect Determination	Conservation Measures to be Implemented (if needed)
Puerto Rican Boa (*Chilabothrus inornatus*)	No Effect	Conservation measures are not required due to NE determination. However, if a Puerto Rican Boa is identified, contractor must follow FWS and DNER protocol for the agency to proceed with any relocation.
Puerto Rican Plain Pigeon (*Patagioenas inornata wetmorei*)	No Effect	If a Puerto Rican Plain Pigeon is observed, the contractor shall contact the DNER's Rangers for guidance.

SPECIES ANALYSIS

Puerto Rican Boa *(Chilabothrus inornatus)*

Considered to be a habitat generalist, the Puerto Rican Boa tolerates a wide variety of terrestrial and arboreal habitats, including rocky areas, haystack hill, trees and branches, rotting stumps, caves, plantations, various types of forested areas such as karst and mangrove forests, forested urban and rural areas, and along streams and road edges (see **Appendix I**). The IPaC Determination Key (Dkey) for the Puerto Rican Boa, dated 5/14/2025, was used to evaluate the potential impacts to federally listed species from this project. Based on the Dkey responses, it was determined that the proposed project will have 'No Effect' on the Puerto Rican Boa (**Appendix C**).

If a Puerto Rican Boa is found in the project activity site, work shall cease until the Boa moves off on its own. If the Boa does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources and ask for them to relocate the Boa.

Puerto Rican Plain Pigeon (Patagioenas inornata wetmorei)

The Puerto Rican Plain Pigeon is mainly found in east-central Puerto Rico, especially near Cidra. Although they were once believed to be limited to this area, sightings have been noted in other municipalities, including Utuado. They can inhabit various environments, such as wooded ravines, second-growth areas, bamboo thickets, and patches of farmland and pasture within moist mountain forests. They may also nest in trees along natural or man-made borders, like riverbanks and trees lining roads (see **Appendix I** for information sheet).

Although the habitat description above states that the pigeon can be found along borders such as riverbanks, the species is not commonly seen at the edges of populated urban areas, like where the proposed project will occur. A site visit to the project area found no evidence of the species. The current tree cover in the area is sparse and does not support the development of or provide suitable habitat for the species. The proposed plan includes landscaping with more appropriate tree species to improve the existing tree cover in the urban environment.

The Service has not issued a D-key for the Puerto Rican Plain Pigeon. However, based on the project location, information obtained from USFWS, supporting details, site inspection, and professional judgment, it has been determined that the proposed project will have 'No Effect' on both the Puerto Rican Boa and the Puerto Rican Plain Pigeon.



Javier Velez Arocho, Senior Biologist
Diatom Environmental Services, LLC

July 11, 2025
Date

Appendix A: Project Location Map



PROYECTO:ASBUILT Y TOPOGRAFIA

PROPIETARIO:GOBIERNO MUNICIPAL DE COMERIO

LOCALIZACION: P.R. 156 Y CALLE GEORGETTI COMERIO, PR



MAPA TOPOGRAFICO

N

LEYENDA:

- LIMITE DE PROPIEDAD
- PUNTO DE COLINDANCIA
- LINEA DE CENTRO
- LUMINARIA POSTE DE MADERA EXISTENTE
- LUMINARIA POSTE DE CONCRETO EXISTENTE
- POSTE (LUMA) DE CONCRETO EXISTENTE
- LUMINARIA EXISTENTE
- MAN HOLE EXISTENTE
- POCETO EXISTENTE
- LIMITE DE CAUCE DE RIO
- CONTORNOS DE ELEVACION EXISTENTE (197.00 / 196.00)

ESCALA: 1:250

CENTROIDE DEL PROYECTO
COORDENADAS LAMBERT:
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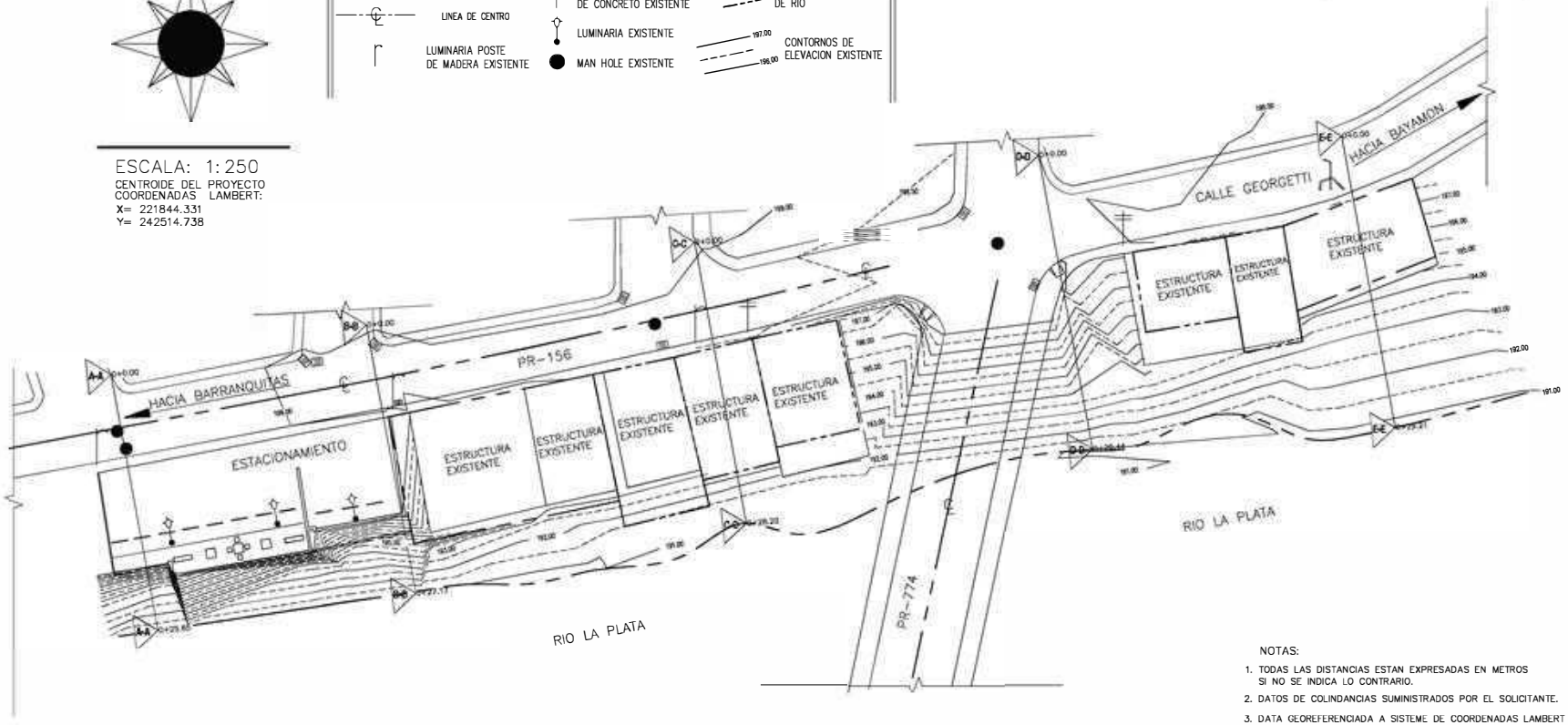
Y= 242514.738

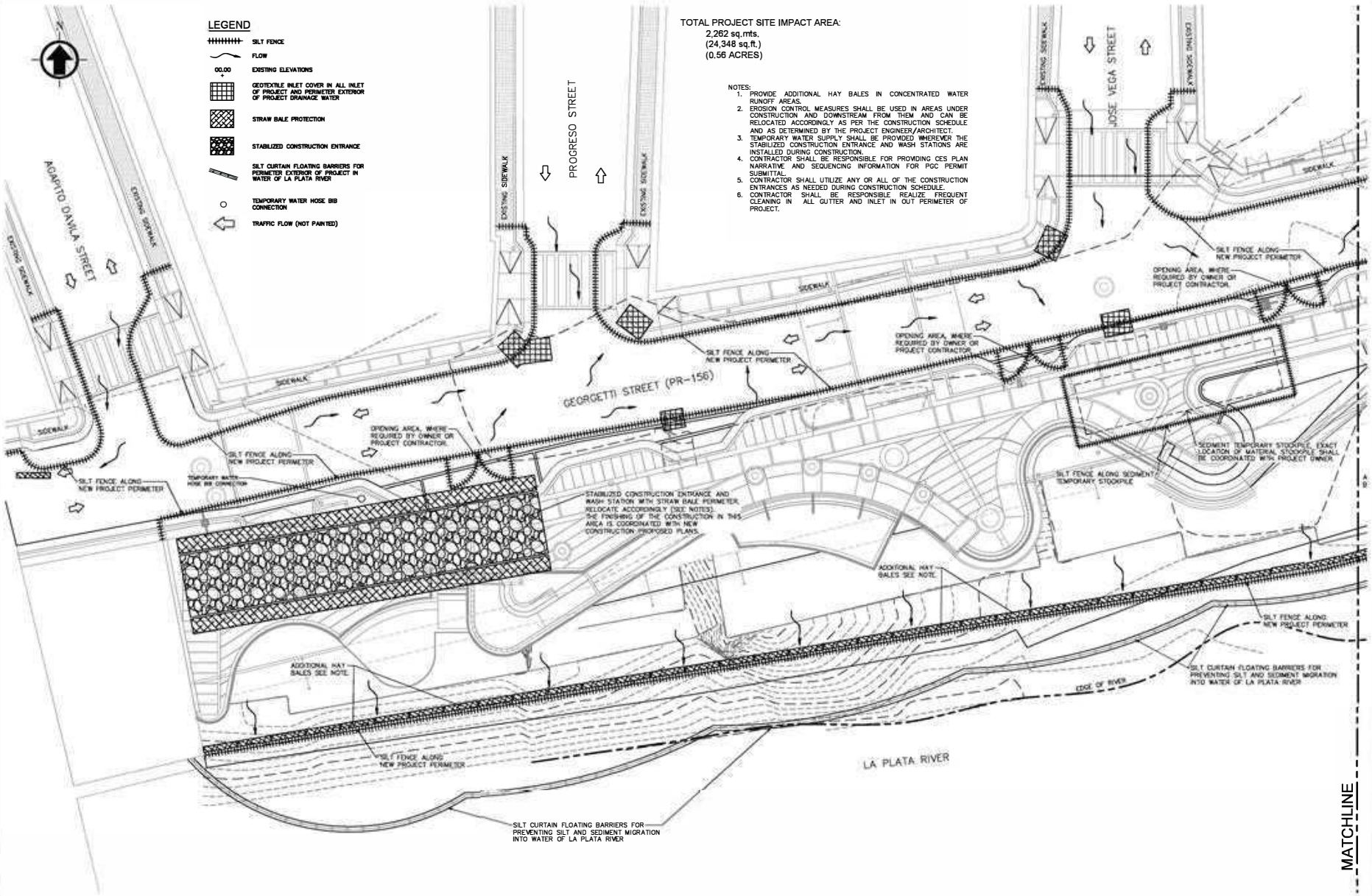


NOTAS:

1. TODAS LAS DISTANCIAS ESTAN EXPRESADAS EN METROS SI NO SE INDICA LO CONTRARIO.
2. DATOS DE COLINDANCIAS SUMINISTRADOS POR EL SOLICITANTE.
3. DATA GEOREFERENCIADA A SISTEME DE COORDENADAS LAMBERT NAD83 Y M.S.L. (NIVEL PROMEDIO DEL MAR).
   REF FRAME: NAD 83 (2011) (EPOCH: 2010.0000) ITRF2014.

CERTIFICACION

"Yo, [illegible], colegiado(a) [illegible], certifico que esta es profesional que certificará [illegible] cumplido con los requisitos establecidos en [illegible] y [illegible] Ley Núm. 173 de 12 de agosto de 1988, según enmendada, Ley Núm. 85 de 29 de junio de 1974, según enmendada, según aplican. Reconozco que el certificar indebidamente [illegible] Ley Núm. 173 de 12 de agosto de 1988



EROSION AND SEDIMENT CONTROL PLAN - WEST

SCALE: 1:100

Layout ID: CES-1.1

Revision: 01

Modified by: -

Checked by: Ing. F. Rodriguez

Approved by:

Drawing Name: EROSION AND SEDIMENT CONTROL PLAN - WEST

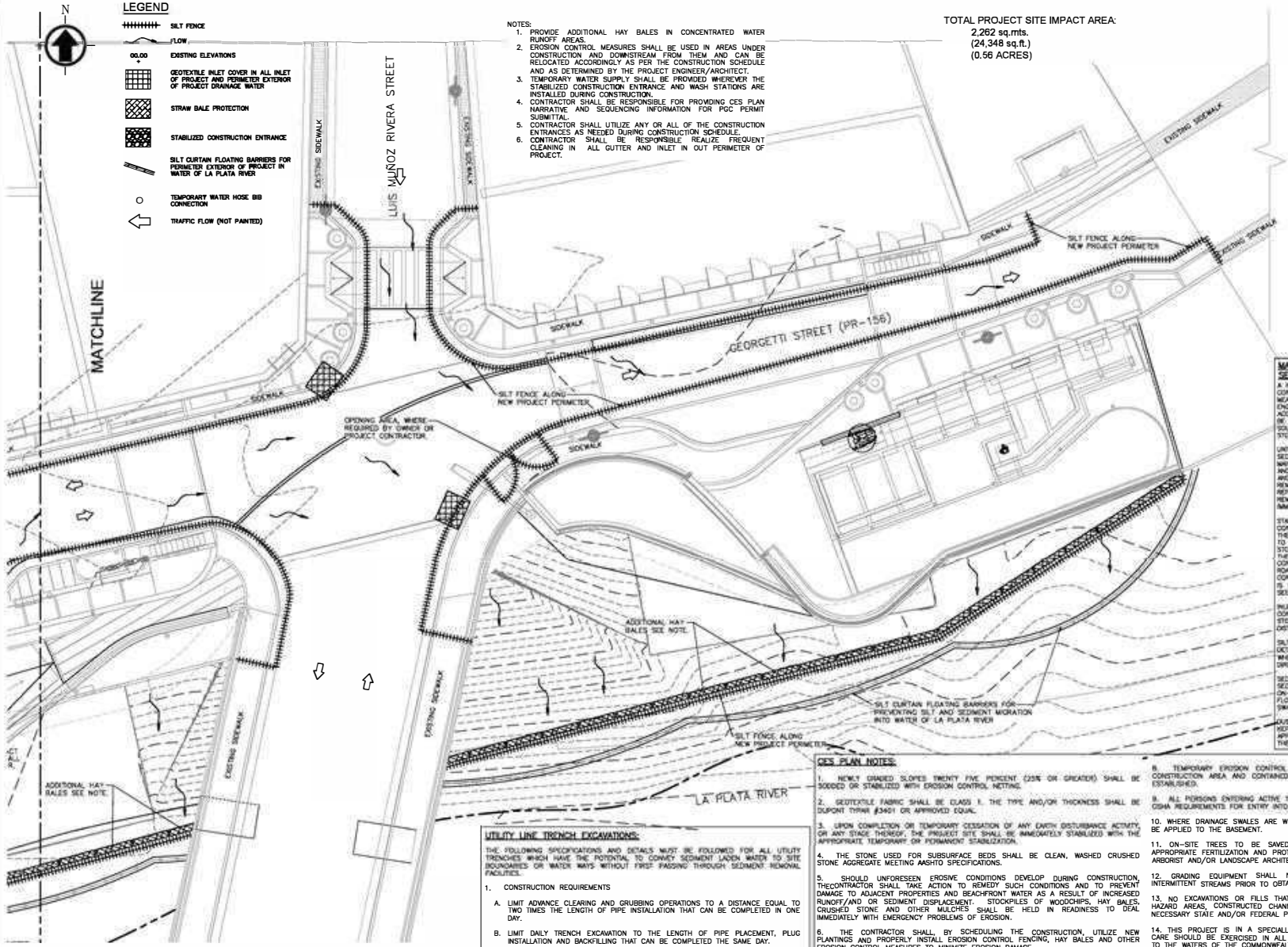
Drawing Scale: 1:100

Drawing Status: ISSUE FOR PERMIT

Project: Comerio Water Front Park

E RBA

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
PUERTO RICO



EROSION AND SEDIMENT CONTROL PLAN - EAST

SCALE 1:100

SCALE: 1:100

UTILITY LINE TRENCH EXCAVATIONS:

THE FOLLOWING SPECIFICATIONS AND DETAILS MUST BE FOLLOWED FOR ALL UTILITY TRENCHES WHICH HAVE THE POTENTIAL TO CONNECT SEDIMENT LADEN WATER TO SITE BOUNDARIES OR WATER WAYS WITHOUT FIRST PASSING THROUGH SEDIMENT REMOVAL FACILITIES.

1. CONSTRUCTION REQUIREMENTS

A. LIMIT ADVANCE CLEARING AND GRUBBING OPERATIONS TO A DISTANCE EQUAL TO TWO TIMES THE LENGTH OF PIPE INSTALLATION THAT CAN BE COMPLETED IN ONE DAY.

B. LIMIT DAILY TRENCH EXCAVATION TO THE LENGTH OF PIPE PLACEMENT, PLUG INSTALLATION AND BACKFILLING THAT CAN BE COMPLETED THE SAME DAY.

C. WATER WHICH ACCUMULATES IN THE OPEN TRENCH WILL BE COMPLETELY REMOVED BY PUMPING, BEFORE PIPE PLACEMENT AND/OR BACKFILLING BEGINS.

D. ON THE DAY FOLLOWING PIPE PLACEMENT AND TRENCH BACKFILLING, THE DISTURBED AREA WILL BE GRADED TO FINAL CONTOURS AND APPROPRIATE TEMPORARY EROSION AND SEDIMENT POLLUTION CONTROL MEASURES/FACILITIES WILL BE INSTALLED, SEEDING, LANDSCAPING, AND MULCHING OF ALL DISTURBED AREAS WILL BE DONE IMMEDIATELY FOLLOWING COMPLETION OF DISTURBANCE.

CES PLAN NOTES:

1. NEWLY GRADED SLOPES TWENTY FIVE PERCENT (25% OR GREATER) SHALL BE SODDED OR STABILIZED WITH EROSION CONTROL NETTING.

2. GEOTEXTILE FABRIC SHALL BE CLASS II. THE TYPE AND/OR THICKNESS SHALL BE DUPONT TYPAR #3401 OR APPROVED EQUAL.

3. UPON COMPLETION OR TEMPORARY CESSATION OF ANY EARTH DISTURBANCE ACTIVITY, OR ANY STAGE THEREOF, THE PROJECT SITE SHALL BE IMMEDIATELY STABILIZED WITH THE APPROPRIATE TEMPORARY OR PERMANENT STABILIZATION.

4. THE STONE USED FOR SUBSURFACE BEDS SHALL BE CLEAN, WASHED CRUSHED STONE AGGREGATE MEETING AASHTO SPECIFICATIONS.

5. SHOULD UNFORESEEN EROSIVE CONDITIONS DEVELOP DURING CONSTRUCTION, THECONTRACTOR SHALL TAKE ACTION TO REMEDY SUCH CONDITIONS AND TO PREVENT DAMAGE TO ADJACENT PROPERTIES AND BEACHFRONT WATER AS A RESULT OF INCREASED RUNOFF/AND OR SEDIMENT DISPLACEMENT. STOCKPILES OF WOODCHIPS, HAY BALES, CRUSHED STONE AND OTHER MULCHES SHALL BE HELD IN READINESS TO DEAL IMMEDIATELY WITH EMERGENCY PROBLEMS OF EROSION.

6. THE CONTRACTOR SHALL, BY SCHEDULING THE CONSTRUCTION, UTILIZE NEW PLANTINGS AND PROPERLY INSTALL EROSION CONTROL FENCING, HAY BALES AND OTHER EROSION CONTROL MEASURES TO MINIMIZE EROSION DAMAGE.

7. ANY DISTURBED AREA ON WHICH ACTIVITY HAS CEASED MUST BE SEEDED AND MULCHED IMMEDIATELY AS PER LANSCAPING PLAN. DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT THE RECOMMENDED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REDISTURBED WITHIN ONE YEAR MAY BE SEEDED AND MULCHED WITH A QUICK GROWING TEMPORARY SEEDING MIXTURE AND MULCH. DISTURBED AREAS WHICH ARE EITHER AT FINISHED GRADE OR WILL NOT BE REDISTURBED WITHIN ONE YEAR MUST BE SEEDED AND MULCHED IMMEDIATELY.

8. TEMPORARY EROSION CONTROL MEASURES MAY BE REMOVED ONLY AFTER THE CONSTRUCTION AREA AND CONTAINED SILT IS STABILIZED AND THE LANDSCAPED AREA ESTABLISHED.

9. ALL PERSONS ENTERING ACTIVE TANKS, MANHOLES, INLETS, ETC. MUST COMPLY WITH OSHA REQUIREMENTS FOR ENTRY INTO CONFINED SPACES.

10. WHERE DRAINAGE SWALES ARE WITHIN 20' OF A BASEMENT, WATERPROOFING SHALL BE APPLIED TO THE BASEMENT.

11. ON-SITE TREES TO BE SAVED SHALL BE PREPARED FOR CONSTRUCTION BY APPROPRIATE FERTILIZATION AND PROTECTED BY APPROPRIATE FENCING. THE TOWNSHIP ARBORIST AND/OR LANDSCAPE ARCHITECT SHALL APPROVE THE PROCEDURE.

12. GRADING EQUIPMENT SHALL NOT BE ALLOWED TO CROSS PERMANENT OR INTERMITTENT STREAMS PRIOR TO OBTAINING THE APPROPRIATE PERMITS.

13. NO EXCAVATIONS OR FILLS THAT ENCROACH ON NATURAL WATERCOURSES, FLOOD HAZARD AREAS, CONSTRUCTED CHANNELS, OR WETLANDS SHALL OCCUR WITHOUT THE NECESSARY STATE AND/OR FEDERAL PERMITS.

14. THIS PROJECT IS IN A SPECIALLY PROTECTED HIGH QUALITY WATERSHED, EXTREME CARE SHOULD BE EXERCISED IN ALL DISTURBANCE ACTIVITIES TO PREVENT DEGRADATION TO THE WATERS OF THE COMMONWEALTH.

MAINTENANCE OF TEMPORARY SEDIMENTATION CONTROL STRUCTURES:

A ROUTINE "END OF DAY CHECK" SHALL BE MADE DURING CONSTRUCTION TO MAKE SURE THAT ALL CONTROL MEASURES ARE WORKING PROPERLY. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL PREVENT ACCELERATED EROSION AND SEDIMENTATION. THERE SHALL BE NO ADVERSE DISCHARGE OF THE SEDIMENT OR OTHER SOLID MATERIALS FROM THE SITE AS A RESULT OF STORMWATER RUNOFF.

UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENTATION MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENTATION CONTROL AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND REMETTING MUST BE PERFORMED IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE: THE STABILIZED CONSTRUCTION ENTRANCES ARE TO BE CONSTRUCTED PER THE DETAIL. THICKNESS WILL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE OF ROCK MATERIAL WILL BE MAINTAINED ON THE SITE FOR THAT PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PUBLIC ROADWAYS WILL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. THE FINISHING OF THE CONSTRUCTION IS COMPLETED RETURN TO THE 6" PAVEMENT CONCRETE SEE DETAIL NO.3 ON SHEET C-110.0.

INLET PROTECTION: INLET PROTECTION SHALL BE CONSTRUCTED PER THE DETAIL AND CLEANED AFTER EACH STORM EVENT OR AS DIRECTED BY THE CONSERVATION DISTRICT OR RESIDENT ENGINEER.

SILT FENCE: SILT FENCE SHALL BE INSTALLED PER THE DETAIL. SEDIMENT SHALL BE REMOVED FROM SILT FENCES WHEN IT REACHES 1/2 THE FENCE HEIGHT OR AS DIRECTED BY THE RESIDENT ENGINEER.

SEDIMENT DISPOSAL: SILT REMOVED FROM TEMPORARY SEDIMENT CONTROL STRUCTURES SHALL BE DISPOSED OF ON-SITE IN LANDSCAPED AREAS LOCATED OUTSIDE OF FLOOD PLAINS, WETLANDS, STEEP SLOPES AND DRAINAGE SWALES.

DUST CONTROL: DUST AND OTHER PARTICLES SHALL BE KEPT WITHIN TOLERABLE LIMITS BY USING WATER. APPLICATION SHALL BE AS NEEDED OR AS DIRECTED BY THE RESIDENT ENGINEER OR THE CONSERVATION DISTRICT.

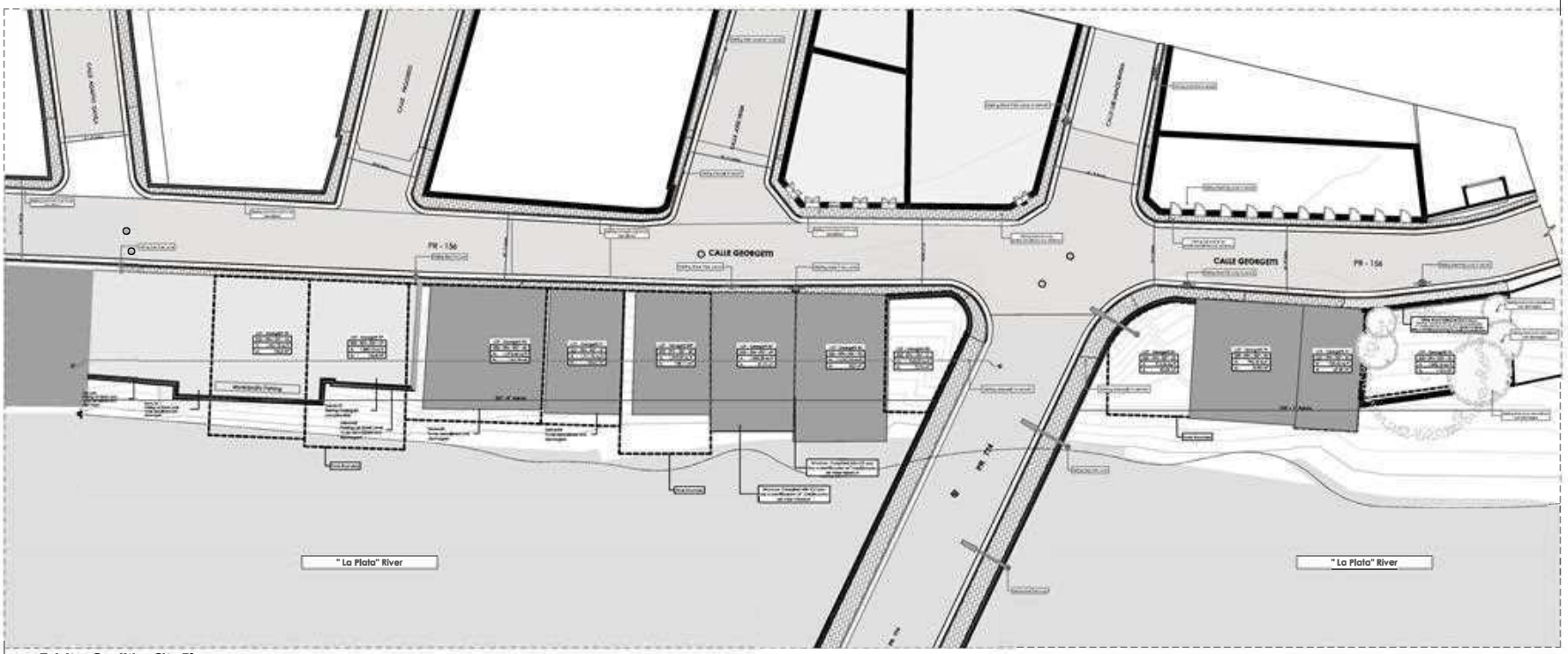
FRANCISCO RODRIGUEZ-CMA CORTIJO
INGENIERO LICENCIADO
LUIS A. RIVERA
PUERTO RICO

E RBA

Comerio Water Front Park

EROSION AND SEDIMENT CONTROL PLAN - EAST

CES-1.2



1 **Exisitng Condition Site Plan**
1/16" = 1'-0"

Important Note:

1. The properties in question were identified by the **ICP** (*Instituto de Cultura Puertoriqueno*) as having the potential to retain its historical value. However, due to numerous changes to the buildings historical architectural identity and the danger these structures represnt to the safety of the community, it was decided that the best course of action was to demolish the structures. Refer to Case Number: ***2023-509021-SRA-074475*** for details.

2. Refer to Civil [C-0.1 to C-1.2]drawings of existing and Survey plans [SU-01 TO SU-03] for details and specifications.

G.M.L

Project:
Comerio Water Front Park
107 Calle Georgetti
RB Re Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio | PR

Project Info:
Cadastre: 052-000-005-57
ID #: PRI-CRP-000070
Project #: 23-02
10/1/2024 | 2:37 PM

Drawing Name:
Site Plan
Architectural Existing Condition Floor Plan
Existing Condition Site Plan

Drawing Scale:

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Layout ID:
A.100
Revision:
Modified by:
Checked by:
Approved by:

Div-02 Demolition - Schedule Legend

Home Story Name	Element ID	2D Plan Preview	Name	Type	Notes
0 - GEORGETTI SCALE					
	Curb-01		Existing Light Pole Lot Georgetti #1	To be removed, repair and relocated	Refer to drawings notes for details and specifications
Level 00					
	Demo-01		Bridge (lower wall	To be removed, discharged and replaced	Refer to structural plans
	Demo-02		Existing Lot - 7 - Building #46	To be demolished and discharged	entire commercial building to be demolished (1 story) including electrical, mechanical or furniture (excludes inside the property (doors, windows, columns and beams, others)
	Demo-03		Existing Lot. 2 - Building #44	To be demolished and discharged	entire commercial building to be demolished (2 stories) including electrical, mechanical or movable appliances on the property
	Demo-04		Existing Lot. 3 - Building #45	To be demolished and discharged	entire commercial building to be demolished (2 stories) including electrical, mechanical or movable appliances on the property. (doors, windows, columns and beams, others)
	Demo-05		Existing Lot.1 - Building #47	To be demolished and discharged	entire commercial building to be demolished (1 stories) including electrical, mechanical or movable appliances on the property. (doors, windows, columns and beams, others)

Div-02 Demolition - Schedule Legend

Home Story Name	Element ID	2D Plan Preview	Name	Type	Notes
	Demo-06		Existing Lot 6 - Building #48	To be demolished and discharged	entire commercial building to be demolished (2 stories) including electrical, mechanical or movable appliances on the property. (doors, windows, columns and beams, others)
	Demo-07		Existing Lot. 5 - Building #46	To be demolished and discharged	entire commercial building to be demolished (2 stories) including electrical, mechanical or movable appliances on the property. (doors, windows, columns and beams, others)
	Demo-08		Existing Architecturally Ornamental Concrete Border Wall	To be demolished and discharged	Not includes the footing and the structural system under the ornamental
	Demo-09		Limit Wall - Building Lot 7	To be demolished and discharged	Refer to important notes in the demolition plan page for details and specifications
	Demo-10		Existing Parking lot - concrete slab	To be demolished and discharged	The demolition includes all footing and structural systems on the underside of the slab as connected to it.
	Demo-11		Historical building data	To be removed, discharged and replaced.	To be consulted with engineers and historical studies of the structure
	Demo-12		Existing Concrete Curb of 1 ft & 6 inches	To be removed, discharged and replaced	The demolition plan includes demolishing the concrete curbs that are currently in Georgetti Street and the surrounding streets that run north to south with curbs that are six inches wide in contrast to the existing curbs
	Demo-13		Sidewalk Lot. 7	To be fully removed with wash	Must Work with the property's Engineer

Div-02 Demolition - Schedule Legend

Home Story Name	Element ID	2D Plan Preview	Name	Type	Notes
	Demo-14		Sidewalk from Lot. 7 to 9	To be removed and discharged	
	Demo-15		Sidewalk from Lot. 9 to 7	To be removed, discharged and replaced.	
	Demo-16		Joint Wall Street - Street Pavement	To be removed, discharged and replaced	Coordination of the new pathway is concrete Cross walks. Refer to Structural, Civil and Architectural drawings for details and specifications.
	Demo-17		Street Pavement	To be removed and discharged	This area will not be paved due to the construction of a speed table. Refer to the architectural, civil and structural plans for details and specifications
	Demo-18		Street Pavement	To be removed and reinst	The new asphalt layers must be even and meet the required height specified by the proposed concrete curbs
	Demo-19		Progress Street - Street Pavement	To be removed, discharged and replaced	Coordination of the new pathway is concrete Cross walks. Refer to Structural, Civil and Architectural drawings for details and specifications.
	Demo-20		Joint Wall - Building Lot 7	To be demolished and discharged	The wall dividing Lot Georgetti 75 from Lot Georgetti 71 to the west side.



Demolition Site Plan

1/16" = 1'-0"

General Notes:

1. G.C should refer to Civil an Architectural drawings for street demolition.

2. The information included regarding exsitng conditions and required demolition is offered a general guide to the exsiting conditions and demolition required.The information does not represent exhaustive research of the existing conditions or the demolitions work required. The contractor shall us these document and information as a working tool in preparing his own documents and information of the exsiting conditions and the demolition requiers for.

3. The information, drawings, and notes included, or the involuntary omission of others, does not relieve the G.C. of the responsability of visiting the site and being completely aware of all the conditions involved in the project; of preparing his own existing conditions and cunducting demolition research, and including the neccesary costs on his bid to cover all the required demolition to complete the construction works, as required on the contract documents.

4. The contractor must properly protect all existing utilities, buildings, and finishes to remain.

5. All demolition must be coordinated with other disciplines before proceeding with the work

6. For all demolition and new construction affecting PRASA, PREPA, DTOP, or other utilities, the G.C. shall coordinate with the corresponding agency prior to any work.

Note: *Historical Building*

1. *Lot seventy-five (75) lower limit wall* . The current state of health and safety of this Historical Building demands this wall to be demolished. However, if the G.C encounters any problems in the demolition process in this area that represent a danger to the adjacent structures as well as to the remnants of the historic façade that will be restored, the G.C. should stop the demolition activities and consult the concerns with structural engineer and the project's architect. Assuring the welfare of the public, surrounding communities, and workers.

2. The historic façade that predominates in the project's northern zone must preserve its structural integrity during all demolition and material removal operations within "LOT. Georgetti 75" must be managed within the proper constraints.

Note: Concrete Curb + Gutter

1. *The dimension of the existing Curb + Gutter are 6 inch X 1ft 6 inch the new curbs are 6 inch of height and 2 ft of width. They must be appropriately connected to those that will remain on the adjoining streets and comply with the requirements established by the ACT (Autoridad de Carretera) and the corresponding agencies.*

Note: Existing Light Fixtures

1. EEP: "Existing Electrical Pole"-01 to 06 are an electrical poles situated in the south side of the construction zone's going from east to west (Phase 1; reference page A.100.04 for further details and parameters) of Georgetti Street / PR-156 . Due to the power line's location, precautions must be taken before, during and after expanding; in order to prevent damaging adjacent construction projects, the isthmus's physical composition, or the services it offers. As a result, the **General Contractor (G.C)** must take care of it, move it temporarily to a secure location if needed, and then reinstall the pole in the same location after the work is completed in accordance with the updated sidewalk, street terminations and regulations of associated government agencies.

2. ELP: Existing Light Pole [ELP-01] Due of the location of this light pole and the construction works of slope, *stabilization systems and landscape design the ELP unit* will need to be temporarily be removed and stored with the appropriate precautions. Once the construction works are finished the G.C. will have to prepared the area for the installation of the ELP unit but two (2) feet east of its original location.

G.M.L

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Project
Comerio Water Front Park

Client
Municipality of Comerio Waterfront Park
Attn: Ed Rivera
11 Calle Jose de Diego
Comerio, PR

Project info
Cadastre 150-000-006-07
Property Registry
Finca # 2,640
Sheet Size: 24" x 36"

Drawing Title
Site Plan
Architectural Demolition Plan
Comerio Rio Rio Grande Creek Rio Rio

Drawing Status
Design Development Refs. Updated from Architect

Drawing Scale
1/16" = 1'-0" 1" = 1'-0"

Level ID
A.100.01

Revision
01

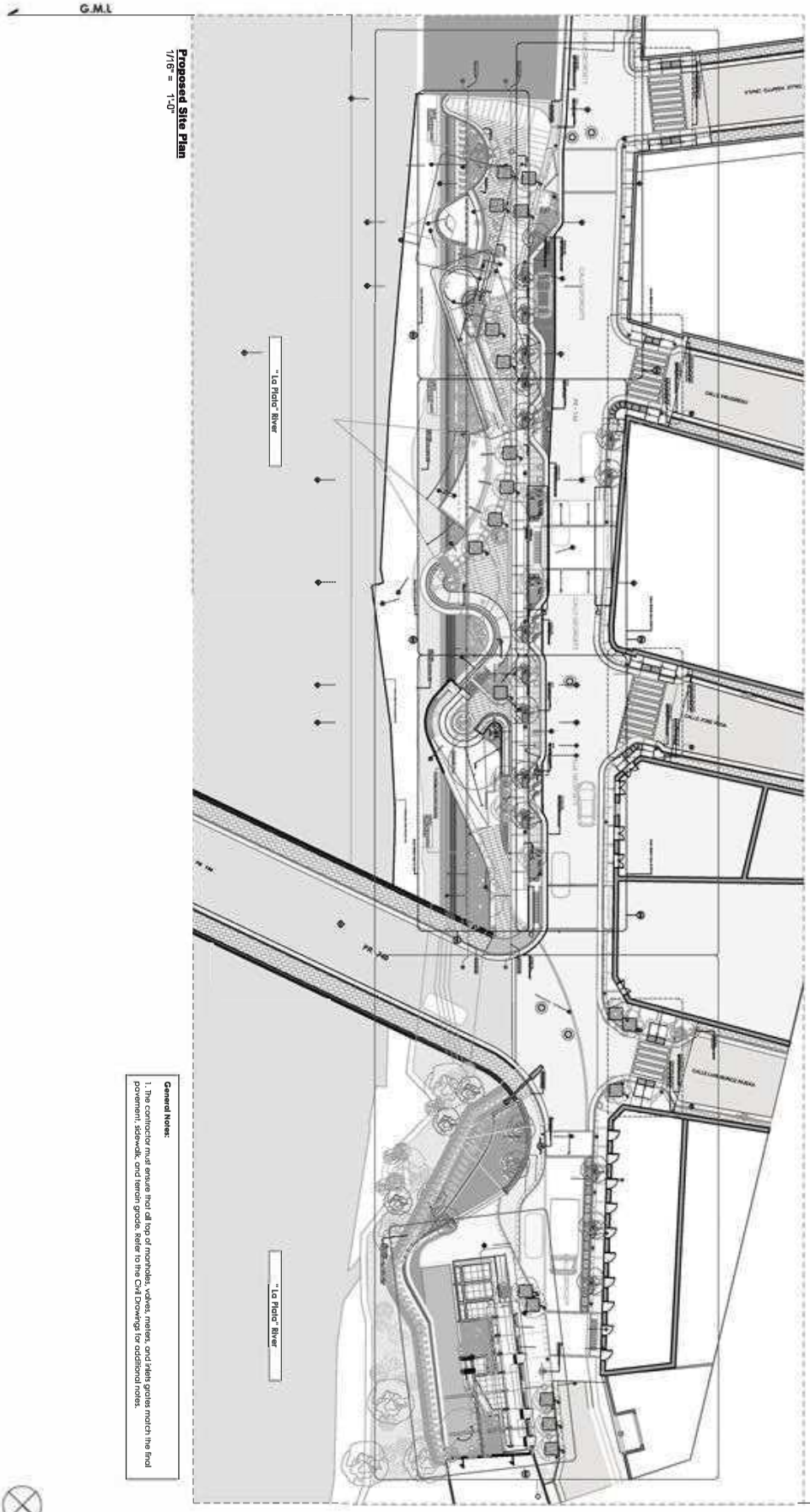
Modified by:

Checked by:

Approved by:

ERBA

EUGENIO RAMIREZ BALLASTER
ARQUITECTO
LICENCIADO
PUERTO RICO



Proposed Site Plan

1/16" = 1'-0"

General Notes:

1. The contractor must ensure that all top of manholes, valves, meters, and inlets grates match the final pavement, sidewalk, and terrain grade. Refer to the Civil Drawings for additional notes.

Layout ID:
A.100.02

Revision:
01
Modified by:

Checked by:

Approved by:

Drawing Name:
Site Plan
Proposed Site Plan
Proposed Site Plan

Drawing Scale:
1/16" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Project:
Comerio Water Front Park
107 Calle Georgetti
#5 to Address2
Comerio - PR

ProjectInfo:
Catastro: 052-000-005-57
ID #: PR-CHP-006570
Project #: 23-02
10/1/2024 | 2:58 PM

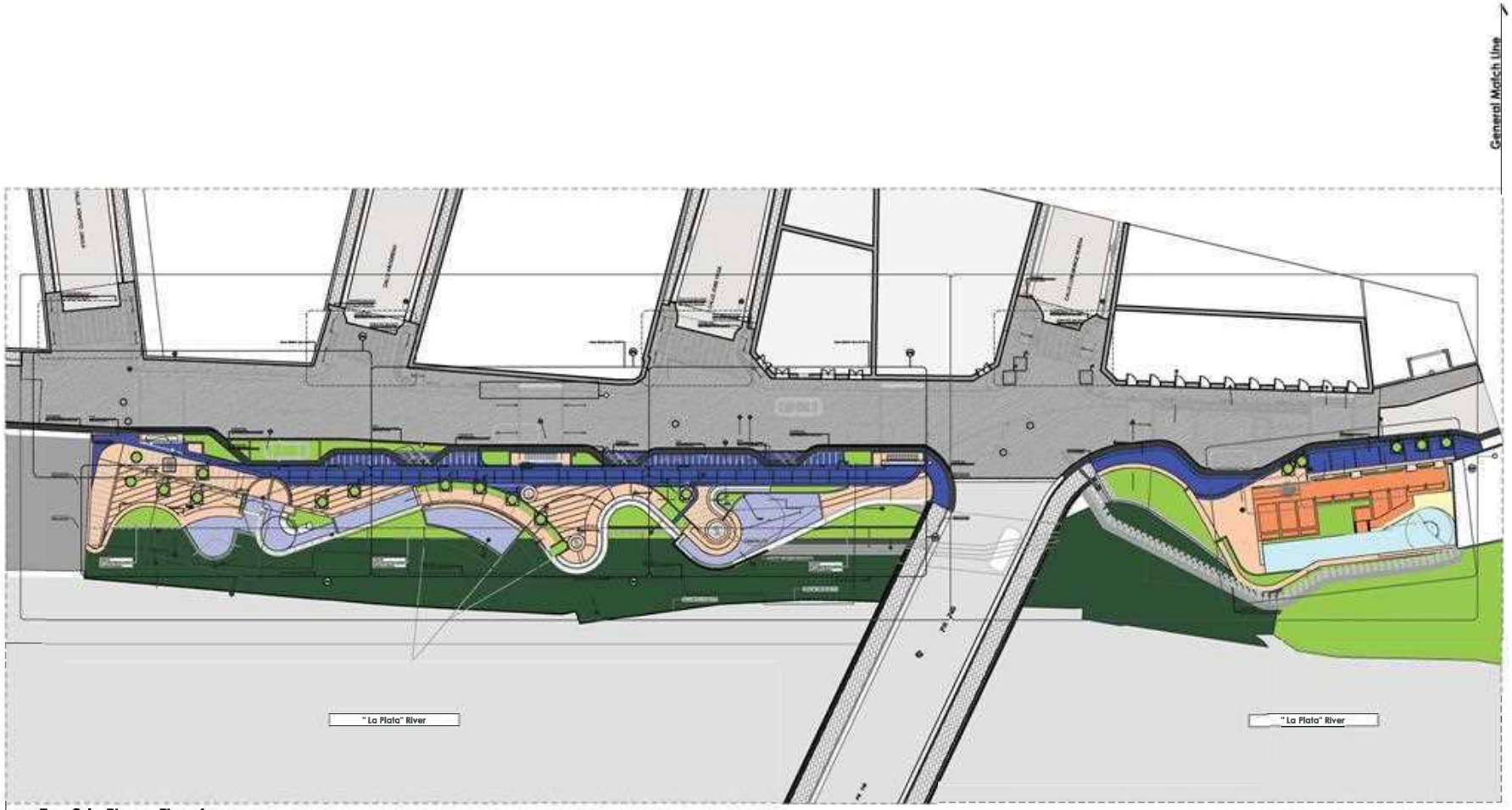
Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio | PR

Certification:
Yo, Eugenio A. Ramirez Salinas, arquitecto licenciado, autorizo la radicación de este plano para uso en el proyecto que describo anteriormente y no responsabilizamos a terceros, cambios, alteraciones o uso indebido que se le pueda dar a este plano sin nuestro consentimiento escrito. Certifico además que el diseño de este proyecto cumple con las disposiciones aplicables de la Ley Hipotecaria y Código de Construcción Vigentes de los Estados Unidos Terminología de Construcción Publicada por Uniformidad. Certifico además que en el diseño de este proyecto cumple con las disposiciones aplicables de la Ley Hipotecaria y Código de Construcción Vigentes de los Estados Unidos Terminología de Construcción Publicada por Uniformidad. Certifico además que en el diseño de este proyecto cumple con las disposiciones aplicables de la Ley Hipotecaria y Código de Construcción Vigentes de los Estados Unidos Terminología de Construcción Publicada por Uniformidad. Certifico además que en el diseño de este proyecto cumple con las disposiciones aplicables de la Ley Hipotecaria y Código de Construcción Vigentes de los Estados Unidos Terminología de Construcción Publicada por Uniformidad. Certifico además que en el diseño de este proyecto cumple con las disposiciones aplicables de la Ley Hipotecaria y Código de Construcción Vigentes de los Estados Unidos Terminología de Construcción Publicada por Uniformidad. Certifico además que en el diseño de este proyecto cumple con las disposiciones aplicables de la Ley Hipotecaria y Código de Construcción Vigentes de los Estados Unidos Terminología de Construcción Publicada por Uniformidad. Certifico además que en el diseño de este proyecto cumple con las disposiciones aplicables de la Ley Hipotecaria y Código de Construcción Vigentes de los Estados Unidos Terminología de Construcción Publicada por Uniformidad.

E RBA

EUGENIO RAMIREZ SALINAS
PUERTO RICO
Licencia 4000

Rev/ID	CHID	Change Name	Date
01			10/16/2023



Zone Color Diagram Phase 1
1/16" = 1'-0"

Zone Color Diagram Phase 1					
Home Data Name	Zone Number	Zone Name	3D Plan Preview	Calculated Area	Zone Category
Plaster					
	[illegible]	Gravel 1		[illegible]	Gravel
	[illegible]	Sidewalk		[illegible]	Sidewalks
	[illegible]	Rubber + Green Areas		[illegible]	Plaster
	[illegible]	Seating Area + Corridor		[illegible]	Seating Area + Corridor
	[illegible]	Walking + Ramps		[illegible]	Walking + Ramps
	[illegible]	Plaza + Historic Site		[illegible]	Plaza + Historic Site
	[illegible]	New Terramesh		[illegible]	New Terramesh Base
	[illegible]	New Georgetti Border		[illegible]	New Street Termination Base (1)
				24,346.91 ft²	

Important Notes:

1. The project is divided in two phases of construction. Refer to "Proposed Site Plan Construction Phases" page for details and specification limits.
2. Legend of hatches:

Construction Phase 1

Construction Phase 2

N

Project
Comerio Water Front Park

Site Plan
Zone Color Diagram Phase 1

Drawing Scale
1/16" = 1'-0" = 1'-0"

Drawing Status
Design Development 50% - ISSUED FOR PERMIT

Sheet No.
A.100.04

Revision
By
Modified by
Checked by
Approved by

E RBA



1 **WSV Miradero**
1:2.85



2 **WSV Plaza Central**
1:2.85



3 **Plaza los Pescadores**
1:2.85



A **West Side View**
1:1.18



B **West Side View**
1:2.19

Important Note: Axonometric views are for reference only.
Contractor must consider plans, sections and elevations for construction

Comerio Water Front Park

A.100.08



A **GS- Proposed Condition**
1:1.78



B **WSV Miradero 3**
1:1.77



C **East Side View 1**
1:1.77

Important Note: Axonometric views are for reference only.
Contractor must consider plans, sections and elevations for construction

Project
Comerio Water Front Park

Drawing Scale: 1:1.77, 1:1.78

Drawing Status: Design Development 60% - ISSUED FOR PERMIT

A.100.09

E RBA

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (939) 320-3135 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To: 05/14/2025 13:52:20 UTC
Project Code: 2025-0096526
Project Name: Waterfront Park

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

THE FOLLOWING SPECIES LIST IS NOT A SECTION 7 CONSULTATION. PLEASE CONTACT OUR OFFICE TO COMPLETE THE CONSULTATION PROCESS

The purpose of the Endangered Species Act (Act) is to provide a means whereby threatened, and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect those species and/or their designated critical habitat.

Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action". The enclosed species list provides information to assist with the U.S. Fish and Wildlife Service (Service) consultation process under section 7 of the Act. However, **the enclosed species list does not complete the required consultation process.** The species list identifies threatened, endangered, proposed and candidate species, as well as proposed and designated critical habitats, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. A discussion between the Federal agency and the Service should include what types of listed species may occur in the proposed action area and what effect the proposed action may have on those species. This process initiates informal consultation.

Once a species list is obtained for the proposed project, an effect determination for endangered and threatened species should be made. The applicant could make an effect determination by using available keys on IPaC for specific species. For species with no determination keys, the applicant should request concurrence from the Service by sending a project package

to caribbean_es@fws.gov. To obtain guidance for completing this process and the minimum requirements for project packages, please visit:

https://www.fws.gov/sites/default/files/documents/consultation-under-section-7-of-the-endangered-species-act-with-the-caribbean-ecological%20Services-field-office-template-letter.pdf

When a federal agency, after discussions with the Service, determines that the proposed action is not likely to adversely affect any listed species, or adversely modify any designated critical habitat, and the Service concurs, the informal consultation is complete, and the proposed project moves ahead. If the proposed action is suspected to affect a listed species or modify designated critical habitat, the Federal agency may then prepare a Biological Assessment (B.A.) to assist in its determination of the project's effects on species and their habitat. However, a B.A. is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a B.A. where the agency provides the Service with an evaluation on the likely effects of the action to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a B.A. are described at 50 CFR 402.12.

If a federal agency determines, based on its B.A. or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to further consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species, and proposed critical habitat be addressed within the consultation process. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species.

This list is provided pursuant to Section 7 of the Endangered Species Act and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action". Please use this list to determine whether your project requires consultation and to make your effects determination. For more guidance, use the Guideline for Consultation under Section 7 of the Endangered Species Act with the Caribbean Ecological Services Field Office by clicking here.

This species list is provided by:

Caribbean Ecological Services Field Office
caribbean_es@fws.gov
Post Office Box 491
Boqueron, PR 00622-0491
(786) 244-0081

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds
- Wetlands

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
(939) 320-3135

PROJECT SUMMARY

Project Code: 2025-0096526
Project Name: Waterfront Park
Project Type: Disaster-related Grants
Project Description: The project consists in the creation of a waterfront park which will require the demolition of seven (7) structures and a parking area, as well as their structural support, and the partial demolition of an additional structure. It will also require curb demolition along the street, selective removal of vegetation along the project area perimeter, and earthworks including excavation and fill. A new recreational area will include sidewalks, planters, observation decks, new lighting fixtures, tile and floor finishes, benches, trash receptacles, concrete ramps, aluminum handrails, bicycle racks, traffic signage, landscaping, and recondition of the façade of a historic building, which will be provided with structural supports to remain in place.

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@18.21734585,-66.22682739262979,14z



Counties: Comerío County, Puerto Rico

ENDANGERED SPECIES ACT SPECIES

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
Puerto Rican Plain Pigeon *Patagioenas inornata wetmorei*	Endangered

No critical habitat has been designated for this species.
Species profile: https://ecos.fws.gov/ecp/species/7955

REPTILES

NAME	STATUS
Puerto Rican Boa *Chilabothrus inornatus*	Endangered

No critical habitat has been designated for this species.
Species profile: https://ecos.fws.gov/ecp/species/6628
General project design guidelines:
https://ipac.ecosphere.fws.gov/project/75AMXKDITZBTLIGMGCERY52CUA/documents/generated/7159.pdf

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

BALD & GOLDEN EAGLES

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2] and the Migratory Bird Treaty Act (MBTA) [1]. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

---

1. The Bald and Golden Eagle Protection Act of 1940.
2. The Migratory Birds Treaty Act of 1918.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

BALD & GOLDEN EAGLES INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED. PLEASE CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

MIGRATORY BIRDS

The Migratory Bird Treaty Act (MBTA) [1] prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The Service interprets the MBTA to prohibit incidental take.

---

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

MIGRATORY BIRD INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED. PLEASE CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

WETLANDS

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

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.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Patrick Stokes
Address: 1902 Reston Metro Plz
City: Reston
State: VA
Zip: 20190
Email patrick.stokes@icf.com
Phone: 4125089117

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boqueron, PR 00622-0491
Phone: (939) 320-3135 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To: 05/14/2025 13:54:00 UTC
Project code: 2025-0096526
Project Name: Waterfront Park

Subject: Technical Assistance letter for the project named 'Waterfront Park' for specified threatened and endangered species, that may occur in your proposed project location, pursuant to the IPaC determination key titled Caribbean Determination Key (DKey).

Dear Applicant:

Thank you for using the assisted evaluation keys in IPaC. This letter is provided pursuant to the Service's authority under the Endangered Species Act of 1973, as amended (ESA) (87 Stat. 884; 16 U.S.C. 1531et seq.). On May 14, 2025, Patrick Stokes used the Caribbean DKey; dated January 03, 2025, in the U.S. Fish and Wildlife Service's online IPaC application to evaluate potential impacts to federally listed species, from a project named 'Waterfront Park'. The project is located in Comerío County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@18.21734585,-66.22682739262979,14z



The following description was provided for the project 'Waterfront Park':

Figure 11: PR Boa Determination Key

> The project consists in the creation of a waterfront park which will require the demolition of seven (7) structures and a parking area, as well as their structural support, and the partial demolition of an additional structure. It will also require curb demolition along the street, selective removal of vegetation along the project area perimeter, and earthworks including excavation and fill. A new recreational area will include sidewalks, planters, observation decks, new lighting fixtures, tile and floor finishes, benches, trash receptacles, concrete ramps, aluminum handrails, bicycle racks, traffic signage, landscaping, and recondition of the façade of a historic building, which will be provided with structural supports to remain in place.

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

Species	Listing Status	Determination
Puerto Rican Boa (*Chilabothrus inornatus*)	Endangered	No effect

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

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

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

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

In addition to the species listed above, the following species and/or critical habitats may also occur in your project area and **are not** covered by this conclusion. Effects to the other federally listed species or critical habitat as listed below should be considered as part of your ESA review for the project.

- Puerto Rican Plain Pigeon *Patagioenas inornata wetmorei* Endangered

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

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

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

1. Name

Waterfront Park

2. Description

The following description was provided for the project 'Waterfront Park':

> The project consists in the creation of a waterfront park which will require the demolition of seven (7) structures and a parking area, as well as their structural support, and the partial demolition of an additional structure. It will also require curb demolition along the street, selective removal of vegetation along the project area perimeter, and earthworks including excavation and fill. A new recreational area will include sidewalks, planters, observation decks, new lighting fixtures, tile and floor finishes, benches, trash receptacles, concrete ramps, aluminum handrails, bicycle racks, traffic signage, landscaping, and recondition of the façade of a historic building, which will be provided with structural supports to remain in place.

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@18.21734585,-66.22682739262979,14z



QUALIFICATION INTERVIEW

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

   No

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

   Note: Urban and developed areas has one or more of the following characteristics: Presence of existing buildings, residential areas, and commercial establishments. Well-established infrastructure including roads, utilities, and urban facilities. High population density. Established neighborhoods and urban amenities ("urbanizaciones"). Developed landscape with paved surfaces, parking lots, and industrial areas. Signs of human activity and urbanization, such as shopping centers and recreational facilities. Location within the boundaries of a city or town ("casco urbano"). High concentration of built-up structures and limited open spaces. Aerial imagery might be requested to the applicant. .

   Yes

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

   Automatically answered
   Yes

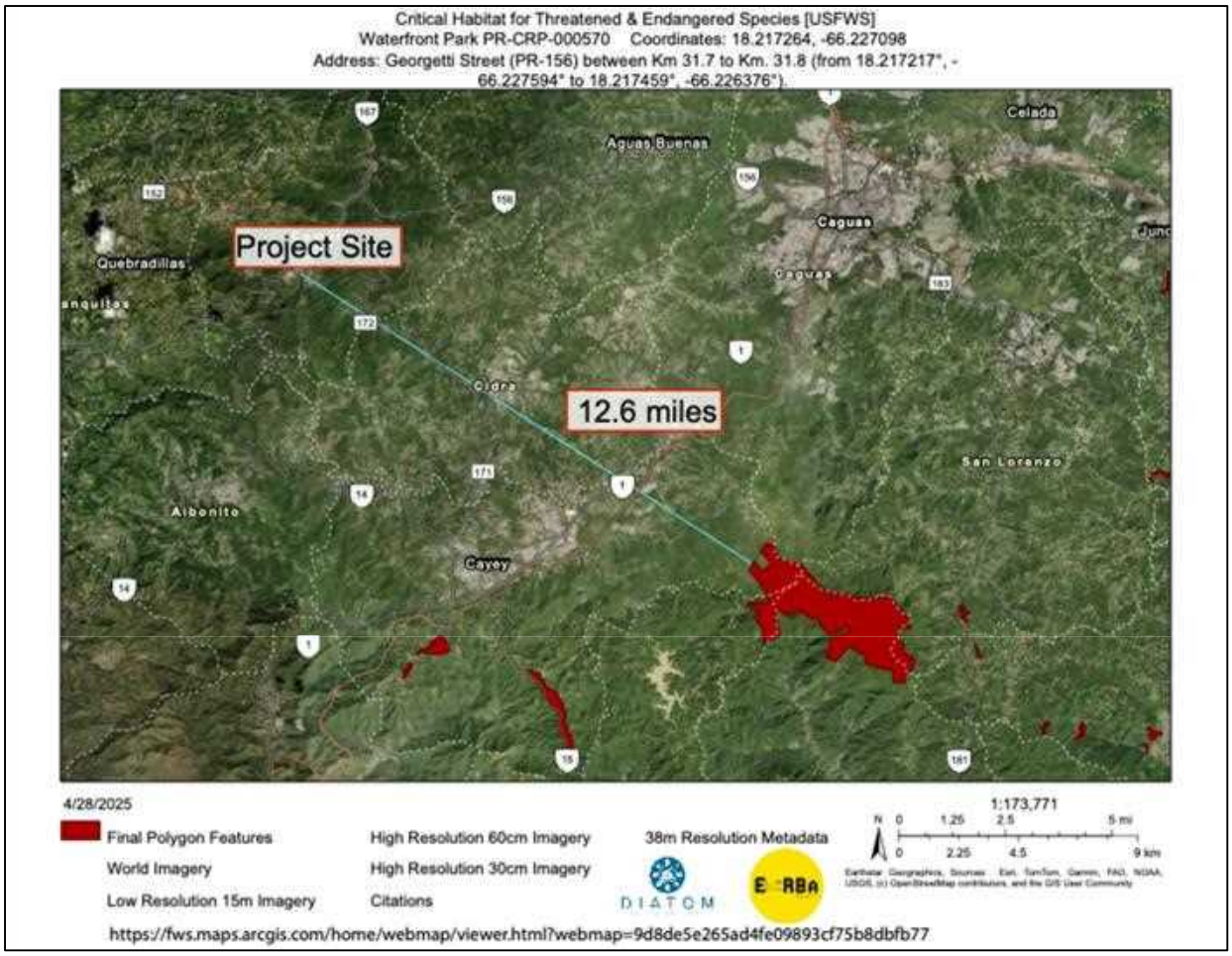
IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Patrick Stokes
Address: 1902 Reston Metro Plz
City: Reston
State: VA
Zip: 20190
Email patrick.stokes@icf.com
Phone: 4125089117

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development

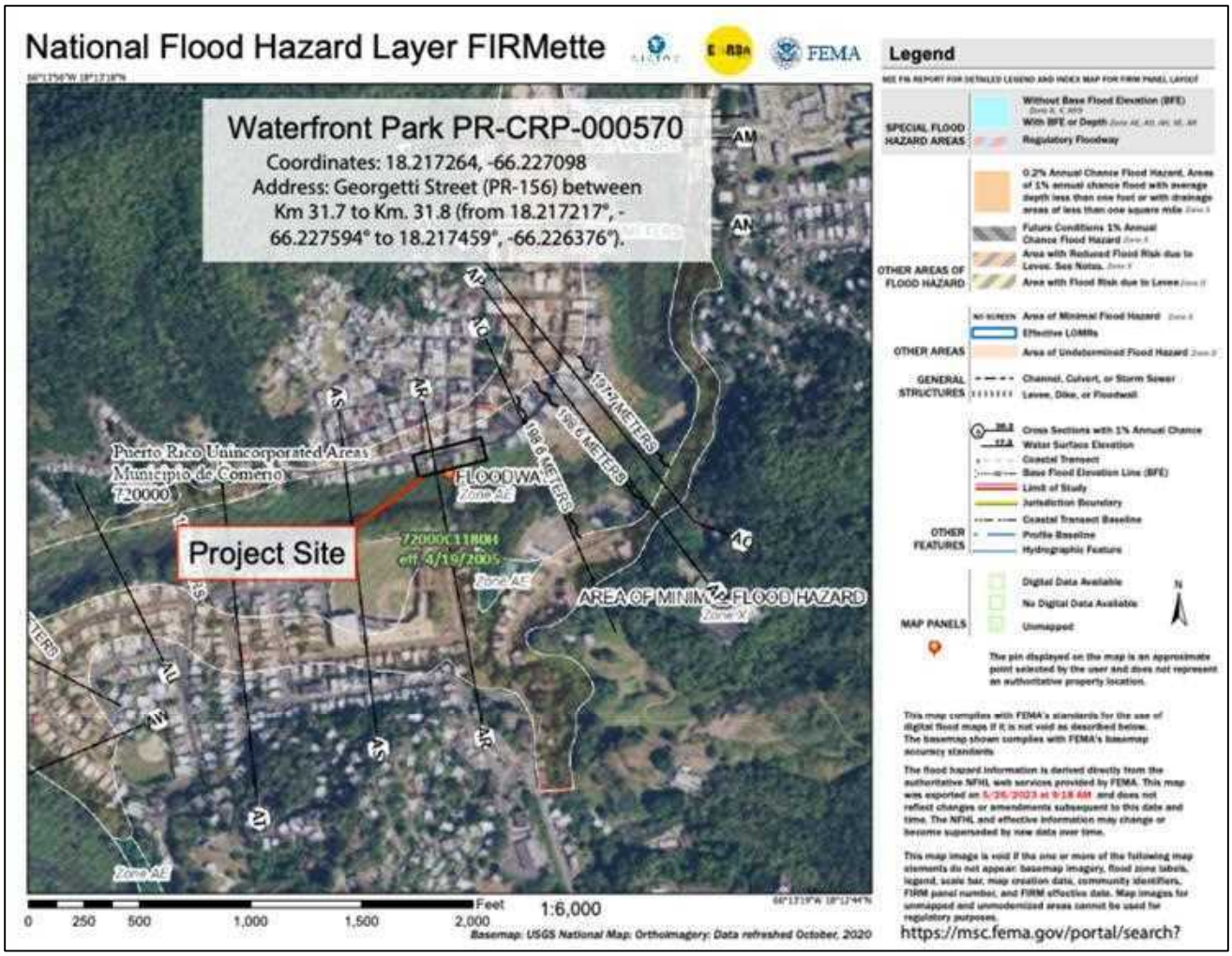
Appendix D: Critical Habitat Map



Appendix E: Topographic Map



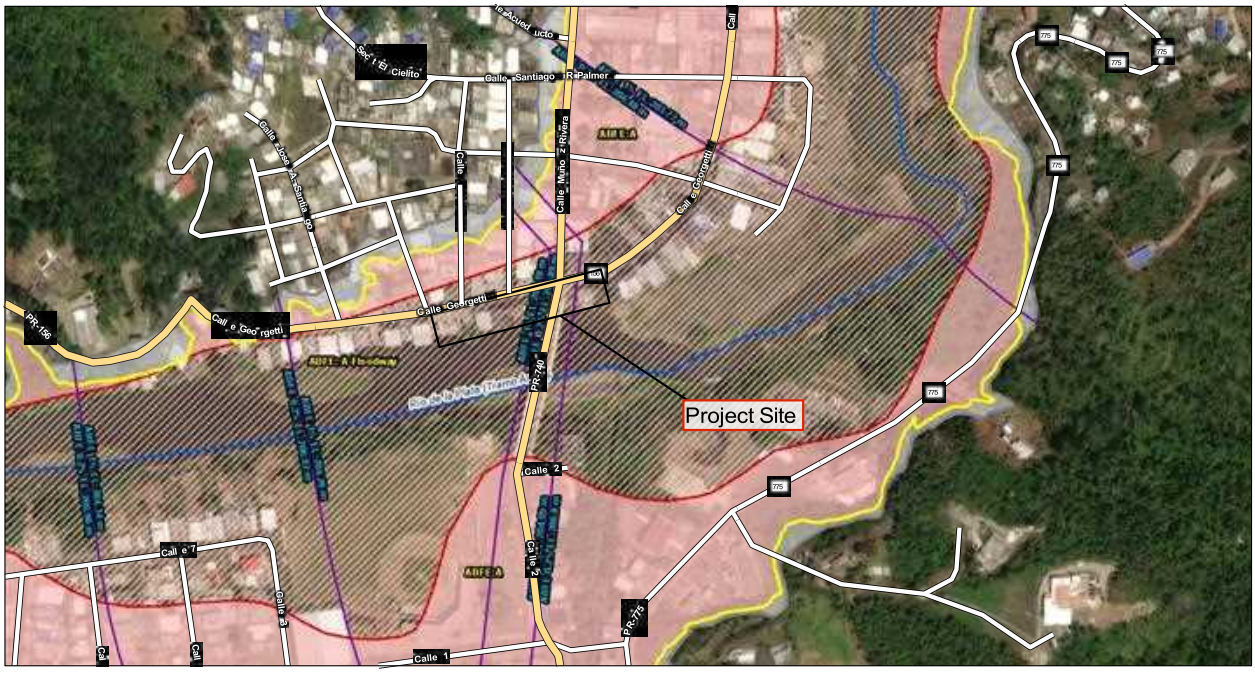
Appendix F: FEMA FIRMette



Appendix G: Advisory Base Flood Elevation (ABFE) Map

Advisory Base Flood Elevation Waterfront Park PR-CRP-000570 Coordinates: 18.217264, -66.227098

Address: Georgetti Street (PR-156) between Km 31.7 to Km. 31.8 (from 18.217217°, -66.227594° to 18.217459°, -66.226376°).



5/26/2023, 9:20:25 AM

1:2,257

Flood Hazard Area (zoom in to make visible)
- A
- AO
- AE
- Coastal A Zone
- VE

- 0.2% Annual Chance Flood Zone
- A-Floodway
- AE-Floodway
- Coastal A Zone and Floodway
- Zone/BFE Boundary

Flood Hazard Extent
- 1% Annual Chance Flood
- 0.2% Annual Chance Flood
- Limit of Moderate Wave Action (LiMWA)
- Advisory Base Flood Elevation (zoom in to make visible)
- Streamline (zoom in to make visible)

N 0 0.03 0.05 0.1 mi
0 0.04 0.09 0.17 km

FEMA, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS,

ArcGIS Web AppBuilder

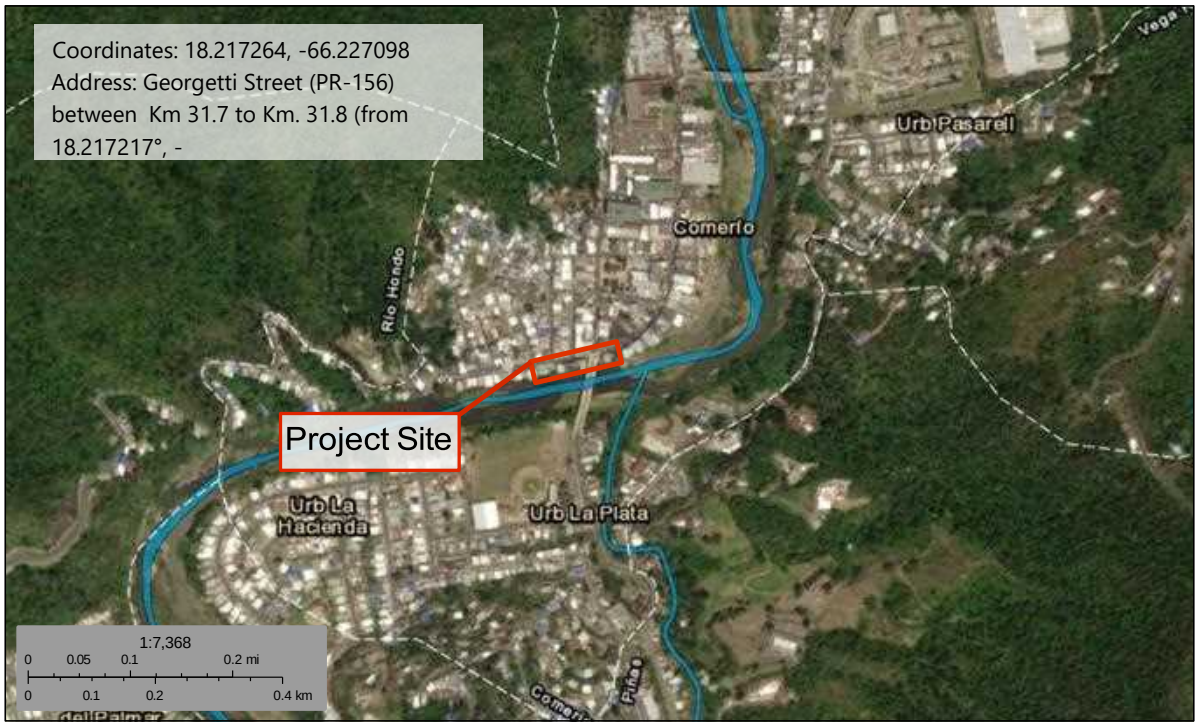
https://gis-r2-fema.hub.arcgis.com/apps/31dfa15671944086b54b55bfc03344d7/explore

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

Appendix H: Wetlands Map

U.S. Fish and Wildlife Service
National Wetlands Inventory

Waterfront Park PR-CRP-000570



May 26, 2023

N

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

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

DIATOM

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

HOJAS DE DATOS

Animales amenazados y en peligro de extinción en el Caribe





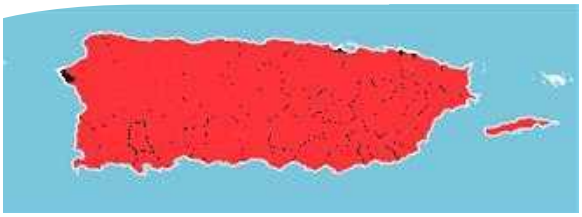

U.S. FISH & WILDLIFE SERVICE

Sea Grant
Puerto Rico

Boa puertorriqueña o culebrón

Epicrates inornatus





Distribución

Familia: Squamata
Orden: Boidae

Descripción

La boa puertorriqueña o culebrón es la culebra más grande de Puerto Rico. Esta especie endémica, alcanza hasta siete pies (aprox. 2 metros) de largo, aunque algunas personas alegan haber visto ejemplares de mayor tamaño. El color es variable, puede ser color marrón pálido u oscuro, color gris o negro. También tiene una serie de manchas o barras negruzcas a lo largo de la parte dorsal y el vientre negruzco.

La boa no es venenosa y no ataca al ser humano. Por el contrario, el culebrón es tímido y al detectar la presencia humana su reacción natural es huir. Aunque generalmente es dócil, algunos adultos pueden intentar morder. Esta conducta ocurre, sin embargo, cuando se les molesta o el organismo se siente en peligro.

Información biológica

Reproducción

La mayoría de las culebras de la familia Boidae, tienen dos estructuras llamadas espolones, uno a cada lado de la de la apertura cloacal. Estos espolones son en realidad los remanentes de las extremidades posteriores. En la región de la apertura cloacal, se encuentran los órganos sexuales. El macho vibra los espolones sobre la hembra para inducirla a tomar una postura apropiada para copular (unirse sexualmente). En ocasiones, se reproducen en grupos de varios machos con una hembra. Es muy difícil distinguir a simple vista el sexo de un culebrón. Aunque por lo general el macho es más pequeño, la mejor forma de identificar el sexo es determinando la presencia de hemipenes. Este es el nombre del órgano sexual masculino de los lagartos y las culebras. Como el hemipene no se nota a simple vista, los especialistas en reptiles y anfibios (herpetólogos) tienen que manipular el individuo para detectarlo y así determinar el sexo del animal.

El cortejo puede durar varias horas y pueden copular por varias horas adicionales o hasta un día completo. La cópula generalmente ocurre entre los meses de febrero a mayo. Contrario a la mayoría de los reptiles, el culebrón no pone e incuba huevos, sino que es ovovivípara o sea, pare sus crías completamente desarrolladas. Su periodo de gestación va de 152 a 193 días. El número promedio de crías que produce un culebrón es de 18 y éstos tienen un tamaño corporal promedio de 16 pulgadas (41 cm aprox.).

Hábitat

Cerca de la mitad de Puerto Rico, 46.3%, se considera hábitat potencial para la boa de Puerto Rico. Sólo el 9% de ese terreno está protegido. Aunque la presencia de la especie se ha informado en todos los ecosistemas

EN PELIGRO

de la isla, la misma es más abundante en la zona kárstica del norte de Puerto Rico. Existe también en áreas de la zona montañosa de Puerto Rico y es menos frecuentemente en la zona seca del sur.

Dieta

Las boas jóvenes se alimentan de lagartijos, anfibios, insectos y otros vertebrados. Las culebras adultas se alimentan principalmente de ratas pero también pueden consumir aves pequeñas, lagartos y murciélagos. Para cazar murciélagos, las boas se cuelgan en las entradas de algunas cuevas. El culebrón atrapa su presa con la boca y luego usa su cuerpo para constreñirla (apretarla). Esto significa que para cazar, enrosca a su víctima con parte de su cuerpo y la aprieta hasta asfixiarla. El culebrón consume a su presa entera, generalmente empezando por la cabeza. Debido a que sus mandíbulas se pueden separar, tienen la capacidad de engullir presas más grandes que el ancho de su cuerpo. Se considera una especie beneficiosa, pues ayuda en el control de animales indeseables como ratas y ratones. Ocasionalmente, pueden comer algunos animales domésticos pequeños, como aves de corral y conejos pequeños.

Distribución

Existe una alta probabilidad de encontrar esta especie en todos los municipios de Puerto Rico. No obstante, todavía no se ha documentado su presencia en todos.

Amenazas

La boa puertorriqueña enfrenta diversas amenazas. Algunas de ellas son naturales y otras están relacionadas a las actividades humanas. A continuación, se presenta una lista de las amenazas para esta especie:

- La principal amenaza a esta especie es la destrucción y modificación del hábitat para desarrollo turístico, agrícola y residencial. Esto tiene como consecuencia los siguientes factores:
  - extracción de corteza terrestre – Las maquinarias que se utilizan para sacar y mover tierra aplastan, cortan y matan a las boas puertorriqueñas.
  - fragmentación de hábitat – Su hábitat queda separado en diferentes parchos. La interacción entre los miembros de la especie y su supervivencia se ve afectada. Se vuelven más vulnerables. La fragmentación por la construcción de carreteras puede causar mortalidad cuando las boas cruzan dichas carreteras.
- Depredadores naturales potenciales tales como: el guaraguao colirrojo (*Buteo jamaicensis*), el guaraguao de bosque (*Buteo platypterus brunnecens*), el zorzal pardo (*Margaro psfuscatus*), el zorzal patirrojo (*Turdus plumbeus*) y el pájaro bobo mayor (*Coccy vieilloti*)
- Depredadores exóticos potenciales tales como: los gatos ferales y domésticos (*Felis catus*) y la mangosta (*Herpestes javanicus*).
- Parásitos potenciales tales como pulgas (*Amblyoma* spp., *Boophilus* spp.) y ácaros (*Ornithodorus portorricensis*). Estos afectan mayormente a individuos que habitan en áreas de pastoreo.
- Persecución, acoso y muerte causada por los humanos
- Competencia con especies exóticas introducidas (e.g., boa de cola roja)

Medidas de conservación

La boa puertorriqueña fue incluida en la lista federal de especies en peligro de extinción en el año 1970 y el plan de recuperación de esta especie se escribió en 1986. Recientemente, se han realizado varias investigaciones que arrojan nueva e importante información sobre la biología y distribución del culebrón. El conocimiento adecuado de la distribución y abundancia de la especie ayudan a delinear estrategias para la protección de la misma.

En el año 2011, se identificó la necesidad de estudios sobre esta especie. Varias investigaciones están en curso para evaluar la distribución de la especie, estimar su abundancia relativa y afinar protocolos de relocalización. Estudios recientes resaltan la importancia de la conservación de los sistemas de cuevas donde esta especie habita y los ecosistemas asociados a éstas debido a que protegiéndolos se protege una gran porción de la diversidad genética que esta especie presenta en las poblaciones de Puerto Rico.

La Ley Federal de Especies en Peligro de Extinción de 1973, según enmendada, prohíbe matar, dañar, molestar, atrapar, comprar o vender una especie, así como partes o productos derivados de ellas.

Recomendaciones

La ciudadanía debe asumir una actitud positiva y sensible hacia esta especie de nuestra fauna nativa. Como todas las culebras de Puerto Rico, el culebrón tiene la fama injustificada de ser peligrosa, lo cual no es cierto. Muchas personas que ven estas culebras reaccionan impulsivamente con la intención de matarlas, a pesar de ser inofensivas.

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Información adicional

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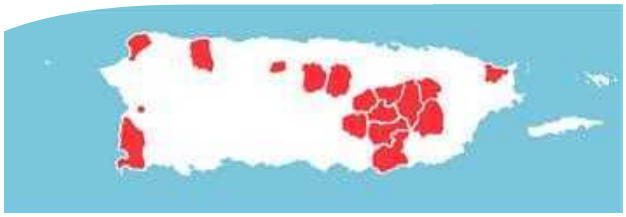
Paloma sabanera *Patagioenas inornata wetmorei*





Distribución

Familia: Columbidae
Orden: Columbiformes

Descripción

La paloma sabanera puertorriqueña es un ave de tamaño similar al de la paloma común. El color de su cuerpo es gris-azulado claro, las alas son marrón-grisáceo claro y la cabeza, el cuello, el pecho y las alas tienen una tonalidad color malva (morado pálido). Cuando se posa, el borde del ala muestra una banda fina blanca. El pico es gris con la punta negra y las patas son de color rojo oscuro. Los ojos son azul-grisáceos claro. Aunque la hembra es un poco más pequeña que el macho, es casi imposible distinguirlos en el campo. Los juveniles se parecen a los adultos pero su color es más marrón que grisáceo. Existen tres sub-especies de paloma sabanera en el Caribe: *Patagioenas inornata inornata* de Cuba y La Española, *P. i. exigua* de Jamaica, y *P. i. wetmorei* de Puerto Rico.

Información biológica

Reproducción

La paloma sabanera alcanza su madurez sexual aproximadamente al año de edad. La especie es monógama. Ambos miembros de la pareja participan en la construcción del nido y la hembra produce una camada de un huevo, que es incubado por ambos miembros de la pareja durante un periodo aproximado de 18 días. Luego que nace el pichón, éste es alimentado y cuidado por ambos padres durante un periodo de poco más de tres semanas (22-24 días). Al finalizar este periodo, el pichón abandona su nido. Las parejas producen unas tres camadas al año y el éxito de anidamiento varía de 42 a 48%. La paloma sabanera anida durante todo el año. Sin embargo, se observa un pico en el número de nidos en los meses de abril y junio.

Hábitat

La paloma sabanera es una especie generalista (no tiene un hábitat específico) que usualmente se comporta como una especie de borde, anidando, forrajeando y durmiendo en árboles a lo largo de carreteras. Los bordes que utiliza pueden ser naturales, tales como las orillas de los ríos y de las quebradas, o pueden ser artificiales, como por ejemplo, las orillas de las carreteras. También puede observarse en áreas de bosque secundario continuo (bosque en el que la vegetación primaria fue impactada) o desplazándose por terrenos agrícolas y urbanos cuando viaja hacia áreas de alimentación o dormideros. Los nidos de esta especie se han encontrado únicamente en la zona este-central montañosa (ej. San Lorenzo, Caguas, Cidra, Comerío) y casi siempre cerca de cuerpos de agua como quebradas o riachuelos. La especie usa árboles grandes y frondosos, como el mangó por ejemplo, para anidar y también le gustan las agrupaciones de bambú cercanas a los ríos.

Dieta

Una variedad de plantas proveen alimento a estas palomas. Entre ellas están las frutas de la palma real (*Roystonea borinquena*), la dama de día (*Cestrum*

EN PELIGRO

diurnum), el camasey (*Miconia sp.*), la péndula (*Petitia dominguensis*) y el bejuco de caro (*Cissus sycyiodes*). La paloma sabanera ingiere agua que se acumula en las bromelias y en las flores del tulipán africano (*Spathodea campanulata*).

Distribución

Históricamente, la paloma sabanera era abundante en Puerto Rico. Se encontraba desde la región de Lares-Utuado hasta las montañas del este de Puerto Rico. También ha sido avistada en pueblos tales como: Aguadilla, Cabo Rojo, Camuy, Guayama, Luquillo, Mayagüez, Corozal, Morovis, Orocovis, Ponce, Utuado, Vega Alta y Vieques. Desafortunadamente, la especie se redujo a unas cuantas poblaciones pequeñas en el este-central de Puerto Rico (Cidra, Cayey, Caguas, Comerío, Aibonito, Aguas Buenas, Gurabo, y San Lorenzo). Para 1940, la paloma sabanera se creía extinta hasta que en 1963 se encontró una pequeña población de 52 individuos en el municipio de Cidra. En tiempos recientes, se ha encontrado que la paloma sabanera parece estarse moviendo hacia los bosques montañosos rodeados de fincas agrícolas de la región cárstica (Corozal, Morovis y Florida). En el año 2012, la población de la paloma sabanera fue estimada en 1,669 individuos.

Amenazas

La paloma sabanera confronta amenazas diversas. Algunas de ellas son antropogénicas (causadas por los seres humanos) y otros naturales.

Las amenazas naturales que enfrenta son:

- Parásitos externos (moscas parasíticas [*Philornis pici*]) e internos (Tremátodo [*Tanaisia bragai*]) y otros patógenos – Les provocan infecciones, especialmente a los pichones, y mueren.
- Eventos naturales (huracanes y tormentas tropicales) – Después de estos eventos, las aves pierden hábitat y alimento.
- Competencia con otras especies como, por ejemplo, la paloma turca (*Patagioenas squamosa*) – Compiten por hábitat y alimento. Compiten, con la paloma turca, por áreas de anidamiento.
- Depredación por otras especies tales como: aves (ej. zorzal pardo [*Margarops fuscatus*], el guaraguao de cola roja [*Buteo jamaicensis*], el zorzal pati-colorado [*Turdus plumbeus*], la yaboa [*Nyctanassa violacea* y *Nycticorax nycticorax*], el martinete [*Butorides virescens*]), los gatos domésticos (*Felis domesticus*) y las ratas (*Rattus rattus*).

Las actividades humanas también representan una amenaza para esta especie. Algunas de las amenazas antropogénicas son:

- Destrucción y alteración o modificación del hábitat causada por la construcción, la expansión y el mantenimiento de carreteras y por la limpieza de terrenos para uso agrícola, residencial o desarrollo turístico.
- Disturbios causados por los seres humanos tales como: la caza ilegal, la muerte no intencionada, los disturbios causados por gente cerca de áreas de reproducción (ej. poda de árboles), el hostigamiento hacia las parejas que están anidando y el robo de pichones.

Medidas de conservación

La paloma sabanera fue incluida en la lista federal de especies en peligro de extinción en 1970. El Servicio Federal de Pesca y Vida Silvestre, junto al Departamento de Recursos Naturales y Ambientales (DRNA) y a la Universidad de Puerto Rico, Recinto de Universitario de Humacao, implementaron un programa de reproducción en cautiverio de la paloma sabanera en 1983. Un total de 31 individuos criados en cautiverio fueron liberados entre 1993 y 1995 en el municipio de Cidra. El programa de reproducción en cautiverio se descontinuó a finales de los años noventa, cuando se documentó un aumento en las poblaciones naturales de la paloma sabanera.

La Ley Federal de Especies en Peligro de Extinción de 1973, según enmendada, prohíbe matar, dañar, molestar, atrapar, comprar o vender una especie, así como partes o productos derivados de ellas.

Recomendaciones

La investigación acerca de esta especie debe continuar. Esto ayudará a determinar aspectos importantes tales como el comportamiento de las poblaciones y su dispersión y determinar los efectos de los depredadores, entre otros. Además, es importante involucrar a los dueños de terrenos privados en la implementación de medidas de conservación para perpetuar la existencia de la especie. Es de suma relevancia también proteger y aumentar las poblaciones de palomas sabaneras, así como conservar

su hábitat con el fin de reducir su vulnerabilidad a las amenazas que enfrenta y así perpetuar la existencia de esta especie única en Puerto Rico.

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Información adicional

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PR-CRP-000570 Comerio Waterfront Park

Photos of Existing site conditions





Proposed Site for Waterfront Park



Figure 1: Waterfront park general area – Aerial photo from CRIM website

Affected Properties



Figure 2: Composite of properties affected, as they face the Georgetti area



Figure 3: Aerial photo of site, prior to Hurricane Fiona (date unknown)



Figure 5: Aerial photo of site, after Hurricane Fiona (photo dated Sept 23, 2022), showing project areas



Figure 4: Aerial photo of site, after Hurricane Fiona (photo dated Sept 23, 2022)



Figure 6: Aerial photo of site, after Hurricane Fiona (photo dated Sept 23, 2022)



Figure 7: Georgetti Street level view, arrow points to stormwater drainage channel (see figures 8 and 10)

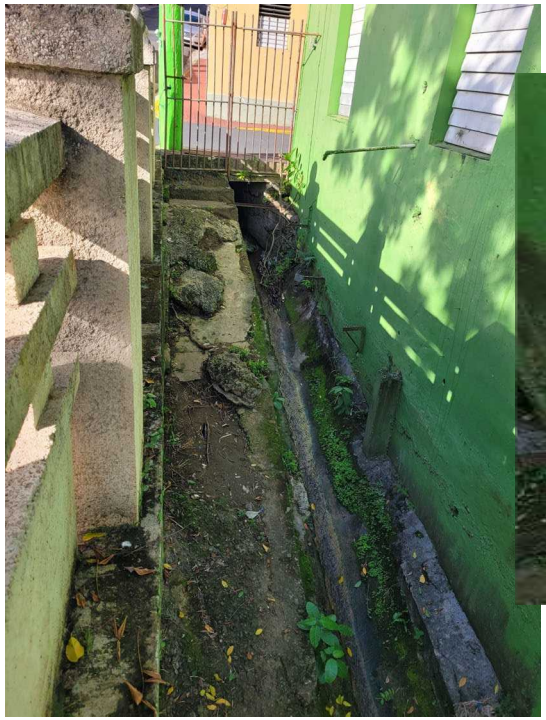




Figure 8 and 9: Stormwater drainage located adjacent to parking and its discharge point (photo on the right)



Figure 10: Georgetti Street level view of historic façade (to remain)



Figure 11: Parking area to be removed

Attachment 8
Explosives and Flammable Hazards

Field Visit Checklist & Site Evaluation

Project Name:	CRP-000570 Waterfront Park Comerío			Latitude:			18.217264,
First Name:	Arq. Eugenio	Last Name:	Ramírez-Ballaga	Longitude:			-66.227098
Street Address:	Cobian's Plaza Suite 206, 1607 Ave. Juan Ponce de León,			Apt/Suite:			
City:	San Juan			State:	PR	Zip:	00912
Date of Visit:	June 26, 2023		Field Visit Conducted By:	Javier Vélez Arocho			

EXISTING ENVIRONMENTAL CONDITIONS ON & AROUND SITE

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

	Site Specific	Area
Observations	There are no flood control structures on site	<400ft.

Toxic Chemicals & Radioactive Materials

Petroleum or Chemical Storage

	Site Specific	Area
Is there any evidence or indication of an underground storage tank (UST) may be located on site?	No	Yes, more than 500 ft
If yes, are they in use?	N/A	Yes
Are there any out-of-service underground fuel tanks?	N/A	No
Is there any evidence that any AST on the property are leaking?	N/A	No

Polychlorinated Biphenyls (PCB):

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

Hazardous Operations

	Site Specific	Area
Is there any evidence of manufacturing operations utilizing or producing hazardous substances at or in close proximity to the site?	No	Yes, more than 2,000 ft
Is there any evidence or indication that past operations located on or in close proximity to the property used hazardous substances or radiological materials that may have been released into the environment?	No	No

Notes/Observations:

The Surroundings of José De Diego Street and PR774 are clean. There is no evidence of hazardous conditions or materials used or stored near the premises. The weather conditions on site were dry and sunny, with temperatures exceeding 88F. The area has been impacted for decades of heavy residential and commercial uses. There is no presence of important natural resources on site. No gas lines were visible in or around the proposed site. The Río La Plata is located less than 40 ft South of the site. The neighbourhood was built in the early 1950s and has gone with modifications for more than 50 years. There are bakeries and food markets with diesel generators in the area.

Attachment 8: Aboveground Storage Tank (AST) radius map

PR-CRP-000570 - Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico

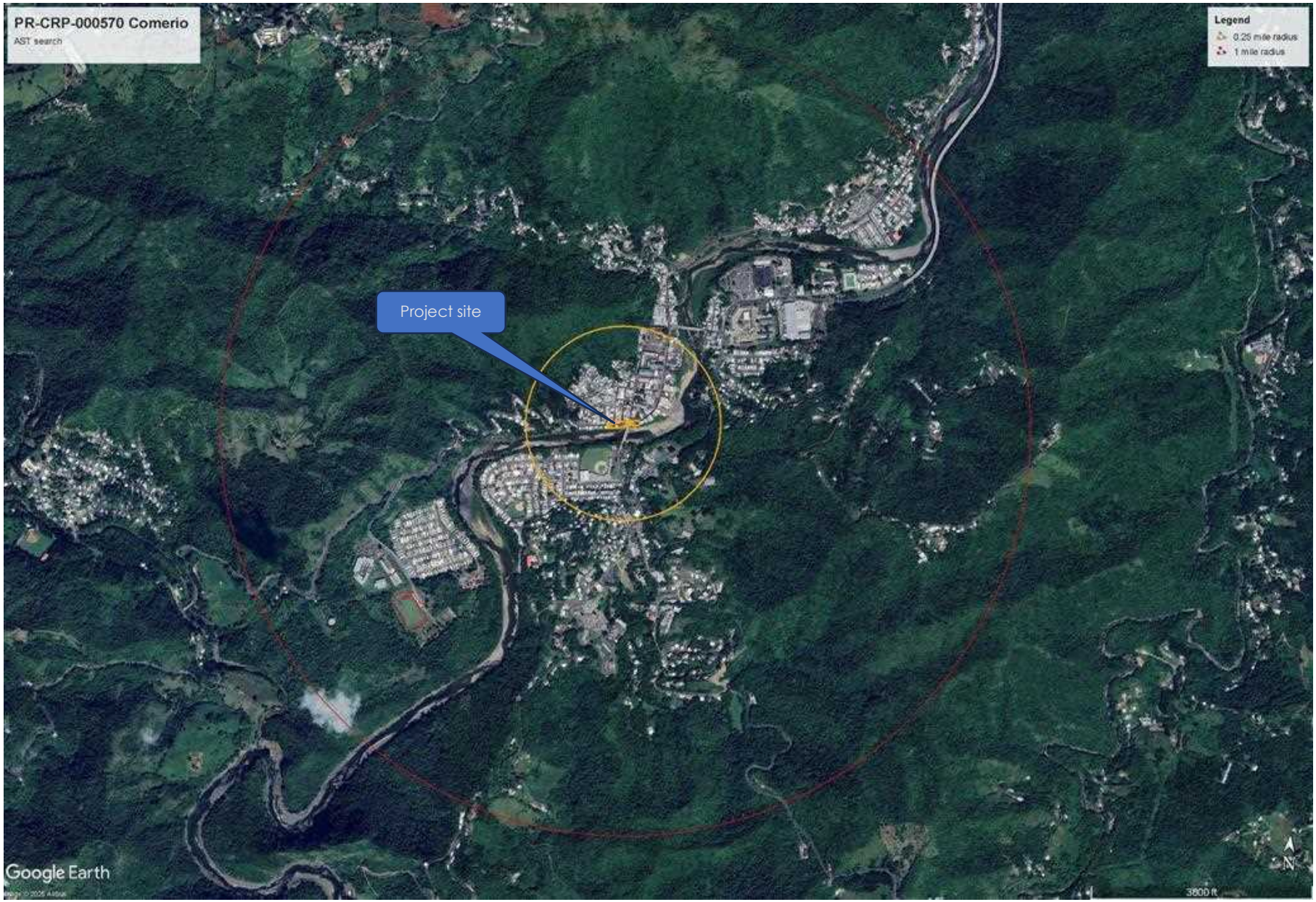


Image Source: Google Earth Pro

Prepared by ICF

Photograph 1



Photograph 2



Photograph 3



Photograph 4



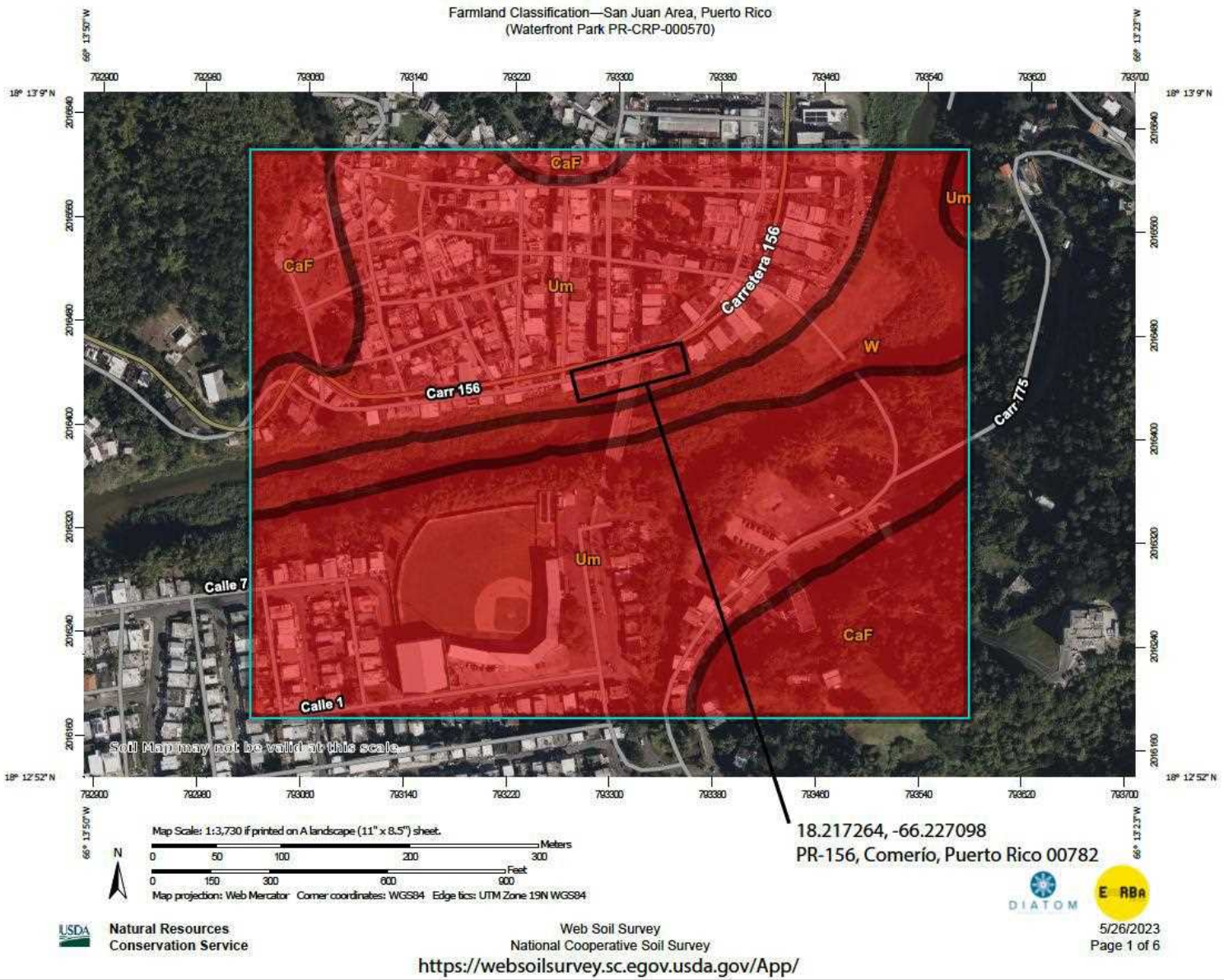
Photograph 5



Attachment 9: Farmland Classification Map

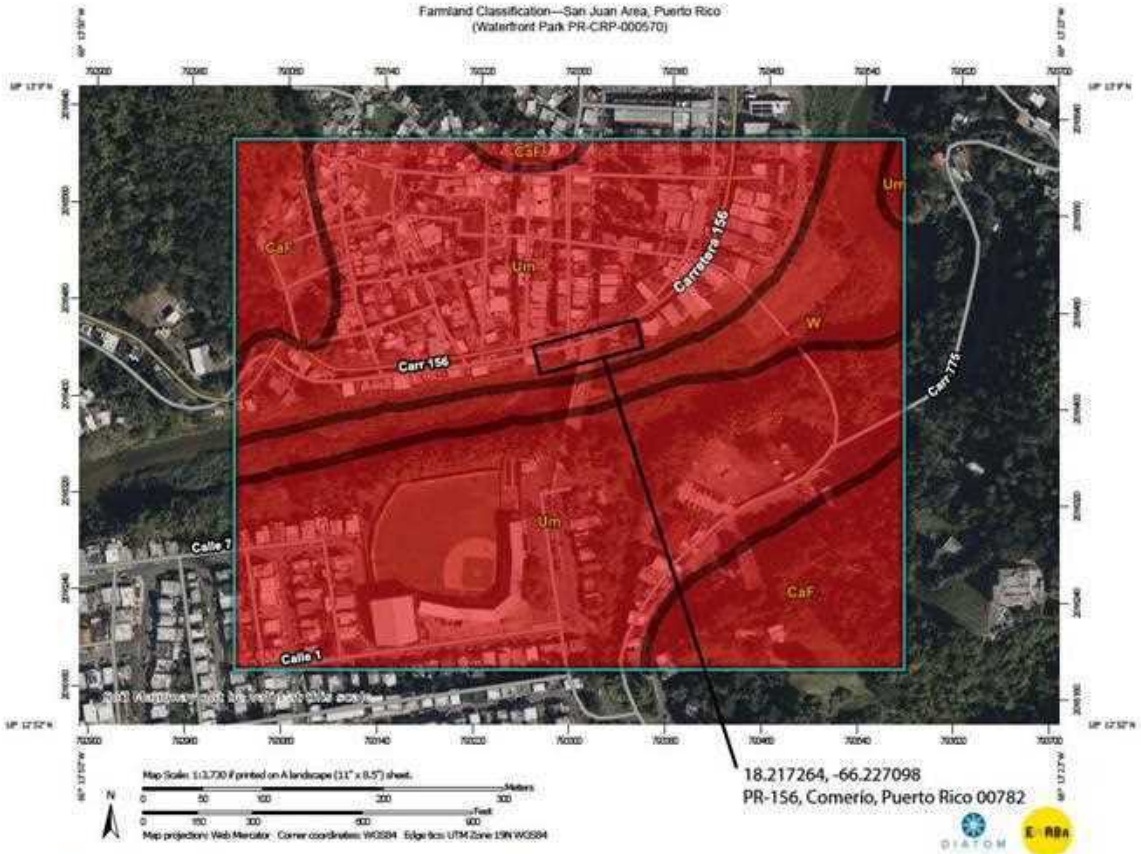
PR-CRP-000570 - Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico

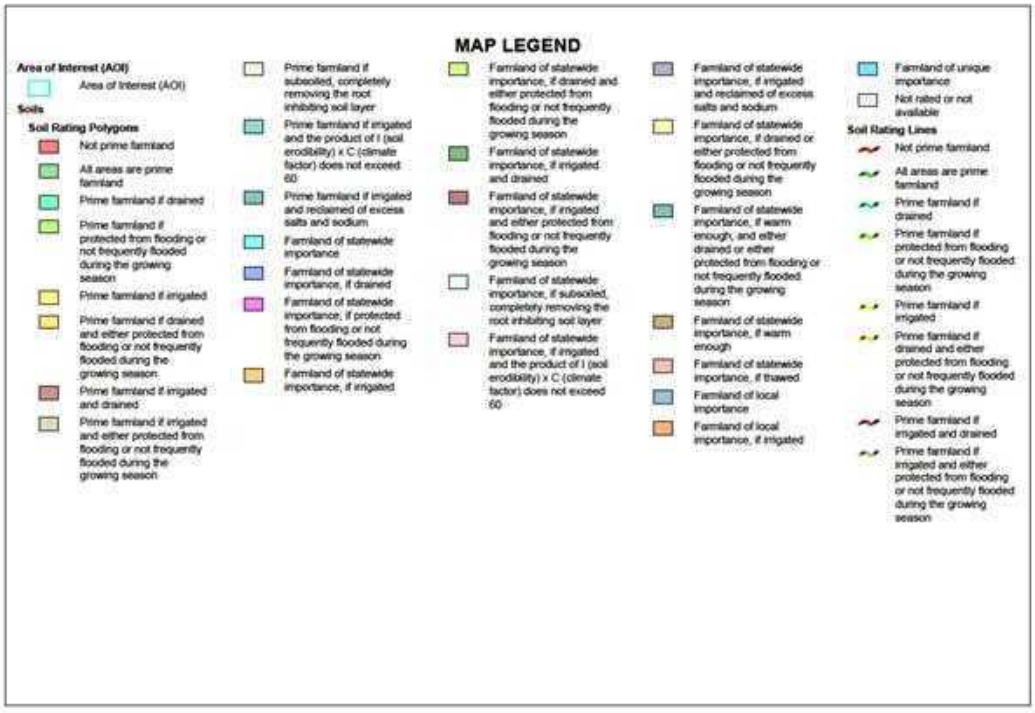


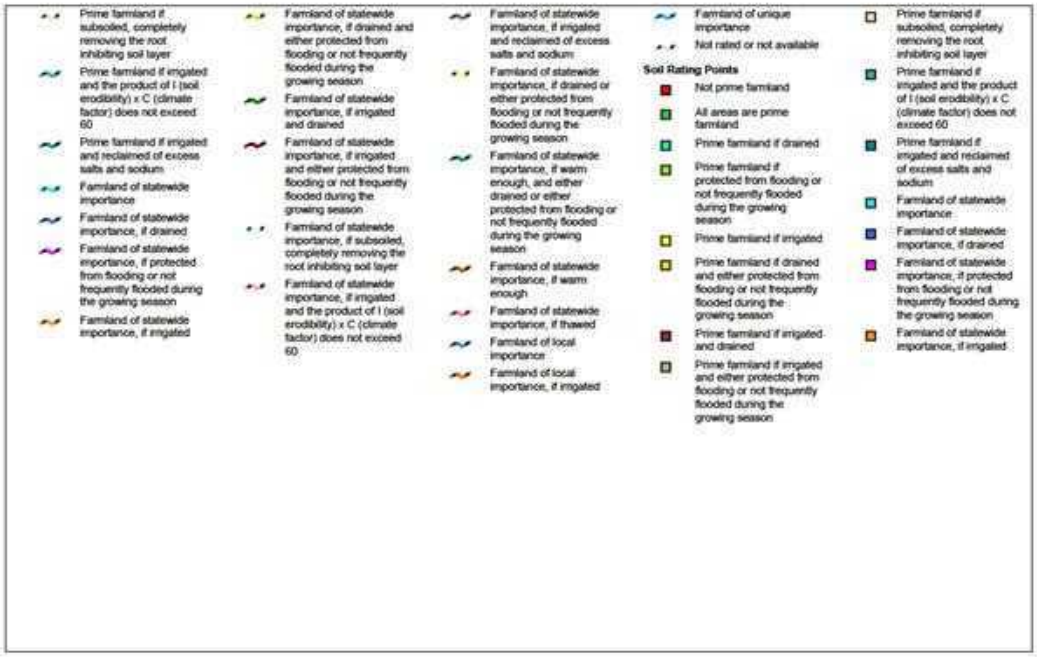
Source: U.S. Department of Agriculture (USDA) Web Soil Survey (Spatial Reference: WGS84), URL https://websoilsurvey.nrcs.usda.gov/

Farmland Classification—San Juan Area, Puerto Rico
(Waterfront Park PR-CRP-000570)



Map Scale: 1:3,730 if printed on A landscape (11" x 8.5") sheet.
Meters: 0 50 100 200 300
Feet: 0 150 300 600 900
N
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84


MAP LEGEND
Area of Interest (AOI)
Area of Interest (AOI)
Soils
Soil Rating Polygons
Not prime farmland
All areas are prime farmland
Prime farmland if drained
Prime farmland if protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated
Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated and drained
Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
Prime farmland if subsoiled, completely removing the root inhibiting soil layer
Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Prime farmland if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated
Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated and drained
Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough
Farmland of statewide importance, if thawed
Farmland of local importance
Farmland of local importance, if irrigated
Farmland of unique importance
Not rated or not available
Soil Rating Lines
Not prime farmland
All areas are prime farmland
Prime farmland if drained
Prime farmland if protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated
Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated and drained
Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season


Prime farmland if subsoiled, completely removing the root inhibiting soil layer
Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Prime farmland if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated
Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated and drained
Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough
Farmland of statewide importance, if thawed
Farmland of local importance
Farmland of local importance, if irrigated
Farmland of unique importance
Not rated or not available
Soil Rating Points
Not prime farmland
All areas are prime farmland
Prime farmland if drained
Prime farmland if protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated
Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated and drained
Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
Prime farmland if subsoiled, completely removing the root inhibiting soil layer
Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Prime farmland if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated

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

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Juan Area, Puerto Rico
Survey Area Data: Version 16, Sep 12, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
CaF	Caguabo clay loam, 40 to 60 percent slopes	Not prime farmland	9.7	15.9%
Um	Urban land-Mucara complex, 12 to 40 percent slopes	Not prime farmland	43.8	72.1%
W	Water	Not prime farmland	7.2	11.9%
Totals for Area of Interest			**60.7**	**100.0%**

Description

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

Rating Options

Aggregation Method: No Aggregation Necessary

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The majority of soil attributes are associated with a component of a map unit, and such an attribute has to be aggregated to the map unit level before a thematic map can be rendered. Map units, however, also have their own attributes. An attribute of a map unit does not have to be aggregated in order to render a corresponding thematic map. Therefore, the "aggregation method" for any attribute of a map unit is referred to as "No Aggregation Necessary".

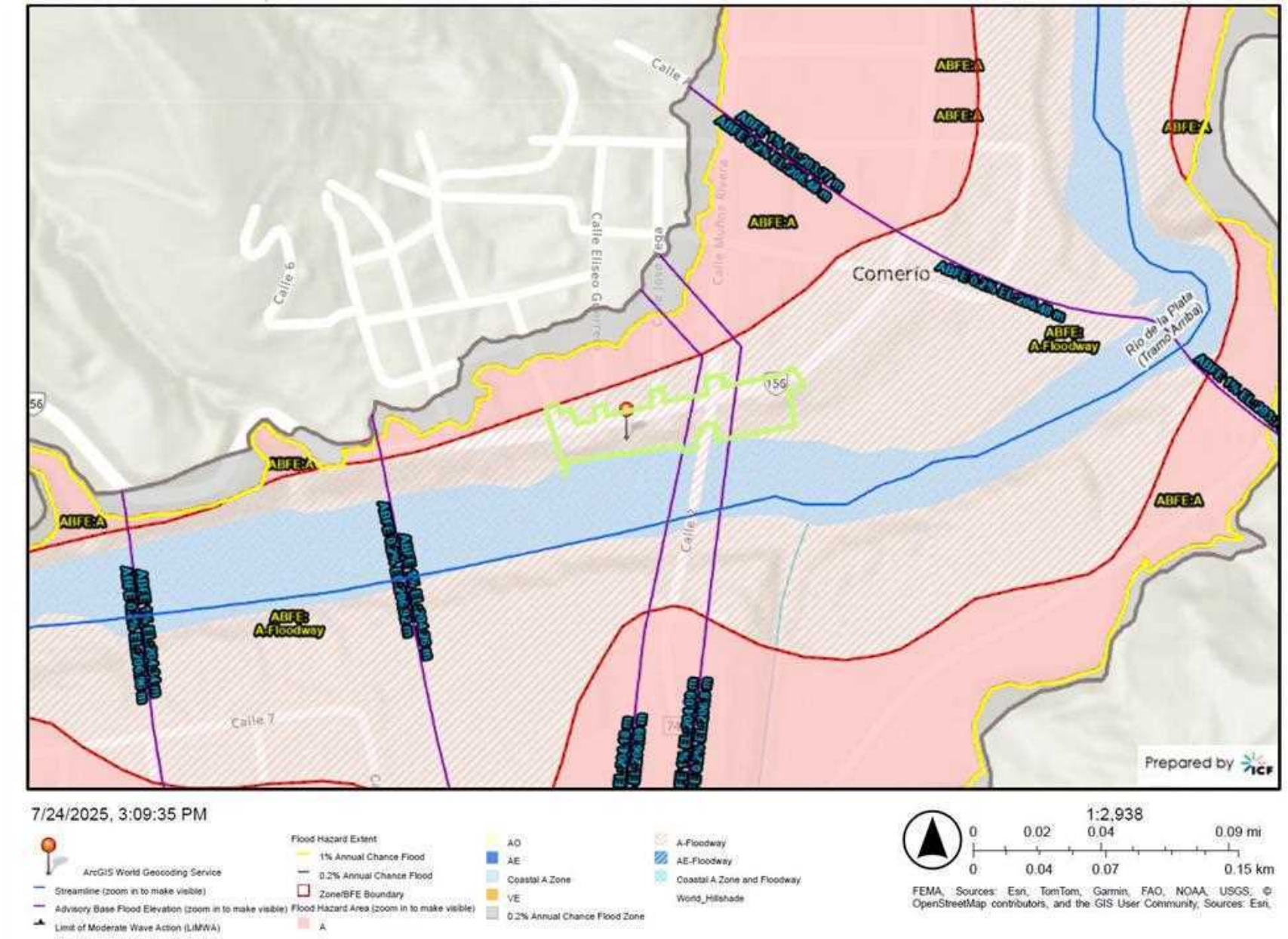
Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Attachment 10: Advisory Base Flood Elevation Map

PR-CRP-000570 - Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico



Source: FEMA https://experience.arcgis.com/experience/2be181b530e74669b33e3edaafef2ebf

Puerto Rico Department of Housing
City Revitalization Program
8-STEP DECISION-MAKING PROCESS

Project number: PR-CRP-000570
Project name: Waterfront Park
Municipality: Comerío
Date: August 8, 2025
Decision-Making Process for E.O. 11988 Provided by 24 CFR §55.20

Project Description:

The proposed activity will develop a recreational area, as part of the City Revitalization Program, to help invigorate the urban center. The space will promote the development of the community with an area for social integration that will help the Municipality to recover from the impact caused by Hurricanes Irma and María. The Comerío "Waterfront Park" will be established at the borders of the main urban center, in an area that is now made up mostly of dilapidated commercial and residential buildings. The proposed project location has a surrounding population that identifies as low-moderate or moderate-income. The proposed project will be located along the Georgetti Street, between Km 31.7 and Km. 31.8, adjacent to the Rio La Plata and at the entrance to the urban center Comerío (from 18.217217°, -66.227594° to 18.217459°, -66.226376°). The project will cover an area of approximately 0.85 acres. A project location map can be found in **Attachment A**.

The project will require the acquisition and demolition of seven (7) privately owned structures, the partial demolition of one of these structures, preserving only its historic façade, and the demolition of a municipally owned parking area. It will also require curb demolition along the street, selective removal of vegetation along the project area perimeter, and earthworks including excavation and fill. The new recreational area will include sidewalks, planters, observation decks, new lighting fixtures, tile and floor finishes, benches, trash receptacles, concrete ramps, aluminum handrails, bicycle racks, tra ic signage, landscaping, and recondition of the façade of a historic building, which will be provided with structural supports to remain in place. To complete the layout, the following activities will be performed for compliance with the Americans with Disabilities Act (ADA): new pedestrian crosswalks and accessibility ramps will be constructed in the streets leading to the Georgetti Street (PR-156) at the intersections of Agapito Dávila Street, Progreso Street, José Vega Street and Luis Muñoz Rivera Street, sidewalk reconstruction at both sides of the aforementioned streets and the Georgetti Street, and elevated pedestrian crosswalks-speed tables will connect the waterfront area with the north street sidewalks. As an essential component of the project, areas occupied by existing structures will be filled to stabilize the exposed slope and to serve as the base for the new recreational park. The fill volume is estimated at 60,000 cubic feet (ft^3), at a maximum depth of 24.5 feet from the street level, of which 53,000 ft^3 will be selected backfill and 7,000 ft^3 of modular soil

reinforcement system known as Terramesh. No retaining walls will be installed. The project will also include the repaving of streets within the project area.

The waterfront design o ers a series of entrances and open spaces to create harmony with nature and the Caribbean tropics. The integration of the vegetation with the concrete surfaces and gazebo structures of the space will help keep the area cool. In addition to everything the park has to o er, this space will provide the residents of the municipality of Comerío with a new alternative for recreation, fraternization and social unity that have always characterized the urban centers of municipalities throughout Puerto Rico. It is also located in one of the main and visible entrances to the urban center, making it visible to visitors and residents alike.

None of the exceptions at 24 CFR Part 55.12 or 55.13 apply, so the 8-step process is required, including an Early Notice, a Final Notice, and an evaluation of direct and indirect impacts associated with construction, occupancy, and modification of the floodplain.

Step 1: Determine whether the action is located in the floodplain or wetland

The extent of the floodplain was evaluated using the FEMA Flood Insurance Rate Map (FIRM) (Panel 72000C1180H, e ective 4/19/2005) (see **Attachment B**). This map shows that the entire area of the proposed project is located entirely within the floodplain, specifically, the regulatory floodway.

The Advisory Base Flood Elevation map (ABFE) (e ective 10/18/2024) also indicates that the entire project area is located within the regulatory floodway (see **Attachment C**). Therefore, the floodplain decision making process must be completed. As a waterfront park, the project meets the criteria of a functionally dependent use as defined in 24 CFR 55.2(b)(7) and is eligible for HUD assistance, despite being located within the floodway.

Based on the National Wetlands Inventory (NWI) map, the project is adjacent to a riverine wetland (R2UBH) south of the project area (see **Attachment D**). However, no work will be performed in the wetland and best management practices including erosion and sedimentation controls will be used to avoid potential impacts to the riverine wetland. Therefore, the project will have no direct impact on the riverine wetlands.

Step 2: Notify the public for early review of the proposal and involve the a ected and interested public in the decision-making process.

A public notice was published in the El Vocero newspaper on May 16, 2025. This newspaper has circulation throughout the entire island of Puerto Rico. The notice was directed at interested agencies, groups and individuals and was published in Spanish and English.

The notice included the project name, proposed location, and description of the activity; the total number of acres of floodplain; the related natural and beneficial functions and values of the floodplain that will be me enhanced by the proposed activity. The notice also included the location at which a full description of the proposed action could be viewed, mail address, email address and phone number that can be used to submit comments. Copies of the published notification and evidence of email distribution to concerned agencies are included in **Attachment E**.

The process requires 15 calendar days for public comments; thus, the comment period ended on May 30, 2025. An additional day was reserved to allow comments to come through in the event they were sent via regular mail. No comments were received during the public comment period.

Step 3: Identify and evaluate practicable alternatives to locating the proposed action in the floodplain.

PRDOH evaluated project alternatives to ensure that the selected alternative met the following conditions:

- The project is located in a centralized area of the municipality, as per the requirements of the City Revitalization Program (https://cdbg-dr.pr.gov/en/city-revitalization/)
- The project is accessible to low-to-moderate income (LMI) residents

PRDOH considered the following project alternatives in terms of the goals identified in the project description and reviewed or considered through the lenses of natural, social, and economic values explained at 24 CFR 55.20(c)(2):

i. Locate the project outside and not a ecting the floodplain or wetland:

Locating the project outside of the floodplain was considered but ultimately rejected because it would likely move the project away from the urban center, reducing accessibility for low- to moderate-income (LMI) residents. Additionally, the primary objective of the proposed project is to eliminate an existing risk to life and property posed by structures currently located in the floodway. Relocating the project would not address this imminent danger. If not removed, the at-risk structures could collapse due to structural failure, endangering residents and bystanders, and causing environmental harm to the adjacent river. The project allows for purposeful use of the area rather that just abandonment or demolition of structures without any further use of the area.

Selecting an alternative site outside the floodplain would also require relocating the project away from the Rio La Plata, making the creation of a waterfront park impossible. A park in another location would lack the unique appeal of the proposed site, which o ers river views, walking paths, and seating areas for residents and visitors in close proximity to other urban center amenities, such as the public plaza and commercial areas. It would also fail to draw people into the urban center, thereby limiting potential economic benefits. Additionally, an alternate location would not support the planned landscaping improvements or the rehabilitation of the historic façade. Overall, the natural, social, and economic values of the project would not be realized to the same extent outside the proposed riverfront location.

Furthermore, this alternative would not improve any floodplain values, such as removing hazards from the floodway. Social values such as aesthetics would also not have been improved as the site would continue to deteriorate. This would also lead to continued deterioration of the historic property whose façade will be improved and maintained. Finally, the proposed alternative will help inmove economic values such by attracting people to the urban center and providing alternatives for recreation in the area. It will also

reduce the potential of property loss due to flooding and remove occupants from sites that are a risk to their lives.

ii. Alternative methods to serve the identical project objectives

Alternatives to the project were considered but limited to:

- Location upstream or downstream of the proposed location.
- Shifting built features away from the floodway and closer to higher ground near the project area.
- Elevating the walkways and platforms above the street level, allowing floodwaters to pass underneath.

These design alternatives were considered but ultimately rejected, as they failed to address the core objective of stabilizing the riparian zone and reducing risks to life and property. Relocating the project upstream or downstream would limit the economic potential of establishing a recreational area within the urban center and would not resolve the visual and structural issues caused by the deteriorating buildings at the urban center's entrance. Options such as elevating or relocating structures would also reduce accessibility—particularly for individuals with disabilities and low-to-moderate income residents who depend on direct, walkable access to the urban core. Moreover, these alternatives would not facilitate the removal of structurally compromised buildings that present a flood hazard, nor would they enable restoration of the floodplain through embankment stabilization and the creation of green space. For these reasons, the alternatives were deemed impracticable in meeting the project's goals.

iii. A determination not to approve any actions in the floodplain.

The no-action alternative was considered but ultimately rejected, as it would not contribute to the revitalization of the urban center. Under this scenario, no park would be developed along the riverfront or elsewhere in the municipality. The urban core would remain largely unchanged, characterized by deteriorating commercial and residential buildings, with no upgrades to roads, sidewalks, drainage infrastructure, or landscaping.

iv. Locate the project within the floodplain (preferred alternative):

Locating the project within the floodplain was determined to be the most practicable alternative, as a significant portion of the Comerío urban center already lies within the floodplain. The project's primary goal is to create a waterfront park for the enjoyment of both residents and visitors, while simultaneously prompting the demolition of seven dilapidated buildings along the riverfront. This enables the repurpose of the land for public use while preserving and rehabilitating the façade of a nearby historic structure. These buildings are situated in a high-risk flood area and exhibit signs of structural damage. As such, the proposed activity will eliminate residential or commercial occupancy in a

hazardous zone, thereby reducing the risk to life and property during flood events and eliminating costly reparations on structures that are likely not able to be insured.

The rehabilitation of the historic structure will enhance the cultural and historical value of the area, while the overall project will improve recreational and aesthetic qualities within the NRHP-eligible Comerío Traditional Urban Center. The project is also expected to positively impact the local economy by attracting visitors to the urban center and creating opportunities for local vendors to promote and sell their products. As part of the project area is municipally owned, property acquisition or relocation has been reduced. Environmental benefits will be achieved through landscaping, including the addition of green spaces, while stormwater management will be improved by installing new stormwater inlets along Georgetti Street.

Step 4: Identify and evaluate the potential direct and indirect impacts associated with the occupancy or modification of the floodplain or the wetland.

A thorough evaluation of essential criteria was performed for the development of this project, encompassing the development of a waterfront park. An integral aspect of this project in the floodplain involves assessing both the adverse and beneficial e ects of the chosen alternative in the floodplain. The analysis of beneficial impacts will center on revitalization of the urban center, rehabilitation of the community's infrastructure, and improved accessibility for locals and visitors. The HUD-funded CRP program is for projects that contribute to economic revitalization throughout Puerto Rico. HUD rules limit what actions can be considered under the CRP program, including limitations on proposed actions in the floodplain and wetland. Descriptions of the potential impacts of the proposed project are below.

Floodplain and Wetland Characteristics:

The proposed project will be located entirely within the floodway of the floodplain, as identified by the ABFE map and the FEMA FIRM (Panel 72000C1180H, e ective 4/19/2005). In the event of a flood, the floodwater moves from west to east in relation to the project area, following the course of the Rio La Plata.

Based on the National Wetlands Inventory (NWI) map, the project is adjacent to a riverine wetland (R2UBH) south of the project area. No work will be performed in the wetland and best management practices including erosion and sedimentation controls will be used to avoid potential impacts to the riverine wetland. Therefore, the project will have no direct impact to the riverine wetlands. Erosion and sedimentation controls such as hay bales, silt fencing, trench plugs, and geotextile inlet inserts will be used to minimize indirect impacts.

Impacts to Lives and Property:

Preventing the loss of life due to flooding is the highest priority. While the proposed project will attract residents and visitors to the waterfront park and the urban center as a whole, there will be no permanently occupied structures and no increase in population density within the floodplain as a result of the project. Additionally, residents and visitors are less likely to gather at the waterfront park during precipitation events when flooding is most likely to occur. Therefore, the project will not create any additional risk for loss of life.

By demolishing the seven dilapidated buildings within the project area, the proposed project will reduce the potential for property damage due to flooding. The seven buildings currently serve as residences and therefore, their removal will also reduce human exposure to flood hazards. Potential damage to properties downstream of the project area would be reduced as well, as the risk of debris from these buildings being carried away in the floodwaters will be eliminated. Runo will be maintained, as most of the project area is already developed with impermeable surfaces. Additionally, the waterfront park will include some new green spaces that will allow floodwater to infiltrate into the ground.

Floodplain functions will be maintained, as the stormwater conveyance system will remain as-is.

Impacts to Natural and Beneficial Values:

The proposed project's potential impacts on the natural and beneficial functions of the floodplain were evaluated. Some floodplain functions that will be enhanced by the proposed activity include floodwater storage and conveyance, erosion control, water quality maintenance, and habitat for flora and fauna. Floodwater storage and conveyance will be improved by allowing water to infiltrate and move freely through the new open space. The open space and improved landscaping will also improve habitat and attract fauna to the urban area. Erosion control in the project area will be enhanced by stabilizing the embankment. Water quality maintenance will be improved by preventing the imminent threat of structural collapse of the buildings along the riverbank, which would deposit debris and contaminants into the waterway.

Living resources including flora and fauna may benefit from the proposed landscaping plan that includes new green spaces and over several new trees. Cultural resources, including recreational and historical aspects, will be improved by providing a new place for people to gather and by rehabilitating the historic façade within the project area. There will be no impact on agricultural, aquacultural, or forestry resources.

The project is not anticipated to have an impact on wetlands because erosion and sedimentation controls will be in place and the activities will occur above the river's ordinary high-water mark. Erosion and sedimentation controls will include hay bales, silt fencing, trench plugs, and geotextile inlet inserts.

Economic and Legal Considerations:

The project will require the acquisition of seven properties, following the Uniform Relocation Assistance and Real Property Acquisition Policies Act (URA). This process ensures fair treatment, compensation, and assistance to displaced persons or businesses. Legal considerations include title and ownership verification, the potential use of eminent domain, and thorough documentation of all procedures. URA professionals will oversee the process to ensure full legal compliance.

All necessary permits and approvals from local authorities will be obtained, with adherence to zoning laws, transportation regulations, and other applicable requirements. The project's budget includes all costs associated with the URA process. Over time, the removal of insurable structures will allow for more e ective land use, increasing the value of surrounding properties. As a result, the project is expected to generate long-term economic benefits for the community.

Step 5: Where practicable, design or modify the proposed action to minimize the potential adverse impacts to and from the floodplain or wetland and to restore and preserve their natural and beneficial functions and values.

Elevation:

The proposed project will not involve any insurable structure. Therefore, elevation above the base flood level will not be required.

Minimization:

Potential harm to the floodplain will be minimized by creating new green spaces, which will help improve stormwater conveyance and groundwater infiltration. Additionally, the removal of the seven dilapidated buildings described above will reduce obstructions in the path of floodwater movement. The removal of these buildings will reduce the potential for property damage due to flooding and reduce potential damage to properties downstream of the project area, as the risk of debris from these buildings being carried away in the floodwaters will be eliminated. This will also reduce the likelihood of debris and contaminants entering the river in the case of structural failure of the buildings.

Other natural and beneficial values of the floodplain will be maintained by the proposed project. Standard construction best management practices including erosion and sedimentation controls will be used to avoid potential indirect impacts to the wetland. Erosion and sedimentation controls will include hay bales, silt fencing, trench plugs, and geotextile inlet inserts.

Restoration and Preservation:

Floodwater conveyance will be restored by removing structures from the floodway, allowing floodwater to flow freely through the project area. Additionally, the creation of new green spaces will allow water to infiltrate into the ground. Erosion control in the project area will be enhanced by stabilizing the embankment.

Planning for Resident's and Occupant's Safety:

The project will not create any additional risk of loss of life because there will be no permanently occupied structures and no increase in population density within the floodplain. Contrarily, the proposed removal of the seven dilapidated residential buildings will move occupants out of the floodway and therefore reduce human exposure to flood hazards.

Step 6: Reevaluate the alternatives.

Although the preferred alternative is located within the floodway, it is the best alternative that will meet the project goals and fit the criteria of the City Revitalization Program. Completing the project at the proposed location will provide a waterfront park for residents and visitors of Comerío's urban center to enjoy. This alternative will also provide the opportunity to demolish the seven dilapidated buildings along the waterfront and repurpose the land for the enjoyment of locals and visitors, while rehabilitating the façade of a historic structure along the river. This alternative will not create any additional risk of loss of life during a flooding event and it will reduce the risk of flood-related damage to property within and downstream of the project area. The natural and beneficial functions of the floodplain will be maintained, if not slightly improved by the new green space and removal of obstructions to floodwater movement.

Selecting another project location outside of the floodplain is not a practicable alternative because this could potentially relocate the project outside of the urban center and limit accessibility to LMI residents. Additionally, this would require moving the project away from the Rio La Plata, which is an essential component of this project as a waterfront park. A park at another location would not have the same appeal and create the same potential for economic growth as a waterfront park in the urban center. Also, selecting a location outside of the floodplain would result in the streets, sidewalks, seven dilapidated residential and commercial buildings, and the historic façade being left in their current deteriorated condition.

The no-action alternative is not a practicable alternative because it would fail to revitalize the urban center in any way. There would be no improvements to buildings, sidewalks, landscaping, or roads, and there would be no new gathering and recreation place for residents and visitors to enjoy.

Relocating the project upstream or downstream would reduce economic benefits to the urban core by diverting activity away from the commercial center, where local businesses rely on foot tra ic. It would also leave dilapidated properties untouched, limiting visual and economic revitalization.

Moving features to higher ground could lower long-term flood risks but may require costly or unavailable land. This shift could reduce the park's waterfront appeal, lowering its potential to attract visitors and support nearby businesses. It may also result in fragmented public spaces that weaken economic connections in the area.

Elevated structures require higher upfront costs for engineering and materials. While they may reduce flood damage, the added expense may not be justified if more a ordable solutions exist. Accessibility challenges could increase costs and limit use, a ecting foot

tra ic and business activity. Elevated designs might also clash with the surrounding historic or urban character, reducing overall project appeal.

Step 7: Determination of no practicable alternative and publication of final notice

It has been determined that there is no practicable alternative for locating the project within the floodplain. This is due to:

1. The desire to improve citizen livelihood by providing adequate and aesthetically pleasing areas for recreation and leisure
2. The need to revitalize urban areas
3. The project's accessibility to LMI citizenship
4. The ability to mitigate and minimize impacts on public safety, property, and floodplain values

Several alternatives were considered, including locating the project outside the floodplain; siting it upstream or downstream of the proposed location; shifting project features away from the floodway toward higher ground; elevating walkways and platforms above street level to allow floodwaters to pass beneath; and a no-action alternative. However, it was determined that to achieve the project's goal of revitalizing the Comerío urban center through the creation of a waterfront park that supports recreational, economic, and cultural development, the most suitable and practicable option is to proceed with development at the proposed location within the floodplain.

Mitigation measures have been incorporated in all phases of the project. During the design phase, mitigation considerations included landscaping improvements, removal of damaged buildings in the floodway, new stormwater inlets, and new green spaces. Best management practices such as erosion and sedimentation controls will be implemented during the construction phase of the project to minimize any potential impact to the floodplain. These erosion and sedimentation control strategies may include the use of silt fences or hay bales, among others.

A final notice was published in the *Primera Hora* newspaper on August 29, 2025, consistent with the early notice described in Step 2. The notice was directed at interested agencies, groups and individuals and was published in Spanish and English. The notice included the project name, proposed location, and description of the activity; the total number of acres of floodplain or wetland involved; the related natural and beneficial functions and values of the floodplain or wetland that may be adversely a ected by the proposed activity; and the responsible entity's contact information (the Puerto Rico Department of Housing). The notice also included the location at which a full description of the proposed action could be viewed. A copy of the published notification is attached to this document (see **Attachment F**).

The required 7 calendar days were allowed for public comment; thus the comment period ended on September 6, 2025. An additional day was reserved to allow comments to come through in the event they were sent via regular mail.

One comment was received from the US Fish and Wildlife Service's Caribbean Ecological Services Field O ice. The email received requested additional information about the project, including the Environmental Assessment (EA) and all related documents if available. As a response, the 8-Step Decision Making Process approved by the Certifying O icer was provided on September 2, 2025 (see **Attachment F**). The EA will be made available once completed.

Step 8: Implement the proposed action

This plan will be implemented, as described above, to ensure that impacts to the floodplain are managed and mitigated to the extent possible. The activities will be executed, and necessary language will be included in all agreements with participating parties. Active monitoring of the construction process will take place to ensure no unnecessary impacts occur nor unnecessary risks are taken. Finally, the municipality will provide maintenance to the project elements to ensure it operates as intended throughout the life of the project.

Attachment A:
Project Location Map

PR-CRP-000570 Project Location Map

Address: Carretera Eduardo Georgetti KM 0 – KM 0.03 y KM 31.7- KM 31.8, Comerío, PR 00782
Coordinates: 18.217194, -66.227222



January 9, 2025

Project Area

Spatial Reference: WGS84
Source: EPA NEPAssist (https://nepassisttool.epa.gov/nepassist/nepamap.aspx)

1:2,257

0 0.02 0.04 0.07 mi

0 0.03 0.06 0.11 km

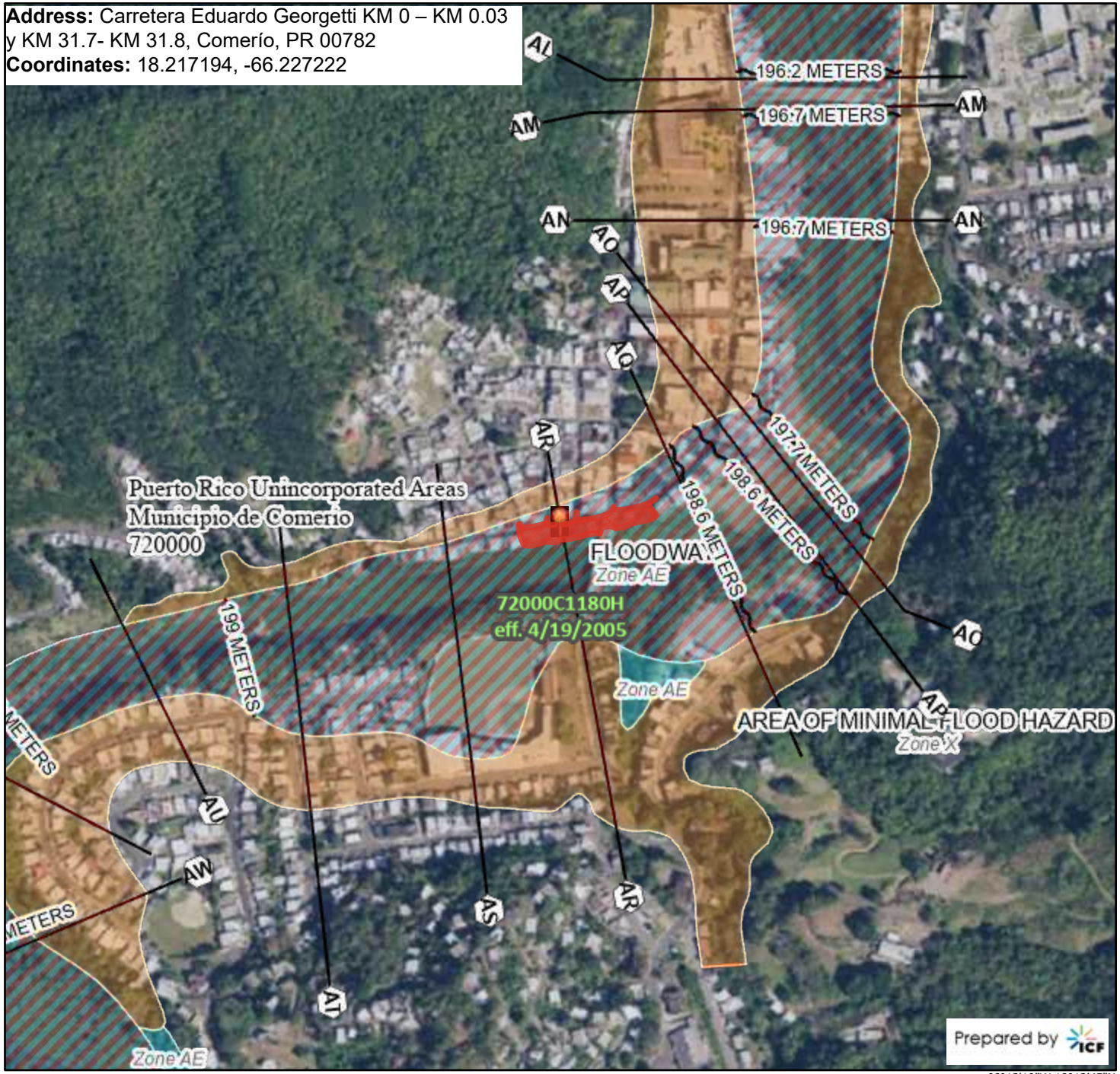
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare,

Attachment B:
FEMA FIRMette

PR-CRP-000570National Flood Hazard Layer FIRMette

FEMA

Address: Carretera Eduardo Georgetti KM 0 – KM 0.03 y KM 31.7- KM 31.8, Comerío, PR 00782
Coordinates: 18.217194, -66.227222



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

1:6,000

66°13'19"W 18°12'45"N

Legend

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

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

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/9/2025 at 9:07 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

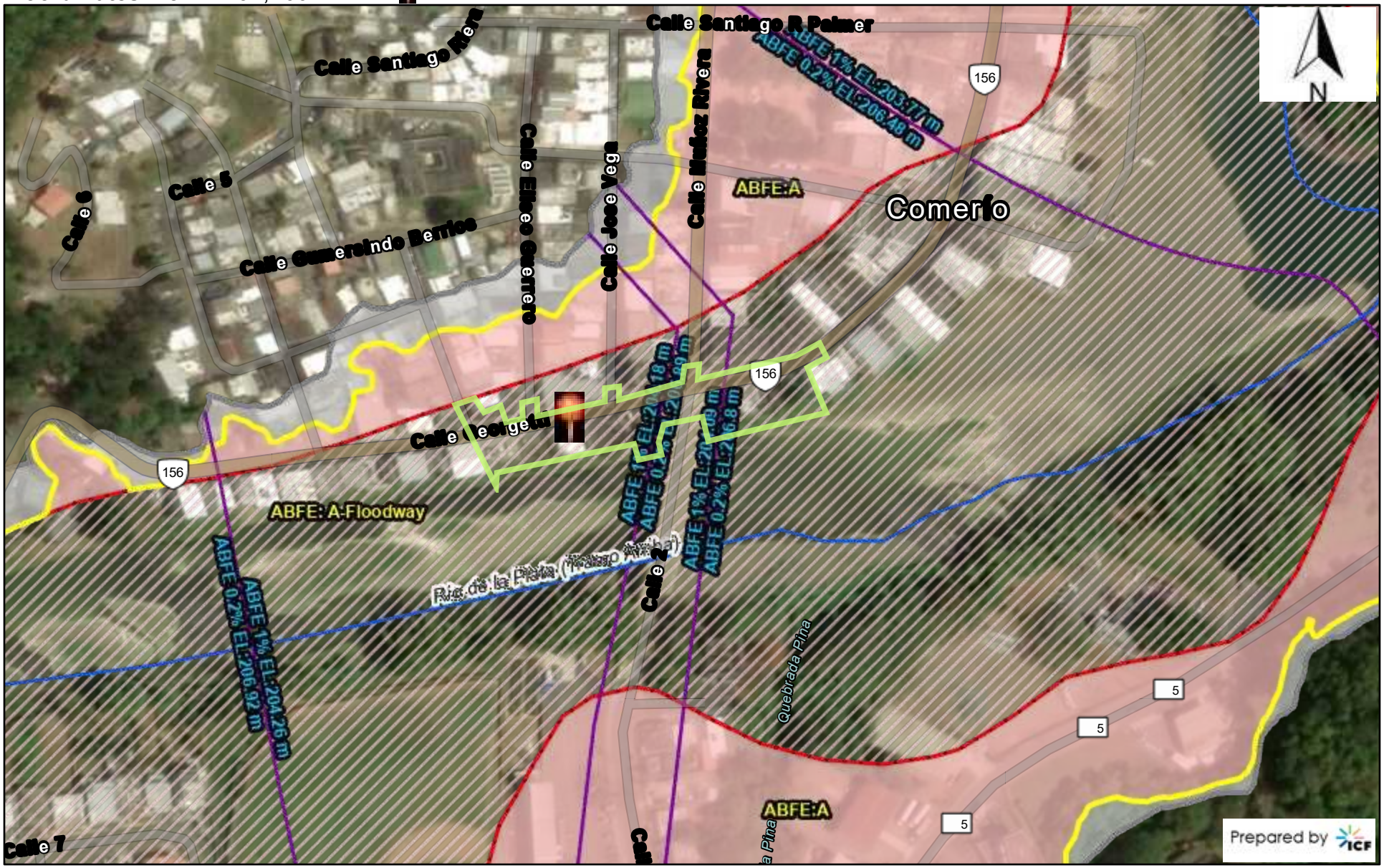
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

Attachment C: Advisory Base Flood Elevation (ABFE) Map

PR-CRP-000570 Advisory Base Flood Elevation (ABFE) Map

Address: Carretera Eduardo Georgetti KM 0 - KM 0.03 y KM 31.1 - KM 31.8, Comerío, PR 00782

Coordinates: 18.217194, -66.227222



5/21/2025, 2: :5 PM

1:2,25

Flood Hazard rea (zoom in to ma e visible)

one/BF Boundary

dvisory Base Flood levation (zoom in to ma e visible)

Flood Hazard tent

Streamline (zoom in to ma e visible)

0.2 nnual Chance Flood one

1 nnual Chance Flood

Floodway

0.2 nnual Chance Flood

0 0.02 0.0 0.0 mi

0 0.0 0.06 0.11 m

F M , Sources: sri, TomTom, armin, F , N , US S, (c) penStreetMap contributors, and the IS User Community, Source: sri,

rc IS Web ppBuilder

F M sri Community Maps Contributors, sri, TomTom, armin, Safe raph, eoTechnologies, Inc, M TI/N S , US S, NPS, US Census Bureau, USFWS

Spatial Reference: WGS84

Source: https://fema.maps.arcgis.com/apps/webappviewer/index.html?id=31dfa15671944086b54b55bfc03344d7

Attachment D:
Wetlands Map

PR-CRP-000570 Wetland Map

Address: Carretera Eduardo Georgetti KM 0 – KM 0.03 y KM 31.7- KM 31.8, Comerío, PR 00782
Coordinates: 18.217194, -66.227222

U.S. Fish and Wildlife Service
National Wetlands Inventory



January 9, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- Project Area

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

Spatial Reference: WGS84
Source: USFWS National Wetlands Inevntory Mapper (https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/)

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

Attachment E: Early Floodplain Notice

¡Publica tus edictos aquí!

Pueden enviarlos vía:

Correo:
El Vocero de Puerto Rico, Depto de Edictos, PO Box 15074, San Juan PR 00902

Email:
clasificados@elvocero.com

o si prefiere entregarlos personalmente estamos ubicados en:
Ave Ponce de León 1064
2do Piso Parada 15, Santurce

Para más información:
787-724-1485 / 787-622-7495

DEPARTAMENTO DE LA VIVIENDA
GOBIERNO DE PUERTO RICO

AVISO PÚBLICO

Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable y humedal

Waterfront Park
PR-CRP-000570

Para: Todas las partes interesadas, grupos e individuos

Este aviso notifica que el Departamento de la Vivienda de Puerto Rico (Vivienda, en adelante) determinó que la siguiente acción propuesta bajo el Programa de Revitalización de la Ciudad, Subvención en Bloque para el Desarrollo Comunitario – Recuperación ante Desastres (CDBG-DR), número de subvención B-17-DM-72-0001 y B-18-DP-72-0001, está ubicado en un valle inundable y humedal. Vivienda identificará y evaluará alternativas prácticas para realizar la acción propuesta dentro del valle inundable y humedal, y los posibles impactos en el valle inundable y humedal debido a la acción propuesta, según estipulado en la Orden Ejecutiva 11988 y Orden Ejecutiva 11990, en conformidad con las regulaciones de HUD en 24 CFR 55.20 en la Subparte C - Procedimientos para tomar determinaciones sobre el manejo del valle inundable y la protección de humedales. El proyecto propuesto, **PR-CRP-000570**, se encuentra dentro de un municipio que sufrió daños debido a los huracanes Irma y María, y está localizado en la calle Georgetti (PR-156), entre el km 31.7 al km. 31.8; coordenadas desde 18.217217°, -66.227594° hasta 18.217459°, -66.226376°. El proyecto consiste en la creación de un parque frente al agua, el cual requerirá la demolición de siete (7) estructuras y un área de estacionamiento, así como sus soportes estructurales, y la demolición parcial de una estructura adicional. También se requerirá la demolición de los encintados a lo largo de la calle, la remoción selectiva de vegetación a lo largo del perímetro del proyecto y movimiento de tierra, incluyendo excavación y relleno. Una nueva área recreativa incluirá aceras, jardineras, plataformas de observación, nuevas luminarias, acabados de baldosas y pisos, bancos, recipientes de basura, rampas de concreto, pasamanos de aluminio, racks para bicicletas, señalización vial, paisajismo y reacondicionamiento de la fachada de un edificio histórico, que contará con soportes estructurales para permanecer en su lugar. Para completar el diseño, se realizarán las siguientes actividades para cumplir con la Ley para estadounidenses con Discapacidades (ADA, por sus siglas en inglés): se construirán nuevos cruces peatonales y rampas de accesibilidad en las calles que conducen a la calle Georgetti (PR-156) en las intersecciones calle Agapito Dávila, calle Progreso, calle José Vega y calle Luis Muñoz Rivera, reconstrucción de aceras en ambos lados de las calles mencionadas y de la calle Georgetti, y cruces peatonales elevados con reductores de velocidad conectarán el área frente a la nueva área recreacional con las aceras de la calle norte. Como componente esencial del proyecto, se rellenarán las áreas ocupadas por estructuras existentes para estabilizar la pendiente expuesta y servir de base para el nuevo parque recreativo. El volumen de relleno se estima en 60,000 pies cúbicos (ft^3), a una profundidad máxima de 24.5 pies desde el nivel de la calle, de los cuales 53,000 ft^3 será de relleno seleccionado y 7,000 ft^3 de un sistema modular de refuerzo de suelo conocido como Terramesh. No se instalarán muros de contención. El proyecto también incluirá el repavimentado de calles dentro del área del proyecto. No se considera ningún cambio en los patrones de drenaje existentes ya que no se espera un aumento en la escorrentía de aguas pluviales en este proyecto porque la condición existente ya es 100% asfalto completamente impermeable y estructuras que serán reemplazadas por el nuevo proyecto de plaza frente al agua. El proyecto propuesto drenará el sistema municipal existente de aguas pluviales. Las estructuras existentes cubren un área de aproximadamente 13,359 pies cuadrados (ft^2) de superficies impermeables. El área total del proyecto, incluyendo calles y aceras, cubre una huella de 37,006 ft^2 (0.85 acres) y tendrá una longitud frente al agua de aproximadamente 440 pies. Las áreas que se verán afectadas al sur de la calle, donde actualmente se encuentran las estructuras existentes, cubrirán 24,347 ft^2, lo que incluye aproximadamente 10,040 ft^2 de superficies impermeables y 14,307 ft^2 de superficies permeables. En general, las áreas impermeables se reducirán de los 13,359 ft^2 existentes a 10,040 ft^2, lo que representa una reducción de 24.8%. Las áreas del proyecto están ubicadas completamente dentro del cauce mayor de inundación. Como parque frente al agua, el proyecto cumple con los criterios de uso funcionalmente dependiente, según se define en 24 CFR 55.2(b)(7) y es elegible para la asistencia de HUD. El proyecto está ubicado directamente adyacente a un humedal ribereño. El límite entre el humedal y el proyecto es una franja de suelo existente que no verá afectada. El diseño ha determinado que las actividades propuestas se realizarán por encima de la Marca Ordinaria de Agua Alta, por lo tanto, el trabajo se realizará por encima y fuera del humedal ribereño. Se utilizarán las mejores prácticas de manejo, incluyendo control de la erosión y sedimentación, para evitar posibles impactos en el humedal ribereño. El proyecto mantendrá los valores naturales y beneficiosos del valle inundable y humedal, incluyendo la descarga de aguas de inundación, control de erosión, control de calidad de agua y hábitat de flora y fauna, y mejorará los valores recreativos y culturales.

Este aviso tiene tres propósitos principales. Primero, las personas que puedan verse afectadas por actividades en el valle inundable y humedal y aquellos que tengan interés en la protección del ambiente natural deben recibir la oportunidad de expresar sus preocupaciones y proveer información sobre estas áreas. Se exhorta a la comunidad a ofrecer o recomendar ubicaciones alternas fuera del valle inundable y humedal, métodos alternos para cumplir con el propósito del proyecto, y métodos para minimizar y mitigar los impactos en el valle inundable y humedal. Segundo, un programa adecuado de avisos públicos puede ser una herramienta importante para la educación pública. La divulgación de información y solicitud de comentarios públicos sobre valles inundables y humedales puede facilitar y mejorar los esfuerzos federales para reducir los riesgos e impactos asociados con la ocupación y alteración de estas áreas especiales. Tercero, como materia de justicia, cuando el gobierno federal determina participar en acciones ubicadas en el valle inundable y humedal, debe informárselo a quienes puedan ser expuestos a un riesgo mayor o continuo.

Comentarios por escrito deben ser recibidos por Vivienda en la siguiente dirección en o antes del 31 de mayo de 2025: Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918-8461, y (787)274-2527 ext. 4320, Atención: Ciary Y. Pérez-Peña, Secretaria. Una descripción completa del proyecto está disponible para revisión de 8:30 a.m. a 4:00 p.m. en el Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918. Los comentarios también pueden enviarse por correo electrónico a comentariosambiental@vivienda.pr.gov.

Fecha: **16 de mayo de 2025**

DEPARTMENT OF HOUSING
GOVERNMENT OF PUERTO RICO

PUBLIC NOTICE

Early Notice and Public Review of a Proposed Activity in a Floodplain and Wetland

Waterfront Park
PR-CRP-000570

To: All Interested Agencies, Groups and Individuals

This is to give notice that the Puerto Rico Department of Housing (PRDOH) has determined that the following proposed action under the City Revitalization Program, Community Development Block Grant – Disaster Recovery (CDBG-DR), Grant Number B-17-DM-72-0001 and B-18-DP-72-0001, is located in a floodplain and wetland. PRDOH will be identifying and evaluating practicable alternatives to locating the action within the floodplain and wetland, and the potential impacts on the floodplain and wetland from the proposed action, as required by Executive Order 11988 and Executive Order 11990, and in accordance with HUD regulations at 24 CFR 55.20 in Subpart C - Procedures for Making Determinations on Floodplain Management and Protection of Wetlands. The proposed project, **PR-CRP-000570**, is within a municipality with structures damaged by Hurricanes Irma and María and it's located at Georgetti Street (PR-156) between Km 31.7 to Km. 31.8; coordinates from 18.217217°, -66.227594° to 18.217459°, -66.226376°. The project consists in the creation of a waterfront park which will require the demolition of seven (7) structures and a parking area, as well as their structural support, and the partial demolition of an additional structure. It will also require curb demolition along the street, selective removal of vegetation along the project area perimeter, and earthworks including excavation and fill. A new recreational area will include sidewalks, planters, observation decks, new lighting fixtures, tile and floor finishes, benches, trash receptacles, concrete ramps, aluminum handrails, bicycle racks, traffic signage, landscaping, and recondition of the façade of a historic building, which will be provided with structural supports to remain in place. To complete the layout, the following activities will be performed for compliance with the Americans with Disabilities Act (ADA): new pedestrian crosswalks and accessibility ramps will be constructed in the streets leading to the Georgetti Street (PR-156) at the intersections of Agapito Dávila Street, Progreso Street, José Vega Street and Luis Muñoz Rivera Street, sidewalk reconstruction at both sides of the aforementioned streets and the Georgetti Street, and elevated pedestrian crosswalks-speed tables will connect the waterfront area with the north street sidewalks. As an essential component of the project, areas occupied by existing structures will be filled to stabilize the exposed slope and to serve as the base for the new recreational park. The fill volume is estimated at 60,000 cubic feet (ft^3), at a maximum depth of 24.5 feet from the street level, of which 53,000 ft^3 will be selected backfill and 7,000 ft^3 of modular soil reinforcement system known as Terramesh. No retaining walls will be installed. The project will also include the repaving of streets within the project area. No change of drainage patterns from existing conditions is proposed since no increase in stormwater runoff is expected in this project because the existing condition is already a 100% completely impermeable asphalt and structures that will be replaced by the new waterfront plaza project. The proposed project will drain the existing municipal stormwater system. Existing structures cover an area of approximately 13,359 square feet (ft^2) of impervious surfaces. The total project area, including streets and sidewalks, covers a footprint of 37,006 ft^2 (0.85 acres) and will have a waterfront length of approximately 440 feet. Areas to be impacted to the south of the street, where the existing structures are currently located, will cover 24,347 ft^2, which includes an estimated 10,040 ft^2 of impervious surfaces and 14,307 ft^2 of pervious surfaces. Overall, impervious areas will be reduced from the existing 13,359 ft^2 to 10,040 ft^2, which is an estimated 24.8% reduction. The project areas are located entirely within the floodway. As a waterfront park, the project meets the criteria of a functionally dependent use, as defined in 24 CFR 55.2(b)(7) and is eligible for HUD assistance. The project is located directly adjacent to a riverine wetland. The boundary between the wetland and the project is a strip of existing grade soil that will not be perturbed. It has been determined by the design that the proposed activities will take place above the measured and calculated Ordinary High-Water Mark, thus work will be performed above and outside the riverine wetland. Best management practices including erosion and sedimentation controls will be used to avoid potential impacts to the riverine wetland. The project will maintain the natural and beneficial values of the floodplain and wetland including floodwater discharge, erosion control, water quality control, and flora and fauna habitat, and will improve recreational and cultural values.

There are three primary purposes for this notice. First, people who may be affected by activities in the floodplain and wetland and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Commenters are encouraged to offer alternative sites outside of the floodplain and wetland, alternative methods to serve the same project purpose, and methods to minimize and mitigate project impacts on the floodplain and wetland. Second, an adequate public notice program can be an important public educational tool. The dissemination of information and request for public comments about floodplains and wetlands can facilitate and enhance Federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in the floodplain and wetland, it must inform those who may be put at greater or continued risk.

Written comments must be received by PRDOH at the following address on or before **May 31, 2025**: Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918-8461, and (787)274-2527 ext. 4320, Attention: Gary Y. Pérez-Peña, Secretary. A full description of the project may also be reviewed from 8:30 am to 4:00 pm at the Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918. Comments may also be submitted via email at comentariosambiental@vivienda.pr.gov.

Date: **May 16, 2025**

manda y dicte Sentencia a su favor declarando Ha Lugar todas sus alegaciones contenidas en la Demanda y se dicte Sentencia en cobro de dinero y ejecución de hipoteca a su favor, y Ordene a la Secretaría del Tribunal que expida Mandamiento al Registrador de la Propiedad y al Alguacil a tales efectos. POR MEDIO DEL PRESENTE EDICTO se le emplaza, se le notifica que una demanda ha sido presentada en su contra y se le requiere que conteste la misma dentro de (30) días siguientes a la publicación de este Edicto, radicando el original de contestación de la misma ante el Sistema Unificado de Manejo y Administración de Caso (SUMAC) presentada electrónicamente mediante https://tribunalelectronico.ramajudicial.pr/sumac2018/ y notificandole con copia fiel al/la la representante legal de la parte Demandante por conducto de su representación legal: Lcda. Lizzie Medina Coris, a la siguiente dirección postal: #450 Ave. De la Constitución Suite 200 San Juan, P.R. 00901. teléfono (787) 679-7194; lizzie@lmclegalservices.com Se le apercibe que, de no hacerlo, se podrá dictar Sentencia en rebeldía concediendo el remedio solicitado en la demanda, sin citarle ni oirle más. EXTENDIDO BAJO MI FIRMA Y EL SELLO DEL TRIBUNAL, En San Juan, Puerto Rico, hoy 6 de mayo de 2025. GRISELDA RODRIGUEZ COLLADO Secretario(a) del Tribunal LUZ ENID FERNANDEZ DEL VALLE POR: Secretario(a) Auxiliar

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LB-5349 ESTADO LIBRE ASOCIADO DE PUERTO RICO TRIBUNAL DE PRIMERA INSTANCIA CENTRO JUDICIAL DE AGUADILLA SALA SUPERIOR DE AGUADILLA

JACQLIX JOMAYRA VEGA
Demandante
v.
JESUS ANTONIO VAZQUEZ ORTIZ
Demandado(a)

Caso Núm.: AG2024RF00248 (SALÓN 404 RF) Sobre: PATRIA POTESTAD - PRIVACIÓN, SUSPENSIÓN O RESTRICCIÓN CARLOS A CRESPO BADILLO CRESPO35_CA@HOTMAIL.COM NOTIFICACIÓN DE SENTENCIA POR EDICTO (Nombre de las partes que se le notifican la sentencia por edicto) JESUS ANTONIO VAZQUEZ ORTIZ A: 303 S. 17 TH STREET, ALLENTOWN, PENNSYLVANIA ESTADOS UNIDOS 18104 EL SECRETARIO(A) que suscribe le notifica a usted que el 06 DE MAYO DE 2025, este Tribunal ha dictado Sentencia, Sentencia Parcial o Resolución en este caso, que ha sido debidamente registrada y archivada en autos donde podrá usted enterarse detalladamente de los términos de la misma. Esta notificación se publicará una sola vez en un periódico de circulación general en la Isla de Puerto Rico, dentro de los 10 días siguientes a su notificación. Y, siendo o representando usted una parte en el procedimiento sujeta a los términos de la Sentencia, Sentencia Parcial o Resolución, de la cual puede establecerse recurso de revisión o apelación dentro del término de 30 días contados a partir de la publicación por edicto de esta notificación, dirijo a usted esta notificación que se considerará hecha en la fecha de la publicación de este edicto. Copia de esta notificación ha sido archivada en los autos de este caso, con fecha de 07 de MAYO de 2025 En AGUADILLA , Puerto Rico, el 07 de MAYO de 2025 SARAHI REYES PEREZ Nombre del (de la) Secretario(a) f/LISSY S. MATIAS VEGA Nombre y Firma del (de la) Secretario(a) Auxiliar del Tribunal OAT 686 Notificación de Sentencia por Edicto (Rev. agosto 2011) www.poderjudicial.pr

LB-5360 ESTADO LIBRE ASOCIADO DE PUERTO RICO TRIBUNAL DE PRIMERA INSTANCIA SALA SUPERIOR DE CAROLINA

FIRSTBANK PUERTO RICO
Demandante
V
INIABEL VANESSA ALVAREZ MONZON T/C/C INEABEL VANESSA ALVAREZ MONZON

CIVIL NUM.CA2025CV00724 (404) SOBRE EJECUCIÓN DE HIPOTECA (IN REM) EMPLAZAMIENTO POR EDICTO ESTADOS UNIDOS DE AMÉRICA, El Presidente de los Estados Unidos El Estado Libre Asociado de Puerto Rico A: INIABEL VANESSA ÁLVAREZ MONZÓN t/c/c INEABEL VANESSA ÁLVAREZ MONZÓN Urbanización River Valley Park t/c/c Urbanización River Villas, Solar 11 Bloque A, Canóvanas, PR 00729; P.O. Box 2060 Canóvanas, PR 00729-2060 POR LA PRESENTE, se les emplaza por edicto para que presente al tribunal su alegación responsiva dentro de los TREINTA (30) días de haber sido publicado este emplazamiento, excluyéndose el día de la publicación. Usted deberá presentar su alegación responsiva a través del Sistema Unificado de Manejo y Administración de Casos (SUMAC), al cual puede acceder utilizando la siguiente dirección electrónica: https://unired.ramajudicial.pr, salvo que se represente por derecho propio, en cuyo caso deberá presentar su alegación responsiva en la secretaría del tribunal. Si usted deja de presentar su alegación responsiva dentro del referido término, el tribunal podrá dictar sentencia en rebeldía en su contra y conceder el remedio solicitando en la DEMANDA, o cualquier otro, si el tribunal, en el ejercicio de su sana discreción, lo entiende procedente. Debe notificar copia de la alegación responsiva a la abogada de la parte demandante: LCDA. MARYSOL LÓPEZ GONZÁLEZ; RUA 12633 Suite 1822, Banco Popular Center 209 Muñoz Rivera Ave. San Juan, PR 00918-1009 Tel. (787) 765-2988; Fax (787) 765-2973 mlopez@sarlaw.com Expedido bajo mi firma y sello del Tribunal de Primera Instancia, Sala Superior de Carolina, hoy día 15 de mayo de 2025. Lcda. Kanelly Zayas Robles Nombre Secretario(a)Regional Firma Secretario(a) Rosa M. Viera Velázquez Nombre Sub-Secretario(a)Aux. Firma Sub-Secretario(a)

SS-23180 ESTADO LIBRE ASOCIADO DE PUERTO RICO TRIBUNAL DE PRIMERA INSTANCIA SALA DE CAGUAS

FRANKLIN CREDIT MANAGEMENT CORPORATION COMO ADMINISTRADOR DE DEUTSCHE BANK NATIONAL TRUST COMPANY, FIDEICOMISARIO DE BOSCO CREDIT II TRUST SERIES 2017-1
Parte Demandante
Vs.
MODESTO REYES AVILÉS, NORMA LISSETTE GONZÁLEZ COTTO Y LA SOCIEDAD LEGAL DE BIENES GANANCIALES POR ELLOS COMPUSTA
Parte Demandada

CIVIL NÚM. E CD2012-0761(402) SOBRE:

Guzman, Mildred

From: Guzman, Mildred
Sent: Friday, May 16, 2025 10:48 AM
To: Brian.J.Schlosnagle@hud.gov; Caribbean_es@fws.gov; Lourdes_Mena@fws.gov; vivian.gerena@usace.army.mil; nelson.r.colon@usace.army.mil; cesaa-cco@usace.army.mil; Rivera_r1@jp.pr.gov; comentariosjp@jp.pr.gov; Noah.Silverman@noaa.gov; nmfs.ser.esa.consultations@noaa.gov; FEMA-R4EHP@fema.dhs.gov; carubio@prshpo.pr.gov; comunicaciones@ddec.pr.gov; Rodriguez.elias@epa.gov; Guerrero.carmen@epa.gov; secretario@ddec.pr.gov; jannira.colon@ddec.pr.gov; pmzc@drna.pr.gov; eortega@drna.pr.gov; ayudaciudadano@drna.pr.gov; waldemar.quiles@drna.pr.gov; comentariosambiental@vivienda.pr.gov
Subject: Public Notice: Step 2- Early Notice and Public Review of a Proposed Activity in the 100-Year Floodplain PRDOH Case PR-CRP-000570 Comerio
Attachments: PR-CRP-000570 Comerio Step2 publcation 2025.05.16.pdf

Concerned agencies,

Enclosed please find a **Public Notice- Early Notice and Public Review of a Proposed Activity in the 100-Year Floodplain** the Puerto Rico Department of Housing (as the Responsible Entity) published as part of HUD's requirements for the release of CDBG-DR funds to undertake the project Waterfront Park (PR-CRP-000570). The Early Notice was published in the El Vocero newspaper of Puerto Rico today, May 16, 2025.

Respectfully,

Mildred M Guzmán-Zavala PE*, REM, MEM | Environmental Specialist- Env. Engineer
(787) 462-4980 mobile | mildred.guzman@icf.com | Las Vistas Shopping Village, 300 Ave Dona Felisa Rincón - Ste 31, San Juan PR 00926-5970 | icf.com
**Professional Engineer registered in Puerto Rico*

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DEPARTMENT OF
HOUSING
GOVERMENT OF PUERTO RICO

CDBG-DR FUNDS
CDBG-MIT FUNDS

Validation Letter

June 3, 2025

To whom it may concern,

This letter is to validate that no comments were received in the Permits and Environmental Compliance Division e-mail: comentariosambiental@vivienda.pr.gov, for the project **Waterfront Park (PR-CRP-000570)**, as part of the CDBG-DR City Revitalization Program. The Early Notice and Public Review of a Proposed Activity in a Floodplain and Wetland was published in the *El Vocero* newspaper of Puerto Rico on May 16, 2025, with a comment period that concluded on May 31, 2025.

Cordially,

Permits and Environmental Compliance Division
Disaster Recovery Office
comentariosambiental@vivienda.pr.gov | 787.274.2527 ext. 4320

From: Kenneth M. Garcia-De Leon
To: CDBG - Comentarios Ambiental
Subject: RE: Comentarios - Aviso Preliminar - PR-CRP-000570
Date: Tuesday, June 3, 2025 11:07:06 AM
Attachments: image001.png
image002.png

Saludos:

Por correo postal no llegaron comentarios para mencionado proyecto.

Cordialmente,

Kenneth M. García de León
Especialista en Control de Documentos | Operaciones
Oficina de Recuperación de Desastres
kgarcia@vivienda.pr.gov | 787-274-2527 Ext. 4013
Visítanos: recuperacion.pr.gov
Contáctanos: infocdbg@vivienda.pr.gov

DEPARTAMENTO DE LA VIVIENDA
GOBIERNO DE PUERTO RICO

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From: CDBG - Comentarios Ambiental <comentariosambiental@vivienda.pr.gov>
Sent: Tuesday, June 3, 2025 11:06 AM

To: Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov>
Subject: Comentarios - Aviso Preliminar - PR-CRP-000570

Saludos Kenneth,

Con respecto a la publicación del Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un valle inundable y humedal (Paso 2) para el proyecto ***Waterfront Park*** **(PR-CRP-000570)**, ¿habrá llegado algún comentario a través del correo postal? De ser así, por favor nos lo hace llegar.

Cordialmente,

PERMITS AND ENVIRONMENTAL COMPLIANCE DIVISION
Disaster Recovery Office
comentariosambiental@vivienda.pr.gov | 787.274.2527
Visit us: recuperacion.pr.gov
Contact us: infocdbg@vivienda.pr.gov

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Attachment F: Final Floodplain Notice

PUBLIC NOTICE

DEPARTMENT OF HOUSING
GOVERNMENT OF PUERTO RICO

FINAL NOTICE

and Public Explanation of a Proposed Activity in a Floodplain and Wetland

Waterfront Park
PR-CRP-000570

To: All Interested Agencies, Groups & Individuals

This is to give notice that the Puerto Rico Department of Housing (PRDOH) has conducted an evaluation as required by Executive Order 11988 and Executive Order 11990, in accordance with HUD regulations at 24 CFR 55.20 in Subpart C - Procedures for Making Determinations on Floodplain Management and Wetlands Protection. The activity is funded under the City Revitalization Program, Community Development Block Grant – Disaster Recovery (CDBG-DR), Grant Number B-17-DM-72-0001 and B-18-DP-72-0001. The proposed project, PR-CRP-000570, is located at the Georgetti Street (PR-156) between Km. 31.7 to Km. 31.8, Comerío, PR 00782; coordinates from 18.217217°, -66.227594° to 18.217459°, -66.226376°, and is located within the floodplain and adjacent to a wetland. The project consists in the creation of a waterfront park which will require the acquisition and demolition of seven (7) privately owned structures, the partial demolition of one of these structures, preserving only its historic façade, and the demolition of a municipally owned parking area. It will also require curb demolition along the street, selective removal of vegetation along the project area perimeter, and earthworks including excavation and fill. A new recreational area will include sidewalks, planters, observation decks, new lighting fixtures, tile and floor finishes, benches, trash receptacles, concrete ramps, aluminum handrails, bicycle racks, traffic signage, landscaping, and reconditioning of the façade of a historic building, which will be provided with structural supports to remain in place. To complete the layout, the following activities will be performed for compliance with the Americans with Disabilities Act (ADA): new pedestrian crosswalks and accessibility ramps will be constructed in the streets leading to the Georgetti Street (PR-156) at the intersections of Agapito Dávila Street, Progreso Street, José Vega Street and Luis Muñoz Rivera Street, sidewalk reconstruction at both sides of the aforementioned streets and the Georgetti Street, and elevated pedestrian crosswalks-speed tables will connect the waterfront area with the north street sidewalks. As an essential component of the project, areas occupied by existing structures will be filled to stabilize the exposed slope and to serve as the base for the new recreational park. The fill volume is estimated at 60,000 cubic feet (ft3), at a maximum depth of 24.5 feet from the street level, of which 53,000 ft3 will be selected backfill and 7,000 ft3 of modular soil reinforcement system known as Terramesh. No retaining walls will be installed. The project will also include the repaving of streets within the project area. No change of drainage patterns from existing conditions is proposed since no increase in stormwater runoff is expected in this project, because the existing condition is already a 100% impermeable asphalt and the structures will be replaced by the new waterfront project. The proposed project will drain into the existing municipal stormwater system. Existing structures cover an area of approximately 13,359 square feet (ft2) of impervious surfaces. The total project area, including streets and sidewalks, covers a footprint of 37,006 ft2 (0.85 acres) and will have a waterfront length of approximately 440 feet. Areas to be impacted to the south of the street, where the existing structures are currently located, will cover 24,347 ft2, which includes an estimated 10,040 ft2 of impervious surfaces and 14,307 ft2 of pervious surfaces. Overall, impervious areas will be reduced from the existing 13,359 ft2 to 10,040 ft2, which is an estimated 24.8% reduction. The project areas are located entirely within the floodway. As a waterfront park, the project meets the criteria of a functionally dependent use, as defined in 24 CFR 55.2(b)(7) and is eligible for HUD assistance. The project is located directly adjacent to a riverine wetland. The boundary between the wetland and the project is a strip of existing grade soil that will not be perturbed. It has been determined by the design that the proposed activities will take place above the measured and calculated Ordinary High-Water Mark, thus work will be performed above and outside the riverine wetland. Best management practices including erosion and sedimentation controls will be used to avoid potential impacts to the riverine wetland. The project will maintain the natural and beneficial values of the floodplain and wetland including floodwater discharge, erosion control, water quality control, and flora and fauna habitat, and it will improve recreational and cultural values.

PRDOH has considered the following alternatives and mitigation measures to minimize adverse impacts and to restore and preserve natural and beneficial functions and intrinsic values of the existing floodplain and wetland: (1) locate the project within the floodplain and wetland, (2) locate the project outside the floodplain and wetland, (3) alternative methods to serve the project objective, and (4) take no action. Selecting another project location outside of the floodplain is not a practicable alternative because this could potentially relocate the project outside of the urban center and limit accessibility to low- and moderate-income residents. Additionally, this would require moving the project away from the Río La Plata, which is an essential component of this project as a waterfront park. A park at another location would not have the same appeal and create the same potential for economic growth as a waterfront park in the urban center. Also, selecting a location outside of the floodplain would result in the streets, sidewalks, seven dilapidated residential and commercial buildings, and the historic façade being left in their current deteriorated condition. Alternative methods to the project were considered but limited to: moving the project upstream or downstream of the proposed location, shifting project features away from the floodway and toward higher ground, and elevating walkways and platforms above street level to allow flood waters to pass beneath; however, the alternatives were deemed impracticable in meeting the project's goals. The no-action alternative is not a practicable alternative because it would fail to revitalize the urban center in any way. There would be no improvements to buildings, sidewalks, landscaping, or roads, and there would be no new gathering and recreation place for residents and visitors to enjoy. Although the preferred alternative is locating the project within the floodplain, it is the only alternative that will meet the project goals and fit the criteria of the Program. Completing the project at the proposed location will provide a waterfront park for residents and visitors of Comerío's urban center to enjoy. PRDOH determined that to revitalize the Comerío urban center by creating a waterfront park intended to promote recreational, economic, and cultural development of the municipality, the project must be developed at the proposed location within the floodplain. Potential harm to the floodplain will be minimized by creating new green spaces, which will help improve stormwater conveyance and groundwater recharge. Additionally, the removal of the seven buildings described above will reduce obstructions in the path of floodwater movement and reduce risk to lives of occupants. Other natural and beneficial values of the floodplain will be maintained by the proposed project. Standard construction best management practices including erosion and sedimentation controls will be used to avoid potential indirect impacts to the wetland. The project will comply with all applicable state and local floodplain and wetland protection procedures.

PRDOH has reevaluated the alternatives to building in the floodplain and adjacent to the wetland and has determined that it has no practicable alternative to floodplain and wetland development. Environmental files that document compliance with Executive Order 11988 and Executive Order 11990 are available for public inspection, review and copying upon request at the times and location delineated in the last paragraph of this notice for receipt of comments.

There are three primary purposes for this notice. First, people who may be affected by activities in the floodplain and wetland and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public education tool. The dissemination of information and request for public comments about floodplains and wetlands can facilitate and enhance Federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in the floodplain and adjacent the wetland, it must inform those who may be put at greater or continued risk.

Written comments must be received by the PRDOH at the following address on or before September 6, 2025 Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918-8461, and (787)274-2527 ext. 4320, Attention: Ciary Y. Pérez Peña, Secretary. A full description of the project may also be reviewed from 8:30 am to 4:00 pm at the Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918. Comments may also be submitted via email at comentariosambiental@vivienda.pr.gov.

Date: August 29, 2025

AVISO PÚBLICO

DEPARTAMENTO DE LA VIVIENDA
GOBIERNO DE PUERTO RICO

AVISO FINAL

y Explicación Pública de una Actividad Propuesta en un valle inundable y humedal

Waterfront Park
PR-CRP-000570

Para: Todas las agencias interesadas, grupos e individuos

Este aviso notifica que el Departamento de la Vivienda de Puerto Rico (Vivienda, en adelante) completó una evaluación según estipulado en la Orden Ejecutiva 11988 y Orden Ejecutiva 11990, en conformidad con las regulaciones de HUD en 24 CFR 55.20 en la Subparte C - Procedimientos para hacer determinaciones sobre el manejo del valle inundable y la protección de humedales. La actividad está subvencionada con fondos del Programa de Revitalización de la Ciudad, Subvención en Bloque para el Desarrollo Comunitario – Recuperación ante Desastres (CDBG-DR), número de subvención B-17-DM-72-0001 y B-18-DP-72-0001. El proyecto propuesto, PR-CRP-000570, se encuentra dentro de un municipio que sufrió daños debido a los huracanes Irma y María, y está localizado en la calle Georgetti (PR-156) entre el km 31.7 al km 31.8, Comerío, PR 00782; coordenadas desde 18.217217°, -66.227594° hasta 18.217459°, -66.226376°, y está ubicado dentro de un valle inundable y adyacente a un humedal. El proyecto consiste en la creación de un parque frente al agua, el cual requerirá la adquisición y demolición de siete (7) estructuras de propiedad privada, la demolición parcial de una de estas estructuras, preservado solamente su fachada histórica, y la demolición de un área de estacionamiento de propiedad municipal. También se requerirá la demolición de los encintados a lo largo de la calle, la remoción selectiva de vegetación a lo largo del perímetro del proyecto, y movimiento de tierra, incluyendo excavación y relleno. Una nueva área recreativa incluirá aceras, jardineras, plataformas de observación, nuevas luminarias, acabados de baldosas y pisos, bancos, recipientes de basura, rampas de concreto, pasamanos de aluminio, racks para bicicletas, señalización vial, paisajismo y reacondicionamiento de la fachada de un edificio histórico, que contará con soportes estructurales para permanecer en su lugar. Para completar el diseño, se realizarán las siguientes actividades para cumplir con la Ley para estadounidenses con Discapacidades (ADA, por sus siglas en inglés): se construirán nuevos cruces peatonales y rampas de accesibilidad en las calles que conducen a la calle Georgetti (PR-156) en las intersecciones calle Agapito Dávila, calle Progreso, calle José Vega y calle Luis Muñoz Rivera, reconstrucción de aceras en ambos lados de las calles mencionadas y de la calle Georgetti, y cruces peatonales elevados con reductores de velocidad conectarán el área frente al agua con las aceras de la calle norte. Como componente esencial del proyecto, se rellenarán las áreas ocupadas por estructuras existentes para estabilizar la pendiente expuesta y servir de base para el nuevo parque recreativo. El volumen de relleno se estima en 60,000 pies cúbicos (ft3), a una profundidad máxima de 24.5 pies desde el nivel de la calle, de los cuales 53,000 ft3 será de relleno seleccionado y 7,000 ft3 de un sistema modular de refuerzo de suelo conocido como Terramesh. No se instalarán muros de contención. El proyecto también incluirá el repavimentado de calles dentro del área del proyecto. No se considera ningún cambio en los patrones de drenaje existentes ya que no se espera un aumento en la escorrentía de aguas pluviales en este proyecto porque la condición existente ya es un asfalto 100% impermeable y las estructuras serán reemplazadas por el nuevo proyecto frente al agua. El proyecto propuesto drenará el sistema municipal existente de aguas pluviales. Las estructuras existentes cubren un área de aproximadamente 13,359 pies cuadrados (ft2) de superficies impermeables. El área total del proyecto, incluyendo calles y aceras, cubre una huella de 37,006 ft2 (0.85 acres) y tendrá una longitud frente al agua de aproximadamente 440 pies. Las áreas que se verán afectadas al sur de la calle, donde actualmente se encuentran las estructuras existentes, cubrirán 24,347 ft2, lo que incluye aproximadamente 10,040 ft2 de superficies impermeables y 14,307 ft2 de superficies permeables. En general, las áreas impermeables se reducirán de los 13,359 ft2 existentes a 10,040 ft2, lo que representa una reducción de 24.8%. Las áreas del proyecto están ubicadas completamente dentro del cauce mayor. Como parque frente al agua, el proyecto cumple con los criterios de uso funcionalmente dependiente, según se define en 24 CFR 55.2(b)(7) y es elegible para la asistencia de HUD. El proyecto está ubicado directamente adyacente a un humedal ribereño. El límite entre el humedal y el proyecto es una franja de suelo existente que no se verá afectada. El diseño ha determinado que las actividades propuestas se realizarán por encima de la Marca Ordinaria de Agua Alta, por lo tanto, el trabajo se realizará por encima y fuera del humedal ribereño. Se utilizarán las mejores prácticas de manejo, incluyendo control de la erosión y sedimentación, para evitar posibles impactos en el humedal ribereño. El proyecto mantendrá los valores naturales y beneficiosos del valle inundable y humedal, incluyendo la descarga de aguas de inundación, control de erosión, control de calidad de agua y hábitat de flora y fauna, y mejorará los valores recreativos y culturales.

Vivienda consideró las siguientes alternativas y medidas de mitigación para minimizar los impactos adversos y restaurar y preservar las funciones naturales y beneficiosas, y los valores intrínsecos del valle inundable y humedal existente: (1) ubicar el proyecto dentro del valle inundable y humedal, (2) ubicar el proyecto fuera del valle inundable y humedal, (3) métodos alternativos para alcanzar el objetivo del proyecto, y (4) no tomar ninguna medida. Seleccionar otra ubicación del proyecto fuera del valle inundable no es una alternativa práctica ya que requeriría trasladar el proyecto fuera del centro urbano y limitar el acceso a los residentes de bajos y medianos ingresos. Además, esto requeriría alejar el proyecto del Río La Plata, que es un componente esencial de este proyecto como un parque frente al agua. Un parque en otra ubicación no tendría el mismo atractivo y no generaría el mismo potencial de crecimiento económico que un parque frente al agua en el centro urbano. También, seleccionar una ubicación fuera del valle inundable resultaría en que las calles, aceras, siete edificios residenciales y comerciales en ruinas, y la fachada histórica quedaran en su estado deteriorado actual. Se consideraron métodos alternativos al proyecto, pero se limitaron a: mover el proyecto aguas arriba o aguas abajo de la ubicación propuesta, desplazar las características del proyecto desde la zona de inundación hacia terrenos más altos, elevar los paseos y plataformas por encima del nivel de la calle para permitir que las aguas de la inundación pasen por debajo; sin embargo, las alternativas se consideraron impracticables para alcanzar los objetivos del proyecto. La alternativa de no acción no es viable porque no revitalizaría el centro urbano de ninguna manera. No se realizarían mejoras en edificios, aceras, paisajismo ni carreteras, y no habría un nuevo lugar de reunión y recreación para que los residentes y visitantes disfruten. Aunque la alternativa preferida es ubicar el proyecto dentro del valle inundable, es la única alternativa que cumplirá con los objetivos del proyecto y los criterios del Programa. La finalización del proyecto en la ubicación propuesta proporcionará un parque frente al agua para el disfrute de los residentes y visitantes del centro urbano de Comerío. Vivienda determinó que, para revitalizar el centro urbano de Comerío mediante la creación de un parque frente al agua destinado a promover el desarrollo recreativo, económico y cultural del municipio, el proyecto debe desarrollarse en la ubicación propuesta dentro del valle inundable. El daño potencial al valle inundable se minimizará mediante la creación de nuevos espacios verdes, lo que ayudará a mejorar el transporte de aguas pluviales y la recarga de acuíferos. Además, la eliminación de los siete edificios descritos anteriormente reducirá las obstrucciones en el flujo del agua de inundación y reducirá el riesgo a la vida de los ocupantes. Otros valores naturales y beneficiosos del valle inundable se preservarán por el proyecto propuesto. Se aplicarán las mejores prácticas de construcción, incluyendo el control de la erosión y la sedimentación, para evitar posibles impactos indirectos en el humedal. El proyecto cumplirá con todos los procedimientos estatales y locales aplicables para la protección del valle inundable y humedal.

Vivienda reevaluó las alternativas para construir en el valle inundable y adyacente al humedal y determinó que no cuenta con alternativas prácticas al desarrollo del valle inundable y humedal. La documentación ambiental que documenta el cumplimiento con la Orden Ejecutiva 11988 y Orden Ejecutiva 11990 está disponible para inspección, revisión y reproducción del público, de ser solicitado, en el horario y lugar indicado en el último párrafo de este aviso, el cual trata sobre recibo de comentarios.

Este aviso tiene tres propósitos principales. Primero, las personas que pueden verse afectadas por actividades en el valle inundable y humedal y aquellos que tengan interés en la protección del ambiente natural deben recibir la oportunidad de expresar sus preocupaciones y proveer información sobre estas áreas. Segundo, un programa adecuado de avisos públicos puede ser una importante herramienta de educación pública. La divulgación de información y solicitud de comentarios públicos sobre valles inundables y humedales puede facilitar y mejorar los esfuerzos federales para reducir los riesgos e impactos asociados con la ocupación y alteración de estas áreas especiales. Tercero, como materia de justicia, cuando el gobierno federal determina participar en acciones ubicadas en el valle inundable y adyacente al humedal, debe informárselo a quienes puedan ser expuestos a un riesgo mayor o similar al presente.

Comentarios por escrito deben ser recibidos por Vivienda en la siguiente dirección en o antes del 6 de septiembre de 2025 al Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918-8461, y (787)274-2527 ext. 4320, Atención: Ciary Y. Pérez Peña, Secretaria. Una descripción completa del proyecto está disponible al público para revisión de 8:30 a.m. a 4:00 p.m. en el Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918. Los comentarios también pueden enviarse por correo electrónico a comentariosambiental@vivienda.pr.gov.

Fecha: 29 de agosto de 2025

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Guzman, Mildred

From: Guzman, Mildred
Sent: Friday, August 29, 2025 9:36 AM
To: 'Brian.J.Schlosnagle@hud.gov'; 'Caribbean_es@fws.gov'; 'Lourdes_Mena@fws.gov'; 'vivian.gerena@usace.army.mil'; 'nelson.r.colon@usace.army.mil'; 'cesaa-cco@usace.army.mil'; 'Rivera_r1@jp.pr.gov'; 'comentariosjp@jp.pr.gov'; 'Noah.Silverman@noaa.gov'; 'nmfs.ser.esa.consultations@noaa.gov'; 'FEMA-R4EHP@fema.dhs.gov'; 'carubio@prshpo.pr.gov'; 'comunicaciones@ddec.pr.gov'; 'Rodriguez.elias@epa.gov'; 'Guerrero.carmen@epa.gov'; 'secretario@ddec.pr.gov'; 'jannira.colon@ddec.pr.gov'; 'pmzc@drna.pr.gov'; 'eortega@drna.pr.gov'; 'ayudaciudadano@drna.pr.gov'; 'waldemar.quiles@drna.pr.gov'; 'comentariosambiental@vivienda.pr.gov'
Subject: Public Notice- Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain PRDOH Case PR-CRP-000570 Comerio
Attachments: PR-CRP-000570 Comerio Step 7 Publication 2025.08.29.pdf

Importance: High

Concerned agencies,

Enclosed please find a **Public Notice- Final Notice and Public Explanation of a Proposed Activity in a 100-year Floodplain** the Puerto Rico Department of Housing (as the Responsible Entity) published as part of HUD's requirements for the release of CDBG-DR funds to undertake the project *Waterfront Park* (PR-CRP-000570). The Final Notice was published in the *Primera Hora* newspaper of Puerto Rico today, August 29, 2025.

Respectfully,

Mildred M Guzmán-Zavala PE*, REM, MEM | Environmental Specialist- Env. Engineer
(787) 462-4980 mobile | mildred.guzman@icf.com | Las Vistas Shopping Village, 300 Ave Dona Felisa Rincón - Ste 31, San Juan PR 00926-5970 | icf.com
**Professional Engineer registered in Puerto Rico*

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DEPARTMENT OF
HOUSING
GOVERMENT OF PUERTO RICO

CDBG-DR FUNDS
CDBG-MIT FUNDS

Validation Letter

September 9, 2025

To whom it may concern,

A comment was received through the Permits and Environmental Compliance Division e-mail: comentariosambiental@vivienda.pr.gov, for the project **Waterfront Park (PR-CRP-000570)**, as part of the CDBG-DR City Revitalization Program, on September 2, 2025 by the USFWS Caribbean Ecological Services Field Office. The email received requested additional information about the project, including the Environmental Assessment and all related documents if available. As a response, the 8-Step Decision Making Process approved by the Certifying Officer was provided on September 2, 2025. The Final Notice and Public Explanation of a Proposed Activity in a Floodplain and Wetland was published in the *Primera Hora* newspaper of Puerto Rico on August 29, 2025, with a comment period that concluded on September 6, 2025.

Cordially,

Permits and Environmental Compliance Division
Disaster Recovery Office
comentariosambiental@vivienda.pr.gov | 787.274.2527 ext. 4320

From:	CDBG - Comentarios Ambiental
To:	Caribbean_es@fws.gov
Cc:	Brian.J.Schlosnagle@hud.gov; Lopez, Felix; Aldo A. Rivera-Vazquez; Angel G. Lopez-Guzman; Monica Machuca-Rios; Guzman, Mildred
Subject:	RE: [EXTERNAL] Public Notice- Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain PRDOH Case PR-CRP-000570 Comerio
Date:	Tuesday, September 2, 2025 5:02:51 PM
Attachments:	image001.png image006.png

To whom it may concern,

We acknowledge receipt of your comment.

As requested, attached please find the 8-Step Decision Making Process which includes the project's maps and Step 2 Early Notice publication.

PR-CRP-000570 8-Step Decision Making Process_CO 2025.08.08.pdf

Cc to this email is Mónica Machuca, which is the designated Certifying Officer for this specific case.

Should you have any other questions or concerns, please don't hesitate to reach back to us.

Sincerely,

PERMITS AND ENVIRONMENTAL COMPLIANCE DIVISION
Disaster Recovery Office
comentariosambiental@vivienda.pr.gov | 787.274.2527
Visit us: recuperacion.pr.gov
Contact us: infocdbg@vivienda.pr.gov

DEPARTAMENTO DE LA
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From: Caribbean ES, FW4 <Caribbean_ES@fws.gov>
Sent: Tuesday, September 2, 2025 9:43 AM
To: Guzman, Mildred <Mildred.Guzman@icf.com>
Cc: Brian.J.Schlosnagle@hud.gov; Lopez, Felix <felix_lopez@fws.gov>
Subject: Re: [EXTERNAL] Public Notice- Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain PRDOH Case PR-CRP-000570 Comerio

Ms. Guzmán

This email is to acknowledge receipt of the referenced public notice. Can you please provide the Environmental Assessment (EA) and all documents related to the project if available.

Thanks in advanced.

Caribbean Ecological Services Field Office
(786) 244-0081
caribbean_es@fws.gov

For project evaluations, please visit our Consultation Guidelines website.

From: Guzman, Mildred <Mildred.Guzman@icf.com>
Sent: Friday, August 29, 2025 9:35 AM
To: Brian.J.Schlosnagle@hud.gov <Brian.J.Schlosnagle@hud.gov>; Caribbean ES, FW4 <Caribbean_ES@fws.gov>; Mena, Lourdes <Lourdes_Mena@fws.gov>; vivian.gerena@usace.army.mil <vivian.gerena@usace.army.mil>; nelson.r.colon@usace.army.mil <nelson.r.colon@usace.army.mil>; cesaa-cco@usace.army.mil <cesaa-cco@usace.army.mil>; Rivera_r1@jp.pr.gov <Rivera_r1@jp.pr.gov>; comentariosjp@jp.pr.gov <comentariosjp@jp.pr.gov>; Noah.Silverman@noaa.gov <Noah.Silverman@noaa.gov>; nmfs.ser.esa.consultations@noaa.gov <nmfs.ser.esa.consultations@noaa.gov>; FEMA-R4EHP@fema.dhs.gov <FEMA-R4EHP@fema.dhs.gov>; carubio@prshpo.pr.gov <carubio@prshpo.pr.gov>; comunicaciones@ddec.pr.gov <comunicaciones@ddec.pr.gov>; Rodriguez.elias@epa.gov <Rodriguez.elias@epa.gov>; Guerrero.carmen@epa.gov <Guerrero.carmen@epa.gov>; secretario@ddec.pr.gov <secretario@ddec.pr.gov>; jannira.colon@ddec.pr.gov <jannira.colon@ddec.pr.gov>; pmzc@drna.pr.gov <pmzc@drna.pr.gov>; eortega@drna.pr.gov <eortega@drna.pr.gov>; ayudaciudadano@drna.pr.gov <ayudaciudadano@drna.pr.gov>; waldemar.quiles@drna.pr.gov <waldemar.quiles@drna.pr.gov>; comentariosambiental@vivienda.pr.gov <comentariosambiental@vivienda.pr.gov>
Subject: [EXTERNAL] Public Notice- Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain PRDOH Case PR-CRP-000570 Comerio

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Concerned agencies,

Enclosed please find a **Public Notice- Final Notice and Public Explanation of a Proposed Activity in a 100-year Floodplain** the Puerto Rico Department of Housing (as the Responsible Entity) published as part of HUD's requirements for the release of CDBG-DR funds to undertake the project *Waterfront Park* (PR-CRP-000570). The Final Notice was published in the *Primera Hora* newspaper of Puerto Rico today, August 29, 2025.

Respectfully,

Mildred M Guzmán-Zavala PE*, REM, MEM | Environmental Specialist- Env. Engineer
(787) 462-4980 mobile | mildred.guzman@icf.com | Las Vistas Shopping Village, 300 Ave Dona Felisa Rincón - Ste 31, San Juan PR 00926-5970 | icf.com
**Professional Engineer registered in Puerto Rico*

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From: Kenneth M. Garcia-De Leon
To: CDBG - Comentarios Ambiental
Subject: RE: Comentarios - Aviso Final - PR-CRP-000570
Date: Tuesday, September 9, 2025 10:21:04 AM
Attachments: image002.png
image001.png

Saludos:

Por correo postal no llegaron comentarios para mencionado proyecto.

Cordialmente,

Kenneth M. García de León
Especialista en Control de Documentos | Operaciones
Oficina de Recuperación de Desastres
kgarcia@vivienda.pr.gov | 787-274-2527 Ext. 4013
Visítanos: recuperacion.pr.gov
Contáctanos: infocdbg@vivienda.pr.gov

DEPARTAMENTO DE LA
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From: CDBG - Comentarios Ambiental <comentariosambiental@vivienda.pr.gov>
Sent: Tuesday, September 9, 2025 10:16 AM
To: Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov>
Subject: Comentarios - Aviso Final - PR-CRP-000570

Saludos Kenneth,

Con respecto a la publicación del Aviso Final y Explicación Pública de una Actividad Propuesta en un valle inundable y humedal (Paso 7) para el proyecto ***Waterfront Park*** **(PR-CRP-000570)**, ¿habrá llegado algún comentario a través del correo postal? De ser así, por favor nos lo hace llegar.

Cordialmente,

PERMITS AND ENVIRONMENTAL COMPLIANCE DIVISION
Disaster Recovery Office
comentariosambiental@vivienda.pr.gov | 787.274.2527
Visit us: recuperacion.pr.gov
Contact us: infocdbg@vivienda.pr.gov

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Attachment 11
Historic
Preservation

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

April 30, 2024

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

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

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

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

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

Cordially,

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

July 16, 2025

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

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

Section 106 NHPA Effect Determination Submittal for PR-CRP-000570, Waterfront Park, Comerío, 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, PRDOH contracted Horne Federal, LLC (HORNE) to provide environmental records review services that will support their objectives for the CDBG-DR funds.

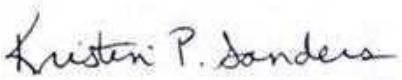
On behalf of PRDOH, HORNE is submitting documentation for the proposed Waterfront Park project located within the Comerío Traditional Urban Center. The Municipality Comerío proposes to renovate an area south of PR-156 and north of the Río de la Plata area into a recreational area. The project will require the demolition of seven buildings, which are in imminent danger of

collapse. The project activities will also include soil stabilization, lighting, repavement of streets, sidewalk improvements, and parking. The full scope of the project is described in the submitted documentation, which includes mapping, photographs, and the 90% design drawings.

Based on the documentation provided, the Program requests a concurrence with a determination that "**No Adverse Effect**" is appropriate for this undertaking.

If you have any questions or concerns, please contact me by email at kristin.sanders@horne.com or phone at 225-276-2109.

Kindest regards,



Kristin P. Sanders
Historic Preservation Manager

Attachments

PR-CRP-000570
Waterfront Park Project
Comerío, Puerto Rico

Section 106 Effect Determination Form

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Project Location: Georgetti Street, Kilometer 0.03 – Kilometer 31.7, Kilometer 31.8, Comerío, Puerto Rico
Project Coordinates: located at Georgetti Street (PR-156) between Km 31.7 to Km. 31.8; coordinates from 18.217217°, -66.227594° to 18.217459°, -66.226376°.
TPID (Número de Catastro): Cadasters of Acquisitions: 222-094-037-55-001; 222-094-037-54-001; 222-094-037-53-001; 222-094-037-50-001; 222-094-037-49-802; 222-094-037-48 PN; 222-094-037-47-001; and 222-094-037-46-000. (The letters "PN" after a cadaster number refer to the Plot Number (*número de parcela*) provided by the Centro de Recaudación de Ingresos Municipales [CRIM]). Cadasters of properties owned by the Comerío Municipality: 222-094-037-51-001; 222-094-037-52-001; 222-094-037-77-001; 222-094-037-76-001; and 222-094-037-44-802. Agapito Dávila, Progreso, José Vega, Muñoz Rivera Street, and Georgetti (PR-156) Streets

Project Type:	**Type of Undertaking:**
☐ Building ☒ Plaza ☒ Streets and/or pedestrian facilities ☐ Utilities ☐ Park	☒ Rehabilitation/Repair ☒ Urban Renewal ☒ Demolition ☒ New Construction
Construction Date: Streets: 1st half of 19th century; Buildings and Sites: 20th century (varied dates)	**Property Size** (acres): 0.85 acres

SOI-Qualified Architect/Architectural Historian:	Berenice Sueiro-Vázquez, BArch Arleen Pabón-Charneco, PhD JD
Date Reviewed: April-July 2025	
SOI-Qualified Archaeologist:	Karen Anderson-Córdova, PhD
Date Reviewed: April-July 2025	
SOI-Qualified Reviewer	Carmen Marla López, MA
Date Reviewed: July 2025	

In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program is responsible for identifying historic properties listed in the National Register of Historic Places(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. It has been determined by the SOI-qualified professionals that the project undertaking does not conform to Stipulation II.A (Project Review – Programmatic Allowances) of the Section 106 Programmatic Agreement (PA) among FEMA, SHPO, and COR3, as amended (May 3, 2023).

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Project Description (Undertaking)[1]

The Comerío Municipality, assisted by the Puerto Rico Department of Housing (Departamento de la Vivienda de Puerto Rico) (PRDOH) and the Puerto Rico 2017 Disaster Recovery, CDBG-DR Program - City Revitalization Program (Programa de Revitalización de la Ciudad del Gobierno Federal) (CITY-REV), proposes to renovate a an area south of PR-156 and north of the Río de la Plata area (also known as Río La Plata), sited within its Traditional Urban Center (TUC), eligible for inclusion in the NRHP under Criteria A and C. (See Attachment 1: "Project Architectural Plans, Comerío, Puerto Rico – Drawing Plans 90% dated 1 October 2024.")

The Municipality plans a recreational area – to be known as the Waterfront Park – with the goal of rehabilitating this sector of the TUC. It is expected this recreational place will also help promote the development of the community's appreciation for its landscape and history. In a sense, it will be the first time a formal recreational relationship will be established between the river and the citizens. The proposed waterpark will be located in an area that at present includes several dilapidated former commercial and residential buildings, dating from varied dates during the 20th century. (See Table 1.) The proposed project will be located along Georgetti Street (PR-156) between Kilometers 31.7 and 31.8. This road is one of the main entrances/exits to the Municipality's TUC.[2] The site has an area of approximately 0.85 acres and the project will cover approximately 37,006 square feet. (See Figures 1 and 2.)

The project will require the demolition of seven buildings and an existing open air parking area (which occupies three lots). Several of these properties may have been contributing to the TUC. At present, they are in danger of collapsing. On 18 November 2024, the Comerío Municipal Legislature certified[3] these properties located on lots where the Waterfront Park will be constructed are in imminent danger of collapse, according to a letter dated 13 November 2024, from the project architect and structural engineer regarding the structural conditions of the properties.[4] (See Attachment 2.) The ruins of an old façade, dated to the end of the 19th century, will be part of the new arrangement (Cadaster Number 222-094-037-55-001). Only properties in

[1] Previous Section 106 NHPA Effect Determination Forms (EDFs) prepared by Mr Javish Muñiz Reyes and Mr Francisco Alvarado were reviewed and returned by the Program on the following dates: 23 October 2023; 13 November 2023; 5 February 2024; 5 May 2024; 23 July 2024; and 26 August 2024. The GM, in turn, reviewed and returned the EDF on 26 August 2024. The present EDF, prepared by Historical Compliance Consulting (HCC) for ICF, is a new document based on new methodology, as well as research and interpretative activities.

[2] The description of the project, measurements, and related information were provided to the HCC team by the designers on 17 June 2025. The information provided was edited by HCC.

[3] Comerío Municipality, "Ordenanza Número 5 Serie 2024-2025 de la Legislatura del Municipio Autónomo de Comerío, del Gobierno de Puerto Rico, para autorizar a la administración municipal a declarar como peligro inminente de colapso, estructuralmente inestables e inseguras para la ocupación humana, las propiedades a utilizarse en el proyecto 'Comerío Waterfront Park'; y para otros fines" (MS: Comerío, Puerto Rico, 18 November 2024).

[4] Engineer Arturo B Beale Cosio and Architect Eugenio M Ramírez Ballagas, Letter, "Recomendación para la demolición de las estructuras como parte del desarrollo del proyecto PR-CRP-000570 Waterfront en el Municipio de Comerío" (MS: San Juan, Puerto Rico, 13 November 2024).

danger of collapsing will be demolished. Their closeness to the river has negatively impacted their fabric and they pose serious safety concerns. Some of the properties are in the process of being acquired by the Municipality.

The Waterfront Park is designed in similar manner as a linear promenade featuring several plaza-like areas that will additionally serve as viewpoints for the visual enjoyment of the river and its landscape, as well as the TUC.

It is expected the insertion of the project to Comerío's TUC will encourage surrounding businesses to further develop and new ones planned for the sector.

Demolition Work

The following will be demolished:

1. Electrical Connections along Georgetti Street (PR-156).
   To be temporarily removed (if necessary); will be replaced once construction work is completed.
2. Georgetti Street (PR-156) Curbs
   To be demolished along the north sides of the street in order to enlarge the curbs from a width of 1 feet to 1 feet-6 inches. The same type of work will be carried out along all perpendicular streets on the north side of the project – Agapito Dávila, Progreso, José Vega, Luis Muñoz Rivera, and Georgetti (PR-156) Streets.
3. Sidewalk demolition and debris disposal.
4. Partial demolition of pavement of Georgetti (PR-156), Progreso, José Vega, and Luis Muñoz Rivera Streets.
5. Demolition and debris disposal of the following buildings:
   Two-story building (Cadaster Number 222-094-037-54-001).
   Two-story building (Cadaster Number 222-094-037-53-001).
   Two-story building (Cadaster Number 222-094-037-50-001).
   Two-story building (Cadaster Number 222-094-037-49-802).
   Two-story building (Cadaster Number 222-094-037-48-PN).[5]
   Two-story building (Cadaster Number 222-094-037-47-001).
   One-story building (Cadaster Number 222-094-037-46-000).
6. Removal of vegetation and debris as needed.

Construction Work

The Waterfront Park will be developed in two phases. Phase 1 includes work along the south boundary of the project within the Comerío TUC, including Georgetti Street (PR-156). Phase 2 includes all work to be carried out in the sections of the perpendicular streets that intersect PR-156 (Agapito Dávila, Progreso, José Vega, and Luis Muñoz Rivera Streets).

[5] The letters "PN" after a cadaster number refers to the plot number (*número de parcela*) provided by the CRIM.

1. Soil Stabilization

The land and/or sediments of the area encompassed by the project will be prepared for the installation of the Terramesh System by Maccaferri that will cover an area measuring approximately 60,000 cubic feet, at a maximum depth of 24.5 feet from street level, of which 53,000 cubic feet will be selected backfill and 7,000 cubic feet soil reinforcement system.

2. Stormwater

No change of drainage patterns or increase in stormwater runoff is expected. The project will drain to the existing municipal stormwater system.

3. Lighting Sytem

A new solar lighting system, complying with the CBDG-DR City Revitalizatiion Program requirements, will be installed along Georgetti Steet (PR-156) on both sides of the road, including the Waterfront Park proper. Garden lights will be installed to illuminate the sidewalks and the recreational areas. The number of poles installed by the Waterfront Park project will be 20 (Phase 1) and 10 in the sidewalks area (Phase 2).

4. Ruins of Building Façade (Cadaster Number 222-094-037-55-001)

Work will include cleaning, painting, and restoration of fabric. The façade will be structurally reinforced with steel columns with a concrete base, as well as beams. The accumulated soil at the back of the existing façade will be leveled and stabilized.

5. Repavement of Streets

The pavement of the streets will be partially replaced. Resurfacing of Georgetti Street (PR-156) will cover an area of approximately 6,630 square feet.

Two pedestrian crosswalks

In order to facilitate and protect pedestrians in the area and due to the number of vehicles that use the area, two speed tables were designed. One is located on Georgetti Street (PR-156), between Progreso and José Vega Streets, with approximate dimensions of 20 feet by 30 feet. The second one is located just in front of the façade that will be retained. This area is to serve as a drop off and will measure 15 feet wide by 81 feet long.

Sidewalks

As mentioned, sidewalks will be widened to meet Puerto Rico Highway and Transportation (PRHTA) minimum pedestrian circulation and ADA Compliance standards.

Concrete with smooth or broomed finish and color additives will be used to pave all pedestrian circulation areas.

The parking area parallel to Georgetti Street (PR-156) will be paved with a permeable material, such as concrete pavers.

Secondary Streets (Agapito Dávila, José Vega, Progreso, and Luis Muñoz Rivera Streets)

Sections of the Agapito Dávila, José Vega, Progreso, and Luis Muñoz Rivera Streets, approximately measuring 20 feet to 25 feet from Georgetti Street (PR-156) boundary line, will be paved.

Sidewalks

Will be extended between 6 inches and 12 inches from the original width, in order to meet the PRHTA requirements and ADA compliance.

ADA Compliant Ramps

Crossing ramps are proposed along secondary streets.

6. Waterfront Park

The Waterfront Park is subdivided into three areas.

As previously mentioned, the properties are framed by the south side of Comerio's TUC and the Río La Plata. (See Images 1 and 2.)





Images 1 and 2
North bank of the Río La Plata with the dilapidated properties to be demolished, Comerío, Puerto Rico.

The properties included in the project, as well as their addresses; latitudes and longitudes; cadaster numbers; approximate construction dates; categories (as per the NRHP); as well as the properties' NRHP status, and preservation treatment, are listed below. (See Table 1.)

TABLE 1
APE PROPERTIES INFORMATION

ID & CADASTER NUMBER	ADDRESS / LATITUDE & LONGITUDE	CONSTRUCTION DATE	CATEGORY	NRHP STATUS[6]	TREATMENT
A* 222-094-037-55-001	Georgetti Street #75; Latitude 18.2173917 / Longitude 66.226425	turn of the 19th century	Site Ruins of a building	Application of Appendix C of the Programmatic Agreement	Work will include cleaning, painting, and restoration of fabric of the ruins of building façade.
B* 222-094-037-54-001	Georgetti Street #79; Latitude 18.2173722 / Longitude 66.226505	2nd half of the 20th century	Site Ruins of a Building	Application of Appendix C of the Programmatic Agreement	Demolition
C* 222-094-037-53-001	Georgetti Street #81; Latitude 2173583 / Longitude 66.22666111	mid 20th century	Site Ruins of a Building	Application of Appendix C of the Programmatic Agreement	Demolition
D* 222-094-037-50-001	Georgetti Street #80; Latitude 18.217275 / Longitude 18.226927	1st half of the 20th century	Site Ruins of a building	Application of Appendix C of the Programmatic Agreement	Demolition
E* 222-094-037-49-802	Georgetti Street #87; Latitude 18.2172694 / Longitude 66.227011	1st half of the 20th century	Site Ruins of a building	Application of Appendix C of the Programmatic Agreement	Demolition
F* 222-094-037-48-PN	Georgetti Street; Latitude 18.21725 / Longitude 66.227075	1st half of the 20th century	Site Ruins of a building	Application of Appendix C of the Programmatic Agreement	Demolition
G* 222-094-037-47-001	Georgetti Street #91; Laitude 18.2172361 / Longitude 66.227147	2nd half of the 20th century	Site Ruins of a building	Application of Appendix C of the Programmatic Agreement	Demolition
H* 222-094-037-46-000	Georgetti Street #93; Latirude 18.2172139 / Longitude 66.2272416	2nd half of the 20th century	Site Ruins of a building	Application of Appendix C of the Programmatic Agreement	Demolition
I 222-094-037-77-001; 222-094-037-76-001; 222-094-037-44-802	Georgetti Street #97, #99, #119; Latitude 18.217186 Longitude 66.22741111	N/A	Site (Parking)	Not Eligible	Demolition
J 222-094-57-52-001	Georgetti Street #81; Latitude 18.2173361 / Longitude 66.226672	N/A	Site (Empty Lot)	Not Eligible	N/A
K 222-094-037-51-001	Georgetti Street #83; Latitude 18.2173083 / Longitude 66.226863	N/A	Site (Empty Lot)	Not Eligible	N/A

The staging area of the undertaking will be within the Direct APE, in the parking lot on Georgetti Street #97, #99, and #119, (Latitude 18.217186, Longitude -66.22741111). The area is approximately 2,152.78 square feet (200 square meters).

Area of Potential Effects

As defined in 36 CFR §800.16(d), the 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.

[6] Properties marked with an asterisk (*) are in imminent danger of collapse. They will be demolished as per the Appendix C of the Programmatic Agreement.

Based on this definition and the nature and scope of the Undertaking, the Program has determined that the Direct APE for this project is the area covered by the Waterfront Park, approximately 0.85 acres. As mentioned, the construction staging area will be within the project area (approximately 2,152.78 square feet). The proposed undertaking will have no adverse effect on the Comerío TUC. (See Figures 3 and 4.)

The Visual APE extends northward along Agapito Dávila, Progreso, José Vega, and Luis Muñoz Rivera Streets, ascending uphill and perpendicularly aligned with the Direct APE. The surrounding context includes residential and commercial properties on the north, east, and west. The PR-774 highway bridge and the Río La Plata borders the area along the south. (See Table 2.) (See Photographs 1 to 18.)

TABLE 2
APROXIMATE DISTANCE FROM PROJECT AREA TO THE BORDER OF THE VISUAL APE

DIRECTION	APPROXIMATE DISTANCE
North	245 feet - 300 feet
East	25 feet
South	25 feet
West	320 feet

Environmental Setting

Comerío is located in the Interior Central Mountainous region of Puerto Rico, a geographic region that extends from the outskirts of the city of Mayagüez to the west, along the central backbone of the island to the Sierra de Cayey to the east, and northeast to the Sierra de Luquillo.[7] Specifically, it is part of the Sierra de Cayey region, and is within the watershed of the La Plata River (Puerto Rico's longest river) and its affluents, the Hondo River and the Arroyata River.[8] Within this region, it is in the zone known as the St John Peneplain or the Barranquitas erosional surface, much of the terrain is steep and rugged, with limited flatter terraces of the La Plata River.[9] The Comerío historic urban core lies on a terrace just north of the La Plata River where it flows west to east. The proposed undertaking is located on the river embankment, and periodically floods.

The project area within the historic urban core is surrounded to the north and west by steep hills, and to the east and south by the La Plata River, and its soil is classified as Urban Land-Mucara Complex, 12 to 40% slopes

[7] Rafael Picó, *Nueva geografía de Puerto Rico* (Río Piedras, Puerto Rico: Editorial Universitaria, Universidad de Puerto Rico, 1976), 387.

[8] Adalberto Maurás Casillas, "Evaluación Arqueológica Fase 1A-1B Proyecto: Mejoras al Sistema de Acueductos del Barrio Palomas, Comerío, Puerto Rico" (MS: San Juan, Puerto Rico, 1995), 2, 10.

[9] Jeffery B Walker, "Stage IA Cultural Resources, Literature Search and Sensitivity Study for the Proposed Comerío Design of Trunk Sewer Pumping Station and Main from Existing Treatment Plan to the Proposed Treatment Plant for Comerío" (MS: Santurce, Puerto Rico, 1984), 4.

(Um). Soils surrounding the Comerío historic urban area are Caguabo clay loam, 40 to 60% slopes (CaF). (See Figure 5).

The topography, hydrography, and soils in the project area would indicate a low probability for the location of archaeological sites.

Available historic maps, aerial photographs, and US Geological Survey topographic maps were reviewed to identify past land uses and transformations to the TUC and, specifically, to the APE's environment over time. The first available map is from 1886 which includes the original platting organization at the time of the town's founding. This drawing evidences the adaptations that were made to take into consideration the presence of the river and its annual movements.

Several photographs taken during the first decade of the 20th century (c 1910) emphasize the isolated location of the town, nestled as it was within mountains, and the limited development which had taken place until that moment. (See Images 3, 4, 5, and 7.)

The oldest aerial photograph, dated 1937, depicts no bridge uniting the two banks of the river. (See Figure 6.) Of special interest is the large building with a painted Lucky Strike sign on its roof one block north from the plaza and the town church demonstrating the relevance the tobacco industry had at the time. The north bank of the river, towards the west, includes several buildings built quite close to the river bank. It is possible some of these are the ones that have been declared a public danger. In general, the town experimented some physical development, although it still maintains the contained morphology of its founding design. The only relevant development on the south side of the river is a camp-like site with several long buildings. Unfortunately, the function of this compound is unknown. At present, the Residencial Manuel Martorell, dated 1965, occupies the area. The Residencial is considered part of the TUC.

The 1946 USGS Topographic Map depicts that the PR-778 Bridge uniting both banks was already constructed. It is possible this contributed to the development of a barrio on the south bank, in the area where the camp-like development was constructed by 1937. (See Figure 6.) A few years later, in 1951, the aerial photograph indicates the small barrio on the southern bank was larger than a few years prior. (See Figure 7.) There seems to have been one or two more tobacco factories within the town than in 1931. It is quite obvious the urban core has expanded since many small houses have been constructed up the western mountains surrounding it. The houses along the north bank of the river had previously presented an unbroken ribbon of buildings. By 1946 the cluster responds to the bridge and to the different town streets intersecting it.

The most important transformation, as seen in the 1972 aerial photograph is that the town has grown along the south shore of the river, impeded – as the urban core is – to grow towards the north because of the rugged terrain. (See Figure 8.) Another bridge was constructed along PR-774. This structure facilitated the physical connection between the two sides of the river. The Escuela Vocacional Antolín Santos Negrón, founded in 2008,

is located where the Escuela Horace Mann Towner[10] was once sited. As mentioned previously, the camp-like enclave area on the south bank is now occupied by the Residencial Manuel Martorell, constructed in 1965. The presence of this complex has extended Comerío's TUC to cover both sides of the river. According to the US Census Bureau, the population of Comerío in the 2020 census was 18,883. This number represents a decrease of 9.1% when compared to the 2010 census.

Historic Context/Cultural Setting

Precontact Period[11]

The municipality of Comerío is located in the Interior Central Mountainous region of Puerto Rico, specifically, part of the Sierra de Cayey. It is a rugged mountainous area within the La Plata River watershed. The earliest archaeological evidence of its occupation by precontact peoples dates from the early Ostionoid period (600-900AD), also known as Subtaíno (known by the site of Parque Carlos Bonet, which appears to be the only one of this time period studied so far). The few archaeological sites on record in Comerío have not been investigated, and most are presumed to be associated with later occupations of the Chicoid series (1200-1500 AD). At least one ball court site may have existed in Comerío (visited by Dr Irving Rouse in 1938), and there are two cave sites (Cueva La Mora and Cueva del Indio) that were reported having rock art and ceramics. The Cueva La Mora site was listed in the NRHP in 1983 because of its significant pictographs and petroglyphs and their research potential. The existence of this significant site points to the probability of precontact habitation sites in this area. The few other sites known in the municipality have pre-Columbian and historic components, but have not been investigated.

In summary, there is limited archaeological evidence for precontact occupation in the Comerío Municipality, although the location of a ballcourt site and various caves with rock art attest to its potential. The rugged terrain and limited flat areas for settlement may be a factor in the small number of documented sites, or it may just point to the need for more research.

Postcontact Period

Originally named Sabana del Palmar, Comerío initiated its secession from established municipalities in the traditional manner carried out by dozens of other territories throughout the Puerto Rican Archipelago. A representative, José de la Rosa Carmona, formally presented the petition to the authorities on 26 January 1826. The neighbors' intention was for the barrios of Comerío Alto and Comerío Bajo, belonging until that time to the Cidra and Barranquitas Municipalities, secede from these entities. The petition for independence was granted on 12 June 1826. The name given to the new government unit was Sabana del Palmar, a direct reference to

[10] Horace Mann Towner (1796–1859) was an American politician, educational reformer, and abolitionist and he was known for his commitment to public education and is known as the "Father of American Education."

[11] The information in this section is summarized from "Resumen arqueológico del Municipio de Comerío, PRSHPO (MS: San Juan, Puerto Rico, 2014-2016).

the great number of royal palms[12] that could be found in the region. The magnificent prairie (in Taíno, *sabana*) dotted with dozens of the svelte palms nestled along the Río La Plata was surrounded by imposing mountains. (See Image 3.)



Image 3
Comerío, Puerto Rico, c 1910.
https://www.flickr.com/photos/fredandrebecca/albums/72157618777446615/with/3721336414.

Both names – Sabana del Palmar and Comerío – were used until, in 1894,[13] the name was changed formally to Comerío. Historic documents do not reveal the reason for this change, something not unusual in an Archipelago where the main island had two names (San Juan Bautista Island and Puerto Rico Island). (The capital city also had two names: la Ciudad del Puerto Rico and San Juan.) Since all official documents until the date mentioned above, including maps, used the first name, the poetic Sabana del Palmar was its formal appellation originally. According to popular lore, Cacique Comerío ruled the area when contact between Europeans and the Natives took place.[14]

Motivations behind the change of name seventy some years after the founding of the place remain a mystery. There are other examples of the Municipality's unique behavior. For example, at one point, the townsfolk of Comerío and neighboring Naranjito engaged in a feud similar to a civil war of sorts. It is also known that after becoming independent, it was annexed to another municipality. A few years later, it gained its independence one more time.

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[12] The palm tree (*Roystonea regia*) is also known as the Cuban Royal Palm and the Florida Royal Palm.

[13] Archivo Histórico Nacional, Madrid, Spain, "Cambio de nombre del pueblo Sabana del Palmar," ULTRAMAR, 5147, Exp. 19, 1894.

[14] According to historians, Native chief Comerío lived during the first half of the 16th century. He seems to have been born in the area, where he also died. Epifanio Fiz Jiménez, *Comerío y su gente*: *Datos históricos, estampas de mi pueblo* (Barcelona: Ediciones Rumba, 1917), 14, quoted in Pablo Ojeda O'Neill and Enid Torregrosa de la Rosa, "Determinación de Impacto Cultural del Proyecto Nuevo Puente #540 sobre el Río La Plata, Comerío, Puerto Rico Inventario de Recursos Histórico-Arquitectónicos" (MS: San Juan, Puerto Rico, 1995).

At present, Comerío is surrounded by the following municipalities: Naranjito and Bayamón on the north, Cidra and Aibonito on the south, Aguas Buenas on the east, and Barranquitas on the west. The Hondo, Arroyata, and La Plata Rivers make the area an extremely fertile one. (See Image 4.) While all manner of agricultural products were produced, during the second half of the 19th century, the area was known principally for its tobacco. At one point in time, there were three tobacco companies that produced a product of such excellence that it won a gold medal in 1901 in New York when it was first presented. Some *tabacaleras* were the Cobián y Compañía, Comerieña de Sánchez y Compañía, and "El Privilegio" belonging to Santiago Umpierre y Compañía.



Image 4
Comerío and the Río La Plata, Puerto Rico, 1920s
https://www.flickr.com/photos/fredandrebecca/albums/72157618777446615/

At present, the Río La Plata (also known as Río de la Plata) passes through the middle of the urban core fed by the Arroyata and Hondo tributaries. When it was founded, however, the urban core was sited north of the waterway. The principal areas and buildings were planned taking into consideration the waterway. It is no exaggeration to claim the river and the town have established a close relationship due to their physical proximity. (See Images 4 and 5.) While the waterway grants a unique personality to the urban core, in contrasting fashion it also poses a constant menace to its safety. The longest river in the Puerto Rican Archipelago, Río La Plata originates in the southern part of the Island, in the Guayama Municipality, and flows north until it drains in the Atlantic Ocean. Its mouth is approximately eleven miles west of Old San Juan. Its total length is approximately 46 miles which, in an Island that is thirtysome miles in width, grants it an imposing geographic personality. Crossing the Guayama, Cayey, Comerío, Naranjito, Toa Alta, Toa Baja, and Dorado Municipalities it is also the source of two lakes (Carite and La Plata Lakes). Folklore establishes the Natives referred to it as *Thoa* or *Toa* (Mother). Whether this is true or not, two of the municipalities it crosses are known as Toa Baja and Toa Alta. The names pay homage to the Natives' legendary affectionate name.

While periodic flooding of sectors of the urban core is usual, during Hurricaine María (20 September 2017), the river rose approximately eleven feet. The ever-changing course has been particularly damaging to properties that, with time, were constructed quite close to the shore. Several of these buildings have been declared public hindrances (in Spanish, *estorbo público*).



Image 5
Comerío and the La Plata River, Puerto Rico, 1910[15]

While rivers may be dangerous to a town's population, in the past they were essential to any aspiring Puerto Rican urban enclave. Most people depended on waterways to obtain water since wells could not be organized for every house. Rivers also served for the transportation of people and goods. A member of the HCC team remembers women washing clothes in some of the Island rivers. Therefore, they were essential for sustenance and daily activities. We need to remember closeness to rivers was a staple of all civilizations until the Romans constructed aqueducts.[16] After the fall of the Roman Empire, aqueducts no longer worked and people, once more, had to rely on rivers. At the time of its foundation, there were no aqueducts in Comerío or Puerto Rico.

An analysis of an 1886 map of Comerío's town core is quite interesting for several reasons. In the first place, the name appears as "Sabana del Palmar" although the word "Comerío" can also be seen in parenthesis under the first one. (See Image 6.) In the second place, the placement of the town plaza (present day Plaza de la Trova) is not at the center of the town but to the east of the core. Because of the river on one side and the mountains on the other, the town did not grow around the town plaza and the church as was usual throughout the Archipelago but principally towards the west. The traditional orthogonal arrangement of blocks was deployed in the formation of the urban core.

[15] By the early years of the 20th century, people had settled close to the river shore. Another transformation from the original urban morphology is that the church is at present surrounded by properties on all four sides. The presence of the tobacco structures (in Spanish, *tabacaleras*) is also quite relevant. Access: https://www.loc.gov/item/2002707065/

[16] Even Rome was organized next to a mighty river, the Tiber, considered a god and partner of Roma Aeterna (the city, considered a goddess). The Tiber was not the only river to be considered a deity. There were innumerable god-rivers through the ages. Personifications of rivers has been a common thing in Western culture: the British Thames is commonly known as Father Thames while the Mississippi River is known as "Old Man River" in the USA.



Image 6
Sabana del Palmar (Comerío), Puerto Rico, 1886
NPS 9_95_2_SG_Ar_D_T_4_C_2_518

While at present, the plaza and the church are found close to the town's center, this was not the case at the time of the foundation. Sandwiched between the river and the mountains as mentioned, the town was organized in an unusual manner. There were several factors determining its organization within such a constricted manner. First, religious mores demanded the church's apse, where the altar is, face east and the rising sun. These were spiritual and physical imperatives that directed the location of all churches throughout the Puerto Rican Archipelago. As a direct result, it also determined the positioning of most town plazas. Second, it was most convenient for the west façade (also known as westwork) to face the town plaza. Although there are examples of plazas located on one side of the church, this arrangement was extremely unusual. Contrary to what was traditional, then, the Comerío church and plaza were located on the east of the open area while the town was sited on the west. (See Image 6.) It is obvious the authorities were aware the curved area to the east could easily flood. Therefore, they decided to organize the urban core away from it. It is interesting to contrast Comerío with other urban arrangements. Naranjito and Barceloneta are two of several Puerto Rican towns organized sandwhiched between river shorelines and mountains.[17] While Comerío was organized in fan-like manner, the other two are closer to what a USA Main Street (in Great Britain, High Street) morphology would look like. The longest axes of the urban blocks run from north to south in order to make use of the available land. As mentioned, all blocks were located on top of a small plateau.

As the town grew, constructions started to be built on the mountain hillside. With time, another development took place and buildings were constructed along the shore, perilously close to the river. Time had proven they were too close and, as mentioned previously, some – like some of those part of the project – are in danger of crashing into the water. What had been the "outskirts" of the original core, the shores of the river, slowly became built with buildings while "the other side" of the river transformded into part of the urban core.

[17] Karen Anderson-Córdova, Arleen Pabón Charneco, and Berenice Sueiro-Vázquez, "Section 106 NHPA Effect Determination Form PR-CRP000726 (El Cerro, Naranjito)" (Coral Gables, Florida, 2024) and Karen Anderson-Córdova, Arleen Pabón-Charneco and Berenice Sueiro-Vázquez, "Section 106 NHPA Effect Determination Form PR-CRP000541 (Barceloneta)" (Coral Gables, Florida, 2024).



Image 7
Comerío, Puerto Rico, 1913
https://www.flickr.com/photos/fredandrebecca/albums/72157618777446615/with/3573243142

In 1828, construction of the town church was initiated. Dedicated to the Virgen de la Candelaria, the building was made of wood with a *yagüas* roof.[18] It was finished four years later.[19] At the time of its foundation, the Santo Cristo de la Salud was chosen as the patron saint of the town. (At present, the name of the building is Iglesia del Santo Cristo de la Salud.) While most of the properties are located to the west of the church, there were enough on the north, south, and east sides to continue the orthogonal street arrangement.

In 1897, Cayetano Coll y Toste[20] reported Comerío had 171 houses, two warehouses, one coffee establishment (in Spanish, *establecimiento de café*), and 52 *bohíos*.[21] There were nine other structures that the historian did not mention their use. Of these 235 architectural artifacts, none was constructed in masonry in its totality. Additionally, two buildings were made of masonry and wood, 225 of wood, and eight of straw and *yagüas*. (See Image 7.)

Coll y Toste also mentioned that Comerío's residents engaged in varied trades and professions outside the agricultural field. (See Table 2.)

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[18] *Yagüa* buildings use the royal palm's thick, woody sheathing leaf as construction material.

[19] Eduardo Newman Gandía, *Memoria sobre la fundación y progresos del Municipio de Comerío* (San Juan, Puerto Rico: Tipografía Real Hermanos, 1911), 7, quoted in Pablo Ojeda O'Neill and Enid Torregrosa de la Rosa, "Determinación de Impacto Cultural del Proyecto Nuevo Puente #540 . . ."

[20] Cayetano Coll y Toste, *Reseña del estado social, económico e industrial de la isla de Puerto Rico al tomar posesión de ella los Estados Unidos* (San Juan, Puerto Rico: Imprenta de la "Correspondencia," 1899), 125-128, Access, https://babel.hathitrust.org/cgi/pt?id=umn.31951p00132229c&seq=374.

[21] In Puerto Rico, during the 19th and early 20th centuries, the word *bohío* was used to describe the houses of the less affluent. These structures were usually similar to the Natives' residences.

TABLE 2
COMERÍO PROFESSIONS AND TRADES IN 1897

TYPE OF VENUE	NUMBER
Butchers	2
Roman Billiards	11
Taverns	6
Pharmacy	2
Cock Fighting Halls	1
Surgeons	2
Bakeries	3
Grocery Stores	3
Inns	11
"Mixed" Stores	9
Street Vendors	14
Ventorrillos[22]	12

According to Coll y Toste, the educational level of Comerío by the end of the 19th century was organized as seen in Table 3.

TABLE 3
EDUCATIONAL LEVEL OF COMERÍO RESIDENTS IN 1899[23]

EDUCATIONAL LEVEL	PERCENT OF THE POPULATION
Percent of residents who could read and write	9.95%
Percent of residents who could read	.68%
Percent of residents who could not read or write	89.42%
Total Population	**100.05%**[24]

Regarding Comerío residents, there were several ethnicities living in the area by the end of the 19th century. (See Table 4.)

[22] *Ventorrillo* was the Spanish word used for small and humble eating places that did not reach the standing of a *fonda* (in English, inn or tavern) or a restaurant.

[23] Cayetano Coll y Toste, *Reseña del estado social, económico e industrial de la isla de Puerto Rico al tomar posesión de ella los Estados Unidos*, 125-128.

[24] HCC is aware that the sum of the percentages presented by Coll y Toste is more than 100. Since these are the numbers that appear in his book, we are using them rather than invent others.

TABLE 4
COMERÍO RESIDENTS' ETHNICITIES IN 1897

ETHNICITY	NUMBER LIVING IN COMERÍO
Puerto Ricans	8,174
Peninsulars (Spaniards)	70
Canary Islanders	3
Cubans	1
French	2
Swiss	1
Total	**8,251**[25]

It needs to be noted that all Peninsulars and Canary Islanders, as well as Puerto Ricans and Cubans, were Spanish subjects. There is no explanation for this segregation, unless those not living in the Peninsula were considered "foreigners," something the 1812 Constitution had clearly established as an incorrect interpretation.

During the period from 1908-1912 Lt William H Armstrong compiled photographs and maps for his *Progressive Military Map of Puerto Rico*. He described Comerío in the following fashion:

> Teams can not leave the road until reaching Comerío and even then camping grounds are vey scarce. Water and grass are in abundance but wood is scarce. Comerío is a small town of little importance. Tobacco factories supply natives with work. There is no water system in town. There is no telephone system. Messages go to Bayamón where they are then sent to destination.[26]

He depicts several expected characteristics, including a difficult trek to reach town, high mountains, difficult and dangerous trails, and a small town that by the early years of the 20th century lacked all modern conveniences.

As the urban core grew, both shores of the river were settled, a momentous development which allowed the expansion of the town core. During the first half of the 20th century, two dams were constructed in order to use the river as a source of power.

[25] According to the US Census Bureau, the population of Comerío in 2020 was 18,883. It is possible to infer the town has experienced a protracted growth.

[26] Thompson, Lanny and María Dolores Luque (editors), *The Cartographic Journey of Lieutenant William H Armstrong* (Colombia, Editorial Nomos S A, 2020), Volume 2, p 79.

Identification of Historic Properties

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 there are no archaeological properties, historic or prehistoric, previously identified in the project area APE and there is one archaeological site within the quarter mile area. Archaelogical cultural resources survey reports within the quarter mile area are discussed below.

The project area is located within the Comerío TUC/Historic District, eligible for inclusion in the NRHP as a historic district under Criteria A and C. (See Figures 4 and 5.) The three NRHP listed historic properties are located ouside the Comerío TUC and outside the quarter mile radius. The properties eligible for inclusion in the NRHP are discussed in the Architecture Resources Section.

Historic Properties - Archaeological Resources

The archaeological cultural resources survey reports and site survey forms, as well as the administrative project files, of both the PR State Historic Preservation Office (PRSHPO) and the Institute of Puerto Rican Culture (IPRC) were consulted. This review evidences the PRSHPO and IPRC document one archaeological property within a quarter mile of the proposed project (CM0100001/CM-9). (See Figures 9 and 10).[27]

A total of 12 cultural resources phase 1A and 1B reports, plus 2 reports of excavations and mitigation/monitoring of one site (CM0100001/CM-9), are documented in these files. Ten of these yielded negative results for the location of archaeological properties, and 2 documented minor isolated finds (see a summary of these reports and their results in Table 5 below). The majority of these studies were for projects related to water and sewer and road infrastructure, and were mainly linear in nature. The earliest of the phase 1A and 1B reports was submitted to the PRSHPO in 1984, and the latest in 2015. (See Figures 11 and 12.)

[27] The PRSHPO archaeological project site files list two other sites within a quarter mile of the project: the Antiguo Casino de Comerío (CM 0200002), which is a historic building, and Bridge #339, Puente del Río Hondo (CM0200001), a NRHP eligible engineering structure that was relocated to the Media Luna Recreation Area around the year 2001 (PRSHPO "Yacimientos Arquelógicos de Puerto Rico. Ficha de Inventario" (MS: San Juan, Puerto Rico, revised 2009). The IPRC's site inventory lists CM0200002 as CM-39, and CM0200001 as CM-5, ICP, "Revisión, Actualización y Reorganización del Inventario de Recursos Arqueológicos de Puerto Rico, Municipio de Comerío, Puerto Rico Recursos Culturales" (MS: San Juan, Puerto Rico, 2012). Except for the mention here, the Program is not discussing these in the Archaeological Identification Section. Also of note, in addition to the site documented within the quarter mile of the APE for this undertaking, there are only 5 archaeological sites documented in the PRSHPO files for the entire municipality of Comerío, and the information available is limited. Two of these sites are cave sites (Cueva del Indio- CM0100002, located in Rio Hondo barrio, and Cueva La Mora-CM010003, located in Vega Redonda barrio), where Chicoid series ceramics, and rock art, respectively, were reported. Cueva La Mora was listed in the NRHP in 1983, for its significant pictographs and petroglyphs and their research potential. The other 3 sites are reported as having prehistoric ceramics and historic materials, but have not been investigated further (PRSHPO, "Resumen arqueológico del municipio de Comerío" (MS: San Juan, Puerto Rico, 2014-2016).

TABLE 5
PRSHPO AND IPRC CULTURAL RESOURCES SURVEYS
WITHIN A QUARTER MILE OF THE VISUAL APE

SHPO/IPRC NUMBER	SURVEY DATE	SURVEY NAME	AUTHOR	AREA[28]	RESULTS	DIRECTION AND DISTANCE FROM SURVEY AREA TO APE
SHPO: 07-19-84-01	July 1984	"Stage 1-A Cultural Resources, Literature Search and Sensitivity Study for the Proposed Comerío Design of Trunk Sewer Pumping Station and Main from the Existing Treatment Plant to the Proposed Treatment Plant for Comerío"	Jeffery B Walker	1.86 miles	Isolated undiagnostic prehistoric earthenware body sherd	Approximately 0.08 miles/east
SHPO: 07-19-84-01 IPRC: ICP/CAT: CM 85-01-01	September 1985	"Final Report on the Stage IB Field Investigation for cultural Resources of the Proposed Comerío Trunk Sewer Line"	Jeffery B Walker	Not specified	Negative	Approximately 0.08 miles/east
SHPO: 03-12-85-01	March 1985	"Cultural Resource Reconnaissance of the Río Cibuco, Río de La Plata, and Río Santiago Flood Control Projects, Puerto Rico"	Daniel Koski-Karell and Luis Ortiz	1515 acres	Positive Prehistoric lithic scatter, historic house site	N/A. The reconnaissance survey included among other areas, the urban area of Comerío.
IPRC: ICP/CAT: CM 88-04-04 and ICP/CAT: CM 88-06-01	1988-May 1990	"Estudio Arqueológico Proyecto Estadio Carlos Bonet Fase de Mitigación Municipio de Comerío, Puerto Rico"	Jaime G Vélez	7534 sauare feet	Positive Subtaíno village site with burials	Approximately 0.09 miles/south
SHPO: 07-26-94-04 IPRC: ICP/CAT: CM 94-02-02	August 1994	"Investigación Arqueológica Fase IA-IB Proyecto Puente sobre el Río La Plata Reemplazo Puente 540, PR-775, Comerío, Puerto Rico"	Marisol Rodríguez Miranda	Not specified	Negative	Partially within the APE
SHPO: 08-31-95-06 IPRC: ICP/CAT: CM 95-02-05	August 1995	"Evaluación de Recursos Culturales Fase 1A-1-B Reconstrucción y Mejoras PR-156, Desde KM 26.8 hasta KM 40.5, Comerío, Puerto Rico"	Virginia Rivera Calderón	8.5 miles	Negative	Within the APE
SHPO: 08-29-97-09 IPRC: ICP/CAT: CM 97-03-06	June 1997	"Estudio de Recursos Culturales Fase I Proyecto Improvements to the Water Supply System of Palmas Ward (First and Second Stages) Barrio Palmas, Comerío, Puerto Rico"	Armando J Martí	Not specified	Negative	Within the APE
SHPO: 04-04-00-01 IPRC: ICP/CAT: CM 00-03-07	March 2000	"Evaluación Arqueológica Fase IA Proyecto: Proyecto Mejoras al Sistema de Agua Potable del Municipio de Comerío II,III, IV, y V"	Marisol Martínez Garayalde	43.2 miles	Negative	Approximately 0.25 miles (northeast and west)/ Approximately 0.17 miles east Approximately 0.06 miles south
IPRC: ICP/CAT: CM 03-04-05	April 2003	"Evaluacion de Recursos Culturales Fase IA-IB Proyecto: AEP Número 6620 Parque de Bombas Carretera PR 775, KM 0.7 Bo. Piñas, Comerío, Puerto Rico"	Iván F Méndez Bonilla	0.48 acres	Negative	Approximately 0.25 miles/ south
SHPO: 03-14-02-02 IPRC: ICP/CAT: CM 02-04-06	November 2002	"Evaluación de Recursos Culturales Fase 1-A/1B Proyecto Construcción de Biblioteca Electrónica Municipio Centro Urbano, Comerío, Puerto Rico"	José Rivera Meléndez	2400 sq ft	Negative	Approximately 0.02 miles northeast

[28] Measurements have been converted to the imperial system by the SOI qualified professionals.

SHPO: 11-22-05-04 IPRC: ICP/CAT: CM 05-05-03	October/ November 2005	"Informe de Evaluación Arqueológica Fase 1B Proyecto: Alcantarillado Sanitario por Gavedad – Sector O Comunidad Villa Brava; Barrio Piñas, Comerío, Puerto Rico"	Harry E Alemán Crespo	7,070 lineal feet	Negative	Approximately 0.19 miles south
SHPO: QCAT 2004-025 IPRC: ICP/CAT: CM 05-05-01	October 2005	"Informe sobre Documentación de Hallazgos "in situ" Ampliación Estadio Municipal Carlos Bonet Comerío, PR"	Juan Carlos Colón and Fernando Alvarado	9.8 ft x 6.5 ft	Impacted human burial	Approximately 0.09 miles/south
IPRC: ICP/CAT: CM 06-05-04	June 2006	"Evaluacion de Recursos Culturales Fase 1A Proyecto Las Nuevas Tabacaleras, Barrio Palomas, Comerío, Puerto Rico"	Juan González Colón	Not specified	Negative	Approximately 0.12 miles/ north
IPRC: ICP/CAT: CM 15-06-04	April 2015	"Galería Urbana Calle Georgetti y Santiago Palmer Barrio Pueblo, Comerío, Puerto Rico Estudio Arqueológico Fase IA-IB"	Fernando Alvarado Muñoz	4,663 square feet	Negative	Approximately 0.10 miles/ northeast

One of the early reports (SHPO 07-19-84-01) documented an isolated undiagnostic prehistoric earthenware body sherd[29] on the proposed trunk sewer route on the east bank of the La Plata River north of the town of Comerío. Another early report, dated from 1985 (SHPO 03-12-85-01) for a proposed Corps of Engineers flood control project, reported a prehistoric lithic scatter and a possible 19th century house site.[30] The lithic scatter was located on level terrain on a terrace on the west side of the La Plata River well south of the town of Comerío, and the house site was located on level terrain at a terrace east of the La Plata River, west of PR-775 just before entering the town of Comerío.[31]

Based on the Program's review of previous cultural resources investigations, there appears to have been only one significant finding of an archaeological site within the quarter mile area of the proposed undertaking. This is the site known as Yacimiento Parque Carlos Bonet (CM0100001/CM9), located approximately 0.10 miles southwest of the undertaking's APE, on the opposite (south) side of the La Plata River, within the Carlos Bonet Stadium. (See Figures 9 and 10.)

There are two reports on file at the IPRC that present the results of investigations of this site (IPRC CM 88-06-01; IPRC 05-05-01). (See Table 1.) The most extensive one, authored by Jaime Vélez, documents archaeological testing and excavations carried out in 1987 and in 1991 of a Subtaíno burial cemetery and village.[32] The report details two proposed mitigation phases, a field report, drawings and photographs and an article summarizing the main excavation results. It appears to have been a single component site dating from the early phase of

[29] Jeffery Walker, "Stage 1A Cultural Resources Literature Search and Sensitivity Study for the Proposed Comerío Design of Trunk Sewer Pumping Station and Main from Existing Treatment Plant to the Proposed Treatment Plant for Comerío," 16.

[30] Daniel Koski-Karell and Luis Ortiz, "Cultural Resource Reconnaissance of the Río Cibuco, Río de La Plata, and Río Santiago Flood Control Projects, Puerto Rico" (MS: Washington DC, 1985), 239.

[31] *Ibid*., 238-239, 244. Neither of these sites are documented in the PRSHPO site files. The 19th century house site is identified as CM-4 in the IPCR site files.

[32] Jaime Vélez, "Proyecto Arqueológico Fase de Mitigación Estadio Carlos Bonet Municipio de Comerío, P.R." & "Proyecto Arqueológico de Comerío: Propuesta de Extensión de Estudio de Mitigación" (MS: Bayamón, Puerto Rico, 1991). The discussion above is summarized from these two reports, located in the same ICPR file.

Subtaíno prehistoric occupation. The dominant ceramic style is "Pure Ostiones" (600-900 AD), with other identified styles such as "Cuevas, Monserrate and Modified Ostiones." It was a settlement that included burials (a total of 12 were excavated), with "residual deposits" and possible remains of structures and activity areas (*talleres*). The twelve burials were excavated from a mounded area (*monticulación*) in the southeastern section of the stadium.

It appears that the excavations concentrated on the burials, although 205 shovel pits were also dug, and the author indicates that the site occupied the entire playing area of the stadium. The burials were found with mortuary vessels, ceramic fragments, most had stones placed on top of the human remains, and some burials appeared to have been placed within or adjacent to dwellings. Burials were located at a depth between 1.26 and 1.75 meters (approximately 4.13 and 5.74 feet).

The second report available regarding this site dates to 2005, and summarizes the documentation of a burial impacted by excavations to expand the stands at the stadium. The interment was located at a depth of 1 meter (93.28 feet), and had been severely impacted by heavy machinery. There are no details about the burial, except to say that there were ceramics and other bone fragments, and stones which were mixed with modern debris (asphalt)[33].

In summary, 12 cultural resources survey reports previously carried out within the quarter mile area of the proposed undertaking were negative for the location of significant archeological resources. One significant archaeological site (evidenced by two reports) was located 0.10 miles southwest of the project's APE.

DETERMINATION OF ELIGIBILITY OF ARCHEOLOGICAL PROPERTIES WITHIN THE PROJECT'S APE

We can conclude, based on the information discussed above, that, with the exception of the site discussed, there is very little evidence of prehistoric occupation in the quarter mile area of the proposed project, and in the Comerío municipality in general. The mountainous terrain and lack of substantial river floodplains may be a factor. The location of the Carlos Bonet site along a substantial flat terrace area on the southern bank of the La Plata River would have made it a good location for a Precontact settlement since it provided enough space for horticulture, despite it being vulnerable to river flooding. Further studies in similar settings along the La Plata River should be considered. However, despite the proximity of what was a National Register eligible site near the proposed undertaking, based on the negative results of the previous surveys within a quarter mile of the proposed project area, and its topography, the probability of finding intact archaeological sites within the APE of this undertaking is low.

[33] González Colón, Juan and Fernando Alvarado Muñoz "Informe sobre Documentación de Hallazgo "in situ" Proyecto: Ampliación Estadio Municipal Carlos Bonet, Comerío, Puerto Rico" (MS: San Juan, Puerto Rico, 2005), 33.

Historic Properties – Architectural Resources

To interpret the architectural properties listed and/or eligible for inclusion in the NRHP, archival research activities were undertaken. Additionally, visits to Comerío were carried out to study the project area and the APE. The visit included photographic documentation of all the properties forming the Visual APE.

NATIONAL REGISTER OF HISTORIC PLACES LISTED COMERÍO PROPERTIES

The Comerío Municipality has three properties included in the NRHP. Two of these are buildings and the third one is an archaeological site. (See Table 6.)

TABLE 6
COMERÍO PROPERTIES LISTED IN THE NATIONAL REGISTER OF HISTORIC PLACES

NAME AND ADDRESS	INCLUSION DATE	NRHP ID NUMBER	CATEGORY	NRHP CRITERION
Cueva La Mora PR-775, Barrio La Vega Redondo	10 March 1983	83002292	Site (Archaeological)	N/A[34]
Puente del Río Hondo PR-156 Km 26.9	19 July 1995	95000842	Structure (Bridge)	A and C
Desarrollo Hidroeléctrico de Comerío PR-167 Km 39.9-6.0	1 September 2022	SG100008110	District (Dam Complex)	A and C

None of the NRHP listed Comerío properties are within the project area or the quarter mile. Thus, they will not be affected by the proposed project.

PUERTO RICO PLANNING BOARD

The Puerto Rico Planning Board (PRPB) has a list of properties considered and declared "historic" by means of the organism's resolutions. In most cases, the list is comparable to the NRHP one. (See Table 7.)

TABLE 7

[34] At the time the nomination was prepared, no criteria were needed in the NRHP form.

COMERÍO HISTORIC PROPERTIES
(AS PER THE PUERTO RICO PLANNING BOARD)[35]

NAME	RESOLUTION NUMBER	DATE OF DESIGNATION	DATE OF NOTIFICATION
Puente Río Hondo o Puente 339	2000-(RC)-22-JP-SH	15 March 2001	3 April 2001
Cueva La Mora	2000-(RC)-22-JP-SH	15 March 2001	3 April 2001

None of the properties listed by the PRPB will be affected.

NATIONAL REGISTER OF HISTORIC PLACES ELIGIBLE PROPERTIES

The following studies were also interpreted and reviewed.

1. Puerto Rico State Historic Preservation Office, San Juan, Puerto Rico, "Proyecto de reconocimiento de inventario de centros urbanos de los 78 municipios de Puerto Rico" (MS: San Juan, Puerto Rico, 2020-In Progress).

According to this inventory, 13 Comerío properties appear as eligible for inclusion in the NRHP. (See Table 8.)

[35] Junta de Planificación, Gobierno de Puerto Rico, San Juan, Puerto Rico, "Registro Oficial de Sitios y Zonas Históricas designados por la Junta de Planificación de Puerto Rico Revisado 7 de diciembre de 2022" (MS: San Juan, Puerto Rico, 2022), Access: https://jp.pr.gov/wp-content/uploads/2022/12/REGISTRO-OFICIAL-DE-SITIOS-Y-ZONAS-HISTORICAS-DESIGNADAS-Rev.-DIC-2022.pdf.

TABLE 8
COMERÍO NRHP ELIGIBLE PROPERTIES
(AS PER THE PRSHPO 2020 IN-PROGRESS INVENTORY)[36]

NAME	APPROXIMATE DATE	CATEGORY	NRHP CRITERIA
Alcaldía	c 1923	Building (Town Hall)	A and C
Cementerio Histórico de Comerío*	19th century	Site (Cemetery)	A and C
Casino	c 1920	Building (Social Club)	A and C
Escuela Juana Colón*	c 1946	Building (School)	A and C
Iglesia Santo Cristo de la Salud	c 1960	Building (Church)	A and C
Primera Iglesia Metodista	1907-1915	Building (Church)	C
Casa Parroquial	c 1950	Building (Parish House)	A and C
Tabacalera de Comerío	1925-1927	Structure (Tobacco Industrial Nave)	C
Plaza Pública de la Trova de Comerío	1st half 19th century	Site (Plaza)	A and C
Residencial Manuel Martorell*	c 1965	District (Public Housing)	C
House, 9 de Diego Street[37]	c 1920	Building (House)	C
House, Georgetti Street	c 1950	Building (House)	C
Represa de Comerío/ Represa Río La Plata*	1901	Structure (Dam)	A and C

Properties with an asterisk (*) are located outside the quarter-mile area.

None of the properties listed in Table 7 will be impacted by the proposed project. (See Figure 13.)

2. Pablo Ojeda O'Neill and Enid Torregrosa de la Rosa, "Determinación de Impacto Cultural del Proyecto Nuevo Puente #540 sobre el Río La Plata, Comerío, Puerto Rico Inventario de Recursos Histórico-Arquitectónicos" (MS: San Juan, Puerto Rico, 1995).

This report includes an inventory of all properties on the streets that were to be impacted by the construction of Bridge #540. (This structure is at the center of the proposed PR-CRP-000570.)

INSTITUTE OF PUERTO RICAN CULTURE

1. Institute of Puerto Rican Culture, Patrimonio Edificado, San Juan, Puerto Rico, "Inventario Arquitectónico Fotográfico Centro Urbano de Comerío" (MS: San Juan, Puerto Rico, 2012).

[36] The Category and NRHP Criteria evaluation appearing in Table 7 was carried out by the HCC Team.

[37] The address of the house at 9 de Diego Street was located by HCC. No number could be found for the house on Georgetti Street. The Aliadas Romero Pharmacy is presently found here.

This inventory was principally a photographic memory of several buildings within the Comerío urban core. No form was used and some addresses are missing. It has not been updated since it was carried out in 2012. A number of properties were signalled as significant.[38]

HISTORIC AMERICAN BUILDING SURVEY (HAER) INVENTORY

1. Carlos Rosado and William Rodríguez, HAER, "Inventory of Comerío Properties" (MS: University of Puerto Rico, Río Piedras, Puerto Rico, 1977).

This inventory has no formal name and includes three bridges, one dam, and one tobacco venue. (See Table 9.)

TABLE 9
COMERÍO HAER INVENTORY

NAME	ADDRESS	DATE	GENERAL INFORMATION
Comerío Dam	PR-167	1913	Reinforced concrete dam to supply two hydroelectric plants
Tabacalera de Comerío	N/A	1925-1927	Wood and reinforced concrete tobacco stripping locale
La Cándida Bridge (Bridge # 372)	PR-167 Km 1.8 1351 feet 8.5 inches	1908	Steel girders on reinforced concrete piers; crosses Doña Elena Ravine
Río Hondo Bridge (Bridge # 339)	PR-156 Km 30.5 36.1 feet	1908	Truss bridge on concrete piers
Higüero Bridge (Bridge # 341)	PR-156 Km 34.76	1907-1908	Spans the El Higüero Ravine

DETERMINATION OF ELIGIBILITY OF COMERÍO TUC, WATERFRONT PARK AND VISUAL APE

According to the National Park Service (NPS), eligibility to the NRHP is determined by several characteristics: "The quality of significance in American history, architecture, archeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association . . ." To be eligible, a property must also be associated to an important historic context by meeting at least one of four criteria:

A. That are associated with events that have made a significant contribution to the broad patterns of our history; or
B. That are associated with the lives of persons significant in our past; or

[38] The concept of "significant" is borrowed from the NRHP since the IPRC has no similar term.

C. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
D. That have yielded, or may be likely to yield, information important in prehistory or history.[39]

Additionally, although there may be exceptions to this rule, a property must be at least 50 years old to merit inclusion in the NRHP.

The Comerío TUC and the Waterfront Park
The Comerío TUC is eligible for inclusion in the NRHP as a historic district under Criteria A and C, founded on 12 June 1826. Its orthogonal urban grid was organized at the time of its foundation and is a morphological development that encompasses from the 19th century to the present. While the traditional orthogonal block arrangement was used in shaping the urban core, Comerío developed in a fan-like manner, adapting to the surrounding natural features – the mountains and the Río La Plata. The town's urban blocks, therefore, are organized in response to the landscape. Because of the mountaneous surroundings, urban stairways connect some of the streets across the hills. Only a scattering of towns throughout the Archipelago have preserved these urban instruments.

The historic district of Comerío reflects significant patterns of community planning and development influenced by Spanish Colonial regime urban design principles. Its town plaza and church, as well as government buildings, form a cohesive civic core that exemplifies traditional Archipelagan towns. Residential and commercial structures surrounding the plaza exhibit a variety of architectural styles, which evidence the town's one century plus evolution. These elements collectively illustrate the continuity of Comerío's cultural, urban, and architectural identity and its unique adaptation to topographical and environmental challenges, reinforcing its historical significance and integrity.

While some of the properties listed in Table 10 included in the Waterfront Park project would have been individually eligible for inclusion in the NRHP or contributing to the historic character of the Comerío TUC, their current unsafe structural state lacks integrity. By means of the "Ordenanza Número 5"[40] they have been legally declared not fit for human habitation. Therefore, they need to be evaluated as per the National Park Service's "National Register Bulletin How to Apply the National Register Criteria for Evaluation" which states: "If a building has lost any of its basic structural elements, it is usually considered a 'ruin' and it is categorized as a site."[41] Although the Waterfront Park project proposes the demolition of these ruins, the proposed design will continue to integrate La Plata River to the Comerío TUC.

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[39] National Park Service, "National Register Bulletin How to Apply the National Register Criteria for Evaluation," pp 2; 12-24, Access: https://www.nps.gov/subjects/nationalregister/upload/NRB-15_web508.pdf.

[40] Some of the address numbers of properties within the Direct APE appearing in the "Ordenanza Municipal Número 5" do **not** coincide with those listed in the Puerto Rico's Centro de Recaudación de Ingresos Municipales (CRIM) Cadaster.

[41] National Park Service, Department of the Interior, "National Register Bulletin How to Apply the National Register Criteria for Evaluation" (MS: Washington DC, 1995), 4.

In addition to complying with the significance criteria, the Comerío TUC possesses historic integrity regarding the following aspects: location (place where the property was constructed), setting (physical environment of the historic property), feeling (a property's expression of the aesthetic or historic sense of a particular period of time resulting from the presence of physical feature), and association (direct link between the past and the historic property).

Table 10 lists the properties that form the Waterfront Park project's Direct APE, starting with its east side. Not surprisingly, all properties forming the Direct APE date to the 20th century. The Direct APE includes 12 properties. Image 8 depicts the Direct APE, (in blue and numbered with red circles), and the Visual APE line of demarcation (green). (See Photographs 1-12 in Table 10.)

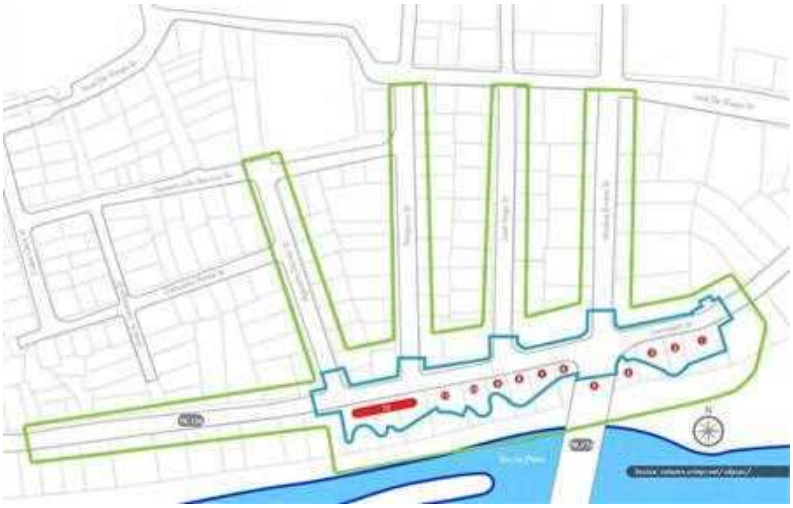


Image 8
Project Area and Direct APE (blue) and properties within Direct APE (red dots with white numbers).
(The green line represents the limit of the Visual APE.
The staging area is within the Direct APE.)

TABLE 10
DIRECT APE PROPERTIES

ID NUMBER	1
CADASTER NUMBER	222-094-037-55-001
DATE	end of the 19th century
ADDRESS	75 Georgetti
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Site (former building ruin)
CRITERIA	N/A



ID NUMBER	2 To be demolished
CADASTER NUMBER	222-094-037-54-001
DATE	2nd half of the 20th century
ADDRESS	77 Georgetti
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Site (former building ruin)
CRITERIA	N/A



ID NUMBER	3 To be demolished
CADASTER NUMBER	222-094-037-53-001
DATE	mid 20th century
ADDRESS	79 Georgetti
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Site (former building ruin)
CRITERIA	N/A



ID NUMBER	4
CADASTER NUMBER	222-094-037-52-001
DATE	N/A
ADDRESS	81 Georgetti
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Site (Empty Lot)
CRITERIA	N/A



ID NUMBER	5
CADASTER NUMBER	N/A
DATE	2nd half 20th century
ADDRESS	PR-156
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Structure (Bridge)
CRITERIA	N/A



ID NUMBER	6
CADASTER NUMBER	222-094-037-51-001
DATE	N/A
ADDRESS	83 Georgetti
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Site (Empty Lot)
CRITERIA	N/A



ID NUMBER	7[42] To be demolished	
CADASTER NUMBER	222-094-037-50-001	
DATE	1st half 20th century	
ADDRESS	60 Georgetti	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Site (former building ruin)	
CRITERIA	N/A	
ID NUMBER	8 To be demolished	
CADASTER NUMBER	222-094-037-49-802	
DATE	1st half 20th century	
ADDRESS	87 Georgetti	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Site (former building ruin)	
CRITERIA	N/A	
ID NUMBER	9 To be demolished	
CADASTER NUMBER	222-094-037-48 PN	
DATE	1st half 20th century	
ADDRESS	N/N Georgetti	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Site (former building ruin)	
CRITERIA	N/A	

[42] Properties 7 and 8 were documented by means of HABS façade drawings (SHPO-07-26-94-04) and photographs in March 1995.

ID NUMBER	10 To be demolished
CADASTER NUMBER	222-094-037-47-001
DATE	2nd half 20th century
ADDRESS	91 Georgetti
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Site (former building ruin)
CRITERIA	N/A



ID NUMBER	11 To be demolished
CADASTER NUMBER	222-094-037-46-000
DATE	2nd half 20th century
ADDRESS	93 Georgetti
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Site (former building ruin)
CRITERIA	N/A



ID NUMBER	12 To be demolished
CADASTER NUMBER	222-094-037-77-001; 222-094-037-76-001; 222-094-037-44-802
DATE	N/A
ADDRESS	97, 99 , N/N Georgetti
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Site (Car Parking)
CRITERIA	N/A



The Visual APE

The Visual APE includes 10 properties. Image 9 depicts the Direct APE, (in blue and numbered with red circles), and the Visual APE line of demarcation (green). (See Photographs 1-10 in Table 11 .)

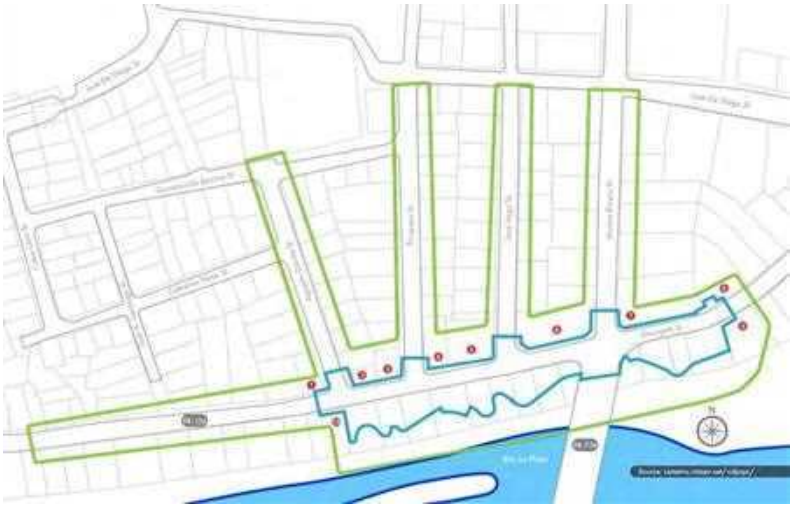


Image 9
Project Area and Direct APE (blue) and Visual APE (red dots with white numbers).
(The green line represents the limit of the Visual APE.
The staging area is within the Direct APE.)

Table 11 includes all properties part of the Visual APE. Each one's significance, category and eligibility criteria are interpreted as per the NRHP guidelines. CRIM Cadaster[43] identification numbers and addresses[44] are also included in the table, as well as the approximate construction dates.

[43] The CRIM' numbering and data is infamous for its errors and inconsistencies. Numbers of blocks and, at times, *parcelas* (lots) are not in any special order and different *parcelas* within a block may share the same cadaster number. HCC scrutinized inconsistencies in varied ways, including contrasting what was found in the field with aerial photographs. Despite its many shortcomings, CRIM numbers are used to identify properties because they are the Government of Puerto Rico's official identification for the island's real estate property.

[44] Towns in the Island are famed for an absence of address numbering along many streets. However, by naming the street of each property and placing it in the Image 9 map, the exact locale is made clear.

TABLE 11
VISUAL APE PROPERTIES[45]

ID NUMBER	1	
CADASTER NUMBER	222-094-036-11-001	
DATE	1st half 20th century	
ADDRESS	N/N PR-156 (Georgetti)	
NRHP STATUS		
Listed		
Eligible	X	
Not Eligible		
Contributing	X	
Not Contributing		
CATEGORY	Building (Apartment House)	
CRITERIA	C	
ID NUMBER	2	
CADASTER NUMBER	222-094-031-14-001	
DATE	mid 20th century	
ADDRESS	N/N PR-156 (Georgetti)	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing	X	
Not Contributing		
CATEGORY	Building (Barber Shop)	
CRITERIA	N/A	
ID NUMBER	3	
CADASTER NUMBER	222-094-031-13-001	
DATE	2nd half 20th century	
ADDRESS	N/N PR-156 (Georgetti)	
NRHP STATUS		
Listed		
Eligible		
Not Eligible	X	
Contributing		
Not Contributing	X	
CATEGORY	Building (Apartment House)	
CRITERIA	N/A	

[45] The letters "PN" after a cadaster number refers to the Plot Number (*Número de parcela*) provided by the CRIM.

ID NUMBER	4
CADASTER NUMBER	222-094-032-14-PN
DATE	2nd half 20th century
ADDRESS	N/N PR-156 (Georgetti)
NRHP STATUS	
Listed	
Eligible	X
Not Eligible	
Contributing	X
Not Contributing	
CATEGORY	Building (House)
CRITERIA	C



ID NUMBER	5
CADASTER NUMBER	222-094-032-13-001
DATE	1st half 20th century
ADDRESS	PR-156 (70 Georgetti)
NRHP STATUS	
Listed	
Eligible	X
Not Eligible	
Contributing	X
Not Contributing	
CATEGORY	Building (House)
CRITERIA	C



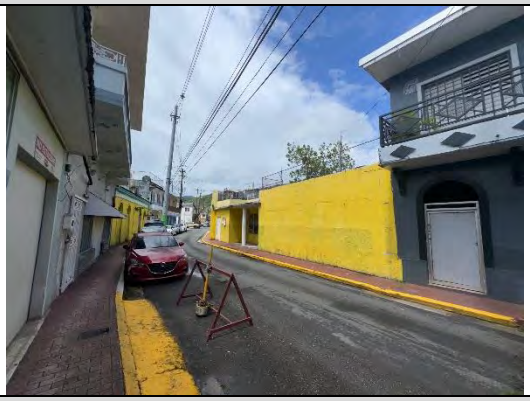
ID NUMBER	6
CADASTER NUMBER	222-094-033-07-001
DATE	20th century
ADDRESS	68 Muñoz Rivera
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Building (Business & House)
CRITERIA	N/A



ID NUMBER	7
CADASTER NUMBER	222-094-034-15-000
DATE	2nd half 20th century
ADDRESS	66 Georgetti
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Building (Bussiness)
CRITERIA	N/A



ID NUMBER	8
CADASTER NUMBER	222-094-034-21-001
DATE	2nd half 20th century
ADDRESS	62 Georgetti
NRHP STATUS	
Listed	
Eligible	
Not Eligible	X
Contributing	
Not Contributing	X
CATEGORY	Building (House?)
CRITERIA	N/A



ID NUMBER	9
CADASTER NUMBER	222-094-037-56-001
DATE	1st half 20th century
ADDRESS	73 Georgetti
NRHP STATUS	
Listed	
Eligible	X
Not Eligible	
Contributing	X
Not Contributing	
CATEGORY	Building (Business & House)
CRITERIA	C



ID NUMBER	10
CADASTER NUMBER	222-094-037-43-000
DATE	1st half 20th century
ADDRESS	PR-156 (Georgetti)
NRHP STATUS	
Listed	
Eligible	X
Not Eligible	
Contributing	X
Not Contributing	
CATEGORY	Building (Business & House)
CRITERIA	C



A summarized interpretation of the 10 properties forming the Visual APE reveals the following. (See Table 12.)

TABLE 12
SUMMARY OF VISUAL APE PROPERTIES

TYPE	NUMBER
Eligible Properties	5
Not Eligible Properties	5
Contributing Properties	6
Not Contributing Properties	4
Total of Properties in the Visual APE	**10**

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Determination

The following historic properties have been identified within the direct and indirect/visual APE: the Comerío TUC, five individually eligible properties, and six contributing properties to the Comerío TUC. (See Table 12.)

Direct APE

Archaeology

The project, as proposed, consists of the development of a recreational area—Waterfront Park—along the north bank of the La Plata River, on the southern boundary of the Comerío Traditional Urban Center. As stated in the project scope of work section of this EDF, the area estimated to be the Direct APE or Project Limit is approximately 0.85 acres, and the project will cover approximately 37,006 square feet.

The project will require the demolition of seven dilapidated, structurally compromised buildings and an existing open air parking area. Demolition work anticipated for this project includes: sidewalk demolition (including curbs), partial demolition of pavement in various streets, and demolition of seven buildings. The construction phase of the project will require soil stabilization in order to install a Terramesh System. This new construction will create a stabilized area of approximately 60,000 cubic feet, with a maximum depth of 24.5 feet from street level.

The staging area of the undertaking will be within the Direct APE, in the parking lot on Georgetti Street #97, #99, and #119. The debris created by demolition and construction activities will be removed and disposed of off-site.

Although this undertaking as proposed will involve earth movement in order to create a foundation necessary to stabilize the river bank for the construction of the waterfront park, the probability of affecting significant archaeological resources is low, for the following reasons:

1. The area is within an active river bank system where sediments have been and are being eroded and redeposited with each major flooding event
2. The potential for deeply buried sites in this project area is low because the topography of this area consists of steep, eroded terrain with limited flat terraces suitable for human occupation
3. Past cultural resources surveys in the surrounding area have been negative, with the exception of the site located on the flat terrace on the opposite or south side of the river.

For these reasons, it is the Program's conclusion that the project as proposed will have no effect on archaeological properties.

Architecture

The Direct APE (Waterfront Park Project) includes eight properties, some of which may have been considered individually eligible for inclusion in the NRHP. However, due to their unsafe structural conditions, these properties lack historic integrity and are typically classified as "ruins" and categorized as sites. The project proposes the demolition of seven of the ruins.

The proposed rehabilitation work complies with "The Secretary of the Interior's Standards for Rehabilitation." The design will integrate the La Plata River to the Comerío TUC. The proposed landscape will enhance the historic setting. Therefore, a finding of no adverse effect to the Comerío TUC is proposed. See Figure 14 and and Photographs 1 to 18.)

- Indirect/Visual APE:

As previously mentioned, the Visual APE includes five properties individually eligible for inclusion in the NRHP as well as six properties that contribute to the character of the historic district. The proposed undertaking does not alter, directly or indirectly, any of the Comerío TUC character defining features nor the five properties individually NRHP-eligible or the six contributing properties. Moreover, the project's design enhances the relationship between the urban core and its natural setting along the La Plata River, reinforcing the district's character.

The project will not affect the boundaries, setting, location, materials, workmanship, feeling, design, or association of the Comerio TUC. Additionally, the viewshed will not be altered in any way. Furthermore, the project will not introduce any audible or atmospheric elements to these historic properties. (See Figure 14 and and Photographs 1 to 18.)

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Recommendation

The Puerto Rico Department of Housing requests that the Puerto Rico SHPO concur that the following determination is appropriate for the Undertaking (Choose One):

☐ No Historic Properties Affected

☒ No Adverse Effect

Condition (if applicable):

☐ Adverse Effect

Proposed Resolution (if appliable):

This Section is to be Completed by SHPO Staff Only

The Puerto Rico State Historic Preservation Office has reviewed the above information and: ☐ **Concurs** with the information provided. ☐ **Does not concur** with the information provided.	
Comments:	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 1 – Project (Parcel) Location – Area of Potential Effect Map (Aerial)



Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
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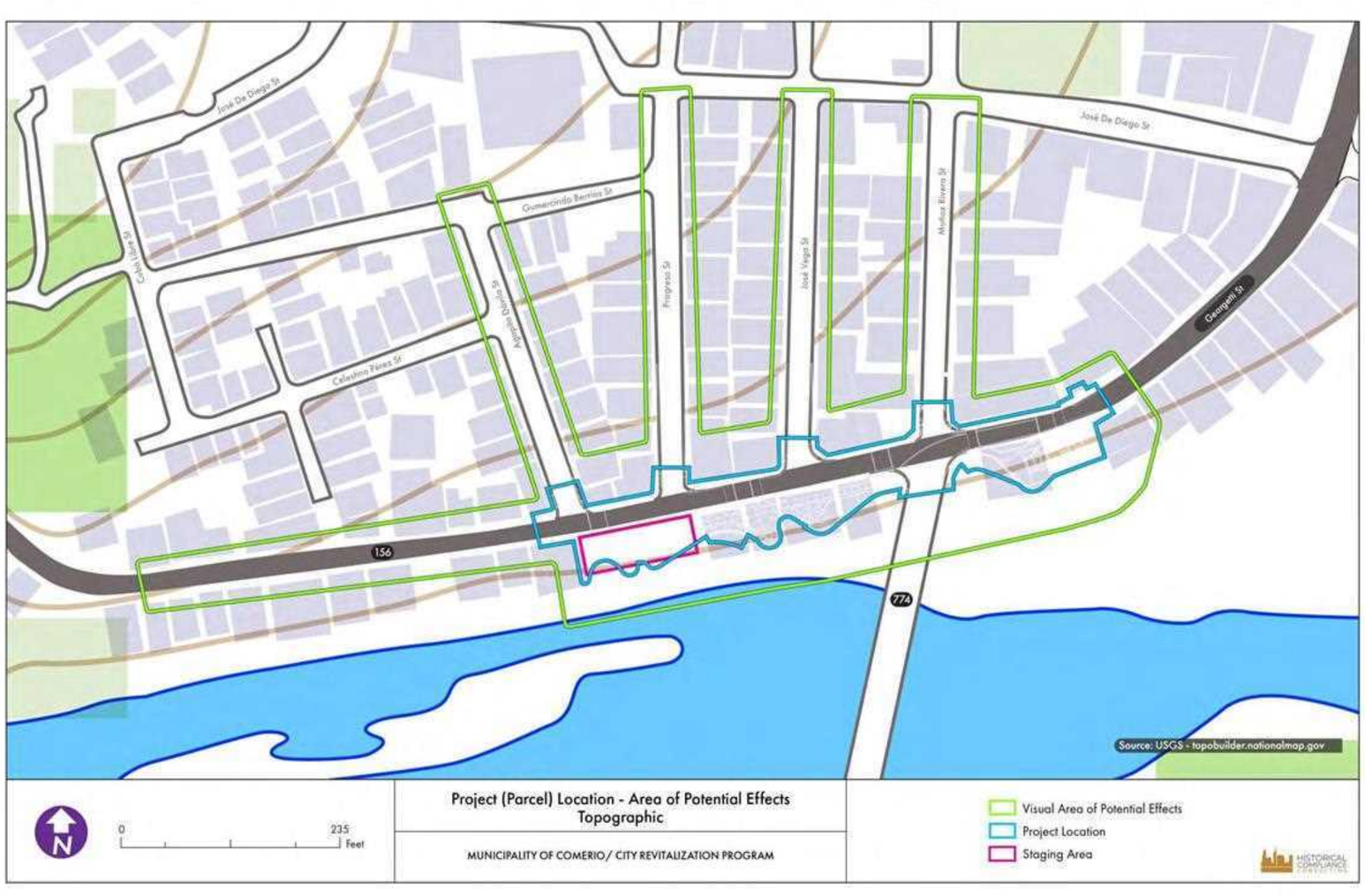
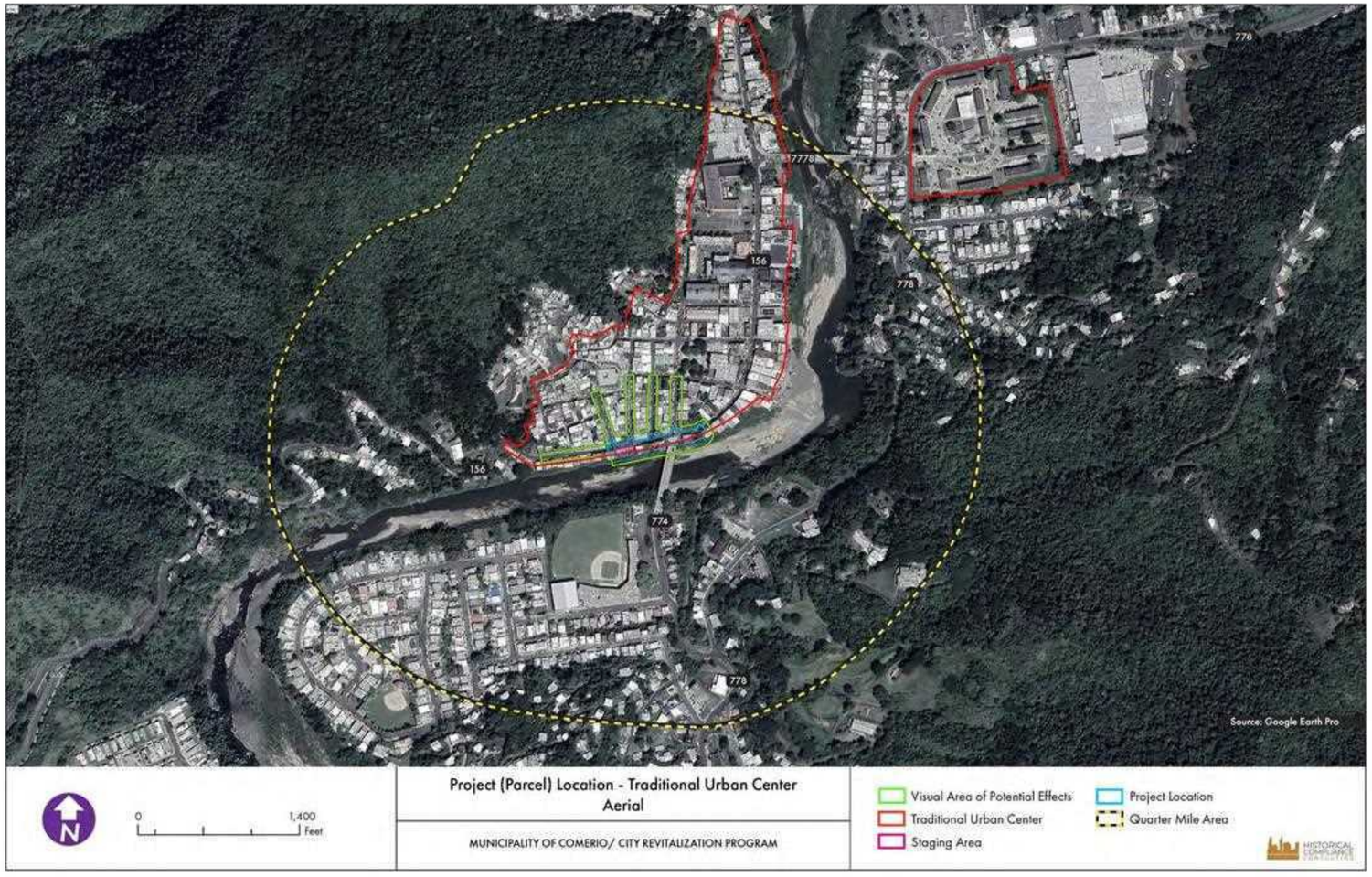
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 2 – Project (Parcel) Location – Area of Potential Effect Map (USGS Topographic)



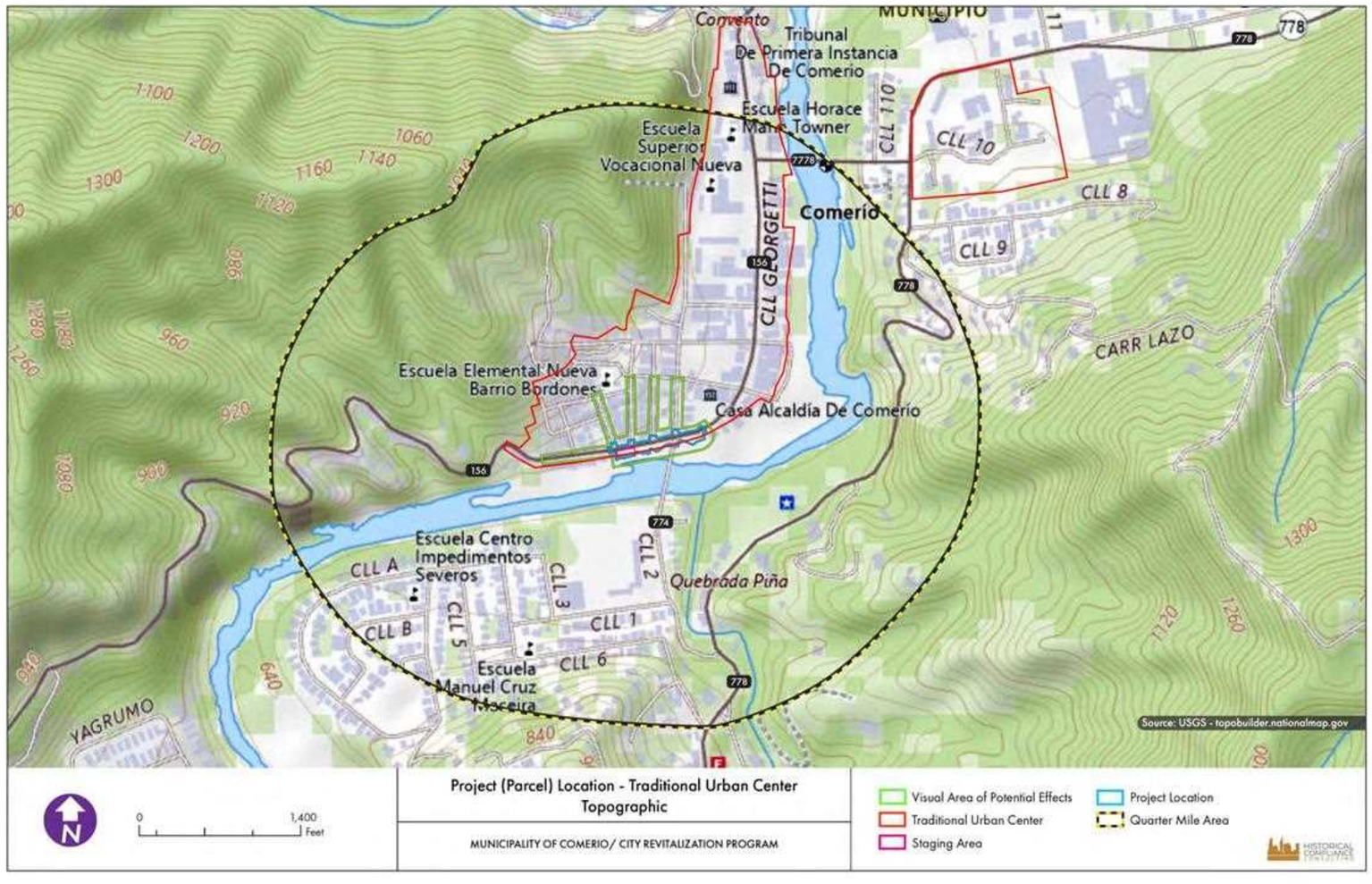
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 3 – Project (Parcel) Location – Traditional Urban Center (Aerial)



Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 4 – Project (Parcel) Location – Traditional Urban Center (USGS Topographic)



Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 5 – Project (Parcel) Location – Soils Map (Aerial)

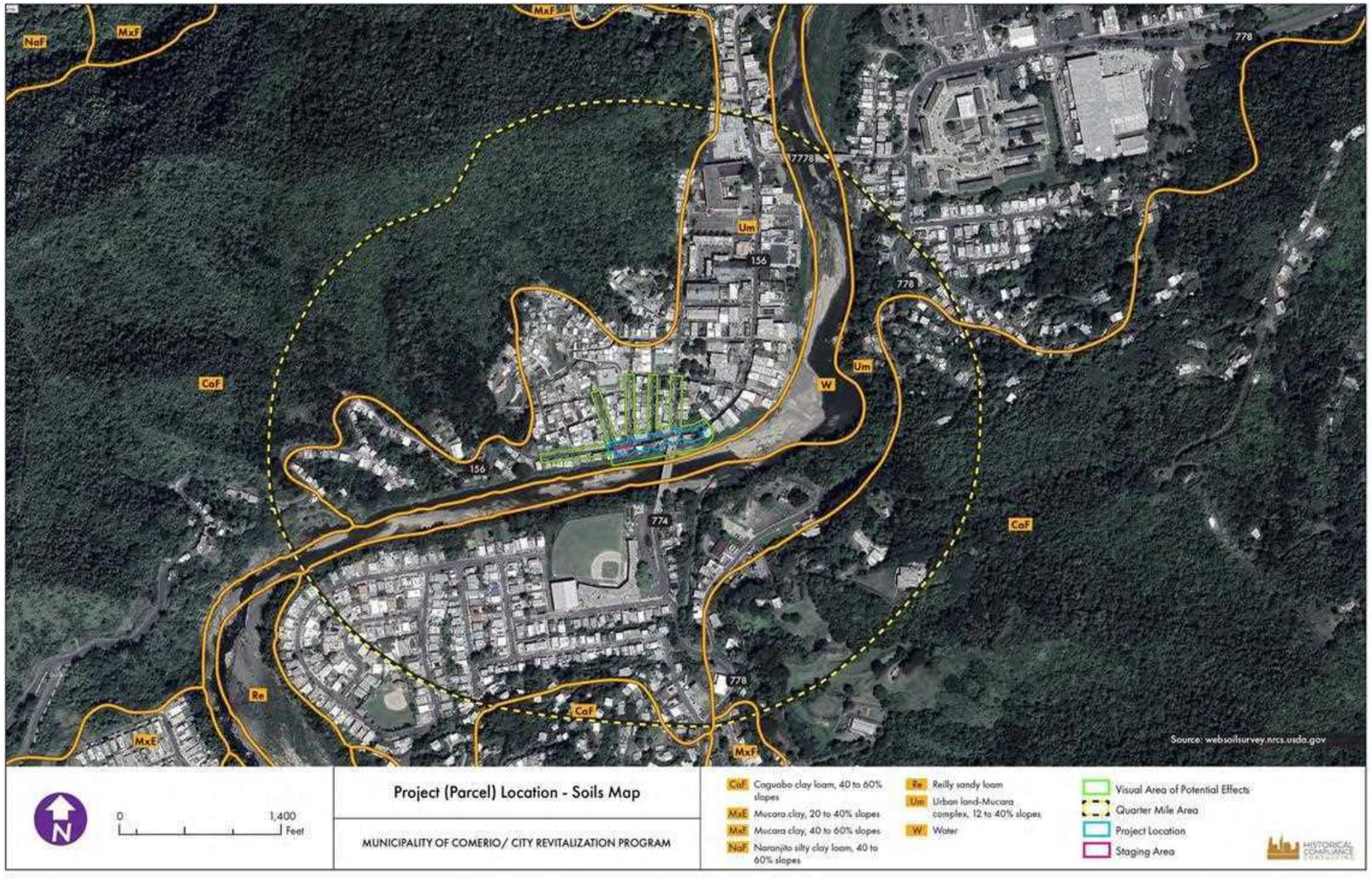


Figure 6 – Project (Parcel) Location – Historic Aerial Photograph - 1937



Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 7 – Project (Parcel) Location – Historic Aerial Photograph - 1951



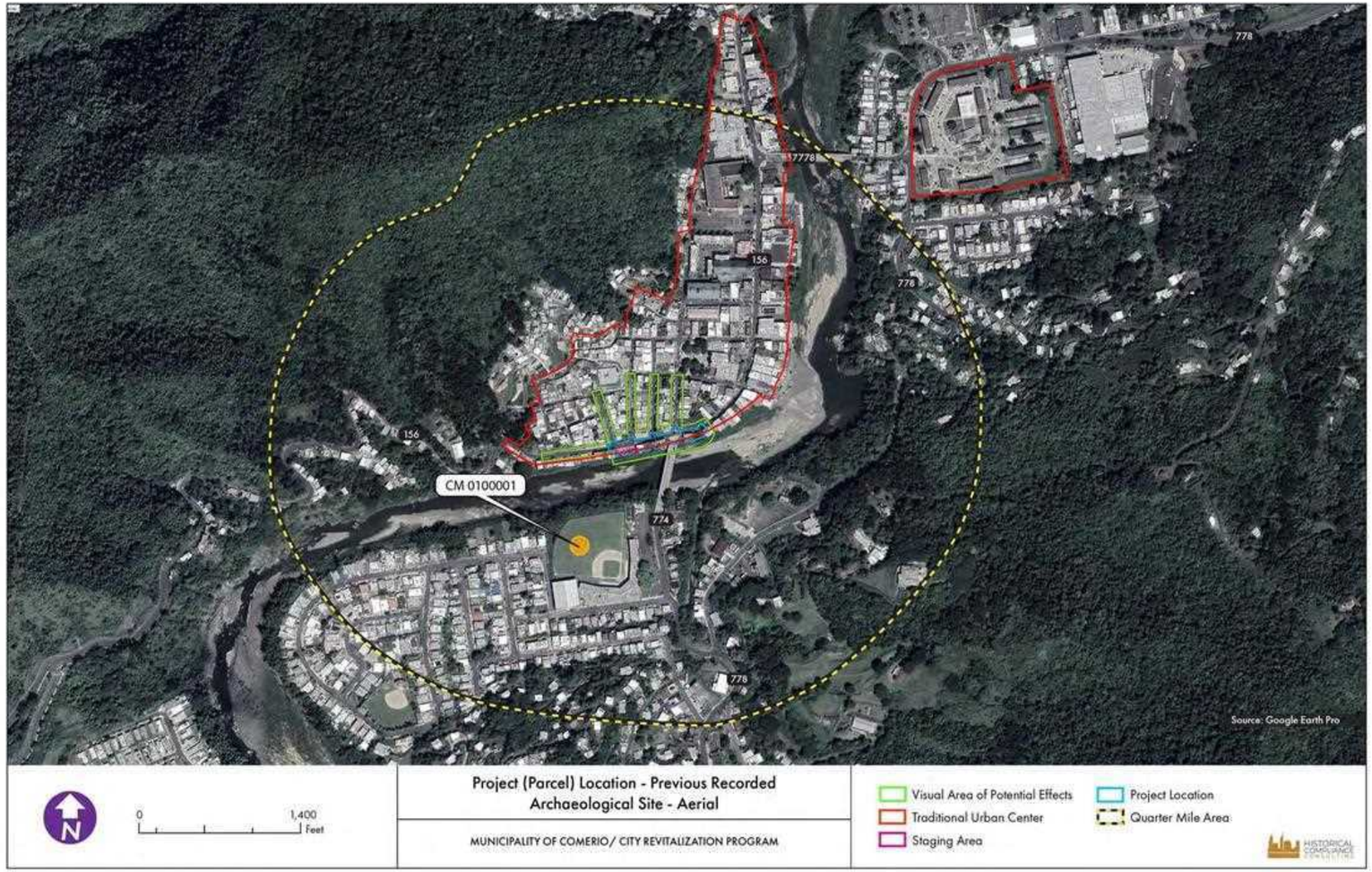
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 8 – Project (Parcel) Location – Historic Aerial Photograph - 1972



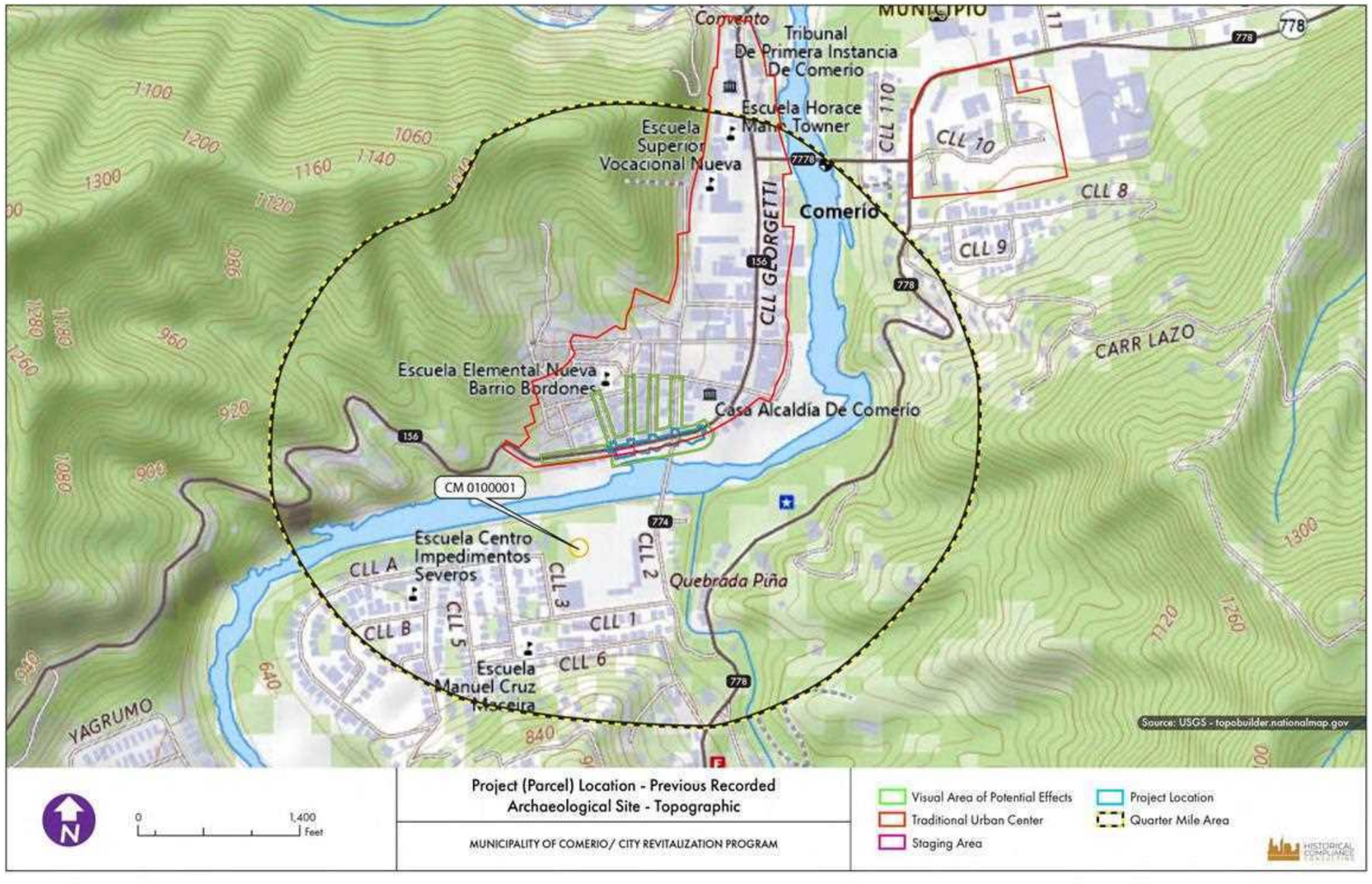
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 9 – Project (Parcel) Location with Previous Archaeological Site Map (Aerial)



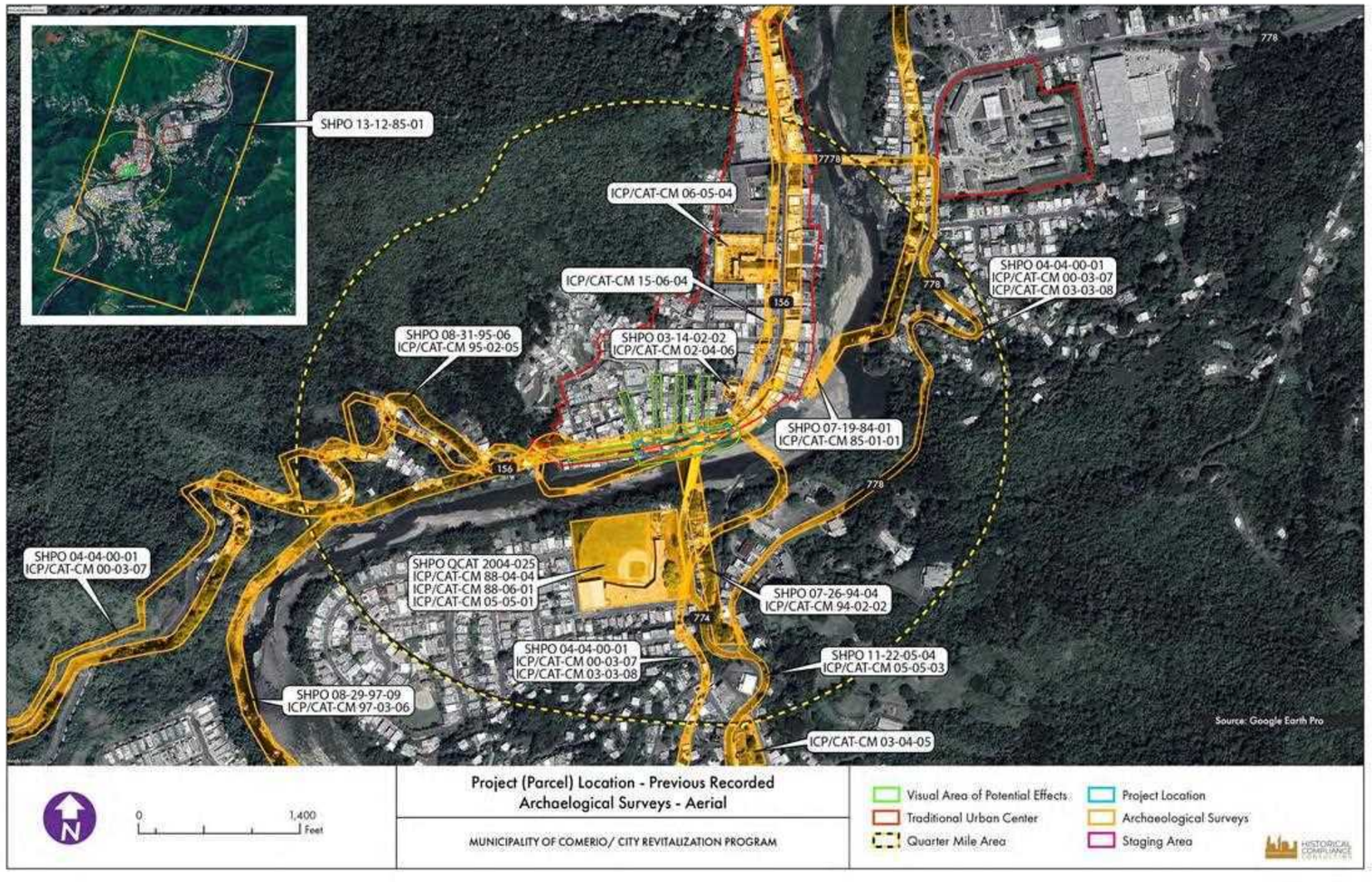
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 10 – Project (Parcel) Location with Previous Archaeological Site Map (USGS Topographic)



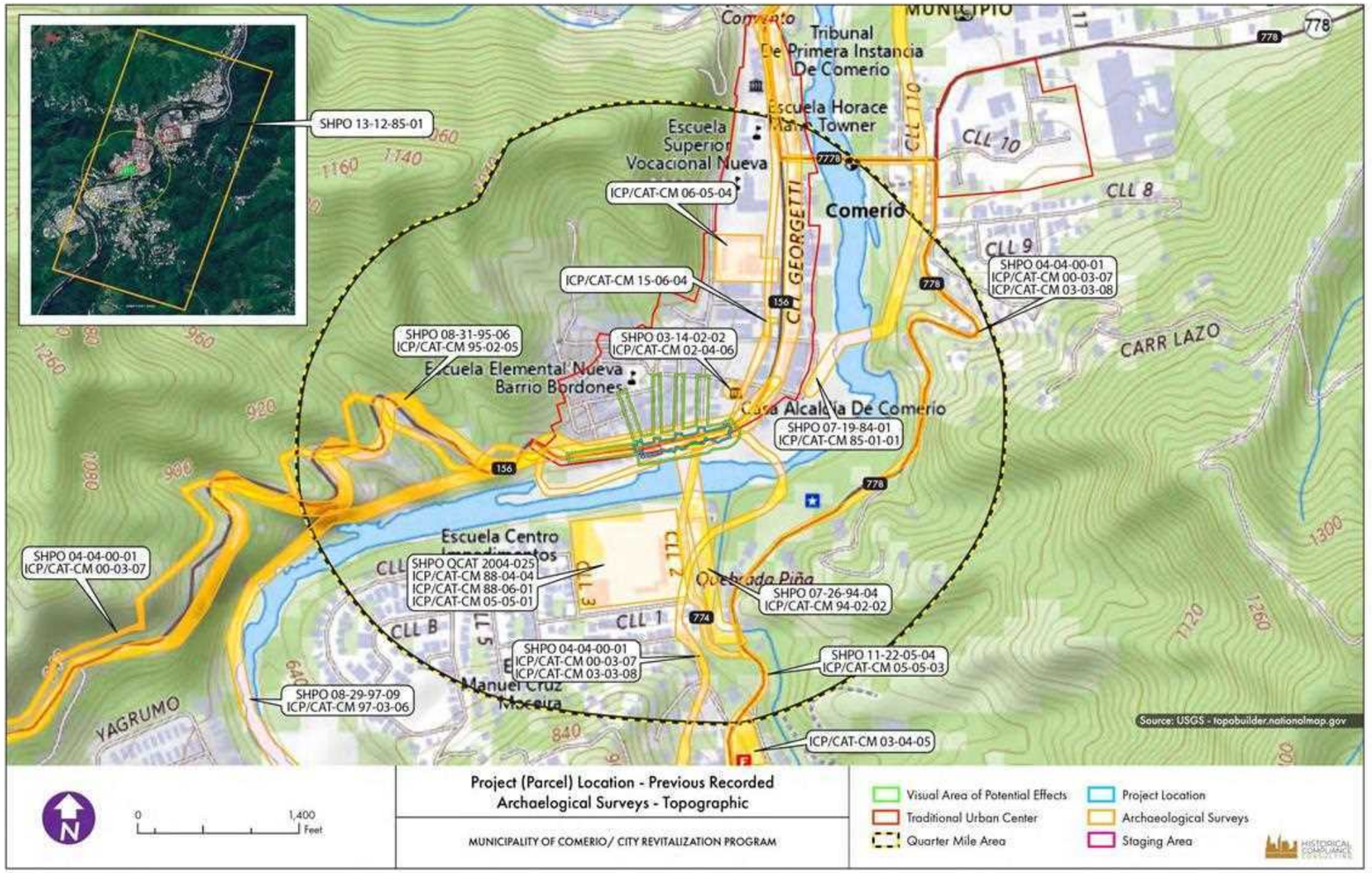
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 11 – Project (Parcel) Location with Previous Archaeological Surveys Map (Aerial)



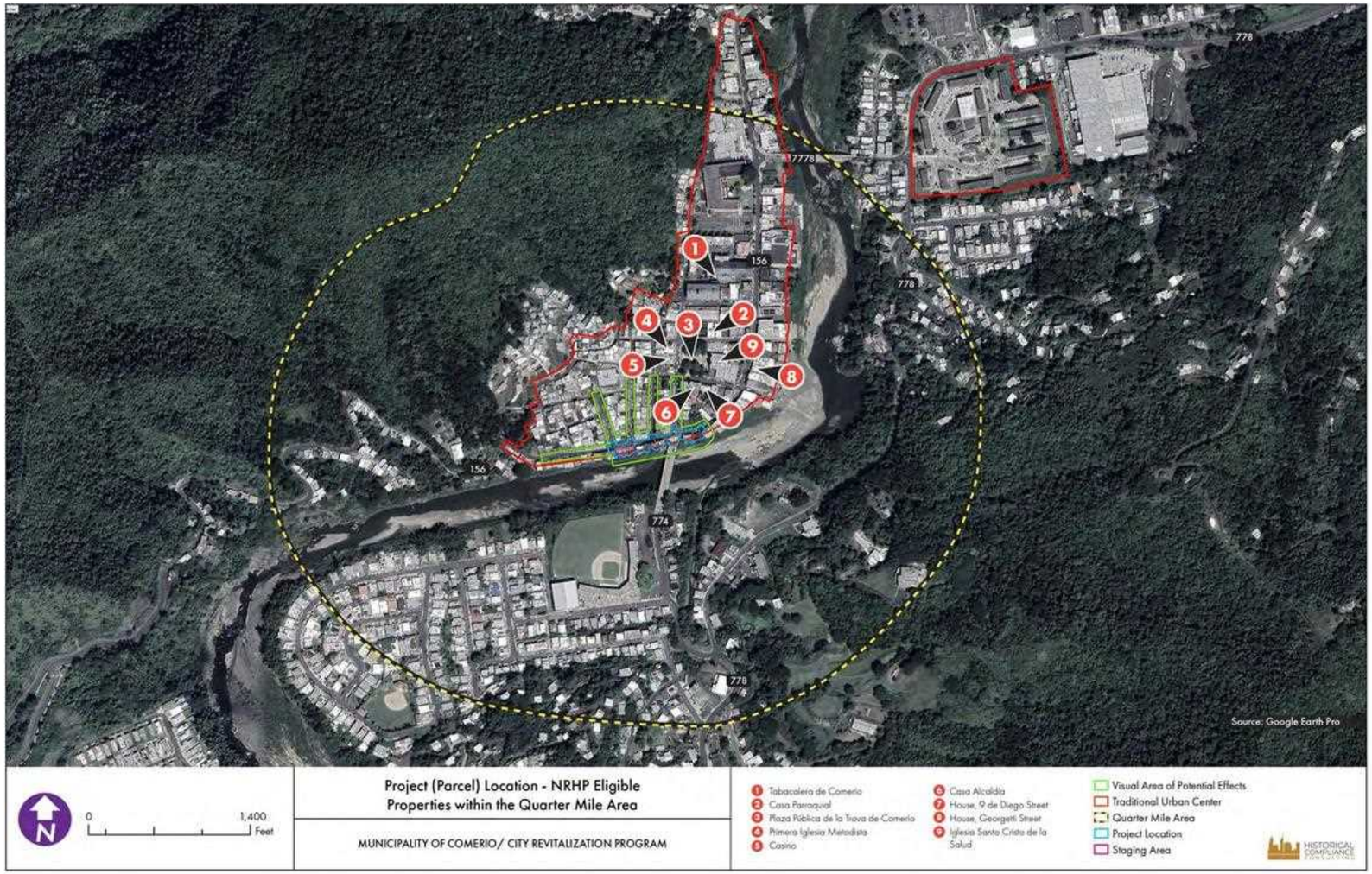
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 12 – Project (Parcel) Location with Previous Archaeological Surveys Map (USGS Topographic)



Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 13 – Project (Parcel) Location with Previous Identified Historic Properties (Aerial)



Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **City Revitalization Program (City-Rev)** **Section 106 NHPA Effect Determination**	
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Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	

Figure 14– Project (Parcel) Location – Photo Key Map





Photo #: 1 **Date:** 03/29/25	**Description:** View of the project site from the APE's limit on Muñoz Rivera Street (north), looking southwest.



Photo #: 2 **Date:** 03/29/25	**Description**: View of the project site from Muñoz Rivera Street, looking southwest



Photo #: 3	**Description:** View of the project site, looking southeast**.**
Date: 03/29/25	



Photo #: 4	**Description:** View of the project site on Georgetti Street, looking west.
Date: 03/29/25	

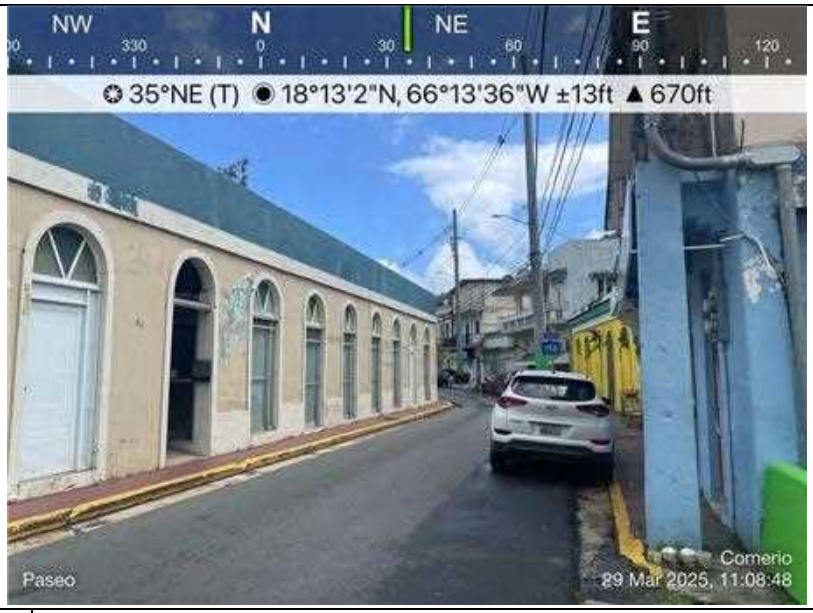


Photo #: 5	**Description:** View of the project site on Georgetti Street, looking northeast.
Date: 03/29/25	



Photo #: 6	**Description:** View of the project site on Georgetti Street, looking southwest**.**
Date: 03/29/25	



Photo #: 7 **Date:** 03/29/25	**Description:** View of the project site from the APE's limit from PR-774 (south), looking north.



Photo #: 8 **Date:** 03/29/25	**Description:** View of the Visual APE from José Vega Street from Georgetti Street, looking north.



Photo #: 9 **Date:** 03/29/25	**Description:** View of the project site from the APE's limit on José Vega Street (north), looking south.



Photo #: 10 **Date:** 03/29/25	**Description:** View of the project site from the APE's limit on Progreso Street (north), looking south.



Photo #: 11	**Description:** View of the project site from Progreso Street, looking south.
Date: 03/29/25	



Photo #: 12	**Description:** View of the project site, looking southwest.
Date: 03/29/25	

Puerto Rico 2017 Disaster Recovery, CDBG-DR Program City Revitalization Program (City-Rev) Section 106 NHPA Effect Determination	
Subrecipient: Comerío Municipality	
Case ID: PR-CPR-000570	**City**: Comerío, Puerto Rico
Project Name: Waterfront Park, Comerío, Puerto Rico	



Photo #: 13 **Date:** 03/29/25	**Description:** View from the project site of the Visual APE on Progreso Street, looking north.



Photo #: 14 **Date:** 03/29/25	**Description:** View of the project site of the Visual APE on Agapito Dávila Street, looking northwest.



Photo #: 15 **Date:** 03/29/25	**Description:** View of the project site from the APE's limit on Agapito Dávila Street (north), looking southeast.



Photo #: 16 **Date:** 03/29/25	**Description:** View of the project site on PR-156, looking southeast.



Photo #: 17	**Description:** View of the project site on PR-156 road, looking east.
Date: 03/29/25	



Photo #: 18	**Description:** View of project site from the APE's limit on PR-156, looking northeast.
Date: Google 2023[46]	

[46] Photograph 18: Access, Google, 2023, https://www.google.com/maps/place/Comerío

PR-CRP-000570
Waterfront Park Project
Comerío, Puerto Rico

90% Design Drawings

PROGRAMA DE REVITALIZACIÓN DE LA CIUDAD

DEPARTMENT OF HOUSING

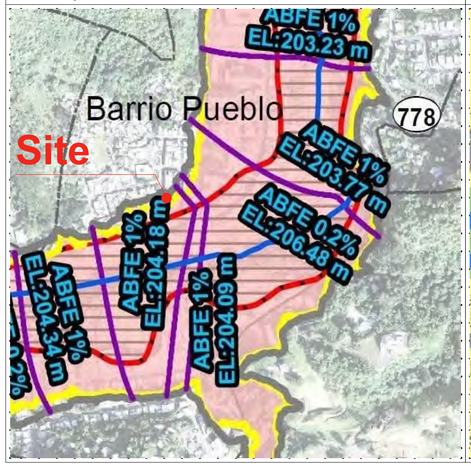
Aerial Photo Not to scale



Location Map Municipality: Comerio County: #Site Country Scale: not to scale Cadastre: 062-000-005-67 Coordinates: x: 238679.2016, y: 2659308627



Flood Map Map: 72000C0365J Date: 2018-05-12 Zone: X



Zone Map Zone Map: Comerio Qualification: Comercial [C1] Date: 2018-03-09 Not To Scale





Design Development 90%- ADVANCE PRINT

Municipality of Comerio Waterfront Park

Comerio Water Front Park

107 Calle Georgetti
#Site Address2
Comerio PR 00782

ISSUED FOR PERMIT OCTOBER 01 , 2024
Not-For-Construction

Project Number 23-02

SUITE 206
cobians plaza
parada 23 santurce
939.969.1553
WWW.ERERAS.COM

DREAMS DO COME TRUE

EUGENIO RAMIREZ BALLAGAS
ERBA arquitectos

EUGENIO RAMÍREZ BALLAGAS ARQUITECTO LICENCIADO LIC. #19796 PUERTO RICO

SHEET INDEX			Current Revision ID	Issue Name	Issued Date	Issued	Published
General							
	T.100	Title Sheet	01	Permit Set	8/11/2023 4:54 PM	☒	☒
General Exisiting Condistions							
	G-01	Project Information	02	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	G-02	General Notes	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	G-03	General Exisitng Condition Photos	01	Permit Set	8/11/2023 4:54 PM	☒	☒
Survey							
	SU-01	Asbuilt & Topography	01	Permit Set	8/11/2023 4:54 PM	☒	☒
	SU-02	Exisiting Topographic Profiles	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	SU-03	Asbuilt Plan for Transversal Hydraulic Sections	01	Construction Documents 60%- ...	4/30/2024 6:30 PM	☒	☒
	SU-04	Transversal Hydraulic Sections	01	Construction Documents 60%- ...	4/30/2024 6:30 PM	☒	☒
Civil							
	C-0.0	KEY PLAN	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-0.1	GENERAL NOTES	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-1.1	EXISTING SITE LAYOUT - WEST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-1.2	EXISTING SITE LAYOUT - EAST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-2.1	DEMOLITION SITE PLAN-WEST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-2.2	DEMOLITION SITE PLAN-EAST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-3.1	PROPOSED SITE LAYOUT - WEST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-3.2	PROPOSED SITE LAYOUT - EAST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-4.1	ALIGNMENT AND SECTIONS PLAN - WEST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-4.2	ALIGNMENT AND SECTIONS PLAN - EAST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-4.3	ALIGMENT PROFILE	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-4.4	SECTIONS	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-4.5	SECTIONS	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-4.6	SECTIONS			-	☐	☒
	C-4.7	SECTIONS			-	☐	☒
	C-5.1	GEOMETRIC PLAN - WEST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-5.2	GEOMETRIC PLAN - EAST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-5.3	GEOMETRIC DATA TABLE	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-6.1	GRADING PLAN - WEST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-6.2	GRADING PLAN - EAST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-7.1	UTILITIES PLAN - WEST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-7.2	UTILITIES PLAN - EAST	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-8.0	CIVIL DETAILS	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-8.1	CIVIL DETAILS	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	C-8.2	CIVIL DETAILS			-	☐	☒
	SM-1.1	SIGNING AND PAVEMENT MARKING PLAN - W...	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	SM-1.2	SIGNING AND PAVEMENT MARKING PLAN - EA...	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	SM-2.0	SIGN DATATABLE AND PAVEMENT MARKING D...	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	CES-1.1	EROSION AND SEDIMENT CONTROL PLAN - W...	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	CES-1.2	EROSION AND SEDIMENT CONTROL PLAN - E...	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	CES-2.0	EROSION AND SEDIMENT CONTROL DETAILS	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	MOT-1.0	MAINTENANCE OF TRAFFIC KEY PLAN			-	☐	☒
	MOT-2.1	MAINTENANCE OF TRAFFIC - PHASE NO.1			-	☐	☒
	MOT-2.2	MAINTENANCE OF TRAFFIC - PHASE NO.2			-	☐	☒
	MOT-2.3	MAINTENANCE OF TRAFFIC - PHASE NO.3			-	☐	☒
	MOT-3.0	MAINTENANCE OF TRAFFIC NOTES AND DETA...			-	☐	☒
	MOT-4.0	MAINTENANCE OF TRAFFIC - TEMPORARY SI...			-	☐	☒
Site Plan							
	A.100	Architectural Existing Condition Floor Plan	01	Permit Set	8/11/2023 4:54 PM	☒	☒
	A.100.01	Architectural Demolition Plan	01	Permit Set	8/11/2023 4:54 PM	☒	☒
	A.100.02	Proposed Site Plan	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.100.03	Proposed Site Plan Construction Phases	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	A.100.04	Zone Color Diagram Phase 1	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	A.100.05	Division 09- Finishes Phase 1	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	A.100.06	Zone Color Diagram Phase 2	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	A.100.07	Division 09- Finishes Phase 2	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	A.100.08	Master Plan_ Tridimensional Views	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.100.09	Master Plan_ Tridimensional Views	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
Architectural							
	A.200	West Corridor Plan Areas	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.201	ZONE 1 Corridor + Plaza los Pescadores	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.202	ZONE 1 Corridor + Plaza los Pescadores	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.203	ZONE 1 Corridor + Plaza los Pescadores	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.204	ZONE 1 Corridor Enlarged Elevations	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.G.100	ZONE 1 Calle Georgetti	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.300	ZONE 2 Corridor Central Plaza+ Miradero	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.301	ZONE 2 Corridor Sections	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.302	ZONE 2 Corridor Central Plaza + Miradero	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.G.200	ZONE 2 Calle Georgetti	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒

SHEET INDEX			Current Revision ID	Issue Name	Issued Date	Issued	Published
	A.400	ZONE 3 Corridor + Miraderos	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.401	ZONE 3 Corridor Sections	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.402	ZONE 3 Corridor Sections			-	☐	☒
	A.G.300	ZONE 3 Calle Georgetti & Typical Sections	01	Design Development 60%	10/18/2023 11:01 AM	☒	☒
	A.500	East Side Corridor Plan Areas	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.600	Architectural Floor Plan_ El Tueste	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.601	Architectural Sections_ El Tueste	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.602	Historical Facade & Section Details_ El Tueste			-	☐	☒
	A.603	Architectural Structural Details_ El Tueste			-	☐	☒
	A.609	Tueste_ Tridimensional Views	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.610	General Elevation	01	Construction Documents 60%- ...	4/30/2024 6:30 PM	☒	☒
Large Scale Views							
	A.701	Architectural Detail- Balcony & Stairs [Zone 3]	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.700	Architectural Detail - Ramp & Balcony [Zone 2 & 3]	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.702	Ventana al Rio Side Walk + Street Conditions Deta...	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.703	Ventana al Rio Side Walk + Street Conditions	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.704	Ventana al Rio Side Walk + Street Conditions & Sc...	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.705	Architectural Detail- Bench Enlarged Plan Details ...	01	Design Development 60%- Coti...	4/1/2024 8:10 PM	☒	☒
	A.706	Speed Tables & Street Marks- Enlarged Plan	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.707	Crosswalk Enlarged Plans- Details	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
	A.800	Schedules	01	Design Development 60%	4/1/2024 8:09 PM	☒	☒
Terramesh Sections + Civil							
	A.MS 100	Terramesh proposed wall system sections			-	☐	☒
Electrical							
	ES-1.1	ELECTRICA SITE PLAN			-	☐	☒
	E-1.1	ELECTRICAL SITE PLAN - AREA "A"			-	☐	☒
	E-1.2	ELECTRICAL SITE PLAN - AREA "B"			-	☐	☒
	E-1.3	ELECTRICAL SITE PLAN - AREA "C"			-	☐	☒
	E-1.4	LIGHTING ENLARGED PLAN "El Tueste"			-	☐	☒
	E-2.1	LEGEND, NOTES, SCHEDULES & DETAILS			-	☐	☒
	E-2.2	ELECTRICAL ONE LINE DIAGRAM AND DETAILS			-	☐	☒

Issue History

Issue	ID	Name	Revision	Changes
01, Permit Set, 8/11/2023 4:54 PM				
	AD.100	Architectural Demolition Plan	01	
	EC.100	Architectural Exisitng Condition Floor Plan	01	
	EC.101	Exisitng Condition Photos	01	
	A.100	Architectural Site Plan	01	
	A.101	South & North Elevation	01	
	A.102	SECTIONS	01	
	A.103	SECTIONS	01	
	A. 000	Proposed 3D Views	01	
	HS.100	Architectural Proposed Plan-SECTIONS	01	
	HS.101	Elevations	01	
	HS.102	Proposed 3D Views	01	
	SU-01	Survey	01	
	T.100	Title Sheet	01	
	T.200	Project Information	01	
02, Design Development 60%, 10/18/2023 11:01 AM				
	A3.1	Area Plan West Zones	01	
	A3.2	ZONE 1 Plaza los Pescadores	01	
	A3.3	ZONE 1 Plaza los Pescadores	01	
	A3.5	ZONE 2 Plaza Central + Miradero	01	
	A3.6	South Elevation Details	01	
	A3.7	ZONE 2 Plaza Central + Miradero	01	
	A3.8	Calle Georgetti zona 2	01	
	A3.9	PLAZA INICIAL + Miraderos	01	
	A3.10	Plaza Inicial Secciones	01	
	A3.11	P.S.8 Calle Georgetti zona 3	01	
	A.12	Architectural Details- Typical Section Details	01	
	A.100	Architectural Site Plan	01	
	B.01	Boring Marks	01	
	P.S3	Planter & Speed Tables Enlarged Plans	01	
	SU.02	Topography	01	
	SU.3	Survey Map Approved	01	
	SU.4	Survey Plan Data	01	
	T.200	Project Information	02	03
03, Design Development 60%, 4/1/2024 8:09 PM				
	A.100.08	Master Plan_ Tridimensional Views	01	
	A.100.09	Master Plan_ Tridimensional Views	01	
	A.203	ZONE 1 Corridor + Plaza los Pescadores	01	
	A.301	ZONE 2 Corridor Sections	01	
	A.500	East Side Corridor Plan Areas	01	
	A.600	Architectural Details_ El Tueste	01	
	A.601	Reflected Ceiling_ El Tueste	01	
	A.602	Architectural Details_ El Tueste	01	
	A.605	Tueste_ Interior Elevations _ Bathrooms	01	
	A.607	Tueste_ Tridimensional Views	01	
	A.700	Architectural Detail - Ramp & Balcony [Zone 2 & 3]	01	
	A.701	Architectural Detail- Balcony & Stairs [Zone 3]	01	
	A.702	Ventana al Rio Side Walk + Street Conditions Details	01	
	A.703	Ventana al Rio Side Walk + Street Conditions	01	
	A.704	Ventana al Rio Side Walk + Street Conditions & Schedules	01	
	A.707	Speed Tables- Enlarged Plan	01	
	A.708	Crosswalk Enlarged Plans- Details	01	
	A.800	Schedules	01	
	C-0.0	KEY PLAN	01	
	C-0.1	GENERAL NOTES	01	
	C-1.1	EXISTING SITE LAYOUT - WEST	01	

Issue History

Issue	ID	Name	Revision	Changes
	C-1.2	EXISTING SITE LAYOUT - EAST	01	
	C-2.1	DEMOLITION SITE PLAN-WEST	01	
	C-2.2	DEMOLITION SITE PLAN-WEST	01	
	C-3.1	PROPOSED SITE LAYOUT - WEST	01	
	C-3.2	PROPOSED SITE LAYOUT - EAST	01	
	C-4.1	ALIGNMENT AND SECTIONS PLAN - WEST	01	
	C-4.2	ALIGNMENT AND SECTIONS PLAN - EAST	01	
	C-4.3	PROFILE	01	
	C-4.4	PROFILE AND SECTIONS	01	
	C-4.5	SECTIONS	01	
	C-5.1	GEOMETRIC PLAN - WEST	01	
	C-5.2	GEOMETRICAL PLAN - EAST	01	
	C-5.3	GEOMETRIC DATA TABLE	01	
	C-6.1	GRADING PLAN - WEST	01	
	C-6.2	GRADING PLAN - EAST	01	
	C-7.1	UTILITIES PLAN - WEST	01	
	C-7.2	UTILITIES PLAN - EAST	01	
	C-8.0	CIVIL DETAILS	01	
	C-8.1	CIVIL DETAILS	01	
	E-1.1	ELECTRICAL SITE PLAN - AREA "A"	01	
	E-1.2	ELECTRICAL SITE PLAN - AREA "B"	01	
	E-1.3	ELECTRICAL SITE PLAN - AREA "C"	01	
	E-1.4	LIGHTING PLAN - (BLOW-UP) "El Tueste"	01	
	E-1.5	POWER AND TELECOMM., PLAN- (BLOW-UP) "El Tueste"	01	
	E-2.1	LEGEND, NOTES, SCHEDULES & DETAILS	01	
	E-2.2	ELECTRICAL ONE LINE DIAGRAM AND DETAILS	01	
	ES-1.1	ELECTRICA SITE PLAN	01	
	G-02	General Notes	01	
	L-000	General Notes	01	
	L-100	Landscape Key Plan	01	
	L-101	Tree Planting Plan	01	
	L-102	Shrubs and Groundcovers Planting Plan	01	
	L-200	Planting Details	01	
04, Design Development 60%- Cotizacion, 4/1/2024 8:10 PM				
	A.100.03	Proposed Site Plan Construction Phases	01	
	A.100.04	Zone Color Diagram Phase 1	01	
	A.100.05	Division 09- Finishes Phase 1	01	
	A.100.06	Zone Color Diagram Phase 2	01	
	A.100.07	Division 09- Finishes Phase 2	01	
	A.603	Tueste_ Interior Elevations _ Cafetin	01	
	A.604	Tueste _ Cafetin_Crystal Block Wall Details	01	
	A.606	Tueste Bathroom Interior Elevations	01	
	A.706	Architecturtal Detail- Bench Enlarged Plan Details & Schedules	01	
	CES-1.1	EROSION AND SEDIMENT CONTROL PLAN - WEST	01	
	CES-1.2	EROSION AND SEDIMENT CONTROL PLAN - EAST	01	
	CES-2.0	EROSION AND SEDIMENT CONTROL DETAILS	01	
	SM-1.1	SIGNING AND PAVEMENT MARKING PLAN - WEST	01	
	SM-1.2	SIGNING AND PAVEMENT MARKING PLAN - EAST	01	
	SM-2.0	SIGN DATATABLE AND PAVEMENT MARKING DETAIL	01	
05, Construction Documents 90%, 4/16/2024 11:36 AM				
	A.603	Architectural Sections_ El Tueste	01	
	A.604	Historical Facade Details_ El Tueste	01	
06, Construction Documents 60%- Permit Set, 4/30/2024 6:30 PM				
	A.610	General Elevation	01	
	SU-03	Asbuilt Plan for Transversal Hydraulic Sections	01	
	SU-04	Transversal Hydraulic Sections	01	

Rev/ID	CHD	Change Name	Date
01			8/11/2023
02	03	02- Design Development 60%	10/18/2023

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

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Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que he supervisado su preparación y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción vigentes adoptados por las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Protección de Propiedad Vacante o Estructuras Inmendadas, conocida como la "Ley para la Invención de Vagancia", según enmendada. Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Prevención de Incendios", según enmendada. Ley Núm. 84 de 26 de junio de 1970, según enmendada. Ley Núm. 96 de 6 de julio de 1938, según enmendada. Ley Núm. 134 de 28 de junio de 1969, según enmendada. Ley Núm. 76 de 5 de agosto de 1975, según enmendada. Ley Núm. 9 de 11 de marzo de 1970, según enmendada. Ley Núm. 75 de 24 de junio de 1975, según enmendada. Ley Núm. 416 de 22 de septiembre de 2004, según enmendada, conocida como la "Ley de Procedimiento Administrativo Uniforme del Gobierno de Puerto Rico". Declaro bajo juramento que la información provista en esta declaración jurada es fidedigna y correcta a mi mejor conocimiento. Esta declaración la hago a sabiendas de las leyes que penalizan la falsificación de los hechos que aquí se declaran. Reconozco que cualquier error, omisión o falsedad en la información provista en esta declaración jurada podría resultar en la revocación de mi licencia profesional por mala conducta profesional y/o negligencia. Por medio de la presente, libero de responsabilidad a la Oficina de Gerencia de Permisos por cualquier error, omisión o falsedad en la información provista en esta declaración jurada. Reconozco que soy el responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Juan Rodriguez Diego
Comerio | PR

Project Info:
Cadastre: 092-000-005-67
APPR: 24P-000570
Project: 2023
10/1/2024 | 2:27 PM

Drawing Name:
General Exisiting Condistions
Project Information
PROJECT INDEX, Architectural Site Plan

Drawing Scale: **1" = 1'-0"**

Drawing Status: **Design Development 60%- ISSUED FOR PERMIT**

Layout ID:
G-01

Revision:
02
Modified by:
r.osorio
Checked by:
r.osorio+e.ramirez
Approved by
e.ramirez

GENERAL CONSTRUCTION NOTES:

1. THE DRAWINGS AND SPECIFICATION NOTES COMPLY, TO THE BEST OF OUR KNOWLEDGE, WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH US THE TERRITORY OF PUERTO RICO.

2. ALL WORK SHALL COMPLY WITH THE PROVISIONS OF THE ***PUERTO RICO BUILDING CODE AND ALL APPLICABLE ORDINANCES AND PROVISIONS***.

3. ALL WORK SHALL COMPLY WITH THE PROVISIONS OF THE LOCAL BUILDING CODE AND ALL APPLICABLE ORDINANCES AND PROVISIONS

4. THE CONTRACTOR SHALL SUBMIT A COMPLETE CONSTRUCTION SCHEDULE TO THE OWNER, WHICH COORDINATES ALL WORK WITH SUPPLIERS, SUB-CONTRACTORS AND SPECIALTY CONTRACTORS WITH THE FINAL BID.

5. IN ORDER TO START CONSTRUCTION, THE CONTRACTOR SHALL PREVIOUSLY OBTAIN AND PAY FOR ALL REQUIRED CONSTRUCTION PERMITS AND FEES, PROVIDE A SIGN ON-SITE WITH CONSTRUCTION PERMIT NUMBER AND INFORMATION, PER OMPU & OGPE REQUIREMENTS. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION THE GENERAL CONTRACTOR IS TO PROVIDE THE OWNER WITH A CONSTRUCTION SCHEDULE AND A COPY OF THE PERMIT.

6. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL NECESSARY CERTIFICATES OF INSURANCE, WORKMEN'S COMPENSATION, WITH THE DEPARTMENT OF BUILDINGS, PAY ALL APPLICABLE FEES, AND PROVIDE ANY AND ALL BONDS REQUIRED BY ANY CITY AGENCY IN ORDER TO DO THE WORK HEREIN DESCRIBED. CONTRACTOR SHALL SECURE AND KEEP IN FORCE FOR THE DURATION ON THE PROJECT ALL REQUIRED PROPERTY AND LIABILITY INSURANCE COVERAGE

7. THE CONTRACTOR SHALL SECURE ALL CERTIFICATES OF INSPECTION AND OF OCCUPANCY THAT MAY BE REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER THE WORK

8. EACH CONTRACTOR & SUBCONTRACTOR SHALL CARRY PUBLIC LIABILITY, PROPERTY DAMAGE AND WORKMAN'S COMPENSATION INSURANCE AND SHALL PROVIDE OWNER WITH A VALID CERTIFICATE.

9. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE RULES, REGULATIONS, AND PROCEDURES OF THE OWNER, THE BEST TRADE PRACTICES, AND GOVERNMENTAL AUTHORITIES HAVING JURISDICTION OVER THE WORK INCLUDING, BUT NOT LIMITED TO, "PROJECT LOCATION CITY/COUNTY" DEPARTMENT OF BUILDINGS, THE BOARD OF FIRE UNDERWRITERS, PUERTO RICO FIRE DEPARTMENT, AND OSHA.

10. THE ARCHITECT AND ENGINEER DO NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR OR ANY OTHER PERSONS PERFORMING WORK OR FAILURE OF ANY OF THEM TO CARRY OUT WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

11. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS.

12. PLUMBING AND ELECTRICAL WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADES, WHO SHALL ARRANGE FOR AND OBTAIN INSPECTIONS AND REQUIRED SIGN-OFFS.

13. THE CONTRACTOR SHALL PROVIDE ADEQUATE WEATHER PROTECTION FOR THE BUILDING AND ITS CONTENTS DURING THE COURSE OF WORK. ALL OPENINGS IN ANY WALL OR ROOF SHALL BE PROTECTED FROM ALL FORMS OF WEATHER OR WATER PENETRATION.

14. ALL CONTRACTORS SHALL PROTECT THE WORK OF OTHER TRADES. ANY & ALL CONFLICTS BETWEEN TRADES ARE TO BE COORDINATED BY THOSE TRADES AND NOTIFICATION OF SUCH CONFLICTS MADE TO THE ARCHITECT AND THE OWNER. ANY DAMAGED WORK SHALL BE REPLACED BY THE CONTRACTOR CAUSING SAID DAMAGE(S) AT HIS EXPENSE.

15. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD, WHETHER OR NOT SPECIFICALLY NOTED, AND SHALL REPORT ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS TO THE ARCHITECT IN WRITING PRIOR TO STARTING WORK.

16. THE CONTRACTOR SHALL EXAMINE ALL AREAS IN WHICH WORK IS TO BE CONSTRUCTED AND SHALL REPORT ANY SUCH WORK WHICH IS NOT IN SUITABLE CONDITION TO RECEIVE WORK UNDER THIS CONTRACT. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE CONDITION OF THE FINISHED WORK AFTER THE WORK UNDER THIS CONTRACT IS STARTED.

17. THE CONTRACTOR SHALL VISIT THE JOB SITE AND SHALL VERIFY ARCHITECT'S DIMENSIONS AND DETAILS PRIOR TO INITIAL BID SUBMITTAL. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY ERRORS, OMISSIONS, DISCREPANCIES AND/OR CONFLICTS IN CONSTRUCTION DOCUMENTS, BEFORE BID SUBMITTAL, WHICH WOULD INTERFERE COMPLETION OF THIS WORK OR WHICH WOULD AFFECT THE BID PRICE. ALL DISCREPANCIES NOT BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER PRIOR TO FINAL BID SUBMITTAL SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER

18. DO NOT SCALE DRAWINGS. ALL PLAN DIMENSIONS TAKE PRECEDENCE OVER THE SCALING OF THE PLANS. THE DIMENSIONS ARE CALCULATED AND ANNOTATED BY COMPUTER AND ROUNDED TO THE NEAREST INCH. LOCATING PARTITIONS TO CENTERLINE OF MULLIONS (WHERE APPLICABLE) SHALL TAKE PRECEDENCE OVER GIVEN DIMENSIONS.

19. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER CONSTRUCTION OF ANY PART OF WORK, SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS.

20. ALL WORK SHALL BE LIMITED TO THAT SHOWN ON THE PERMIT DOCUMENTS. NO ADDITIONAL WORK SHALL BE DONE WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER AND ARCHITECT. ANY ADDITIONAL WORK PERFORMED WITHOUT THIS CONSENT SHALL BE DONE AT THE CONTRACTOR'S SOLE EXPENSE. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR NOTED.

21. CONTRACT DRAWINGS ARE PARTLY DIAGRAMMATIC. THEY ARE INTENDED TO SHOW THE SCOPE OF THE WORK, GENERAL SIZE AND ARRANGEMENT OF EQUIPMENT AND THEIR APPROXIMATE LOCATIONS. SOME CONNECTIONS AND ACCESSORIES HAVE BEEN OMITTED FOR CLARITY. THIS DOES NOT RELIEVE THE CONTRACTOR FROM PROVIDING ALL CONNECTIONS AND ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE AND READY TO OPERATE AND ACCEPTABLE TO THE ARCHITECT.

22. ALL DRAWINGS AND SPECIFICATIONS REFER TO EACH OTHER AND MUST BE REVIEWED TOGETHER.

23. CONTRACTOR IS TO NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS IN THE DRAWINGS OR SPECIFICATIONS, AND ARCHITECT IS TO MAKE THE FINAL DETERMINATION.

24. THE CONTRACTOR SHALL LAY OUT HIS OWN WORK AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES (PLUMBING, ELECTRICAL, ETC.).

25. THE CONTRACTOR SHALL DO ALL CUTTING, FITTING, OR PATCHING OF WORK THAT MAY BE REQUIRED TO MAKE ALL WORK COME TOGETHER PROPERLY AND FIT TO RECEIVE, OR BE RECEIVED BY, WORK OF OTHER CONTRACTORS SHOWN UPON OR REASONABLY IMPLIED BY THE DRAWINGS AND NOTES.

26. DO NOT CUT AND PATCH STRUCTURAL ELEMENTS IN A MANNER THAT WOULD REDUCE THEIR LOAD-CARRYING CAPACITY OR LOAD-DEFLECTION RATIO.

27. NO STRUCTURAL MEMBER SHALL BE NOTCHED, CUT, ALTERED OR MOVED IN ANY WAY WITHOUT PREVIOUS WRITTEN AUTHORIZATION FROM ARCHITECT OR STRUCTURAL ENGINEER. THERE SHALL BE NO PENETRATIONS IN PRE-STRESSED BEAMS OR JOISTS AND NO DRILLING OR SHOOTING HANGERS OR PINS IN PRE-STRESSED BEAMS OR PRE-CAST JOISTS.

28. OBTAIN APPROVAL FROM OWNER BEFORE CUTTING AND PATCHING THE FOLLOWING OPERATING BUILDING ELEMENTS OR SAFETY RELATED SYSTEMS: PRIMARY OPERATIONAL SYSTEMS AND EQUIPMENT, AIR OR SMOKE BARRIERS, FIRE PROTECTION SYSTEMS, CONTROL SYSTEMS, COMMUNICATION SYSTEMS, AND ELECTRICAL WIRING SYSTEMS.

29. THE GENERAL CONTRACTOR, SUB-CONTRACTORS AND ALL VENDORS ARE TO VERIFY ALL CLEARANCES (CORRIDORS, STAIRS, ELEVATORS, ETC.) REQUIRED FOR DELIVERIES, PASSAGE OF ALL JOB MATERIALS OR EQUIPMENT. THE OWNER'S PROJECT MANAGER SHALL BE INFORMED OF ANY POTENTIAL OR ACTUAL PROBLEMS WHICH, IN ANY WAY, MIGHT AFFECT WORK, SCHEDULING, ANY VENDORS, SUBCONTRACTORS, ETC. INCLUDING AFTER HOURS DELIVERIES IMPOSED BY LANDLORD.

30. GENERAL CONTRACTOR SHALL HAVE A SUPERVISOR / SUPERINTENDENT WHO IS AT THE JOB SITE AT ALL TIMES WHILE WORK IS BEING DONE AND A PROJECT MANAGER DEDICATED TO THE PROJECT FOR THE DURATION OF THE CONSTRUCTION PROCESS.

31. THE CONTRACTOR SHALL PROVIDE AT KICK OFF MEETING THE NAMES OF HIS PROJECT MANAGER, FIELD SUPERINTENDENT AND OTHER KEY FIELD PERSONNEL.

32. THE CONTRACTOR CANNOT REPLACE, EXCEPT FOR TERMINATION OF EMPLOYMENT OR RESIGNATION THE PROJECT MANAGER OR FIELD SUPERINTENDENT WITHOUT THE WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE. THE CONTRACTOR MUST NOTIFY THE OWNER IN WRITING OF HIS INTENT TO REPLACE THE PROJECT MANAGER OR FIELD SUPERINTENDENT, AND PROVIDE REASONS FOR THIS CHANGE. THE OWNER RESERVES THE RIGHT TO DISAPPROVE OF THE PROPOSE REPLACEMENT.

33. THE ARCHITECT/CLIENT RESERVES THE RIGHT TO HAVE THE GENERAL CONTRACTOR'S FIELD SUPERINTENDENT OR PROJECT MANAGER REMOVED FROM THE JOB IF SAID PERSON IS IN ANYWAY JEOPARDIZING THE PROJECT WITH APPROVAL OF THE OWNER.

34. IN THE CASE OF TERMINATION OF EMPLOYMENT OR RESIGNATION, THE CONTRACTOR MUST NOTIFY THE OWNER IN WRITING AS TO WHO THE REPLACEMENT WILL BE. THE OWNER RESERVES THE RIGHT TO DISAPPROVE THE PROPOSED REPLACEMENT.

35. THE CONTRACTOR MUST NOTIFY THE OWNER IN WRITING WHEN OTHER KEY PERSONNEL WILL BE REPLACED.

36. PROVIDE AND MAINTAIN AT A CONVENIENT LOCATION WITHIN THE JOB SITE, A COMPLETE SET OF THE SIGNED AND SEALED PERMIT DOCUMENTS INCLUDING ALL THE LATEST SHOP DRAWINGS, ADDENDUMS, REVISIONS AND SUPPLEMENT SHEETS FOR REFERENCE AND COORDINATION FOR CONSTRUCTION.

37. THE GENERAL CONTRACTOR WILL ENSURE PROPER SUPERVISION AND MAKE SURE CONSTRUCTION EQUIPMENT AND MATERIALS ARE STORED AND PLACED SO AS NOT TO ENDANGER THE PUBLIC, THE WORKERS OR ADJOINING PROPERTY FOR THE DURATION OF THE CONSTRUCTION PROJECT AND THAT EQUIPMENT AND MATERIALS ARE NOT STORED IN ELECTRICAL AND MECHANICAL ROOMS DURING CONSTRUCTION.

38. THE GENERAL CONTRACTOR WILL ENSURE ALL EXIT ACCESS AND EXITS ARE TO REMAIN CLEAR AND UNOBSTRUCTED DURING CONSTRUCTION. NO PORTION OF CORRIDORS CAN BE BLOCKED AT ANY TIME DURING CONSTRUCTION FOR MATERIALS STORAGE PURPOSES OR FOR ANY OTHER REASON. EXIT SIGN SHALL REMAIN VISIBLE IN CASE OF EMERGENCY.

39. ALL WORK IS TO CONFORM TO PERMIT DRAWINGS AND SPECIFICATIONS, ANY CONDITIONS IN THE FIELD AFFECTING THE DESIGN CONCEPT ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID SUBMITTAL.

40. CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL WORK WITH SUPPLIERS, SUBCONTRACTORS AND SPECIALTY CONTRACTORS.

41. EXPEDITE THE PURCHASE OF "LONG LEAD" MANUFACTURED ITEMS TO ASSURE PROMPT DELIVERY AND INSTALLATION. THE CONTRACTOR SHALL PURCHASE, COORDINATE & INSTALL ALL APPLIANCES AND EQUIPMENT UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PERMIT DRAWINGS. SPECIFICATIONS AND INSTALLATIONS METHODS PROVIDED BY MANUFACTURE SHALL BE STRICTLY FOLLOWED AND ARE HERE WITH MADE A PART OF THESE DOCUMENTS.

42. CONTRACTOR SHALL COORDINATE ALL OWNER FURNISHED AND INSTALLED ITEMS. VERIFY ITEMS PRIOR TO BID SUBMITTAL.

43. PROVIDE ALL NECESSARY ELECTRICAL OR MECHANICAL EQUIPMENT MAINTENANCE AND INSTRUCTION MANUALS TO THE OWNER FOR REVIEW.

44. CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR ARRANGING HOISTING FACILITIES FOR HANDLING MATERIALS.

45. ALL BUILDING RESTROOMS ARE NOT TO BE USED BY CONSTRUCTION PERSONNEL. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE FOR SUCH SERVICES IN THE GENERAL CONDITIONS OF THEIR BID.

46. ALL WORKMAN WILL USE DESIGNATED ENTRANCE DOORS FOR ENTERING OR LEAVING THE BUILDING AND CONSTRUCTION AREA. ALL MATERIALS AND/OR DELIVERIES SHALL BE THROUGH THESE ENTRANCES. SPECIAL PERMISSION, BY THE OWNER, SHALL BE REQUIRED TO USE ANY OTHER ENTRANCES.

47. ALL WOOD IN CONTACT W/ MASONRY OR CONCRETE SHALL BE PRESSURE TREATED.

48. ALL SPECIFIED MATERIALS SHALL BE NEW OF QUALITY SPECIFIED AND DELIVERED IN AMPLE QUANTITY TO THE JOB SITE TO PREVENT DELAY OF WORK.

49. PATCH & REPAIR ALL WALLS & COLUMN WHERE DEMOLITION HAS DAMAGED SAME.

50. TO PROVIDE AND PERFORM A FLOOD TEST ON THE WATERPROOF MEMBRANE PRIOR TO INSTALLATION OF TILE OR STONE FINISH MATERIAL ON TOP OF WATERPROOFING MEMBRANE. NOTIFICATION AND ATTENDANCE IS REQUIRED BUT NOT LIMITED TO GENERAL CONTRACTOR, ARCHITECT, WATERPROOFING CONTRACTOR, AND OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL. IF TESTING FAILS AND REPAIRS ARE MADE TO WATERPROOFING SYSTEM, IT WILL BE NECESSARY TO CONDUCT ANOTHER FLOOD TEST TO ENSURE COMPLETE WATERPROOF INTEGRITY IS ACHIEVED PRIOR TO ANY FINISH MATERIAL INSTALLATION.

51. ALL CHANGE ORDERS SHALL BE IN WRITING AND SHALL BE SIGNED BY OWNER AND ARCHITECT.

52. NOISE SHALL BE KEPT TO A MINIMUM. ALL SHOOTING OF HILTE GUNS OR SIMILAR NOISE PRODUCING MACHINERY THAT MAY DISTURB GUESTS AND OR TENANTS SHALL BE DURING TIMES AS SPECIFIED BY THE OWNER

53. WHERE TWO METALS ARE AFFIXED TO EACH OTHER, THE GENERAL CONTRACTOR WILL PROVIDE THE NECESSARY INSULATION MATERIAL SO THAT NO VIBRATION OR NOISE IS TRANSMITTED BETWEEN THE METALS.

54. GC AND ALL SUB CONTRACTORS TO USE DIELECTRIC SEPARATOR ON ALL DISSIMILAR METALS.

55. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION AGAINST THE WEATHER AS TO MAINTAIN THE WORK, MATERIALS, APPARATUS AND FIXTURES FREE FROM INJURY OR DAMAGE. ANY WORK DAMAGED BY FAILURE OF THE CONTRACTOR TO PROVIDE PROTECTION SHALL BE REMOVED AND REPLACED WITH NEW WORK AT CONTRACTORS EXPENSE.

56. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL ELEMENTS WHICH HAVE NOT BEEN DESIGNED OR ENGINEERED IN THESE DRAWINGS.

57. CONTRACTOR SHALL, PRIOR TO SUBMITTING A SHOP DRAWING TO THE PROPERTY OR PROJECT OWNER, REVIEW EACH SUCH SUBMISSION FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND OPERATIONS OF CONSTRUCTION, AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR; APPROVE EACH SUCH SUBMISSION BEFORE SUBMITTING IT; AND SO STAMP EACH SUCH SUBMISSION BEFORE SUBMITTING IT. DESIGN PROFESSIONAL SHALL ASSUME THAT NO SHOP DRAWING OR RELATED SUBMITTAL COMPRISES A VARIATION UNLESS CONTRACTOR ADVISES DESIGN PROFESSIONAL OTHERWISE VIA A WRITTEN INSTRUMENT WHICH IS ACKNOWLEDGED BY DESIGN PROFESSIONAL IN WRITING. THE SHOP DRAWINGS AND RELATED MATERIAL (IF ANY) CALLED FOR ARE INDICATED BELOW. IN THE EVENT THAT DESIGN PROFESSIONAL WILL REQUIRE MORE THAN TEN (10) WORKING DAYS TO PERFORM REVIEW, DESIGN PROFESSIONAL SHALL SO NOTIFY CONTRACTOR.

58. THE CONTRACTOR SHALL INCLUDE ALL TEMPORARY UTILITIES (IF APPLICABLE) INCLUDING ELECTRICITY, WATER AND TELEPHONE IN HIS BIDS AND PROVIDE ALL TEMPORARY UTILITIES, CLOSURES, SHORING AND PROTECTION REQUIRED FOR THE SAFE COMPLETION OF THE WORK.

59. THE GENERAL CONTRACTOR AND ANY INDEPENDENT SUBCONTRACTORS HIRED BY THEM SHALL EXERCISE DUE CARE AND SKILL IN PERFORMING ALL WORK WITH REGARDS TO THIS PROJECT.

60. ALL WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER AND IN ACCORDANCE WITH ALL GOVERNING BODIES, RULES, AND REGULATIONS. REMOVE RUBBISH AND DEBRIS DAILY, LEAVE JOB CLEAN UPON COMPLETION OF WORK, INCLUDING CLEANING OF HARDWARE, FIXTURES, AND GLASS, AND REMOVING OF STAINS, DUST, DIRT, AND PAINT, AND POLISHING OF ALL FINISHED FLOORS AND CABINETRY.

61. ONCE THE SPACE IS COMPLETED AND ACCEPTED THE GENERAL CONTRACTOR SHALL SUBMIT AS-BUILT PLANS OF THE SPACE TO THE ARCHITECT WHICH INCLUDES THE ELECTRICAL CONTRACTOR'S AS-BUILT PLANS. A SET OF REPRODUCIBLE VELLUMS SHALL ALSO BE SUBMITTED AS MARKUPS WITH DIMENSIONS TO THE OWNER.

62. THE CONTRACTOR SHALL AND DOES HEREBY WARRANT AND/OR GUARANTY THAT ALL MOVEABLE OR ADJUSTABLE WORK SHALL REMAIN IN PERFECT WORKING ORDER, INCLUDING HARDWARE, WEATHERSTRIPPING, DOORS, WINDOWS, DRAWERS, APPARATUS, MACHINERY, ELECTRICAL EQUIPMENT, AND ALL OTHER EQUIPMENT TO WHICH THIS HEADING IS APPLICABLE, FOR A PERIOD OF ONE YEAR FROM DATE OF COMPLETION AS EVIDENCED BY THE DATE OF FINAL ACCEPTANCE OF THIS WORK.

63. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR RE-DOING ANY WORK THAT FAILS TO CONFORM TO THE DRAWINGS AND DETAILS AS SHOWN IN THESE CONSTRUCTION DOCUMENTS, AND CORRECT ANY DEFECTS DUE TO FAULTY MATERIALS AND WORKMANSHIP WHICH APPEAR WITHIN ONE YEAR FROM DATE OF MOVE-IN. THESE PROVISIONS APPLY, ALSO, TO WORK DONE BY DIRECT EMPLOYEES OF THE CONTRACTOR, SUB-CONTRACTORS OR VENDERS. NOTHING IN THE ABOVE INTENDS OR IMPLIES THAT THIS GUARANTY SHALL APPLY TO WORK WHICH HAS BEEN ABUSED OR NEGLECTED BY THE OWNER OR HIS SUCCESSOR IN INTEREST.

64. ALL NEW DOOR OPENINGS TO BE 36" WIDE TYPICAL (OR LARGER) UNLESS OTHERWISE NOTED.

65. ALL REMAINING CONSTRUCTION SHALL BE PATCHED TO MATCH ADJACENT SURFACES AFTER DEMOLITION WHERE REQUIRED. THE GENERAL CONTRACTOR SHALL FLASH PATCH ALL CRACKS, HOLES, AND OTHER IMPERFECTIONS (PROJECTIONS SHALL BE REMOVED AND PATCHED) TO PROVIDE A CONTINUOUS SMOOTH SURFACE FOR THIS WORK.

66. WHERE FIRE PROTECTION OR SEPARATIONS ARE BEING REMOVED CONTRACTOR SHALL PROVIDE TEMPORARY RATED CONSTRUCTION TO MATCH EXISTING RATING IN ORDER THAT CURRENTLY OCCUPIED SPACES WILL NOT BE EXPOSED TO ANY INCREASED HAZARD OF FIRE OR SMOKE SPREAD.

67. THE CONTRACTOR SHALL AT ALL TIMES PROTECT THE PROPERTY OF THE BUILDING AND OWNER. THE CONTRACTOR SHALL PROTECT ALL EXISTING CONDITIONS TO REMAIN FROM DAMAGE AND SOILING DURING THE CONSTRUCTION PERIOD. ANY DAMAGED OR SOILED ITEMS SHALL BE RESTORED TO "LIKE NEW CONDITION" AT NO COST TO THE OWNER. IT IS THE INTENT OF THIS CONTRACT THAT THE ENTIRE AREA WITHIN THE CONTRACT LIMITS SHALL BE IN A "LIKE NEW CONDITION" AND THAT ANY DAMAGE TO OTHER AREAS CAUSED BY THIS CONSTRUCTION WORK SHALL BE REPAIRED AND RESTORED BEFORE ACCEPTANCE BY THE OWNER.

68. THE CONTRACTOR SHALL FURNISH A SYSTEM OF TEMPORARY LIGHTS THROUGHOUT THE SPACES UNDER CONSTRUCTION AS REQUIRED TO MAINTAIN MINIMUM SAFE LIGHTING LEVELS.

69. ALL HEIGHTS NOTED A.F.S. (ABOVE FINISHED SLAB) SHALL BE ABOVE A SINGULAR 0'-0" DATUM POINT AT THE HIGH POINT OF THE EXISTING CONCRETE FLOOR SLAB OR OTHER POINT DETERMINED BY THE ARCHITECT IN THE FIELD. THE GENERAL CONTRACTOR SHALL PROVIDE A TEMPORARY MEASURING LINE AT 5'-0" A.F.S.. THE ARCHITECT SHALL INSPECT THIS LINE PRIOR TO ITS USE IN ESTABLISHING HEIGHTS.

70. GC TO PROVIDE LAYOUT OF WALLS, WITH SNAPPED LINES, FOR REVIEW AND APPROVAL BY ARCHITECT AND OWNER. GC TO CONFIRM LAYOUTS PROVIDE CODE REQUIRED CLEARANCES WHERE NECESSARY.

71. THE CONTRACTOR SHALL COORDINATE THE SETTING OF ALL NECESSARY BLOCKING AS INFERRED, OR CALLED FOR, ON DRAWINGS.

72. THE CONTRACTOR SHALL REPLACE ANY CONCRETE CURB AND SIDEWALK THAT S CRACKED, SETTLED, RAISED OR IN DISREPAIR.

73. THE CONTRACTOR SHALL MAKE ALL REQUIRED ARRANGEMENTS FOR DELIVERING OF EQUIPMENT AND/OR MATERIALS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK AND COMPLY WITH THE RULES AND REGULATIONS GOVERNING THE WORK ON THE PREMISES, THE SCHEDULING AND TIME OF DELIVERY SHALL BE ESTABLISHED WITH THE PERSON HAVING JURISDICTION OVER THE PREMISES. OVERTIME CHARGES AND/OR ANY OTHER NECESSARY EXPENSES SHALL BE PAID BY THE CONTRACTOR REQUIRING THE SERVICE.

74. CONTRACTOR TO REQUEST SERVICE SHUT DOWNS AND FIRE PROTECTION DEVICE DISCONNECTS THREE (3) DAYS IN ADVANCE TO THE OWNER. CONTRACTOR MUST FILL OUT STANDARD REQUEST FORMS.

75. SUBSTITUTION; CONTRACTOR IS TO SUPPLY ALL EQUIPMENT AND MATERIALS AS DESCRIBED BY THE DRAWINGS. IF SUBSTITUTIONS ARE RECOMMENDED THEY MUST BE SUBMITTED FOR REVIEW BY THE ARCHITECT AND THE OWNER.

76. ALL WORK THAT IS EITHER IMPLIED OR REASONABLY INFERABLE FROM THE DRAWINGS AND SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE INCLUSION OF ANY WORK BY MENTION, NOTE, DETAIL, ITEMIZATION OR IMPLICATION, HOWEVER BRIEF, MEANS THAT THE CONTRACTOR SHALL FURNISH AND INSTALL SAME. ALL WORK PERFORMED SHALL INCLUDED ALL APPURTENANCES AND APPARATUS NORMALLY DEEMED TO BE A PART OF A COMPLETED PACKAGE WITHIN THE DEFINITIONS OF NORMAL INDUSTRY STANDARDS.

77. THE TERM N.I.C. IS INTENDED TO MEAN "NOT IN CONTRACT."

78. THE GENERAL CONTRACTOR SHALL COORDINATE THE WORK OF ALL OTHER CONTRACTS INCLUDING ELECTRICAL, COMMUNICATIONS, AND PLUMBING AND ANY ITEMS THAT ARE N.I.C.

79. REMOVE EXISTING PARTITIONS WHERE SHOWN ON PLANS, PATCH AND REPAIR FLOOR, WALLS, CEILINGS, ETC. AS REQUIRED TO MATCH ADJACENT SURFACES AND/OR AS DIRECTED ON PLANS.

80. CONTRACTOR TO DO ALL CUTTING, PATCHING, AND REPAIRING AS REQUIRED TO PERFORM ALL THE WORK INDICATED ON THE DRAWINGS AND ALL OTHER WORK AS MAY BE REQUIRED TO COMPLETE THE JOB.

81. PATCH AND REPAIR ALL EXISTING WORK, CEILINGS, MOLDINGS, WALLS, BASE, FLOORS, ELECTRICAL AND PLUMBING WHERE DAMAGED BY NEW WORK.

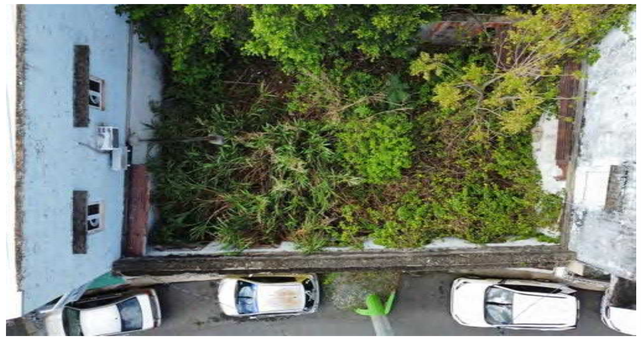
82. ALL DIMENSIONS ARE FINISH TO FINISH, WALLS AND PARTITIONS, UNLESS OTHERWISE NOTED.

Rev/ID	CHG	Change Name	Date
01			4/1/2024

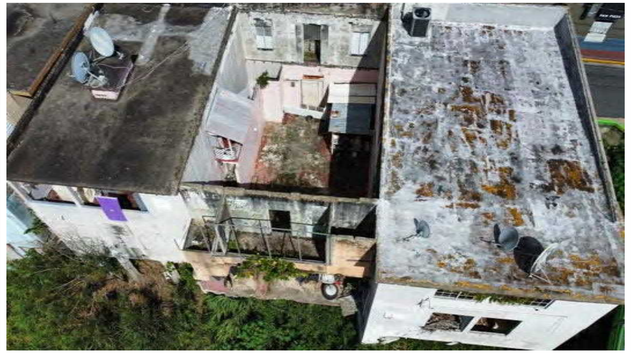
EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que estos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos, y Codigos de Construcción vigentes en la Administración de Reglamentos y Permisos, Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido como la Ley para la Invención Responsable de Puerto Rico de 2004, según enmendada, conocida como la "Ley para la Invención Responsable de Puerto Rico", Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención Responsable de Puerto Rico", y la Ley Núm. 96 de 6 de julio de 1988, según enmendada, Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley de Propiedad Intelectual de Puerto Rico", y yo soy el único responsable de todos los hechos que se haya producido por negligencia, por omisión, mi declaración falsa o falsificación de

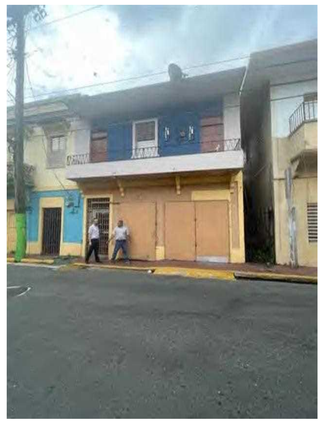


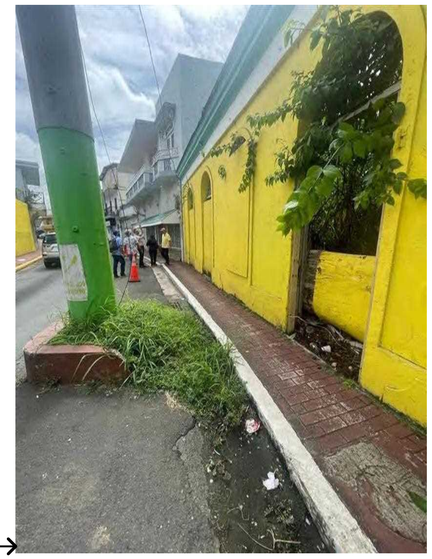










Note: This photos are reference for the exisitng conditions documentation process. These images include selected spatial sequences showing street versus sidewalk conditions as well as the image of the entire architectural frontage with respect to the *La Plata River* and the conditions of these infrastructures.

Historical Facade to be reconstructed and refinish






Date:
8/11/2024

Rev/D | CHD | Change Name

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
ARCHITECTURE
PLANNING
DESIGN

Certification:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, y que según mi mejor conocimiento y entender que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos de los Municipios Autónomos y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Dignificación de la Profesión de Arquitectura de 2004, según enmendada, conocida como la "Ley para la Dignificación de la Profesión de Arquitectura y la Arquitectura Paisajista" Ley Núm. 96 de 6 de julio de 2004, según enmendada, y la Ley Núm. 66 de 1 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Dignificación de la Profesión de Arquitectura y la Arquitectura Paisajista" y la declaración falsa o falsificación de los hechos que se haya producido en la preparación de estos planos y especificaciones podría resultar en sanciones por negligencia profesional por mi parte. No me hago responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
PO Box Company
11 Calle Colegio Diego
Comerio | PR

Project Info:
Catastro: 092-000-005-67
ID: PK-2400570
Permit: 2024-300570
10/1/2024 12:57 PM

Drawing Name:
General Existing Conditions
General Existing Condition Photos
Existing Condition Site Plan

Drawing Scale:
1:6.44, 1:6.75, 1:2.45, 1:2.46, 1:1.84, 1:1.86

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Layout ID:
G-03

Revision:
01

Modified by:

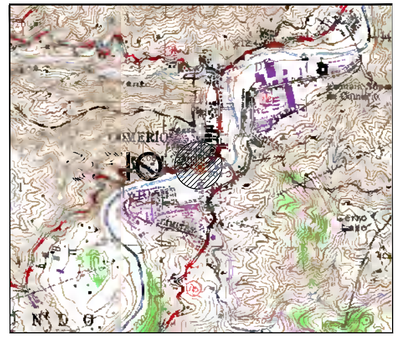
Checked by:

Approved by

PROYECTO:ASBUILT Y TOPOGRAFIA

PROPIETARIO:GOBIERNO MUNICIPAL DE COMERIO

LOCALIZACION: P.R. 156 Y CALLE GEORGETTI COMERIO, PR



MAPA TOPOGRAFICO

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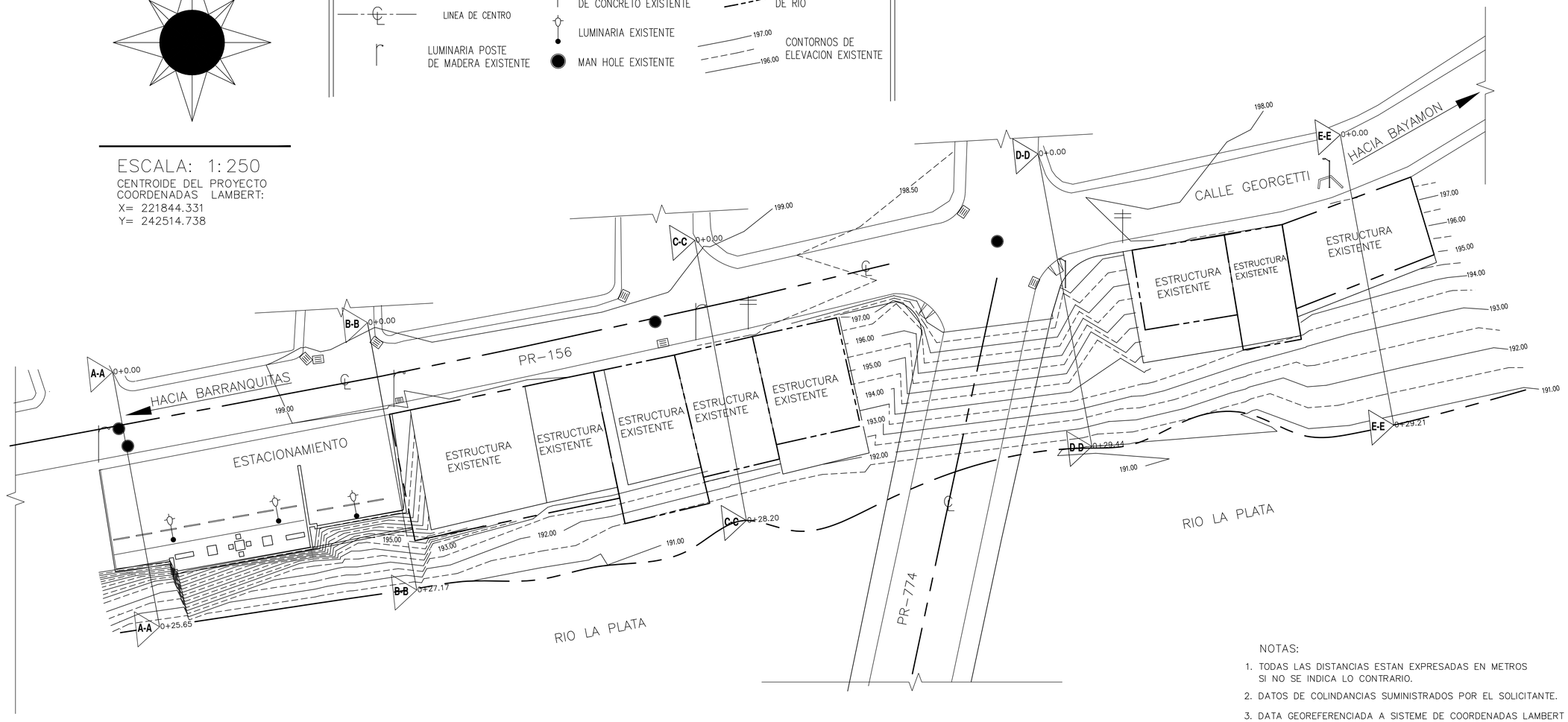
ESCALA: 1:250

CENTROIDE DEL PROYECTO
COORDENADAS LAMBERT:
X= 221844.331
Y= 242514.738

LEYENDA:

- LIMITE DE PROPIEDAD
- PUNTO DE COLINDANCIA
- LINEA DE CENTRO
- LUMINARIA POSTE DE MADERA EXISTENTE
- LUMINARIA POSTE DE CONCRETO EXISTENTE
- POSTE (LUMA) DE CONCRETO EXISTENTE
- LUMINARIA EXISTENTE
- MAN HOLE EXISTENTE
- POCETO EXISTENTE
- LIMITE DE CAUCE DE RIO
- CONTORNOS DE ELEVACION EXISTENTE



NOTAS:

1. TODAS LAS DISTANCIAS ESTAN EXPRESADAS EN METROS SI NO SE INDICA LO CONTRARIO.
2. DATOS DE COLINDANCIAS SUMINISTRADOS POR EL SOLICITANTE.
3. DATA GEOREFERENCIADA A SISTEME DE COORDENADAS LAMBERT NAD83 Y M.S.L. (NIVEL PROMEDIO DEL MAR).
   REF FRAME: NAD 83 (2011) (EPOCH: 2010.0000) ITRF2014.

CERTIFICACION:
"Yo, Héctor L. Benítez Alvarado, Licencia 7179 PS., certifico que soy el profesional que confeccionó especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados a Obras de Construcción, 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 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Invención por la Industria Puertorriqueña" y con la Ley Núm. 314 de 4 de enero de 2004, según enmendada, conocida como "Ley para Fomentar el Uso de Fuentes de Energía Renovable". Asimismo, certifico que he examinado el sitio de construcción y las condiciones existentes de los mismos y que dicha información se ha considerado en la preparación de estos planos y especificaciones según aplique. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con c monocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe."

TITULO:
COMERIO WATER FRONT PARK
CALLE GIORGETTI COMERIO PUERTO RICO

FECHA:	DESCRIPCION	POR:

DIBUJADO POR: J.R.B.S.

DIBUJO:

FECHA: 4/18/2024

DIBUJO NUMERO: A-1

NUM. DE HOJA: 1 OF 2

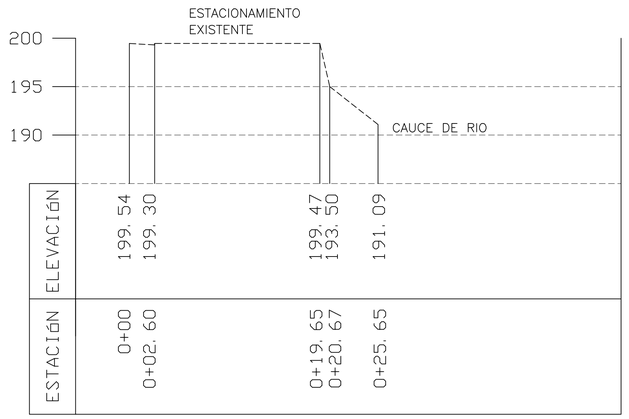
HECTOR LUIS BENITEZ
AGRIMENSOR
LICENCIADO
NUM. 7179
PUERTO RICO

SELLO DEL INGENIERO:

PROYECTO:SECCIONES TRANSVERSALES

PROPIETARIO:GOBIERNO MUNICIPAL DE COMERIO

LOCALIZACION: P.R. 156 Y CALLE GEORGETTI COMERIO, PR



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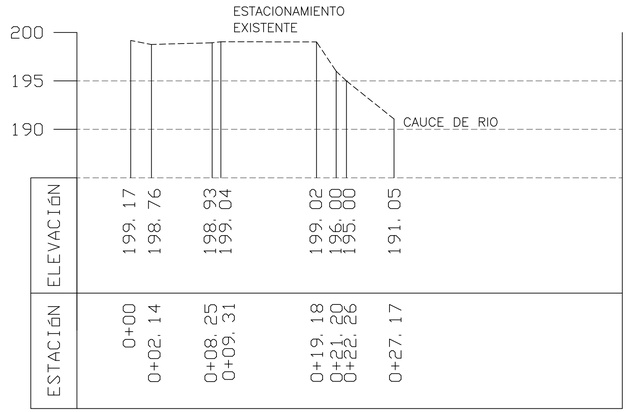

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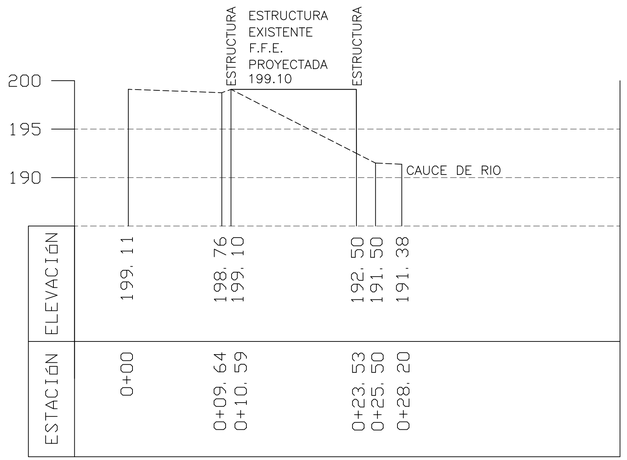

PERFIL LONGITUDINAL: C-C

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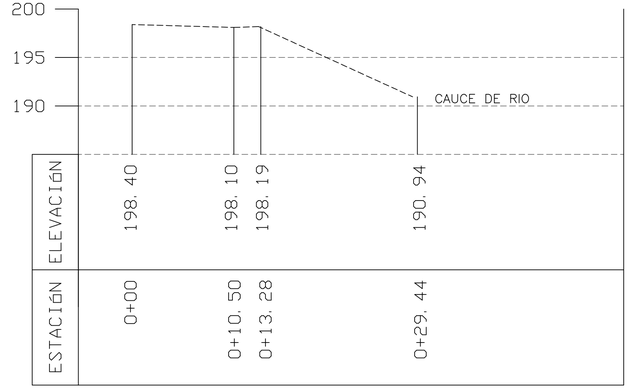

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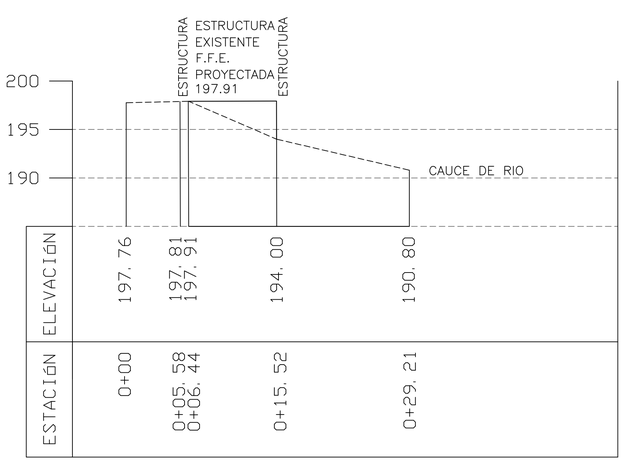

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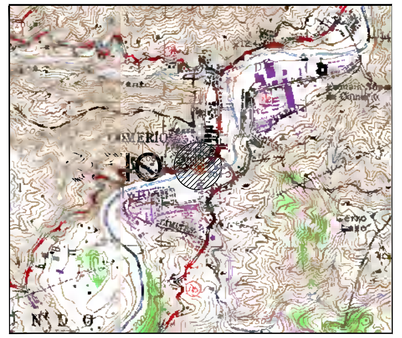


MAPA TOPOGRAFICO

NOTAS:

1. TODAS LAS DISTANCIAS ESTAN EXPRESADAS EN METROS SI NO SE INDICA LO CONTRARIO.
2. DATOS DE COLINDANCIAS SUMINISTRADOS POR EL SOLICITANTE.
3. DATA GEOREFERENCIADA A SISTEME DE COORDENADAS LAMBERT NAD83 Y M.S.L. (NIVEL PROMEDIO DEL MAR). REF FRAME: NAD 83 (2011) (EPOCH:2010.0000) ITRF2014.

NOTAS:

CERTIFICACION:
"Yo, Héctor L. Benítez Alvarado, Licencia 7179 PS , certifico que soy el profesional que confeccionó 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 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, enmendada; según aplique. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con c monocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe."

TITULO:
COMERIO WATER FRONT PARK
CALLE GIORGETTI COMERIO PUERTO RICO

FECHA:	DESCRIPCION	POR:

DIBUJADO POR: J.R.B.S.

DIBUJO:

DIBUJO NUMERO: A-2

NUM. DE HOJA: 2 OF 2

HECTOR LUIS BENITEZ
AGRIMENSOR
LICENCIADO
LIC. 7179
PUERTO RICO

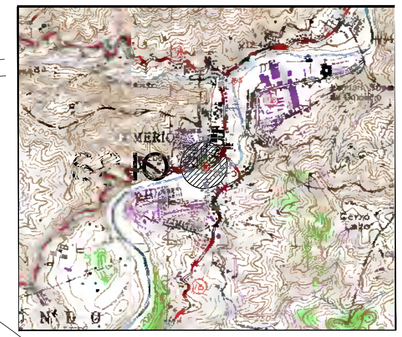
SELLO DEL INGENIERO:

PROYECTO:ASBUILT PARA SECCIONES TRANSVERSALES

PROPIETARIO:GOBIERNO MUNICIPAL DE COMERIO

LOCALIZACION: P.R. 774 Y RIO LA PLATA COMERIO, PR





MAPA TOPOGRAFICO

LEYENDA:

SÍMBOLO	DESCRIPCIÓN
	LÍNEA DE PROPIEDAD
	ORILLA DE CALLE
	ACERA
	ORILLA DE RIO
	EJE DE TRANSVERSAL

ESTACIONES DE CONTROL

NUM. CONTROL	X	Y	Z
STA. 1	221831.719	242452.398	201.11
STA. 2	221835.512	242469.150	200.83
STA. 3	221838.365	242481.858	200.07
STA. 4	221844.331	242514.738	198.40

NOTAS:

1. TODAS LAS DISTANCIAS ESTAN EXPRESADAS EN METROS SI NO SE INDICA LO CONTRARIO.
2. DATOS DE COLINDANCIAS SON PRESENTADOS DE FORMA ESQUEMATICA.
3. DATA GEOREFERENCIADA A SISTEME DE COORDENADAS LAMBERT NAD83 Y M.S.L. (NIVEL PROMEDIO DEL MAR).
   REF FRAME: NAD 83 (2011) (EPOCH: 2010.0000) ITRF2014.

CERTIFICACION:
"Yo, Héctor L. Benítez Alvarado, Licencia 7179 PS , certifico que soy el profesional que confeccionó estas especificaciones complementarias. También, certifico que entiendo que dichos planes y especificaciones cumplen con todas las disposiciones aplicables del Código de Construcción Vigente y las reglas 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 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Invención por la Industria Fuertorriqueña" y con la Ley Núm. 3 de 4 de enero de 1985, según enmendada, conocida como la "Ley de Edificios Públicos", según enmendada, según aplique. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con c monocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe."

TITULO:
COMERIO WATER FRONT PARK
CALLE GIORGETTI COMERIO PUERTO RICO

POR:	DESCRIPCION	FECHA:

DIBUJADO POR: J.R.B.S.

DIBUJO:

FECHA: 12/21/2023

DIBUJO NUMERO: A-1

NUM. DE HOJA: 1 OF 2

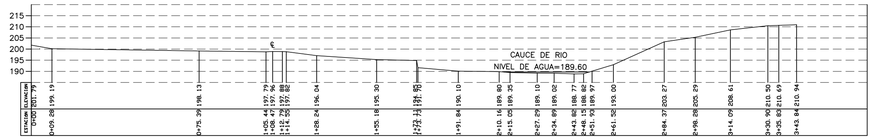
HECTOR LUIS BENITEZ
AGRIMENSOR
LICENCIA NUM. 7179
PUERTO RICO

SELLO DEL INGENIERO:

PROYECTO:SECCIONES TRANSVERSALES

PROPIETARIO:GOBIERNO MUNICIPAL DE COMERIO

LOCALIZACION: P.R. 774 Y RIO LA PLATA COMERIO, PR



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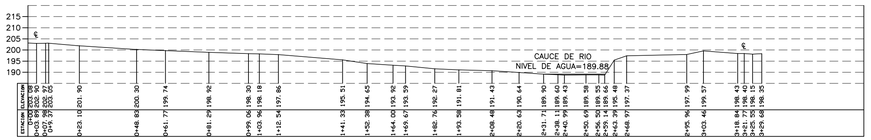

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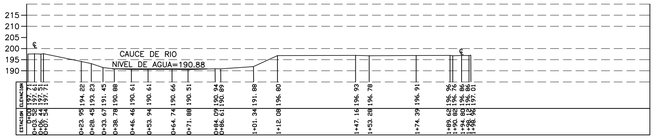
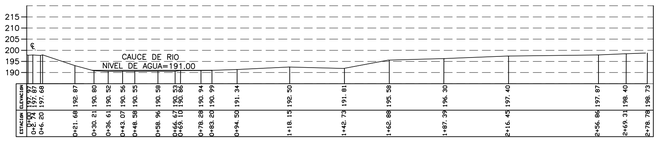


PERFIL LONGITUDINAL: 03



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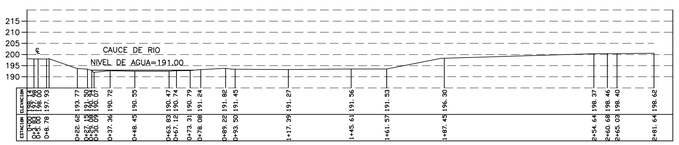

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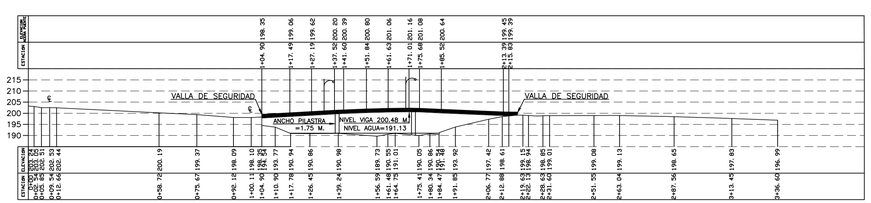

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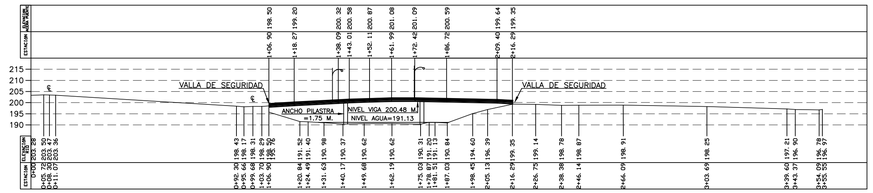

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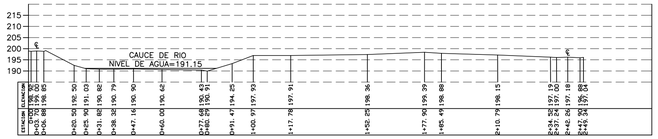

PERFIL LONGITUDINAL: 08
ESCALA HORIZONTAL=1:1
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PERFIL LONGITUDINAL: 09
ESCALA HORIZONTAL=1:1
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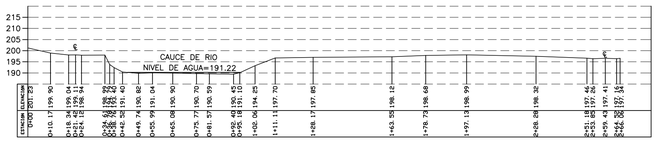

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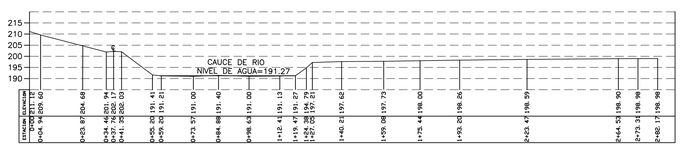

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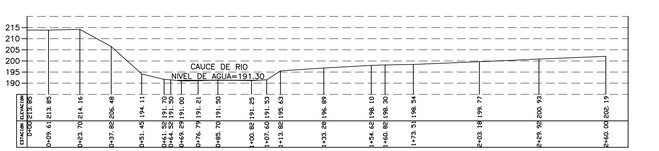

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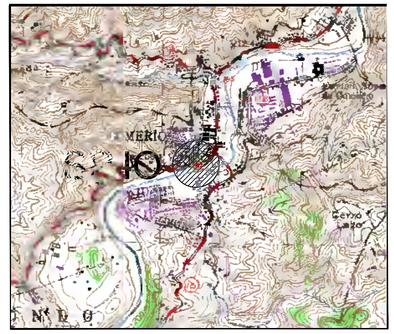


MAPA TOPOGRAFICO

LEYENDA:

SÍMBOLO	DESCRIPCIÓN
----------	GUIA DE ELEVACION
----------	EJE DE TRANSVERSAL
----------	NIVEL DE AGUA
℄	LINEA DE CENTRO DE CALLE
⌐	LUMINARIA EXISTENTE
‖	COLUMNA DE PUENTE

NOTAS:

1. TODAS LAS DISTANCIAS ESTAN EXPRESADAS EN METROS SI NO SE INDICA LO CONTRARIO.
2. DATOS DE COLINDANCIAS SON PRESENTADOS DE FORMA ESQUEMATICA.
3. DATA GEOREFERENCIADA A SISTEME DE COORDENADAS LAMBERT NAD83 Y M.S.L. (NIVEL PROMEDIO DEL MAR).
   REF FRAME: NAD 83 (2011) (EPOCH: 2010.0000) ITRF2014.

CERTIFICACION:
"Yo, Héctor L. Benitez Alvarado, Licencia 7179 PS , certifico que soy el profesional que confeccionó especificaciones complementarias. También, certifico que entiendo que dichos planes y especificaciones cumplen con la Ley Núm. 76 de 5 de junio de 2000, según enmendada, Código de Construcción y 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 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Investigación por la Industria Puertorriqueña" y con la Ley Núm. 317 de 4 de septiembre de 1998, según enmendada, conocida como "Ley de Subastas" según enmendada; según aplique. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con c monocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe."

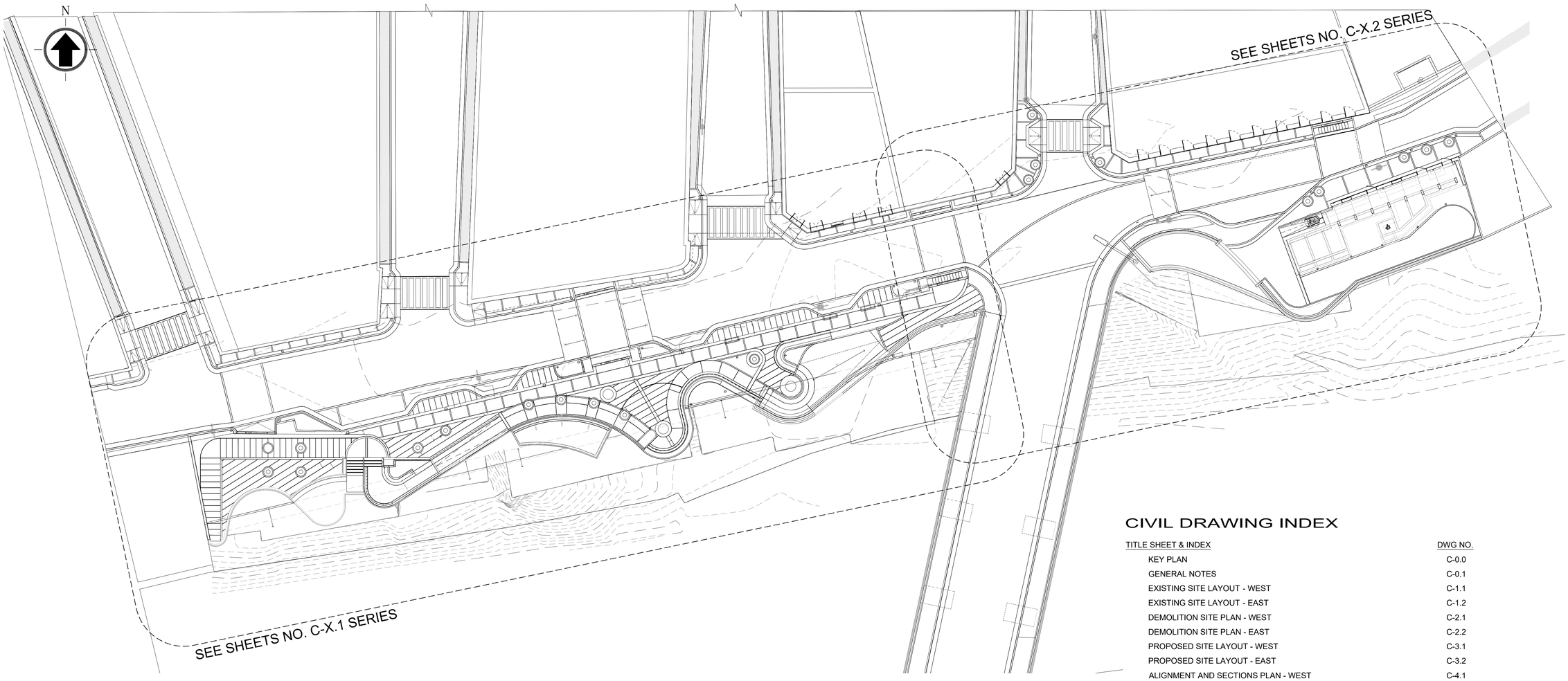
TITULO:
COMERIO WATER FRONT PARK
CALLE GIORGETTI COMERIO PUERTO RICO

POR:
DESCRIPCION
FECHA:

DIBUJADO POR: J.R.B.S.
DIBUJO:
FECHA: 12/21/2023
DIBUJO NUMERO: A-1
NUM. DE HOJA: 2 OF 2

HECTOR LUIS BENITEZ
AGRIMENSOR
LICENCIADO
PUERTO RICO

SELLO DEL INGENIERO:



KEY PLAN

SCALE: 1:200

0 5 m 10 m 20 m

SCALE: 1:200

CIVIL DRAWING INDEX

TITLE SHEET & INDEX	DWG NO.
KEY PLAN	C-0.0
GENERAL NOTES	C-0.1
EXISTING SITE LAYOUT - WEST	C-1.1
EXISTING SITE LAYOUT - EAST	C-1.2
DEMOLITION SITE PLAN - WEST	C-2.1
DEMOLITION SITE PLAN - EAST	C-2.2
PROPOSED SITE LAYOUT - WEST	C-3.1
PROPOSED SITE LAYOUT - EAST	C-3.2
ALIGNMENT AND SECTIONS PLAN - WEST	C-4.1
ALIGNMENT AND SECTIONS PLAN - EAST	C-4.2
PROFILE	C-4.3
SECTIONS	C-4.4
SECTIONS	C-4.5
SECTIONS	C-4.6
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GEOMETRIC PLAN - WEST	C-5.1
GEOMETRIC PLAN - EAST	C-5.2
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GRADING PLAN - WEST	C-6.1
GRADING PLAN - EAST	C-6.2
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CIVIL DETAILS	C-8.1
CIVIL DETAILS	C-8.2
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EROSION AND SEDIMENT CONTROL PLAN - EAST	CES-1.2
EROSION AND SEDIMENT CONTROL DETAILS	CES-2.0
MAINTENANCE OF TRAFFIC KEY PLAN	MOT-1.0
MAINTENANCE OF TRAFFIC - WEST	MOT-1.1
MAINTENANCE OF TRAFFIC - EAST	MOT-1.2
MAINTENANCE OF TRAFFIC NOTES AND DETAILS	MOT-2.0
MAINTENANCE OF TRAFFIC - TEMPORARY SIGN DATA	MOT-3.0

Rev'd Chk'd Change Name Date

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. NÚM. 9736
PUERTO RICO
787.403.136

Certificación:
Yo, Francisco Rodríguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que hoy al profesional que diseñó estos planos y documentos complementarios, le hice entrega de los mismos, certifico que entiendo que dichos planos y documentos complementarios han sido preparados conforme al Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación, Ley de Edificios Públicos y de otras Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de los mismos no he violado ningún derecho de propiedad intelectual o la Industria Puertorriqueña", y con la [Ley Núm. 19 de 15 de 1978, según enmendada; según aplique]. Reconozco que hayo producido por desconocimiento o por negligencia ya sea por acción o por omisión, de cualquier violación a la misma, de mi conocimiento, me hacen responsable de cualquier

ERBA

Project:
Comerio Water Front Park
197 Calle Georgetti
#Site Address2
Comerio , PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, PR

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
Version date: 10/29/2024

Drawing Name:
KEY PLAN

Layout ID:
C-0.0

Revision:
01

Modified by:
-

Checked by:
Ing. F. Rodriguez

Approved by

Date:
SEP. 24, 2024

Drawing Scale:
1:200

Drawing Status:
ISSUE FOR PERMIT

GENERAL PROJECT DATA

THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ANY UTILITIES WHETHER SHOWN ON THE PLANS OR NOT, THAT INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE ENGINEER AND THE RESPECTIVE UTILITY COMPANY FOR RELOCATION OR PROPER INSTRUCTION. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE RELOCATION OF VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT, AND NO EXTRA COMPENSATION WILL BE ALLOWED.

AS-BUILTS

THE CONTRACTOR SHALL PROVIDE VERTICAL AND HORIZONTAL "AS-BUILT" INFORMATION RELATIVE TO ALL CONSTRUCTION UTILITIES AND STRUCTURES. AS-BUILT SHALL BE PROVIDED BY THE CONTRACTOR TO THE PROJECT ARCHITECT OR ENGINEER TWO WEEKS PRIOR TO FINAL INSPECTION. ALL AS-BUILT DATA SHALL BE PROVIDED BY A PUERTO RICO LICENSED SURVEYOR, SIGNED, SEALED AND DATED BY THE RESPONSIBLE PARTY. SEE INDIVIDUAL SECTIONS (PAVEMENT, WATER SYSTEM, ETC.) FOR ADDITIONAL AS-BUILT REQUIREMENTS.

LAYOUT AND CONTROL

UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL USE THE GEOMETRY PROVIDED ON THE CONSTRUCTION PLANS. BENCHMARK INFORMATION IS PROVIDED ON THE BOUNDARY/TOPO SURVEYS. ANY DISCREPANCIES BETWEEN FIELD MEASUREMENTS AND CONSTRUCTION PLAN INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ARCHITECT OR ENGINEER IMMEDIATELY.

EARTHWORK

THE CONTRACTOR SHALL PERFORM HIS OWN INVESTIGATIONS AND CALCULATIONS AS NECESSARY TO ASSURE HIMSELF OF EARTHWORK QUANTITIES. PRIOR TO BID. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY IMPORT FILL NEEDED, AND FOR THE REMOVAL AND DISPOSAL OF EXCESS MATERIALS.

LIMITS OF DISTURBANCE

THE LIMITS OF DISTURBANCE HAVE BEEN PROVIDED TO THE CONTRACTOR ON THE CONSTRUCTION PLANS. UNLESS OTHERWISE DIRECTED BY THE OWNER OR ENGINEER, THE CONTRACTOR IS EXPECTED TO CONTAIN ALL CONSTRUCTION ACTIVITIES WITHIN THESE LIMITS. AT NO TIME SHALL THE CONTRACTOR DISTURB SURROUNDING PROPERTIES OR TRAVEL ON SURROUNDING PROPERTIES WITHOUT WRITTEN CONSENT FROM THE PROPERTY OWNER. ANY REPAIR OR RECONSTRUCTION OF DAMAGED AREAS IN SURROUNDING PROPERTIES SHALL BE REPAIRED BY THE CONTRACTOR ON AN IMMEDIATE BASIS. ALL COSTS FOR EXTERNAL REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION SHALL BE PROVIDED. CONTRACTOR SHALL MAINTAIN ALL EXISTING AND TO REMAIN PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIALS TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.

CLEARING AND GRUBBING

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING AND GRUBBING FOR SITE CONSTRUCTION INCLUDING CLEARING FOR PAVING, UTILITIES, DRAINAGE FACILITIES AND BUILDING CONSTRUCTION. AT A MINIMUM, REMOVE TOPSOIL OR UNSUITABLE SOIL MATERIAL BELOW. UNSUITABLE SOIL TO BE DETERMINED BY PROJECT GEOTECHNICAL ENGINEER.

MATERIAL STORAGE / DEBRIS REMOVAL

ALL MATERIALS EXCAVATED SHALL BE STOCKPILED AT ON-SITE LOCATIONS AS SPECIFIED BY THE OWNER. MATERIALS SHALL BE STOCKPILED SEPARATELY AS TO USABLE (NONORGANIC) FILL STOCKPILES AND ORGANIC (MUCK) STOCKPILES IF MUCK IS ECOUNTERED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL UNSUITABLE AND EXCESS FILL MATERIALS FROM THE SITE.

FILL MATERIAL

ALL FILL MATERIALS SHALL CONTAIN NO MUCK, STUMPS, ROOTS, BRUSH, VEGETATIVE MATTER, RUBBISH OR OTHER MATERIAL THAT WILL NOT COMPACT INTO A SUITABLE AND ENDURING BACKFILL. COMPACTION TESTING SHALL BE PERFOMED WHERE NEEDED BY PROJECT'S GEOTECHNICAL ENGINEER.

FILL MATERIAL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY. MODIFIED PROCTOR DENSITY TESTING SHALL BE PERMOMED IN-SITU BY CERTIFIED GEOTECHNICAL ENGINEER.

SURFACE DRAINAGE

THE CONTRACTOR SHALL BE EXPECTED, AT THE END OF EACH DAY, TO HAVE THE SITE GRADED IN SUCH A WAY AS TO PREVENT ANY ADVERSE IMPACT FROM RUNOFF OR SILTATION TO ANY ADJACENT PROPERTIES. SILTATION BARRIERS SHALL BE MAINTAINED AND REPAIRED IF REQUIRED AT THE END OF EACH WORKING DAY. PROVIDE TEMPORARY CONTROL MEASURES (I.E. PIPING, SWALES, DIVERSION BERMS, UNDER-DRAIN) AS REQUIRED TO PREVENT EROSION, SATURATION, OR FLOODING OF WORK. PLEASE REFER TO CES PLAN FOR FURTHER DETAILS.

GRADING SHOWN ON THESE PLANS IS PROVIDED TO THE CONTRACTOR TO EXPRESS THE GENERAL GRADING INTENT OF THE PROJECT. THE CONTRACTOR SHALL BE EXPECTED TO GRADE THE ENTIRE SITE TO PROVIDE POSITIVE DRAINAGE IN ALL AREAS THROUGHOUT THE SITE. SMOOTH TRANSITIONS SHALL BE PROVIDED BETWEEN CONTOURS OR SPOT ELEVATIONS AS SHOWN ON THE PLANS TO ACCOMPLISH THE GRADING INTENT. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADING HAS BEEN COMPLETED. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER PRIOR TO DEMOBILIZATION OF GRADING EQUIPMENT TO DETERMINE THAT THE GRADING INTENT HAS BEEN ACHIEVED.

GENERAL PROVISIONS

THE CONTRACTOR SHALL SUBMIT COPIES OF MATERIAL SUBMITTALS TO THE PROJECT ARCHITECT OR ENGINEER FOR APPROVAL PRIOR TO ORDERING THE MATERIALS REQUIRED FOR CONSTRUCTION. PRIOR TO SUBMISSION, THE CONTRACTOR SHALL SUBMIT PRODUCT DATA, AND SAMPLES FOR COMPLETENESS AND FOR COMPLIANCE WITH THE CONSTRUCTION PLANS AND SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS. THE CONTRACTOR'S RESPONSIBILITY FOR ERRORS AND OMISSIONS IN SUBMITTALS IS NOT RELIEVED BY THE ARCHITECT'S OR ENGINEER'S REVIEW OF SUBMITTALS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN WRITING AT THE TIME OF SUBMISSION, OF DEVIATIONS IN SUBMITTALS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

PROTECT BENCHMARKS, PROPERTY CORNERS, AND OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. IF MARKER NEEDS TO BE REMOVED IT SHALL BE REFERENCED BY LICENSED LAND SURVEYOR AND REPLACED, AS NECESSARY, BY SAME.

THE CONTRACTOR IS RESPONSIBLE FOR ALL QUALITY CONTROL TESTING. AS A MINIMUM, TESTING SHALL INCLUDE A) STRUCTURAL EXCAVATION, BEDDING AND BACKFILL MATERIALS AND DENSITY TESTS; B) DETERMINATION OF COMPACTIVE EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS; C) PORTLAND CEMENT CONCRETE AND ASPHALT PAVING QUALITY CONTROL TESTING INCLUDING DESIGN MIX REVIEW, MATERIALS, FIELD SLUMP AND AIR CONTENT, AND FIELD AND LAB CURED STRENGTH SAMPLES AND TESTING. ALL SOIL AND CONCRETE SAMPLE TESTING SHALL BE PERFORMED BY A LICENSED GEOTECHNICAL ENGINEER.

IN ADDITION TO QUALITY CONTROL TESTING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL REQUIRED TESTING OR APPROVALS FOR ANY WORK (OR ANY PART THEREOF) IF LAWS OR REGULATIONS OF ANY PUBLIC BODY HAVING JURISDICTION SPECIFICALLY REQUIRE TESTING, INSPECTIONS OR APPROVAL. THE CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION THEREWITH AND SHALL FURNISH THE OWNER AND ENGINEER THE REQUIRED CERTIFICATES OF INSPECTION, TESTING OR APPROVAL.

ANY DESIGN OR TESTING LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE OWNER AND THE ENGINEER, APPROVED IN WRITING, AND COMPLYING WITH THE LATEST EDITION OF THE "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION", PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES.

TESTING RESULTS SHALL BE PROVIDED TO THE OWNER/OPERATOR AND THE ENGINEER. ALL TEST RESULTS SHALL BE PROVIDED (PASSING AND FAILING) ON A REGULAR AND IMMEDIATE BASIS.

RIGHT-OF-WAY RESTORATION

ALL AREAS WITHIN ANY GOVERNMENT AGENCIES RIGHT-OF-WAY SHALL BE FINISH GRADED WITH A SMOOTH TRANSITION TO EXISTING GROUND. ALL DISTURBED AREAS SHALL BE SODDED OR PAVED AFTER FINAL GRADING IN ACCORDANCE WITH THE CONSTRUCTION PLANS PRIOR TO FINAL INSPECTION.

IF THE CONSTRUCTION AFFECTS THE LAND WITHIN THE EXISTING STATE ROAD RIGHT-OF-WAY, THE RIGHT-OF-WAY SHALL BE RESTORED TO IT'S ORIGINAL CONDITION. ANY REQUIRED FILL MATERIAL SHALL BE COMPACTED AND GRADED SO AS TO NOT AFFECT THE TOPOGRAPHY OF THE AREA AND GREEN AREAS SHALL BE FULLY RESTORED.

STATE ROADS TYPICAL SECTIONS GUIDELINES NOTE A FOR URBAN AREAS

(TO BE APPLIED WHEREVER POSSIBLE)

1. THE EXISTING SECTION WILL BE MAINTAINED TO BE EQUAL TO OR GREATER THAN A HALF SECTION OF 6.50 METERS. IF THEY ARE WITHIN THE URBAN BOUNDARY, THE WORKS WILL CONTINUE IF THEY ARE NOT CONSTRUCTED.
2. IF THE HALF TRIP IS EQUAL TO OR GREATER THAN 4.00 METERS, A SIDEWALK OF 1.50 METERS WILL BE COMPLETED IF IT IS LESSER.
3. IF THE ROADWAY IS EQUAL TO OR GREATER THAN 4.00 METERS, IF THERE IS A SIDEWALK, IT WILL COMPLETE THE SIDEWITH UP TO 5.50 METERS FROM THE ROAD AXIS. IF THERE IS NO SIDEWALK, A ROAD WIDTH OF 4.00 METERS AND SIDEWALKS OF 2.50 METERS WILL BE PROVIDED.
4. THE REGULATORY PLAN WILL BE CONSULTED, ROAD PLAN OR LAND DEVELOPMENT WILL BE CONSULTED TO DETERMINE IF ANY STATE ROAD HAS A SPECIAL SECTION. IF THE EXISTING SECTION IN THE SECTOR IS GREATER OR EQUAL TO THE ONE RECOMMENDED IN THE REFERENCED PLANS, THE WORKS WILL CONTINUE FOLLOWING THEIR ALIGNMENT. IF IT IS SMALLER AND BUILT IN THE PROJECT AREA, A PLANTING ISLAND WILL BE PROVIDED UNTIL THE RECOMMENDED SECTION IS COMPLETED. IF IT IS ADJACENT TO A SECTION LESS THAN THE RECOMMENDED ONE, A TRANSITION WILL BE MADE AND IT WILL BE BUILT ACCORDING TO THE RECOMMENDED SECTION.

EROSION AND SEDIMENT CONTROL

CONTRACTOR SHALL RESPOND TO EROSION AND SEDIMENT CONTROL MAINTENANCE REQUIREMENTS OR IMPLEMENT ADDITIONAL MEASURES TO CONTROL EROSION ORDERED BY OWNER OR GOVERNING AUTHORITIES WITHIN 48 HOURS OR SOONER IF REQUIRED AT NO ADDITIONAL COST TO THE OWNER.

CONTRACTOR WILL BE REQUIRED TO INCORPORATE PERMANENT EROSION CONTROL FEATURES INTO PROJECT AT EARLIEST PRACTICAL TIME TO MINIMIZE NEED FOR TEMPORARY CONTROLS.

GRASS ALL DISTURBED AREAS WITHIN 7 DAYS OF INITIAL DISTURBANCE. TYPE OF GRASSING SHALL BE AS FOLLOWS: TEMPORARY GRASSING TO BE SODDING AT ALL DRAINAGE STRUCTURES, RETENTION AREAS, SWALES AND DITCHES, AND WHERE SLOPES ARE STEEPER THAN 5:1. TEMPORARY GRASSING CAN BE SEED AND MULCH AT ALL OTHER LOCATIONS UNLESS OTHERWISE INDICATED IN THE DRAWINGS OR SPECIFICATIONS.

INSPECT EVERY TWO WEEKS DURING CONSTRUCTION. REMOVE ANY SEDIMENT BUILD-UP. REPAIR AND REINSTALL ANY DAMAGED OR MISSING SEDIMENT CONTROL MEASURES. INSTALL ADDITIONAL MEASURES IF INSPECTION REVEALS ADDITIONAL SEDIMENTATION CONTROL IS NECESSARY.

AREAS TO BE PAVED SHALL BE TREATED WITH A BITUMINOUS PRIME COAT AND SANDED TO MINIMIZE EROSION, WHERE PAVING IS SCHEDULED TO OCCUR MORE THAN 48 HOURS AFTER INSTALLATION OF BASE COURSE. AREAS TO RECEIVE CONCRETE PAVING SHALL BE EITHER PROTECTED WITH A LAYER OF COARSE AGGREGATE MATERIAL OR SHALL BE PAVED WITHIN 48 HOURS OF ACCEPTANCE OF THE SUBGRADE.

EROSION AND SILTATION CONTROL MEASURES ARE TO BE PROVIDED AND INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THESE MEASURES ARE TO BE INSPECTED BY THE CONTRACTOR ON A REGULAR BASIS AND ARE TO BE MAINTAINED OR REPAIRED ON AN IMMEDIATE BASIS AS REQUIRED. REFER TO "OFICINA DE GERENCIA DE PERMISOS" (OGPe) (PERMIT MANAGEMENT OFFICE) FOR ADDITIONAL REQUIREMENTS FOR EROSION CONTROL AND SURFACE DRAINAGE. CONTRACTOR SHALL BE RESPONSIBLE TO SEED AND MULCH OR IF NECESSARY SOD ALL DISTURBED AREAS WITHIN CONSTRUCTION AFFECTED AREAS TO MINIMIZE WASHOUT AND SOIL EROSION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION, SUBMITTAL AND OBTAINING THE "PERMISO UNICO INCIDENTAL" WITH OGPe AND DNER.

THE OWNER SHALL BE RESPONSIBLE FOR PROCURING A THIRD-PARTY "INSPECTOR DESIGNADO" WHO SHALL BE RESPONSIBLE FOR PLAN CES INSPECTIONS AND MONTHLY REPORTING TO DNER.

GRADING

UNIFORMLY SMOOTH GRADE THE SITE. MAINTAIN POSITIVE DRAINAGE AT ALL TIMES, UNLESS OTHERWISE INDICATED IN GRADING PLAN. DEPRESSIONS FROM SETTLEMENT SHALL BE FILLED AND COMPACTED. TOPS OF EMBANKMENTS AND BREAKS IN GRADE SHALL BE ROUNDED. FINISHED SURFACES SHALL BE REASONABLY SMOOTH, COMPACTED, FREE FROM IRREGULAR SURFACE CHANGES AND COMPARABLE TO THE SMOOTHNESS OBTAINED BY BLADE-GRADER OPERATIONS.

NEWLY GRADED AREAS SHALL BE PROTECTED FROM TRAFFIC AND EROSION. ALL SETTLEMENT OR WASHING AWAY THAT MAY OCCUR FROM ANY CAUSE PRIOR TO SEEDING OR ACCEPTANCE SHALL BE REPAIRED AND GRADES RE-ESTABLISHED TO THE REQUIRED ELEVATIONS AND SLOPES AT NO ADDITIONAL COST TO THE OWNER.

GENERAL NOTES

SCALE: AS SHOWN

Rev/D	ChkD	Change Name	Date

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19738
PUERTO RICO

787.403.136
FRANCISCO.RODRIGUEZ@ERBA.PR.GOV

ERBA

Certificación:
Yo, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19738 certifico que hoy al profesional que diseñó los planos, especificaciones, memorial y/o estudios técnicos. También, certifico que entiendo que dichos planos y especificaciones fueron preparados de acuerdo a los requisitos del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales y Federales vigentes. Que he revisado los planos y las disposiciones aplicables de los Reglamentos o Corporaciones Públicas con jurisdicción. Científico además, que en la preparación de dichos planos, especificaciones, memorial y/o estudios técnicos y las Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicable) Reconozco que por desconocimiento o por negligencia ya sea hoy o en el futuro, se haya producido

N

SURVEYOR'S NOTES:

1. TODAS LAS DISTANCIAS ESTAN EXPRESADAS EN METROS, SI NO SE INDICA LO CONTRARIO.
2. DATOS DE COLINDANCIAS SUMINISTRADOS POR EL SOLICITANTE.
3. DATA GEOREFERENCIADA A SISTEMA DE COORDENADAS LAMBERT NAD83 Y M.S.L. (NIVEL PROMEDIO DEL MAR).
   REF FRAME: NAD 83 (2011) (EPOCH: 2010.0000) ITRF2014.

NOTE:

1. EXISTING CONDITION, TOPOGRAPHIC, AND INFRASTRUCTURE INFORMATION OBTAINED FROM LAND SURVEYOR HECTOR LUIS BENITEZ (LIC. NO. 7179 PS) DRAWING TITLED "PLANO ASBUILT Y TOPOGRAFIA" RECEIVED DATED ON DEC. 18, 2023.
2. CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITIES LOCATION AND INVERTS ON-SITE PRIOR TO CONSTRUCTION.

JOSE VEGA STREET
PROGRESO STREET
AGAPITO DAVILA STREET
GEORGETTI STREET (PR-156)
TO BARRANQUITAS
EXISTING SIDEWALK
EXISTING INLET
EXISTING MH
EXISTING ELECTRICAL POLE
EXISTING PARKING AREA
EXISTING LIGHTING POLE
EXISTING SEATING AREA
EXISTING STRUCTURE
EDGE OF RIVER
LA PLATA RIVER
CAUCE RIO
MATCHLINE
5.76m
5.49m
6.10m

EXISTING SITE LAYOUT - WEST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

LEYENDA:

- LIMITE DE PROPIEDAD
- PUNTO DE COLINDANCIA
- LINEA DE CENTRO
- LUMINARIA POSTE DE MADERA EXISTENTE
- LUMINARIA POSTE DE CONCRETO EXISTENTE
- POSTE (LUMA) DE CONCRETO EXISTENTE
- LUMINARIA EXISTENTE
- MAN HOLE EXISTENTE
- POCETO EXISTENTE
- LIMITE DE CAUCE DE RIO
- CONTORNOS DE ELEVACION EXISTENTE
- TRAFFIC FLOW. (NO PAINTED)

No.	Date	Chng Name	Chkd

PE-405.136
Ing. FRANCISCO RODRIGUEZ-ENSA, PE // PR LIC # 19736 fcorodriguez@erba-pr.com

ERBA

Certificacion:
Yo, Ing. Francisco Rodriguez-Ensa, ingeniero licenciado, número de licencia 19736 certifico que hoy al profesional que diseñó los planos y las especificaciones técnicas de este proyecto. También, certifico que entiendo que dichos planos y especificaciones fueron preparados conforme a las disposiciones del Reglamento Conjunto y las disposiciones aplicables de los reglamentos de Permisos, Ordenamiento Territorial y de Agencias, Juntas Reglamentadoras o Corporaciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones técnicas se cumplió con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplique). Reconozco que la Industria Puertorriqueña y con la Ley Núm. 119 de 15 de 1976, según enmendada, según aplique). Reconozco que se haya producido por desconocimiento o por negligencia ya que dichos planos y especificaciones técnicas no son de mi conocimiento, no hacen responsable de cualquier

Project:
Comerio Water Front Park
197 Calle Georgetti
#Site Address#2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, USA

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000370
Project #: 23-02

Autodesk Docs://Comerio Water Front Park/Comerio Water Front Park_R24.rvt

Drawing Name:
EXISTING SITE LAYOUT - WEST

Date:
SEP. 24, 2024
Drawing Scale:
1:100
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
C-1.1

Revision:
01
Modified by:

Checked by:
Ing. F Rodriguez
Approved by

N

SURVEYOR'S NOTES:

1. TODAS LAS DISTANCIAS ESTAN EXPRESADAS EN METROS, SI NO SE INDICA LO CONTRARIO.
2. DATOS DE COLINDANCIAS SUMINISTRADOS POR EL SOLICITANTE.
3. DATA GEOREFERENCIADA A SISTEMA DE COORDENADAS LAMBERT NAD83 Y M.S.L. (NIVEL PROMEDIO DEL MAR).
   REF FRAME: NAD 83 (2011) (EPOCH: 2010.0000) ITRF2014.

NOTE:

1. EXISTING CONDITION, TOPOGRAPHIC, AND INFRASTRUCTURE INFORMATION OBTAINED FROM LAND SURVEYOR HECTOR LUIS BENITEZ (LIC. NO. 7179 PS) DRAWING TITLED "PLANO ASBUILT Y TOPOGRAFIA" RECEIVED DATED ON DEC. 18, 2023.
2. CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITIES LOCATION AND INVERTS ON-SITE PRIOR TO CONSTRUCTION.

MATCHLINE

LUIS MUÑOZ RIVERA STREET

GEORGETTI STREET (PR-156)

EXISTING SIDEWALK

TO BAYAMON

EXISTING ELECTRICAL POLE

EXISTING INLET

EXISTING MH

EXISTING HISTORICAL STRUCTURE

EXISTING STRUCTURE

EXISTING STRUCTURE

EXISTING STRUCTURE

EXISTING LIGHTING POLE

EXISTING SIDEWALK

PR-774

EDGE OF RIVER

LA PLATA RIVER

LEYENDA:

- LIMITE DE PROPIEDAD
- PUNTO DE COLINDANCIA
- LINEA DE CENTRO
- LUMINARIA POSTE DE MADERA EXISTENTE
- LUMINARIA POSTE DE CONCRETO EXISTENTE
- POSTE (LUMA) DE CONCRETO EXISTENTE
- LUMINARIA EXISTENTE
- MAN HOLE EXISTENTE
- POCETO EXISTENTE
- LIMITE DE CAUCE DE RIO
- CONTORNOS DE ELEVACION EXISTENTE
- TRAFFIC FLOW. (NO PAINTED)

EXISTING SITE LAYOUT - EAST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

Date
Rev'd Chk'd Change Name

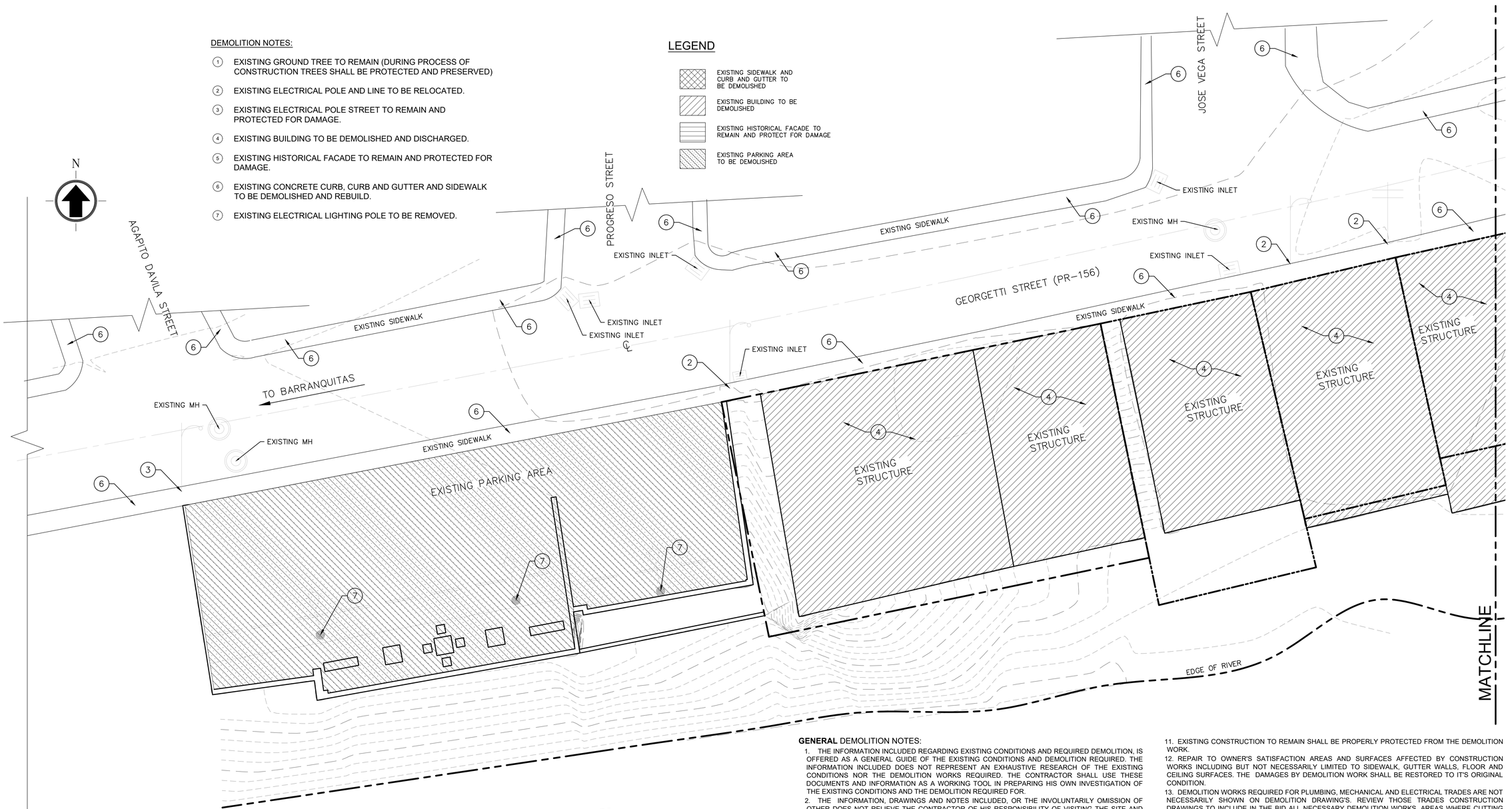
Certificacion:
Yo, Francisco Rodriguez-Elma, Ingeniero licenciado, número de licencia 19738 certifico que soy el profesional que diseñó y/o supervisó el diseño de las instalaciones eléctricas mencionadas en este documento. También, certifico que entiendo que dichas instalaciones deben cumplir con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación, Reglamentos Locales, Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de este documento no he violado ninguna ley que rija la práctica de la Ingeniería en Puerto Rico, incluyendo pero sin limitarse a la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplique). Reconozco que se haya producido por desconocimiento o por negligencia ya sea mía, que en la preparación de este documento no he violado ninguna ley que rija la práctica de la Ingeniería en Puerto Rico, incluyendo pero sin limitarse a la Ley Núm. 319 de 15 de mayo de 1938, según enmendada; la Ley Núm. 173 de 14 de julio de 1976, según enmendada;

DEMOLITION NOTES:

1. EXISTING GROUND TREE TO REMAIN (DURING PROCESS OF CONSTRUCTION TREES SHALL BE PROTECTED AND PRESERVED)
2. EXISTING ELECTRICAL POLE AND LINE TO BE RELOCATED.
3. EXISTING ELECTRICAL POLE STREET TO REMAIN AND PROTECTED FOR DAMAGE.
4. EXISTING BUILDING TO BE DEMOLISHED AND DISCHARGED.
5. EXISTING HISTORICAL FACADE TO REMAIN AND PROTECTED FOR DAMAGE.
6. EXISTING CONCRETE CURB, CURB AND GUTTER AND SIDEWALK TO BE DEMOLISHED AND REBUILD.
7. EXISTING ELECTRICAL LIGHTING POLE TO BE REMOVED.

LEGEND

- EXISTING SIDEWALK AND CURB AND GUTTER TO BE DEMOLISHED
- EXISTING BUILDING TO BE DEMOLISHED
- EXISTING HISTORICAL FACADE TO REMAIN AND PROTECT FOR DAMAGE
- EXISTING PARKING AREA TO BE DEMOLISHED



DEMOLITION SITE PLAN - WEST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

GENERAL DEMOLITION NOTES:

1. THE INFORMATION INCLUDED REGARDING EXISTING CONDITIONS AND REQUIRED DEMOLITION, IS OFFERED AS A GENERAL GUIDE OF THE EXISTING CONDITIONS AND DEMOLITION REQUIRED. THE INFORMATION INCLUDED DOES NOT REPRESENT AN EXHAUSTIVE RESEARCH OF THE EXISTING CONDITIONS NOR THE DEMOLITION WORKS REQUIRED. THE CONTRACTOR SHALL USE THESE DOCUMENTS AND INFORMATION AS A WORKING TOOL IN PREPARING HIS OWN INVESTIGATION OF THE EXISTING CONDITIONS AND THE DEMOLITION REQUIRED FOR.
2. THE INFORMATION, DRAWINGS AND NOTES INCLUDED, OR THE INVOLUNTARILY OMISSION OF OTHER DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY OF VISITING THE SITE AND MAKE HIMSELF COMPLETELY AWARE OF ALL THE CONDITIONS INVOLVED IN THE PROJECT; OF PREPARING HIS OWN EXISTING CONDITIONS AND DEMOLITION RESEARCH, AND TO INCLUDE THE NECESSARY COSTS ON HIS BID TO COVER ALL THE REQUIRED DEMOLITION TO COMPLETE THE CONSTRUCTION WORKS, AS REQUIRED ON THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL ACQUIRE THE OWNER'S APPROVAL PRIOR TO DISCONNECTING ANY BUILDING UTILITIES.
4. REQUIRED DEMOLITION WORK THAT IS NOT SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO PROCEEDING WITH THE WORK.
5. DEMOLITION WORK SHALL NOT INTERFERE WITH THE NORMAL DAY TO DAY OPERATIONS OF THE ROADS AND ADJACENT BUILDINGS.
6. CONTRACTOR SHALL OBTAIN UNDERGROUND UTILITIES AS-BUILT FROM OWNER, BEFORE PROCEEDING WITH DEMOLITION.
7. ALL DEMOLITION TO BE COORDINATED WITH OTHER DISCIPLINES BEFORE PROCEEDING WITH THIS WORK.
8. SALVAGEABLE MATERIALS - SOME PRODUCTS AND MATERIALS SHALL BE REMOVED AND STORED FOR POSSIBLE REUSE BY OWNER. COORDINATE THE EXTENT OF SALVAGE WITH THE UTILITIES PLANS, OWNER, AND SITE ENGINEER. THIS ITEMS SHALL BE REMOVED WITHOUT DAMAGING THE ITEM & STORED WHERE INDICATED BY THE OWNER.
9. NON SALVAGEABLE MATERIALS - MATERIAL AND INSTALLATIONS NOT SALVAGEABLE SHALL BE REMOVED AND DISPOSED OF LEGALLY. ENSURE THAT DEBRIS AND OTHER VESTIGES OF ABANDONED INSTALLATIONS DELETERIOUS TO SAFETY, MAINTENANCE, HYGIENE, OVERALL NEATNESS AND VISUAL APPEARANCE ARE REMOVED.
10. PREPARATION OF SURFACES FOR (RE) FINISHING - EXPOSED SURFACES SHALL BE PREPARED FOR REFINISHING IN STRICT ACCORDANCE WITH THE FINISH MANUFACTURER'S RECOMMENDATIONS. THE USE OF SOLVENTS AND OTHER FLAMMABLE VOLATILE OR TOXIC MATERIALS, IF PERMISSIBLE, SHALL BE DONE IN WELL VENTILATED AREAS AND USING SAFETY EQUIPMENT AND MEASURES REQUIRED BY PROSHA STANDARDS (AND THOSE OF OTHER REGULATORY AGENCIES HAVING JURISDICTION) AND THOSE OF THE COMMON SENSE.
11. EXISTING CONSTRUCTION TO REMAIN SHALL BE PROPERLY PROTECTED FROM THE DEMOLITION WORK.
12. REPAIR TO OWNER'S SATISFACTION AREAS AND SURFACES AFFECTED BY CONSTRUCTION WORKS INCLUDING BUT NOT NECESSARILY LIMITED TO SIDEWALK, GUTTER WALLS, FLOOR AND CEILING SURFACES. THE DAMAGES BY DEMOLITION WORK SHALL BE RESTORED TO IT'S ORIGINAL CONDITION.
13. DEMOLITION WORKS REQUIRED FOR PLUMBING, MECHANICAL AND ELECTRICAL TRADES ARE NOT NECESSARILY SHOWN ON DEMOLITION DRAWING'S. REVIEW THOSE TRADES CONSTRUCTION DRAWINGS TO INCLUDE IN THE BID ALL NECESSARY DEMOLITION WORKS. AREAS WHERE CUTTING OR DEMOLITION ARE REQUIRED FOR NEW CONSTRUCTION, SHALL BE REPAIRED, RECONSTRUCTED AND PATCHED TO MATCH EXISTING OR NEW ADJACENT SURFACES FINISH.
14. FIELD VERIFY ALL DIMENSIONS PRIOR TO START ANY CONSTRUCTION WORK. DISCREPANCIES BETWEEN DIMENSIONS ON DRAWINGS AND FIELD CONDITIONS SHALL BE IMMEDIATELY NOTIFIED TO THE ARCHITECT. NO WORK SHALL PROCEED UNTIL SPECIFIC INSTRUCTIONS BY THE ARCHITECT ARE PROVIDED.
15. TAKE PRECAUTIONS DURING DEMOLITION OF EXISTING SYSTEMS. ANY SYSTEM TO REMAIN THAT IS DAMAGED DURING THE DEMOLITION AND/ OR CONSTRUCTION WORKS, SHALL BE RESTORED AND/ OR REPLACED TO ORIGINAL CONDITION. PIPES, CONDUITS AND FITTINGS INSIDE WALLS TO BE DEMOLISHED SHALL BE REMOVED.
16. ALL HAIRLINE CRACKS (GRIETAS) SHALL BE CORRECTED WITH ELASTOMERIC PLASTER: VIP BRUCHABLE SEALANT 5100. $\frac{1}{8}$" TO $\frac{3}{4}$" CRACKS SHALL BE REPAIRED WITH ELASTOMERIC PLASTER: VIP KNIFE GRADE SEALANT 5300.
17. REMOVE AND CAP ALL ELECTRICAL FIXTURES COMPLETELY.
18. ALL CONCRETE SURFACES SHALL BE 3,000 PSI PRESSURE WASHED TO KEEP ALL AREAS FREE OF LIME, DUST AND SALTPETER (SALITRE).
19. ASBESTOS AND LEAD STUDIES SHALL BE PERFORMED PRIOR TO ANY DEMOLITION.
20. ANY DEMOLITION AFFECTING PRASA, PREPA OR DTOP UTILITIES SHALL BE COORDINATED WITH THE CORRESPONDING AGENCY PRIOR TO ANY WORK.

Rev# | Chk'd | Change Name | Date

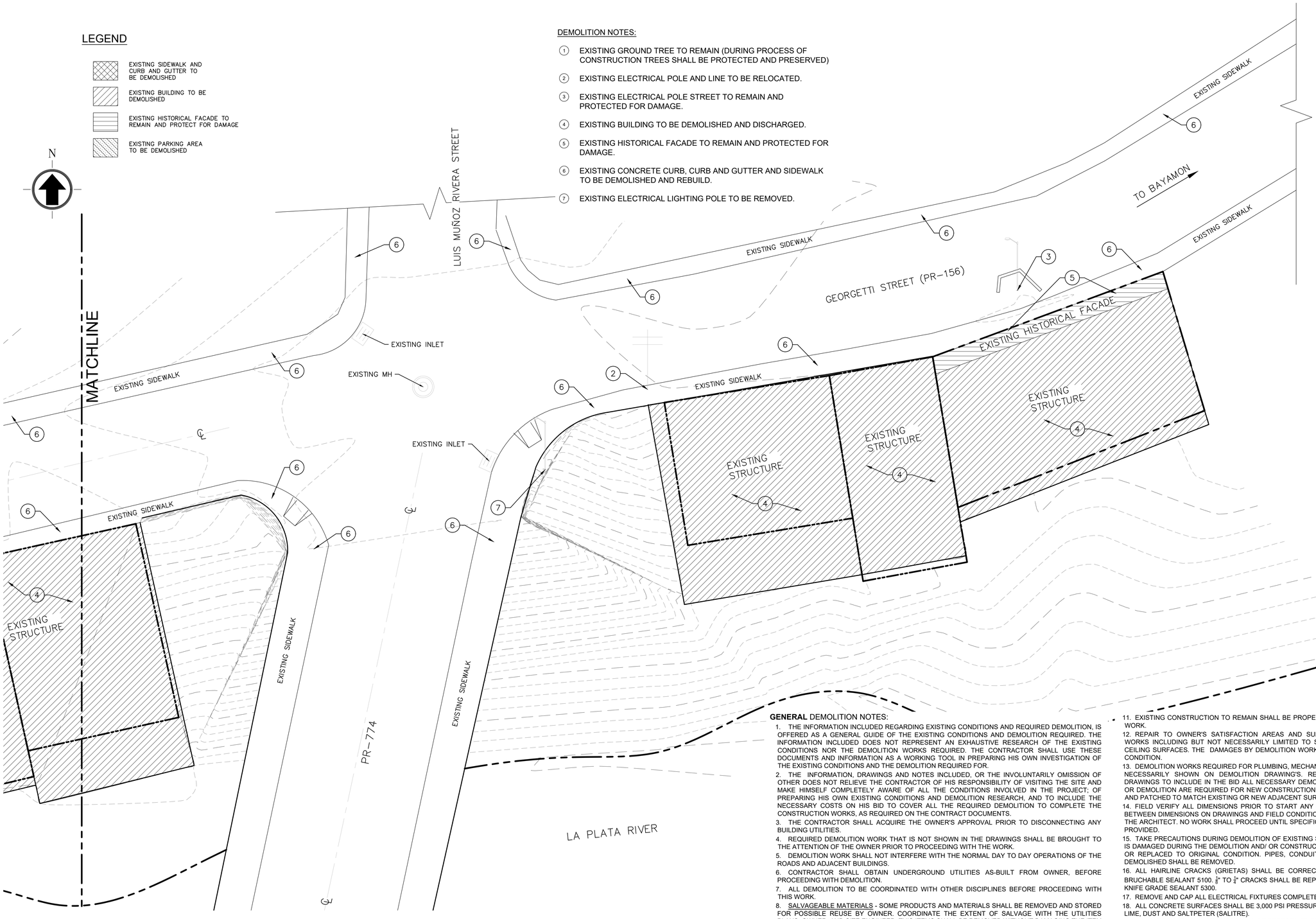
Certification:
Yo, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos y especificaciones aquí incluidos. Además, certifico que entiendo que dichos planos y especificaciones fueron preparados para cumplir con el conjunto y las disposiciones aplicables de los Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales y Federales vigentes, incluyendo las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones no he violado ninguna ley con lo dispuesto en la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicada y reglamentada por la Industria Puertorriqueña", y con la [Ley Núm. 115 de 15 de diciembre de 1976, según enmendada, según aplicada y reglamentada por la Industria Puertorriqueña", y con la [Ley Núm. 119 de 15 de diciembre de 1976, según enmendada, según aplicada y reglamentada por la Industria Puertorriqueña", y con la [Ley Núm. 15 de 14 de enero de 2004

LEGEND

- EXISTING SIDEWALK AND CURB AND GUTTER TO BE DEMOLISHED
- EXISTING BUILDING TO BE DEMOLISHED
- EXISTING HISTORICAL FACADE TO REMAIN AND PROTECT FOR DAMAGE
- EXISTING PARKING AREA TO BE DEMOLISHED

DEMOLITION NOTES:

1. EXISTING GROUND TREE TO REMAIN (DURING PROCESS OF CONSTRUCTION TREES SHALL BE PROTECTED AND PRESERVED)
2. EXISTING ELECTRICAL POLE AND LINE TO BE RELOCATED.
3. EXISTING ELECTRICAL POLE STREET TO REMAIN AND PROTECTED FOR DAMAGE.
4. EXISTING BUILDING TO BE DEMOLISHED AND DISCHARGED.
5. EXISTING HISTORICAL FACADE TO REMAIN AND PROTECTED FOR DAMAGE.
6. EXISTING CONCRETE CURB, CURB AND GUTTER AND SIDEWALK TO BE DEMOLISHED AND REBUILD.
7. EXISTING ELECTRICAL LIGHTING POLE TO BE REMOVED.



DEMOLITION SITE PLAN - EAST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

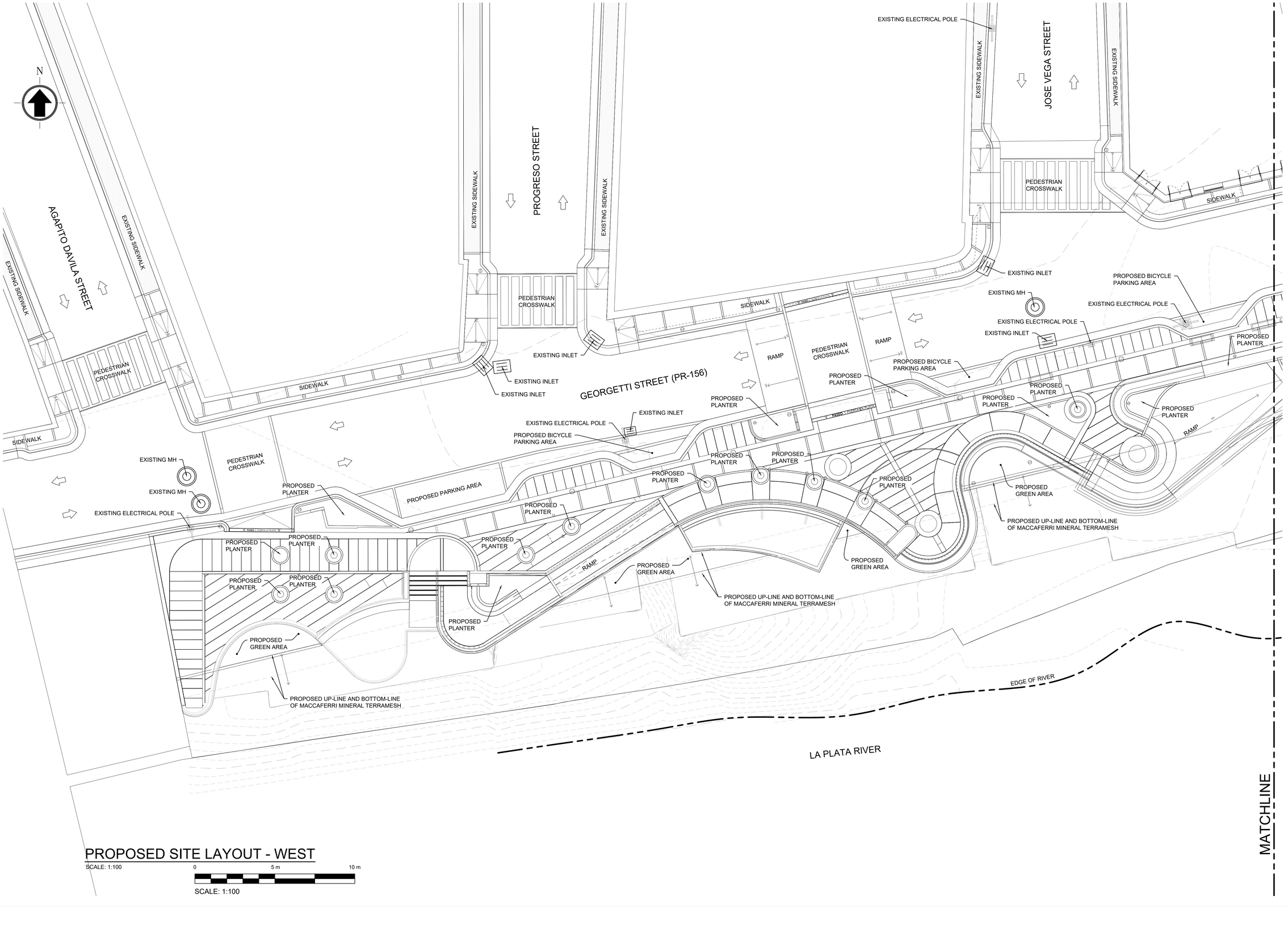
GENERAL DEMOLITION NOTES:

1. THE INFORMATION INCLUDED REGARDING EXISTING CONDITIONS AND REQUIRED DEMOLITION, IS OFFERED AS A GENERAL GUIDE OF THE EXISTING CONDITIONS AND DEMOLITION REQUIRED. THE INFORMATION INCLUDED DOES NOT REPRESENT AN EXHAUSTIVE RESEARCH OF THE EXISTING CONDITIONS NOR THE DEMOLITION WORKS REQUIRED. THE CONTRACTOR SHALL USE THESE DOCUMENTS AND INFORMATION AS A WORKING TOOL IN PREPARING HIS OWN INVESTIGATION OF THE EXISTING CONDITIONS AND THE DEMOLITION REQUIRED FOR.
2. THE INFORMATION, DRAWINGS AND NOTES INCLUDED, OR THE INVOLUNTARILY OMISSION OF OTHER DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY OF VISITING THE SITE AND MAKE HIMSELF COMPLETELY AWARE OF ALL THE CONDITIONS INVOLVED IN THE PROJECT; OF PREPARING HIS OWN EXISTING CONDITIONS AND DEMOLITION RESEARCH, AND TO INCLUDE THE NECESSARY COSTS ON HIS BID TO COVER ALL THE REQUIRED DEMOLITION TO COMPLETE THE CONSTRUCTION WORKS, AS REQUIRED ON THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL ACQUIRE THE OWNER'S APPROVAL PRIOR TO DISCONNECTING ANY BUILDING UTILITIES.
4. REQUIRED DEMOLITION WORK THAT IS NOT SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO PROCEEDING WITH THE WORK.
5. DEMOLITION WORK SHALL NOT INTERFERE WITH THE NORMAL DAY TO DAY OPERATIONS OF THE ROADS AND ADJACENT BUILDINGS.
6. CONTRACTOR SHALL OBTAIN UNDERGROUND UTILITIES AS-BUILT FROM OWNER, BEFORE PROCEEDING WITH DEMOLITION.
7. ALL DEMOLITION TO BE COORDINATED WITH OTHER DISCIPLINES BEFORE PROCEEDING WITH THIS WORK.
8. SALVAGEABLE MATERIALS - SOME PRODUCTS AND MATERIALS SHALL BE REMOVED AND STORED FOR POSSIBLE REUSE BY OWNER. COORDINATE THE EXTENT OF SALVAGE WITH THE UTILITIES PLANS, OWNER, AND SITE ENGINEER. THIS ITEMS SHALL BE REMOVED WITHOUT DAMAGING THE ITEM & STORED WHERE INDICATED BY THE OWNER.
9. NON SALVAGEABLE MATERIALS - MATERIAL AND INSTALLATIONS NOT SALVAGEABLE SHALL BE REMOVED AND DISPOSED OF LEGALLY. ENSURE THAT DEBRIS AND OTHER VESTIGES OF ABANDONED INSTALLATIONS DELETERIOUS TO SAFETY, MAINTENANCE, HYGIENE, OVERALL NEATNESS AND VISUAL APPEARANCE ARE REMOVED.
10. PREPARATION OF SURFACES FOR (RE) FINISHING - EXPOSED SURFACES SHALL BE PREPARED FOR REFINISHING IN STRICT ACCORDANCE WITH THE FINISH MANUFACTURER'S RECOMMENDATIONS. THE USE OF SOLVENTS AND OTHER FLAMMABLE VOLATILE OR TOXIC MATERIALS, IF PERMISSIBLE, SHALL BE DONE IN WELL VENTILATED AREAS AND USING SAFETY EQUIPMENT AND MEASURES REQUIRED BY PROSHA STANDARDS (AND THOSE OF OTHER REGULATORY AGENCIES HAVING JURISDICTION) AND THOSE OF THE COMMON SENSE.
11. EXISTING CONSTRUCTION TO REMAIN SHALL BE PROPERLY PROTECTED FROM THE DEMOLITION WORK.
12. REPAIR TO OWNER'S SATISFACTION AREAS AND SURFACES AFFECTED BY CONSTRUCTION WORKS INCLUDING BUT NOT NECESSARILY LIMITED TO SIDEWALK, GUTTER WALLS, FLOOR AND CEILING SURFACES. THE DAMAGES BY DEMOLITION WORK SHALL BE RESTORED TO IT'S ORIGINAL CONDITION.
13. DEMOLITION WORKS REQUIRED FOR PLUMBING, MECHANICAL AND ELECTRICAL TRADES ARE NOT NECESSARILY SHOWN ON DEMOLITION DRAWING'S. REVIEW THOSE TRADES CONSTRUCTION DRAWINGS TO INCLUDE IN THE BID ALL NECESSARY DEMOLITION WORKS. AREAS WHERE CUTTING OR DEMOLITION ARE REQUIRED FOR NEW CONSTRUCTION, SHALL BE REPAIRED, RECONSTRUCTED AND PATCHED TO MATCH EXISTING OR NEW ADJACENT SURFACES FINISH.
14. FIELD VERIFY ALL DIMENSIONS PRIOR TO START ANY CONSTRUCTION WORK. DISCREPANCIES BETWEEN DIMENSIONS ON DRAWINGS AND FIELD CONDITIONS SHALL BE IMMEDIATELY NOTIFIED TO THE ARCHITECT. NO WORK SHALL PROCEED UNTIL SPECIFIC INSTRUCTIONS BY THE ARCHITECT ARE PROVIDED.
15. TAKE PRECAUTIONS DURING DEMOLITION OF EXISTING SYSTEMS. ANY SYSTEM TO REMAIN THAT IS DAMAGED DURING THE DEMOLITION AND/ OR CONSTRUCTION WORKS, SHALL BE RESTORED AND/ OR REPLACED TO ORIGINAL CONDITION. PIPES, CONDUITS AND FITTINGS INSIDE WALLS TO BE DEMOLISHED SHALL BE REMOVED.
16. ALL HAIRLINE CRACKS (GRIETAS) SHALL BE CORRECTED WITH ELASTOMERIC PLASTER: VIP BRUCHABLE SEALANT 5100. $\frac{1}{16}$" TO $\frac{1}{4}$" CRACKS SHALL BE REPAIRED WITH ELASTOMERIC PLASTER: VIP KNIFE GRADE SEALANT 5300.
17. REMOVE AND CAP ALL ELECTRICAL FIXTURES COMPLETELY.
18. ALL CONCRETE SURFACES SHALL BE 3,000 PSI PRESSURE WASHED TO KEEP ALL AREAS FREE OF LIME, DUST AND SALTPETER (SALITRE).
19. ASBESTOS AND LEAD STUDIES SHALL BE PERFORMED PRIOR TO ANY DEMOLITION.
20. ANY DEMOLITION AFFECTING PRASA, PREPA OR DTOP UTILITIES SHALL BE COORDINATED WITH THE CORRESPONDING AGENCY PRIOR TO ANY WORK.

Rev#	Chk'd	Change Name	Date

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO
787-403-1361
FRANCISCO.RODRIGUEZ.EMA@GMAIL.COM

Certificacion:
Yo, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos y documentos aquí incluidos. Certifico además, que entiendo que dichos planos y documentos deben cumplir con todas las disposiciones del Reglamento Conjunto y las disposiciones aplicables de los reglamentos locales y estatales, incluyendo pero no limitado a Agencias, Junta, Reglamentadora o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de los planos y documentos aquí incluidos, he ejercido el cuidado con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicable) [Reconozco que soy responsable por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable] [Reconozco que soy responsable por la Ley Núm. 173 de 1 de agosto de 1978, según enmendada, según aplicable] [Reconozco que se haya producido por desconocimiento o por negligencia ya sea mía, según aplicable] [Reconozco que soy responsable por la Ley Núm. 14 de 8 de enero de 2004



PROPOSED SITE LAYOUT - WEST

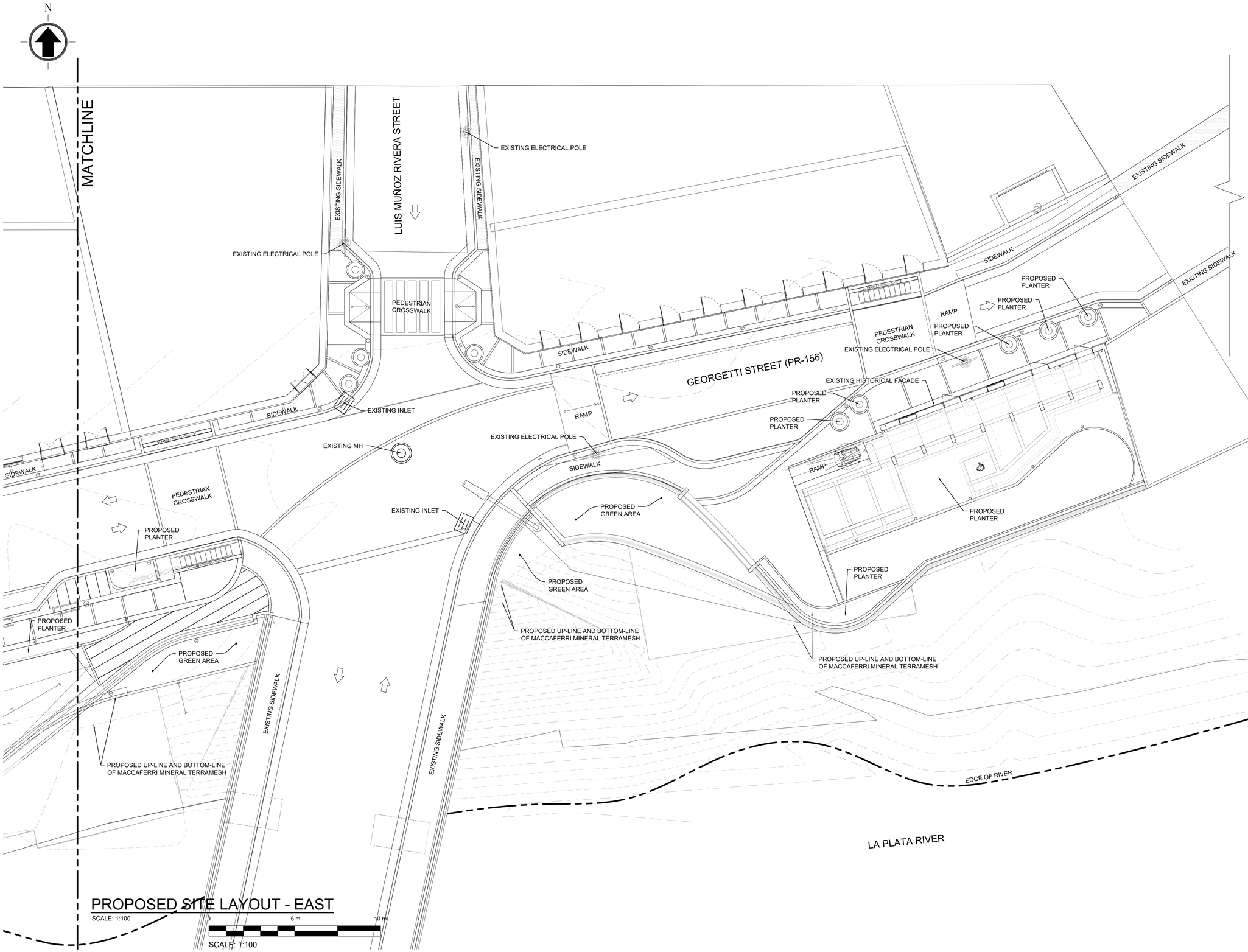
SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

Rev# Chk'd Change Name Date

Certification:
I, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó o supervisó el diseño de las estructuras que dichos planos y documentos describen. También, certifico que entiendo que dichos planos y documentos deben cumplir con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación y de Construcción de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y documentos he cumplido con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplique). Reconozco que por la Industria Puertorriqueña" y con la Ley Núm. 319 de 15 de 1978, según enmendada, según aplique). Reconozco que se haya producido por desconocimiento o por negligencia ya



PROPOSED SITE LAYOUT - EAST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

Rev1 Rev2 | ChkD | Change Name | Date

Certification:
I, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19738 certifico que hoy al profesional que diseñó los planos y especificaciones aquí incluidos. También, certifico, que entiendo que dichos planos y especificaciones fueron preparados de acuerdo con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Normas promulgadas por las distintas Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de dichos planos y especificaciones se ha hecho uso de la pericia ordinaria y prudente que se requiere, según dispuesto en la Ley Núm. 173 de 12 de agosto de 1978, según enmendada, según aplique. Reconozco que la(s) persona(s) que haya producido por descuidado o por negligencia ya sea por acción o por omisión cualquier parte de este plano, con mi conocimiento, me hacen responsable de cualquier

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LICENCIA 19738
PUERTO RICO
FRANCISCO RODRIGUEZ-EMA CORDERO, PE 19738 | 787.403.136 | rodriguezema@hotmail.com

ERBA

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, PR 00782

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000970
Project #: 23-02
Issue Date: 11.07.23 PM

Drawing Name:
PROPOSED SITE LAYOUT - EAST

Date:
SEP. 24, 2024

Drawing Scale:
1:100

Drawing Status:
ISSUE FOR PERMIT

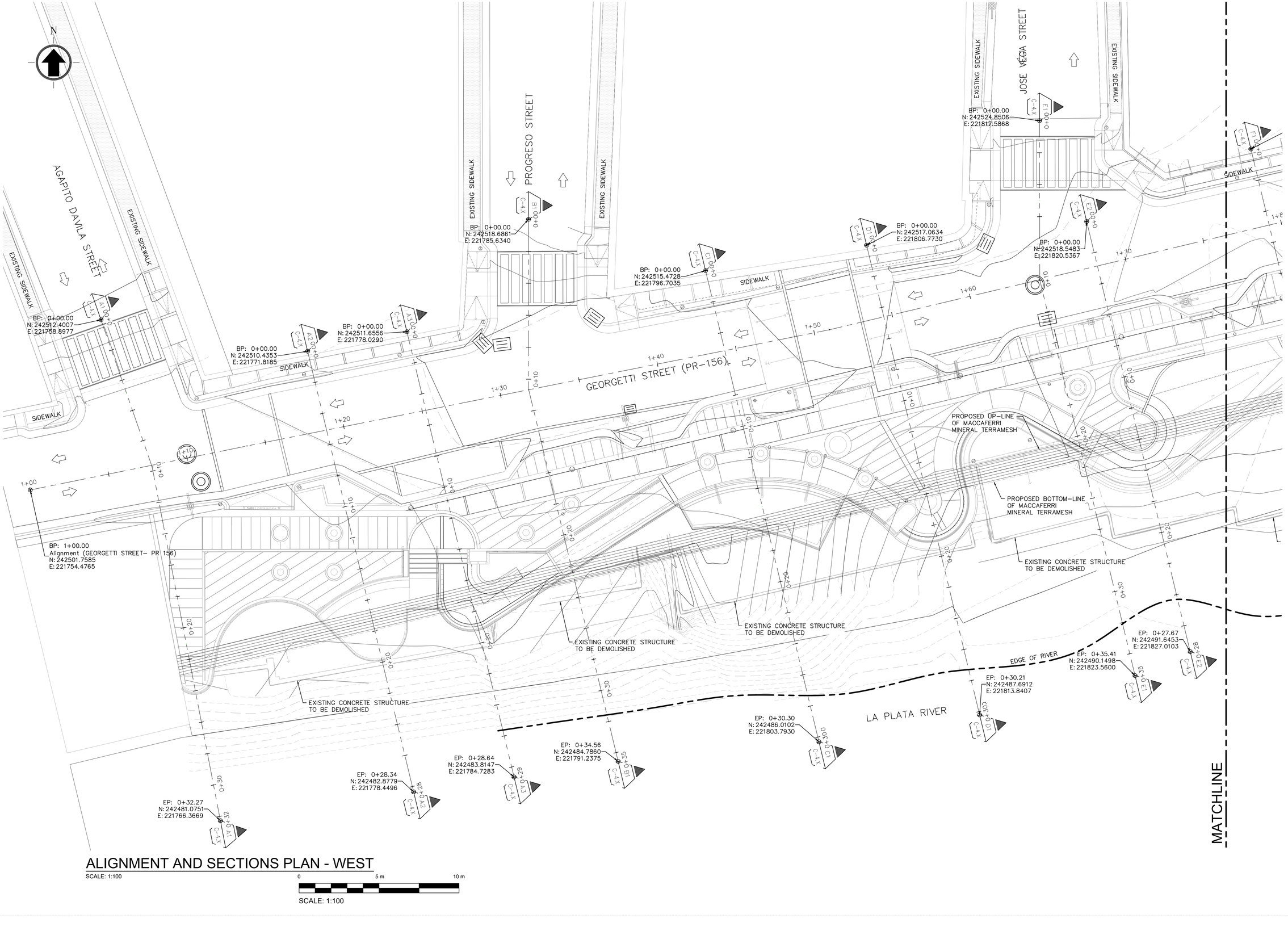
Layout ID:
C-3.2

Revision:
01

Modified by:
-

Checked by:
Ing. F. Rodriguez

Approved by



ALIGNMENT AND SECTIONS PLAN - WEST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

Rev Date Ch'd Change Name Date

Certification:
I, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19716 certifico que soy el profesional que diseñó y selló los planos y documentos relacionados a esta obra. También, certifico que entiendo que dichos planos y documentos fueron preparados de acuerdo a las disposiciones del Reglamento Conjunto y las disposiciones aplicables de los Códigos, Leyes y Reglamentos de la Junta de Planificación, la Agencias, Junta, Reglamentaciones o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y documentos no he violado ninguna ley relacionada con lo dispuesto en la Ley Núm. 76 de 5 de junio de 2000, según enmendada, según aplicó). Reconozco que cualquier violación a lo dispuesto en la Ley Núm. 76 de 5 de junio de 2000, según enmendada, según aplicó) podría conducir a la imposición de multas administrativas por la industria Puertorriqueña", y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, "Ley de Edificios Públicos", según aplicó). Reconozco que cualquier violación a lo dispuesto en la Ley Núm. 76 de 5 de junio de 2000, según enmendada, según aplicó) podría conducir a la imposición de multas administrativas por desconocimiento o por negligencia ya se haya producido por desconocimiento o por negligencia ya se haya producido por desconocimiento o por negligencia ya con mi conocimiento, me hacen responsable de cualquier

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LICENCIA 19716
PUERTO RICO
FRANCISCO RODRIGUEZ-EMA, PE 19716 787-403-1361 frodriguez@erba-pr.com

ERBA

Project:
Comerio Water Front Park
197 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, 1958

Project Info:
Cadastre: 092-000-005-67
ID #: PR-CRP-000370
Project #: 23-02
10/14/2024 1:47:27 PM

Drawing Name:
ALIGNMENT AND SECTIONS PLAN - WEST

Date:
SEP. 24, 2024

Drawing Scale:
1:100

Drawing Status:
ISSUE FOR PERMIT

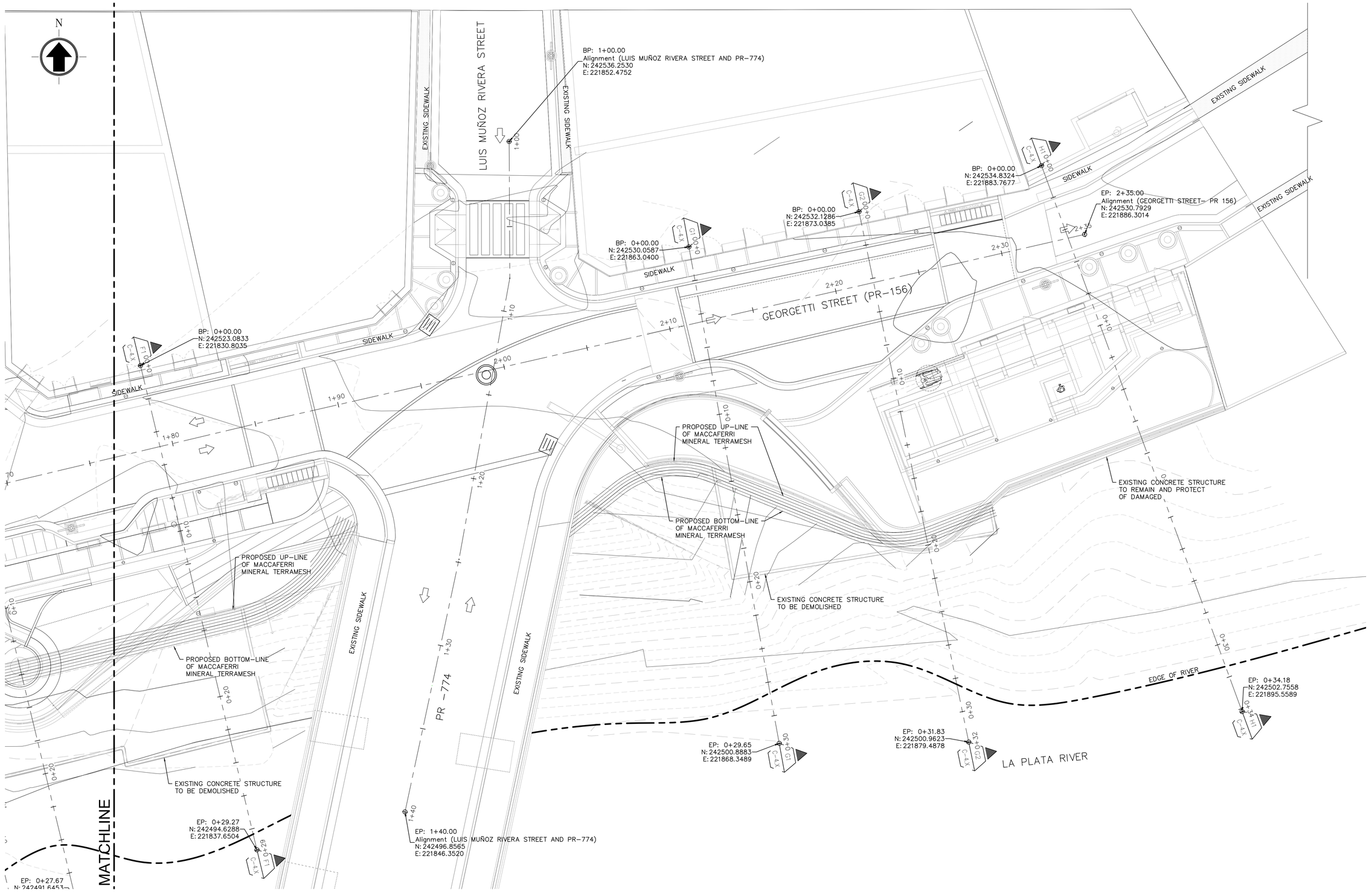
Layout ID:
C-4.1

Revision:
01

Modified by:

Checked by:
Ing. F. Rodriguez

Approved by



ALIGNMENT AND SECTIONS PLAN - EAST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

Rev# | Chk'd | Change Name | Date

Certification:
I, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que soy al profesional que diseñó la presente [illegible] que dichos planos y especificaciones aplicables de los Reglamento Conjunto y las disposiciones aplicables de la Administración de Reglamentos y Permisos, la Oficina de Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de los planos y especificaciones mencionados no he violado ningún derecho de propiedad intelectual según establecido por la Industria Puertorriqueña" y con la [illegible] Ley Núm. 19 de 15 de 1976, según enmendada, según aplique). Reconozco que se haya producido por desconocimiento o por negligencia ya que en la presentación de [illegible] con la Ley Núm. 135 de 14 de enero de 2004, con mi conocimiento, me hacen responsable de cualquier [illegible]

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

787.403.136 | franciscoRODRIGUEZ@PR.GOV | 1 Calle José de Diego, PE 11, Comerío, PR 00782 | Contribuyente Individual

ERBA

Project:
Comerio Water Front Park
191 Calle Georgetti
#Sitio Address2
Comerío - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle José de Diego
Comerío, PR

Project Info:
Cadastre: 092-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
Date: 2024-11-27 PM

Drawing Name:
ALIGNMENT AND SECTIONS PLAN - EAST

Drawing Status:
ISSUE FOR PERMIT

Drawing Scale:
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Date:
SEP. 24, 2024

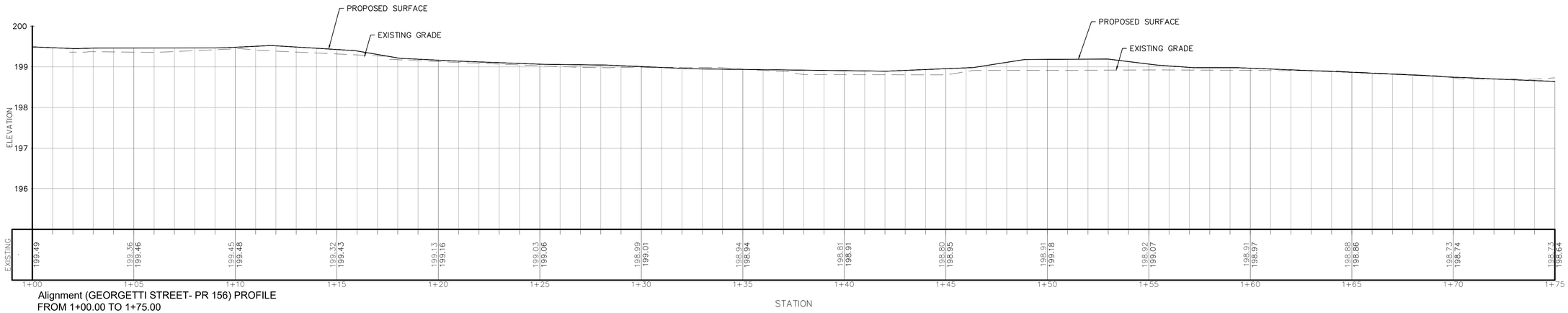
Modified by:

Revision:
01

Checked by:
Ing. F. Rodriguez

Approved by

Layout ID:
C-4.2



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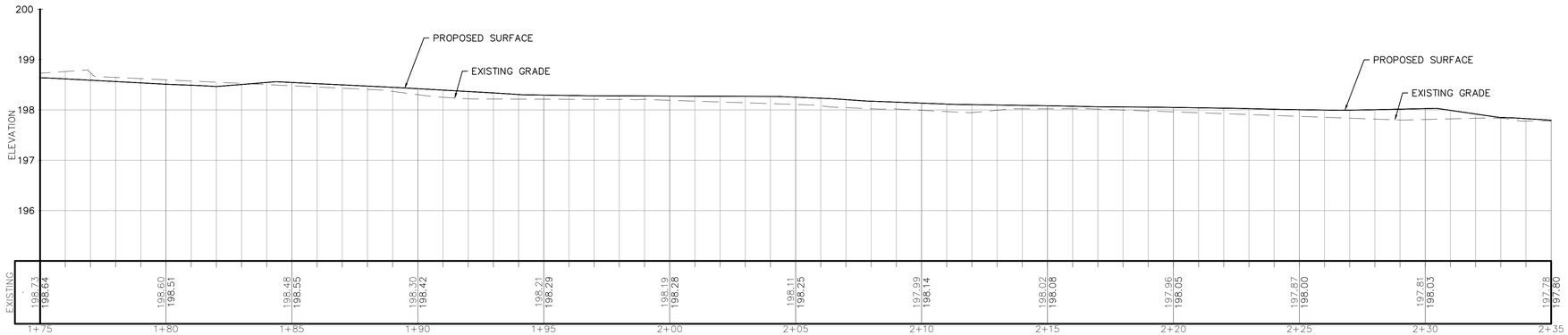

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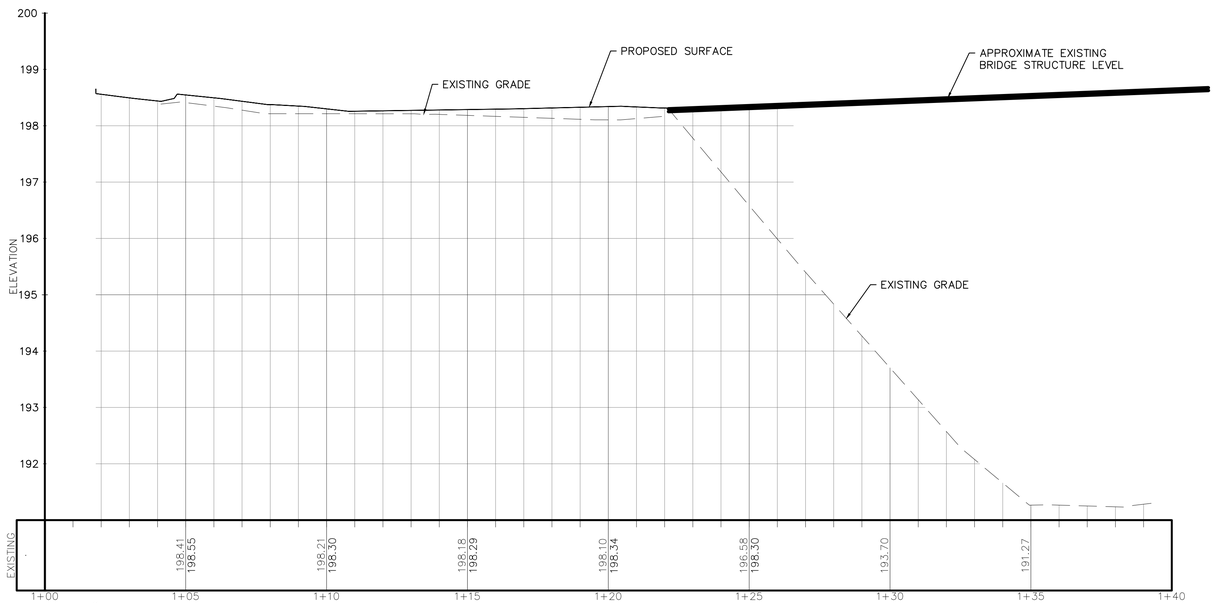

Alignment (LUIS MUÑOZ RIVERA STREET AND PR-774) PROFILE
FROM 1+00.00 TO 1+40.00

ALIGNMENT PROFILE

VERTICAL SCALE: 1:50
HORIZONTAL SCALE: 1:100

0 1 m 2 m 3 m 4 m 5 m
SCALE: 1:50
VERTICAL

0 5 m 10 m
SCALE: 1:100
HORIZONTAL

Rev'd | Ch'd | Change Name | Date

Certificacion:
Yo, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos y especificaciones aquí sometidos. También, certifico que entiendo que dichos planos y especificaciones cumplen con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales, Estatales y Federales, incluyendo a las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones he ejercido el cuidado y destreza dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplique. Reconozco que la industria Puertorriqueña "y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplique]. Reconozco que la producción por desconocimiento o por negligencia ya se haya producido por el cliente o terceros, el cliente y yo podemos ser responsables de cualquier daño que pueda ocurrir. Certifico que, según mi conocimiento, no hacen responsable de cualquier

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LICENCIA 19736
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FranciscoRodriguezEma@outlook.com

ERBA

Project:
Comerio Water Front Park
197 Calle Georgetti
#Sitio Address2
Comerio - PR

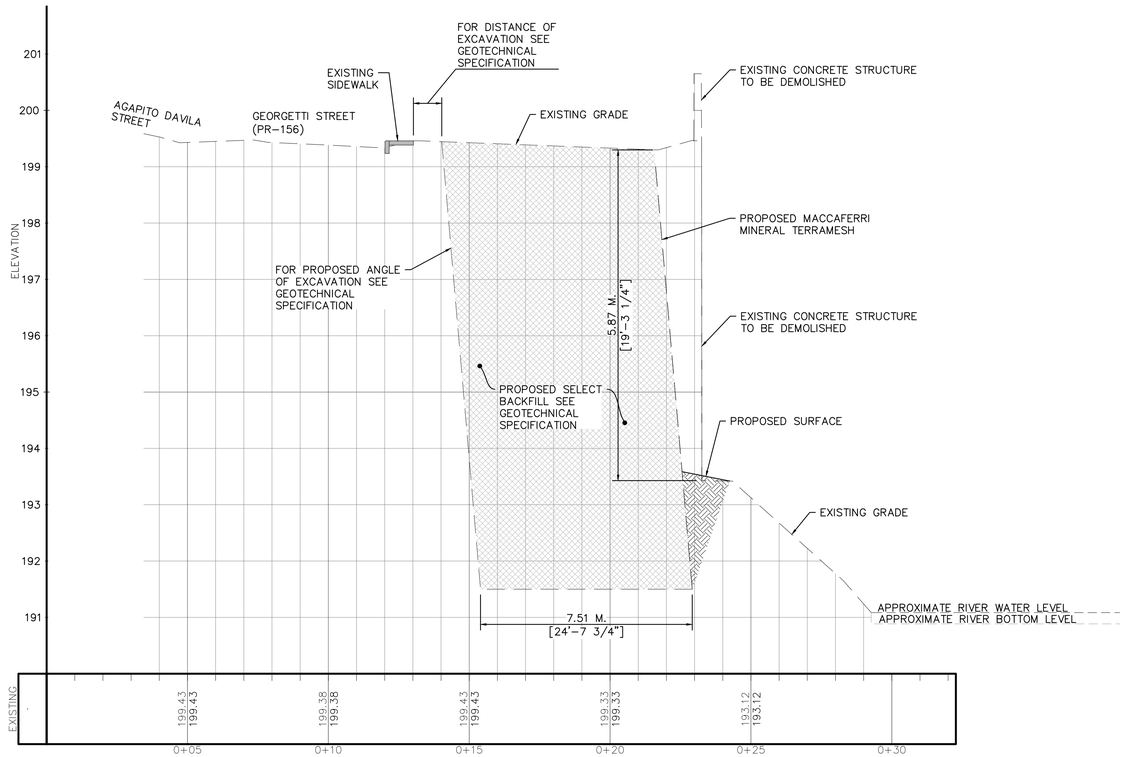
Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego

Project Info:
Cadastre: 092-000-005-67
ID #: PR-CRP-000370
Project #: 23-03
Version: 2024-09-24 1:57:07 PM

Drawing Name:
ALIGNMENT PROFILE

Date:
SEP. 24, 2024
Drawing Scale:
1:100
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
C-4.3
Revision:
01
Modified by:
Checked by:
Ing. F. Rodriguez
Approved by



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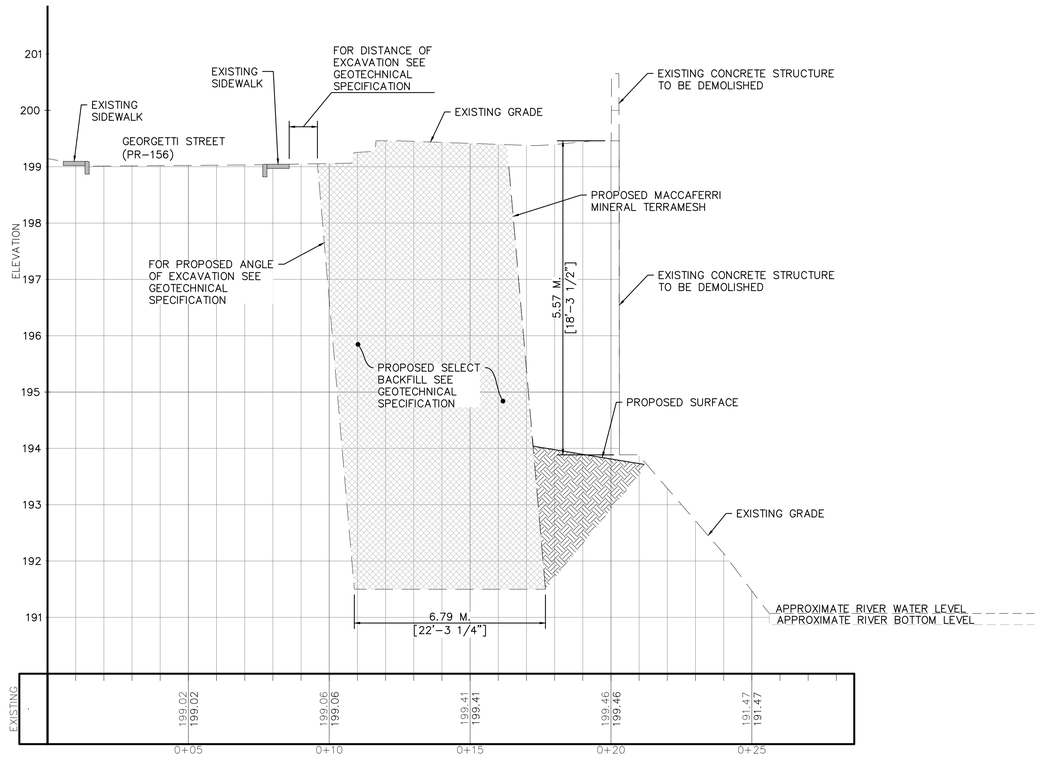
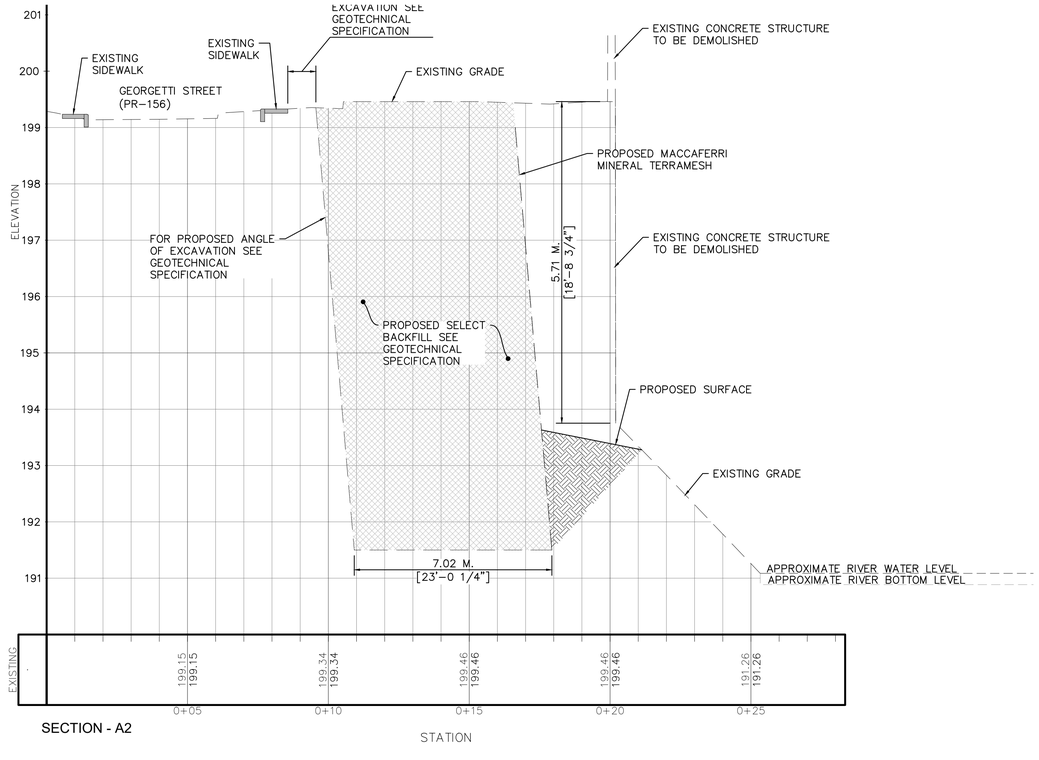


SECTION - A3

NOTE:
OPEN EXCAVATION SHORING DESIGN SHALL BE PROVIDED AND CERTIFIED BY PROJECT'S GEOTECHNICAL ENGINEER.



SECTION - A2

SECTIONS

VERTICAL SCALE: 1:50
HORIZONTAL SCALE: 1:100

0 1 m 2 m 3 m 4 m 5 m
SCALE: 1:50
VERTICAL

0 5 m 10 m
SCALE: 1:100
HORIZONTAL

Rev'd | Chk'd | Change Name | Date

Certification:
I, the undersigned, Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos y la memoria descriptiva de este proyecto. También, certifico que entiendo que dichos planos y memoria descriptiva cumplen con todas las disposiciones aplicables de los Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación, Ornato y Conservación de Edificios, Zonificación por Distritos y Uso de Terrenos, Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y memoria descriptiva he actuado de forma consistente con lo dispuesto en la Ley Núm. 74 de 8 de enero de 2004, según enmendada, según aplicada por la Administración para el Desarrollo de la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicada]. Reconozco que cualquier error, omisión o violación a estas leyes que se haya producido por desconocimiento o por negligencia ya sea mía o de cualquier persona bajo mi supervisión, y que sea conocido, me hacen responsable de cualquier sanción.

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LICENCIA 19736
PUERTO RICO
787.403.136
FRANCISCO RODRIGUEZ-EMA, PE | PUERTO RICO | contacto@erba.pr.net.ec

ERBA
ENGINEERING & ARCHITECTURE

Project:
Comerio Water Front Park
197 Calle Georgetti
#Sitio Adicional 2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, USA

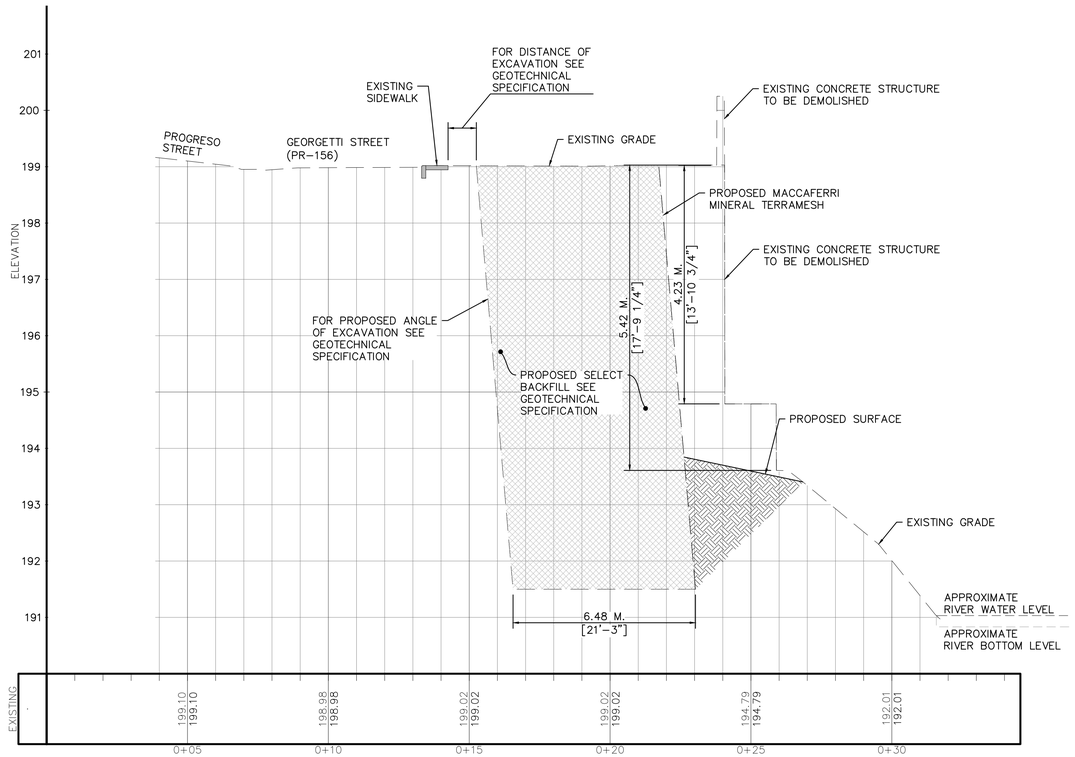
Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000370
Project #: 23-02
Last Saved On: 9/24/2024 1:10:21 PM

Drawing Name:
SECTIONS

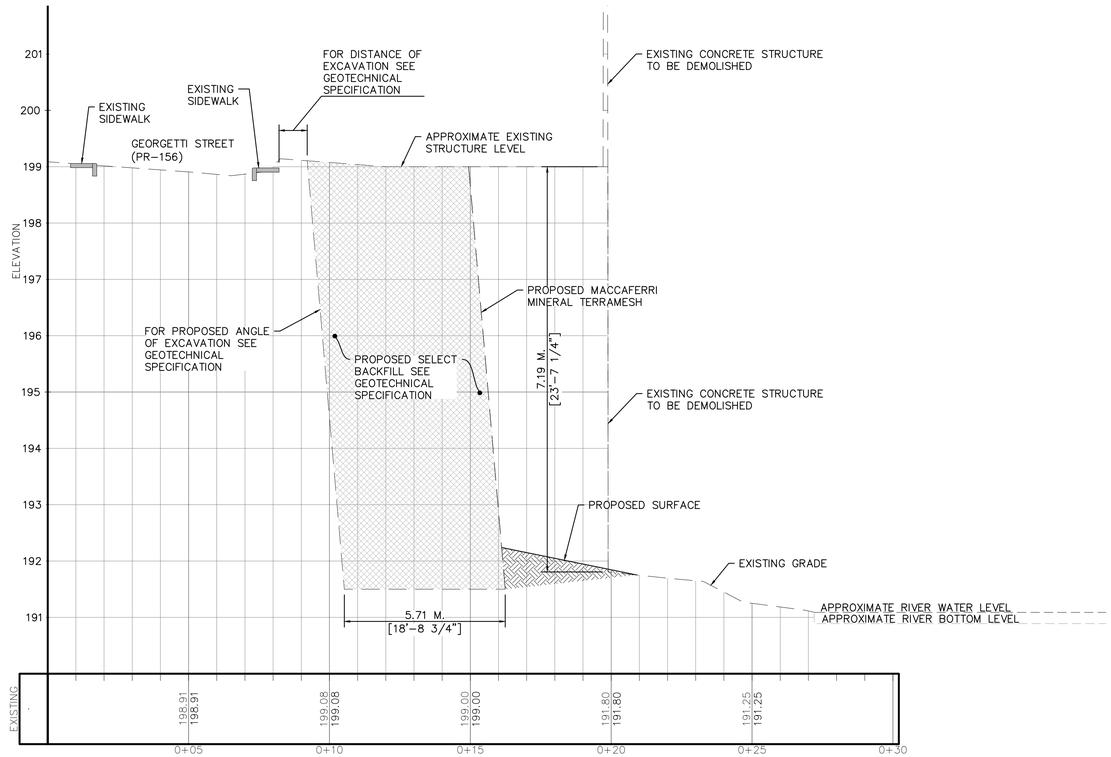
Date:
SEP. 24, 2024
Drawing Scale:
1:100
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
C-4.4

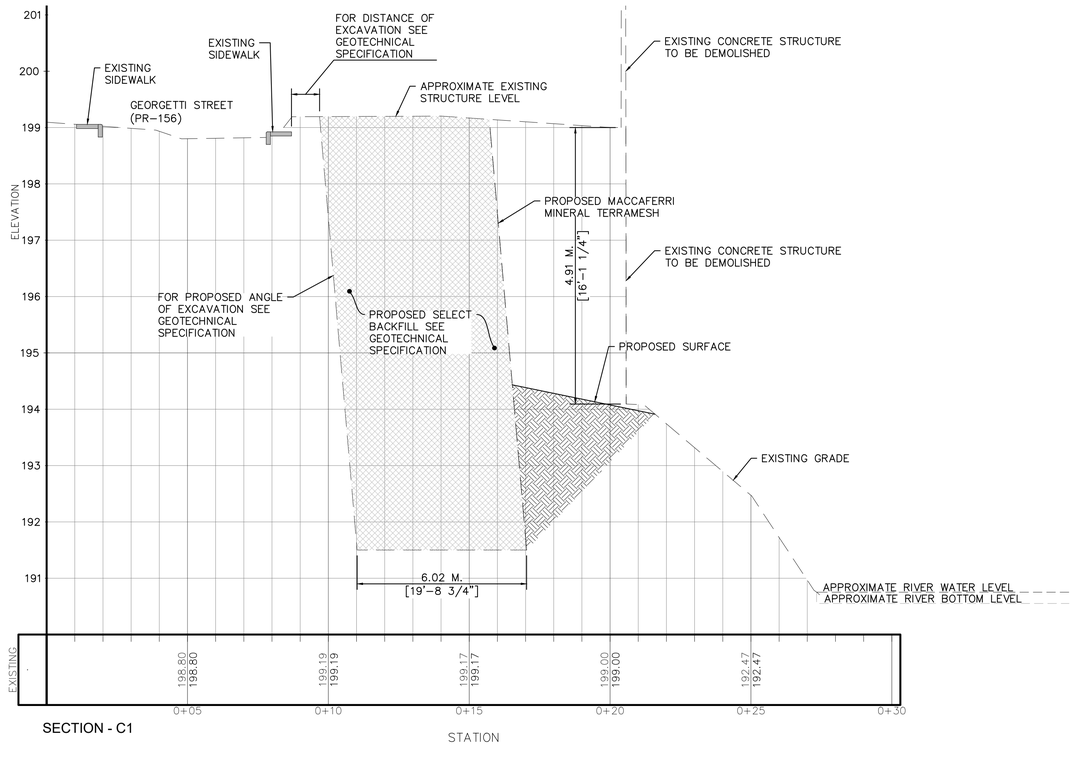
Revision:
01
Modified by:
-
Checked by:
Ing. F.Rodriguez
Approved by
-



SECTION - B1



SECTION - D1



SECTION - C1

NOTE:
OPEN EXCAVATION SHORING DESIGN SHALL BE PROVIDED AND CERTIFIED BY PROJECT'S GEOTECHNICAL ENGINEER.

SECTIONS

VERTICAL SCALE: 1:50
HORIZONTAL SCALE: 1:100

0 1 m 2 m 3 m 4 m 5 m
SCALE: 1:50
VERTICAL

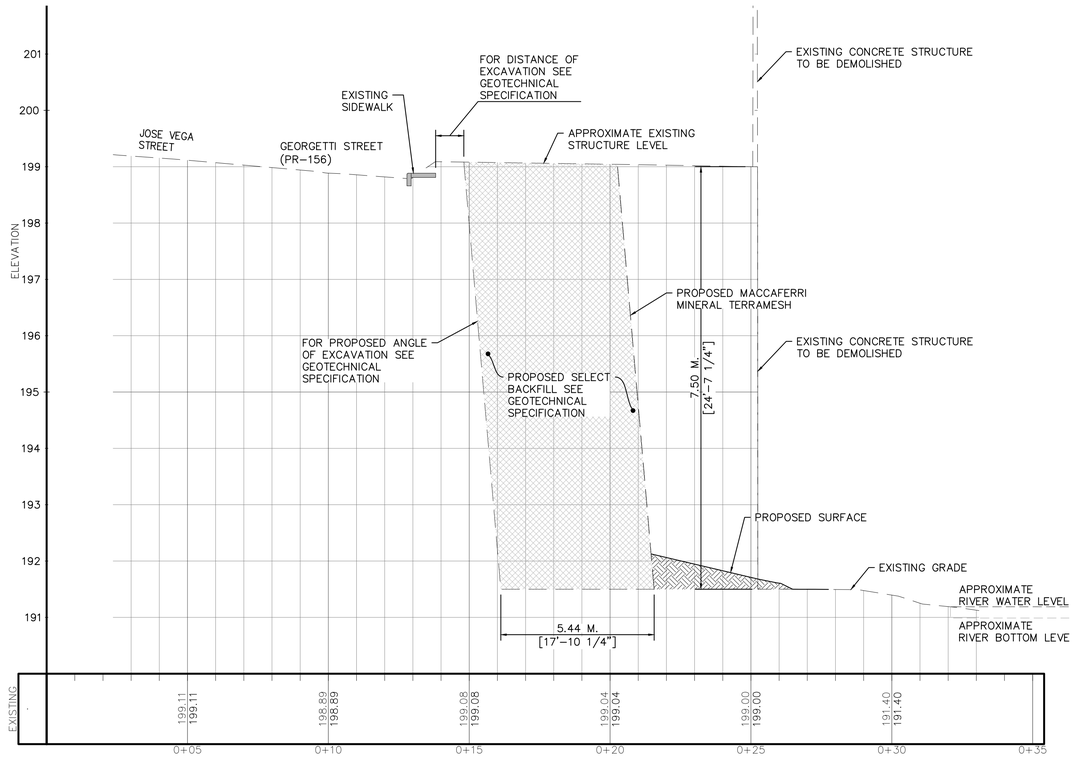
0 5 m 10 m
SCALE: 1:100
HORIZONTAL

Date
Rev'd
Chk'd
Change Name

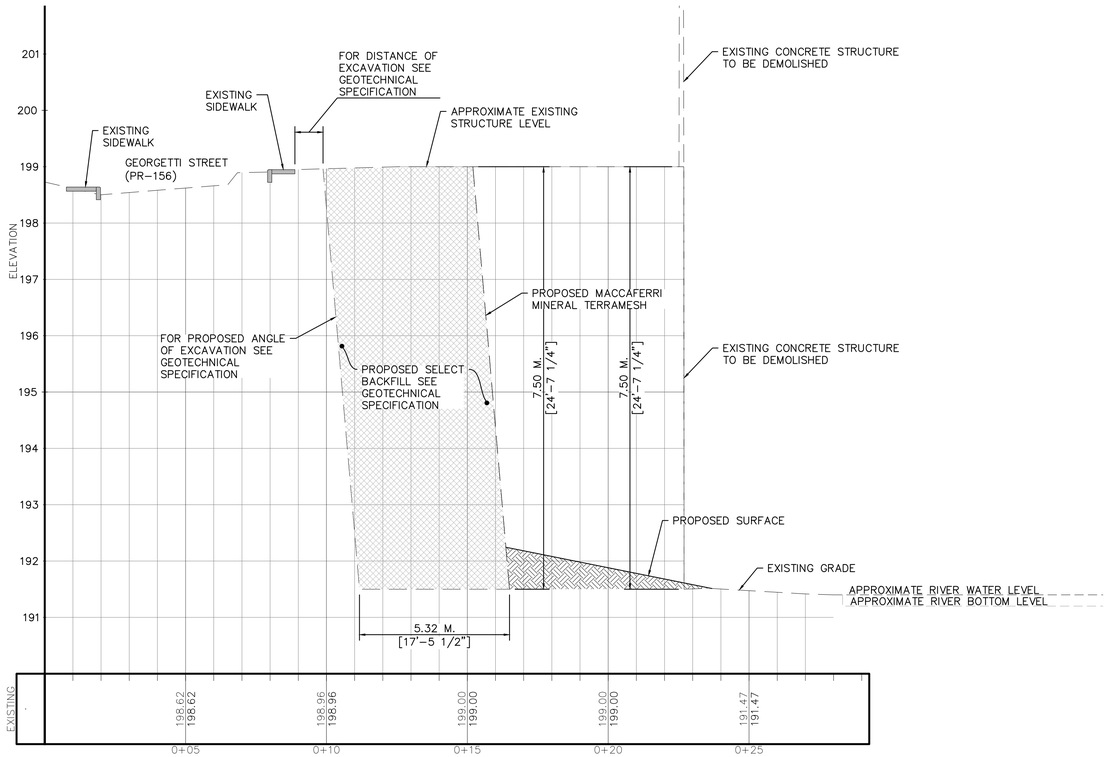
FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

ERBA

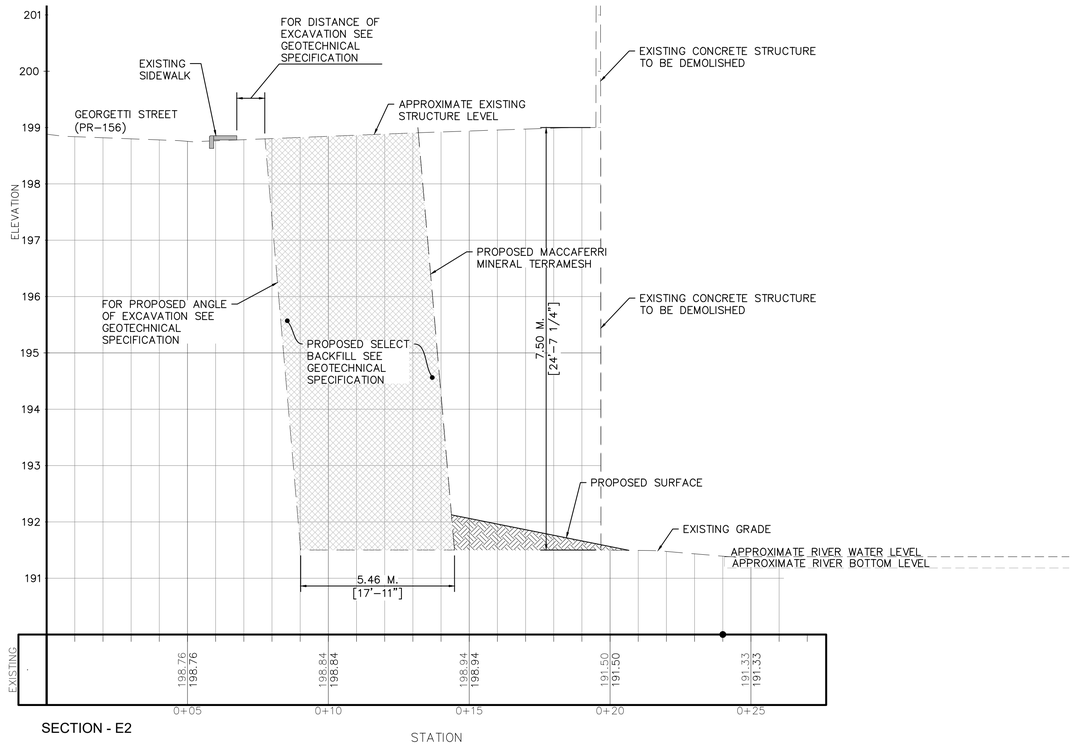
Certification:
Yo, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó o supervisó el diseño de los planos y documentos que acompañan esta certificación. También, certifico que entiendo que dichos planos y documentos fueron preparados de acuerdo a los requisitos del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación, Construcción y Ocupación vigentes. Por lo tanto, eximo a la Oficina de Gerencia de Permisos, a la Agencia, Junta Reglamentadora o Corporaciones Públicas concernientes con jurisdicción, científico, ajenista, que en la preparación de estos planos y documentos no he incurrido en conducta constitutiva de impericia crasa o temeraria, según definida en el Artículo 1802 del Código Civil de 1930, según enmendado, según aplicado por la Ley Núm. 9 de 26 de julio de 1974, según enmendada, según aplicada por la Ley Núm. 104 de 29 de junio de 1995, según enmendada, según aplicada por la Ley Núm. 135 de 15 de diciembre de 1997, según enmendada, según aplicada por la Ley Núm. 247 de 18 de octubre de 2018, según enmendada, según aplicada por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicada por la Ley Núm. 454 de 21 de diciembre de 1946, según enmendada, según aplicada por la Ley Núm. 74 de 9 de enero de 2004, según enmendada, según aplicada por la Ley Núm. 119 de 30 de junio de 1976, según enmendada, según aplicada por la Ley Núm. 319 de 15 de mayo de 1938



SECTION - E1



SECTION - F1



SECTION - E2

NOTE:
OPEN EXCAVATION SHORING DESIGN SHALL BE PROVIDED AND CERTIFIED BY PROJECT'S GEOTECHNICAL ENGINEER.

SECTIONS

VERTICAL SCALE: 1:50
HORIZONTAL SCALE: 1:100

0 1 m 2 m 3 m 4 m 5 m
SCALE: 1:50
VERTICAL

0 5 m 10 m
SCALE: 1:100
HORIZONTAL

Rev# | Chk'd | Change Name | Date

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

Certification:
I, the undersigned, Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó o supervisó el diseño de los componentes estructurales de este proyecto. También, certifico que entiendo que dichos planos y especificaciones deben cumplir con todas las disposiciones aplicables de los Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación, Construcción y Zonificación de la Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Declaro, además, que en la preparación de estos planos y especificaciones he ejercido el cuidado y la diligencia con lo dispuesto en la Ley Núm. 74 de 9 de enero de 2004, según enmendada, según aplicar). Reconozco que cualquier acción u omisión por mi parte que no cumpla con lo dispuesto por la industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicar). Reconozco que se haya producido por desconocimiento o por negligencia ya que dichos planos y especificaciones fueron preparados por mí o bajo mi supervisión directa, me hacen responsable de cualquier

ERBA

Project:
Comerio Water Front Park
197 Calle Georgetti
#Site Address#2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, USA

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000370
Project #: 23-02
Last Saved On: 10/7/24 2:54 PM

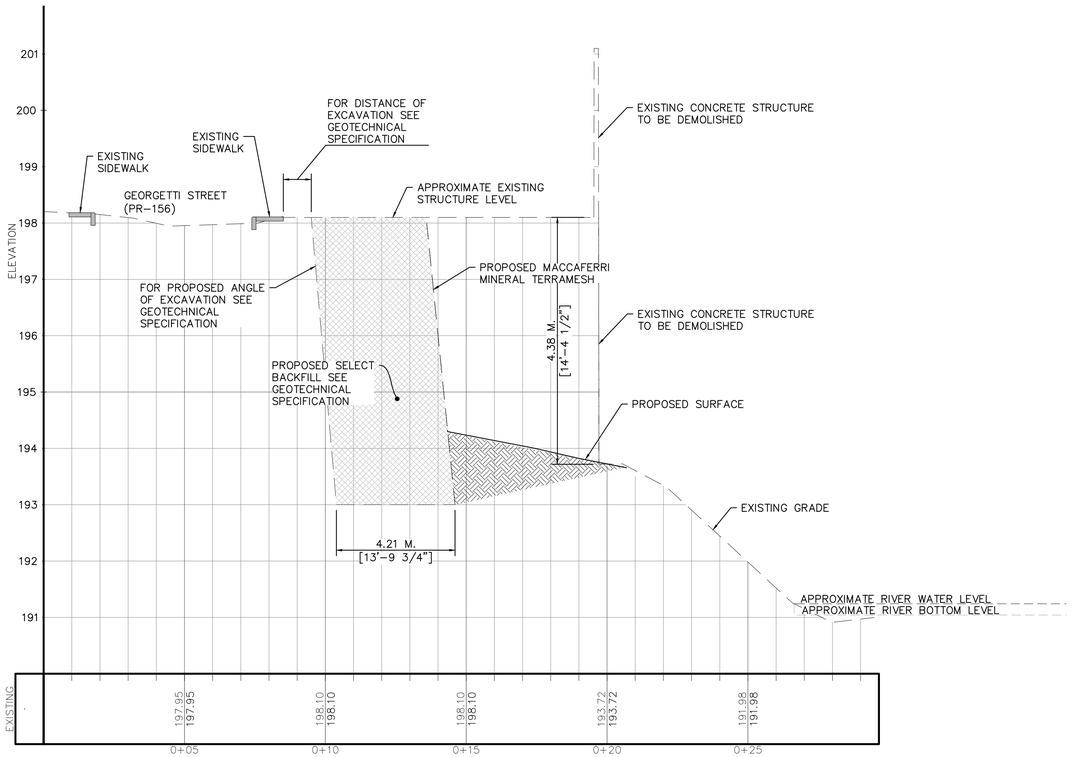
Drawing Name:
SECTIONS

Date:
SEP. 24, 2024
Drawing Scale:
1:100
Drawing Status:
ISSUE FOR PERMIT

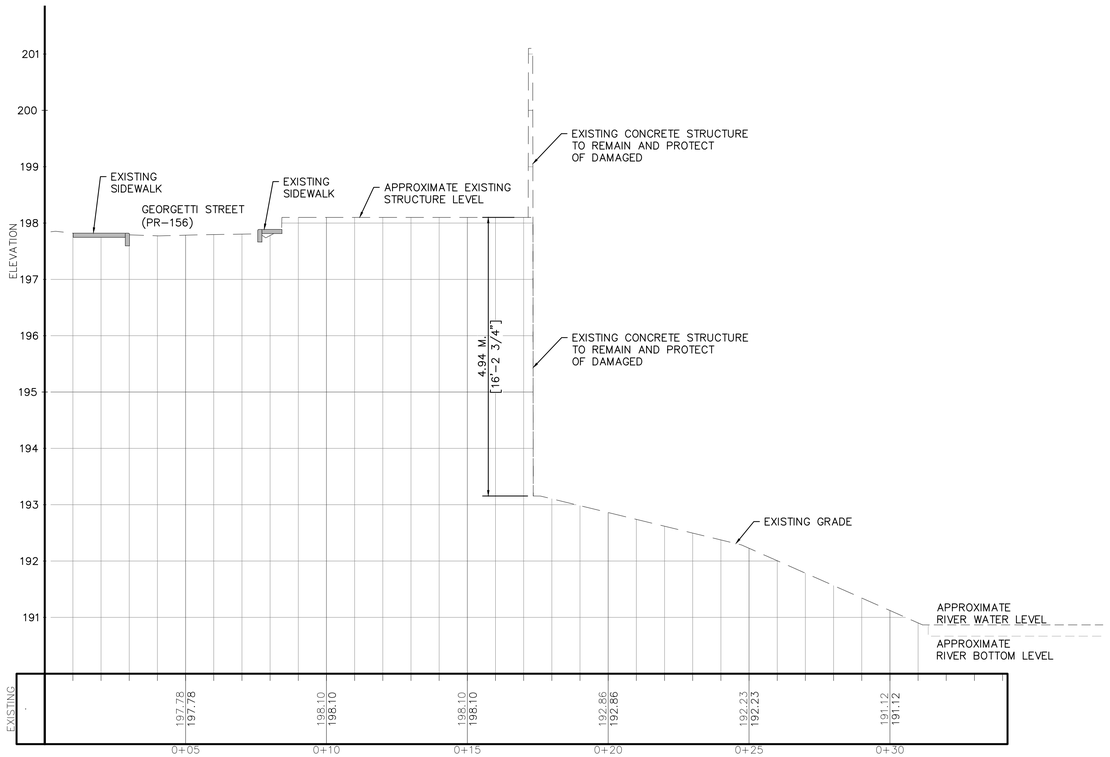
Layout ID:
C-4.6

Revision:
01
Modified by:

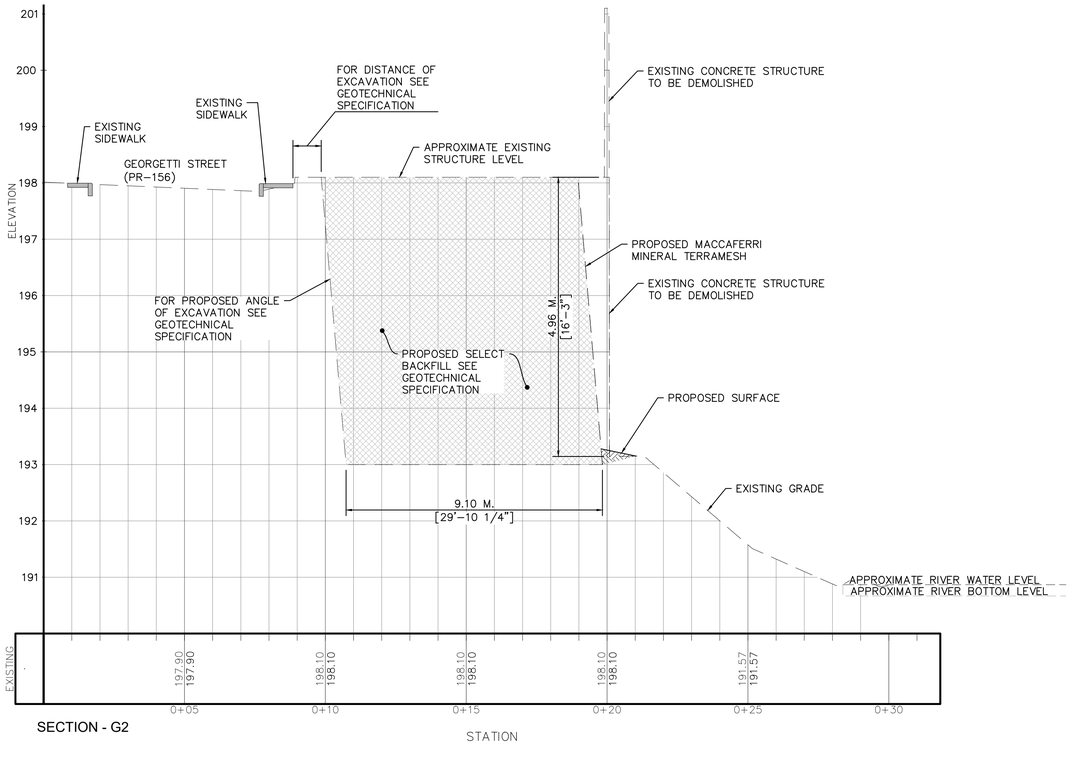
Checked by:
Ing. F. Rodriguez
Approved by



SECTION - G1



SECTION - H1



SECTION - G2

NOTE:
OPEN EXCAVATION SHORING DESIGN SHALL BE PROVIDED AND CERTIFIED BY PROJECT'S GEOTECHNICAL ENGINEER.

SECTIONS

VERTICAL SCALE: 1:50
HORIZONTAL SCALE: 1:100

0 1 m 2 m 3 m 4 m 5 m
SCALE: 1:50
VERTICAL

0 5 m 10 m
SCALE: 1:100
HORIZONTAL

Rev'd	Chk'd	Change Name	Date
.	.	.	.

Certification:
I, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos y las especificaciones aquí incluidas. También, certifico que entiendo que dichos planos y especificaciones fueron preparados conforme a los Reglamento Conjunto y las disposiciones aplicables de los Reglamentos promulgados por las Agencias Concernientes. Por lo tanto, y a mi mejor conocimiento, dichos planos y especificaciones cumplen con las disposiciones de dicho Reglamento Conjunto y las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones no he violado ninguna de las disposiciones de la Ley Núm. 84 de 18 de junio de 2010, según enmendada, conocida como "Ley de Ética Gubernamental de 2011", según aplicable a mi gestión como profesional. Reconozco que cualquier violación a lo dispuesto en la Ley Núm. 84 de 18 de junio de 2010, según enmendada, según aplicable, podría conllevar la imposición de una multa administrativa de hasta $20,000 por violación, además de referir copia de la querella presentada a la Oficina de Ética Gubernamental de Puerto Rico para la investigación correspondiente. Finalmente, certifico que no he sido multado por violación a la Ley Núm. 84 de 18 de junio de 2010, según enmendada, según aplicable. Reconozco que se haya producido por desconocimiento o por negligencia ya que es mi responsabilidad conocer el contenido de la ley y cumplir con mi cumplimiento, me hacen responsable de cualquier

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO
787.403.136
Francisco.Rodriguez-Ema@pr.erba.com

ERBA
www.erba.pr

Project:
Comerio Water Front Park
197 Calle Georgetti
#Site Address#2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, PR

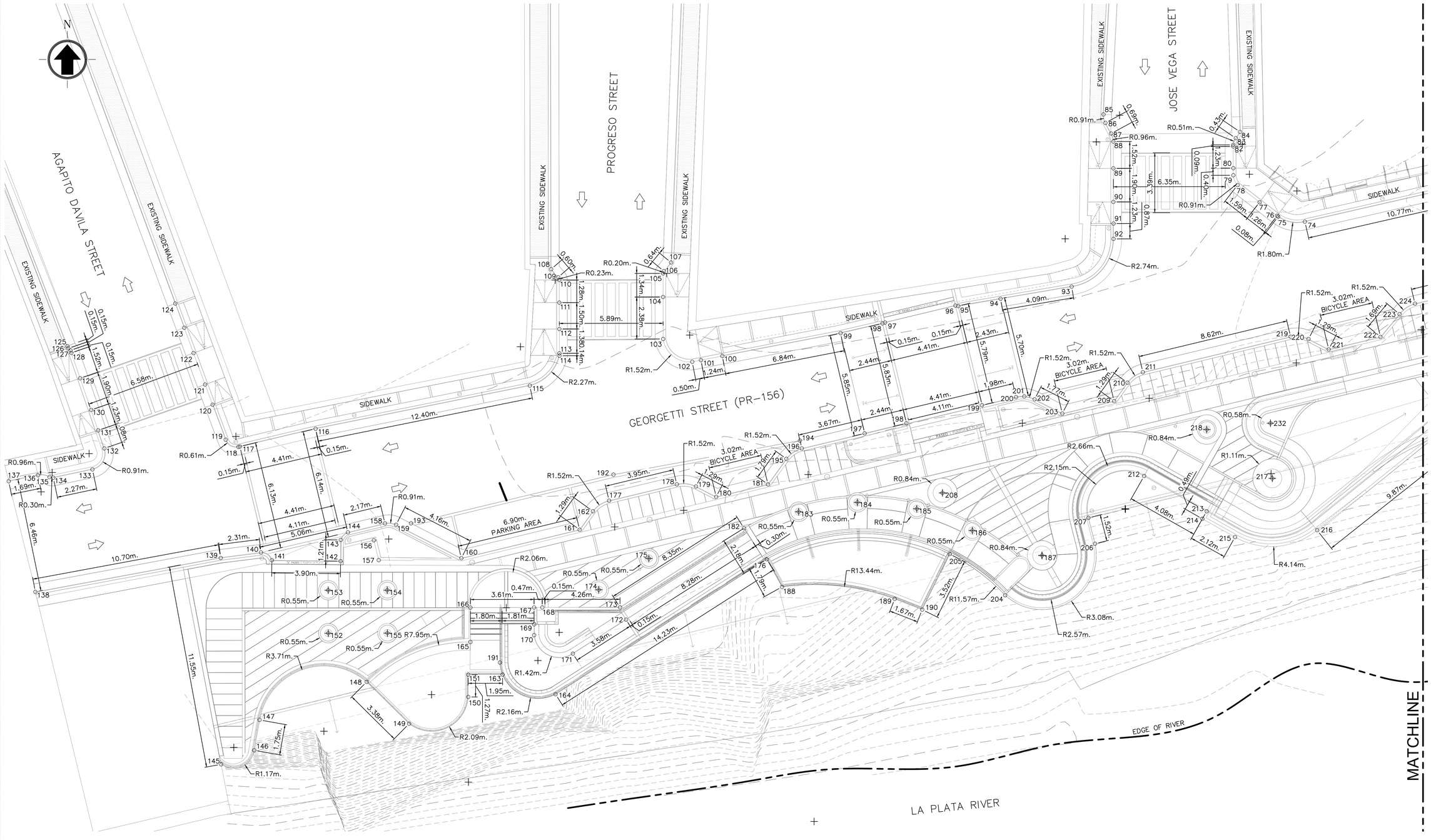
Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000370
Project #: 23-02
V24.0.0.0 | 10:17:21 PM

Drawing Name:
SECTIONS

Date:
SEP. 24, 2024
Drawing Scale:
1:100
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
C-4.7

Revision:
01
Modified by:
.
Checked by:
Ing. F.Rodriguez
Approved by
.



GEOMETRIC PLAN - WEST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

Date:
Rev'd Chk'd Change Name

Certification:
I, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 13738 certifico que soy el profesional que diseñó las estructuras y/o supervisó su construcción. También, certifico que entiendo que dichos planos y especificaciones fueron preparados de acuerdo con el Reglamento Conjunto y las disposiciones aplicables a Permisos de Construcción y Uso de la Administración de Asuntos Agrícolas, Junta Reglamentadora o Corporaciones Públicas con jurisdicción. Además, asumo que en la preparación de dichos planos y especificaciones se cumplió con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplique, y su Reglamento, según aplicable por la Industria Puertorriqueña y con la [Ley Núm. 319 de 15 de mayo de 1976, según enmendada, según aplique]. Reconozco que se haya producido por desconocimiento o por negligencia ya sea mía o de mi personal, cualquier violación a dichas leyes y reglamentos, me hago responsable de cualquier multa o penalidad que se imponga con motivo de dicho incumplimiento, me hago responsable de cualquier

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. Nº 13738
PUERTO RICO

FRANCISCO RODRIGUEZ-EMA, PE 787-403-1361 fcoemacordero@gmail.com

ERBA

Project:
Comerio Water Front Park
197 Calle Georgetti
#Site Address 2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
#Client Suite

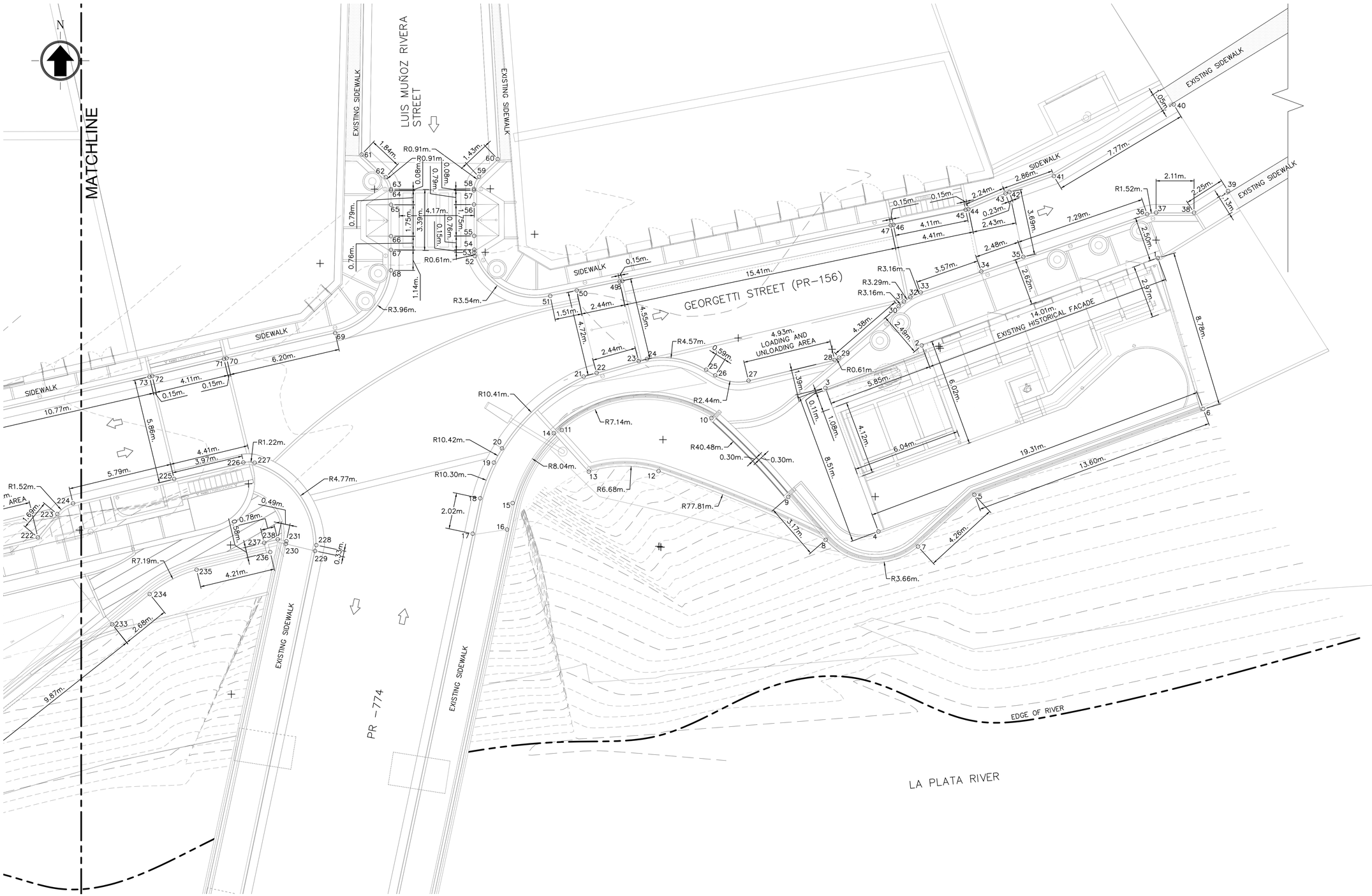
Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
#MARKER1 | #MARKER2

Drawing Name:
GEOMETRIC PLAN - WEST

Date:
SEP. 24, 2024
Drawing Scale:
1:100
Drawing Status:
ISSUE FOR PERMIT
#ADDITIONAL INFORMATION

Layout ID:
C-5.1

Revision:
01
Modified by:
-
Checked by:
Ing. F. Rodriguez
Approved by


N
MATCHLINE
LUIS MUÑOZ RIVERA STREET
EXISTING SIDEWALK
EXISTING SIDEWALK
SIDEWALK
SIDEWALK
SIDEWALK
SIDEWALK
GEORGETTI STREET (PR-156)
EXISTING HISTORICAL FACADE
4.93m. LOADING AND UNLOADING AREA
EXISTING SIDEWALK
EXISTING SIDEWALK
EXISTING SIDEWALK
EXISTING SIDEWALK
PR - 774
EDGE OF RIVER
LA PLATA RIVER
R0.91m.
R0.91m.
R0.61m.
R3.54m.
R3.96m.
R4.57m.
R2.44m.
R10.41m.
R7.14m.
R10.42m.
R8.04m.
R10.30m.
R6.68m.
R77.81m.
R40.48m.
R4.77m.
R1.22m.
R7.19m.
R1.52m.
R3.16m.
R3.29m.
R3.16m.
R1.52m.
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7.29m.
14.01m.
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13.60m.
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6.04m.
5.85m.
6.02m.
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4.17m.
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4.41m.
3.97m.
4.21m.
2.02m.
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4.26m.
3.17m.
2.49m.
2.62m.
2.87m.
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2.43m.
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3.57m.
4.38m.
4.12m.
1.39m.
1.08m.
0.11m.
0.30m.
0.30m.
0.59m.
0.49m.
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0.58m.
0.13m.
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0.08m.
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0.76m.
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0.15m.
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2.11m.
2.25m.
1.35m.
0.23m.
0.15m.
0.15m.
0.15

DATA POINT TABLE		
POINT #	NORTHING	EASTING
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2	242524.1162	221879.0269
3	242521.7533	221873.6654
4	242513.7689	221876.6172
5	242515.8079	221881.9576
6	242520.5747	221894.6932
7	242512.9240	221878.8174
8	242513.2993	221873.6798
9	242515.6884	221871.5987
10	242520.0742	221867.3226
11	242519.4051	221858.9984
12	242517.1237	221864.3777
13	242517.0927	221860.5031
14	242519.2334	221858.5499
15	242515.3472	221856.2594
16	242513.8749	221855.9477
17	242513.6390	221854.0375
18	242515.6121	221854.4557
19	242517.5995	221855.2184
20	242518.3946	221855.6659
21	242522.3812	221860.2103
22	242522.5848	221860.9335
23	242523.2456	221863.2809
24	242523.3591	221863.7362
25	242522.7626	221867.0299

DATA POINT TABLE		
POINT #	NORTHING	EASTING
26	242522.4519	221867.5323
27	242522.1549	221869.3854
28	242523.3086	221874.1800
29	242523.4343	221874.4291
30	242526.2961	221877.7413
31	242526.5549	221878.0329
32	242526.7986	221878.3929
33	242527.0599	221878.9689
34	242528.2298	221882.3392
35	242529.0426	221884.6809
36	242531.4163	221891.5700
37	242531.4997	221892.0681
38	242531.4984	221894.1802
39	242532.7079	221896.0723
40	242537.5196	221893.0523
41	242533.5356	221886.3779
42	242532.6468	221883.9049
43	242532.5684	221883.6869
44	242531.6953	221881.6212
45	242531.6616	221881.4723
46	242530.8280	221877.4502
47	242530.7970	221877.3009
48	242527.7016	221862.3654
49	242527.6707	221862.2162
50	242527.1757	221859.8275

DATA POINT TABLE		
POINT #	NORTHING	EASTING
51	242526.8698	221858.3516
52	242529.0861	221854.1619
53	242529.2907	221854.1249
54	242529.4443	221854.1237
55	242530.2080	221854.1193
56	242531.9558	221854.1073
57	242532.7443	221854.1020
58	242532.8226	221854.1014
59	242533.4928	221854.3871
60	242534.4790	221855.4285
61	242534.7340	221847.8583
62	242533.4763	221849.2025
63	242532.8079	221849.4921
64	242532.7296	221849.4920
65	242531.9410	221849.4914
66	242530.1932	221849.4899
67	242529.4295	221849.4901
68	242528.2919	221849.4884
69	242524.8042	221846.3832
70	242523.4033	221840.3442
71	242523.3677	221840.1960
72	242522.4129	221836.2009
73	242522.3757	221836.0518
74	242519.9801	221825.5480
75	242520.2688	221824.0324

DATA POINT TABLE		
POINT #	NORTHING	EASTING
76	242520.3159	221823.9717
77	242521.0854	221822.9778
78	242522.0561	221821.7241
79	242522.6146	221821.4848
80	242523.0173	221821.4843
81	242524.2521	221821.4824
82	242524.3394	221821.4822
83	242524.7214	221821.6258
84	242525.0770	221821.8677
85	242526.0691	221814.1160
86	242525.5879	221814.2250
87	242524.9836	221814.5521
88	242524.5298	221814.6769
89	242523.0050	221814.6801
90	242521.1009	221814.6792
91	242519.8742	221814.6846
92	242519.0049	221814.6858
93	242516.2922	221812.3104
94	242515.6029	221808.2750
95	242515.1928	221805.8743
96	242515.2184	221805.7114
97	242514.2574	221801.7178
98	242514.2033	221801.5742
99	242513.6560	221799.1978
100	242512.3563	221792.4844

DATA POINT TABLE		
POINT #	NORTHING	EASTING
101	242512.1221	221791.2698
102	242512.0271	221790.7770
103	242513.3235	221789.1260
104	242515.7043	221789.1225
105	242517.0451	221789.1234
106	242517.1741	221789.1696
107	242517.6654	221789.5734
108	242517.2854	221782.7708
109	242516.8275	221783.1661
110	242516.6710	221783.2295
111	242515.3887	221783.2319
112	242513.8887	221783.2347
113	242512.5069	221783.2369
114	242512.3713	221783.2373
115	242510.6763	221781.5586
116	242508.2275	221769.4005
117	242507.2165	221765.1054
118	242507.1960	221765.0202
119	242507.6050	221764.2963
120	242509.5928	221763.5565
121	242510.7365	221763.1334
122	242512.5239	221762.4768
123	242513.9600	221761.9454
124	242515.3328	221761.4375
125	242512.9170	221755.3168

DATA POINT TABLE		
POINT #	NORTHING	EASTING
126	242512.7892	221755.3675
127	242512.6765	221755.4888
128	242512.5342	221755.5395
129	242511.0929	221756.0377
130	242509.2925	221756.6584
131	242508.1330	221757.0583
132	242507.1113	221757.4112
133	242505.9187	221756.7365
134	242505.4472	221754.5141
135	242505.4805	221754.3000
136	242505.5892	221753.6424
137	242505.2471	221751.9849
138	242498.9676	221753.4959
139	242500.8929	221764.0171
140	242501.2052	221766.3039
141	242500.7634	221766.9193
142	242500.7111	221770.8201
143	242501.9173	221770.8300
144	242502.3460	221771.2340
145	242489.1806	221764.0393
146	242489.9754	221765.9159
147	242491.7010	221766.2198
148	242493.8613	221772.3012
149	242491.4840	221774.7075
150	242493.0043	221778.0628

DATA POINT TABLE		
POINT #	NORTHING	EASTING
151	242494.2701	221778.0617
152	242496.6225	221770.1232
153	242499.0627	221770.1194
154	242499.0661	221773.4715
155	242496.6277	221773.4760
156	242501.8966	221772.7077
157	242500.7699	221772.9857
158	242502.8539	221773.3389
159	242502.7789	221773.9701
160	242500.8830	221777.6726
161	242502.4978	221784.3856
162	242503.5447	221785.1402
163	242494.2730	221780.0128
164	242493.1572	221783.0176
165	242496.1197	221778.1857
166	242498.0755	221778.1860
167	242498.0814	221781.7998
168	242498.0822	221782.2695
169	242497.1234	221781.8045
170	242496.5117	221781.8048
171	242495.4623	221784.0028
172	242497.3910	221787.0210
173	242498.0909	221786.6793
174	242499.0905	221785.4719
175	242500.8650	221788.3166

DATA POINT TABLE		
POINT #	NORTHING	EASTING
176	242500.8183	221795.0081
177	242504.1444	221786.0602
178	242505.0687	221789.9015
179	242504.9517	221790.9888
180	242504.3624	221792.1369
181	242505.0694	221795.0759
182	242502.5836	221793.7160
183	242503.5160	221796.8153
184	242504.0484	221800.1529
185	242503.6838	221803.5210
186	242502.4481	221806.6755
187	242501.0363	221810.6313
188	242499.2510	221795.8734
189	242498.5707	221802.2711
190	242497.9619	221803.8268
191	242494.9559	221779.8635
192	242505.6248	221786.3057
193	242502.8597	221774.8154
194	242507.5528	221796.8880
195	242506.5176	221796.1151
196	242507.1083	221796.9949
197	242507.9664	221800.5613
198	242508.5369	221802.9320
199	242509.5620	221807.2237
200	242510.0228	221809.1533

DATA POINT TABLE		
POINT #	NORTHING	EASTING
201	242510.0616	221809.6224
202	242509.8975	221810.2085
203	242509.0904	221811.7811
204	242498.7789	221808.5360
205	242501.1111	221805.3900
206	242501.6983	221813.6370
207	242503.1675	221813.2615
208	242504.5866	221804.9803
209	242509.7976	221814.7190
210	242510.8457	221815.4741
211	242511.4365	221816.3540
212	242505.5466	221816.4233
213	242503.5417	221819.9713
214	242503.1159	221819.7289
215	242502.0806	221821.5829
216	242502.4693	221826.2432
217	242505.4097	221823.6982
218	242508.1823	221819.9761
219	242513.4536	221824.7368
220	242513.3195	221825.7531
221	242512.7299	221826.9019
222	242513.4372	221829.8402
223	242514.7353	221830.9180
224	242515.3257	221831.7976
225	242516.6845	221837.4230

DATA POINT TABLE		
POINT #	NORTHING	EASTING
226	242517.6057	221841.2727
227	242517.5896	221841.9030
228	242513.0056	221845.3319
229	242512.6832	221845.2642
230	242513.0748	221843.6373
231	242513.2238	221843.6692
232	242508.5428	221823.5961
233	242508.5997	221833.9748
234	242510.2837	221836.0615
235	242511.6372	221838.6695
236	242512.6224	221842.7665
237	242513.1357	221842.4340
238	242513.3266	221843.1883

Date:
Rev'd:
Chk'd:
Change Name:

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO
FRANCISCO RODRIGUEZ-EMA, PE 19736 | 787.455.1381 | contacto@frcpr.net

ERBA
www.erba.pr

Certificacion:
Yo, Francisco Rodriguez-Ema, Ingeniero, con licencia 19736 certifico que soy al profesional que diseñó los planos finales para esta construcción. También, certifico que entiendo que dichos planos y especificaciones cumplen con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de dichos planos no he violado ninguna de las disposiciones de la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicó por la Industria Puertorriqueña" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicó por la Industria Puertorriqueña" y con la Ley Núm. 416 de 22 de septiembre de 1932, según enmendada, según aplicó. Reconozco que por desconocimiento o por negligencia ya sea propios o de terceros, dichos planos y especificaciones violen alguna de las disposiciones de las leyes y reglamentos antes mencionados, me hacen responsable de cualquier acción civil o criminal que pueda surgir como consecuencia de ello.

Project:
Comerio Water Front Park
197 Calle Georgetti
#Sin Address#2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, Puerto Rico

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
Version: Rev 1 - 07-22-2024

Drawing Name:
GEOMETRIC DATA TABLE

Layout ID:
C-5.3

Revision:
01

Modified by:
-

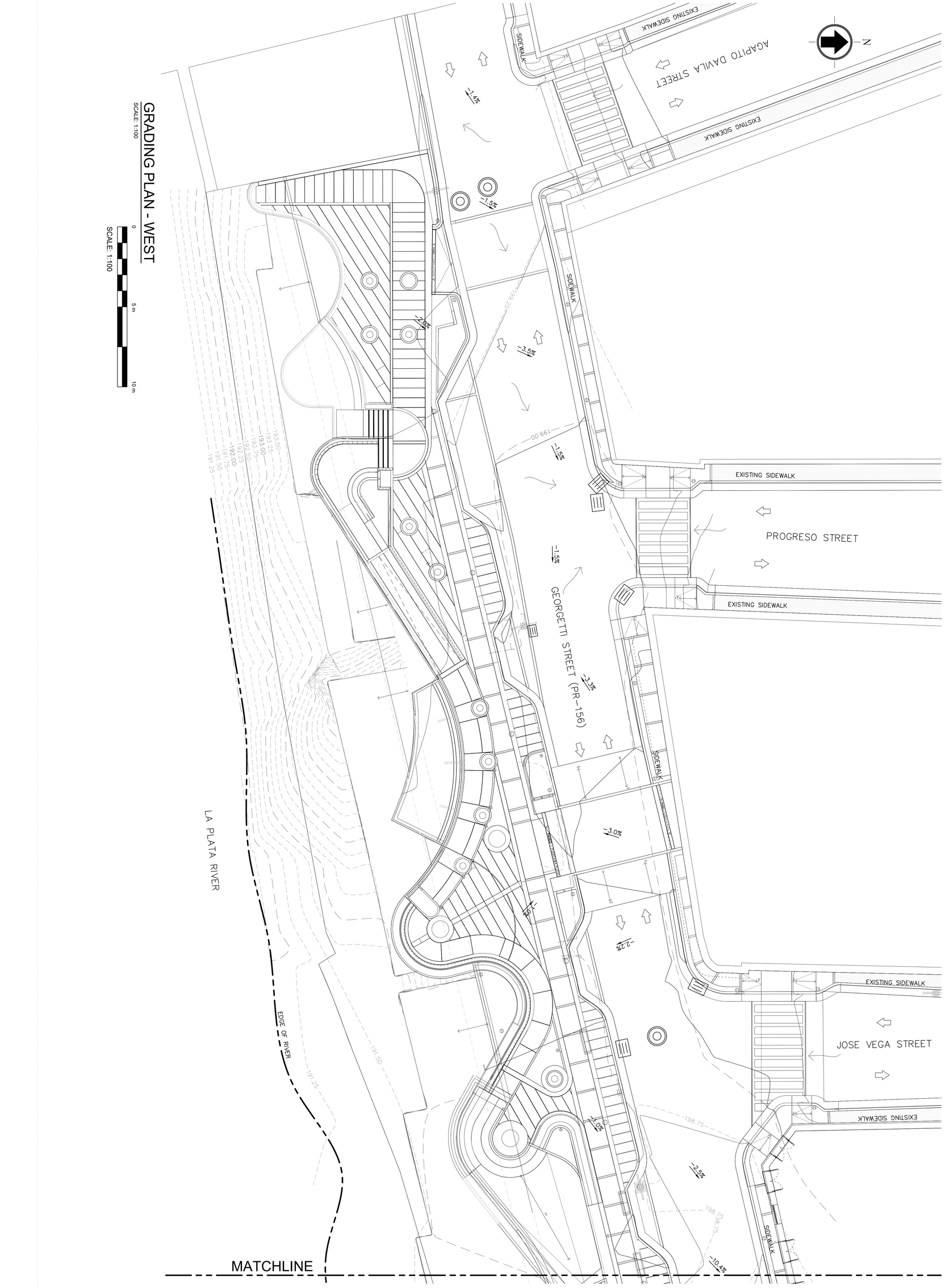
Checked by:
Ing. F. Rodriguez

Approved by

Date:
SEP. 24, 2024

Drawing Scale:
AS SHOWN

Drawing Status:
ISSUE FOR PERMIT



Layout ID:
C-6.1

Revision:
01

Modified by:
-

Checked by:
Ing. F.Rodriguez

Approved by

Drawing Name:
GRADING PLAN - WEST

Date:
SEP. 24, 2024

Drawing Scale:
1:100

Drawing Status:
ISSUE FOR PERMIT

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

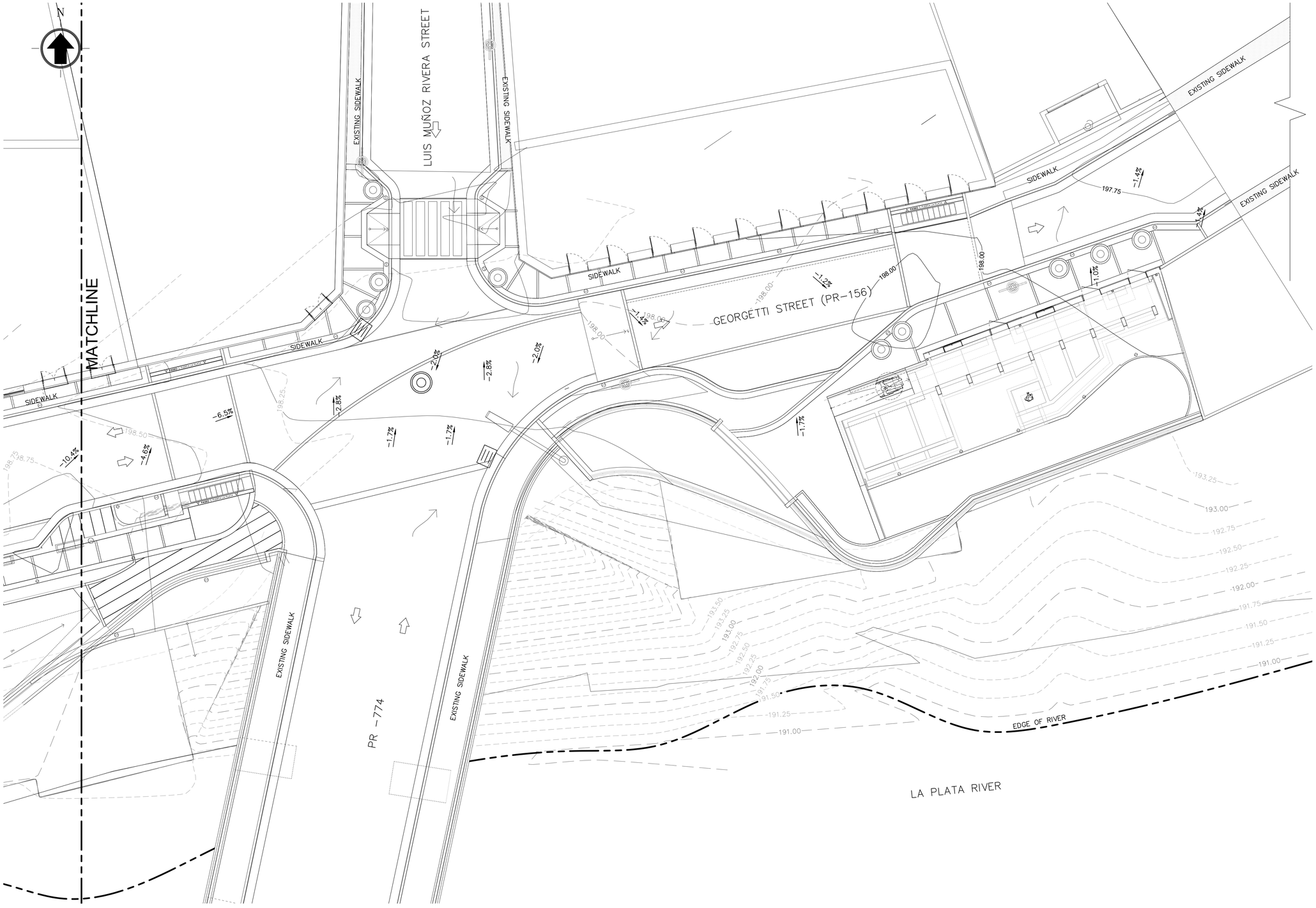
Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego

Certificacion:
Yo, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la (Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique). Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier

FRANCISCO RODRIGUEZ CORDERO
ROBERTO ADOLFO EMA
INGENIERO LICENCIADO

RevID	ChID	Change Name	Date



GRADING PLAN - EAST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

Rev'D ChkD Change Name Date

Certification:
I, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19738 certifico que soy el profesional que diseñó los planos y las especificaciones técnicas de este proyecto. Por lo tanto, certifico, que entiendo que dichos planos y especificaciones cumplen con las disposiciones del Reglamento Conjunto y las disposiciones aplicables de los reglamentos y códigos vigentes que rigen a la Oficina de Agencias, Junta Reglamentadora o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de dichos planos y especificaciones he cumplido con lo dispuesto en la Ley Núm. 15 de 15 de enero de 2004, según enmendada, conocida como "Ley de Profesionales de la Ingeniería y de la Agrimensura de Puerto Rico" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, conocida como "Ley de Patentes Municipales". Reconozco que cualquier error u omisión en que haya incurrido en el diseño por desconocimiento o por negligencia ya sea propio o de cualquiera de mis empleados o subcontratistas, que haya producido que el proyecto no cumpla con lo dispuesto en la Ley Núm. 76 de 5 de agosto de 1976, según enmendada; según aplique). Reconozco que cualquier error u omisión en que haya incurrido en el diseño por desconocimiento o por negligencia ya sea propio o de cualquiera de mis empleados o subcontratistas, que haya producido que el proyecto no cumpla con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como "Ley para la Reforma del Permiso de Puerto Rico" y su Reglamento Conjunto, me hacen responsable de cualquier error u omisión en el mismo.

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. NÚM. 19738
PUERTO RICO

FRANCISCO RODRIGUEZ-EMA, PE 19738 787-403-1381
Landscape Architecture | Urban Design

ERBA

Project:
Comerio Water Front Park
107 Calle Georgetti
#Sin Addressa2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, PR 00782

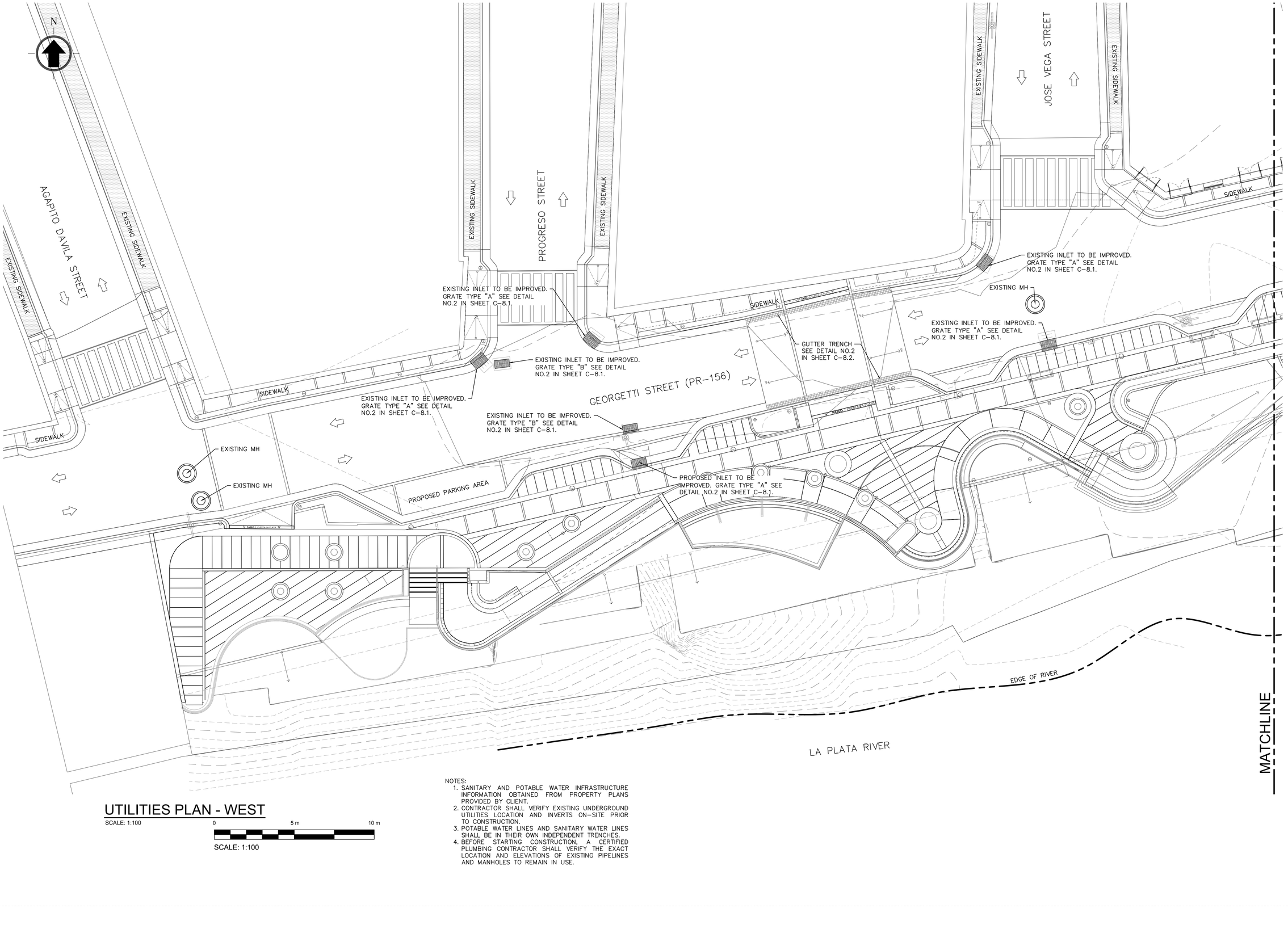
Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
Instrument: 1 of 1 sheets

Drawing Name:
GRADING PLAN - EAST

Date:
SEP. 24, 2024
Drawing Scale:
1:100
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
C-6.2

Revision:
01
Modified by:
-
Checked by:
Ing. F. Rodriguez
Approved by



UTILITIES PLAN - WEST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

NOTES:

1. SANITARY AND POTABLE WATER INFRASTRUCTURE INFORMATION OBTAINED FROM PROPERTY PLANS PROVIDED BY CLIENT.
2. CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITIES LOCATION AND INVERTS ON-SITE PRIOR TO CONSTRUCTION.
3. POTABLE WATER LINES AND SANITARY WATER LINES SHALL BE IN THEIR OWN INDEPENDENT TRENCHES.
4. BEFORE STARTING CONSTRUCTION, A CERTIFIED PLUMBING CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATIONS OF EXISTING PIPELINES AND MANHOLES TO REMAIN IN USE.

Rev'd | Chk'd | Change Name | Date

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

Certification:
Yo, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos aquí sometidos. Estos planos cumplen con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación, Edificación y Zonificación. También, certifico que entiendo que dichos planos y documentos serán sometidos a la Oficina de Gerencia de Permisos, Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos he cumplido con lo dispuesto en la Ley Núm. 173 de 15 de agosto de 1978, según enmendada, según aplicó). Reconozco que la(s) firma(s) que aparece(n) en este documento es la(s) misma(s) que la(s) plasmada(s) por el(los) suscribiente(s) ante mí. Conozco al(los) suscribiente(s) personalmente y/o me consta su identidad por los documentos de identificación mencionados anteriormente. Certifico que el(los) suscribiente(s) ha(n) firmado voluntariamente el documento y que, según mi conocimiento, no hacen uso indebido de cualquier información privilegiada que hayan podido obtener en el ejercicio de su profesión.

ERBA

Project:
Comerio Water Front Park
107 Calle Georgetti
#Sin Address#
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego

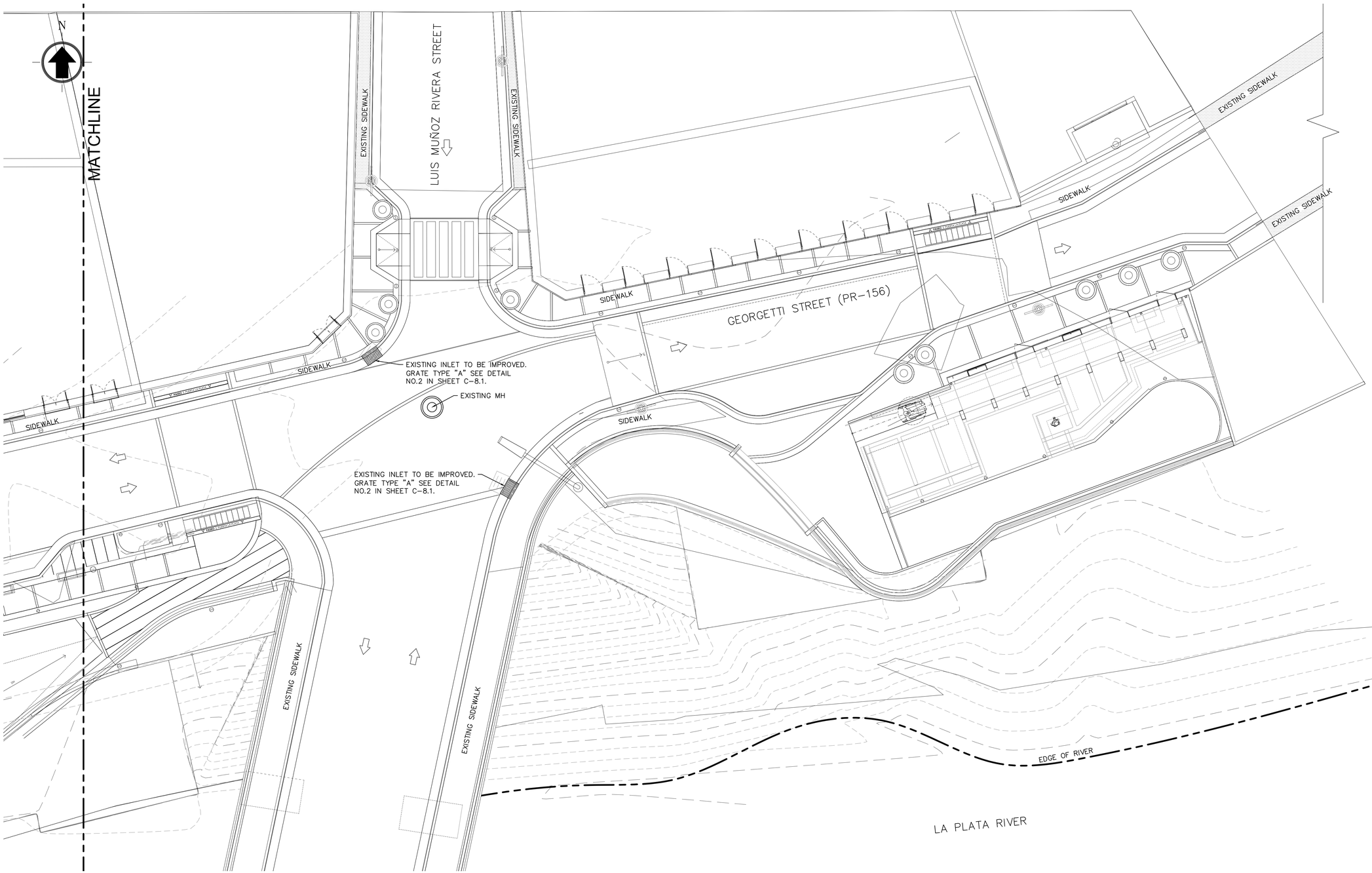
Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
Version: 1.0.0.0

Drawing Name:
UTILITIES PLAN - WEST

Date:
SEP. 24, 2024
Drawing Scale:
1:100
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
C-7.1

Revision:
01
Modified by:
-
Checked by:
Ing. F. Rodriguez
Approved by



UTILITIES PLAN - EAST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

NOTES:

1. SANITARY AND POTABLE WATER INFRASTRUCTURE INFORMATION OBTAINED FROM PROPERTY PLANS PROVIDED BY CLIENT.
2. CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITIES LOCATION AND INVERTS ON-SITE PRIOR TO CONSTRUCTION.
3. POTABLE WATER LINES AND SANITARY WATER LINES SHALL BE IN THEIR OWN INDEPENDENT TRENCHES.
4. BEFORE STARTING CONSTRUCTION, A CERTIFIED PLUMBING CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATIONS OF EXISTING PIPELINES AND MANHOLES TO REMAIN IN USE.

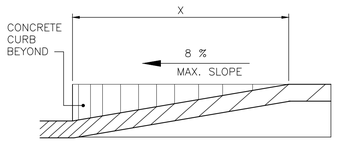
Rev/D | Chk'd | Change Name | Date

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

FRANCISCO RODRIGUEZ-EMA CORDERO, PE 19736 | 787-403-1361 | rodriguezema@hotmail.com

ERBA

Certification:
Yo, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó o supervisó el diseño de los planos y especificaciones que aquí se someten. También, certifico que entiendo que dichos planes y especificaciones fueron preparados de conformidad con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación, Ambientales, de Edificación, de Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de dichos planos y especificaciones no se ha violado ninguna ley con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicó). Reconozco que (1) la revisión gubernamental de los planos y especificaciones se hace por delegación de la Administración de Reglamentos y Permisos y la Junta de Planificación de Puerto Rico y "Puertorriqueña", y con la Ley Núm. 161 de 15 de diciembre de 2009, según enmendada, y la Ley Núm. 454 de 1978, según enmendada;

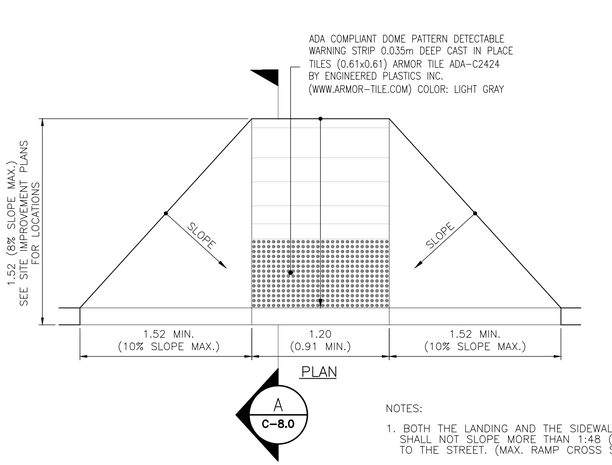


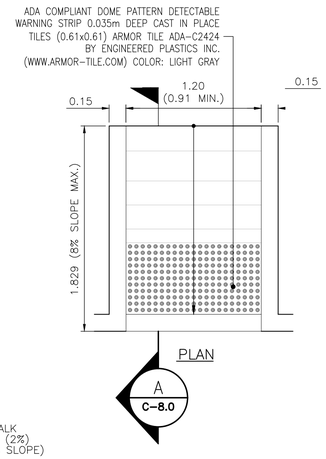
NOTE:
1. IF x IS LESS THAN 1.20 m, THEN THE SLOPES OF THE FLARED SIDE SHALL NOT EXCEED 1:12.

HANDICAP RAMP SECTION

NOT TO SCALE

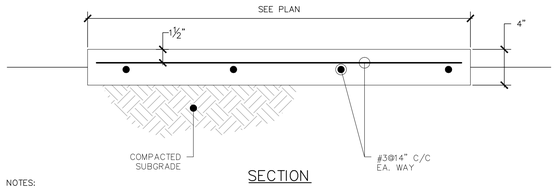
A / C-8.0





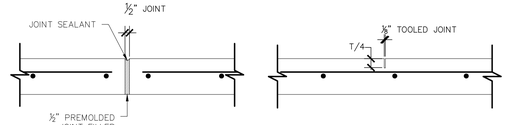
NOTES:
1. BOTH THE LANDING AND THE SIDEWALK SHALL NOT SLOPE MORE THAN 1:48 (2%) TO THE STREET. (MAX. RAMP CROSS SLOPE)
2. TYPICAL HANDICAP RAMP LENGTH DIMENSIONS ARE BASED ON A 0.15 m CURB HEIGHT.
3. WHEN CURB HEIGHT EXCEEDS 0.15 m, RAMP LENGTH SHALL ADJUST TO COMPLY WITH SPECIFIED MAX. SLOPES.

1 / C-8.0 TYP. HANDICAP RAMP DETAILS
SCALE: N.T.S

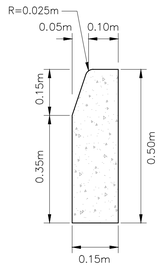


SECTION

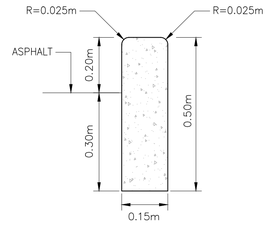
NOTES:
1. CONCRETE STRENGTH FOR SIDEWALK SHALL BE 3000 PSI.
2. PROVIDE TOOLED CONTROL JOINTS @ 5'-0" ON CENTER. A MINIMUM DEPTH OF T/4 SHALL BE OBTAINED AND ⅛" WIDTH.
3. PROVIDE ½" EXPANSION JOINTS @ 50'-0" ON CENTER WITH ½" PREMOLDED JOINT FILLER & JOINT SEALANT.
4. WHERE SIDEWALK ABUTTS EXISTING OR PROPOSED FIXED OBJECTS PROVIDE ½" EXPANSION JOINT WITH PREMOLDED JOINT FILLER & JOINT SEALANT.



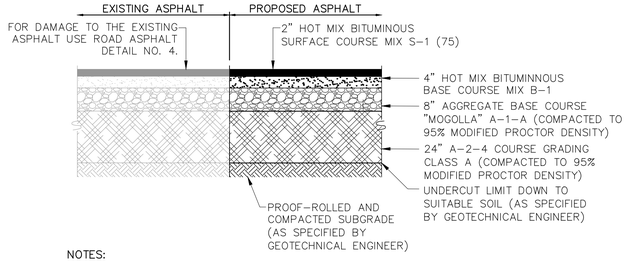
2 / C-8.0 TYPICAL SIDEWALK & CONTROL JOINT DETAILS
SCALE: N.T.S



4 / C-8.0 TYPE "A" CURB DETAIL
SCALE: N.T.S

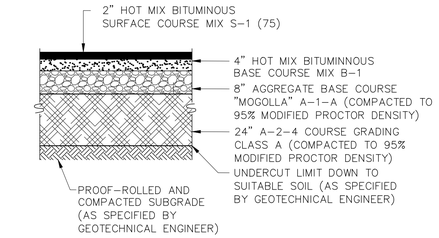


5 / C-8.0 TYPE "B" CURB DETAIL (TYPE "10" PROTECTOR LOW WALL)
SCALE: N.T.S

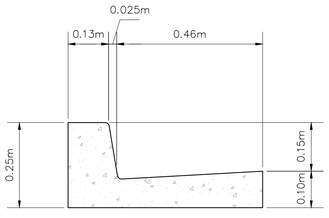


NOTES:
1. AFTER PERFORMING THE COLD MILLING THE CONTRACTOR SHALL PLACE AN ADDITIONAL 0.05 METERS OF HOT PLANT MIX ASPHALT S-1 (75) ABOVE THE ENTIRE ROAD WIDTH.
2. THE CONTRACTOR SHALL RESET TO FINAL GRADE ELEVATION ALL EXISTING MANHOLES, VALVES AND OTHER STRUCTURES.

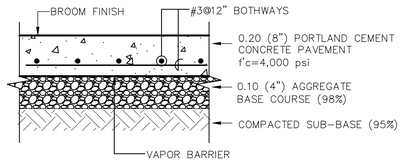
3 / C-8.0 TRANSITION ROAD ASPHALT
SCALE: N.T.S



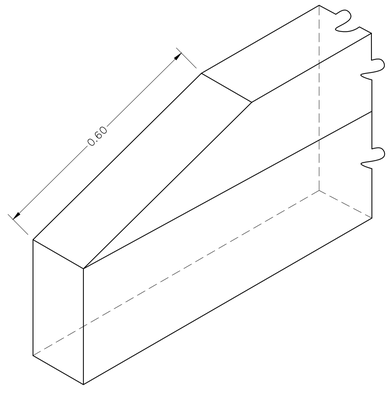
6 / C-8.0 ROAD ASPHALT
SCALE: N.T.S



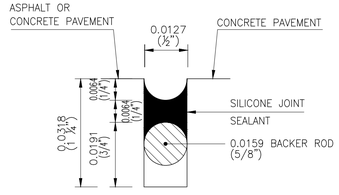
7 / C-8.0 TYPE "C" CURB & GUTTER DETAIL
SCALE: N.T.S



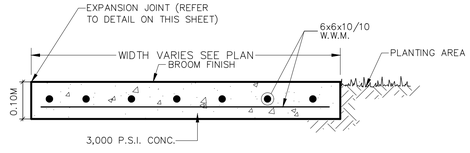
9 / C-8.0 CONCRETE PAVEMENT DETAIL
SCALE: N.T.S



11 / C-8.0 CURB TRANSITION DETAIL
SCALE: N.T.S



8 / C-8.0 EXPANSION JOINT DETAIL
SCALE: N.T.S



10 / C-8.0 SIDEWALK DETAIL
SCALE: N.T.S

CIVIL DETAILS

SCALE: 1:100

Certification:
I, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que hoy al profesional que diseñó los planos y especificaciones aquí incluidos. Además, certifico que entiendo que dichos planos y especificaciones fueron preparados de acuerdo con el Reglamento Conjunto y las disposiciones aplicables de los estándares de construcción de la Administración de Servicios Generales, Junta Reglamentadora o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido en todo con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplique). Reconozco que la Industria Puertorriqueña y con la [Ley Núm. 318 de 15 de 1974, según enmendada, según aplique). Reconozco que se haya producido por desconocimiento o por negligencia ya que la información provista no es correcta a mi mejor conocimiento, me hacen responsable de cualquier

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
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PUERTO RICO
787.403.136
FRANCISCO RODRIGUEZ-EMA, PE 19736 | PR | contact@frcpe.com

ERBA

Rev'D	ChkD	Change Name	Date

Project:
Comerio Water Front Park
197 Calle Georgetti
#Site Address#2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, 00782

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000370
Project #: 23-02
Last Saved On: 9/11/2024 1:17:17 PM

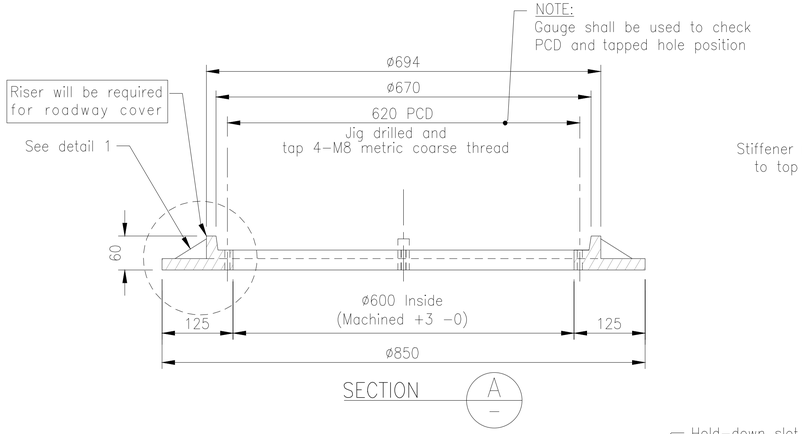
Drawing Name:
CIVIL DETAILS

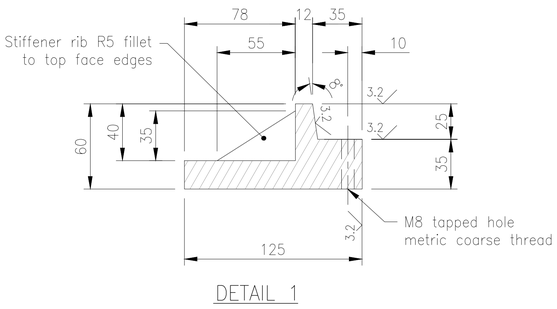
Date:
SEP. 24, 2024
Drawing Scale:
N.T.S.
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
C-8.0

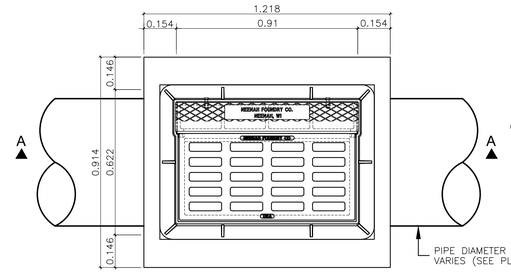
Revision:
01
Modified by:

Checked by:
Ing. F. Rodriguez
Approved by

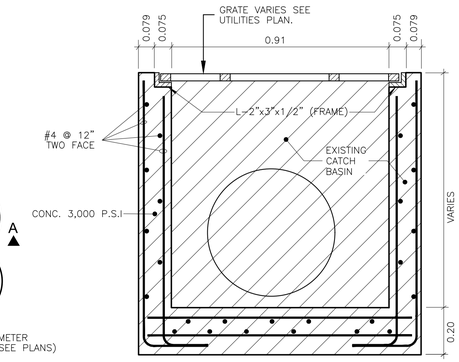




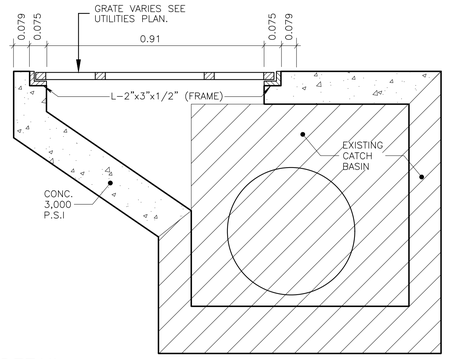
DETAIL 1



PLAN

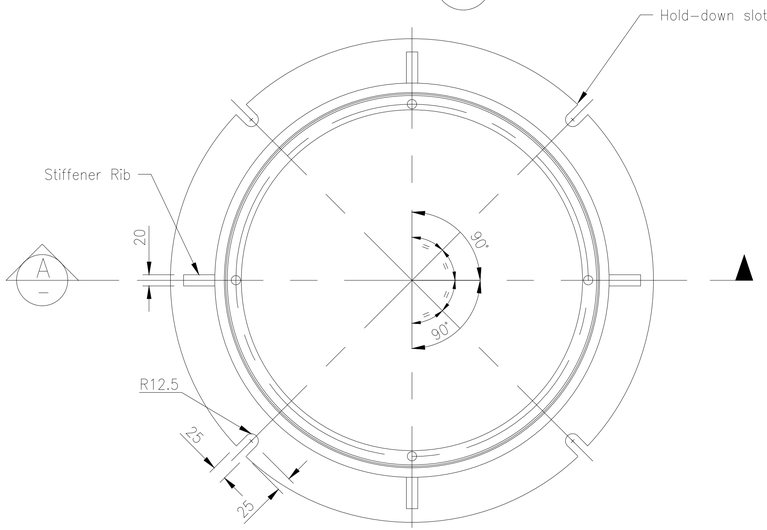


SECTION A (OPTION NO.1)



SECTION A (OPTION NO.2)

2 / C–8.1 CATCH BASIN DETAIL
SCALE: N.T.S

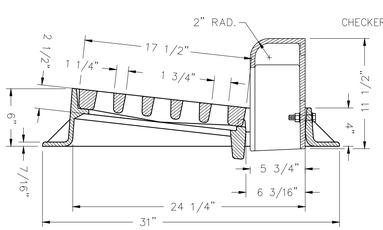


PLAN

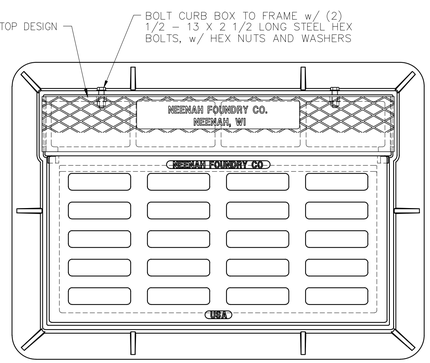
NOTES:

1. All edges to be square.
2. Casting to be free of burrs and pits.
3. Material
   Grey Cast iron (AS 1830)
   Tensile strength : >T220
   Hardness : 145–185 (HB)
   Design Load = 210kN (AS 3996)
   Mass = 59.5Kg
4. Tolerances
   Cast size ± 1.00mm
   Angle Profile ± 0.25°
   Machined size ± 0.125mm
   Overall diameter of cover + 0mm–0.25mm
   DFT of coating 50 µm
5. Machine surface symbol: 3.2
6. All machined surfaces shall have a coating approved as fit for the purpose of providing a rust proof, non–stick and gas/water proof joint.
7. All dimensions are in millimetres unless shown otherwise.

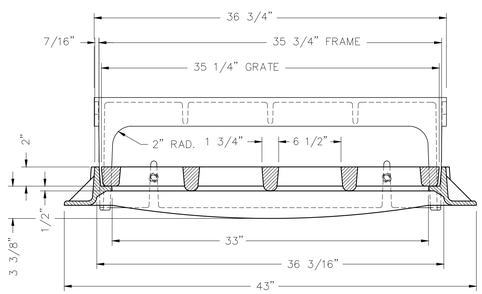
1 / C–8.1 MANHOLE FRAME & COVER RISER RING DETAIL
SCALE: N.T.S



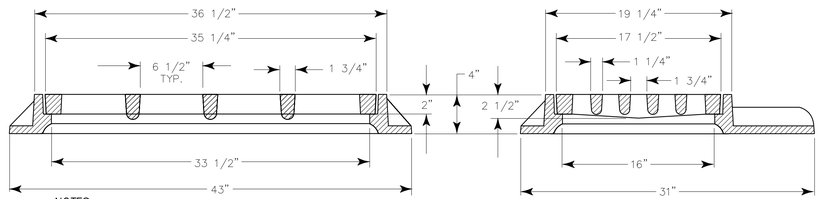




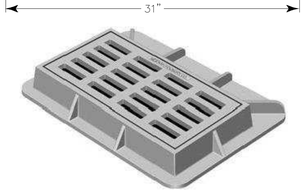
NOTES:
NEENAH R–3067 (GRATE TYPE C) HEAVY DUTY, BICYCLE RATED FRAME AND COVER OR APPROVED SIMILAR.



3 / C–8.1 GRATE TYPE "A" DETAIL
COMBINATION INLET FRAME, GRATE, CURB BOX
SCALE: N.T.S



NOTES:
NEENAH R–3067–C (GRATE TYPE C) HEAVY DUTY, BICYCLE RATED FRAME AND COVER OR APPROVED SIMILAR.



4 / C–8.1 GRATE TYPE "B" DETAIL
COMBINATION INLET FRAME, GRATE
SCALE: N.T.S

CIVIL DETAILS
SCALE: 1:100

Certification:
I, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19758 certifico que soy el profesional que diseñó los planos y documentos aquí incluidos. También, certifico que entiendo que dichos planos y documentos fueron preparados conforme a lo dispuesto en el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos o Corporaciones Públicas con jurisdicción. Asimismo, certifico, además, que en la preparación de los mismos no he violado ninguna de las disposiciones contenidas en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplica). Reconozco que cualquier violación a lo dispuesto en la Ley Núm. 135 de 15 de junio de 1967, según enmendada, según aplica) y/o a lo dispuesto por la industria Puertorriqueña" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplica) y/o a lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplica) Reconozco que cualquier violación a lo dispuesto en la Ley Núm. 135 de 15 de junio de 1967, según enmendada, según aplica) y/o a lo dispuesto por la industria Puertorriqueña" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplica) y/o a lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplica) que se haya producido por desconocimiento o por negligencia ya sea mía o de cualquier persona bajo mi supervisión, me hacen responsable de cualquier daño que pueda surgir de la misma. Además, certifico que los planos y documentos aquí incluidos son los mismos que fueron sometidos para evaluación y aprobación de la Agencia con jurisdicción y que no se han hecho cambios a los mismos sin mi conocimiento, me hacen responsable de cualquier daño que pueda surgir de la misma.

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19758
PUERTO RICO

787-409-5136
FRANCISCO RODRIGUEZ-EMA, PE 19758 | rodriguezema@hotmail.com

ERBA

Project:
Comerio Water Front Park
187 Calle Guayanilla
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
#Location, PR

Project Info:
Cadastre: 092-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
coordenadas: 18.219°,66.224°

Drawing Name:
CIVIL DETAILS

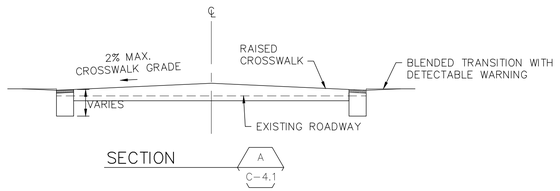
Date:
SEP. 24, 2024
Drawing Scale:
N.T.S.
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
C-8.1

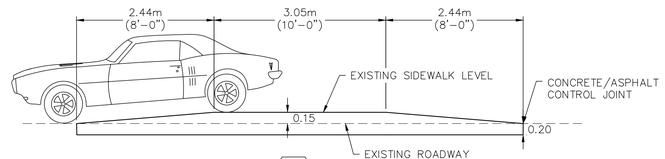
Revision:
01
Modified by:

Checked by:
Ing. F. Rodriguez
Approved by

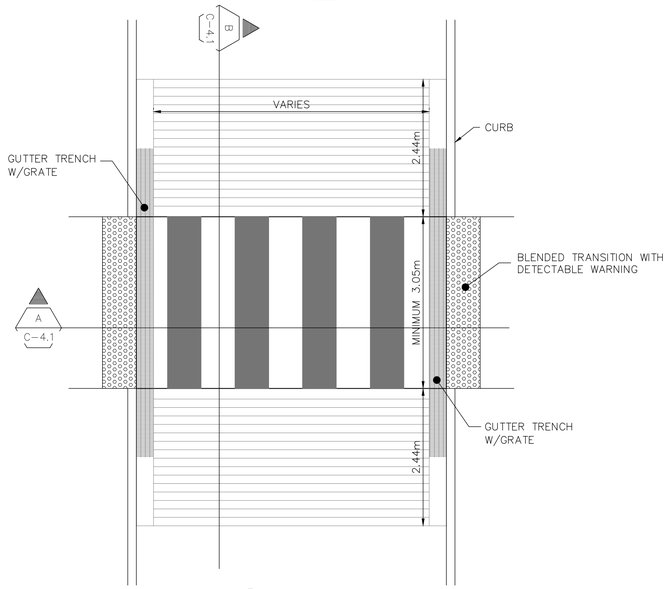
Rev'D	ChkD	Change Name	Date
. .			. . . . .



SECTION A C-4.1



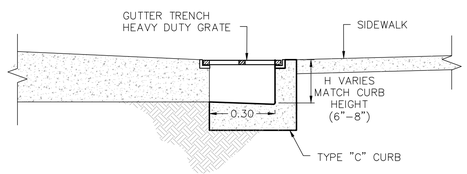
SECTION B C-4.1



PLAN

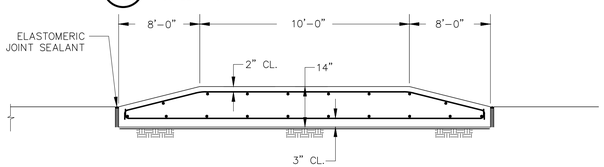
1 C-8.2 RAISED PEDESTRIAN CROSSING DETAIL

SCALE: 1:50



2 C-8.2 GUTTER TRENCH DETAIL

SCALE: N.T.S.



3 C-8.2 RAISED PEDESTRIAN CROSSING FOUNDATION DETAIL

SCALE: N.T.S.

CIVIL DETAILS

SCALE: 1:100

Date
Rev'D
Chk'D
Change Name

Certification:
I, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 13738 certifico que soy el profesional que diseñó los planos y especificaciones constructivas.
También, certifico que entiendo que dichos planos y especificaciones cumplen con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales y Federales aplicables a la Junta de Planificación, Oficina de Gerencia de Permisos, Agencias, Junta Reglamentadoras o Corporaciones Públicas con jurisdicción. Científico, además, que en la preparación de estos planos y especificaciones he cumplido con lo dispuesto en la Ley Núm. 119 de 15 de diciembre de 1976, según enmendada, conocida como "Ley para Prevenir Riesgos de Caídas en Techos de Edificios en Puertorriqueña", y con la [Ley Núm. 115 de 15 de diciembre de 1991, según enmendada, conocida como "Ley para Prohibir el Discrimen contra la Mujer Embarazada", según aplique]. Reconozco que la(s) firma(s) que aparece(n) en este documento es la(s) de la(s) persona(s) que lo(s) suscribe(n) y que no he(mos) sido por desconocimiento o por negligencia ya mencionada, he(mos) incurrido en violación alguna a la ley antes mencionada, ni hasta donde tengo conocimiento, me hacen responsable de cualquier violación a la misma.

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 13738
PUERTO RICO

FRANCISCO RODRIGUEZ-EMA, PE 13738 | 787-403-1361 | rodriguezema@gmail.com

ERBA

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

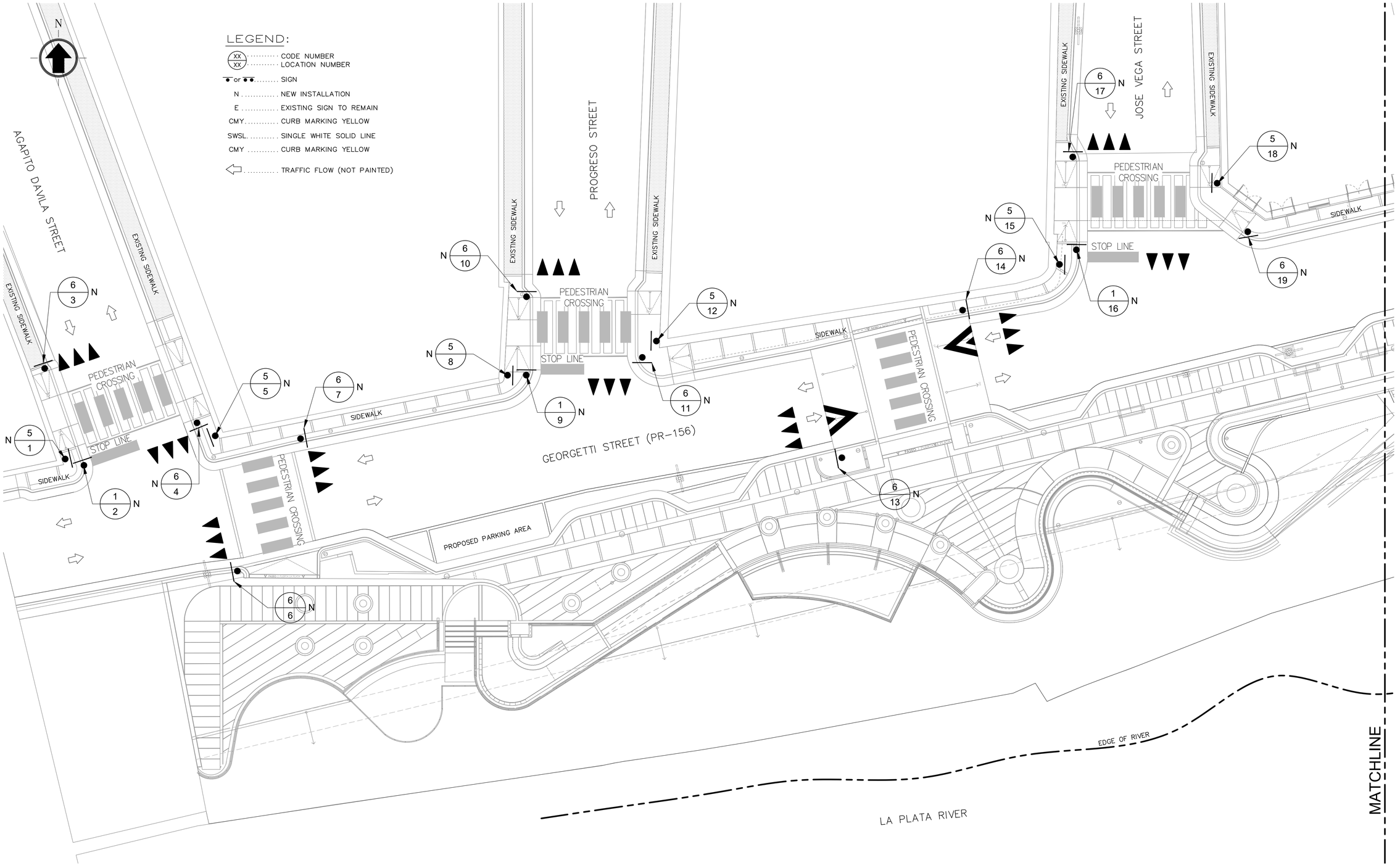
Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, PR 00782

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
Worksheet: 1 OF 23 SHEETS

Drawing Name:
CIVIL DETAILS

Date:
SEP. 24, 2024
Drawing Scale:
AS SHOWN
Drawing Status:
ISSUE FOR PERMIT
MUNICIPALITY APPROVAL SUBMISSION

Layout ID:
C-8.2
Revision:
01
Modified by:
-
Checked by:
Ing. F. Rodriguez
Approved by



SIGNING AND PAVEMENT MARKING PLAN - WEST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

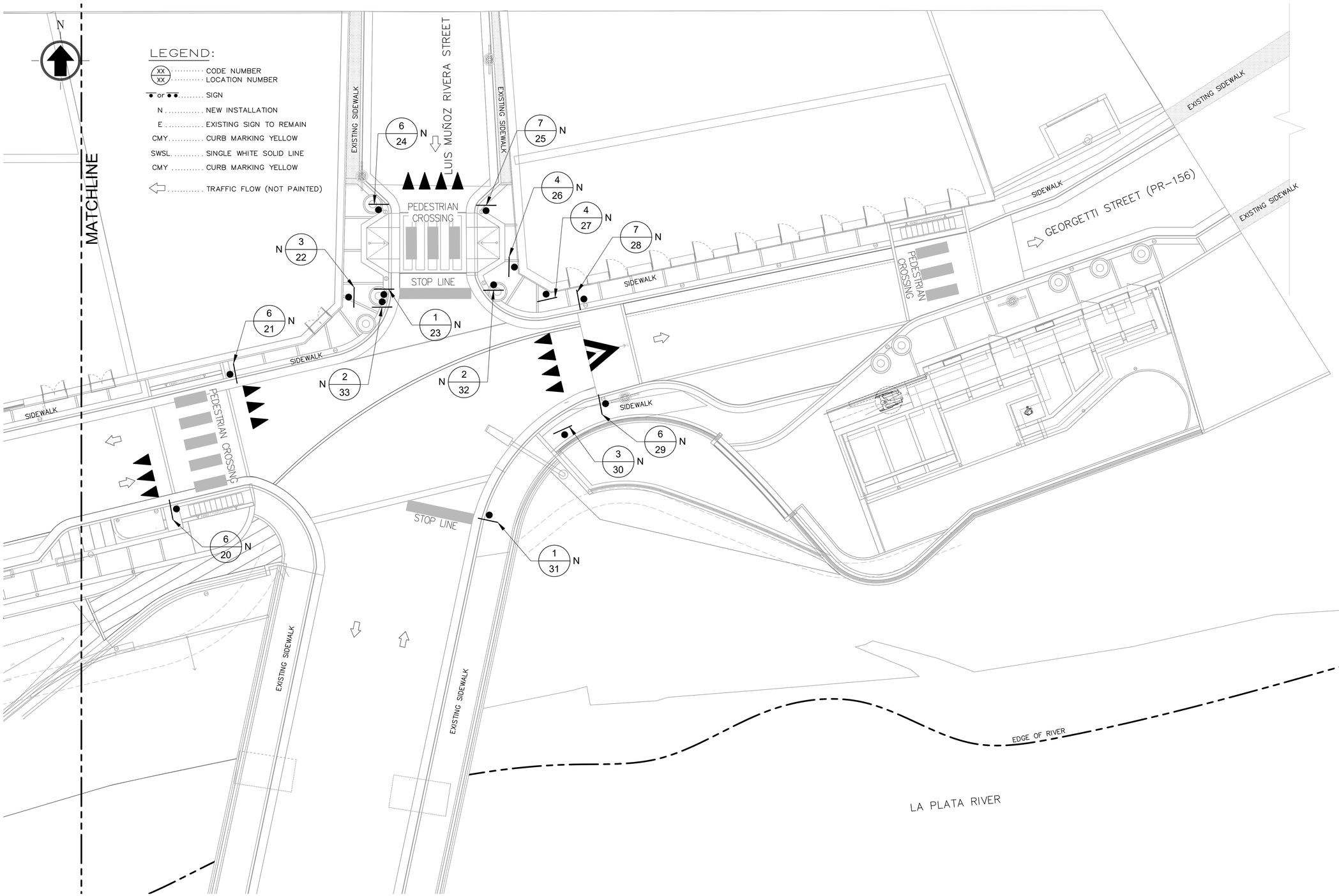
PAVEMENT MARKINGS NOTES:

1. PARKING STALL LINES, CURB MARKINGS AND HANDICAPPED SYMBOLS SHALL BE REFLECTORIZED PAINTED PAVEMENT MARKINGS. ALL OTHER MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS.
2. ANY ADDITIONAL SIGNAGE SHALL BE COORDINATED WITH PROJECT ARCHITECT.

Rev/D | Chk'D | Change Name | Date

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

Certificación:
Yo, Francisco Rodríguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos y especificaciones que aquí se incluyen. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamento Conjunto y las disposiciones aplicables de los reglamentos y/o leyes vigentes de las Agencias Gubernamentales, Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Científico además, que en la preparación de estos planos y especificaciones he ejercido el nivel de cuidado con la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicó. Reconozco que por la Industria Puertorriqueña", y con la [Ley Núm. 319 de 15 de 1978, según enmendada; según aplicó. Reconozco que se haya producido por desconocimiento o por negligencia ya sea haya producido por desconocimiento o por negligencia ya sea haya producido por desconocimiento o por negligencia ya sea



SIGNING AND PAVEMENT MARKING PLAN - EAST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

PAVEMENT MARKINGS NOTES:

1. PARKING STALL LINES, CURB MARKINGS AND HANDICAPPED SYMBOLS SHALL BE REFLECTORIZED PAINTED PAVEMENT MARKINGS. ALL OTHER MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS.
2. ANY ADDITIONAL SIGNAGE SHALL BE COORDINATED WITH PROJECT ARCHITECT.

Rev/D | ChkD | Change Name | Date

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

Certificacion:
Yo, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos aprobados para esta propuesta.
También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamento Conjunto y las Hojas de Ordenanzas Vigentes de la Junta de Planificación, Administración de Reglamentos y Permisos, Agencias, Juntas Reglamentadoras o Corporaciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos no he violado ningún derecho de autor en contravención con lo dispuesto en la Ley Núm. 96 de 15 de abril de 1988, según enmendada, según aplique). Reconozco que por la industria Puertorriqueña", y con la Ley Núm. 315 de 15 de 1976, según enmendada, según aplique). Reconozco que sa haya perjudicado por desconocimiento o por negligencia ya sea mía o de cualquier persona bajo mi supervisión, me hacen responsable de cualquier daño que pueda resultar de la misma. Además, me hacen responsable de cualquier incumplimiento, me hacen responsable de cualquier

Project:
Comerio Water Front Park
107 Calle Georgetti
#Sin Address#2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
Production: 10-22-2024

Drawing Name:
SIGNING AND PAVEMENT MARKING PLAN - EAST

Layout ID:
SM-1.2

Revision:
01

Modified by:
-

Checked by:
Ing. F. Rodriguez

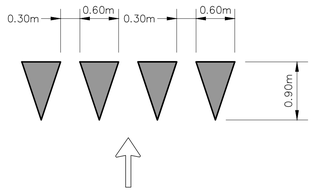
Approved by

Date:
SEP. 24, 2024

Drawing Scale:
1:100

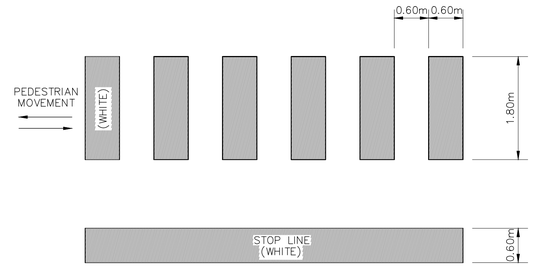
Drawing Status:
ISSUE FOR PERMIT

CODE NUMBER	LOCATION NUMBER	SIGN CODE	L E G E N D	SIZE OF SIGN PANELS	OVERHEAD STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
1	2, 9, 16, 23, 31	R1–1		30" X 30"	N/A	SEE D.T.P.W. MANUAL 2020	5
2	32, 33	R5–1		30" X 30"	N/A	SEE D.T.P.W. MANUAL 2020	2
3	22, 30	R6–1(L)		36" X 12"	N/A	SEE D.T.P.W. MANUAL 2020	2
4	26, 27	R6–1(R)		36" X 12"	N/A	SEE D.T.P.W. MANUAL 2020	2
5	1, 5, 8, 12, 15, 18	R6–1		36" X 12"	N/A	SEE D.T.P.W. MANUAL 2020	6
6	3, 4, 6, 7, 10, 11, 13, 14, 17, 19, 20, 21, 24, 29	R1–5(I)		30" X 30"	N/A	SEE D.T.P.W. MANUAL 2020	14
7	25, 28	R1–5(D)		30" X 30"	N/A	SEE D.T.P.W. MANUAL 2020	2



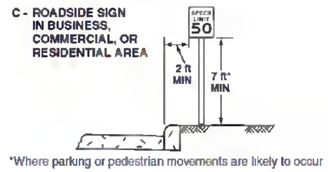
YIELD LINE LAYOUT

WHITE THERMOPLASTIC MATERIAL
(NOT TO SCALE)



STOP LINE & PEDESTRIAN CROSSING DETAIL

THERMOPLASTIC MATERIAL
(NOT TO SCALE)



NOTE:
IMAGE FROM THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2009 EDITION, PART 2 SIGN, CHAPTER 2A, FIGURE 2A–2 EXAMPLE OF HEIGHTS, C – ROADSIDE SIGN IN BUSINESS. (PAGE 38)

SIGN DATA TABLE AND PAVEMENT MARKING DETAILS

SCALE: AS SHOWN

Rev'd | Ch'd | Change Name | Date

Certification:
Yo, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos y especificaciones, y supervisó su preparación. También, certifico que entiendo que dichos planos y especificaciones fueron preparados conforme al Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Normas vigentes promulgados por las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de dichos planos y especificaciones no se ha violado ninguna disposición de la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplique). Reconozco que cualquier error en dichos planos y especificaciones que no haya sido producto de mi desconocimiento o por negligencia ya sea por acción o por omisión, podría conllevar una acción disciplinaria ante la Junta Examinadora de Ingenieros, Arquitectos y Agrimensores de Puerto Rico y la Ley Núm. 416 de 22 de septiembre de 2004, según enmendada, conocida como "Ley de Procedimiento Administrativo Uniforme del Gobierno de Puerto Rico". Finalmente, declaro bajo juramento que, según mi leal conocimiento, no hay violación alguna a ninguna ley, regla o reglamento aplicable a la preparación de estos planos y especificaciones, y que los mismos cumplen con todas las leyes, reglas y reglamentos aplicables a su preparación, según mi leal conocimiento, me hacen responsable de cualquier

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

Project:
Comerio Water Front Park
107 Calle Georgetti
#Sin Address2
Comerio , PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, PR 00782

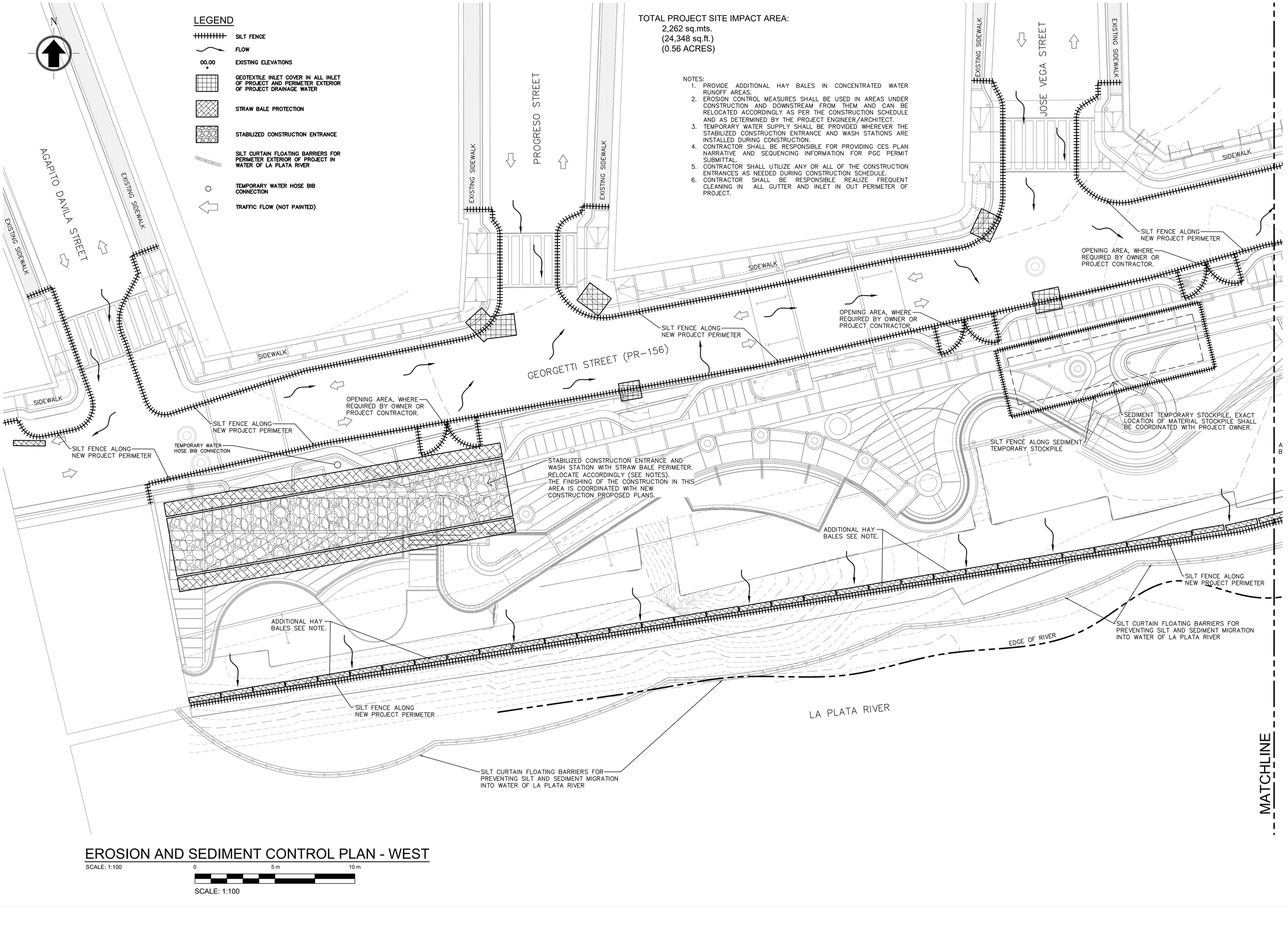
Project Info:
Cadastro: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
Permission to use

Drawing Name:
SIGN DATA TABLE AND PAVEMENT MARKING DETAILS

Date:
SEP. 24, 2024
Drawing Scale:
AS SHOWN
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
SM-2.0

Revision:
01
Modified by:
-
Checked by:
Ing. F. Rodriguez
Approved by



EROSION AND SEDIMENT CONTROL PLAN - WEST

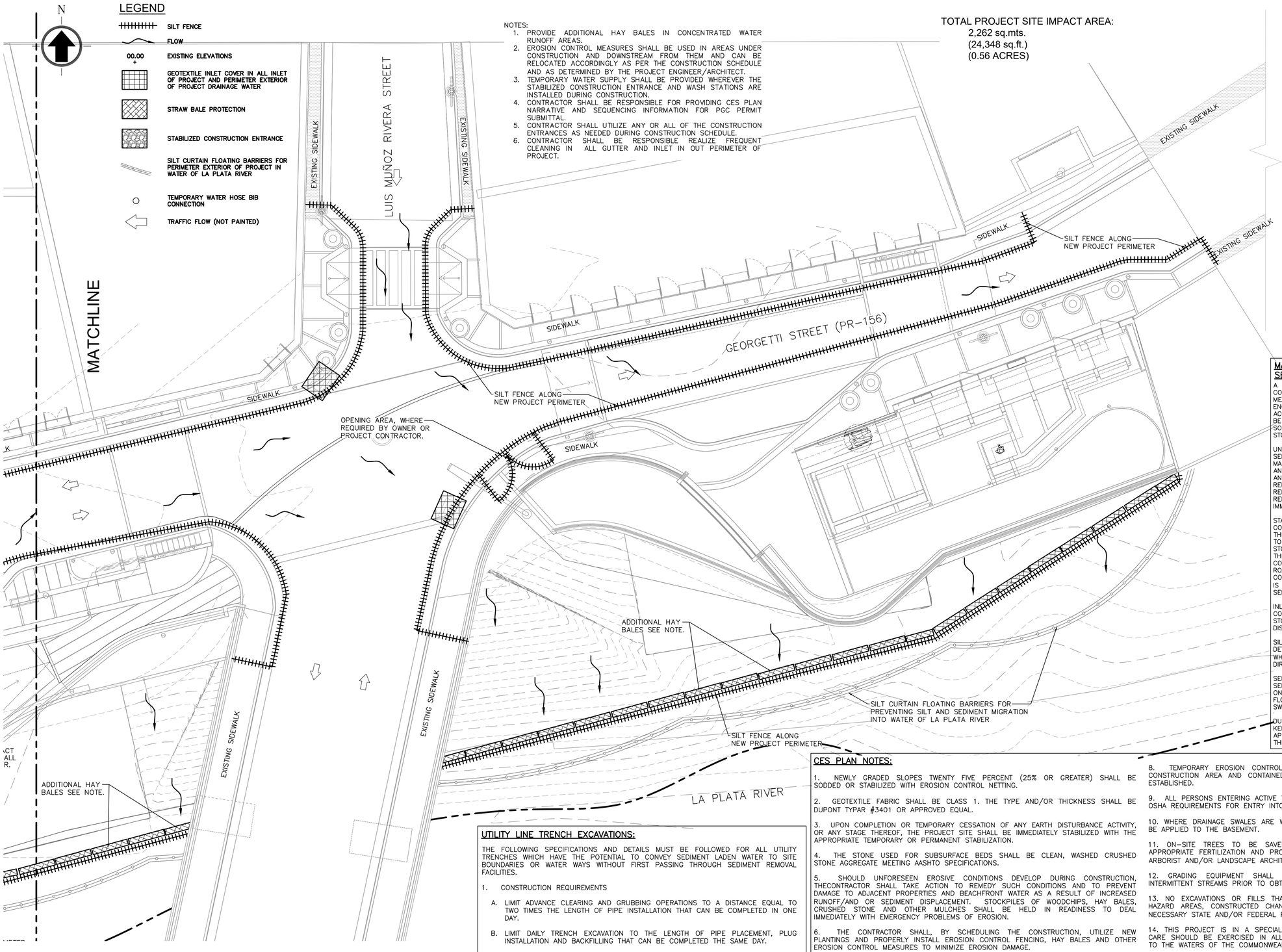
SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

Rev'd | Chk'd | Change Name | Date

Certification:
Yo, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos y/o documentos que acompañan esta certificación. También, certifico que entiendo que dichos planos y/o documentos deben cumplir con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Permisos para Obras de Construcción y Uso de Terrenos y Reglamentos Sobre Actividades de la Junta de Planificación, Agencias, Junta Reglamentadora o Corporaciones Públicas con jurisdicción, científico, además, que en la preparación de dichos planos y/o documentos he ejercido mi mejor juicio profesional con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicado por la Industria Puertorriqueña" y con la Ley Núm. 319 de 15 de 1979, según enmendada, según aplicado por la Industria Puertorriqueña" y con la Ley Núm. 75 de 24 de junio de 1975, según enmendada, según aplicado por la Industria Puertorriqueña" y con



EROSION AND SEDIMENT CONTROL PLAN - EAST

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

MAINTENANCE OF TEMPORARY SEDIMENTATION CONTROL STRUCTURES:

A ROUTINE "END OF DAY CHECK" SHALL BE MADE DURING CONSTRUCTION TO MAKE SURE THAT ALL CONTROL MEASURES ARE WORKING PROPERLY. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL PREVENT ACCELERATED EROSION AND SEDIMENTATION. THERE SHALL BE NO ADVERSE DISCHARGE OF THE SEDIMENT OR OTHER SOLID MATERIALS FROM THE SITE AS A RESULT OF STORMWATER RUNOFF.

UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENTATION MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENTATION CONTROL AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RENETTING MUST BE PERFORMED IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE: THE STABILIZED CONSTRUCTION ENTRANCES ARE TO BE CONSTRUCTED PER THE DETAIL. THICKNESS WILL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE OF ROCK MATERIAL WILL BE MAINTAINED ON THE SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PUBLIC ROADWAYS WILL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. THE FINISHING OF THE CONSTRUCTION IS COMPLETED RETURN TO THE 8" PAVEMENT CONCRETE SEE DETAIL NO.3 ON SHEET C-10.0.

INLET PROTECTION: INLET PROTECTION SHALL BE CONSTRUCTED PER THE DETAIL AND CLEANED AFTER EACH STORM EVENT OR AS DIRECTED BY THE CONSERVATION DISTRICT OR RESIDENT ENGINEER.

SILT FENCE: SILT FENCE SHALL BE INSTALLED PER THE DETAIL. SEDIMENT SHALL BE REMOVED FROM SILT FENCES WHEN IT REACHES 1/2 THE FENCE HEIGHT OR AS DIRECTED BY THE RESIDENT ENGINEER.

SEDIMENT DISPOSAL: SILT REMOVED FROM TEMPORARY SEDIMENT CONTROL STRUCTURES SHALL BE DISPOSED OF ON-SITE IN LANDSCAPED AREAS LOCATED OUTSIDE OF FLOOD PLAINS, WETLANDS, STEEP SLOPES AND DRAINAGE SWALES.

DUST CONTROL: DUST AND OTHER PARTICLES SHALL BE KEPT WITHIN TOLERABLE LIMITS BY USING WATER. APPLICATION SHALL BE AS NEEDED OR AS DIRECTED BY THE RESIDENT ENGINEER OR THE CONSERVATION DISTRICT.

UTILITY LINE TRENCH EXCAVATIONS:

THE FOLLOWING SPECIFICATIONS AND DETAILS MUST BE FOLLOWED FOR ALL UTILITY TRENCHES WHICH HAVE THE POTENTIAL TO CONVEY SEDIMENT LADEN WATER TO SITE BOUNDARIES OR WATER WAYS WITHOUT FIRST PASSING THROUGH SEDIMENT REMOVAL FACILITIES.

1. CONSTRUCTION REQUIREMENTS

A. LIMIT ADVANCE CLEARING AND GRUBBING OPERATIONS TO A DISTANCE EQUAL TO TWO TIMES THE LENGTH OF PIPE INSTALLATION THAT CAN BE COMPLETED IN ONE DAY.

B. LIMIT DAILY TRENCH EXCAVATION TO THE LENGTH OF PIPE PLACEMENT, PLUG INSTALLATION AND BACKFILLING THAT CAN BE COMPLETED THE SAME DAY.

C. WATER WHICH ACCUMULATES IN THE OPEN TRENCH WILL BE COMPLETELY REMOVED BY PUMPING, BEFORE PIPE PLACEMENT AND/OR BACKFILLING BEGINS.

D. ON THE DAY FOLLOWING PIPE PLACEMENT AND TRENCH BACKFILLING, THE DISTURBED AREA WILL BE GRADED TO FINAL CONTOURS AND APPROPRIATE TEMPORARY EROSION AND SEDIMENT POLLUTION CONTROL MEASURES/FACILITIES WILL BE INSTALLED, SEEDING, LANDSCAPING, AND MULCHING OF ALL DISTURBED AREAS WILL BE DONE IMMEDIATELY FOLLOWING COMPLETION OF DISTURBANCE.

CES PLAN NOTES:

1. NEWLY GRADED SLOPES TWENTY FIVE PERCENT (25% OR GREATER) SHALL BE SODDED OR STABILIZED WITH EROSION CONTROL NETTING.

2. GEOTEXTILE FABRIC SHALL BE CLASS 1. THE TYPE AND/OR THICKNESS SHALL BE DUPONT TYPAR #3401 OR APPROVED EQUAL.

3. UPON COMPLETION OR TEMPORARY CESSATION OF ANY EARTH DISTURBANCE ACTIVITY, OR ANY STAGE THEREOF, THE PROJECT SITE SHALL BE IMMEDIATELY STABILIZED WITH THE APPROPRIATE TEMPORARY OR PERMANENT STABILIZATION.

4. THE STONE USED FOR SUBSURFACE BEDS SHALL BE CLEAN, WASHED CRUSHED STONE AGGREGATE MEETING AASHTO SPECIFICATIONS.

5. SHOULD UNFORESEEN EROSIVE CONDITIONS DEVELOP DURING CONSTRUCTION, THECONTRACTOR SHALL TAKE ACTION TO REMEDY SUCH CONDITIONS AND TO PREVENT DAMAGE TO ADJACENT PROPERTIES AND BEACHFRONT WATER AS A RESULT OF INCREASED RUNOFF/AND OR SEDIMENT DISPLACEMENT. STOCKPILES OF WOODCHIPS, HAY BALES, CRUSHED STONE AND OTHER MULCHES SHALL BE HELD IN READINESS TO DEAL IMMEDIATELY WITH EMERGENCY PROBLEMS OF EROSION.

6. THE CONTRACTOR SHALL, BY SCHEDULING THE CONSTRUCTION, UTILIZE NEW PLANTINGS AND PROPERLY INSTALL EROSION CONTROL FENCING, HAY BALES AND OTHER EROSION CONTROL MEASURES TO MINIMIZE EROSION DAMAGE.

7. ANY DISTURBED AREA ON WHICH ACTIVITY HAS CEASED MUST BE SEEDED AND MULCHED IMMEDIATELY AS PER LANSCAPING PLAN. DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT THE RECOMMENDED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REDISTURBED WITHIN ONE YEAR MAY BE SEEDED AND MULCHED WITH A QUICK GROWING TEMPORARY SEEDING MIXTURE AND MULCH. DISTURBED AREAS WHICH ARE EITHER AT FINISHED GRADE OR WILL NOT BE REDISTURBED WITHIN ONE YEAR MUST BE SEEDED AND MULCHED IMMEDIATELY.

8. TEMPORARY EROSION CONTROL MEASURES MAY BE REMOVED ONLY AFTER THE CONSTRUCTION AREA AND CONTAINED SILT IS STABILIZED AND THE LANDSCAPED AREA ESTABLISHED.

9. ALL PERSONS ENTERING ACTIVE TANKS, MANHOLES, INLETS, ETC. MUST COMPLY WITH OSHA REQUIREMENTS FOR ENTRY INTO CONFINED SPACES.

10. WHERE DRAINAGE SWALES ARE WITHIN 20' OF A BASEMENT, WATERPROOFING SHALL BE APPLIED TO THE BASEMENT.

11. ON-SITE TREES TO BE SAVED SHALL BE PREPARED FOR CONSTRUCTION BY APPROPRIATE FERTILIZATION AND PROTECTED BY APPROPRIATE FENCING. THE TOWNSHIP ARBORIST AND/OR LANDSCAPE ARCHITECT SHALL APPROVE THE PROCEDURE.

12. GRADING EQUIPMENT SHALL NOT BE ALLOWED TO CROSS PERMANENT OR INTERMITTENT STREAMS PRIOR TO OBTAINING THE APPROPRIATE PERMITS.

13. NO EXCAVATIONS OR FILLS THAT ENCROACH ON NATURAL WATERCOURSES, FLOOD HAZARD AREAS, CONSTRUCTED CHANNELS, OR WETLANDS SHALL OCCUR WITHOUT THE NECESSARY STATE AND/OR FEDERAL PERMITS.

14. THIS PROJECT IS IN A SPECIALLY PROTECTED HIGH QUALITY WATERSHED, EXTREME CARE SHOULD BE EXERCISED IN ALL DISTURBANCE ACTIVITIES TO PREVENT DEGRADATION TO THE WATERS OF THE COMMONWEALTH.

Rev'd | Chk'd | Change Name | Date

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

Certificacion:
Yo, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos, memorial, especificaciones y/o supervisó los mismos, que entiendo que dichos planos y/o memorial cumplen con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación y Construcción vigentes en la jurisdicción. Certifico, además, que en la preparación de los mismos no he violado ninguna de las disposiciones de la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicó. Reconozco que cualquier error u omisión en que haya incurrido por desconocimiento o por negligencia ya sea perjudicial para la integridad física de las personas o la propiedad, según definido en la Ley Núm. 173 de 1978, según enmendada, según aplicó, o que haya perjudicado por desconocimiento o por negligencia a cualquiera de las agencias, Juntas, Reglamentadores o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de los mismos no he violado ninguna de las disposiciones de la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicó. Reconozco que cualquier error u omisión en que haya incurrido por desconocimiento o por negligencia ya sea perjudicial para la integridad física de las personas o la propiedad, según definido en la Ley Núm. 173 de 1978, según enmendada, según aplicó, o que haya perjudicado por desconocimiento o por negligencia a cualquiera de las agencias, Juntas, Reglamentadores o Corporaciones Públicas con jurisdicción, y con la Ley Núm. 19 de 15 de junio de 2017, según enmendada, según aplicó. También certifico que entiendo que dichos planos y/o memorial cumplen con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación y Construcción vigentes en la jurisdicción. Certifico, además, que en la preparación de los mismos no he violado ninguna de las disposiciones de la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicó. Reconozco que cualquier error u omisión en que haya incurrido por desconocimiento o por negligencia ya sea perjudicial para la integridad física de las personas o la propiedad, según definido en la Ley Núm. 173 de 1978, según enmendada, según aplicó, o que haya perjudicado por desconocimiento o por negligencia a cualquiera de las agencias, Juntas, Reglamentadores o Corporaciones Públicas con jurisdicción, y con la Ley Núm. 19 de 15 de junio de 2017, según enmendada, según aplicó. También certifico que entiendo que dichos planos y/o memorial cumplen con el conocimiento, me hacen responsable de cualquier

ERBA

Project:
Comerio Water Front Park
107 Calle Georgetti
#Sin Addressa
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio, PR

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
Version: 1.0 - 7 - 2024

Drawing Name:
EROSION AND SEDIMENT CONTROL PLAN - EAST

Drawing Status:
ISSUE FOR PERMIT

Date:
SEP. 24, 2024

Drawing Scale:
1:100

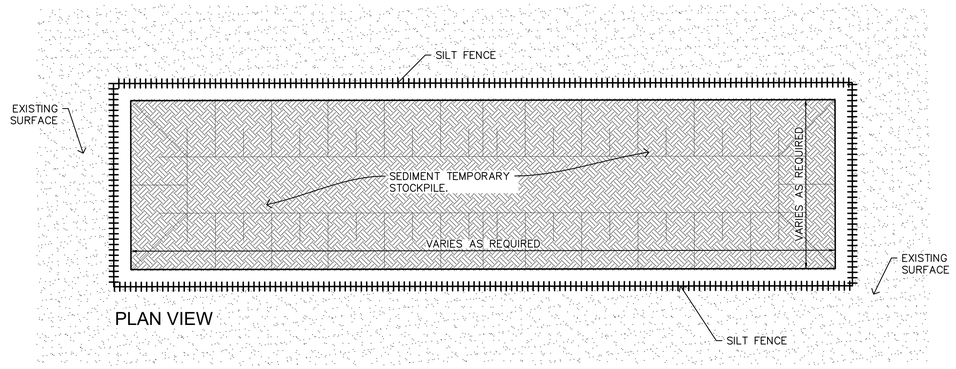
Layout ID:
CES-1.2

Revision:
01

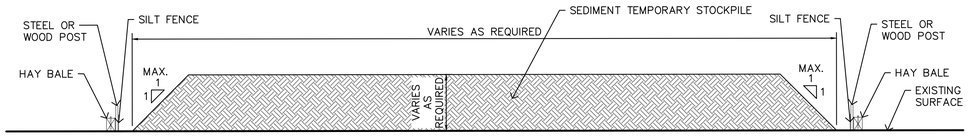
Modified by:
-

Checked by:
Ing. F. Rodriguez

Approved by

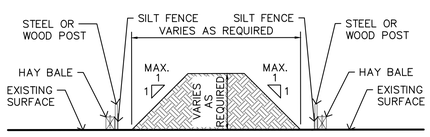


PLAN VIEW



SECTION VIEW

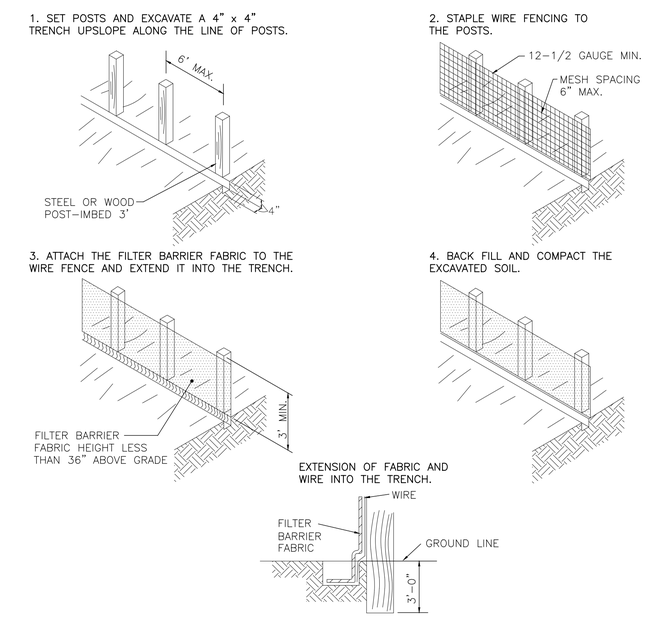
NOTE:
THE CONTRACTOR MAY PLACE THE SEDIMENT TEMPORARY STOCKPILE WHERE THEY FIND IT BEST RELEVANT IN PROJECT.



SECTION SIDE VIEW

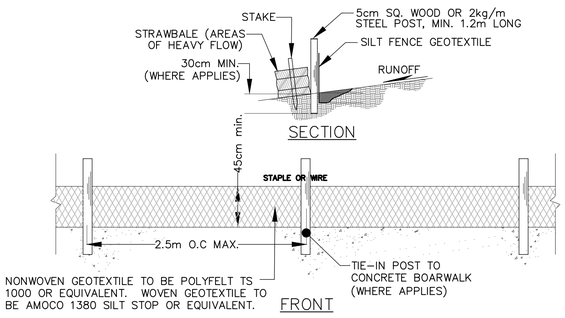
SEDIMENT TEMPORARY STOCKPILE

SCALE: NOT TO SCALE



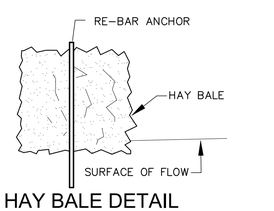
TEMPORARY SEDIMENT FENCE

SCALE: N.T.S.



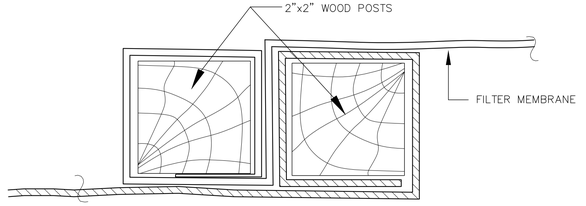
SILT FENCE DETAIL

NOT TO SCALE



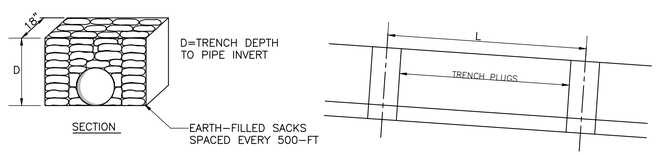
HAY BALE DETAIL

NOT TO SCALE



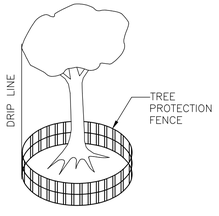
SILT SCREEN ATTACHED DETAIL TO WOODEN POST

SCALE: N.T.S.



CONSTRUCTION OF TRENCH PLUGS

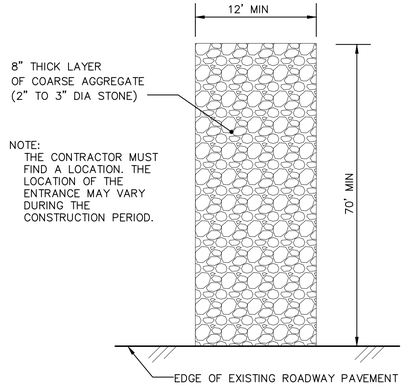
NOT TO SCALE



TREE PROTECTION FENCE

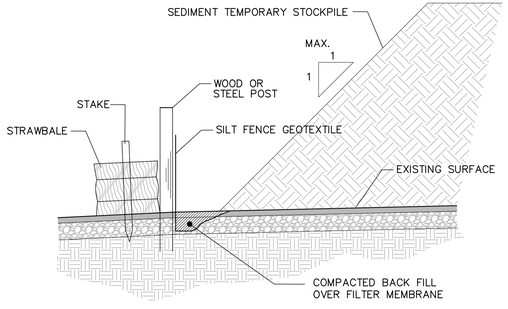
NTS

ALL NEW TREES AND EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM EQUIPMENT DAMAGE BY FENCING OR OTHER EFFECTIVE BARRIERS APPROVED BY THE PROJECT ENGINEER AND/OR ARBORIST. FENCING OR BARRIERS SHALL BE PLACED AS MUCH AS IS PRACTICAL AT THE DRIPLINE. LOCATION MAY BE ALTERED TO AVOID INTERFERENCE WITH PROPOSED GRADING AND IMPROVEMENTS AS SHOWN ON THE PLANS. TREES TO BE PROTECTED AS PER PROJECT OWNER REQUIREMENTS.



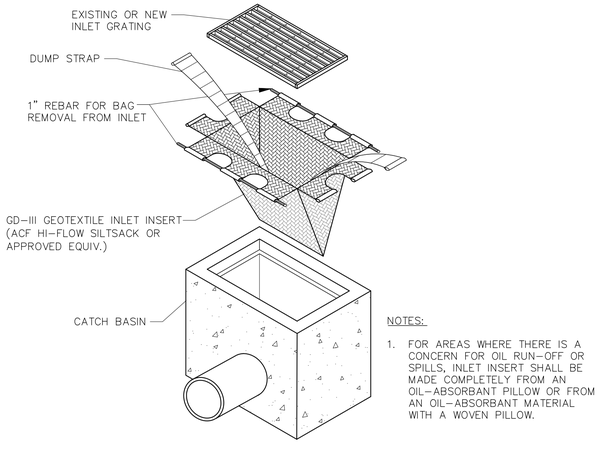
TEMPORARY CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE



SILT FENCE AND HAY BALE STOCKPILE DETAIL

NOT TO SCALE



NOTES:

1. FOR AREAS WHERE THERE IS A CONCERN FOR OIL RUN–OFF OR SPILLS, INLET INSERT SHALL BE MADE COMPLETELY FROM AN OIL–ABSORBANT PILLOW OR FROM AN OIL–ABSORBANT MATERIAL WITH A WOVEN PILLOW.

INLET PROTECTION DETAIL

NOT TO SCALE

Rev'D | Chk'D | Change Name | Date

Certification:
I, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos aprobados conjuntamente con este documento. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de la Ley Núm. 161 de 1 de diciembre de 2009, según enmendada, según aplique). Reconozco que la responsabilidad por diseño inadecuado o por negligencia ya sea por acción o por omisión, recae sobre mi persona y no sobre la Agencias, Juntas, Reglamentadores o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de los planos aprobados conjuntamente con este documento y con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley Especial Forestal de la Industria Puertorriqueña" y con la (Ley Núm. 3 de 4 de octubre de 1995, según enmendada, conocida como la Ley de 1976, según enmendada, según aplique). Reconozco que si se hayan producido por desconocimiento o por negligencia ya sea por acción o por omisión, recae sobre mi persona y no sobre la Agencias, Juntas Reglamentadores o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de los planos aprobados conjuntamente con este documento y con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley Especial Forestal de la Industria Puertorriqueña" y con la (Ley Núm. 3 de 4 de octubre de 1995, según enmendada, conocida como la Ley de 1976, según enmendada, según aplique). Reconozco que si se hayan producido por desconocimiento o por negligencia ya sea por acción o por omisión, recae sobre mi persona y no sobre la Agencias, Juntas Reglamentadores o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de los planos aprobados conjuntamente con este documento y con mi conocimiento, no hacen responsable de cualquier

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

ERBA

Project:
Comerio Water Front Park
197 Calle Georgetti
#Sin Addressz
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
111 Calle Jose de Diego
#Location

Project Info:
Cadastre: 092-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
Instrument: 1:1 / 22" max

Drawing Name:
EROSION AND SEDIMENT CONTROL DETAILS

Date:
SEP. 24, 2024
Drawing Scale:
1:100
Drawing Status:
ISSUE FOR PERMIT

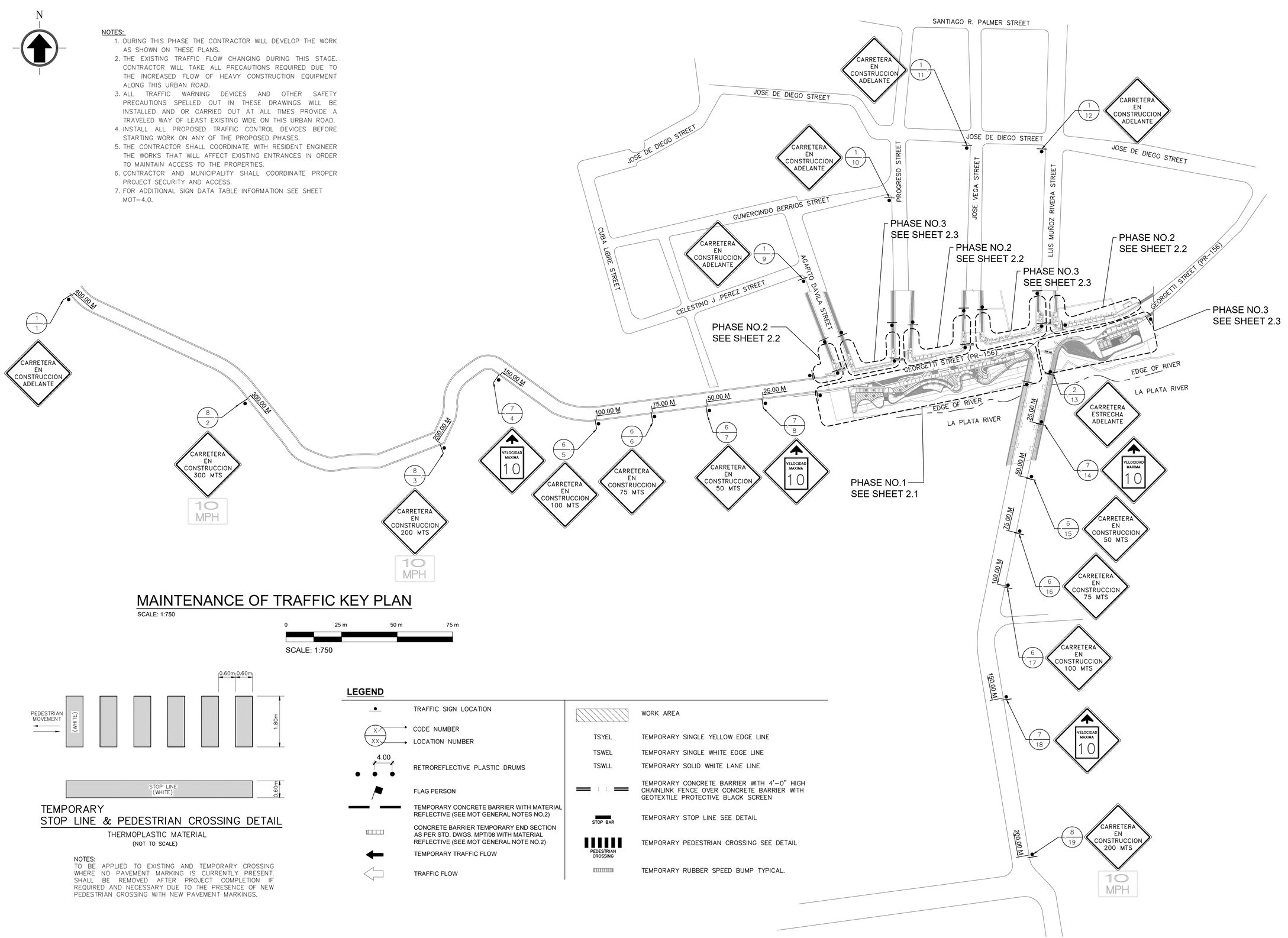
Layout ID:
CES-2.0

Revision:
01
Modified by:
-
Checked by:
Ing. F. Rodriguez
Approved by
-

N

NOTES:

1. DURING THIS PHASE THE CONTRACTOR WILL DEVELOP THE WORK AS SHOWN ON THESE PLANS.
2. THE EXISTING TRAFFIC FLOW CHANGING DURING THIS STAGE. CONTRACTOR WILL TAKE ALL PRECAUTIONS REQUIRED DUE TO THE INCREASED FLOW OF HEAVY CONSTRUCTION EQUIPMENT ALONG THIS URBAN ROAD.
3. ALL TRAFFIC WARNING DEVICES AND OTHER SAFETY PRECAUTIONS SPELLED OUT IN THESE DRAWINGS WILL BE INSTALLED AND OR CARRIED OUT AT ALL TIMES PROVIDE A TRAVELED WAY OF LEAST EXISTING WIDE ON THIS URBAN ROAD.
4. INSTALL ALL PROPOSED TRAFFIC CONTROL DEVICES BEFORE STARTING WORK ON ANY OF THE PROPOSED PHASES.
5. THE CONTRACTOR SHALL COORDINATE WITH RESIDENT ENGINEER THE WORKS THAT WILL AFFECT EXISTING ENTRANCES IN ORDER TO MAINTAIN ACCESS TO THE PROPERTIES.
6. CONTRACTOR AND MUNICIPALITY SHALL COORDINATE PROPER PROJECT SECURITY AND ACCESS.
7. FOR ADDITIONAL SIGN DATA TABLE INFORMATION SEE SHEET MOT-4.0.



MAINTENANCE OF TRAFFIC KEY PLAN

SCALE: 1:750

0 25 m 50 m 75 m

SCALE: 1:750

TEMPORARY
STOP LINE & PEDESTRIAN CROSSING DETAIL

THERMOPLASTIC MATERIAL

(NOT TO SCALE)

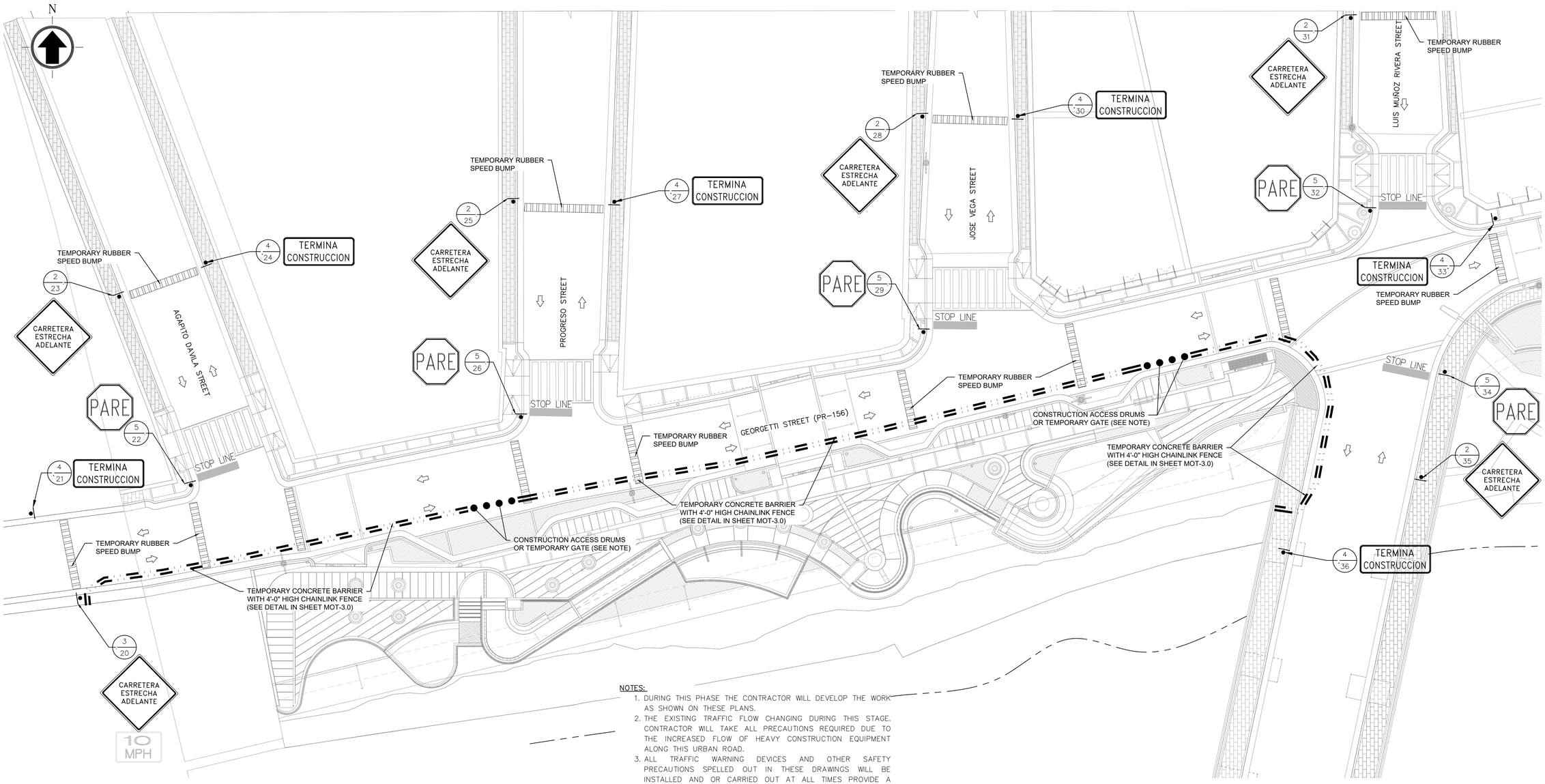
NOTES:
TO BE APPLIED TO EXISTING AND TEMPORARY CROSSING WHERE NO PAVEMENT MARKING IS CURRENTLY PRESENT. SHALL BE REMOVED AFTER PROJECT COMPLETION IF REQUIRED AND NECESSARY DUE TO THE PRESENCE OF NEW PEDESTRIAN CROSSING WITH NEW PAVEMENT MARKINGS.

LEGEND

- TRAFFIC SIGN LOCATION
- X / XX — CODE NUMBER / LOCATION NUMBER
- 4.00 — RETROREFLECTIVE PLASTIC DRUMS
- FLAG PERSON
- TEMPORARY CONCRETE BARRIER WITH MATERIAL REFLECTIVE (SEE MOT GENERAL NOTES NO.2)
- CONCRETE BARRIER TEMPORARY END SECTION AS PER STD. DWGS. MPT/08 WITH MATERIAL REFLECTIVE (SEE MOT GENERAL NOTE NO.2)
- TEMPORARY TRAFFIC FLOW
- TRAFFIC FLOW
- WORK AREA
- TSYEL — TEMPORARY SINGLE YELLOW EDGE LINE
- TSWEL — TEMPORARY SINGLE WHITE EDGE LINE
- TSWLL — TEMPORARY SOLID WHITE LANE LINE
- TEMPORARY CONCRETE BARRIER WITH 4'-0" HIGH CHAINLINK FENCE OVER CONCRETE BARRIER WITH GEOTEXTILE PROTECTIVE BLACK SCREEN
- STOP BAR — TEMPORARY STOP LINE SEE DETAIL
- PEDESTRIAN CROSSING — TEMPORARY PEDESTRIAN CROSSING SEE DETAIL
- TEMPORARY RUBBER SPEED BUMP TYPICAL.

Date
Rev'd Chk'd Change Name

Certification:
I, Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos y especificaciones aquí incluidos. También, certifico que entiendo que dichos planos y especificaciones fueron preparados cumpliendo con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación, Código de Construcción y Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de dichos planos y especificaciones no se ha violado ninguna de las disposiciones de la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplique). Reconozco que se hayan producido por desconocimiento o por negligencia ya que la Industria Puertorriqueña", y con la Ley Núm. 319 de 15 de 1976



NOTES:

1. DURING THIS PHASE THE CONTRACTOR WILL DEVELOP THE WORK AS SHOWN ON THESE PLANS.
2. THE EXISTING TRAFFIC FLOW CHANGING DURING THIS STAGE. CONTRACTOR WILL TAKE ALL PRECAUTIONS REQUIRED DUE TO THE INCREASED FLOW OF HEAVY CONSTRUCTION EQUIPMENT ALONG THIS URBAN ROAD.
3. ALL TRAFFIC WARNING DEVICES AND OTHER SAFETY PRECAUTIONS SPELLED OUT IN THESE DRAWINGS WILL BE INSTALLED AND OR CARRIED OUT AT ALL TIMES PROVIDE A TRAVELED WAY OF LEAST EXISTING WIDE ON THIS URBAN ROAD.
4. INSTALL ALL PROPOSED TRAFFIC CONTROL DEVICES BEFORE STARTING WORK ON ANY OF THE PROPOSED PHASES.
5. THE CONTRACTOR SHALL COORDINATE WITH RESIDENT ENGINEER THE WORKS THAT WILL AFFECT EXISTING ENTRANCES IN ORDER TO MAINTAIN ACCESS TO THE PROPERTIES.
6. CONTRACTOR AND MUNICIPALITY SHALL COORDINATE PROPER PROJECT SECURITY AND ACCESS.
7. FOR ADDITIONAL SIGN DATA TABLE INFORMATION SEE SHEET MOT-4.0.

MAINTENANCE OF TRAFFIC - PHASE NO.1

SCALE: 1:150

0 2.5 m 5 m 7.5 m 15 m

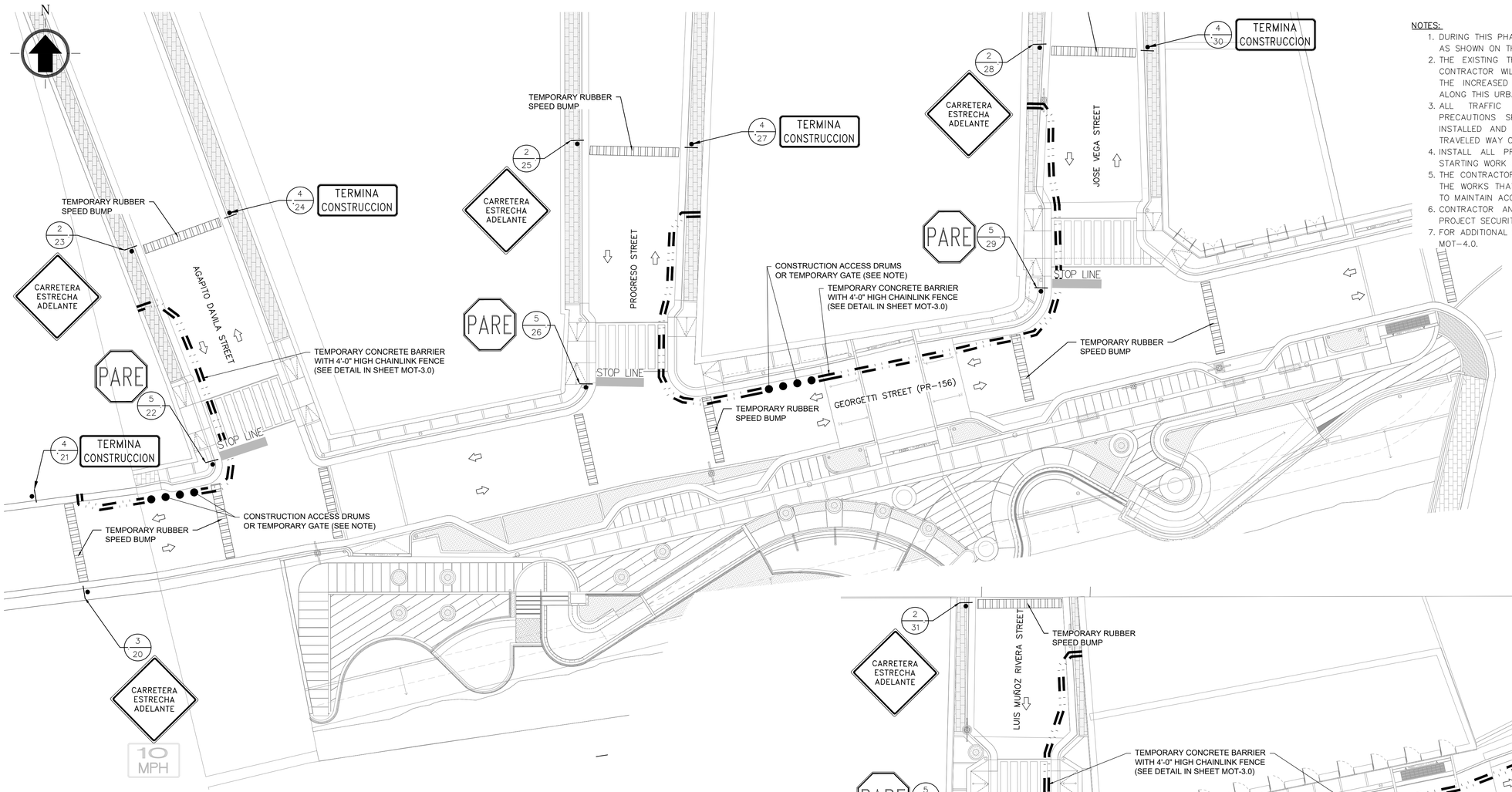
SCALE: 1:150

LEGEND

- TRAFFIC SIGN LOCATION
- X / XX — CODE NUMBER / LOCATION NUMBER
- 4.00 — RETROREFLECTIVE PLASTIC DRUMS
- FLAG PERSON
- TEMPORARY CONCRETE BARRIER WITH MATERIAL REFLECTIVE (SEE MOT GENERAL NOTES NO.2)
- CONCRETE BARRIER TEMPORARY END SECTION AS PER STD. DWGS. MPT/08 WITH MATERIAL REFLECTIVE (SEE MOT GENERAL NOTE NO.2)
- TEMPORARY TRAFFIC FLOW
- TRAFFIC FLOW
- WORK AREA
- TSYEL — TEMPORARY SINGLE YELLOW EDGE LINE
- TSWEL — TEMPORARY SINGLE WHITE EDGE LINE
- TSWLL — TEMPORARY SOLID WHITE LANE LINE
- TEMPORARY CONCRETE BARRIER WITH 4'-0" HIGH CHAINLINK FENCE OVER CONCRETE BARRIER WITH GEOTEXTILE PROTECTIVE BLACK SCREEN
- STOP BAR — TEMPORARY STOP LINE SEE DETAIL
- PEDESTRIAN CROSSING — TEMPORARY PEDESTRIAN CROSSING SEE DETAIL
- TEMPORARY RUBBER SPEED BUMP TYPICAL.

Rev'd	Chk'd	Change Name	Date

Certificacion:
Yo, Ingeniero Licenciado, número de licencia 19738 certifico que soy el profesional que diseñó los planos y/o documentos que acompañan esta certificación. Entiendo que dichos planos y/o documentos fueron preparados de acuerdo a las disposiciones aplicables de los Reglamento Conjunto y las disposiciones aplicables de los Reglamentos promulgados por las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico además, que en la preparación de dichos planos y/o documentos, me hice responsable de cumplir con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplique). Reconozco que cualquier error u omisión en que haya incurrido por desconocimiento o por negligencia ya sea mío o de cualquiera de los profesionales que trabajan bajo mi supervisión, podría ser motivo de sanción disciplinaria por parte de la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1942, según enmendada, según aplique]. Reconozco que cualquier error u omisión en que haya incurrido por desconocimiento o por negligencia ya sea mío o de cualquiera de los profesionales que trabajan bajo mi supervisión, podría ser motivo de sanción disciplinaria por parte de la Junta Examinadora de Ingenieros, Arquitectos y Agrimensores" y con la [Ley Núm. 173 de 12 de agosto de 1988, según enmendada, según aplique]. Reconozco que cualquier error u omisión en que haya incurrido por desconocimiento o por negligencia ya sea mío o de cualquiera de los profesionales que trabajan bajo mi supervisión, podría ser motivo de sanción disciplinaria por parte de la Junta de Calidad Ambiental" y con la [Ley Núm. 416 de 22 de septiembre de 2004, según enmendada, según aplique]. Reconozco que cualquier error u omisión en que haya incurrido por desconocimiento o por negligencia ya sea mío o de cualquiera de los profesionales que trabajan bajo mi supervisión, podría ser motivo de sanción disciplinaria por parte de la Junta de Planificación" y con la [Ley Núm. 75 de 24 de junio de 1975, según enmendada, según aplique]. Reconozco que cualquier error u omisión en que haya incurrido por desconocimiento o por negligencia ya sea mío o de cualquiera de los profesionales que trabajan bajo mi supervisión, podría ser motivo de sanción disciplinaria por parte de la Oficina de Gerencia de Permisos" y con la [Ley Núm. 161 de 1 de diciembre de 2009



MAINTENANCE OF TRAFFIC - PHASE NO.2

SCALE: 1:150

0 2.5 m 5 m 7.5 m 15 m

SCALE: 1:150

NOTES:

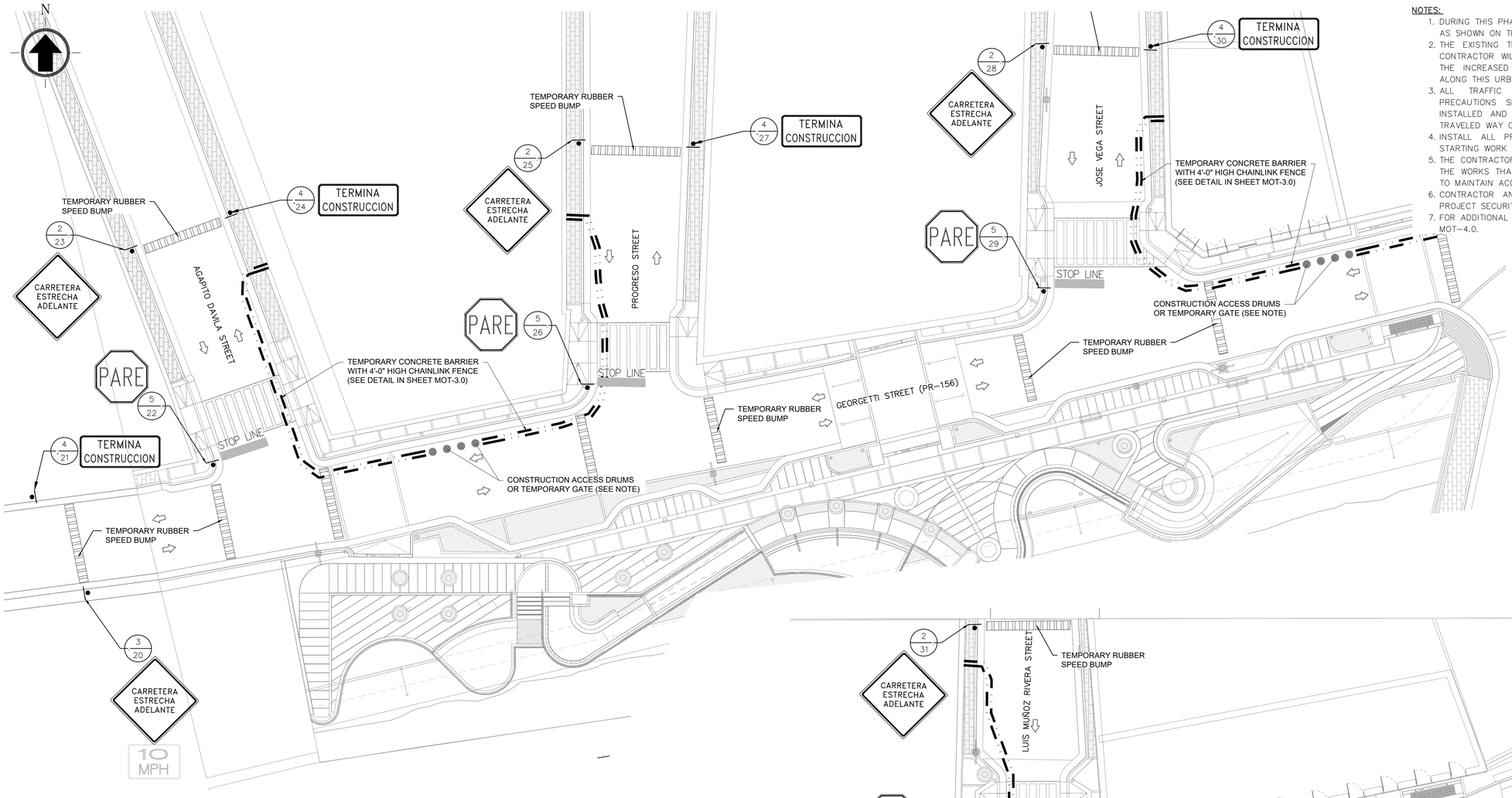
1. DURING THIS PHASE THE CONTRACTOR WILL DEVELOP THE WORK AS SHOWN ON THESE PLANS.
2. THE EXISTING TRAFFIC FLOW CHANGING DURING THIS STAGE. CONTRACTOR WILL TAKE ALL PRECAUTIONS REQUIRED DUE TO THE INCREASED FLOW OF HEAVY CONSTRUCTION EQUIPMENT ALONG THIS URBAN ROAD.
3. ALL TRAFFIC WARNING DEVICES AND OTHER SAFETY PRECAUTIONS SPELLED OUT IN THESE DRAWINGS WILL BE INSTALLED AND OR CARRIED OUT AT ALL TIMES PROVIDE A TRAVELED WAY OF LEAST EXISTING WIDE ON THIS URBAN ROAD.
4. INSTALL ALL PROPOSED TRAFFIC CONTROL DEVICES BEFORE STARTING WORK ON ANY OF THE PROPOSED PHASES.
5. THE CONTRACTOR SHALL COORDINATE WITH RESIDENT ENGINEER THE WORKS THAT WILL AFFECT EXISTING ENTRANCES IN ORDER TO MAINTAIN ACCESS TO THE PROPERTIES.
6. CONTRACTOR AND MUNICIPALITY SHALL COORDINATE PROPER PROJECT SECURITY AND ACCESS.
7. FOR ADDITIONAL SIGN DATA TABLE INFORMATION SEE SHEET MOT-4.0.

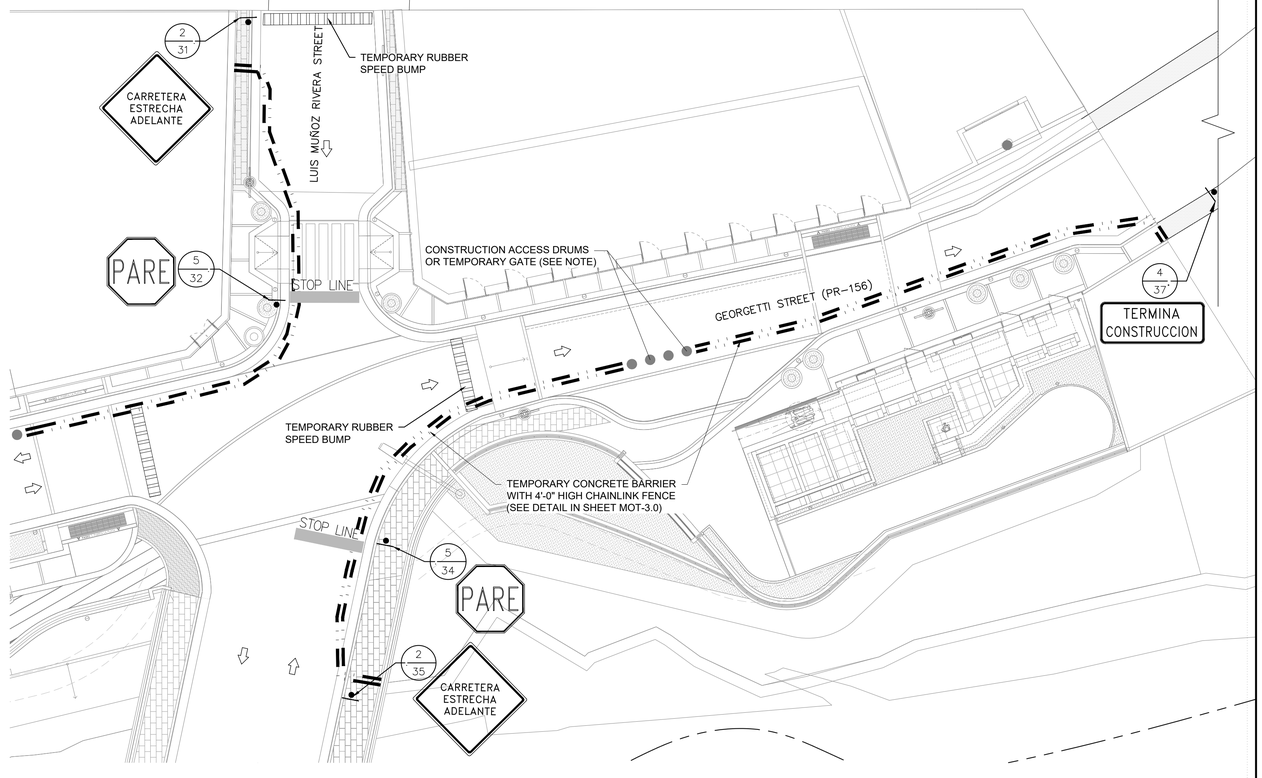
LEGEND

	TRAFFIC SIGN LOCATION
X / XX	CODE NUMBER / LOCATION NUMBER
4.00	RETROREFLECTIVE PLASTIC DRUMS
	FLAG PERSON
	TEMPORARY CONCRETE BARRIER WITH MATERIAL REFLECTIVE (SEE MOT GENERAL NOTES NO.2)
	CONCRETE BARRIER TEMPORARY END SECTION AS PER STD. DWGS. MPT/08 WITH MATERIAL REFLECTIVE (SEE MOT GENERAL NOTE NO.2)
	TEMPORARY TRAFFIC FLOW
	TRAFFIC FLOW
	WORK AREA
TSYEL	TEMPORARY SINGLE YELLOW EDGE LINE
TSWEL	TEMPORARY SINGLE WHITE EDGE LINE
TSWLL	TEMPORARY SOLID WHITE LANE LINE
	TEMPORARY CONCRETE BARRIER WITH 4'-0" HIGH CHAINLINK FENCE OVER CONCRETE BARRIER WITH GEOTEXTILE PROTECTIVE BLACK SCREEN
STOP BAR	TEMPORARY STOP LINE SEE DETAIL
PEDESTRIAN CROSSING	TEMPORARY PEDESTRIAN CROSSING SEE DETAIL
	TEMPORARY RUBBER SPEED BUMP TYPICAL.

Date
No. Change Name Ch'D

Certification:
I, Ingeniero licenciado, número de licencia 19738 certifico que soy el profesional que diseñó estos planos y memorial descriptivo. También, certifico que entiendo que dichos planos y memorial descriptivo fueron preparados conforme al Reglamento Conjunto y las disposiciones aplicables de los Reglamentos promulgados por las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y memorial descriptivo no se ha violado ninguna de las disposiciones de la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como "Ley para Reglamentar la Industria Puertorriqueña" y con la [Ley Núm. 115 de 15 de 1978, según enmendada; según aplique]. Reconozco que se ha hecho producido por desconocimiento o por negligencia ya sea mía o de cualquier persona bajo mi supervisión, me hacen responsable de cualquier violación a las mismas, según aplique, de acuerdo con mi conocimiento





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MAINTENANCE OF TRAFFIC - PHASE NO.3

SCALE: 1:150

0 2.5 m 5 m 7.5 m 15 m

SCALE: 1:150

LEGEND

	TRAFFIC SIGN LOCATION
X / XX	CODE NUMBER / LOCATION NUMBER
4.00	RETROREFLECTIVE PLASTIC DRUMS
	FLAG PERSON
	TEMPORARY CONCRETE BARRIER WITH MATERIAL REFLECTIVE (SEE MOT GENERAL NOTES NO.2)
	CONCRETE BARRIER TEMPORARY END SECTION AS PER STD. DWGS. MPT/08 WITH MATERIAL REFLECTIVE (SEE MOT GENERAL NOTE NO.2)
	TEMPORARY TRAFFIC FLOW
	TRAFFIC FLOW
	WORK AREA
TSYEL	TEMPORARY SINGLE YELLOW EDGE LINE
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TSWLL	TEMPORARY SOLID WHITE LANE LINE
	TEMPORARY CONCRETE BARRIER WITH 4'-0" HIGH CHAINLINK FENCE OVER CONCRETE BARRIER WITH GEOTEXTILE PROTECTIVE BLACK SCREEN
STOP BAR	TEMPORARY STOP LINE SEE DETAIL
PEDESTRIAN CROSSING	TEMPORARY PEDESTRIAN CROSSING SEE DETAIL
	TEMPORARY RUBBER SPEED BUMP TYPICAL.

Date
Rev'd Ch'd Change Name

Certification:
Francisco Rodriguez-Ema, ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó los planos, especificaciones, cómputos y memorial descriptivo que incluyen este proyecto. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Zonificación, Ordenación Territorial y Agencias, Junta Reglamentadoras o Corporaciones Públicas con jurisdicción científico, además, que en la preparación de dichos planos y especificaciones he ejercido el cuidado razonable y la destreza ordinaria de mi profesión de acuerdo con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicable, y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable, conocida por la Industria Puertorriqueña" y con la Ley Núm. 115 de 15 de diciembre de 1976, según enmendada, según aplicable. También, certifico que entiendo que cualquier error o omisión por desconocimiento o por negligencia ya sea por acción o inacción de mi parte, que haya producido que se haya producido por desconocimiento o por negligencia ya sea por acción o inacción de mi parte, que haya producido daños a la propiedad pública o privada, que se descubra en el futuro y que sea de mi conocimiento, me hacen responsable de cualquier

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. Nº 19736
PUERTO RICO
787.403.1361 | FRancisco.RODRIGUEZ@upr.edu | 11 Calle Jose de Diego, Comerío, PR 00782 | Colegiado(a) Núm. 19736

ERBA

Project:
Comerio Water Front Park
197 Calle Georgetti
#Site Address#2
Comerío - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerío, PR 00782

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
10/4/2024 11:17:23 AM

Drawing Name:
MAINTENANCE OF TRAFFIC - PHASE NO.3

Date:
SEP. 24, 2024
Drawing Scale:
1:150
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
MOT-2.3

Revision:
01
Modified by:
-
Checked by:
Ing. F. Rodriguez
Approved by

GENERAL 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 THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2005 EDITION, AND WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES "MUTCD" 2009 (LATEST REVISED), AND WITH THE "MANUAL DE ROTULACION PARA LAS VIAS PUBLICAS DE PUERTO RICO" IN SPANISH 2020 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 OF 10 METERS FROM THE TRAVEL WAY.
4. THE DRUM SPACING SHALL BE 5 METERS, UNLESS INDICATED OTHERWISE ON PLANS.
5. ANY ALTERATION TO THE SCHEDULE THAT MAY IMPROVE TRAFFIC OPERATIONS WITHIN THE CONSTRUCTION AREA, IN ACCORDANCE WITH THE CURRENT MUTCD 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 ITEMS.
7. 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.
8. ALL TRENCH EXCAVATIONS MUST BE BACKFILLED THE SAME DAY BY THE END OF THE WORKSHIFT. IF NOT, THE TRENCH SHALL BE COVERED WITH A SUITABLE STEEL PLATE.
9. THE CONTRACTOR SHALL 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 OPERATION SHALL BE IMMEDIATELY COVERED IN ITS ENTIRETY WITH NON ABRASIVE MATERIAL AND SHALL BE INSPECTED DURING DAY AND NIGHT TIME TO ENSURE THAT THE SIGN IS NOT READABLE. THIS WORK IS A SUBSIDIARY OBLIGATION OF THE CONTRACT UNDER EXISTING PAY ITEMS.
11. 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 ITEMS.
12. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO ADJACENT PROPERTIES DURING CONSTRUCTION. THIS WORK WILL REQUIRE COORDINATION WITH BUSINESSES AND PRIVATE OWNERS. ALL THE MATERIALS, LABOR, EQUIPMENT, AND WORK NECESSARY FOR IMPLEMENTING THIS REQUIREMENT IS SUBSIDIARY OBLIGATION OF THE CONTRACT UNDER EXISTING PAY ITEMS.
13. THE CONTRACTOR SHALL PERFORM NIGHTTIME INSPECTIONS TO CONFIRM THE TEMPORARY TRAFFIC CONTROL ZONE IS WELL ILLUMINATED AT ALL TIMES. IF THE ZONE IS NOT WELL ILLUMINATED THE CONTRACTOR SHALL CORRECT THE PROBLEM IMMEDIATELY.
14. THE CONTRACTOR SHALL PERFORM DAYTIME AND NIGHTTIME INSPECTIONS TO CONFIRM THE MAINTENANCE OF TRAFFIC IS IMPLEMENTED CORRECTLY AND ALL TRAFFIC SIGNS, TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS ARE INSTALLED ACCORDINGLY. IF ANY VISIBILITY CONSTRUCTIONS OR PROBLEMS ARE DETECTED THE CONTRACTOR SHALL CORRECT THEM IMMEDIATELY. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY SITUATION WHICH CANNOT BE CORRECTED IMMEDIATELY IN ORDER THAT AN ALTERNATE SOLUTION CAN BE IMPLEMENTED.
15. THE PUERTO HIGHWAY AND TRANSPORTATION AUTHORITY ITS DOES RESERVES THE RIGHT TO STOP THE WORK AT ANY TIME OF THE CONTRACTOR DO NOT COMPLY WITH THE MAINTENANCE OF TRAFFIC AND THE SAFETY REGULATIONS.
16. THE TEMPORARY TRAFFIC SIGN INSTALLATION FOR THE PROJECT SHOULD BE IN ACCORDANCE TO STANDARD DRAWING MPT-23 (SEPTEMBER 2009 VERSION).
17. IN CASE THAT THE WORKS AFFECT THE EXISTING LUMINARIES OR WHEN DIRECTED BY ENGINEER, THE CONTRACTOR SHALL PROVIDE ADEQUATE ILLUMINATION IN THE AFFECTED AREA BUT THE GLARE OF SUCH SHOULD NOT AFFECT THE VISIBILITY OF THE DRIVERS.
18. THE LOCATION OF THE TEMPORARY TRAFFIC SIGN SHALL FOLLOW THESE TYPICAL APPLICATIONS AND THE ENGINEERS INSTRUCTIONS BASED ON THE FIELD CONDITIONS.
19. FLAGGER SIGN SHALL BE COVERED WHEN FLAGGER IS NOT PRESENT.

CONSTRUCTION SCHEDULE:

1. FOR THE CONSTRUCTION OPERATIONS OF PR-156 STREET WITH INTERSECTION PR-774 STREET AND THE AROUND STREETS IN THE MUNICIPALITY OF COMERIO. THE FOLLOWING CONSTRUCTION SCHEDULE AND SPECIAL INSTRUCTIONS SHALL BE FOLLOWED IN ORDER TO MAINTAIN TRAFFIC FLOW WITH THE LEAST INTERFERENCE TO THE CONSTRUCTION WORKS, AND TO PROVIDE SAFE CONDITIONS FOR MOTORISTS, PEDESTRIANS AND WORKERS. ANY CHANGE TO THIS SCHEDULE, SHALL BE SUBMITTED IN WRITING TO THE EXECUTIVE DIRECTOR FOR THE FINAL APPROVAL, PREVIOUS TO THEIR APPLICATION.
2. ALL PRECAUTIONS SHALL BE TAKEN SO THAT THE CONSTRUCTION WORK MAY BE PERFORMED IN SUCH A WAY, AS TO AVOID UNNECESSARY INCONVENIENCES.
3. TYPICAL DETAILS 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. THE ENGINEER SHOULD MAKE REFERENCE TO THE STANDARDS DRAWINGS OF THE PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY, OR THE M.U.T.C.D., 2009 EDITION, FOR SITUATIONS NOT PRESENTED ON THESE PLANS.
4. IMPLEMENT THE WORK ZONE TEMPORARY TRAFFIC CONTROL IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC DETAILS SHOWN IN MOT SHEETS AND THE PRHTA STANDARD DRAWINGS..

CONSTRUCTION

1. INSTALL THE CONSTRUCTION SIGNS AND SAFETY DEVICES INDICATED ON THE TYPICAL DETAILS SUITABLE FOR THE SPECIFIC CONSTRUCTION AREA. THE LENGTH OF THE LANE CLOSURE ZONE WILL DEPEND ON THE CONTRACTOR'S WORK PROGRAM AS EVALUATED BY THE ENGINEER AND/OR THE CONTRACTOR'S WORK PROGRESS AND EXPERIENCE, ONCE THE CURRENT CONSTRUCTION ZONE IS COMPLETED, ALL TRAFFIC DEVICES SHALL BE MOVED AHEAD TO THE NEXT CONSTRUCTION ZONE.
2. CONSTRUCT ALL THE WORKS INDICATED ON THE PLANS.

WORKING HOURS

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. FOR THE LANE AND SHOULDER CLOSURE, NO WORK SHALL BE ALLOWED DURING PEAK HOURS. THE PEAK HOURS ARE DEFINED AS 6:00 AM – 9:00 AM AND 3:00 PM – 6:00 PM FROM MONDAY TO FRIDAY.
4. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER THE ACCESS POINTS FOR CONSTRUCTION VEHICLES. INSTALL SIGN W8-6 (TRUCK CROSSING – 36" X 36") TO ALERT ROAD USERS OF LOCATIONS WHERE UNEXPECTED TRAVEL BY CONSTRUCTION VEHICLES MIGHT OCCUR.
5. CONTRACTOR SHALL SUBMIT SCHEDULE OF WORK INCLUDING WORKING HOURS FOR APPROVAL BY PRHTA PRIOR TO START CONSTRUCTION OPERATIONS.

LEGEND

- TRAFFIC SIGN LOCATION
- X / XX — CODE NUMBER / LOCATION NUMBER
- 4.00 — RETROREFLECTIVE PLASTIC DRUMS
- FLAG PERSON
- TEMPORARY CONCRETE BARRIER WITH MATERIAL REFLECTIVE (SEE MOT GENERAL NOTE NO.2)
- CONCRETE BARRIER TEMPORARY END SECTION AS PER STD. DWGS. MPT/08 WITH MATERIAL REFLECTIVE (SEE MOT GENERAL NOTE NO.2)
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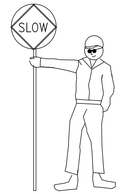
- STOP BAR — TEMPORARY STOP LINE SEE DETAIL
- PEDESTRIAN CROSSING — TEMPORARY PEDESTRIAN CROSSING SEE DETAIL
- TEMPORARY RUBBER SPEED BUMP TYPICAL.

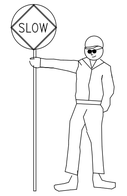
TO STOP TRAFFIC



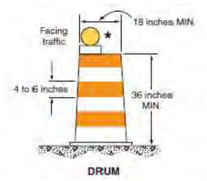
TRAFFIC PROCEED



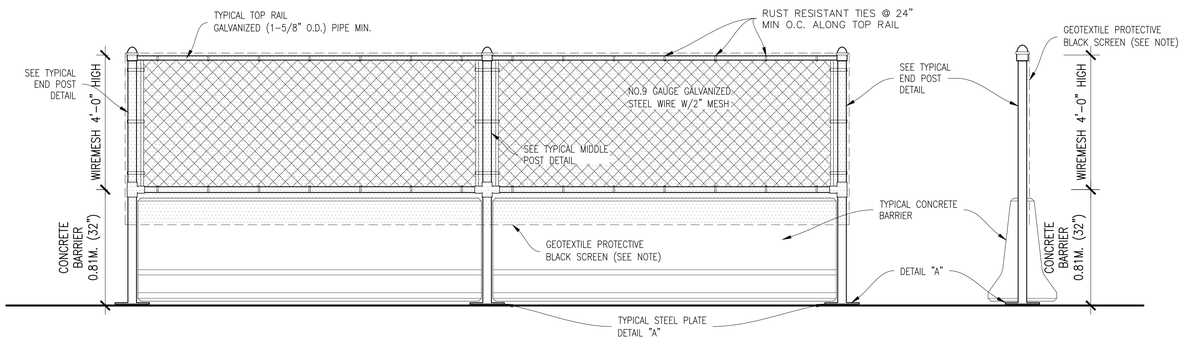
TO ALERT AND SLOW TRAFFIC



USE OF HAND SIGNALS DEVICES BY FLAGMAN



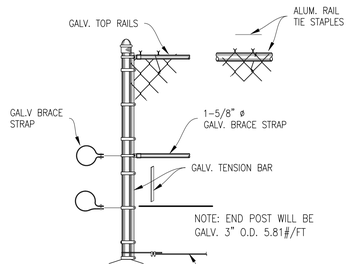
DRUMS NOTE:
DRUMS USED FOR ROAD USER WARNING OR CHANNELIZATION SHALL BE CONSTRUCTED OF LIGHTWEIGHT, DEFORMABLE MATERIALS. THEY SHALL BE A MINIMUM OF 36 INCHES IN HEIGHT AND HAVE AT LEAST AN18–INCH MINIMUM WIDTH REGARDLESS OF ORIENTATION. METAL DRUMS SHALL NOT BE USED. THE MARKINGS ON DRUMS SHALL BE HORIZONTAL, CIRCUMFERENTIAL, ALTERNATING ORANGE AND WHITE RETROREFLECTIVE STRIPES 4 TO 6 INCHES WIDE. EACH DRUM SHALL HAVE A MINIMUM OF TWO ORANGE AND TWO WHITE STRIPES WITH THE TOP STRIPE BEING ORANGE. ANY NON-RETROREFLECTORIZED SPACES BETWEEN THE HORIZONTAL ORANGE AND WHITE STRIPES SHALL NOT EXCEED 3 INCHES WIDE. DRUMS SHALL HAVE CLOSED TOPS THAT WILL NOT ALLOW COLLECTION OF CONSTRUCTION DEBRIS OR OTHER DEBRIS. DRUMS SHOULD NOT BE WEIGHTED WITH SAND, WATER, OR ANY MATERIAL TO THE EXTENT THAT WOULD MAKE THEM HAZARDOUS TO ROAD USERS OR WORKERS WHEN STRUCK.



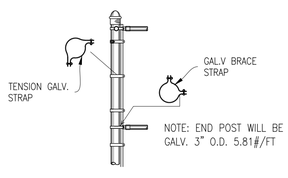
NOTE:
GEOTEXTILE PROTECTIVE BLACK SCREEN FOR PRIVACY AND SECURITY. PROVIDE LATERAL CUTS TO MINIMIZE WIND RESISTANCE.

TYPICAL 4'-0" HIGH CHAINLINK FENCE OVER CONCRETE BARRIER WITH GEOTEXTILE PROTECTIVE BLACK SCREEN

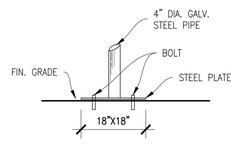
1:25



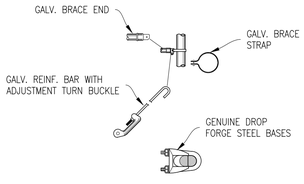
END POST DETAIL



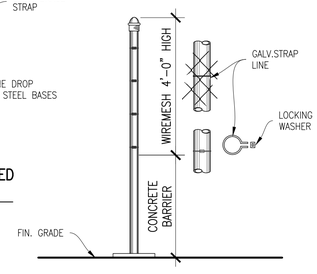
CORNER POST DETAIL



DETAIL "A"



DETAIL OF 3/8" GALVANIZED WIRE ROPE CLIP



MIDDLE POST DETAIL

CHAINLINK FENCE POST DETAIL

MAINTENANCE OF TRAFFIC NOTES AND DETAILS

SCALE: AS SHOWN

Date
Rev'd
Chk'd
Change Name

Certification:
I, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19738 certifico que soy el profesional que diseñó los planos y documentos de construcción aquí sometidos. También, certifico que entiendo que dichos documentos cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables del reglamento de Construcción vigente en el Municipio Autónomo de Comerío, Junta Reglamentadora o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y documentos de construcción he cumplido con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicó. Reconozco que se haya producido por desconocimiento o por negligencia ya que la información provista no es correcta o no refleja el diseño y las condiciones existentes, me hacen responsable de cualquier

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19738
PUERTO RICO

787.455.1381 | fran@rodriguez-ema.com

ERBA

Project:
Comerio Water Front Park
197 Calle Georgetti
#Sitio Adicional 2
Comerío - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerío, PR

Project Info:
Cadastre: 062-000-005-67
ID #: PR-CRP-000370
Project #: 23-02
MM/DD/YYYY: 10/7/24

Drawing Name:
MAINTENANCE OF TRAFFIC NOTES AND DETAILS

Date:
SEP. 24, 2024
Drawing Scale:
AS SHOWN
Drawing Status:
ISSUE FOR PERMIT

Layout ID:
MOT-3.0

Revision:
01
Modified by:
-
Checked by:
Ing. F. Rodriguez
Approved by
-

TEMPORARY SIGN DATA:

CODE NUMBER	LOCATION NUMBER	SIGN CODE	L E G E N D	SIZE OF SIGN PANELS	OVERHEAD STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
1	1, 9, 10, 11, 12	W20–1		36" x 36"	N/A	SEE D.T.P.W. MANUAL	5
2	13, 23, 25, 28, 31, 35	W5–1		36" x 36"	N/A	SEE D.T.P.W. MANUAL	6
3	20	W5–1 W13–1		36" x 36"	N/A	SEE D.T.P.W. MANUAL	1
4	21, 24, 27, 30, 33, 36, 37	G20–2		40" x 16"	N/A	SEE D.T.P.W. MANUAL	7
5	22, 26, 29, 32, 34	R1–1		30" x 30"	N/A	SEE D.T.P.W. MANUAL	5
6	5, 6, 7, 15, 16, 17	W20–1		36" x 36"	N/A	SEE D.T.P.W. MANUAL	6
7	4, 8, 14, 18	W3–5		36" x 36"	N/A	SEE D.T.P.W. MANUAL	4
8	2, 3, 19	W20–1 W13–1		36" x 36" 24" x 24"	N/A	SEE D.T.P.W. MANUAL	3

MAINTENANCE OF TRAFFIC - TEMPORARY SIGN DATA

SCALE: N.T.S.

Date
Rev'd
Ch'd
Change Name

FRANCISCO RODRIGUEZ-EMA CORDERO
INGENIERO LICENCIADO
LIC. # 19736
PUERTO RICO

Certification:
Yo, Francisco Rodriguez-Ema, Ingeniero licenciado, número de licencia 19736 certifico que soy el profesional que diseñó, firmó y selló los planos contenidos en este documento. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de la Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Construcción y Uso de Terrenos de todas las Agencias, Junta, Reglamentadora o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos he cumplido con los estándares de cuidado requeridos por la industria Puertorriqueña" y con la [Ley Núm. 135 de 15 de junio de 1976, según enmendada, según aplique]. Reconozco que se haya producido por desconocimiento o por negligencia ya sea mía, según definida en la Ley Núm. 45 de 18 de abril de 1935, según enmendada, según aplique] o de mis empleados, que en la preparación de estos planos no se hayan


General Match Line
CALLE AGAPITO DAVILA
CALLE PROGRESO
CALLE JOSE VEGA
CALLE LUIS MUNOZ RIVERA
PR - 156
CALLE GEORGETTI
PR 774
" La Plata" River
Existing concrete curb to be demolished
Existing sidewalk to remain
Existing sidewalk to be partial demolished and refinished
Existing Steel Pole Lamp
Existing Steel Pole Lamp to remain
Existing power line to remain
Existing trees to be demolished and discharged
Existing trees to be demolished and discharged
Existing historical building elevation to remain. Structure Consulted with ICP and has a identificacion of " Certificacion de Valor Historico". Repair and Refresh, Need to Architectural drawings for details and specifications
LOT . Georgetti 99
222 - 094 - 037 - 76
A: 1,447.72 sq ft
A: 134.5 m²
LOT . Georgetti 97
222 - 094 - 037 - 77
A: 1,580.10 sq ft
A: 146.8 m²
LOT . Georgetti 93
222 - 094 - 037 - 46
A: 1,773.45 sq ft
A: 164.76 m²
LOT . Georgetti 91
222 - 094 - 037 - 47
A: 1,011.96 sq ft
A: 94.01 m²
LOT . Georgetti 85*
222 - 094 - 037 - 48
A: 1,379.00 sq ft
A: 128.11 m²
LOT . Georgetti 87
222 - 094 - 037 - 49
A: 1,052.38 sq ft
A: 97.77 m²
LOT . Georgetti 60
222 - 094 - 037 - 50
A: 1,010.74 sq ft
A: 93.9 m²
LOT . Georgetti 83
222 - 094 - 037 - 51
A: 763.57 sq ft
A: 70.94 m²
LOT . Georgetti 81
222 - 094 - 037 - 52
A: 915.28 sq ft
A: 85.03 m²
LOT . Georgetti 79
222 - 094 - 037 - 53
A: 795.72 sq ft
A: 73.92 m²
LOT . Georgetti 77
222 - 094 - 037 - 54
A: 725.42 sq ft
A: 67.39 m²
LOT . Georgetti 75
222 - 094 - 037 - 55
A: 1,242.15 sq ft
A: 115.4 m²
Municipality Parking
261' -6" Aprox
135' - 11" Aprox
Demo-05 Parking Lot Street Level To be demolished and discharged
Demo-10 Parking Lot Street Level Existing Parking lot concrete slab To be demolished and discharged
Demo-10 Existing Parking lot concrete slab
Demo-05 Parking Lot Street Level To be demolished and discharged
Demo-05 To be demolished and discharged
Demo-05 To be demolished and discharged
Zone Boundary
Zone Boundary
Structure Consulted with ICP and has a identificacion of " Certificacion de Valor Historico"
Structure Consulted with ICP and has a identificacion of " Certificacion de Valor Historico"
Zone Boundary
Existing sidewalk to remain
Existing sidewalk to remain
Existing Steel Pole Lamp
Existing Steel Pole Lamp
Existing Steel Pole Lamp

Div-02 Demolition - Schedule Legend

Home Story Name	Element ID	2D Plan Preview	Name	Type	Notes
0.1 GEORGETTI ROAD					
	ELP-01		Existing Light Pole Lot. Georgetti 81	To be removed, rapair and relocated	Refer to Important notes for details and specifications.
Level-00					
	Demo-02		Bridge lower wall	To be removed,discharged and replaced	Refer to structural plans
	Demo-05		Existing Lot. 1 - Building #46	To be demolished and discharged	entire comercial building to be demolished (1 level)including electrical, mechanical or furniture devices inside the property (doors, windows, columns and beams, others).
	Demo-05		Existng Lot. 2 - Building #48	To be demolished and discharged	entire comercial building to be demolished (2 stories) including electrical, mechanical or movable appliances on the property.
	Demo-05		Existng Lot. 5 - Building #53	To be demolished and discharged	entire comercial building to be demolished (2 stories)including electrical, mechanical or movable appliances on the property. (doors, windows, columns and beams, others).
	Demo-05		Existng Lot.1 - Building #47	To be demolished and discharged	entire comercial building to be demolished (2 stories) including electrical, mechanical or movable appliances on the property. (doors, windows, columns and beams, others).

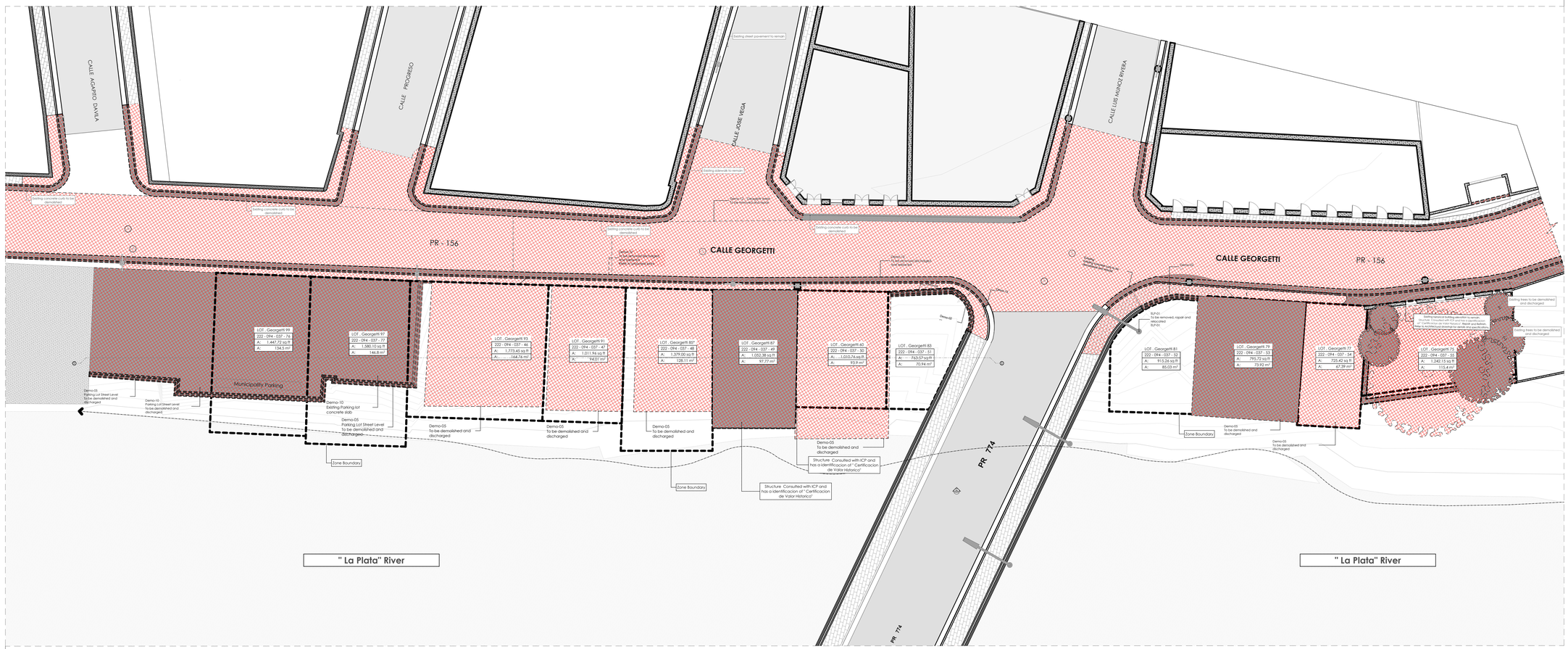
Div-02 Demolition - Schedule Legend

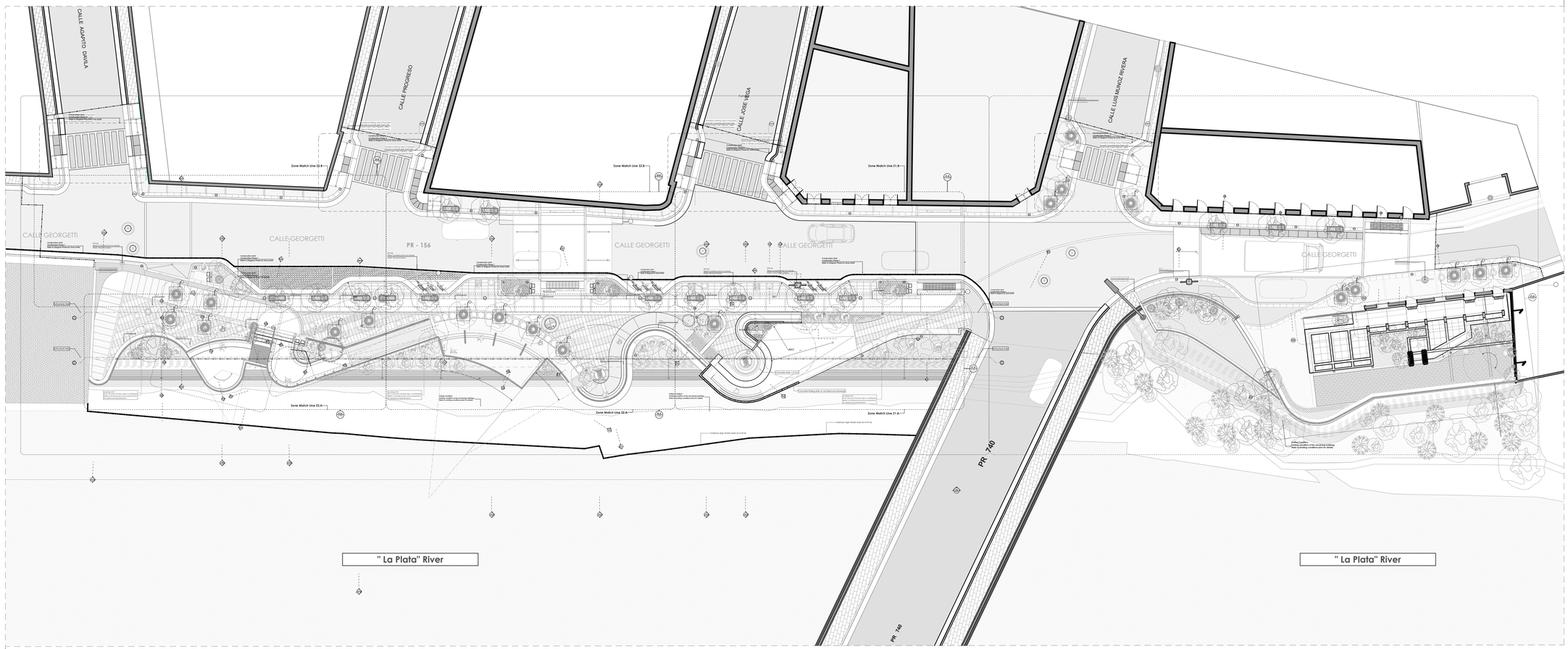
Home Story Name	Element ID	2D Plan Preview	Name	Type	Notes
	Demo-05		Existng Lot.4 - Building #50	To be demolished and discharged	entire comercial building to be demolished (2 stories) including electrical, mechanical or movable appliances on the property. (doors, windows, columns and beams, others).
	Demo-05		ExistngLot. 6 - Building #54	To be demolished and discharged	entire comercial building to be demolished (2 stories) including electrical, mechanical or movable appliances on the property. (doors, windows, columns and beams, others).
	Demo-05		Exsiting Municipality Ornamental Concrete Border Wall	To be demolished and discharged	This Inlcudes the footing and the structural system under the ornamental
	Demo-05		Limit Wall - Building Lot 7	To be demolished and discharged	Refer to important notes in the demolition plan page for details and specificications.
	Demo-10		Existing Parking lot concrete slab	To be demolished and discharged	This demolition includes all footing and structural systems on the underside of the slab or connected to it.
	Demo-10		Historical building slab	To be removed,discharged and replaced	to be consulted with engineers and historical studies of the structure
	Demo-12		Exisating Concrete Curb of 1 ft & 6 inches.	To be removed,discharged and replaced	The demolition plan proposes replacing the concrete curbs that are currently in Georgetti Street and the surrounding streets that run north to south with curbs that are six inches wide in contrast to the existing curb.
	Demo-12		Sidewalk Lot. 7	To be high pressure wash	Boundary with the property line limit

Div-02 Demolition - Schedule Legend

Home Story Name	Element ID	2D Plan Preview	Name	Type	Notes
	Demo-12		Sidewalks from Lot. 1 to 4	To be removed and discharged	
	Demo-12		Sidewalks from Lot. 5 to 7	To be removed,discharged and replaced	
	Demo-12		Jose Vega Street - Street Pavement	To be removed,discharged and replaced	Localization of the new patterns in concrete Cross walks. Refer to Structural, Civil and Architectural drawings for details and specifications.
	Demo-12 _ Georgetti street		Street Pavement	To be removed and discharged	This area will not be paved due to the construction of a speed table. Refer to the architectural, civil and structural plans for details and specifications.
	Demo-12 _ Georgetti street		Street Pavement	To be removed and repair	The new asphalt layers must be even and meet the required height specified by the proposed concrete curbs.
	Demo-12 Progreso Street		Progreso Street - Street Pavement	To be removed,discharged and replaced	Localization of the new patterns in concrete Cross walks. Refer to Structural, Civil and Architectural drawings for details and specifications.
	Demo- 05		Limit Wall - Building Lot 7	To be demolished and discharged	The wall dividing Lot Georgetti 75 from Lot Georgetti 77 in the west side.

General Match Line


CALLE AGAPITO DAVILA
CALLE PROGRESO
CALLE JOSE VEGA
CALLE LUIS MUNOZ RIVERA
CALLE GEORGETTI
PR - 156
PR - 774
Existing concrete curb to be demolished
Existing sidewalk to remain
Existing street pavement to remain
Demo-12 Concrete curb and sidewalk to be demolished and discharged
Demo-12 Concrete curb and sidewalk to be demolished and discharged
Demo-12 Concrete curb and sidewalk to be demolished and discharged



General Match Line

G.M.L

Proposed Site Plan
1/16" = 1'-0"

General Notes:

1. The contractor must ensure that all top of manholes, valves, meters, and inlets grates match the final pavement, sidewalk, and terrain grade. Refer to the Civil Drawings for additional notes.

N

10' 8' 6' 4' 2' 0' 5' 10' 15' 20' 25'

Rev/ID	CHD	Change Name	Date
1			10/1/2024

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
ARQUITECTURA
PUERTO RICO 2084
787.396.2084
www.erba.pr

Certification:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseño estos planos, que he preparado las especificaciones que aparecen en ellos y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos y Edificaciones vigentes en las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Protección de la Propiedad Vacante o Ruinosa de 2004, según enmendada, conocida como la "Ley para la Prevención de Incendios", según enmendada, y la Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley de Condominios", y la declaración falsa o falsificación de los hechos que se haya producido por omisión o por negligencia en este proceso, me hace responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park.
Project Info:
Catastro: 092-000-005-67
ID: PR-24-00570
Permit #: 2024-300570

Drawing Name:
Site Plan
Proposed Site Plan
Proposed Site Plan

Drawing Scale: **1/16" = 1'-0"**

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Layout ID:
A.100.02

Revision:
01

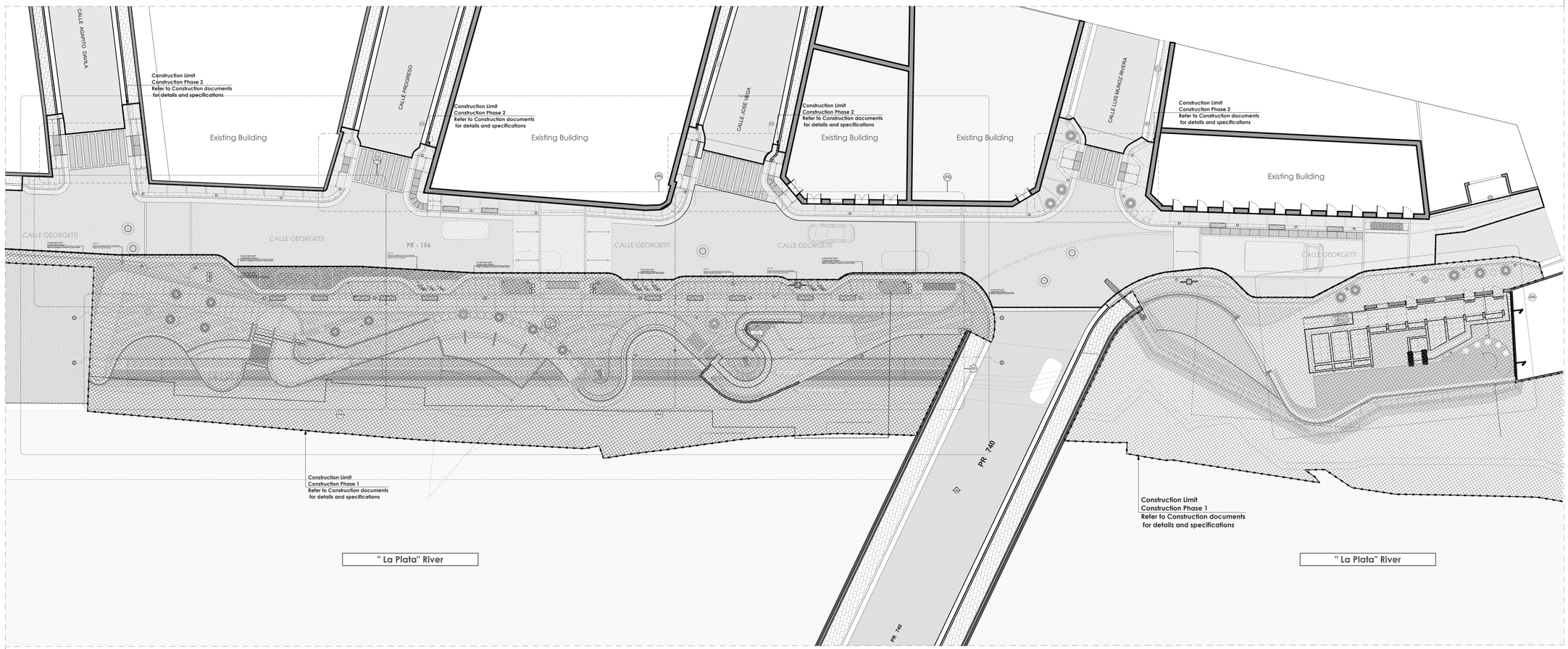
Modified by:

Checked by:

Approved by

Company
Name
Address
Comerio | PR

10/1/2024 12:58 PM



ConstructionPhases Diagram

1/16" = 1'-0"

Legend:

Construction Phase 1 - West Side and East Side Zones adjacents to "La Plata" River . This Construction Phase Includes "Zone 1 *Corridor + Plaza los Pescadores*" ; " Zone 2 *Corridor Central Plaza + Miradero*" ; " Zone 3 *Corridor + Miradero*" & East Side " El Tueste Architectural Plans" . It also includes soil, stabilization and slope work in the lower part of the corridor.

Construction Phase 2 - West Side and East Side Zones in the North Area of the project Starting from Georgetti Street to Northside. This Construction Phase Includes "Zone 1 *Calle Georgetti*" ; " Zone 2 *Calle Georgetti*" ; " Zone 3 *Calle Georgetti*" & East Side Zone Route 156 street, Side Walks & Pedestrian Crosswalks in Luis Munoz Rivera Street, Jose Vega Street, Progreso Street & Agapito Davila Street. It also includes speed tables located vertically on Georgetti Street.

Important Notes:

1. For more details, project limits, phases, areas and specifications refer to Architectural, Structural, Civil, Landscape and Geotechnical. Axonometric views are for reference only. Contractor must consider plans, sections and elevations for construction.
2. Any Additional questions referring to construction limits or phases of the project and coverage of the areas must be consulted or coordinated with project Architect.
3. Phase 1: Includes soil stabilization using "Terramesh" in the West Side. For construction process and phases , the contractor must use structural, architectural and geotechnical plans.

G.M.L

N

10' 8' 6' 4' 2' 0' 5' 10' 15' 20' 25'

Rev/ID	CHD	Change Name	Date
#1			4/1/2024

EUGENIO RAMIREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
ARQUITECTURA
RAMIREZ BALLAGAS
PSTE 204
Tel. 787-722-2204
www.erba.pr

Certification:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, y que, según mi leal saber y entender que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Uso de Terrenos vigentes en las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación de Reclamaciones de Vicios de Construcción, según enmendada, conocida como la "Ley Num. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Investigación de Reclamaciones de Vicios de Construcción" y que la declaración falsa o falsificación de los hechos que se haya producido en la preparación de estos planos y especificaciones, ya sea por mala fe, por descuido, o por negligencia, es por sí misma razón suficiente para responsabilizarme de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
Contact Company
11 Calle Diego
Comerio | PR

Project Info:
Cadastre 092-000-005-67
ID: PR-2400570
Project: 2400
10/1/2024 12:58 PM

Drawing Name:
Site Plan
Proposed Site Plan Construction Phases
ConstructionPhases Diagram

Drawing Scale: **1/16" = 1'-0"**

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

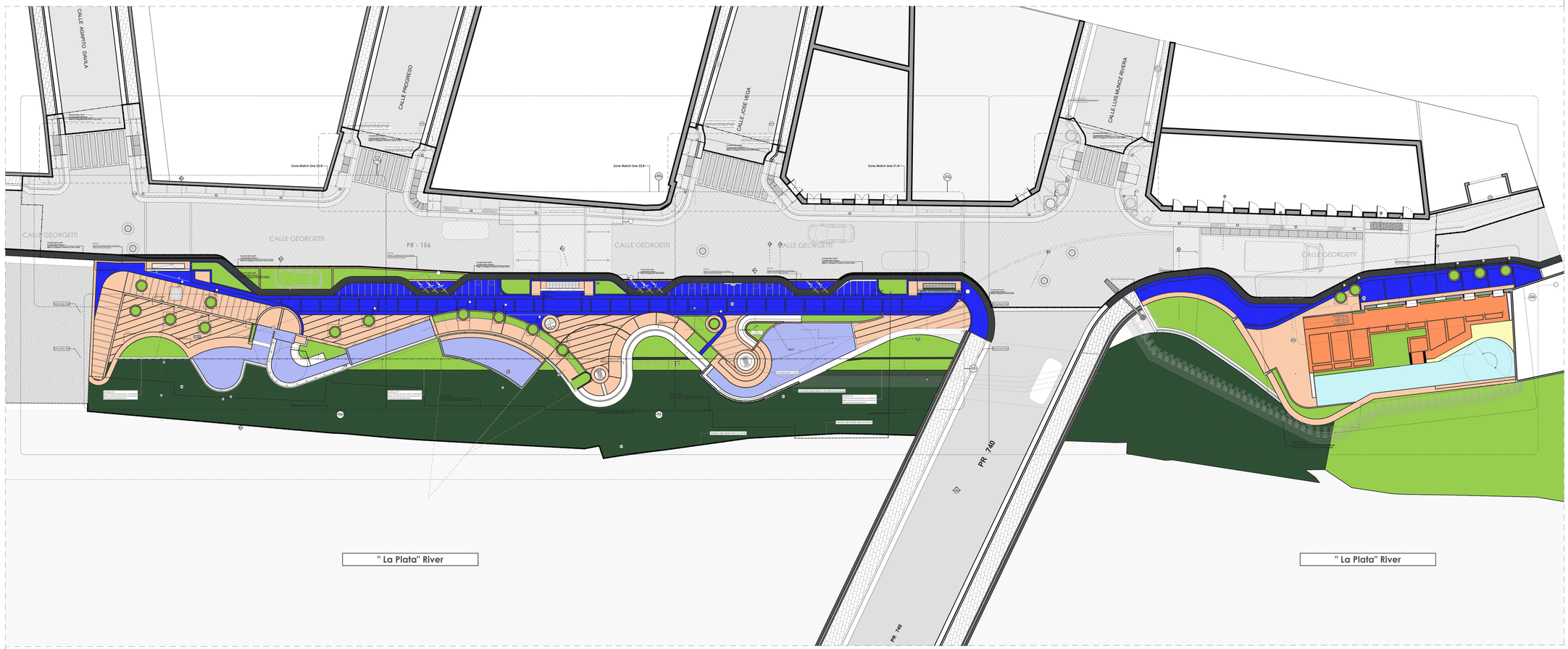
Layout ID:
A.100.03

Revision:
01

Modified by:

Checked by:

Approved by



General Match Line

G.M.L

Zone Color Diagram Phase 1

1/16" = 1'-0"

Zone Color Diagram Phase 1					
Home Story Name	Zone Number	Zone Name	2D Plan Preview	Calculated Area	Zone Category
Paseo					
	F-23	Gravel 1		564.55	Gravel
	P1Z-01	Sidewalk		2,694.14	Sidewalks
	P1Z-02	Grass + Green Areas		5,867.39	Planter
	P1Z-03	Seating Area + Corridor		3,683.86	Seating Area + Corridor
	P1Z-03	Valcony + Ramps		1,262.32	Valcony + Ramps
	P1Z-04	Plaza + Historic Site		829.41	Plaza + Historic Site
	P1Z-05	New Terramesh		8,439.79	New Terramesh Base
	P1Z-06	New Georgetti Border		1,005.45	New Street Termination Base (1)
				24,346.91 ft²	

Important Notes:

1. The project is divided in two phases of construction. Refer to "Proposed Site Plan Construction Phases" page for details and specification limits.

2. Legend of hatches:

Construction Phase 1

Construction Phase 2

N

10' 8' 6' 4' 2' 0' 5' 10' 15' 20' 25'

Revid	Chkd	Change Name	Date
01			4/1/2024

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
Lic. #19796
PUERTO RICO

ERBA
ARQUITECTURA
PUERTO RICO 2066
787.396.0000
www.erba.com

Certification:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos, que he preparado las especificaciones que aparecen en ellos que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos y Ordenamiento Territorial de las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Dignidad Ocupacional de los Profesionales de 2004, según enmendada, conocida como la "Ley para la Dignidad Ocupacional de los Profesionales", Ley Núm. 173 de 12 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley de Ejercicio de la Arquitectura"; y que he hecho la declaración falsa o falsificación de los hechos que se haya producido en violación de cualquier disposición de esta ley, por lo que, no me hace responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park.
Client Company
11 Calle Juan de Diego
Comerio | PR

Project Info:
Catastro: 092-000-005-67
ID: PR-2400570
Phase: 2024
10/1/2024 12:58 PM

Drawing Name:
Site Plan
Zone Color Diagram Phase 1
Zone Color Diagram Phase 1, Existing Condition Site Plan

Drawing Scale: **1/16" = 1'-0", 1" = 1'-0"**

Drawing Status: **Design Development 60%- ISSUED FOR PERMIT**

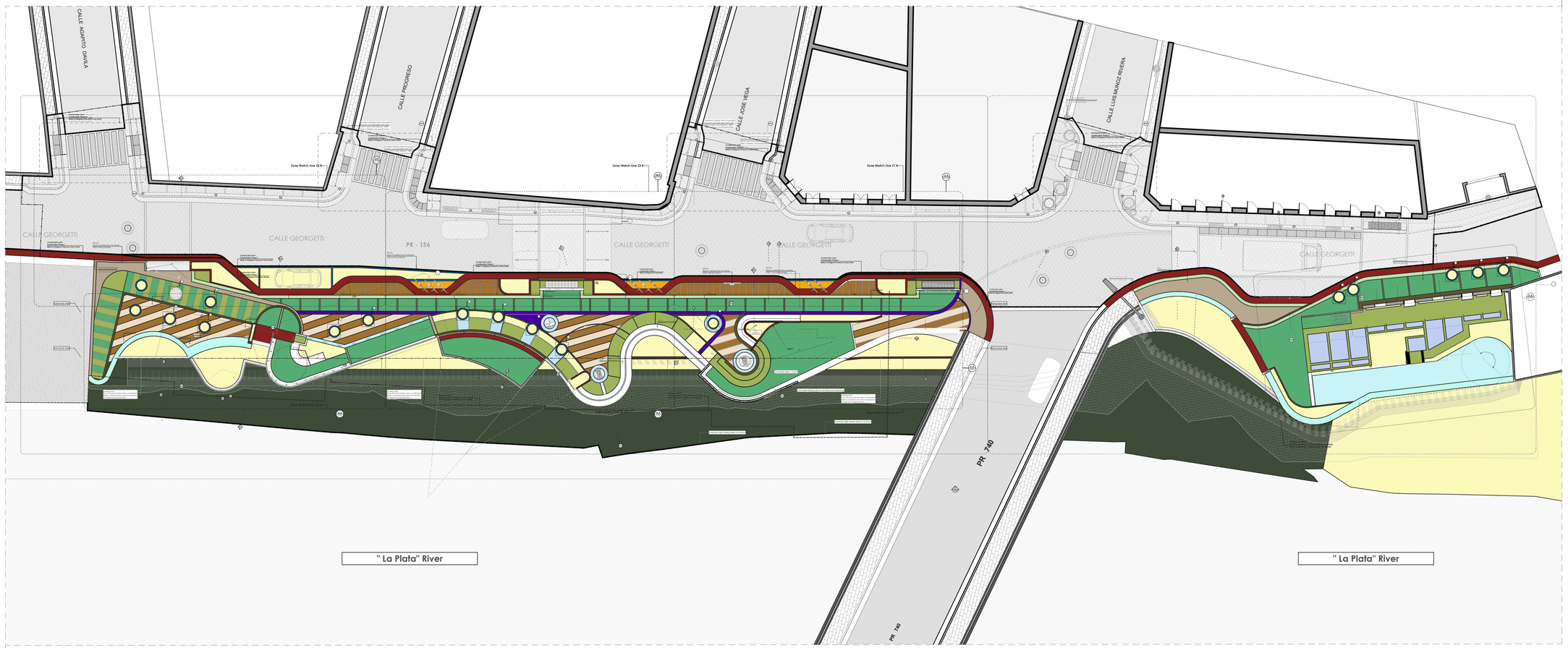
Layout ID:
A.100.04

Revision:
01

Modified by:

Checked by:

Approved by



Division 9 Finishes| Phase 1

1/16" = 1'-0"

Div-09 Finish Schedule Zone Areas Ubication

Home Story Name	Zone Number	Zone Name	2D Plan Preview	Area	Zone Category
Paseo					
	F-01	Concrete Broom Finish		1,209.00	Concrete Broom Finish
	F-02	Terrazol Bramante		912,67	Bramante Crema | Terrazol Tile
	F-04	Cobblestone Broom Pigment		123,41	Cobblestone Broom | Davis Color Pigment
	F-05	Caramel Davis Color Pigment		2,819,89	Caramel Broom | Davis Color Pigment
	F-06	Auntumn Gold Pigment Smooth		565,33	Auntumn Gold | Davis Color Pigment
	F-07	Solstice Tile		363,66	Solstice Tile | Daltile
	F-08	Canyon Broom Finish		81,54	Canyon Broom | Davis Color Pigment

Div-09 Finish Schedule Zone Areas Ubication

Home Story Name	Zone Number	Zone Name	2D Plan Preview	Area	Zone Category
	F-09	Adobe Smooth Davis Color Pigment		231,31	Adobe Smooth | Davis Color Pigment
	F-10	Autumn Broomed		110,67	Autumn Gold Broomed | Davis Color Pigment
	F-11	Terrazol La Mar		578,19	La Mar Crema | Terrazol Tile (1)
	F-12	Caramel Smooth		1,293,94	Caramel Smooth | Davis Color Pigment
	F-13	Cobalt Davis Color Pigment		219,22	Cobalt (Euroblue) Smooth | Davis Color Pigment
	F-16	Nominee Matte Porcelain Tile		309,86	Nominee Matte Tile | Daltile (2)
	F-17	Polished Concrete Finish		368,48	Smooth Polished Concrete
	F-18	Grass		6,056,52	Grass

Div-09 Finish Schedule Zone Areas Ubication

Home Story Name	Zone Number	Zone Name	2D Plan Preview	Area	Zone Category
	F-18	Grass		564,55	Gravel 2
	F-19	Terra Mesh		8,439,79	Terra Mesh | Maccafferi
				24,248.03 ft²	

Important Notes:

1. The project is divided in two phases of construction. Refer to "Proposed Site Plan Construction Phases" page for details and specification limits.

2. Legend of hatches:

Construction Phase 1

Construction Phase 2

G.M.L

N

10' 8' 6' 4' 2' 0' 5' 10' 15' 20' 25'

Dates:
4/17/2024

Rev/ID | CHD | Change Name

Certification:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que he estudiado las mismas y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Uso de Terrenos y Edificaciones de los Municipios y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con las disposiciones de la Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión Razonable en la Construcción", y la Ley Núm. 417 de 10 de mayo de 1939, según enmendada. Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión Razonable en la Construcción" y la Ley Núm. 417 de 10 de mayo de 1939, según enmendada. Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión Razonable en la Construcción", y la Ley Núm. 417 de 10 de mayo de 1939, según enmendada. Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión Razonable en la Construcción", y la Ley Núm. 417 de 10 de mayo de 1939, según enmendada. Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión Razonable en la Construcción", y la Ley Núm. 417 de 10 de mayo de 1939, según enmendada. Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión Razonable en la Construcción", y la Ley Núm. 417 de 10 de mayo de 1939, según enmendada. declaración falsa o falsificación de los hechos que se haya producido por omisión, o por negligencia mía o por mi mal juicio profesional, responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park.
Client Company
11 Calle Juan de Diego
Comerio | PR

Project Info:
Catastro: 092-000-005-67
ID: PR-2400570
Phase: 2024
10/1/2024 12:58 PM

Drawing Name:
Site Plan
Division 09- Finishes Phase 1
Division 9 Finishes| Phase 1, Existing Condition Site Plan

Drawing Scale: **1/16" = 1'-0" , 1" = 1'-0"**

Drawing Status: **Design Development 60%- ISSUED FOR PERMIT**

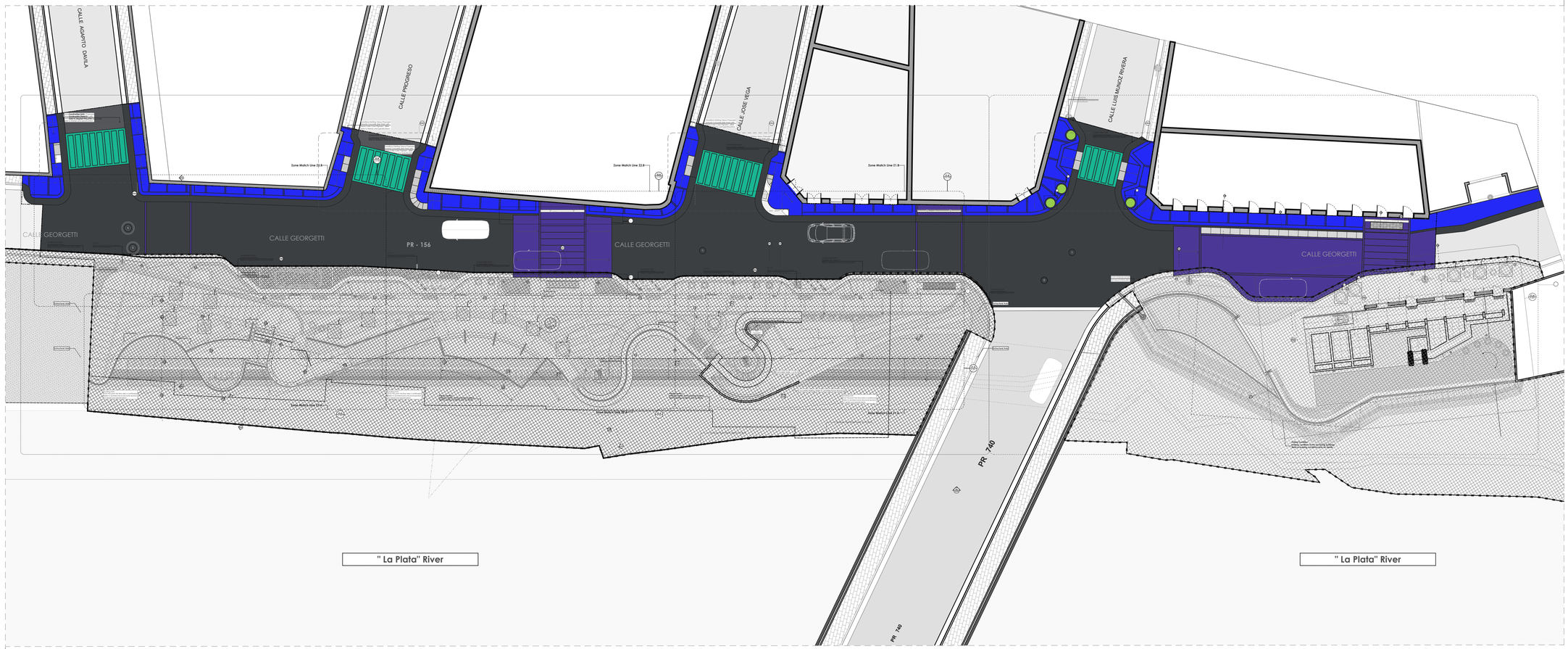
Layout ID:
A.100.05

Revision:
01

Modified by:

Checked by:

Approved by



Zone Color Diagram Phase 2

1/16" = 1'-0"

G.M.L

Phase 2 Zone Diagram					
Home Story Name	Zone Number	Zone Name	2D Plan Preview	Calculated Area	Zone Category
Paseo					
	P2Z-01	Sidewalk		2,013.87	Sidewalks P2
	P2Z-02	Planter		27.72	Planter P2
	P2Z-03	Raised Crosswalk		2,030.79	Raised Crosswalk
	P2Z-04	Crosswalk		729.96	Crosswalk P2
	P2Z-05	New Street Termination		7,856.99	New Street Termination Base P2
				12,659.33 ft²	

Important Notes:

1. The project is divided in two phases of construction. Refer to "Proposed Site Plan Construction Phases" page for details and specification limits.

2. Legend of hatches:

Construction Phase 1

Construction Phase 2

N

10' 8' 6' 4' 2' 0' 5' 10' 15' 20' 25'

Dates:
4/17/2024

Rev/ID	CHD	Change Name
1		

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que he supervisado su preparación y estoy sometiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con las disposiciones aplicables de la Ley para la Investigación de Subastas Falsas y Adulteración de los Precios de Construcción, según enmendada, conocida como la Ley para la Investigación de Subastas Falsas y Adulteración de los hechos que se haya producido declaración falsa o falsificación de los hechos que en haya producido por omisión o por ingerencia, ya sea por mi, mis empleados o por personas o por otra persona responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
#Client Address
Comerio | PR

Project Info:
Cadastre: 092-000-005-67
PID #: PR-CAP-0005570
Project #: 2023
10/1/2024 | 2:58 PM

Drawing Name:
Site Plan
Zone Color Diagram Phase 2
Existing Condition Site Plan, Zone Color Diagram Phase 2

Drawing Scale: **1" = 1'-0", 1/16" = 1'-0"**

Drawing Status: **Design Development 60%- ISSUED FOR PERMIT**

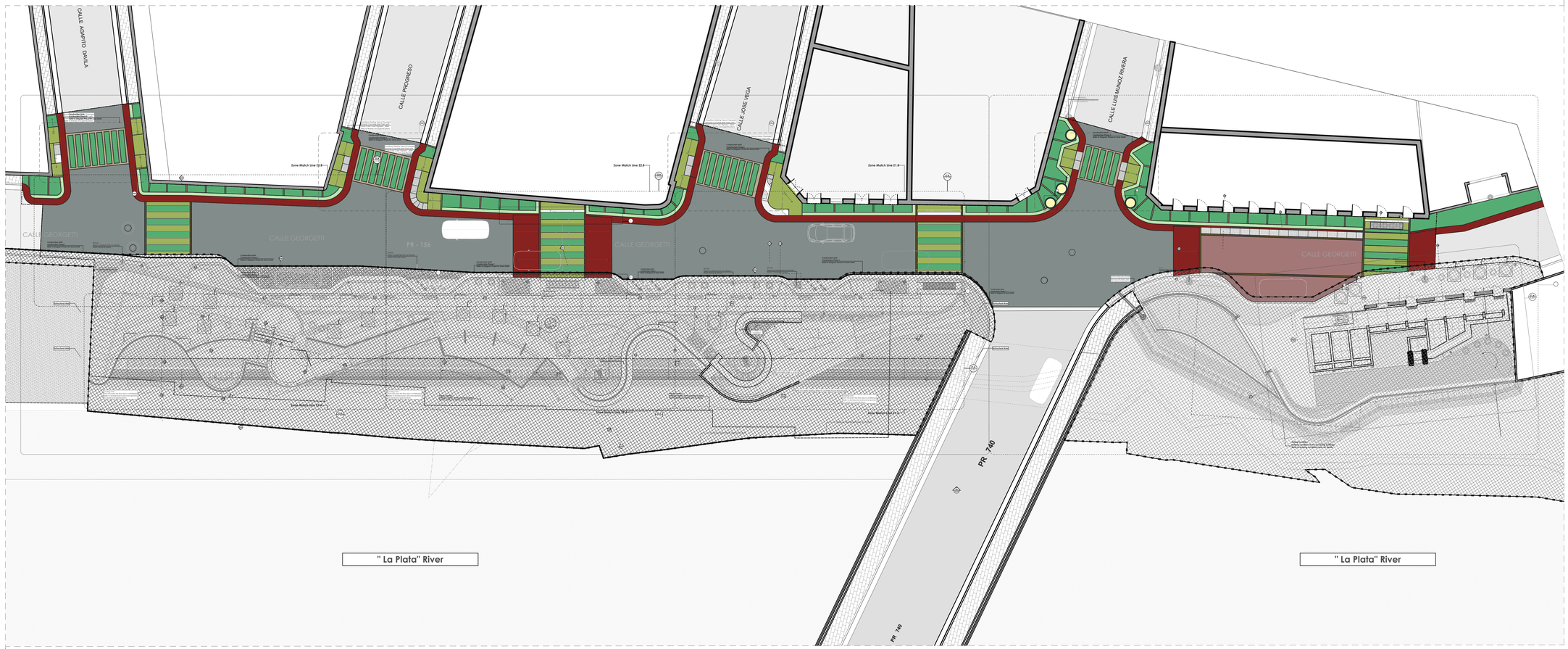
Layout ID:
A.100.06

Revision:
01

Modified by:

Checked by:

Approved by



Division 9 Finishes| Phase 2

1/16" = 1'-0"

Div-09 Finish Schedule Zone Areas Ubication Phase 2

Home Story Name	Zone Number	Zone Name	2D Plan Preview	Calculated Area	Zone Category
Paseo					
	P2F-01	Concrete Broom Finish		1,502.77	Concrete Broom Finish (1)
	P2F-02	Soleado Adoquines Carmelo		812.10	Soleado Adoquines | Carmelolo Ecologia
	P2F-04	Cobblestone Broom Pigment		10.64	Cobblestone Broom | Davis Color Pigment (1)
	P2F-05	Caramel Davis Color Pigment		2,046.88	Caramel Broom | Davis Color Pigment (1)
	P2F-06	Auntumn Gold		357.34	Auntumn Gold | Davis Color Pigment (1)
	P2F-07	Solstice Tile		356.86	Solstice Tile | Daltile
	P2F-09	Adobe Smooth Davis Color Pigment		129.66	Adobe Smooth | Davis Color Pigment (1)

Div-09 Finish Schedule Zone Areas Ubication Phase 2

Home Story Name	Zone Number	Zone Name	2D Plan Preview	Calculated Area	Zone Category
	P2F-12	Caramel Smooth		933.19	Caramel Smooth | Davis Color Pigment (1)
	P2F-18	Grass		27.72	Grass (1)
	P2F-20	Asphalt Refinish		6,444.09	Asphalt Refinish
				12,621.25 ft²	

Important Notes:

1. The project is divided in two phases of construction. Refer to "Proposed Site Plan Construction Phases" page for details and specification limits.

2. Legend of hatches:

Construction Phase 1

Construction Phase 2

N

10' 8' 6' 4' 2' 0' 5' 10' 15' 20' 25'

Revid	CHD	Change Name	Date
01			4/1/2024

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, Arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, entendiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Profesión de Arquitectura e Ingeniería de 2004, según enmendada, conocida como la "Ley para la Profesión de Arquitectura e Ingeniería de Puerto Rico", Ley Núm. 173 de 12 de mayo de 1938, según enmendada, y Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley de Ejercicio de la Profesión de Arquitectura". Declaro bajo mi responsabilidad profesional que la información suministrada es fiel a la realidad y que he producido los hechos que en ella se consignan según mi mejor conocimiento y entendimiento. Por consiguiente, en caso de error, omisión, o por incumplir con lo establecido en la ley, me hago responsable de cualquier acción judicial y disciplinaria por la OGPe.

EURBA

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
#Client Address
Comerio | PR

Project Info:
Catastro: 092-000-005-67
#Parcel 2: 092-000-005-70
#Parcel 3: 092-000-005-70
10/1/2024 | 2:09 PM

Drawing Name:
Site Plan
Division 09- Finishes Phase 2
Division 9 Finishes| Phase 2, Existing Condition Site Plan

Drawing Scale: **1/16" = 1'-0", 1' = 1'-0"**

Drawing Status: **Design Development 60%- ISSUED FOR PERMIT**

Layout ID:
A.100.07

Revision:
01

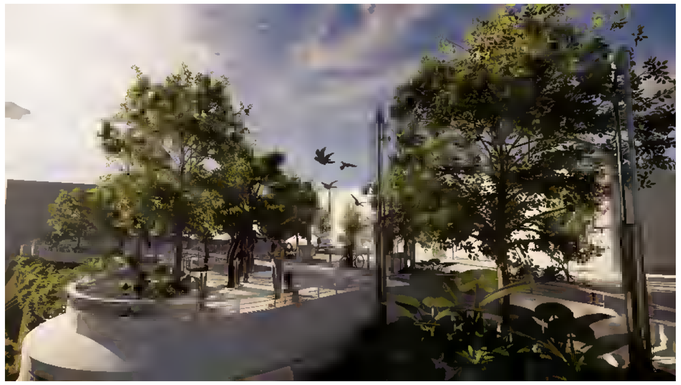
Modified by:

Checked by:

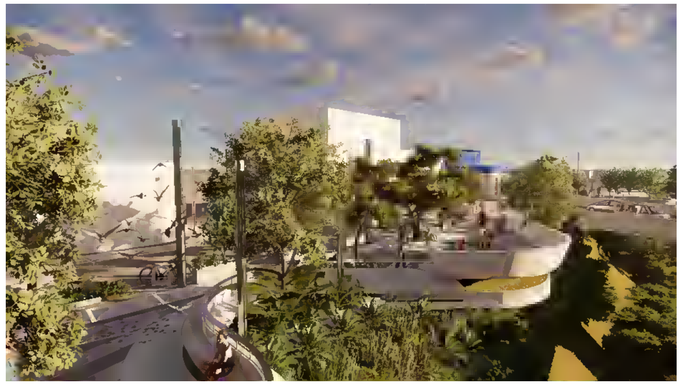
Approved by



1 **WSV Miradero**
1:2.85



2 **WSV Plaza Central**
1:2.85



3 **Plaza los Pescadores**
1:2.85



A **West Side View**
1:1.18



B **West Side View**
1:2.19

Important Note: Axonometric views are for reference only.
Contractor must consider plans, sections and elevations for construction

Layout ID:
A.100.08

Revision:
01

Modified by:

Checked by:

Approved by

Drawing Name:
Site Plan
Master Plan_ Tridimensional Views
West Side View, Plaza los Pescadores, WSV Miradero, WSV Plaza Central

Drawing Scale:
1:2.19, 1:1.18, 1:2.85

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
Project Cemetery
11 Calle Dulce de Diego
Comerio / PR

Project Info:
Catastro: 092-000-005-67
ID # PR-20-000570
Phase 2
10/17/2024 | 2:59 PM

Certificación:
Yo, **Eugenio M. Ramírez Ballagas, Arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y especificaciones, y que a mi mejor conocimiento y entendimiento que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Ocupación vigentes en las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido la Ley para la Investigación de los Hechos que en Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Investigación de los Hechos que en Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Investigación de los



A **GS- Proposed Condition**
1:1.78



B **WSV Miradero 3**
1:1.77



C **East Side View 1**
1:1.77

Important Note: Axonometric views are for reference only.
Contractor must consider plans, sections and elevations for construction

Rev/ID	CHD	Change Name	Date
01			4/1/2024

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y las especificaciones, y que, hasta donde alcanza mi conocimiento y entender que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción vigentes para el Municipio donde se ubica la(s) Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Innovación, Flexibilidad y Eficiencia en los Negocios de 2004, según enmendada, conocida como la "Ley para la Innovación para el Nuevo Puerto Rico", con la Ley Num. 76 de 5 de junio de 1975, según enmendada, con la Ley Num. 96 de 6 de julio de 1978, según enmendada, y con la Ley Num. 113 de 10 de julio de 1985, según enmendada. Finalmente, certifico que he hecho la declaración falsa o falsificación de los hechos que se haya producido en la preparación de estos planos y especificaciones y que no he sido convicto por perjurio, ni por negligencia ni por acción culposa, ni he hecho responsable de cualquier acción judicial y disciplinaria por la OGPe.



Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
Partner Company
11 Calle Juan de Diego
Comerio | PR

Project Info:
Cadastre: 062-000-005-67
ID: PR-2400570
Permit: 2024-300570
10/1/2024 12:59 PM

Drawing Name:
Site Plan
Master Plan_ Tridimensional Views
WSV Miradero 3, East Side View 1, GS- Proposed Condition

Drawing Scale: **1:1.77 , 1:1.78**

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

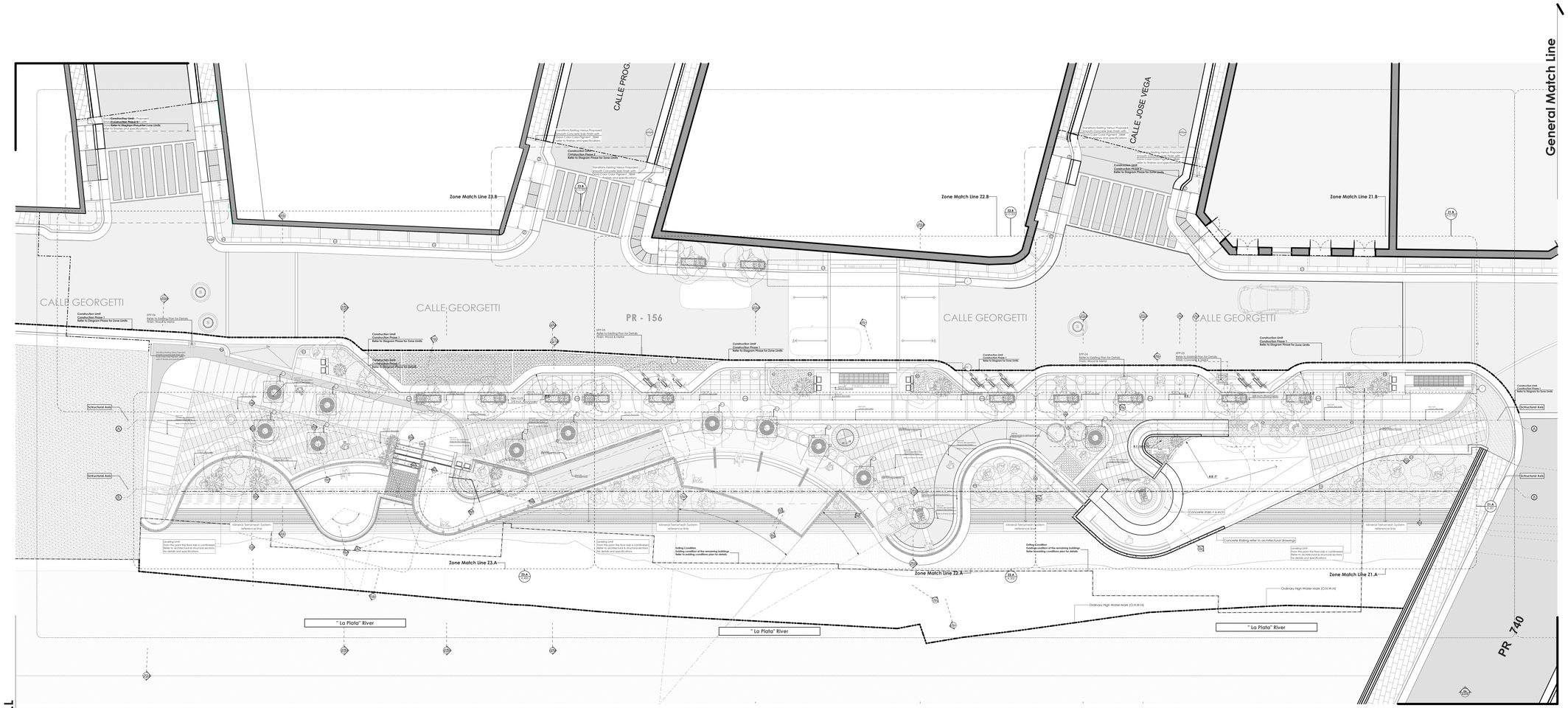
Layout ID:
A.100.09

Revision:
01

Modified by:

Checked by:

Approved by



ML West Zones Plan Areas
sc.3/32" = 1'-0"

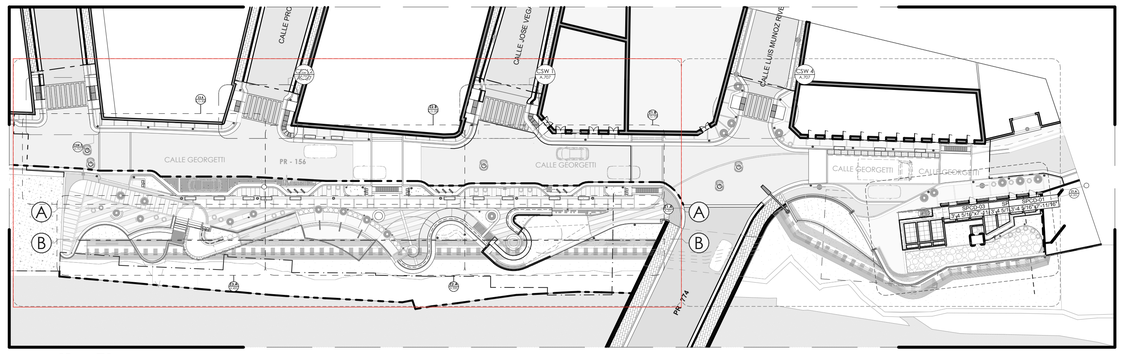
G.M.L

Important Note: ***West Side Plan Strcutural + Architectural***

1. In the corridor on the "West Side" of the Site, two important structural axes were established, designated as axis A and B. Axis "A" is connected to the first slab section which is consistent with the constant straight line that crosses the entire area and defines the "free sidewalk" zone. The structural line specified as "Axis B" is the anchor between the "Mineral Terramesh" system and the corridor zones that intersects with the top of the corridor. For details and specifications refer to the architectural and structural drawings.

Note: New backfill system

1. The system that is being used as new backfill in the lower or base portion of the project is called "Mineral Terramesh." For information of the materials, slopes, and specifications of this system, please consult the structural, architectural, and civil drawings. Use the documents that are attached to the surveys as well, as they contain the suggested geotechnicalo sections of Maccaferri (company responsible for the proposed new system).



Key Plan
1/32" = 1'-0"

N

Rev/ID	CHD	Change Name	Date
01			10/1/2024

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

EURBA
Eugenio Ramírez Ballagas
Architect
PO BOX 2284
SAN JUAN PR 00922-2284
787.529.2222
www.eurba.com

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia, 19796** certifico que soy el profesional que diseño estos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos, y Codigos de Construcciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación, Conservación y Protección de Propiedad Cultural, según enmendada, conocida como la "Ley para la Investigación de Hechos que se han producido por Negligencia" de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Investigación de los hechos que se han producido por negligencia" de esta misma fecha y la declaración falsa o falsificación de los hechos que se mencionan en la misma, ya sea por mi, mis empleados o por personas bajo mi supervisión, y por consiguiente, me hago responsable de cualquier acción judicial y disciplinaria por la CKPR.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
#Client Address

Project Info:
Cadastre: 092-000-005-67
PDA #: PR-CAP-000570
Project #: 2023
Comerio | PR

Drawing Name:
Architectural
West Corridor Plan Areas
West Zones Plan Areas, Key Plan

Drawing Scale:
3/32" = 1'-0", 1/32" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

10/1/2024 | 2:59 PM

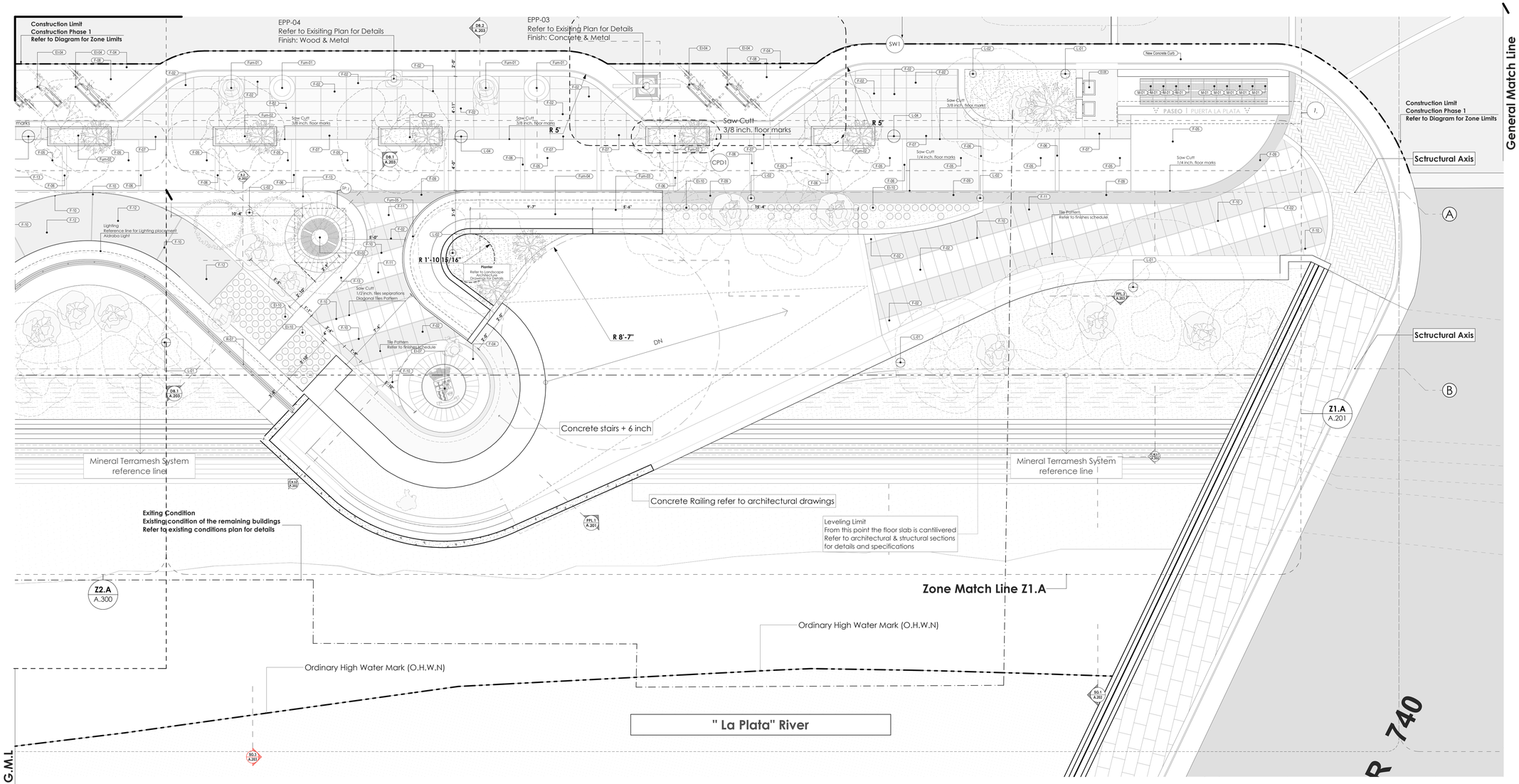
Layout ID:
A.200

Revision:
01

Modified by:

Checked by:

Approved by



Z1.A P. Los Pescadores Enlarged Plan

1/4" = 1'-0"

Note:

1. The boundaries set by the "Autoridad de Carreteras" (ACT) and its rules must be followed by any construction done close to the structural zone of the bridge that forms PR 740 Street. For more information, see the structural and architectural drawings.

2. **Ordinary High Water** mark is a line established by the Board of Engineers for reference of water limits according to the reference zone. For more details refer to the civilian cross sections for exact location and height points.

Note: Landscape

1. The zones identified as planters or gardens refer to lanscape drawings for more information regarding solid materials to be used as well as the location of plants or vegetative materials for each predetermined zone.

Note: Light | Electrical

1. The existing luminaire or power line must remain in the same location as indicated on the existing conditions drawings. In the case of proposed new connections as well as existing conditions refer to the electrical drawings to identify the main connections as well as the number of units in each zone.

10' 8' 6' 4' 2' 0 5' 10' 15' 20' 25'

Date:
10/15/2024

Rev/ID | CHD | Change Name

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
ARCHITECTURE
URBAN DESIGN
HISTORIC PRESERVATION
SUITE 204
1519 PONCE DE LEON AVE.
SAN JUAN, PR 00909
787.977.1515

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, Arquitecto licenciado, numero 19796** certifico que soy el profesional que diseño estos planos y especificaciones que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión en la Industria de la Construcción de 2004, según enmendada, conocida como la "Ley Núm. 96 de 6 de julio de 1988, según enmendada; Ley Núm. 76 de 5 de junio de 2003, según enmendada, conocida como la "Ley para la Reforma de Permisos de Puerto Rico"; y la Ley Núm. 161 de 1 de diciembre de 2009, según enmendada, conocida como la "Ley para la Reforma a la Clasificación de los hechos que se haya producido declaración falsa o falsificación de los hechos que se incluyen en la certificación, o por cualquier otra razón, ya sea por mi, mi empleado o por cualquier persona bajo mi supervisión, me hace responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
PO Box 2253
Comerio | PR

Project Info:
Cadastre: 092-000-005-67
Lot #: PR-2490-005670
Project # 2023
10/1/2024 | 2:59 PM

Drawing Name:
Architectural
ZONE 1 Corridor + Plaza los Pescadores
Plaza Los Pescadores: Ramp + Stairs + Bench, P. Los Pescadores Enlarged Plan

Drawing Scale: **1/4" = 1'-0"**

Drawing Status: **Design Development 60%- ISSUED FOR PERMIT**

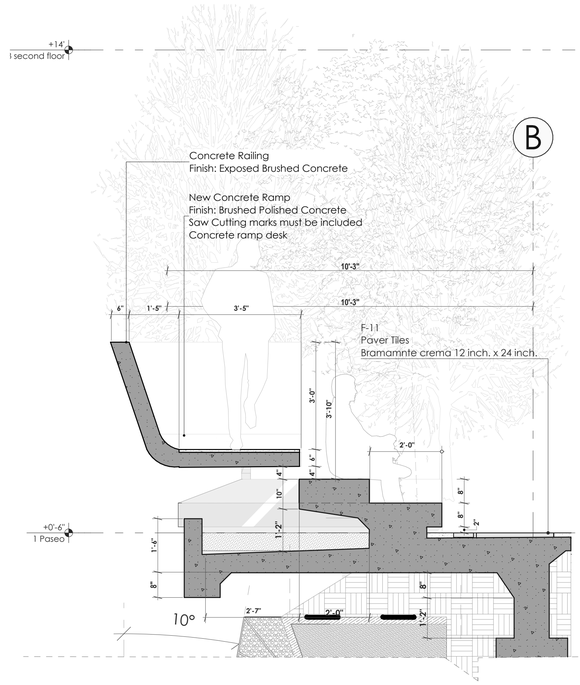
Layout ID:
A.201

Revision:
01

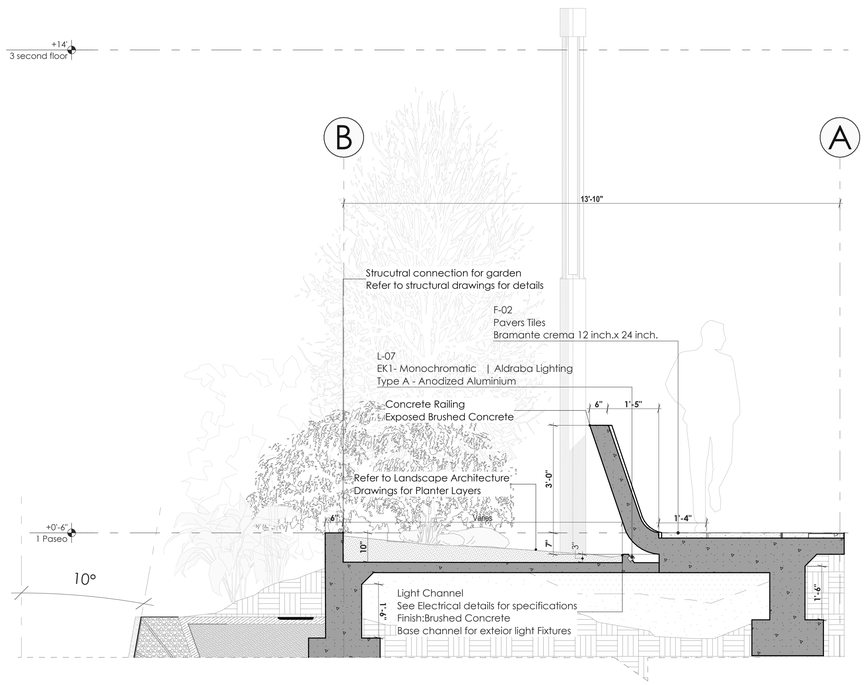
Modified by:

Checked by:

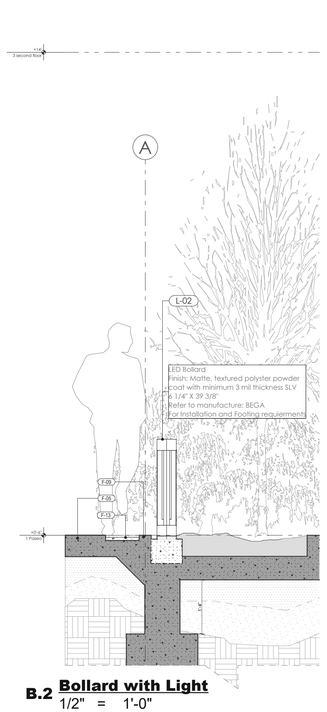
Approved by



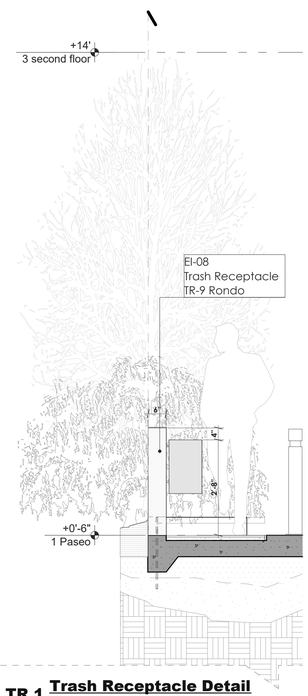
CR.S2 **Ramp + Concrete Railing + Stairs**
1/2" = 1'-0"



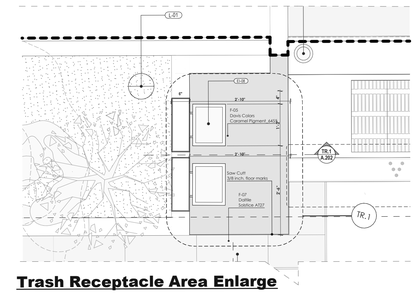
CR.S1 **Concrete Railing**
1/2" = 1'-0"



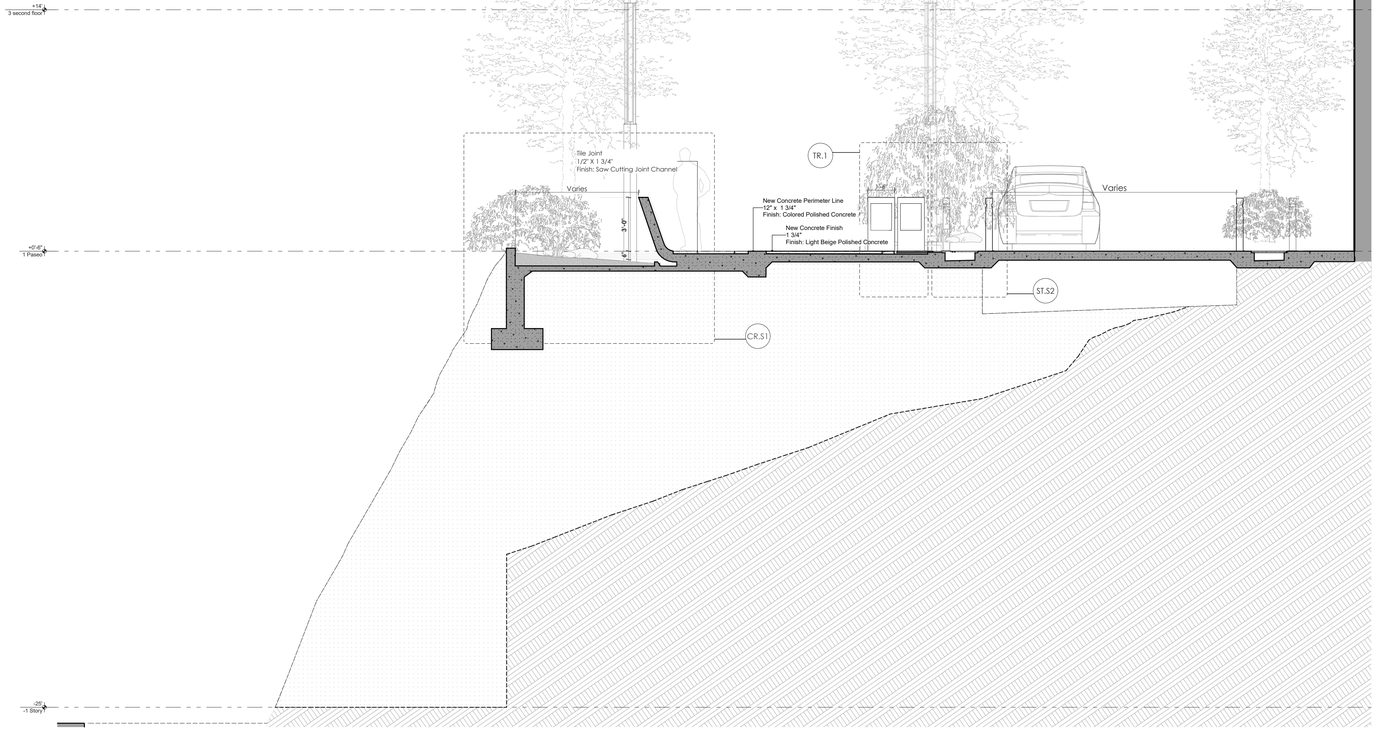
B.2 **Bollard with Light**
1/2" = 1'-0"



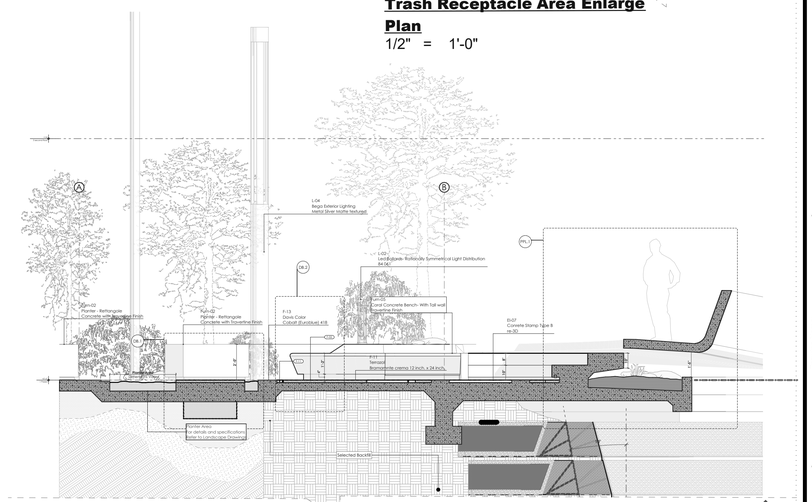
TR.1 **Trash Receptacle Detail**
1/2" = 1'-0"



Trash Receptacle Area Enlarge Plan
1/2" = 1'-0"



SG.1 **General Section**
1/4" = 1'-0"



PPL.1 **Plaza Los Pescadores: Ramp + Stairs + Bench**
1/4" = 1'-0"

10" 8" 6" 4" 2" 0 5' 10' 15' 20' 25'

Issue Log

No.	Description	Date
01	ISSUED FOR PERMIT	10/1/2024

Revised | CHKD | Change Name

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
ARCHITECTURE
SUITE 204
787.529.0202
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Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, y que según mi mejor conocimiento y entendido que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción Aplicables con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Prevención, Intervención y Disposición Final de Situaciones de Violencia Doméstica, conocida como la Ley Núm. 54 de 15 de agosto de 1989, según enmendada, la Ley para la Prevención e Intervención con la Violencia Sexual, conocida como la Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la Ley para la prevención de discrimen contra el embarazo en el empleo, conocida como la Ley Núm. 3 de 13 de marzo de 1942, según enmendada, la Ley Núm. 96 de 6 de julio de 1978, según enmendada, conocida como la Ley para prohibir el hostigamiento sexual en el empleo, y la Ley Núm. 17 de 22 de abril de 1988, según enmendada. Por último, hago constar que la declaración falsa o dadivosa de los hechos que se haya producido por dolo, culpa o negligencia ya sea por mi, mi representado o mi personal, me hace responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park

Project Info:
Cadastre: 002-000-005-67
ID: PFR-250570
Phase: 4.202
10/1/2024 | 2:59 PM

Drawing Name:
Architectural
ZONE 1 Corridor + Plaza los Pescadores
General Section, Trash Receptacle Area Enlarge Plan, Trash Receptacle Detail, Plaza Los Pescadores: Ramp + Stairs + Bench, Bollard with Light, Concrete Railing, Ramp + Concrete Railing + Stairs

Drawing Scale:
1/4" = 1'-0", 1/2" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

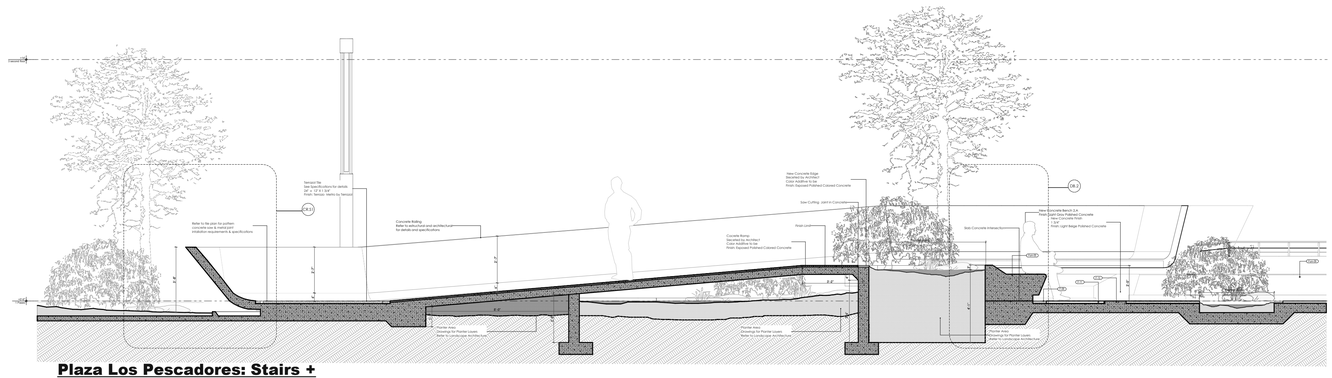
Layout ID:
A.202

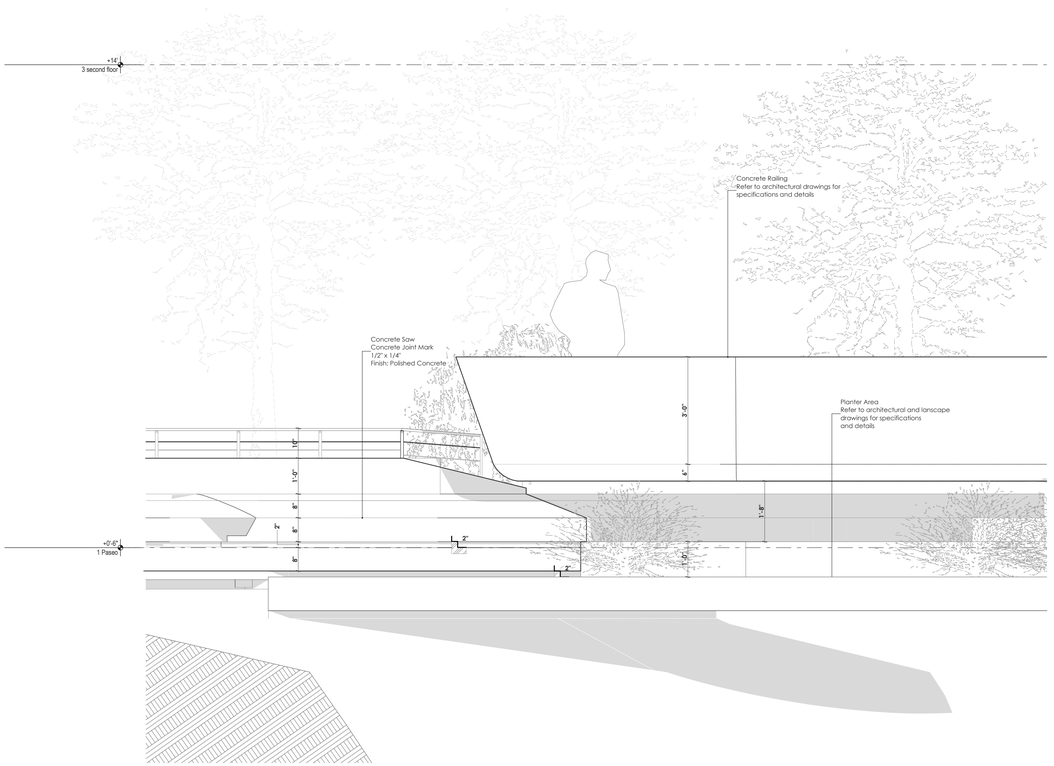
Revision:
01

Modified by:

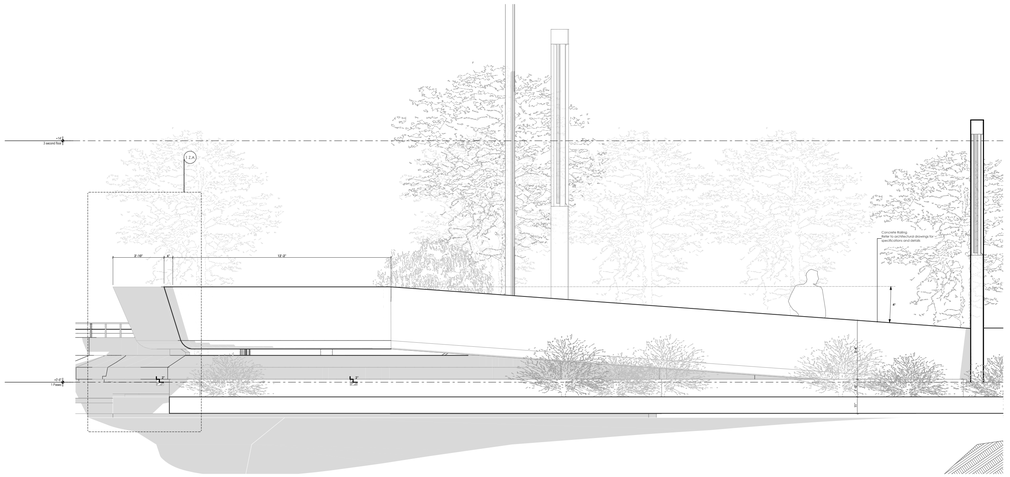
Checked by:

Approved by

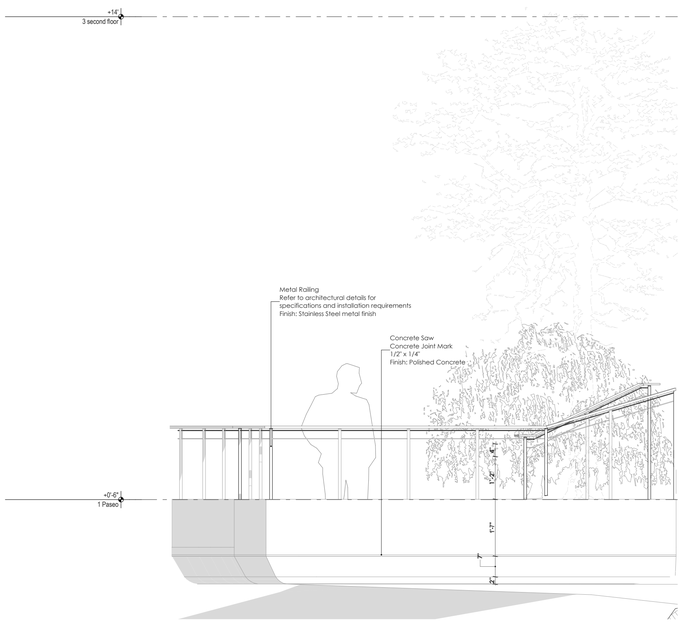

Terrazo Tile
See Specifications for details
24" x 12" X 1-3/4"
Finish: Terrazo Veneto by Terrazo
Refer to the plan for porthen
concrete size & reinforcment
insulation requirement & specifications
Concrete Railing
See Architectural and architectural
for details and specifications
New Concrete Edge
Brushed By Architect
Color: Antelope Tan
Finish: Exposed Polished Colored Concrete
Saw Cutting - Joint in Concrete
Concrete Ramp
Brushed By Architect
Color: Antelope Tan
Finish: Exposed Polished Colored Concrete
Finish Landing
Stair Concrete Intersa Isometric
New Concrete Bench 2-A
Finish Light Grey Polished Concrete
New Concrete Floor
Color: 1
Finish: Light Beige Polished Concrete
Planter Area
Drawings for Planter Layers
Refer to Landscape Architecture
Planter Area
Drawings for Planter Layers
Refer to Landscape Architecture
Planter Area
Drawings for Planter Layers
Refer to Landscape Architecture
6'-0"
6'-0"
6'-0"



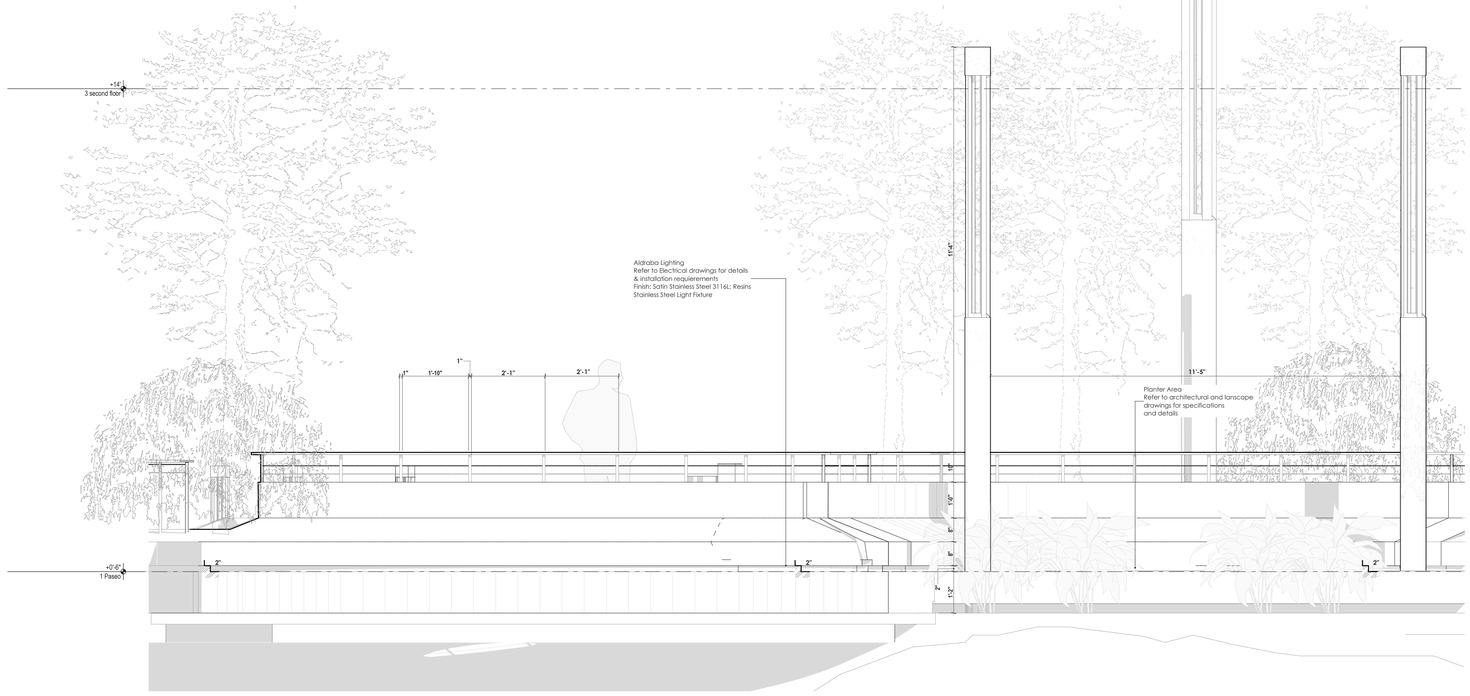
Enlarged Elevation Z1A Bench +
1 Concrete Railing



Plaza Los Pescadores Ramp
2 Elevation



Enlarged Elevation Balcony Z2.A
1



Enlarged Elevation Z2.A Plaza +
2 Concrete Bench

Rev/ID	CHD	Change Name	Date
1			10/1/2024

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Planificación vigentes en la jurisdicción donde se ubica el proyecto y con las Ordenanzas Municipales aplicables de la jurisdicción donde se ubica el proyecto. Asimismo, declaro que en la preparación de estos planos y especificaciones se ha cumplido con las disposiciones de la Ley Num. 173 de 12 de agosto de 2004, según enmendada, conocida como la "Ley para la Invención de la Industria del Diseño Gráfico en Puerto Rico" y la Ley Num. 96 de 6 de julio de 1988, según enmendada, Ley Notarial de Puerto Rico. Además, declaro que en la preparación de estos planos y especificaciones se ha cumplido con la Ley Num. 75 de 2 de mayo de 1975, según enmendada, conocida como la "Ley para la Inversión de la Industria de la Construcción en Puerto Rico" y la Ley Num. 135 de 15 de junio de 1967, según enmendada, conocida como la "Ley de Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley Num. 173 de 12 de agosto de 2004, según enmendada, conocida como la "Ley para la Invención de la Industria del Diseño Gráfico en Puerto Rico" y la Ley Num. 96 de 6 de julio de 1988, según enmendada, Ley Notarial de Puerto Rico. Además, declaro que en la preparación de estos planos y especificaciones se ha cumplido con la declaración bisa o falsificación de los hechos que se haya producido por acción o por omisión, ya sea por mi, mi representado o por mi negligencia ya sea por mala fe o por cualquier otra causa, me hago responsable de cualquier acción judicial y disciplinaria por la OGPe.

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
EUGENIO RAMIREZ BALLAGAS ARCHITECT
PSC 204
PO BOX 9021112
SAN JUAN PR 00902-1112

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
#Client Address
Comerio | PR

Project Info:
Cadastre: 092-000-005-67
PID #: PR-CAP-000570
Project #: 2023-09
10/1/2024 | 2:59 PM

Drawing Name:
Architectural
ZONE 1 Corridor Enlarged Elevations
Enlarged Elevation Z2.A Plaza + Concrete Bench , Enlarged Elevation Balcony Z2.A, Enlarged Elevation Z1A Bench + Concrete Railing, Plaza Los Pescadores Ramp Elevation

Drawing Scale:

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

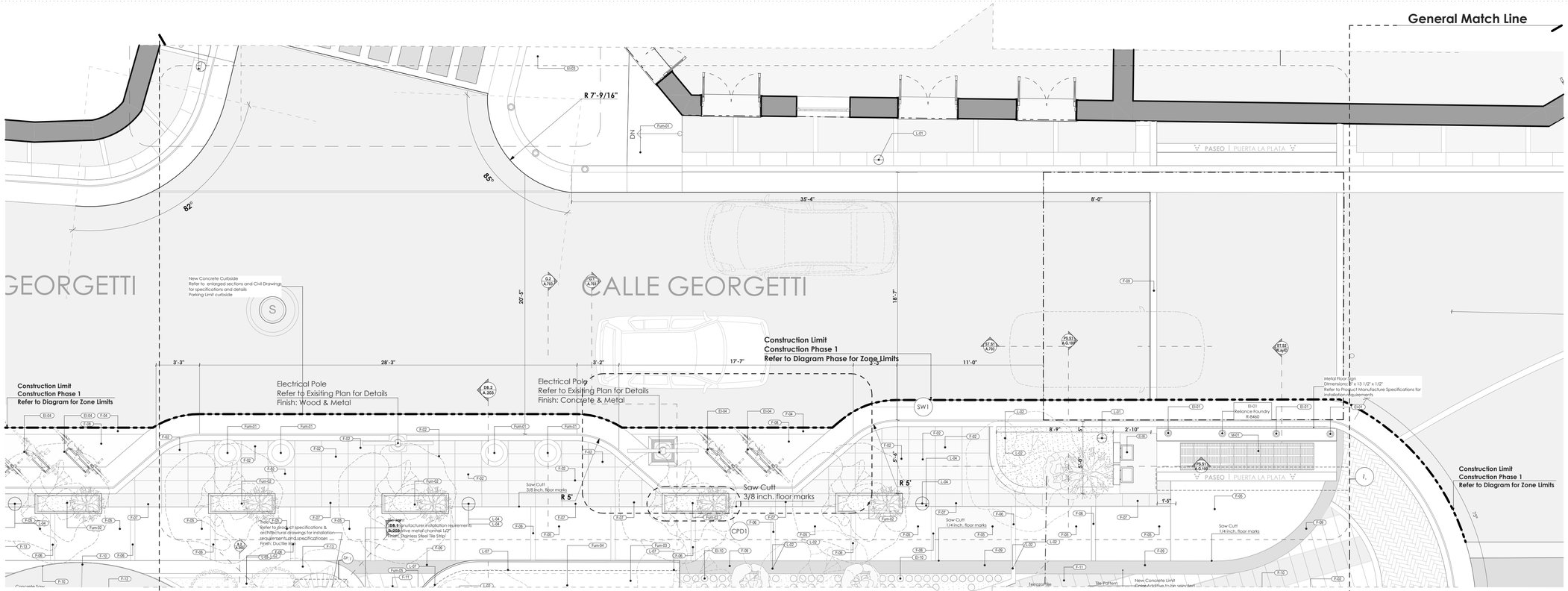
Layout ID:
A.204

Revision:
01

Modified by:

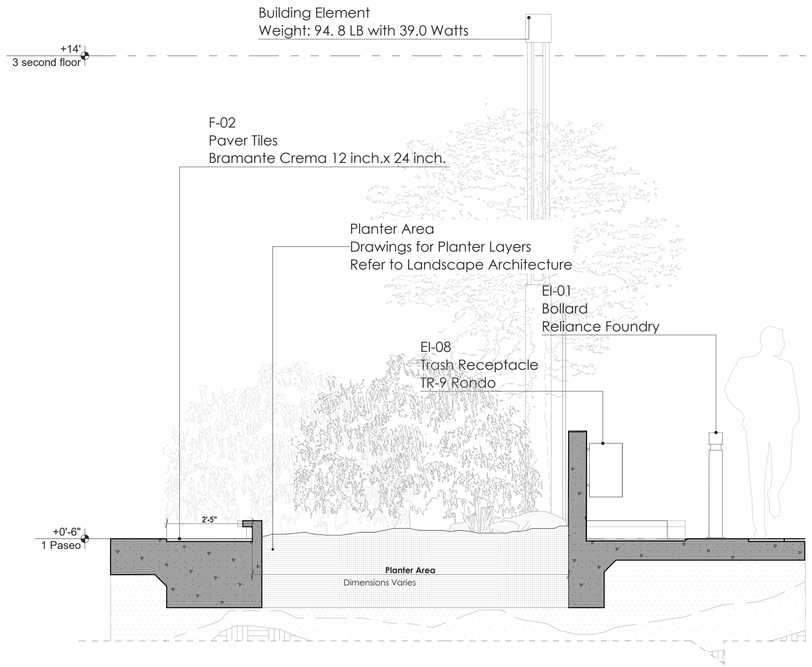
Checked by:

Approved by

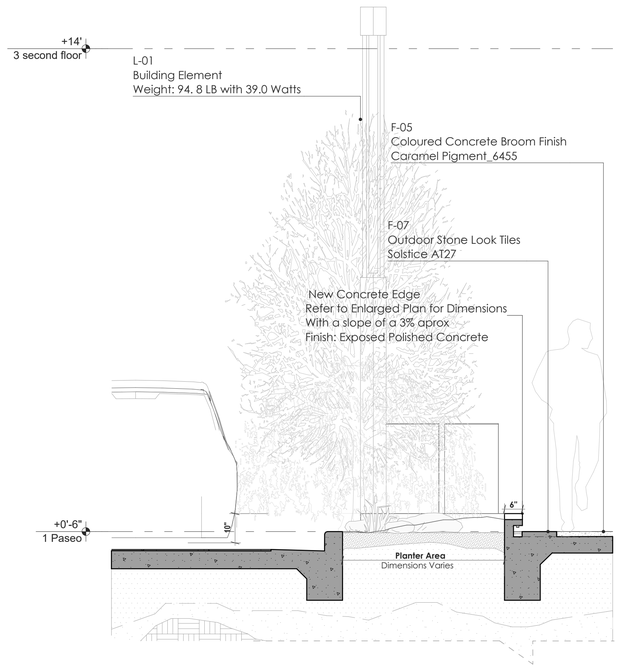


General Match Line

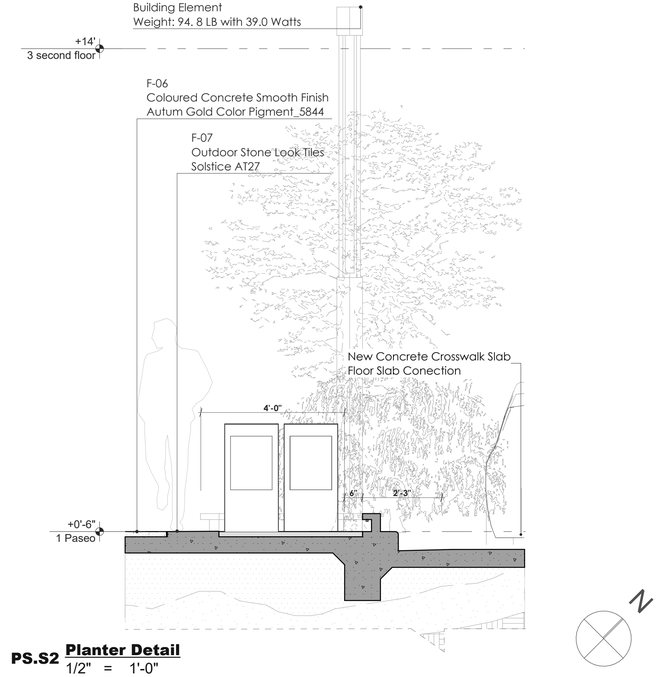
Z1.B **Enlarged Georgetti Plan Zone**
1/4" = 1'-0"



PS.S1 **Planter Detail**
1/2" = 1'-0"



PS.S3 **Planter Detail**
1/2" = 1'-0"

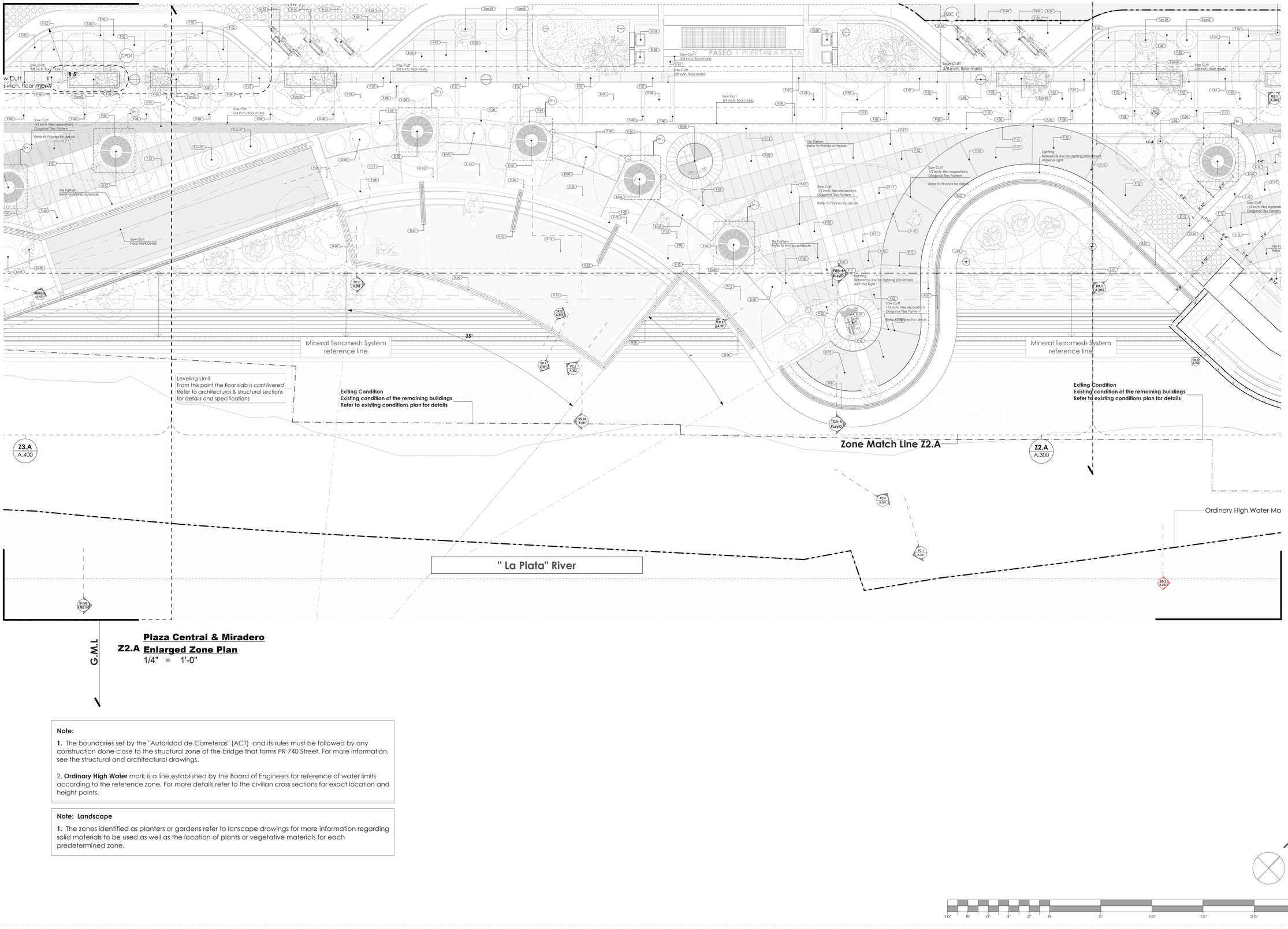


PS.S2 **Planter Detail**
1/2" = 1'-0"

10' 8' 6' 4' 2' 0 5' 10' 15' 20' 25'

Issued	Date
01	10/1/2024

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, Arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Corporaciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la ley para la Reglamentación de la Profesión de Arquitectura de 1938, según enmendada, conocida como la "Ley para la Reglamentación de la Profesión de Arquitectura de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Reglamentación de la Profesión de Arquitectura de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Reglamentación de la Profesión de Arquitectura de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la invención de estos planos y especificaciones se ha cumplido con la ley para la Reglamentación de la Profesión de Arquitectura de 1938, según enmendada, conocida como la "Ley para la Reglamentación de la Profesión de Arquitectura de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Reglamentación de la Profesión de Arquitectura de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la invención de estos planos y especificaciones se ha cumplido con la ley para la Reglamentación de la Profesión de Arquitectura de 1938



Plaza Central & Miradero
Z2.A Enlarged Zone Plan
1/4" = 1'-0"

Note:

1. The boundaries set by the "Autoridad de Carreteras" (ACT) and its rules must be followed by any construction done close to the structural zone of the bridge that forms PR 740 Street. For more information, see the structural and architectural drawings.

2. **Ordinary High Water** mark is a line established by the Board of Engineers for reference of water limits according to the reference zone. For more details refer to the civilian cross sections for exact location and height points.

Note: Landscape

1. The zones identified as planters or gardens refer to lanscape drawings for more information regarding solid materials to be used as well as the location of plants or vegetative materials for each predetermined zone.

10' 8' 6' 4' 2' 0 5' 10' 15' 20' 25'

Rev/ID	CHD	Change Name	Date
01			10/1/2024

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, Arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción Vigentes en las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión en la Industria de la Construcción de 2004, según enmendada, conocida como la "Ley Núm. 96 de 6 de julio de 2004, según enmendada, y la Ley Núm. 417 de 10 de septiembre de 2004, según enmendada, conocida como la "Ley para la Inversión en la Industria de la Construcción", y que en el ejercicio de mi profesión he cumplido con las disposiciones de la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, conocida como la "Ley para la Reforma de la Profesión de Arquitectura y la Profesión de Arquitectura Paisajista de Puerto Rico", y la Ley Núm. 75 de 24 de mayo de 1938, según enmendada, conocida como la "Ley para reglamentar la profesión de Ingeniero y la de Arquitecto y la práctica de ambas profesiones en Puerto Rico". Además, certifico que he cumplido con la clasificación de los hechos que se hayan producido durante la preparación de estos planos y especificaciones, según la declaración falsa o clasificación de los hechos que se hayan producido durante la preparación de estos planos y especificaciones, según enmendada. Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión en la Industria de la Construcción", y que en el ejercicio de mi profesión he cumplido con las disposiciones de la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, conocida como la "Ley para la Reforma de la Profesión de Arquitectura y la Profesión de Arquitectura Paisajista de Puerto Rico", y la Ley Núm. 75 de 24 de mayo de 1938, según enmendada, conocida como la "Ley para reglamentar la profesión de Ingeniero y la de Arquitecto y la práctica de ambas profesiones en Puerto Rico". Además, certifico que he cumplido con la

Note: Maccaferri Mineral System

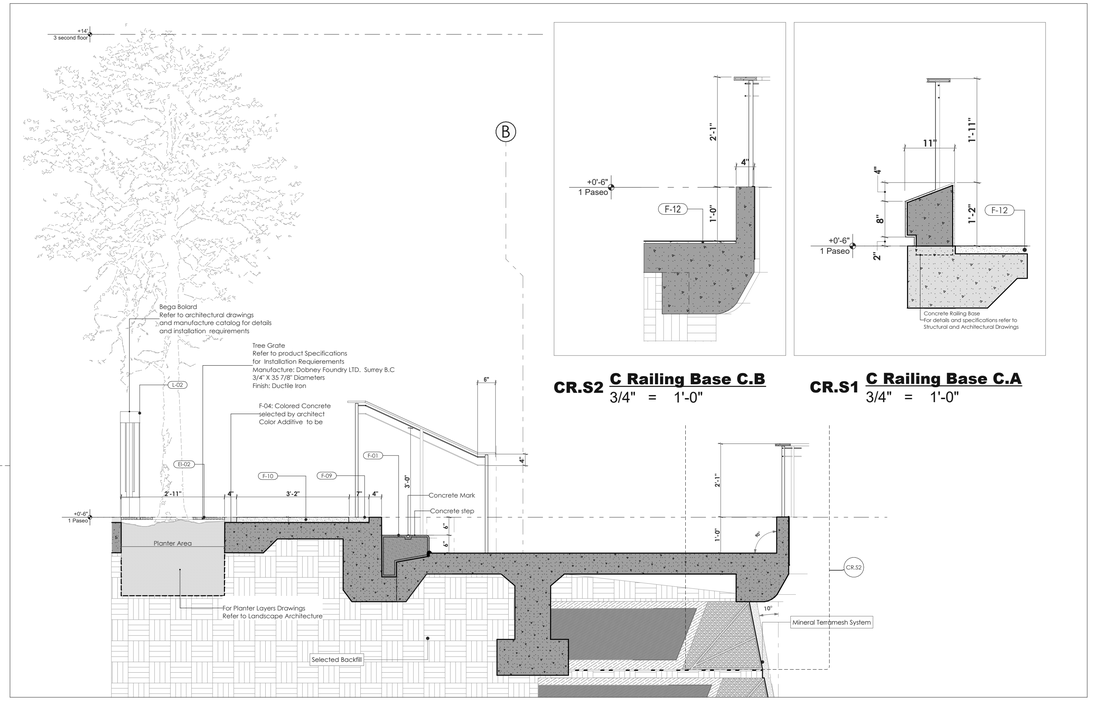
1. Refer to structural darawings for details and specifications of axis "A" & "B".

2. The drawings presented and used to symbolize the Maccaferri Terramesh Mineral System is only a representation. Refer to the technical installation instructions for specifics regarding the suggested infill and the area-specific dimensions that differ.

Note: Landscape

1. The zones identified as planters or gardens refer to lanscape drawings for more information regarding solid materials to be used as well as the location of plants or vegetative materials for each predetermined zone.

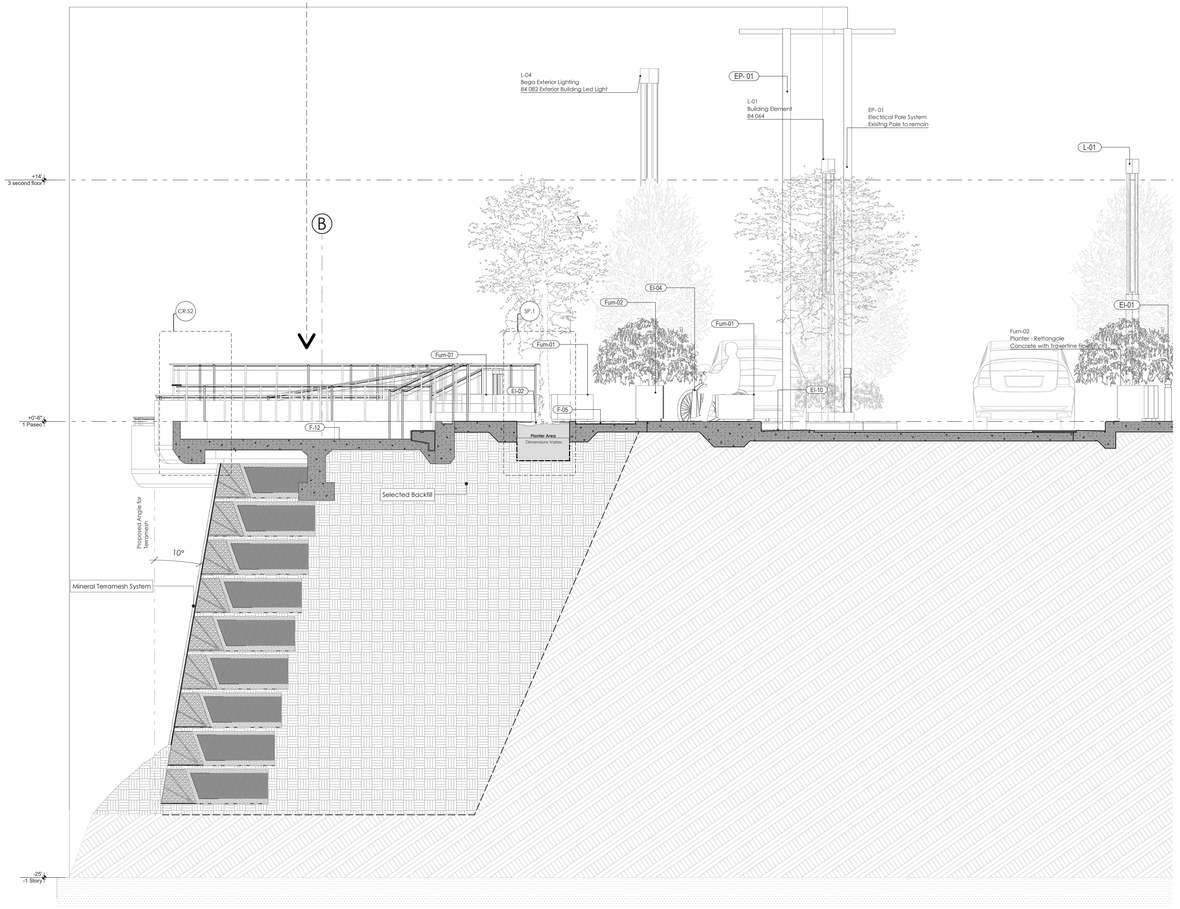
Area Details



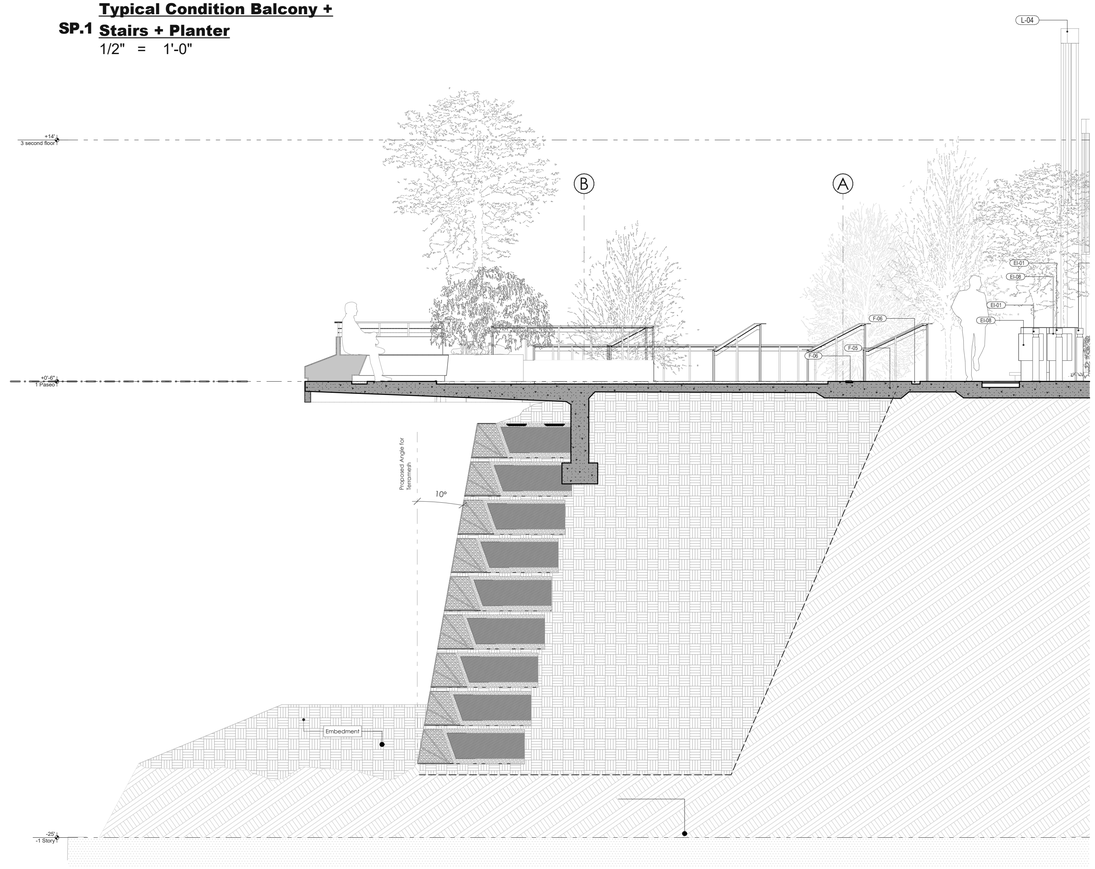
CR.S2 **C Railing Base C.B**
3/4" = 1'-0"

CR.S1 **C Railing Base C.A**
3/4" = 1'-0"

SP.1 **Typical Condition Balcony + Stairs + Planter**
1/2" = 1'-0"



SG.09 **General Section**
1/4" = 1'-0"



PC.1 **Central Plaza Section**
1/4" = 1'-0"

Rev/ID	CHD	Change Name	Date
01			4/17/2024

Eugenio Ramírez Ballagas
ARQUITECTO
LICENCIADO
LIC. #19796
PUERTO RICO

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Eugenio Ramírez Ballagas
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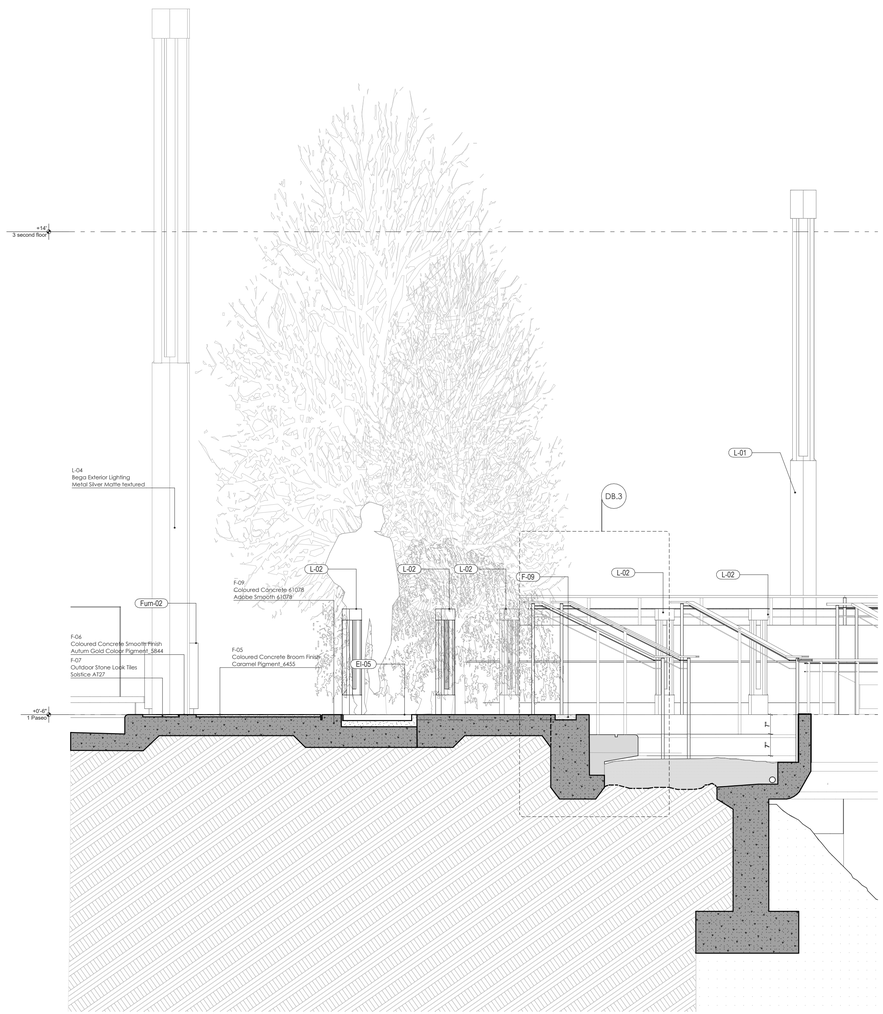
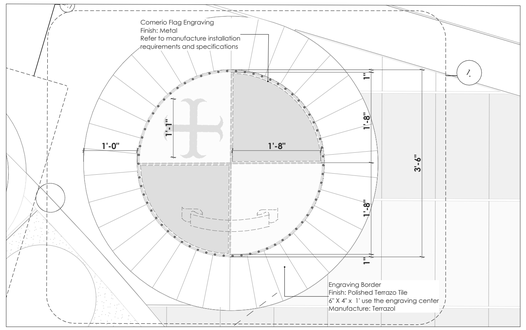
787-529-2262

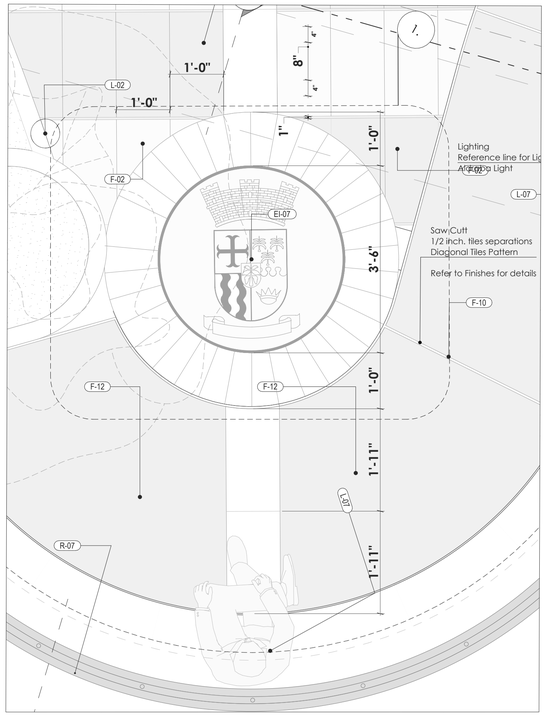
Certification:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y especificaciones, que he preparado la documentación que ellos contienen y que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción Públicos con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión de la Industria de la Construcción de 2004, según enmendada, conocida como la "Ley para la Inversión de la Industria de la Construcción de Puerto Rico", Ley Núm. 135 de 15 de mayo de 1958, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley de Profesionales de la Construcción" y la Ley Núm. 84 de 26 de junio de 2018, según enmendada, conocida como la "Ley para la Inversión de la Industria de la Construcción de Puerto Rico". Asimismo, certifico que en la preparación de estos planos y especificaciones se ha cumplido con la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, conocida como la "Ley para la Protección de la Propiedad Vehicular y Prevención de Conversión y Apropiación Ilegal de Vehículos de Motor", según enmendada.



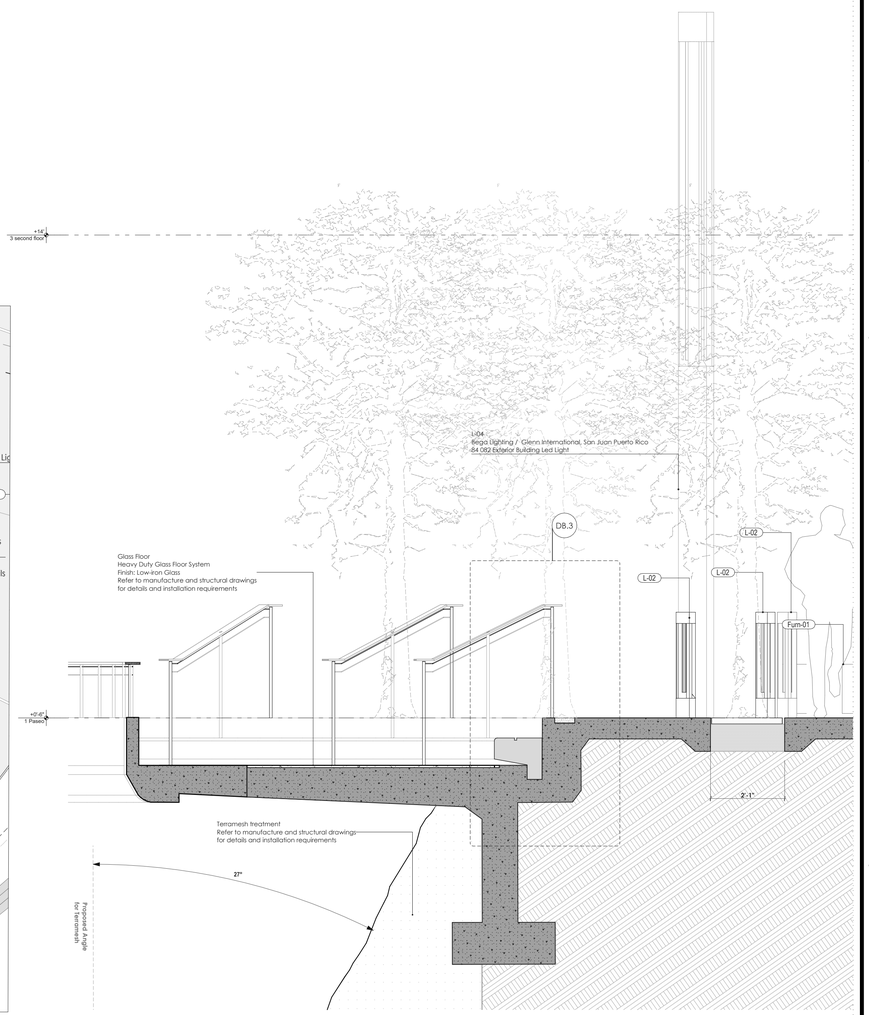
PC.3 **Central Plaza Enlarged Section**
1/2" = 1'-0"



1 **Floor Engraving Enlarged Detail**
3/4" = 1'-0"



2 **Floor Engraving Enlarged Detail**
3/4" = 1'-0"



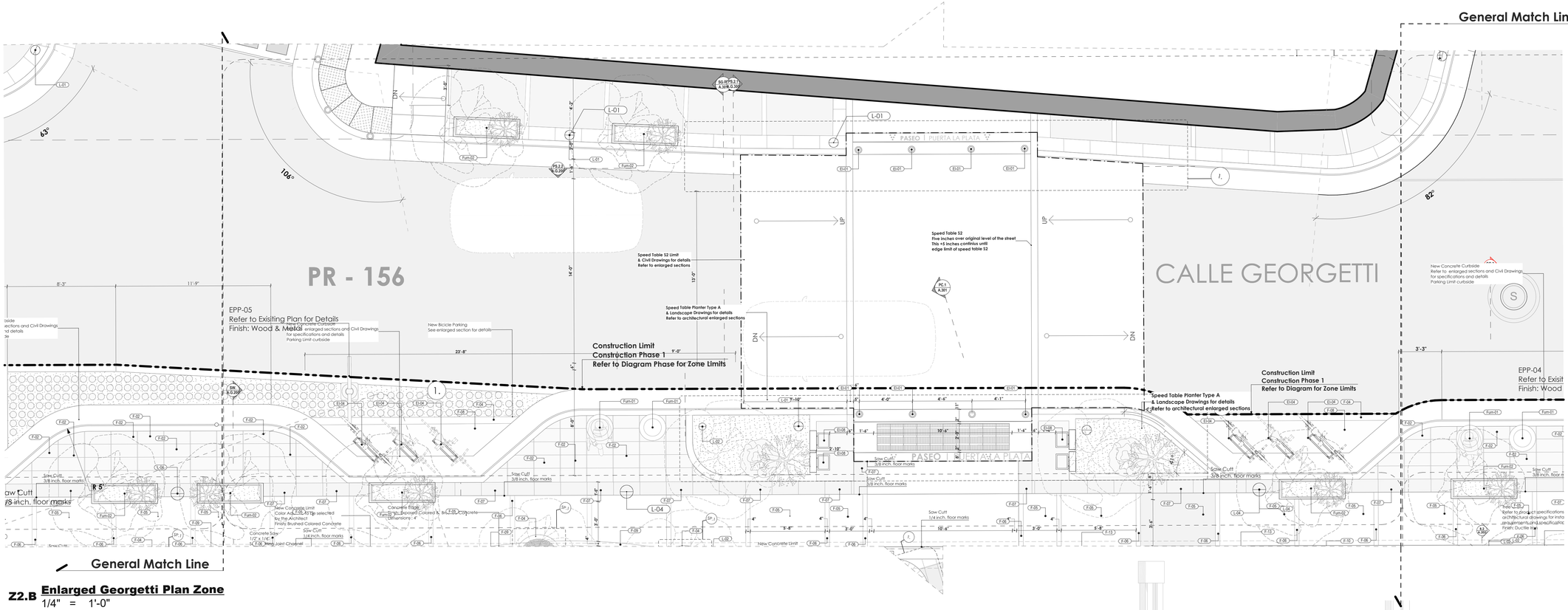
PC.2 **Central Plaza Enlarged Section**
1/2" = 1'-0"

Rev/ID	CHD	Change Name	Date
01			10/1/2024

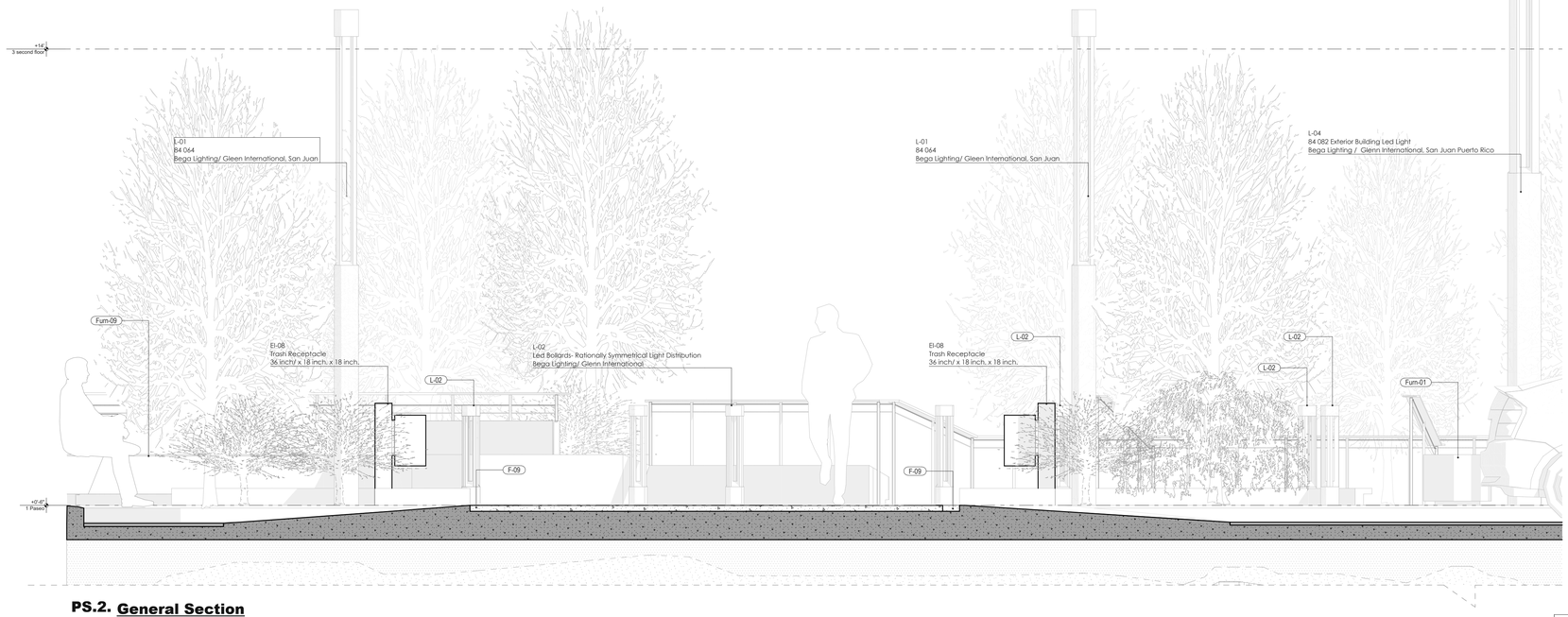
EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

E RBA
ARQUITECTURA

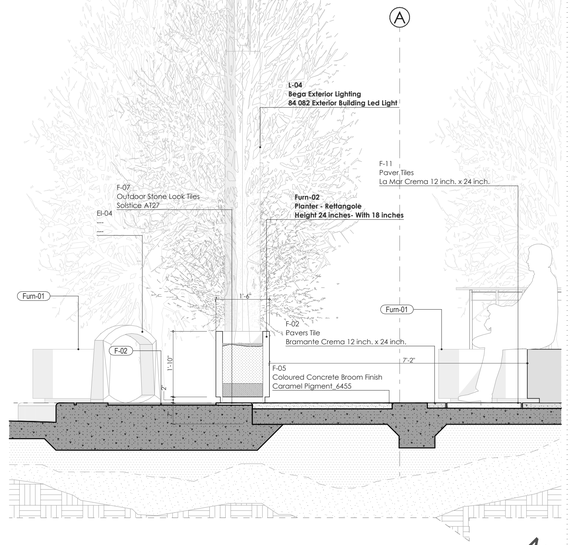
Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que estos planos y especificaciones son los que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos, y Codigos de Construcción de Puerto Rico y las Regulaciones Federales aplicables a Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido como la "Ley para la Investigación, Procesamiento y Adjudicación de Querellas de 2004, según enmendada, conocida como la "Ley para la investigación, procesamiento y adjudicación de querellas de 2004, según enmendada, y la Ley Num. 96 de 6 de julio de 1988, según enmendada, Ley Num. 96 de 6 de julio de 1988, según enmendada, Ley Num. 96 de 6 de julio de 1988, según enmendada,



Z2.B **Enlarged Georgetti Plan Zone**
1/4" = 1'-0"



PS.2. **General Section**
2 1/2" = 1'-0"



SW. **Georgetti + Side Walks**
1/2" = 1'-0"

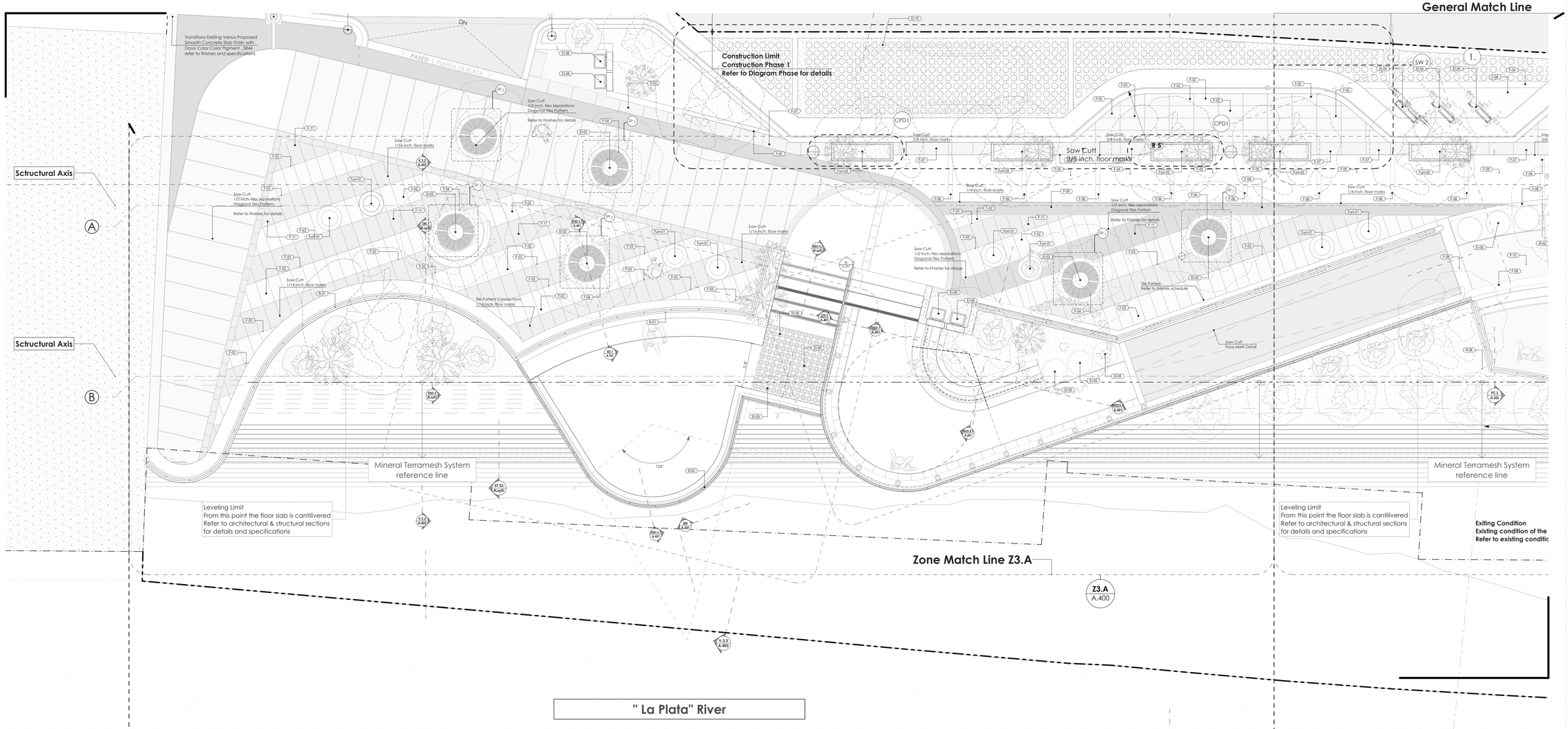
10' 8' 6' 4' 2' 0 5' 10' 15' 20' 25'

Rev/ID	CHD	Change Name	Date
01			10/1/2024

ARQUITECTO LICENCIADO
EUGENIO RAMÍREZ BALLAGAS
LIC. #19796
PUERTO RICO

ERBA
ARCHITECTURE + DESIGN
PUERTO RICO
www.erba.pr

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, Arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión en la Construcción Responsable de 2004, según enmendada, conocida como la "Ley para la Inversión en la Construcción Responsable de 2004", según enmendada, la Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley de Propiedad Horizontal de 1988", según enmendada, y la Ley Núm. 130 de 8 de mayo de 1958, según enmendada, conocida como la "Ley de Reglamentos Uniformes para Contratos y Concursos Públicos",



Plaza Central & Miradero
Z3.A Enlarged Zone Plan

1/4" = 1'-0"

Note:

1. The boundaries set by the "Autoridad de Carreteras" (ACT) and its rules must be followed by any construction done close to the structural zone of the bridge that forms PR 740 Street. For more information, see the structural and architectural drawings.

2. **Ordinary High Water** mark is a line established by the Board of Engineers for reference of water limits according to the reference zone. For more details refer to the civilian cross sections for exact location and height points.

Note: Landscape

1. The zones identified as planters or gardens refer to lanscape drawings for more information regarding solid materials to be used as well as the location of plants or vegetative materials for each predetermined zone.

Note: Light | Electrical

1. The existing luminaire or power line must remain in the same location as indicated on the existing conditions drawings. In the case of proposed new connections as well as existing conditions refer to the electrical drawings to identify the main connections as well as the number of units in each zone.

10' 8' 6' 4' 2' 0 5' 10' 15' 20' 25'

Issued	CHKD	Change Name	Date
			10/1/2024

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EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
Eugenio Ramírez Ballagas
ARQUITECTO
PO BOX 2284
SAN JUAN PR 00922-2284
787-529-2284

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park

Project Info:
Cadastre: 082-000-005-67
PR # PRX-2490-0005670
Project # 2490.2023
10/1/2024 | 3:00 PM

Drawing Name:
Architectural
ZONE 3 Corridor + Miraderos
Plaza Central & Miradero Enlarged Zone Plan

Drawing Scale: **1/4" = 1'-0"**

Drawing Status: **Design Development 60%- ISSUED FOR PERMIT**

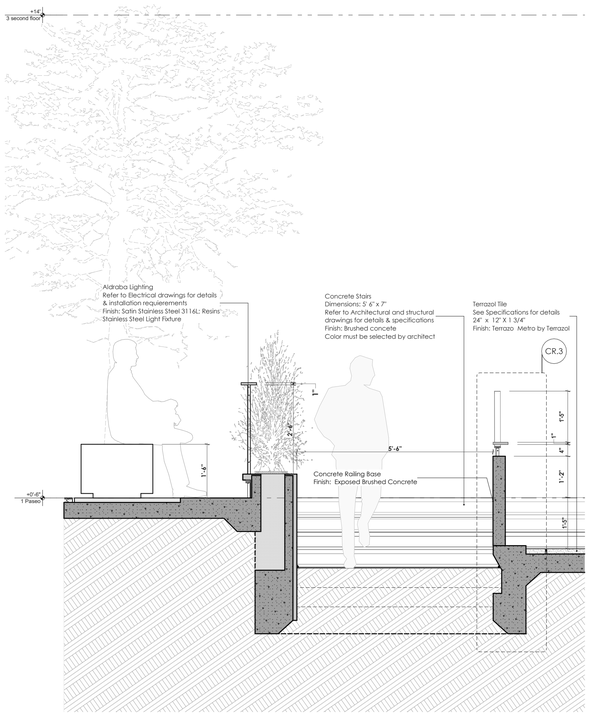
Layout ID:
A.400

Revision:
01

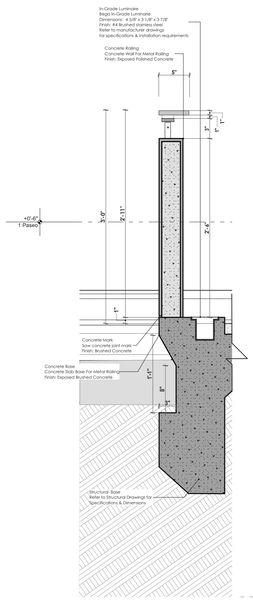
Modified by:

Checked by:

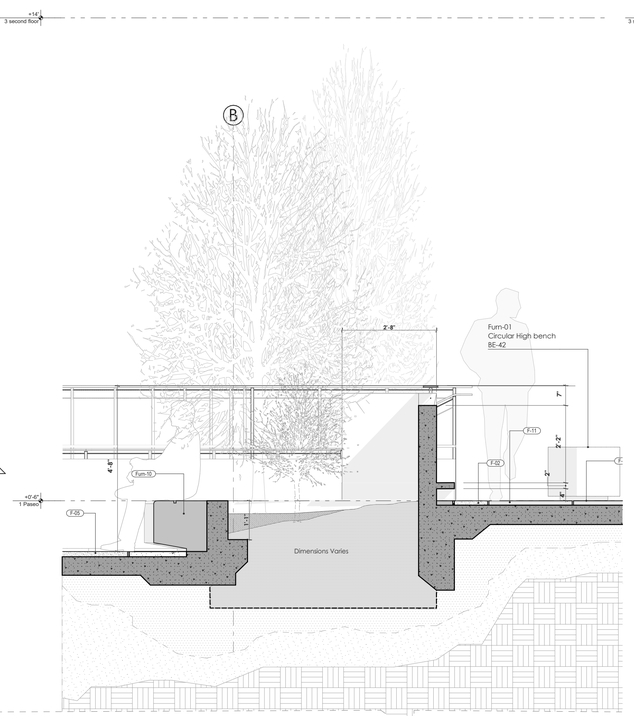
Approved by



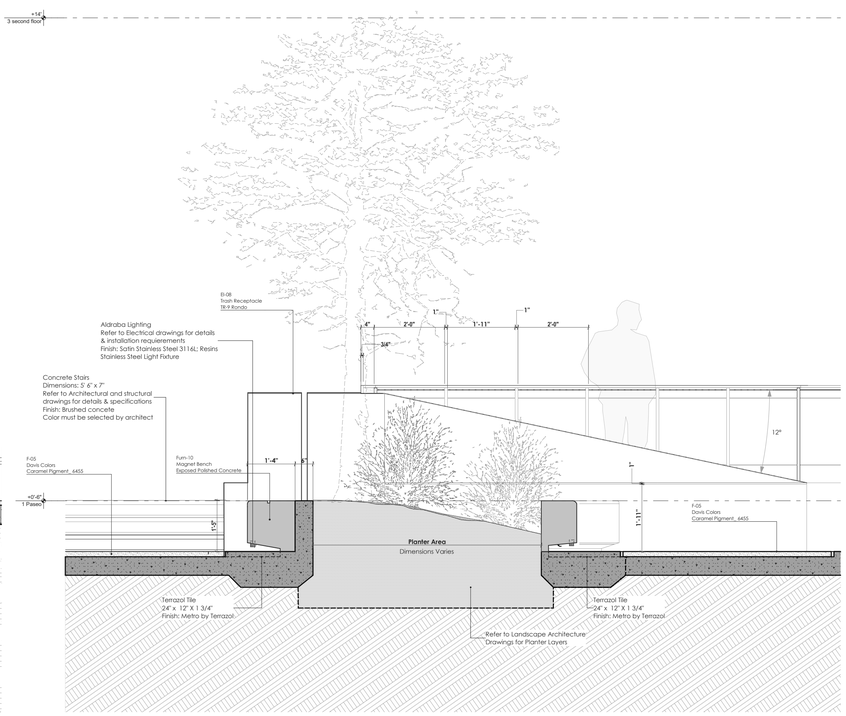
BSD.1 **Balcony Enlarged Section**
1/2" = 1'-0"



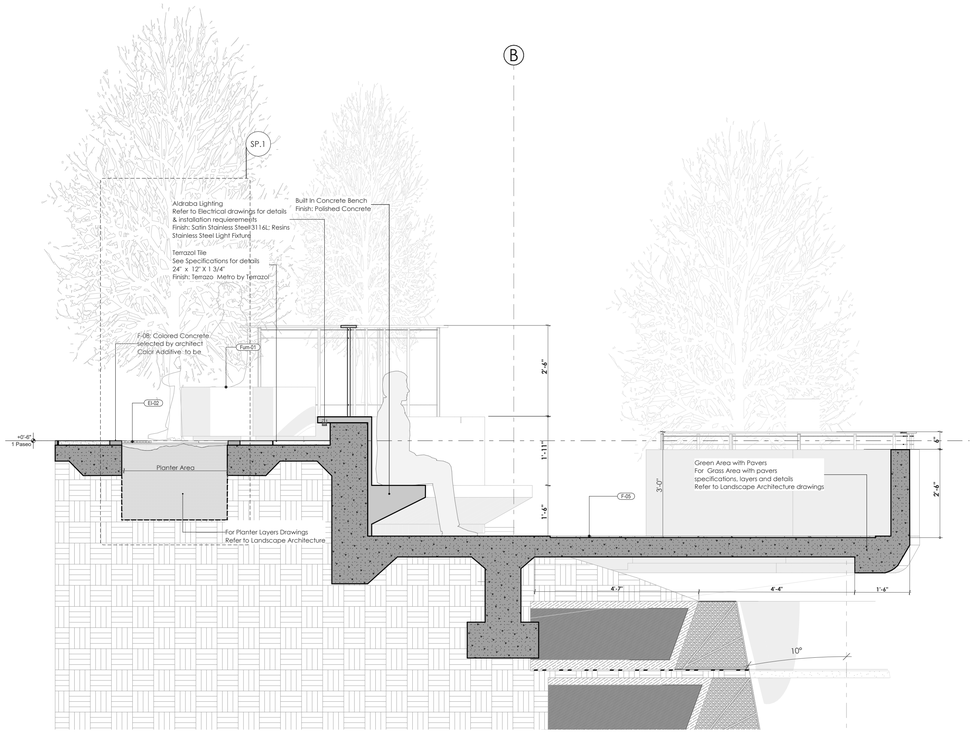
CR.3 **Concrete Rainling Base**
1" = 1'-0"



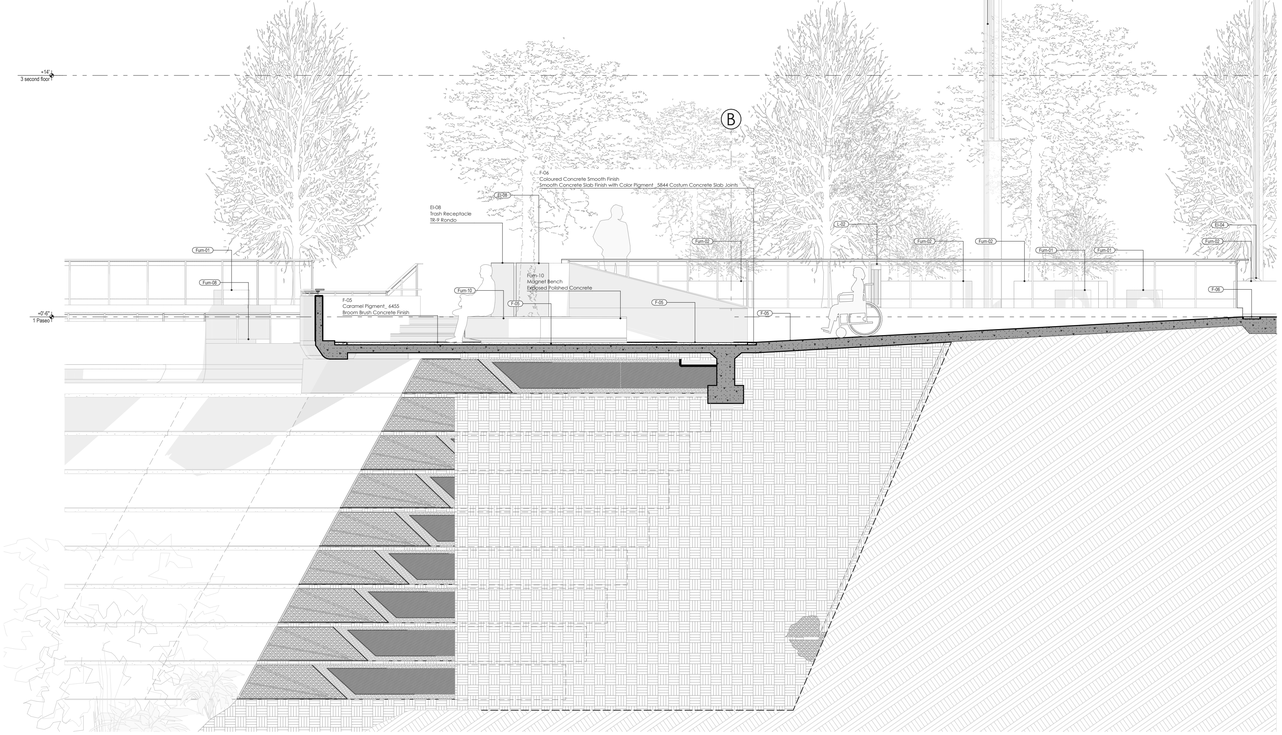
BSD.3 **Balcony Planter + Bench**
.5 1/2" = 1'-0"



BSD3. **Balcony Stairs +Planter**
4 **Connections**
1/2" = 1'-0"



V.3.1 **Balcony Enlarged Section**
1/2" = 1'-0"



BR 3 **Balcony Ramp Section**
1/4" = 1'-0"

Rev/ID	CHD	Change Name	Date
01			10/15/2024

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ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
ARQUITECTURA
PUERTO RICO

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Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
#Client Address
Comerio | PR

Project Info:
Cadastre: 092-000-003-67
P.F. #: PFE-24-000570
Project #: 2024-004
10/1/2024 | 3:00 PM

Drawing Name:
Architectural
ZONE 3 Corridor Sections
Balcony Enlarged Section, Balcony Stairs +Planter Connections, Concrete Railing Base, Balcony Planter + Bench, Balcony Ramp Section

Drawing Scale:
1/2" = 1'-0", 1" = 1'-0", 1/4" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

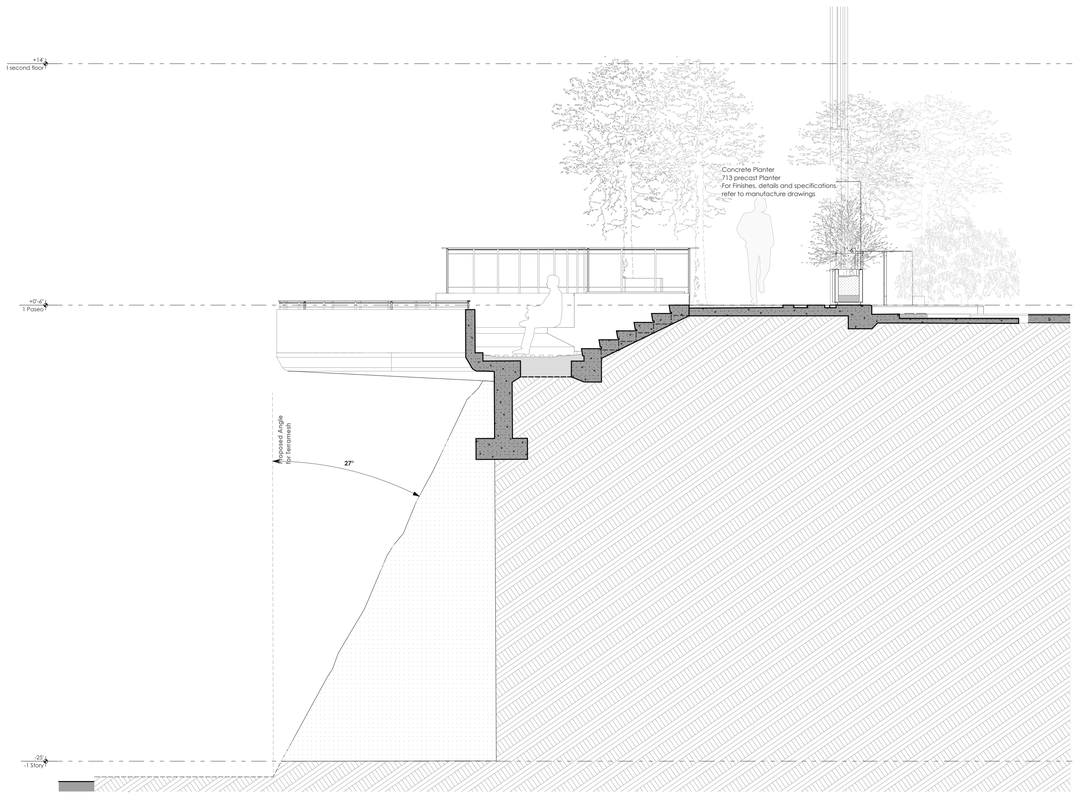
Layout ID:
A.401

Revision:
01

Modified by:

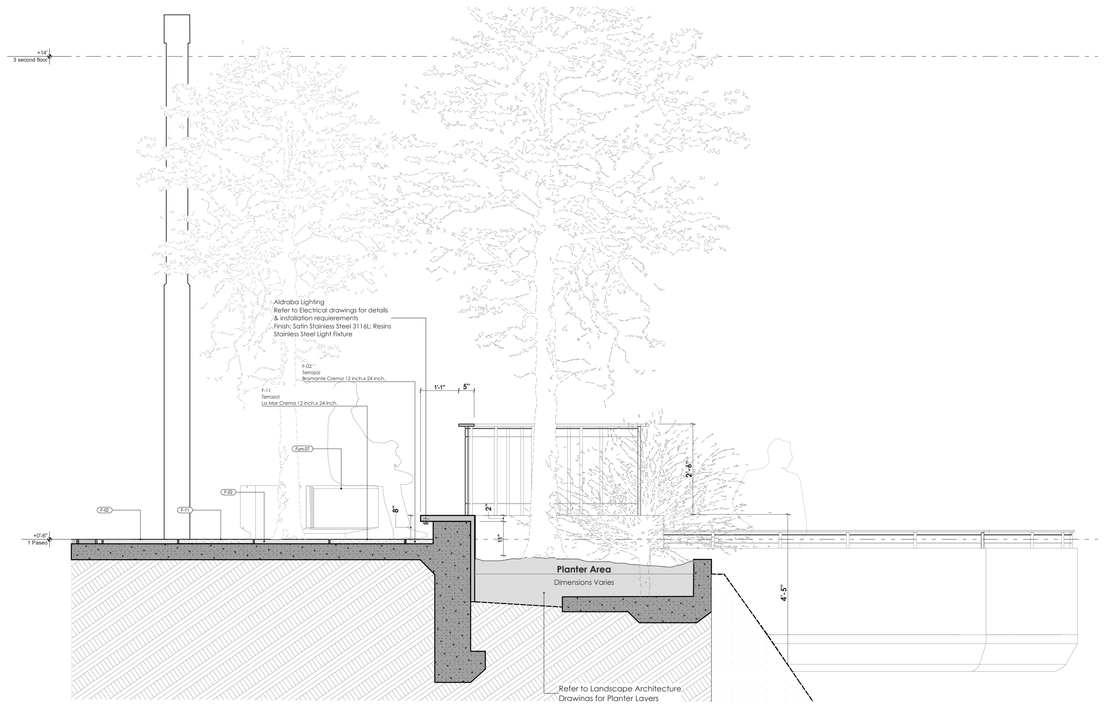
Checked by:

Approved by



V.3.3 Balcony Section

1/4" = 1'-0"



V.3.2 Balcony Enlarged Section

Date:

Rev/D	Ch'd	Change Name

EUGENIO RAMÍREZ BALLAGAS
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LICENCIADO
LIC. #19796
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ARQUITECTURA
PARTE 2064
787.396.0000
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Certificacion:

Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y las especificaciones que aparecen en el mismo, y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Uso de Puerto Rico y de los Municipios y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación de Incidentes de Violencia de Mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Investigación de Incidentes de Violencia", y con la Ley Núm. 213 de 12 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Investigación de Incidentes de Violencia", y con la Ley Núm. 213 de 12 de mayo de 1938, según enmendada, conocida como la "Ley para la declaración falsa o falsificación de los hechos que se haya producido por palabra, o por medio de cualquier escrito, ya sea por mi, mi hijo o responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:

Comerio Water Front Park

107 Calle Georgetti
#Site Address2
Comerio - PR

Client:

Municipality of Comerio Waterfront Park.
#Client Company
11 Calle Jose de Diego
Comerio | PR

Project Info:

Catastro: 092-000-005-67
ID: PR-2400570
Permit: 2400570
10/1/2024 | 3:00 PM

Drawing Name:

Architectural
ZONE 3 Corridor Sections
Balcony Section, Balcony Enlarged Section

Drawing Scale:

1/4" = 1'-0", 1/2" = 1'-0"

Drawing Status:

Design Development 60%- ISSUED FOR PERMIT

Layout ID:

A.402

Revision:

Modified by:

Checked by:

Approved by

General Match Line

Zone Match Line Z3.B

Z3.B
A.G.300

CALLE GEORGETTI

PR - 156

Construction Limit
Construction Phase 1
Refer to Diagram Phase for Zone Limits

EPP-06
Refer to Exisiting Plan for Details
Finish: Wood & Metal

EPP-05
Refer to Exisiting Plan for Details
Finish: Wood & Metal

Construction Limit
Construction Phase 1
Refer to Diagram Phase for details

Transitions Existing Versus Proposed Smooth Concrete Slab Finish with Dovis Color Color Pigment 5644 refer to finishes and specifications

PASEO | PUERTA LA PLATA

New Concrete Curbside
Refer to enlarged sections and Civil Drawings for specifications and details
Parking Limit curbside

New Concrete Limit
Color Additive to be selected by the Architect
Finish: Brushed Colored Concrete

Saw Cutt
1/2 inch. Saw Decorations
Diagonal Rectangle Pattern
Refer to Finishes for details

Saw Cutt
1/16 inch. floor marks

Saw Cutt
3/8 inch. floor marks

Saw Cutt
1/4 inch. floor marks

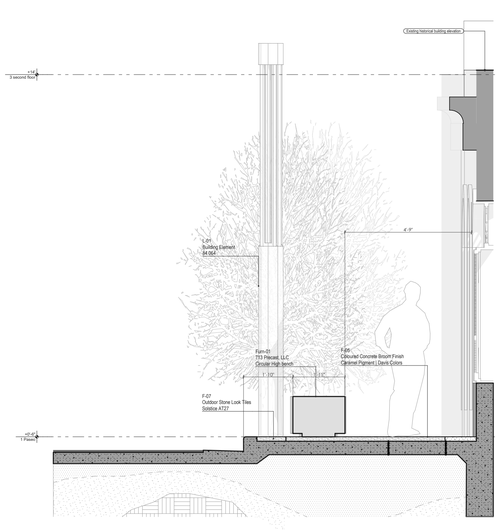
Concrete Slope

Speed Table S3 Limit
& Civil Drawings for details
Refer to enlarged sections

Sctructural Axis

G.M.L

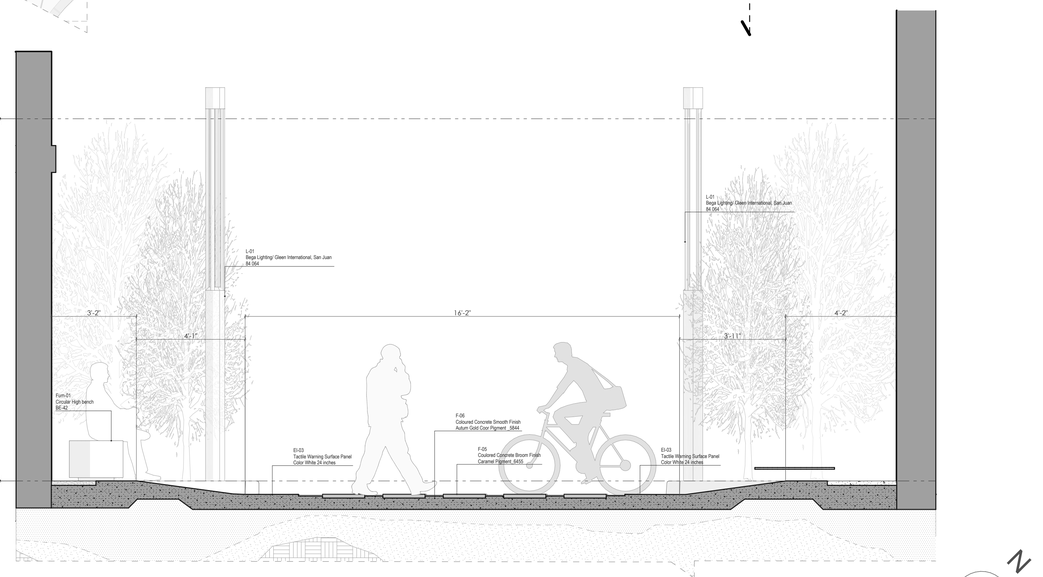
ZB.3 Enlarged Georgetti Plan Zone
1/4" = 1'-0"



TES-1 Tueste Enlarged Section
3/8" = 1'-0"

Side Walk Tueste Side
3/8" = 1'-0"

Cross Walk Section Type 1
3/8" = 1'-0"



10' 8' 6' 4' 2' 0 5' 10' 15' 20' 25'

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, Arquitecto licenciado, numero 736**, certifico que soy el profesional que diseño estos planos y especificaciones, que he cumplido con las disposiciones aplicables de los Reglamentos y Codigos de Corporaciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley Num. 96 de 6 de julio de 2004, segun enmendada, conocida como la "Ley para la Invención de la Edificación Isla" y Reglamento de Construcción adoptado por virtud de la misma, ya sea por mi mismo o por inspectores por mi designados. Me reservo el derecho a hacer cualquier aclaración que sea necesaria y responsable de cualquier acción judicial y disciplinaria por la CIPR.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Project Info:
Cadastre: 092-000-005-67
PR #: PRC-20P-000570
Project #: 2020-003

Client:
Municipality of Comerio Waterfront Park
#Client Company
#Client Address
Comerio | PR

Drawing Name:
Architectural
ZONE 3 Calle Georgetti & Typical Sections
Enlarged Georgetti Plan Zone, Tueste _ Enlarged Section, Side Walk Tueste Side, Cross Walk Section Type 1, Speed Table Cross Walk Condition Type 1

Drawing Scale:
1/4" = 1'-0", 3/8" = 1'-0", 1/2" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

10/1/2024 | 3:00 PM

Layout ID:
A.G.300

Revision:
01

Modified by:

Checked by:

Approved by

Rev/ID	CHD	Change Name	Date
01			10/1/2024

General Match Line

Construction Limit
Construction Phase 2
Refer to Diagram Phase for Zone Limits

Construction Limit
Construction Phase 1
Refer to Diagram for Zone Limits

CALLE LUIS MUÑOZ RIVERA

CALLE GEORGETTI

CALLE GEORGETTI

CALLE GEORGETTI

PASEO PEATONAL A LA PLAYA

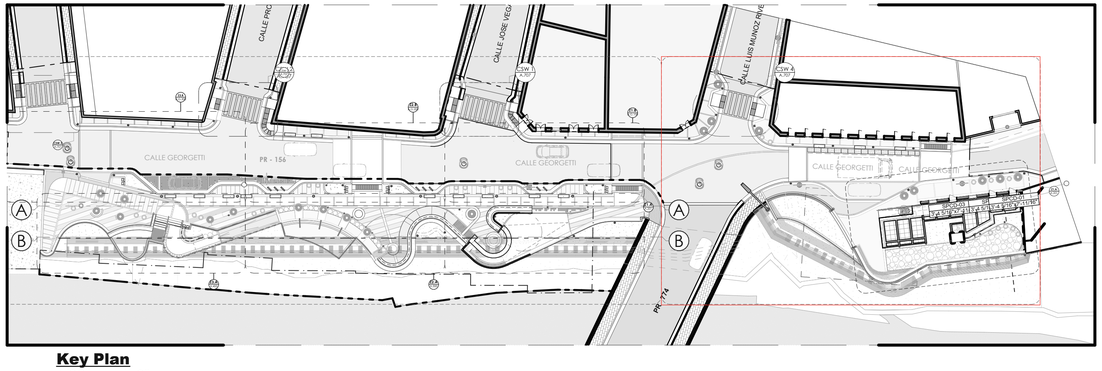
SPD A.603

SPD A.603

SPD A.603

G.M.L

B East Side Corridor_ Enlarged Plan
1/8" = 1'-0"



Key Plan
1/32" = 1'-0"

10" 8" 6" 4" 2" 0 5' 10' 15' 20' 25'

Date:
01/10/2024

Rev/ID | CHD | Change Name

Certificacion:
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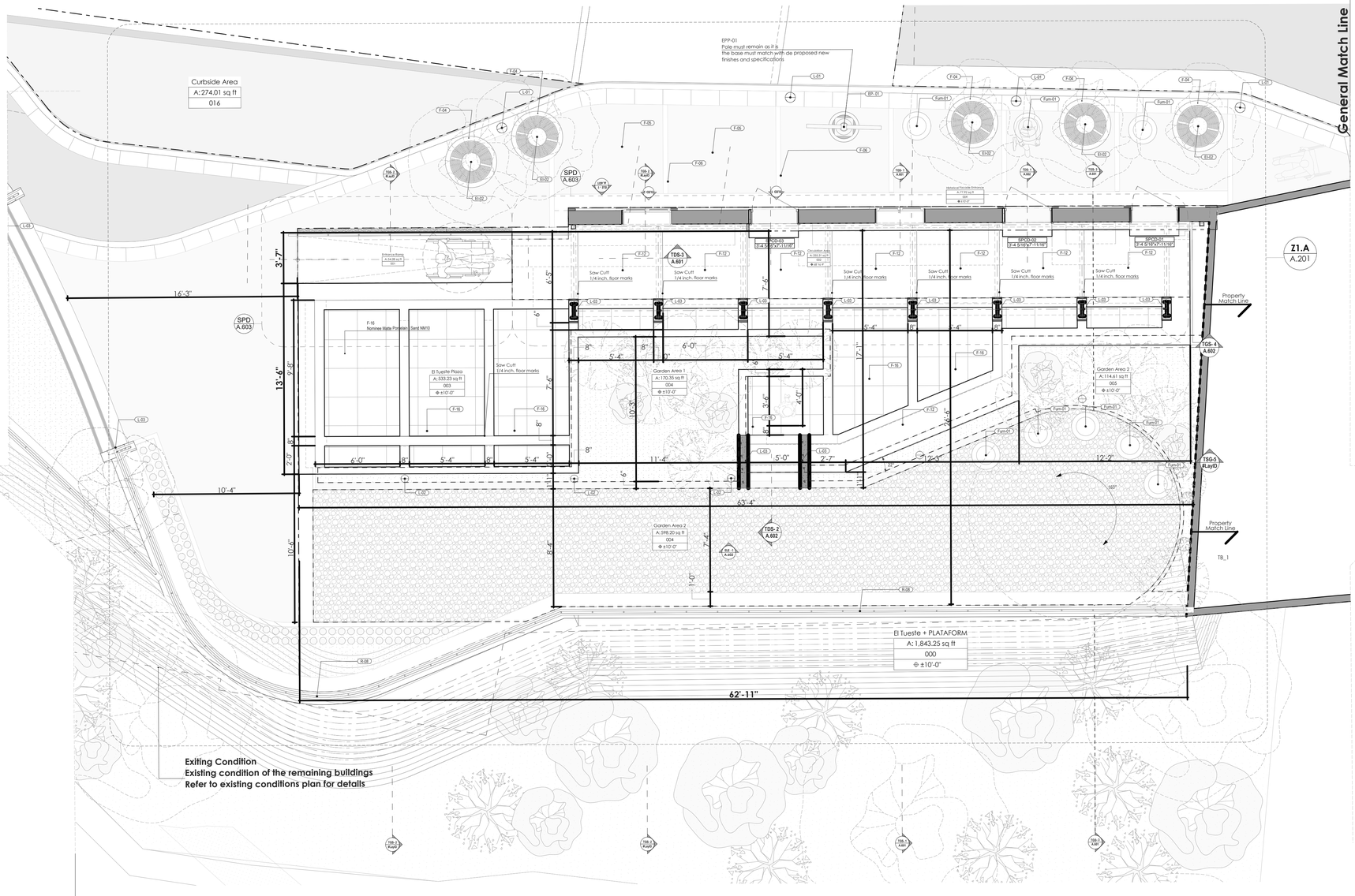


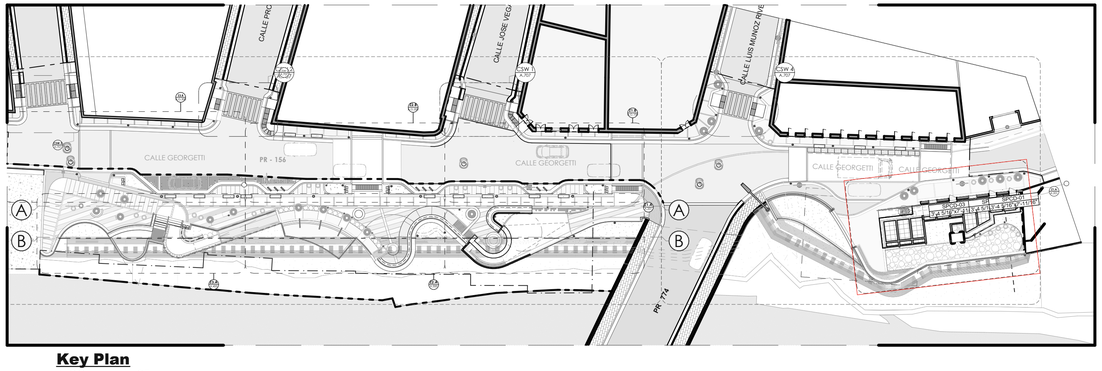
East Side Corridor_ Floor Plan
1/4" = 1'-0"

G.M.L

El Tueste_ Plataform Zone Areas			
Home Story Name	**Zone Number**	**Zone Name**	**Calculated Area**
Paseo			
	001	Entrance Ramp	54.28
	002	Circulation Area	258.81
	003	El Tueste Plaza	533.01
	004	Garden Area 1	179.96
	004	Garden Area 2	598.22
	005	Garden Area 2	125.39
	006	Historical Facade Entrance	77.92
			1,827.59 ft²

El Tueste General Area	
Zone Name	Calculated Area
Curbside Area	274.01
El Tueste + PLATAFORM	1,843.03
	2,117.04 ft²

Important Note: El Tueste General Area is the only table of Areas in this zone wich includes de walls of the zones in the calculated area summatory.

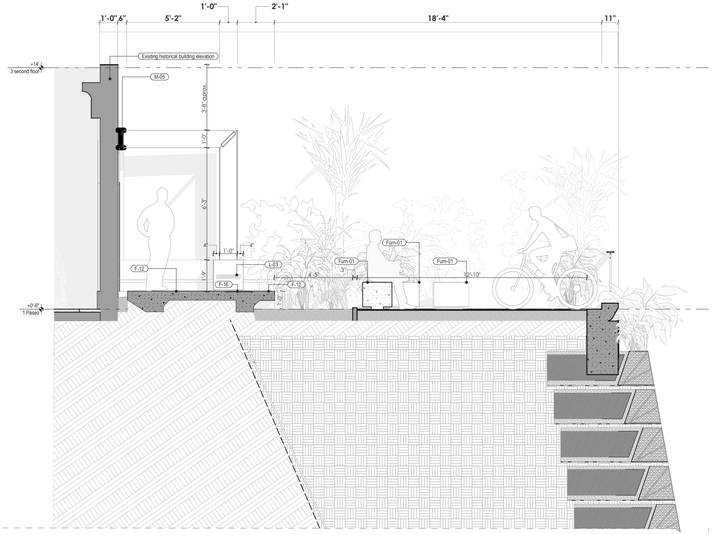


Key Plan
1/32" = 1'-0"

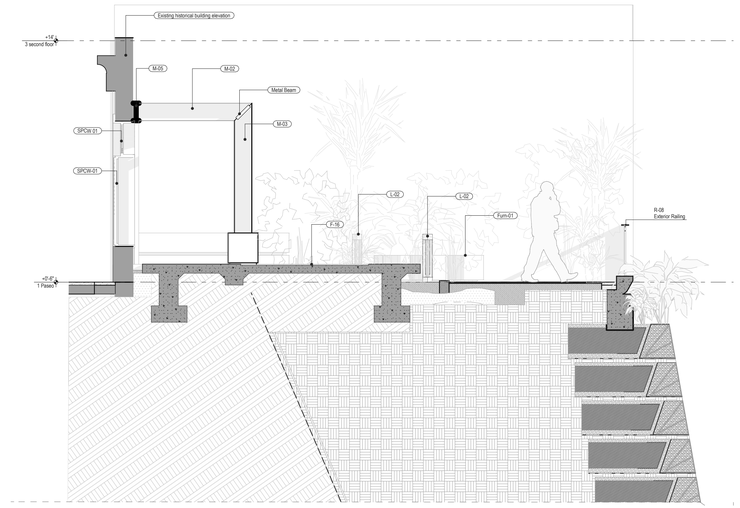
10' 8' 6' 4' 2' 0 5' 10' 15' 20' 25'

Date:
Change Name:
CHKD
By/mDD

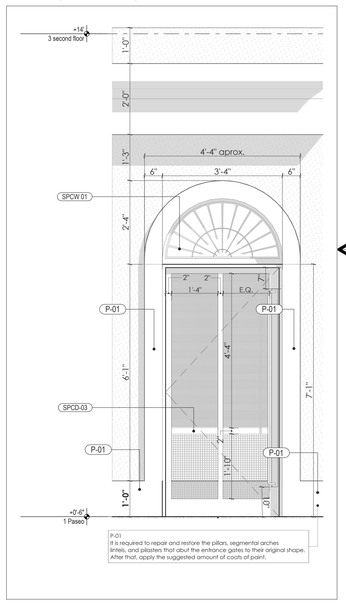
Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y especificaciones, que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción vigentes en la Jurisdicción, y que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Protección de la Propiedad Vertical, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Protección de la Propiedad Vertical de Puerto Rico", y con la Ley de Condominios de Puerto Rico, según enmendada, Ley Núm. 104 de 25 de junio de 1958, según enmendada.



TGS-3 **General Section**
1/4" = 1'-0"



TGS-1 **Tueste_General Section**
1/4" = 1'-0"



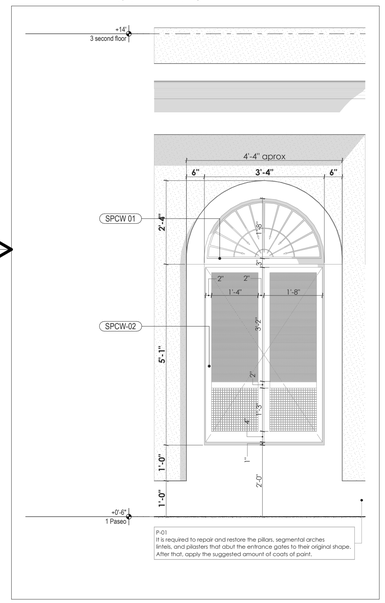
ELED **Door Elevation Detail**
1 1/2" = 1'-0"

Doors and Windows

Note:

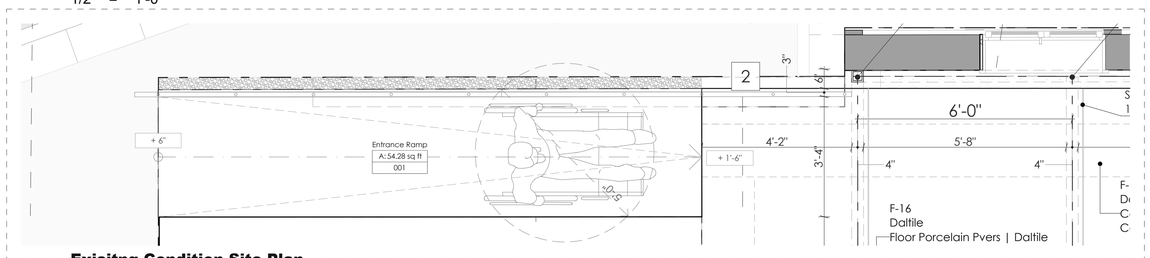
1. The new finishes and materials to be used may have an impact on the proportions of the doors and windows of the existing historic façade that needs to be restored, as well as the apertures where they will be positioned. The C.G. must confirm these details. Both the internal engraving details and the holes in these doors must match the specifications shown in the elevation drawings.

2. The semi-circular sales on top of the windows are referred to as SPW [Special Windows]. These must always be removed and safeguarded while according to all accepted conservation and restoration guidelines, standars and recommendations that are relevant to this area.



ELED **Window Elevaion Detail**
2 1/2" = 1'-0"

TDS-3 **TDS-3 Tueste_ Ramps Detail**
1/2" = 1'-0"



6 **Exisitng Condition Site Plan**
1/2" = 1'-0"



THF 1 **Historical Facade _ El Tueste**
1/4" = 1'-0"

Date	Change Name	CHKD	Rev/ID
4/17/2024			01

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que la información provista es la que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Uso de Puerto Rico que se encuentran vigentes al momento de preparar estos planos y especificaciones y que en la preparación de estos planos y especificaciones se ha cumplido con todas las disposiciones aplicables de la Ley Num. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Profesión de Arquitectura y Arquitectura Paisajista de Puerto Rico", la Ley Num. 173 de 12 de mayo de 1938, según enmendada, la Ley Num. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Profesión de Ingeniería y Agrimensura de Puerto Rico" y que en la declaración falsa o falsificación de los hechos que se haya producido por dolo, culpa o negligencia ya sea por mi, mis representados, empleados o personas bajo mi supervisión profesional y disciplinaria por la CIPPe.

ARQUITECTO LICENCIADO
EUGENIO RAMÍREZ BALLAGAS
LIC. #19796
PUERTO RICO

EMRBA
EUGENIO M. RAMIREZ BALLAGAS ARCHITECT
SUITE 204
1353 AVE. ASHFORD
SAN JUAN, PR 00907

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park

Project Info:
Cadastre: 002-000-005-67
ID: FPR-20-2005570
Permit #: 2024-0
10/1/2024 | 3:00 PM

Drawing Name:
Architectural
Architectural Sections_ El Tueste
Tuesta _General Section, General Section, Historical Facade _ El Tueste, Door Elevation Detail, Window Elevation Detail, TDS-3 Tueste_ Ramps Detail, Existing Condition Site Plan

Drawing Scale:
1/4" = 1'-0", 1/2" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

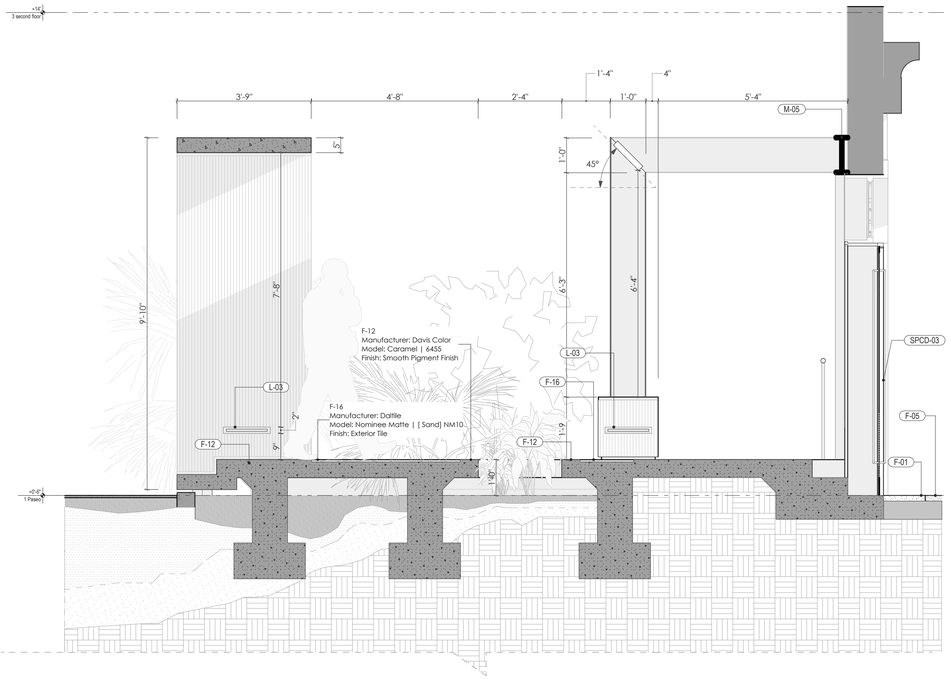
Layout ID:
A.601

Revision:
01

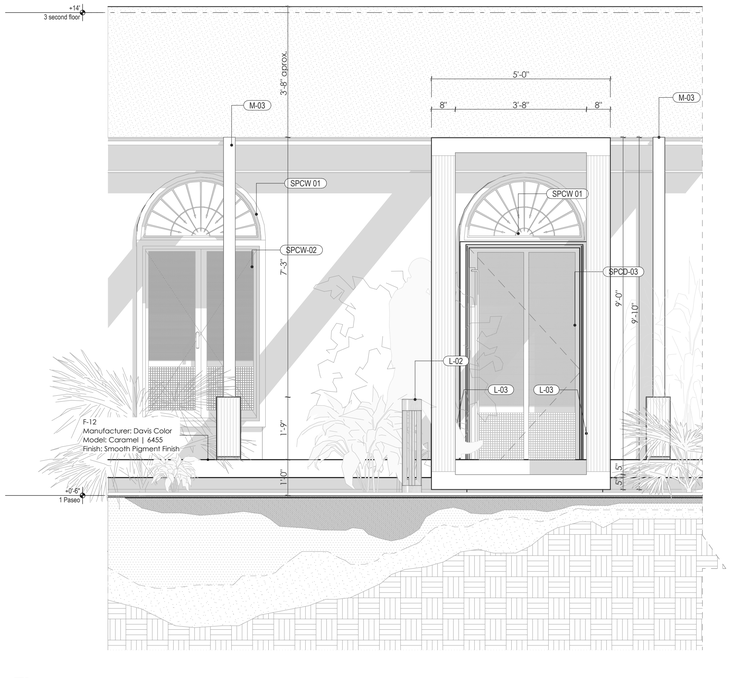
Modified by:

Checked by:

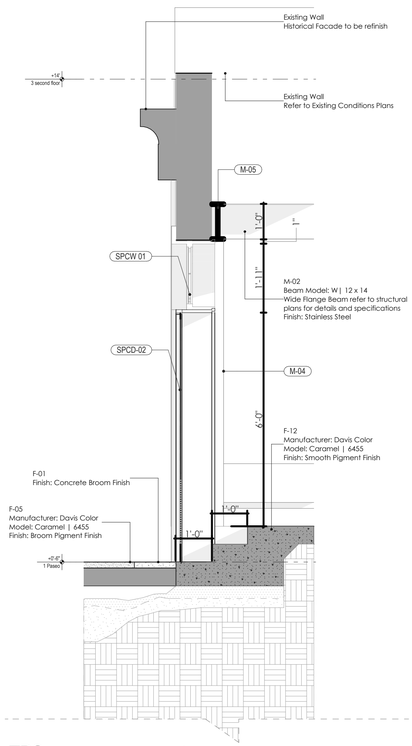
Approved by



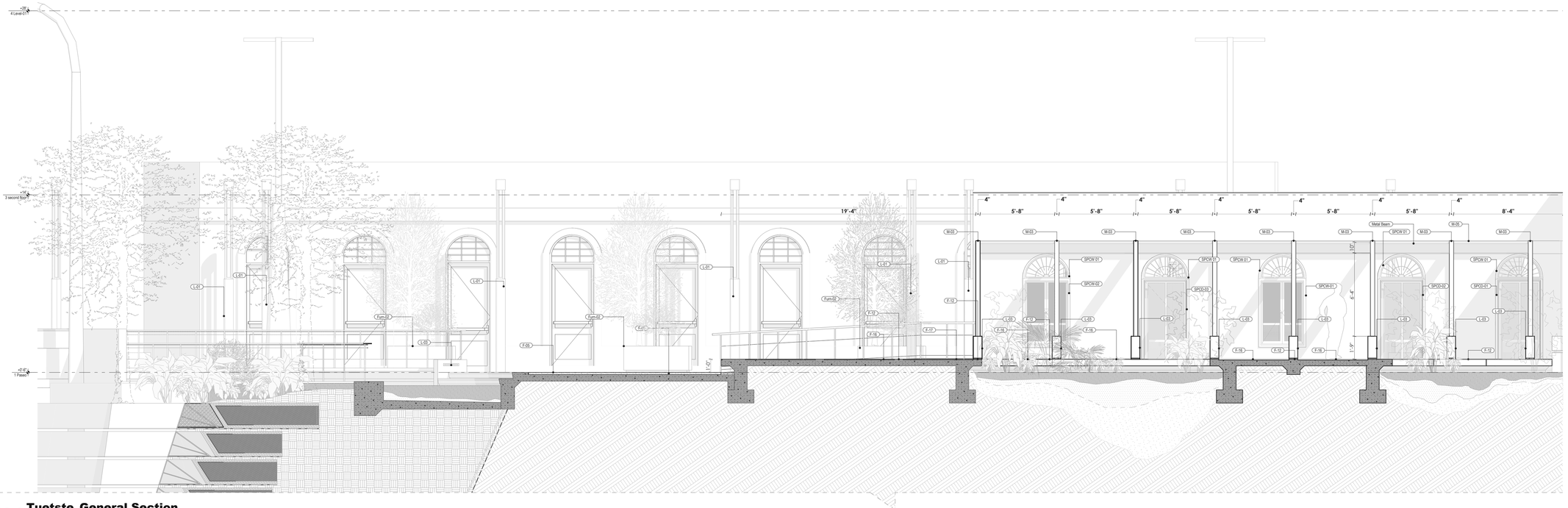
Sec **Historical Portal**
1.2 1/2" = 1'-0"



Elev **Historical Portal**
1.2 1/2" = 1'-0"



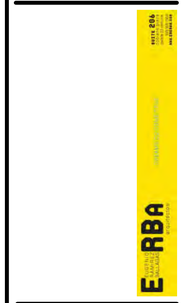
TDS- **Tueste Detail Section Door**
1 1/2" = 1'-0"



TGS-4 **Tuetste General Section**
1/4" = 1'-0"

Date:
Rev/ID | CHD | Change Name

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, y que a mi mejor conocimiento y entender que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construccion y Uso de Terrenos y Edificaciones de las Corporaciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación, Conservación y Protección de Propiedades Culturales, Ley Núm. 112 de 20 de julio de 2004, según enmendada, conocida como la "Ley para la Investigación, Conservación y Protección de Propiedades Culturales" y la Ley Núm. 96 de 6 de mayo de 1938, según enmendada, Ley Núm. 96 de 6 de mayo de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la declaración falsa o falsificación de los hechos que en hoya producido por dolosos, como por negligencia ya ese por mi, mi agente responsable de cualquier acción judicial y disciplinara por la OGPe.



Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Comentry
#1 Calle Diego de Diego
Comerio | PR

Project Info:
Cadastre: 002-000-005-67
ID # PFA-20-2-005070
Project # 2-2-2022
10/1/2024 | 3:01 PM

Drawing Name:
Architectural
Historical Facade & Section Details_ El Tueste
Historical Portal, Historical Portal - Tuestle_ Detail Section Door, Tuetste_General Section

Drawing Scale:
1/2" = 1'-0", 1/4" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

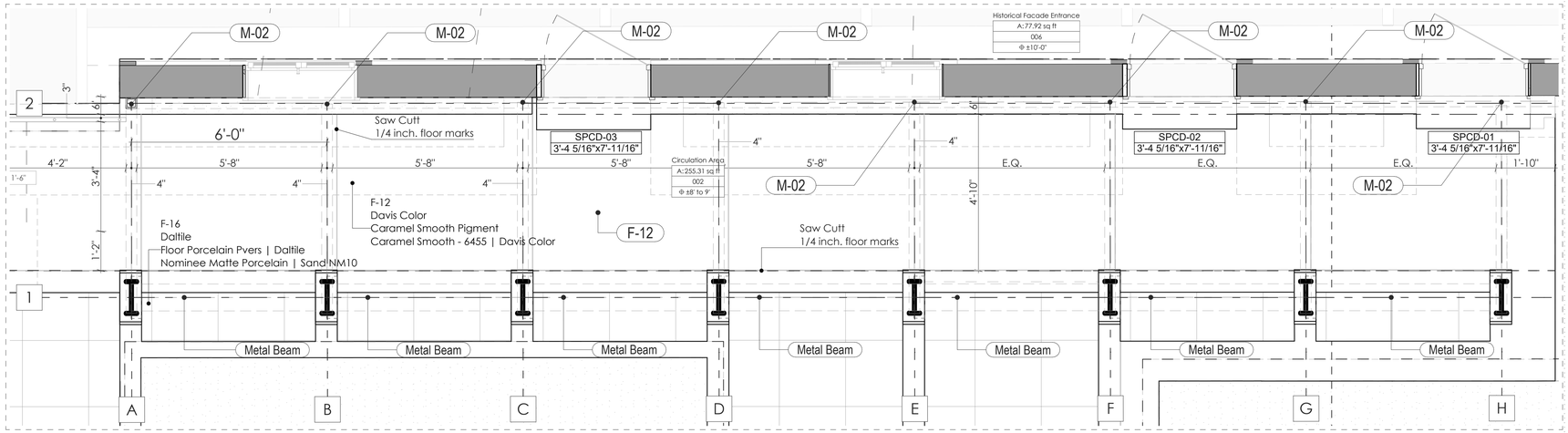
Layout ID:
A.602

Revision:

Modified by:

Checked by:

Approved by



SPD **Structural Enlarged Plan Detail**
1/2" = 1'-0"

Date:

Rev/ID | CHD | Change Name

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
ARCHITECTURE
PUERTO RICO

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que he preparado la documentación que anteceden que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos, y Codigos de Construcción de Puerto Rico y de las Agencias Gubernamentales y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación, Prevención y Penalidades de Incendios de 2004, según enmendada, conocida como la "Ley para la Investigación, Prevención y Penalidades de Incendios", Ley Núm. 96 de 6 de julio de 2004, según enmendada, y la Ley Núm. 313 de 24 de mayo de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Prevención de Incendios", por lo que he firmado la correspondiente declaración falsa o falsificación de los hechos que se haya producido por omisión, error o por negligencia con la intención de hacer creer que no he participado en la misma, no me hace responsable de cualquier acción judicial y disciplinara por la OGPe.

Layout ID:
A.603

Revision:

Modified by:

Checked by:

Approved by

Drawing Name:
Architectural
Architectural Structural Details_ El Tueste
Structural Enlarged Plan Detail

Drawing Scale: **1/2" = 1'-0"**

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
Project Info:
Cadastre: 062-000-005-67
ID: PR-2400300570
Permit: 2400300570

Author Company
1 Calle Jose de Diego
Comerio | PR



A **Historical Facade**
1:1.76



C **Tueste Plaza View**
1:1.76



B **Tueste Interior View**
1:1.76



D **Tueste Interior View**
1:1.76

Important Note: Render views are for reference only.
Contractor must consider drawings for construction

Layout ID:
A.609

Revision:
01

Modified by:

Checked by:

Approved by

Drawing Name:
Architectural
Tueste_ Tridimensional Views
Tueste Interior View, Historical Facade, Tueste Plaza View

Drawing Scale:
1:1.76

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
Puerto Rico Company
11 Calle Comercio Diego
Comerio | PR

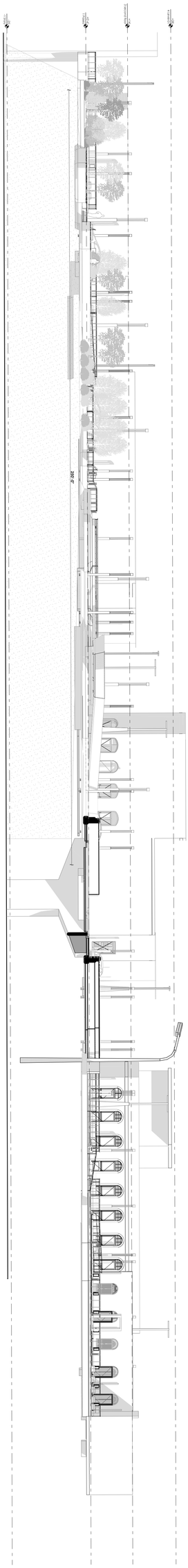
Project Info:
Cadastre 062-000-005-67
ID Nº: PRJ-2400570
Permit #: 2400570
10/1/2024 | 3:01 PM

Certification:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y especificaciones, y que he supervisado su preparación, que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Puerto Rico y de las Ordenanzas Municipales de las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación de Reclamaciones de Diseño de 2004, según enmendada, conocida como la "Ley para la Investigación de Reclamaciones de Diseño", 31 LPRA § 10621 et seq., y la Ley Núm. 96 de 6 de julio de 1988, según enmendada, y que hasta donde alcanza mi conocimiento y declaración fiel y fidedigna de los hechos que se haya producido ningún error, omisión o negligencia en esos planos, no hago responsable de cualquier acción judicial y disciplinaria por la OGPe.

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA

G.ELE River Elevation
1/16" = 1'-0"



Layout ID:
A.610

Revision:
01
Modified by:

Checked by:

Approved by

Drawing Name:
Architectural
General Elevation
River Elevation

Drawing Scale:
1/16" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

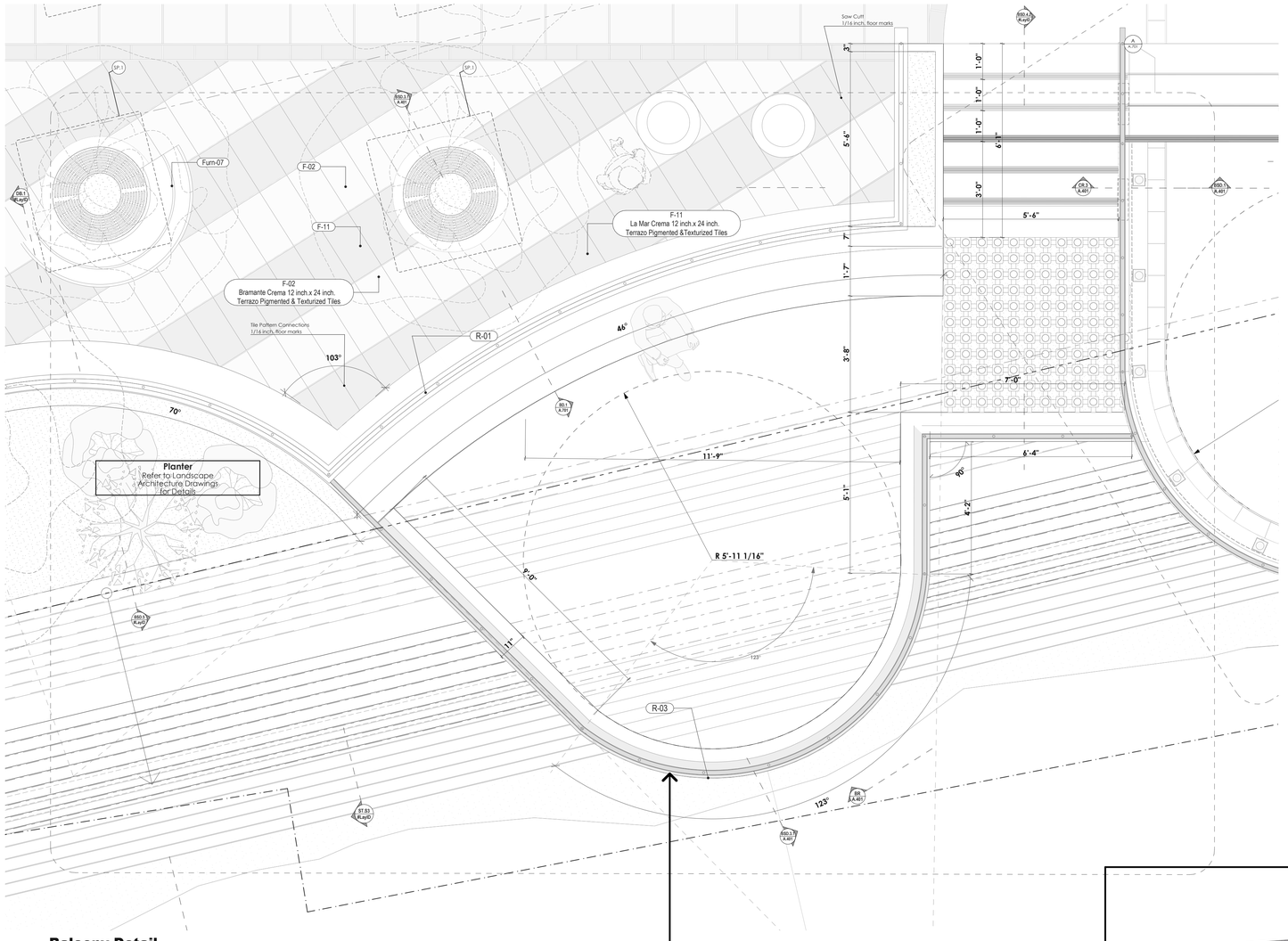
Project Info:
Cadestre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
10/1/2024 | 3:01 PM

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio | PR

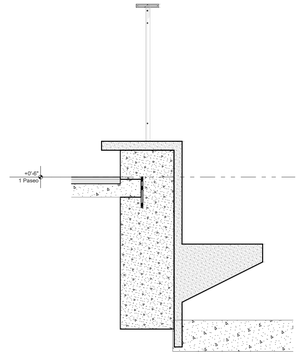
Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

EUGENIO RAMIREZ BALLAGAS
ARQUITECTO LICENCIADO
#19796
PUERTO RICO

Rev/D	Ch/D	Change Name	Date
01			4/30/2024

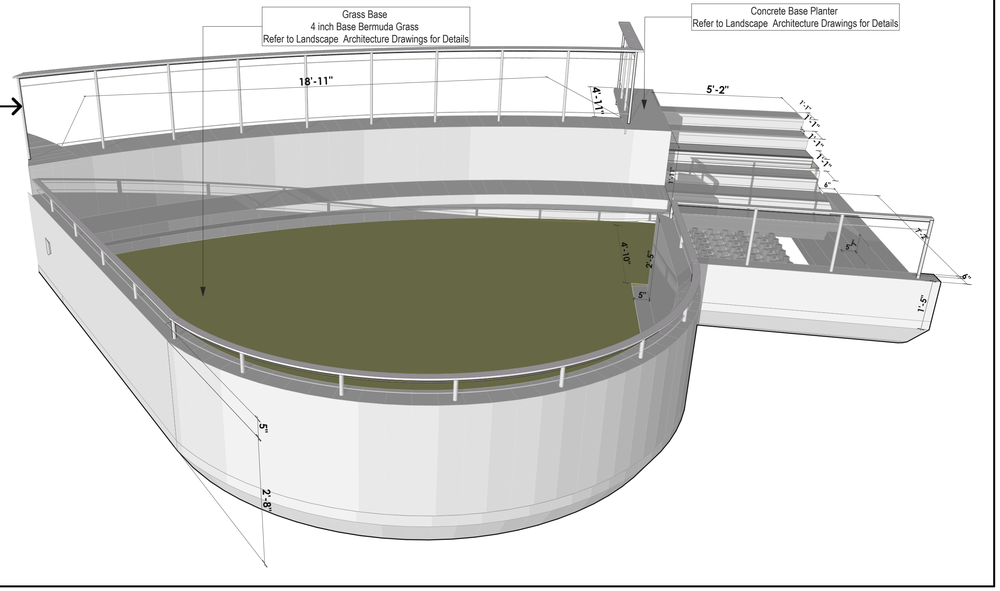


A **Balcony Detail**
1/2" = 1'-0"



BD **BD Bench Detail - Type B**
3/4" = 1'-0"

Balcony View



2 **Balcony & Stairs**
3/16" = 1'-0"

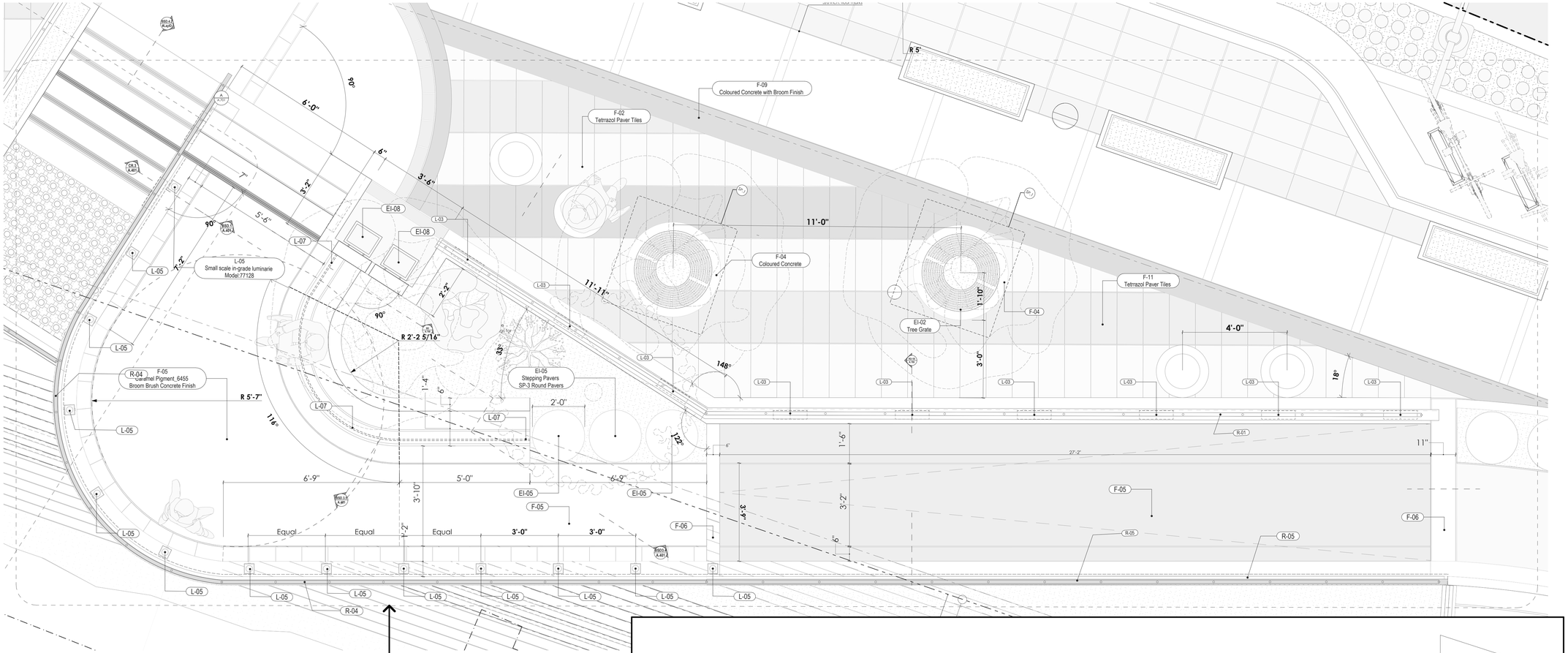
Important Note: Axonometric views are for reference only.
Contractor must consider plans, sections and elevations for construction

Rev/ID	CHD	Change Name	Date
01			4/17/2024

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

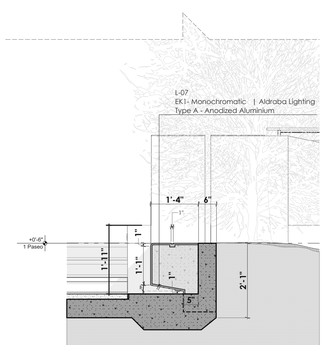
ERBA
Eugenio Ramírez Ballagas Arquitecto
RUTA 2084
787-529-2084
erba2084@gmail.com

Certificacion:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó este proyecto y que he preparado los planos y especificaciones. Certifico además que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción vigentes para el área de jurisdicción. Certifico, además, que en la presentación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación, Vista y Multa de Planos de Obras Públicas y Privadas, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Investigación, Vista y Multa de Planos de Obras Públicas y Privadas", y la Ley de 15 de mayo de 1938, según enmendada.



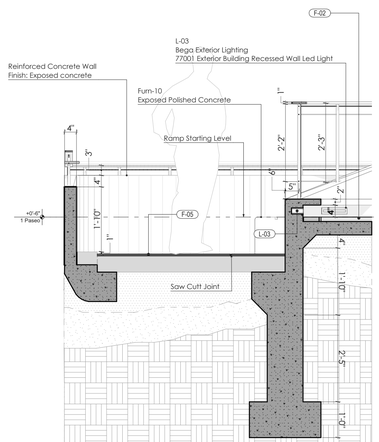
B Balcony and Ramp Detail

1/2" = 1'-0"



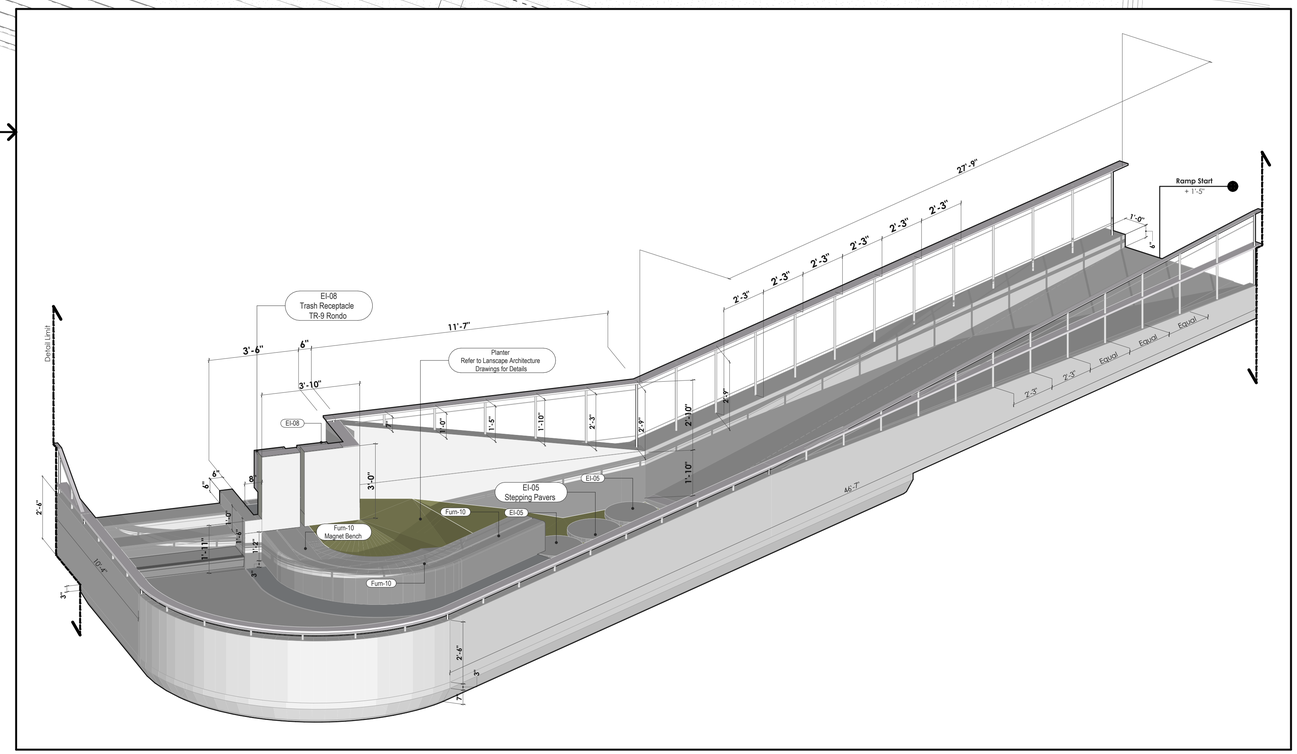
Bench Type A Typical section Detail

1/2" = 1'-0"



Railing + Ramp Detail

1/2" = 1'-0"



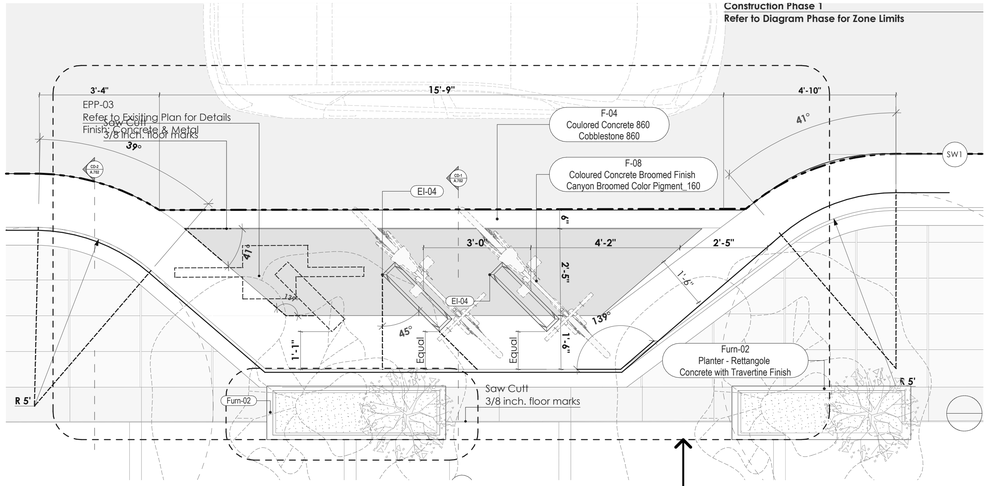
Balcony Front Axonometric View

3/8" = 1'-0"

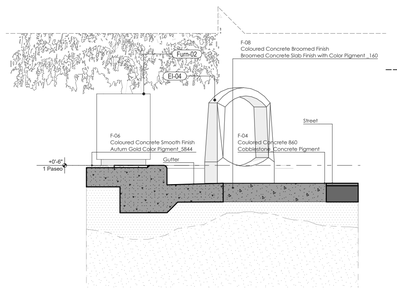
Important Note: Axonometric views are for reference only.
Contractor must consider plans, sections and elevations for construction

Date	Check	Change Name	Rev/ID
4/1/2024			

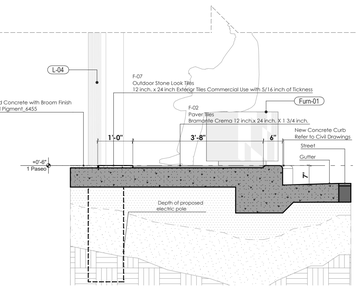
Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de Registro 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que he estudiado los mismos y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Invención de la Calidad de la Construcción de 2004, según enmendada, conocida como la "Ley Núm. 96 de 6 de julio de 1988, según enmendada, Ley Núm. 96 de 6 de julio de 1988, según enmendada, Ley Núm. 96 de 6 de julio de 1988, según enmendada,



Bycicle Area Typical Detail
1/2" = 1'-0"

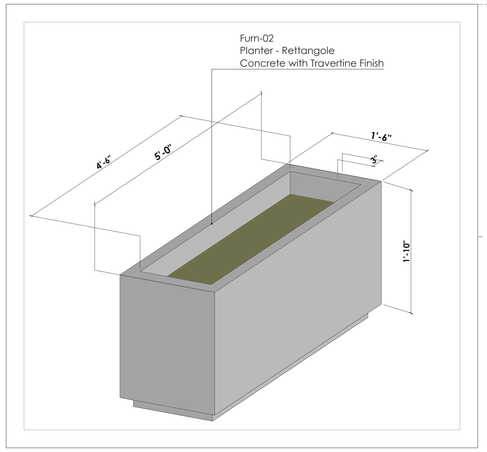


CD-1 Curb Detail
1/2" = 1'-0"

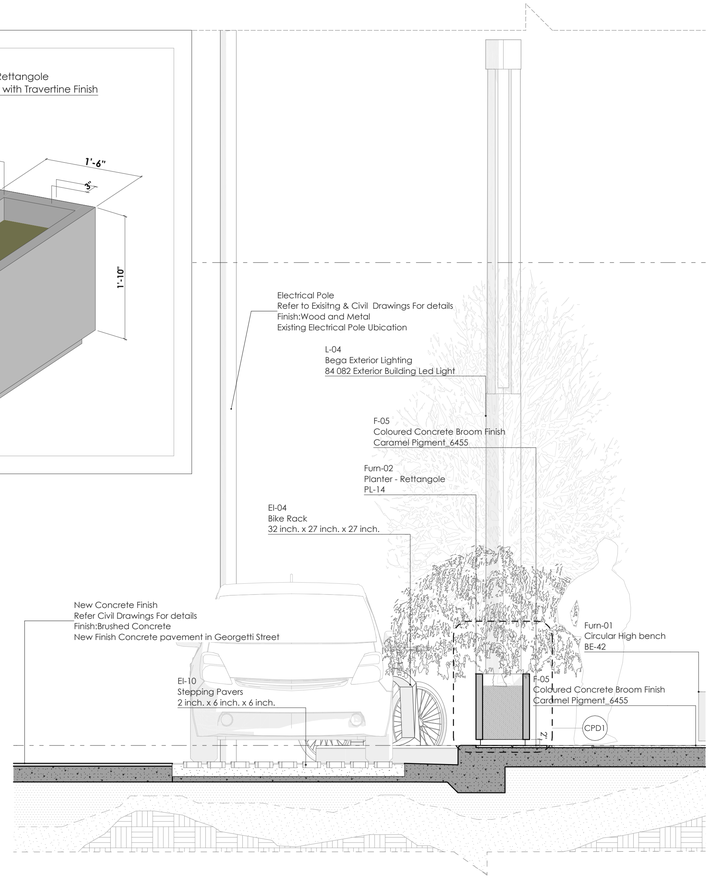


CD-2 Curb Detail
1/2" = 1'-0"

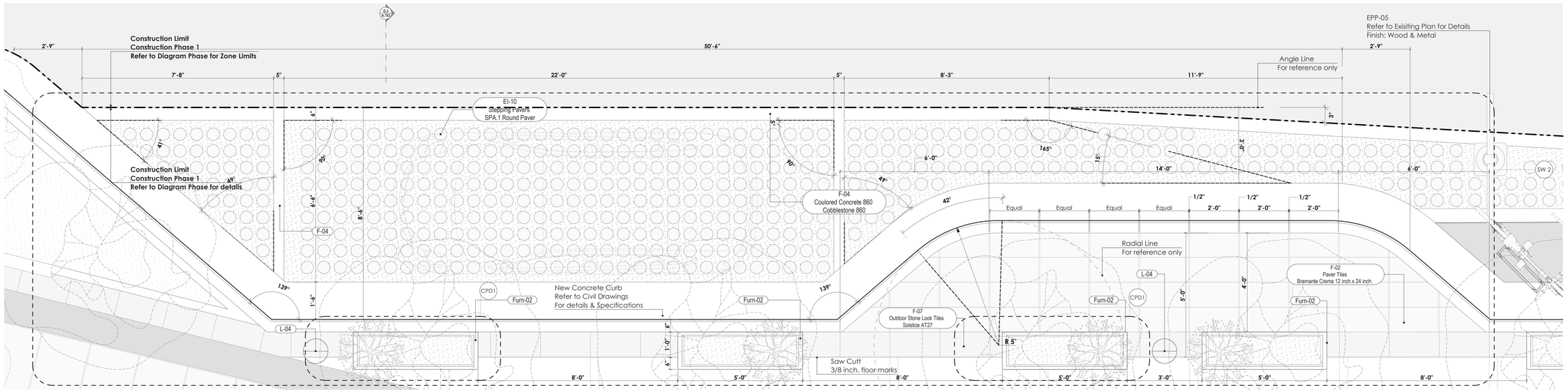
Important Note: Bicycle parking zones may vary in the amount of equipment - Bike Rack - due to the location of existing power poles that are located in these zones interfering with the proposed equipment placement. **For details of quantities and unit differences of per zones, refer to the zone drawings A.G. 100, 200 & 300.**



CPD Concrete Planter Type 1
1" = 1'-0"



G.3 Georgetti Street Condition
1/2" = 1'-0"



Side Walk + Parallel Parking
1/2" = 1'-0"

Important Note: Axonometric views are for reference only.
Contractor must consider plans, sections and elevations for construction

10' 8' 6' 4' 2' 0 5' 10' 15' 20' 25'

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 10796** certifico que soy el profesional que diseño estos planos y especificaciones, que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido por lo menos con el mínimo requerido por la ley para la invención de estructuras, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la Ley para la Invención de Estructuras en Puerto Rico, y la Ley Núm. 173 de 12 de mayo de 1958, según enmendada, Ley para la Clasificación de los hechos que se han producido por negligencia, ya sea por mala fe, por impericia o por descuido, o por otra persona natural o jurídica responsable de cualquier acción judicial y disciplinaria por la CGPe.

Date:
4/17/2024

Rev/ID | CHD | Change Name

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #10796
PUERTO RICO

ERBA
ARQUITECTURA

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
#Client Address
Comerio | PR

Project Info:
Cadastre: 092-000-005-67
Parcel #: 374-2-000570
Property Area: 2.5 Cuerdas
10/1/2024 | 3:01 PM

Drawing Name:
Large Scale Views
Ventana al Rio Side Walk + Street Conditions Details
Bycicle Area Typical Detail, Curb Detail, Side Walk + Parallel Parking, Georgetti Street Condition, Concrete Planter Type 1

Drawing Scale:
1/2" = 1'-0", 1" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

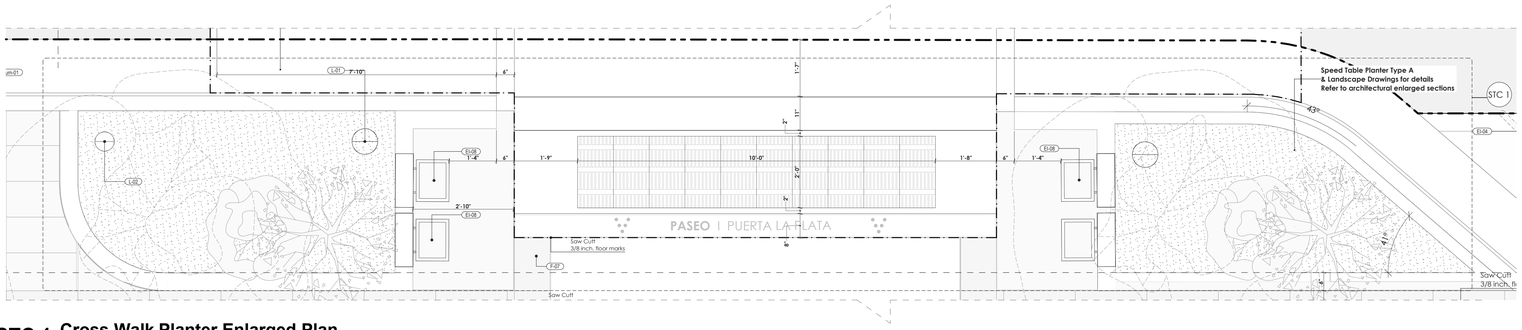
Layout ID:
A.702

Revision:
01

Modified by:

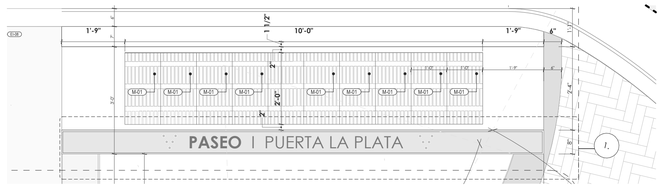
Checked by:

Approved by



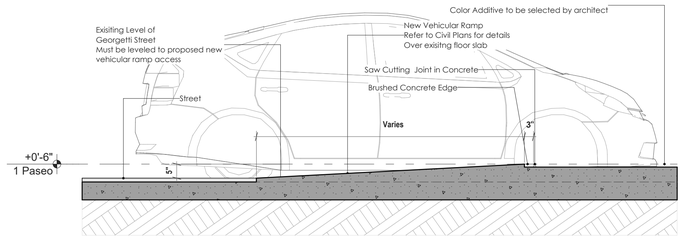
STC 1 Cross Walk Planter Enlarged Plan

sc.1/2" = 1'-0"



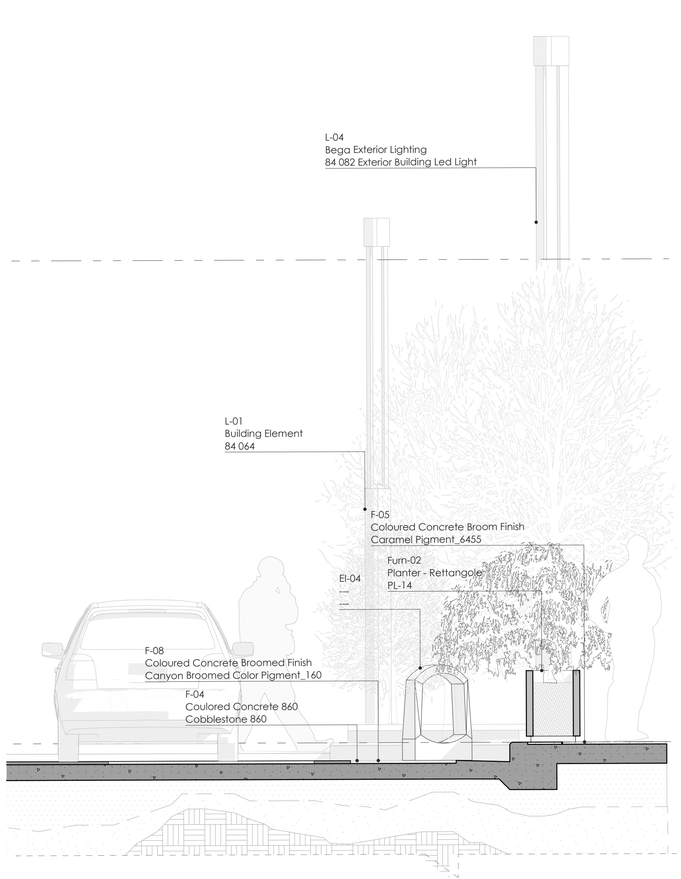
FW.1 Floor Waysign

1/2" = 1'-0"



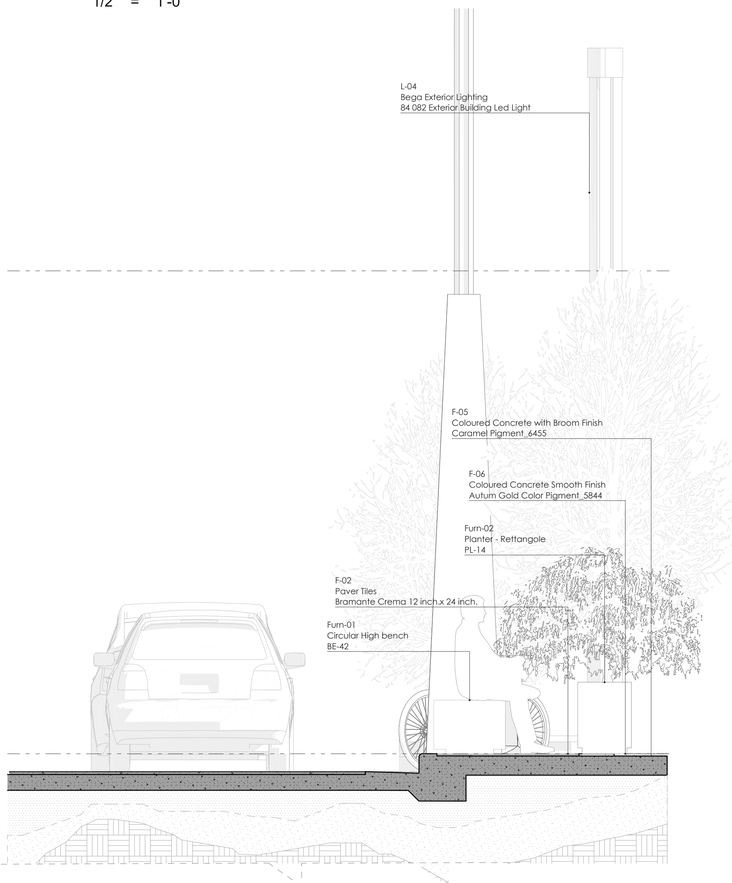
ST.S1 Vehicular Ramp Detail

1/2" = 1'-0"



G.1 Georgetti Street Condition

sc.1/2" = 1'-0"



G.2 Georgetti Street Condition

1/2" = 1'-0"

N

10' 8' 6' 4' 2' 0 5' 10' 15' 20' 25'

Date:
#1/10/24

Rev/ID | CHD | Change Name

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos, los cuales fueron preparados bajo mi supervisión directa, que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Uso de Terrenos y Edificaciones y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Innovación, la Flexibilidad y la Economía en la Construcción de 2004, según enmendada, conocida como la "Ley para la Innovación en la Construcción" y la Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley para la Reforma y Flexibilización del Proceso de Permisos", y que en mi opinión profesional la declaración falsa o falsificación de los hechos que se haya producido por mi persona o por negligencia en ese proceso, me hace responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
Comerio Company
107 Calle Georgetti
Comerio, PR

Project Info:
Cadastre: 092-000-005-67
ID: PR-2400570
Permit #: 2400570

Plotted: 10/1/2024 | 3:01 PM

Drawing Name:
Large Scale Views
Ventana al Rio Side Walk + Street Conditions
Vehicular Ramp Detail, Georgetti Street Condition, Floor Waysign, Cross Walk Planter Enlarged Plan

Drawing Scale: 1/2" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Layout ID:
A.703

Revision:
01

Modified by:

Checked by:

Approved by

Div-32 Exterior Improvements

Element ID	EI-02	EI-03	EI-04	EI-05	EI-06	EI-07	EI-08	EI-09	EI-10
Name	Tree Crate 01	Tactile Warning Surface Panel	Bike Rack	Grass Pavers	Concrete Stamp Type A	Conrete Stamp Type B	Trash Receptacle	Grass Pavers	Stepping Pavers
Length (A)	3'-0"	---	2'-3"	2'-0"	3'-6"	3'-6"	1'-9"	2'-0"	6"
Width (B)	3'-0"	---	6"	2'-0"	3'-6"	3'-6"	1'-8"	2'-0"	6"
Height (Z Size)	1"	---	2'-8"	2"	3"	3"	3'-0"	4"	2"
2D Symbol									
3D Axonometry									
Quantity	20	41	8	15	1	2	10	9	621
Manufacturer	Dobney Foundry	ADA Solutions	713 Precast	713 Precast	re-3D	re-3D	713 Precast	713 Precast	
Model	RP-36	Detectable Warning Cast in Place Paver	Ciclock	Stepping Pavers			TR-9 Rondo	GP-1 Grass Crete	SPA.1 Round Paver
Materials	Ductile Iron / 3/4" with 35 7/8" Diameter		Travertine	Elite Granite Polished			Elite Granite	Elite Granite Polished	Elite Granite Polished
Accessories					32 inch. x 27 inch. x 27 inch.	32 inch. x 27 inch. x 27 inch.			Must be consulted with the Architect
Description	Refer to Manufacturer Specifications for Installation	Color White 24 inches	32 inch. x 27 inch. x 27 inch.	3 1/2 inch.l x 24 inch. x 24 inch.	Must be consulted with the Architect	Must be consulted with the Architect	36 inch/ x 18 inch. x 18 inch.	3 1/2 inch.l x 24 inch. x 24 inch.	2 inch. x 6 inch. x 6 inch.

Rev/ID	CHD	Change Name	Date
1			4/17/2024

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
Eugenio Ramírez Ballagas
Arquitecto
RUTA 204
Comerío, PR 00782
(787) 739-2204
www.erba.com

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 19796** certifico que soy el profesional que diseño estos planos y especificaciones, que he estudiado las disposiciones que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos, y Codigos de Construccion de Puerto Rico y de la Administracion de Reglamentos y Permisos y Corporaciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión de la Industria de la Construcción de 2004, según enmendada, conocida como la "Ley para la Inversión de la Industria de la Construcción", con la Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley de Propiedad Horizontal" y con la Ley Núm. 130 de 8 de mayo de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley de Propiedad Horizontal" y con la Ley Núm. 130 de 8 de mayo de 1938, según enmendada, conocida como la "Ley de Condominios". Declaro bajo juramento que la información provista en esta declaración fiel y fidedigna de los hechos que se hayo producido por omisiones, no por negligencia con la que pueda incurrir. Me hago responsable de cualquier acción judicial y disciplinaria por la OGPe.

Layout ID:
A.704

Revision:
01

Modified by:

Checked by:

Approved by

Drawing Name:
Large Scale Views
Ventana al Rio Side Walk + Street Conditions & Schedules
Existing Condition Site Plan

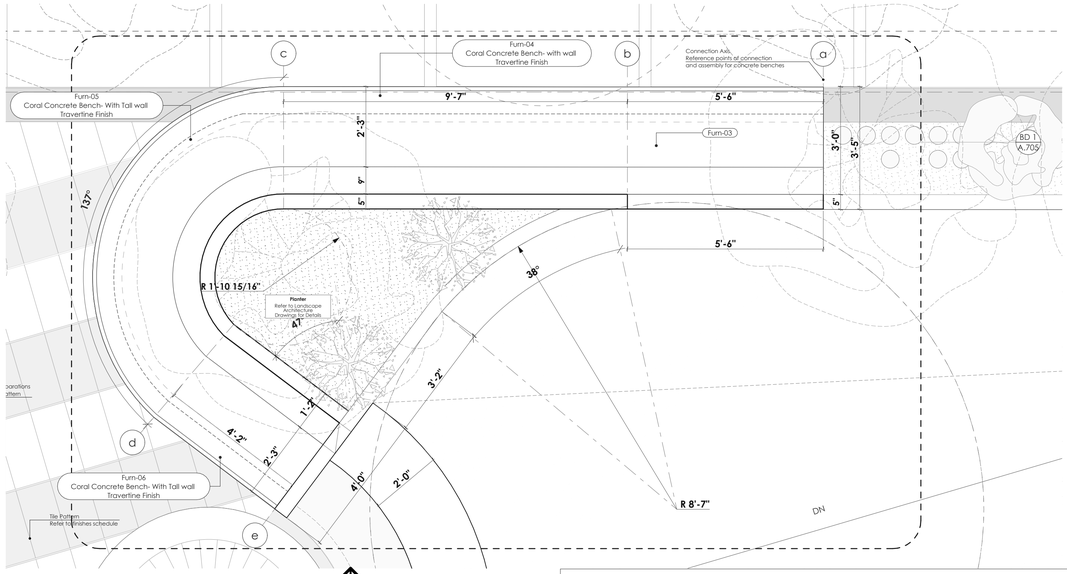
Drawing Scale: **1" = 1'-0"**

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

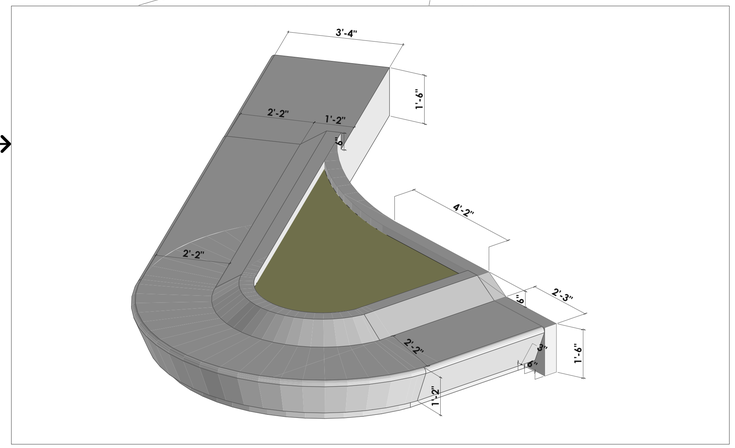
Client:
Municipality of Comerio Waterfront Park
Erba Company
11 Calle Jose de Diego
Comerio | PR

Project Info:
Catastro: 092-000-005-67
ID: PR-2024-000570
Printed: 2/6/2024
10/1/2024 | 3:01 PM



Bench Enlarged Plan Detail - B1
1/2" = 1'-0"

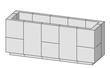
Bench View



Important Note: Axonometric views are for reference only.
Contractor must consider plans, sections and elevations for construction

Bench Front Axonometric View
1/2" = 1'-0"

Div-12 Furniture Schedules

Element ID	Furn-01	Furn-02	Furn-03	Furn-04	Furn-05	Furn-06	Furn-07	Furn-08	Furn-09	Furn-10
Name	Circular High bench	Planter - Rettangole	Coral Concrete Bench- without wall	Coral Concrete Bench- with wall	Coral Concrete Bench- With Tall wall	Coral Concrete Bench- With Tall wall	Precast Bench Type A	Wall Bench	Concrete Precast Bench	Magnet Bench
Length (A)	2'-0"	5'-0"	---	---	---	---	---	---	---	---
Width (B)	2'-0"	1'-6"	---	---	---	---	---	---	---	---
Height (Z Size)	1'-6"	2'-0"	---	---	---	---	---	---	---	---
2D Symbol										
3D Axonometry										
Manufacturer	713 Precast, LLC	713 Precast						Wall Bench		Costum Bench
Model	BE-42	PL-14					Magnet Bench	"L" Bench- 01A	Gongoli Type A	Type A.01
Materials	Concrete	Concrete with Travertine Finish	Travertine Finish	Travertine Finish	Travertine Finish	Travertine Finish	Exposed Polished Concrete	Exposed Polished Concrete	Concrete with Smooth Finish and Pigment Color Add	Exposed Polished Concrete
Accessories									Refer to Enlarged Plans for limits and Saw Cut Divisions	
Description		Height 24 inches- With 18 inches	5'-6" x 3'-6" x 2'-0" for details and specifications refer to sections	9'-7" x 3'-6" x 2'-0" for details and specifications refer to sections	137 grades of radial lines x 2'-0" height for details and specifications refer to sections	Dimensions: 4' - 2" x 3' - 6" x 2'-0" aprox.	1'-4" x 3'-2" of diameter refer to enlarged plans and section for details and specifications	Refer to Section Details for dimensions and specifications	Precast Bench is sectioned in 5 ft diameters or 2' - 6" in case of parallel lines referring to the proposed angles	
Quantity	28	15	1	1	1	1	1	5	21	3

Rev/ID	CHD	Change Name	Date
01			4/1/2024

Certification:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y las especificaciones que acompañan este proyecto, que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción vigentes para la Junta de Planificación y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación de Subsuelo y Rocas de Puerto Rico de 2004, según enmendada, conocida como la "Ley para la Investigación de Subsuelo y Rocas de Puerto Rico", y con la Ley Núm. 96 de 6 de julio de 1988, según enmendada, Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley de Propiedad Horizontal" y la declaración jurada o ratificación de los hechos que se hayan producido en el proceso de construcción de la obra, según sea el caso. Reconozco que, por imaginarse con la ese poco más, no hago a responsable de cualquier acción judicial y disciplinaria por la OGPe.

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
Estudio de Arquitectura
RUTA 2064
www.erba.pr

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park.
Project Company
11 Calle Alejandro Diego
Comerio I PR

Project Info:
Catastro: 062-000-005-67
ID: PK-2400570
Phase: Construction
10/1/2024 | 3:01 PM

Drawing Name:
Large Scale Views
Architectural Detail- Bench Enlarged Plan Details & Schedules
Bench Enlarged Plan Detail - B1, Bench Front Axonometric View, Existing Condition Site Plan

Drawing Scale: **1/2" = 1'-0" , 1" = 1'-0"**

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

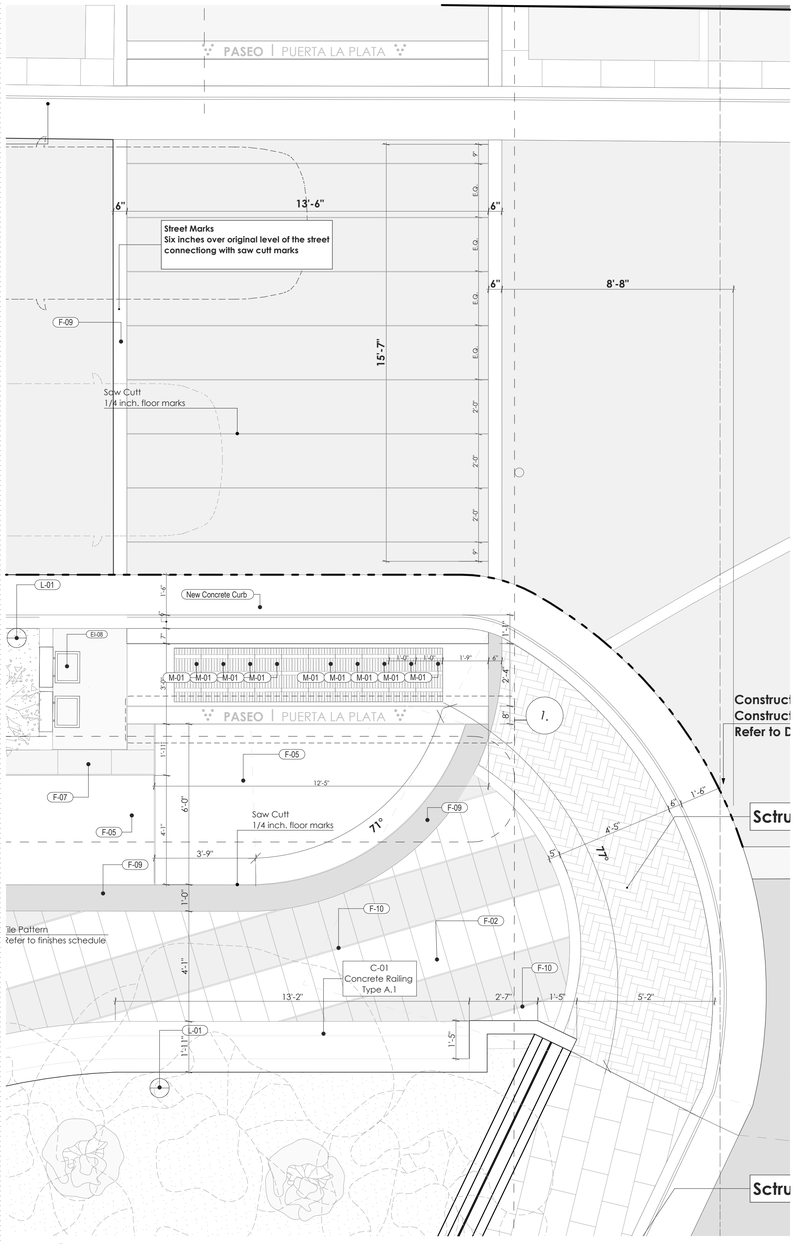
Layout ID:
A.705

Revision:
01

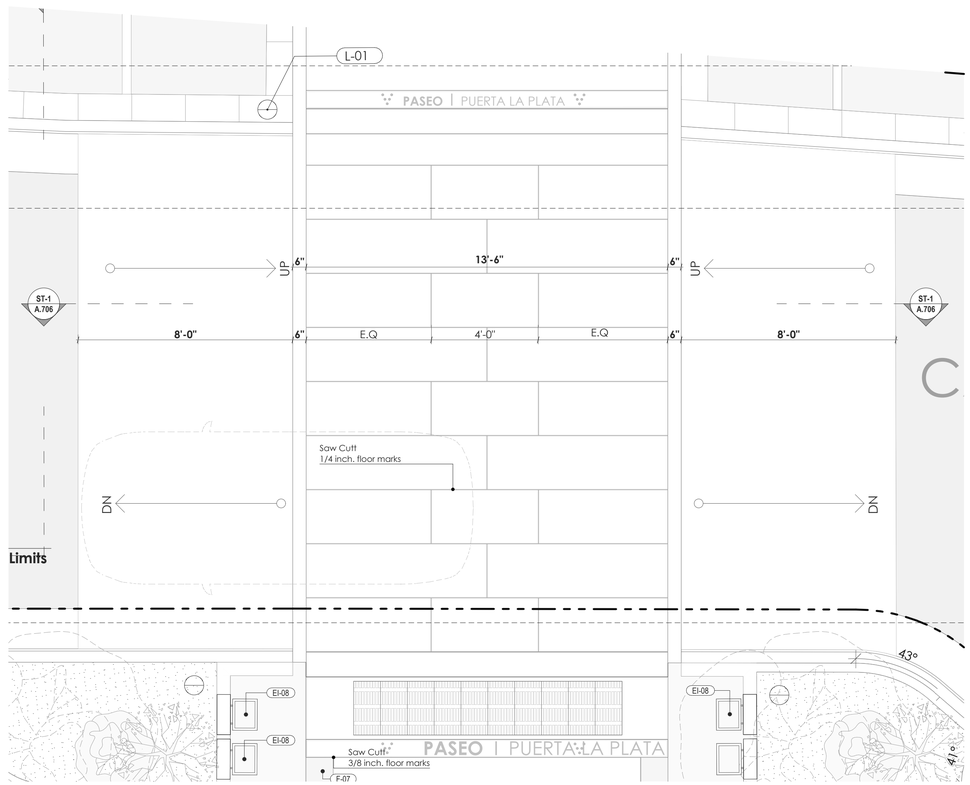
Modified by:

Checked by:

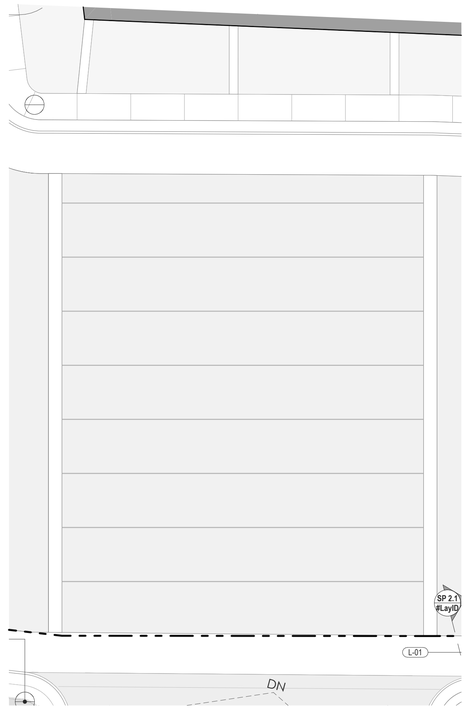
Approved by



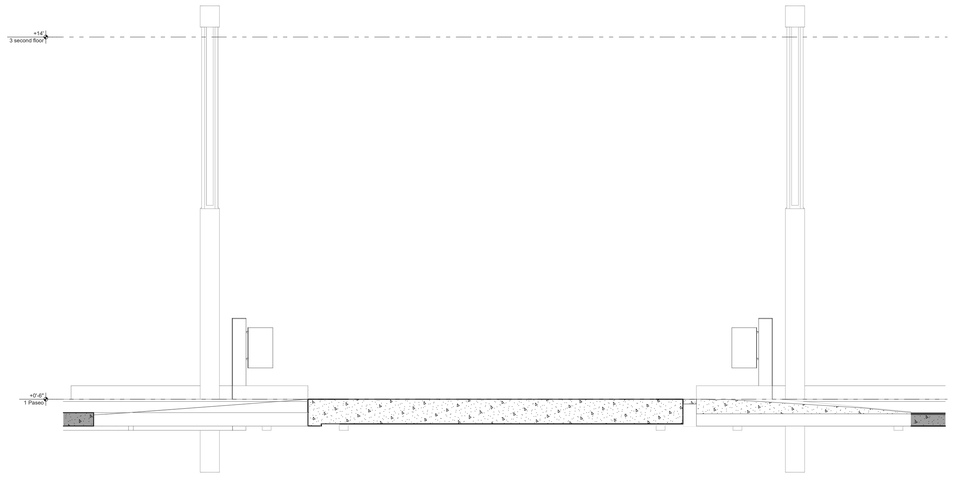
ST 1 **Speed Table Enlarged Plan**
3/8" = 1'-0"



ST 2 **Speed Table Enlarged Plan**
3/8" = 1'-0"



ST 3 **Speed Table Enlarged Plan**
3/8" = 1'-0"



5 **Exisitng Condition Site Plan**
3/8" = 1'-0"

Date	Change Name	CHD	Rev/D
4/17/2024			

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, numero de licencia 13706** certifico que soy el profesional que diseño estos planos y especificaciones, que la obra propuesta en los mismos fue diseñada de acuerdo a lo entendido que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción vigentes hasta la fecha de radicación de estos planos y especificaciones ante las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Dignificación de la Profesión de Arquitectura de 1938, según enmendada, conocida como la "Ley para la Dignificación de la Profesión de Arquitectura de Puerto Rico", la Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Profesión de Arquitectura y Arquitectura Paisajista de Puerto Rico de 2004", la Ley Núm. 9 de 24 de julio de 1970, según enmendada, conocida como la "Ley de Certificaciones Profesionales", y la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, conocida como la "Ley de Sistemas de Construcción Prefabricada". Declaro bajo juramento que la información contenida en esta declaración falsa o falsificación de los hechos que se haya producido por omisión o por negligencia, ya sea por mi, mis empleados o personas contratadas para ayudarme en la preparación de estos planos, podría constituir una violación a las disposiciones de la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, y yo seré responsable de cualquier acción judicial y disciplinaria por la OGPe.

EUGENIO RAMÍREZ BALLAGAS
ARQUITECTO LICENCIADO
LIC. #19796
PUERTO RICO

ERBA
ARCHITECTURE
PSC 2284

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
#Client Address
Comerio | PR

Project Info:
Cadastre: 002-000-003-67
ID # PR-20250570
Revised: 2/2/2025
10/17/2024 | 3:01 PM

Drawing Name:
Large Scale Views
Speed Tables & Street Marks- Enlarged Plan
Speed Table Enlarged Plan, Speed Table Enlarged Plan, Exisitng Condition Site Plan

Drawing Scale:
3/8" = 1'-0", 1/4" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

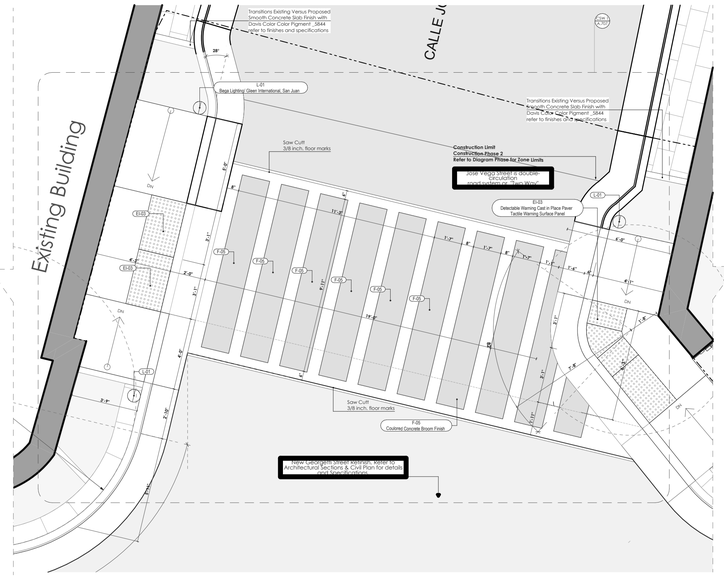
Layout ID:
A.706

Revision:
01

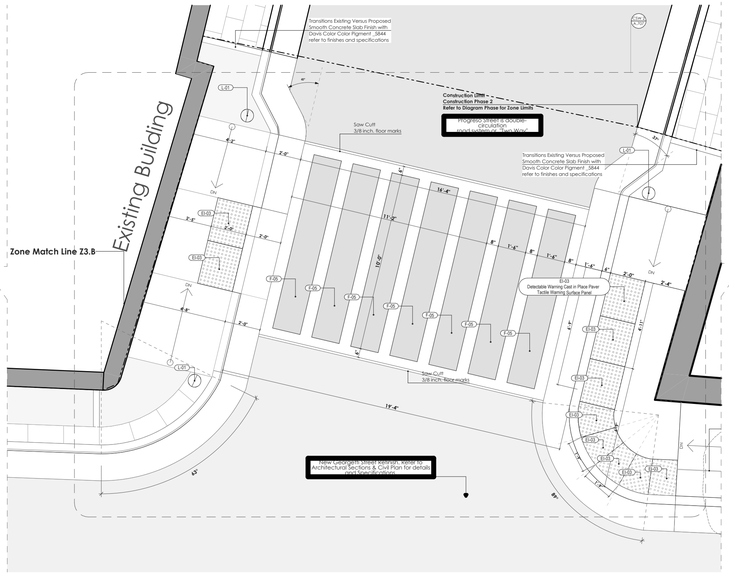
Modified by:

Checked by:

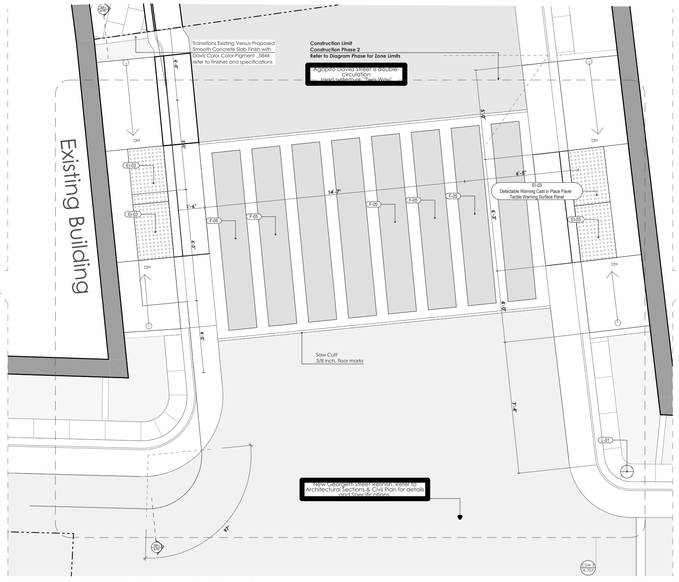
Approved by



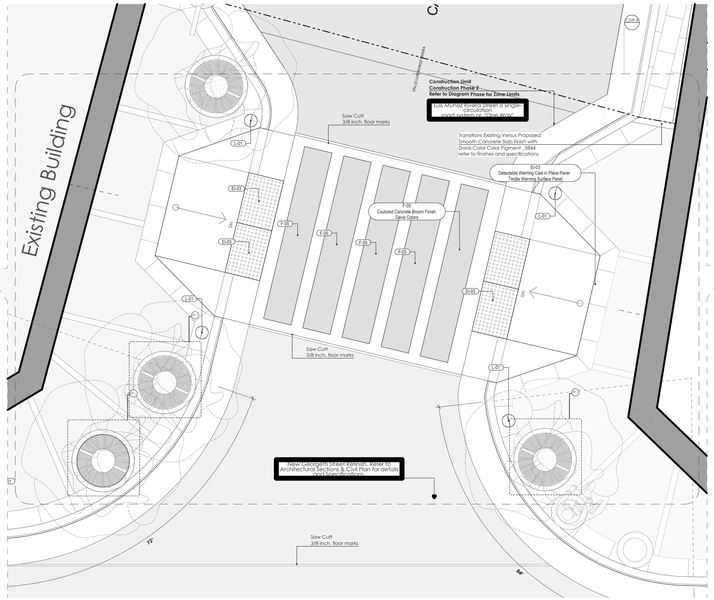
Crosswalk Enlarged Plan 1
1/4" = 1'-0"



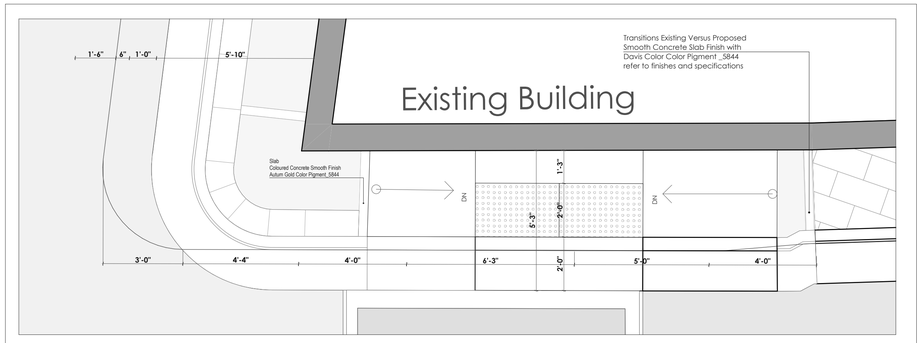
Crosswalk Enlarged Plan 2
1/4" = 1'-0"



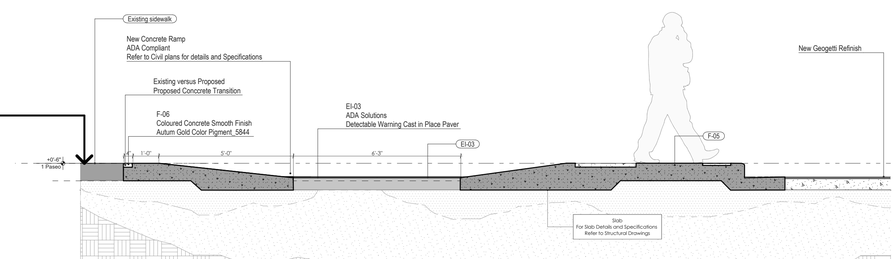
Crosswalk Enlarged Plan 3
1/4" = 1'-0"



Crosswalk Enlarged Plan 4
1/4" = 1'-0"



TEP Typical Enlarged Plan- concrete transitions
3/8" = 1'-0"



TEP-1 Transition Existing+ Proposed
3/8" = 1'-0"

Important Note: Concrete transitions can vary in length but not in width of four inches and two saw cutts on each side 1/4 deep. Therefore, all transitions in each of the zones must be reviewed.

Important Note: For details & construction specifications contractor must consider civil plans, sections and elevations

N

10' 8' 6' 4' 2' 0 5' 10' 15' 20' 25'

Date:
Change Name
CHD
Rev/ID
4/17/2024

Certificacion:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, numero de licencia 13756** certifico que soy el profesional que diseño estos planos, que he estudiado las leyes y reglamentos que aplican a este proyecto que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Uso de Terrenos del Municipio Autónomo de Comerío y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la proporción de estos planos y especificaciones se ha cumplido con la proporción de la Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión de la Construcción en Puerto Rico" y la Ley Núm. 417 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión de la Construcción en Puerto Rico" y la Ley Núm. 417 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión de la Construcción en Puerto Rico" y la Ley Núm. 417 de 15 de mayo de 1938, según enmendada; y que en la declaración falsa o falsificación de los hechos que se haya producido por omisión, o por negligencia sin ese propósito, me hace responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park.
Client Company
11 Calle Ponce de Diego
Comerio | PR

Project Info:
Cadastre 062-000-005-67
ID: PR-24-00570
Project: 2023
10/1/2024 | 3:01 PM

Drawing Name:
Large Scale Views
Crosswalk Enlarged Plans- Details
Crosswalk Enlarged Plan 1, Crosswalk Enlarged Plan 2, Crosswalk Enlarged Plan 3, Crosswalk Enlarged Plan 4, Transition Existing+ Proposed, Typical Enlarged Plan- concrete transitions

Drawing Scale: **1/4" = 1'-0", 3/8" = 1'-0"**

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

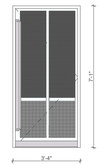
Layout ID:
A.707

Revision:
01

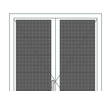
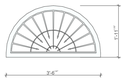
Modified by:

Checked by:

Approved by

Div-08 Opening-Door Schedule	
Type	**A**
Name	Single Swing Door
2D Symbol	
Orientation	L
View from Side Opposite to Opening Side	
Nominal W x H Size	3'-4"x7'-1"
Zone | Ubication Area	Historical Facade
Manufacturer	Vortex by Doblamos
Model	Costum Panel of Group Square
Materials	Aluminum
Materials-Frame	Aluminum
Hardware Set	Architectural Plans for details and Specifications
Description	White Coated Aluminium 14 gauge aluminum with Hidden Rack Refer to Vortes Especifications for details
Quantity	3

Div-08 Door Schedule													
Home Story Name	**Element ID**	**Type**	**Name**	**Ubication Zone Name**	**Wallhole Dimensions**	**Nominal W x H Size**	**Frame Thickness**	**Manufacturer**	**Model**	**Materials**	**Materials-Frame**	**Hardware Set**	**Description**
Paseo													
	SPCD-01	A	Single Swing Door	Historical Facade	3'-4 5/16"x7'-0 11/16"	3'-4 5/16"x7'-0 11/16"	2"	Vortex by Doblamos	Costum Panel of Group Square	Aluminum	Aluminum	Architectural Plans for details and Specifications	White Coated Aluminium 14 gauge aluminum with Hidden Rack Refer to Vortes Especifications for details
	SPCD-02	A	Single Swing Door	Historical Facade	3'-4 5/16"x7'-0 11/16"	3'-4 5/16"x7'-0 11/16"	2"	Vortex by Doblamos	Costum Panel of Group Square	Aluminum	Aluminum	Architectural Plans for details and Specifications	White Coated Aluminium 14 gauge aluminum with Hidden Rack Refer to Vortes Especifications for details
	SPCD-03	A	Single Swing Door	Historical Facade	3'-4 5/16"x7'-0 11/16"	3'-4 5/16"x7'-0 11/16"	2"	Vortex by Doblamos	Costum Panel of Group Square	Aluminum	Aluminum	Architectural Plans for details and Specifications	White Coated Aluminium 14 gauge aluminum with Hidden Rack Refer to Vortes Especifications for details

08-Opening-Window Schedule		
Type	**SPW A**	**SPW B**
Name	Existing Metal Sash	Double Sash Window
2D Symbol		
Orientation		R
View from Side Opposite to Opening Side		
W x H Size	3'-6 1/4"x1'-1 1/16"	3'-5 3/16"x5'-0 11/16"
Sill height	7'-0 11/16"	2'-0"
Head height	8'-1 13/4"	7'-0 11/16"
Manufacturer	<Undefined>	Vortex by Doblamos
Model	Traditional Metal Fixed Sash	Double sash oppening
Materials	Metal	Aluminum
Hardware Set	<Undefined>	<Undefined>
Description	Existing Historical Semi- Circular Sash to be rebuilt or ...	White Coated Aluminium 14 gauge aluminum wit...
Quantity	3	2

Div-09 Window Schedule table												
Home Story Name	**Element ID**	**Type**	**Ubication Zone**	**Name**	**W x H Size**	**Sill height**	**Head height**	**Manufacturer**	**Model**	**Materials**	**Hardware Set**	**Description**
Paseo												
	SPCW-01	SPW B	Historical Facade	Double Sash Window	3'-5 5/16"x5'-0 11/...	2'-0"	7'-0 11/16"	Vortex by Doblamos	Double sash oppening	Aluminum	<Undefined>	White Coated Aluminium 14 gauge alu...
	SPCW-02	SPW B	Historical Facade	Double Sash Window	3'-5 5/16"x5'-0 11/...	2'-0"	7'-0 11/16"	Vortex by Doblamos	Double sash oppening	Aluminum	<Undefined>	White Coated Aluminium 14 gauge alu...
	SPCW 01	SPW A	Historical Facade	Existing Metal Sash	3'-6 1/4"x1'-1 1/16"	7'-0 11/16"	8'-1 13/4"	<Undefined>	Traditional Metal Fixe...	Metal	<Undefined>	Existing Historical Semi- Circular Sash to ...

Div-32 Exterior Improvements			
Element ID	**EI-02**	**EI-03**	**EI-04**
Name	Tree Grate 01	Tactile Warning Surface Panel	Bike Rack
Length (A)	3'-0"	---	2'-3"
Width (B)	3'-0"	---	6"
Height (Z Size)	1"	---	2'-8"
2D Symbol			
3D Axonometry			
Quantity	20	41	8
Manufacturer	Dobney Foundry	ADA Solutions	713 Precast
Model	RP-36	Detectable Warning Cast in Place Paver	Ciclock
Materials	Ductile Iron / 3/4" with 35 7/8" Diameter		Travertine
Accessories			
Description	Refer to Manufacturer Specifications for Installation	Color White 24 inches	32 inch. x 27 inch. x 27 inch.

Div-32 Exterior Improvements				
Element ID	**EI-05**	**EI-06**	**EI-07**	**EI-08**
Name	Grass Pavers	Concrete Stamp Type A	Conrete Stamp Type B	Trash Receptacle
Length (A)	2'-0"	3'-6"	3'-6"	1'-9"
Width (B)	2'-0"	3'-6"	3'-6"	1'-8"
Height (Z Size)	2"	3"	3"	3'-0"
2D Symbol				
3D Axonometry				
Quantity	15	1	2	10
Manufacturer	713 Precast	re-3D	re-3D	713 Precast
Model	Stepping Pavers			TR-9 Rondo
Materials	Elite Granite Polished			Elite Granite
Accessories		32 inch. x 27 inch. x 27 inch.	32 inch. x 27 inch. x 27 inch.	
Description	3 1/2 inch.l x 24 inch. x 24 inch.	Must be consulted with the Architect	Must be consulted with the Architect	36 inch/ x 18 inch. x 18 inch.

Div-32 Exterior Improvements		
Element ID	**EI-09**	**EI-10**
Name	Grass Pavers	Stepping Pavers
Length (A)	2'-0"	6"
Width (B)	2'-0"	6"
Height (Z Size)	4"	2"
2D Symbol		
3D Axonometry		
Quantity	9	621
Manufacturer	713 Precast	
Model	GP-1 Grass Crete	SPA.1 Round Paver
Materials	Elite Granite Polished	Elite Granite Polished
Accessories		Must be consulted with the Architect
Description	3 1/2 inch.l x 24 inch. x 24 inch.	2 inch. x 6 inch. x 6 inch.

Div-26 Electrical								
Element ID	**EP-01**	**EP- 01**	**L-01**	**L-02**	**L-03**	**L-04**	**L-05**	**L-07**
Name	Electrical Pole System	Electrical Pole System	Building Element	Led Bollards- Rationally Symmetrical Light Distribution	Bega Exterior Lighting	Bega Exterior Lighting	Small scale in-grade luminarie	EK1- Monochromatic | Aldraba Lighting
2D Symbol								
3D Axonometry								
Manufacturer	Luma	Luma	Bega Lighting/ Gleen International, San Juan	Bega Lighting/ Glenn International	Bega Lighting / Glenn International, San Juan Puerto Rico	Bega Lighting / Glenn International, San Juan Puerto Rico	Bega Lighting/ Glenn International	Aldraba Lighting
Model			84.064	84.061	77001 Exterior Building Recessed Wall Led Light	84.082 Exterior Building Led Light	77128	Type A - Anodized Aluminium
Materials	Metal Finish	Metal Finish	Matte, textured powder coat with minimum 3 mil thickness & Silver (SLV) coated paint finish	BEGA standar finish matte, textured polyster powder coat with minimum 3 mil thickness with metal Silver (SLV) paint coat finish	Metal Silver Matte textured	Metal Silver Matte textured	Brushed Stainless Steel	Anodized Aluminium
Accessories			Refer to Manufacturer Specifications for more Details					
Description	Existing pole to remain as it is	Existing Pole to remain	Weight: 94. 8 LB with 39.0 Watts	Refer to manufacturer specifications for installation details	Metal Silver Matte textured polyster powder coat with minimum 3 mil thickness & symetrical light distribution	Metal Silver Matte textured polyster powder coat with minimum 3 mil thickness & symetrical light distribution	4 5/8 inch. x 3 1/8 inch. x 3 7/8 inch.	
Quantity	2	6	35	18	24	6	13	4

Date	Check	Change Name
4/17/2024		
8/5/2024	CHD	Change Name
8/7/2024		

Certification:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 13706**, certifico que soy el profesional que diseñó estos planos y especificaciones, y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Invención y Ejercicio de las Profesiones y Negocios de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención y Ejercicio de las Profesiones y Negocios"; y la Ley Núm. 173 de 12 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención y Ejercicio de las Profesiones y Negocios"; y la Ley Núm. 173 de 12 de mayo de 1938, según enmendada, conocida como la "Ley para la Invención y Ejercicio de las Profesiones y Negocios". Declaro bajo juramento que la información provista en esta declaración fiel a la clasificación de los hechos que en hoja producido por dicho profesional, ya sea por mí, mi representante autorizado o por cualquier persona bajo mi supervisión o dirección. Reconozco que soy responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Alcalde #6 Dlego
Comerio | PR

Project Info:
Catastro: 092-000-003-67
ID: PK-250-000570
Revised: 2.02
10/1/2024 | 3:01 PM

Drawing Name:
Schedules
General Section, Existing Condition Site Plan

Drawing Scale: **1:0.89, 1:1.10, 1" = 1'-0"**

Drawing Status: **Design Development 60%- ISSUED FOR PERMIT**

Layout ID:
A.800

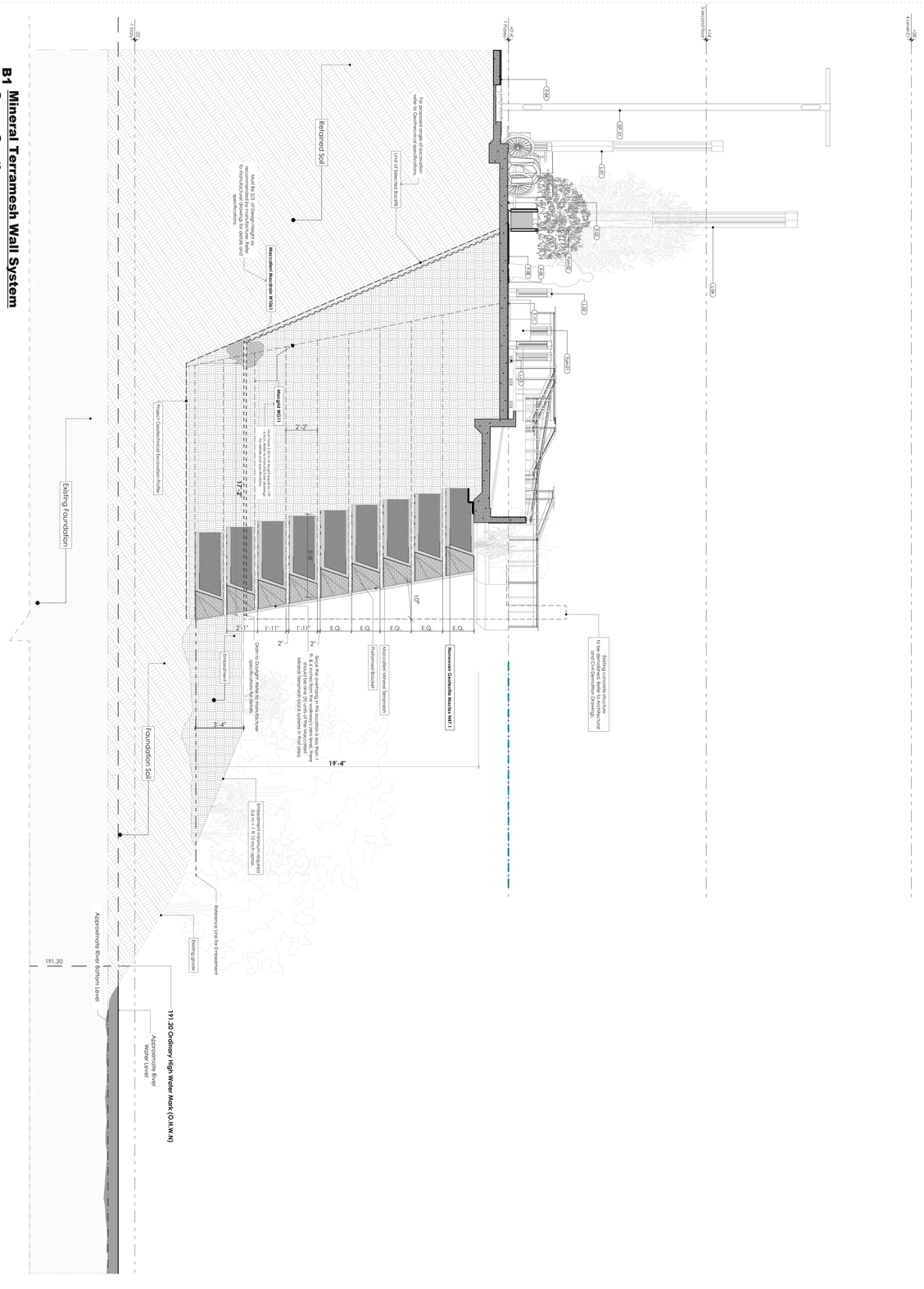
Revision:
01

Modified by:

Checked by:

Approved by

B1 Mineral Terramesh Wall System
MS Cross Section
1/4" = 1'-0"



Layout ID:
A.MS 100

Revision:

Modified by:

Checked by:

Approved by

Drawing Name:
Terramesh Sections + Civil
Terramesh proposed wall system sections
Mineral Terramesh Wall System Cross Section, Existing Condition Site Plan

Drawing Scale:
1/4" = 1'-0"

Drawing Status:
Design Development 60%- ISSUED FOR PERMIT

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Project Info:
Cadestre: 062-000-005-67
ID #: PR-CRP-000570
Project #: 23-02
10/1/2024 | 3:01 PM

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio | PR

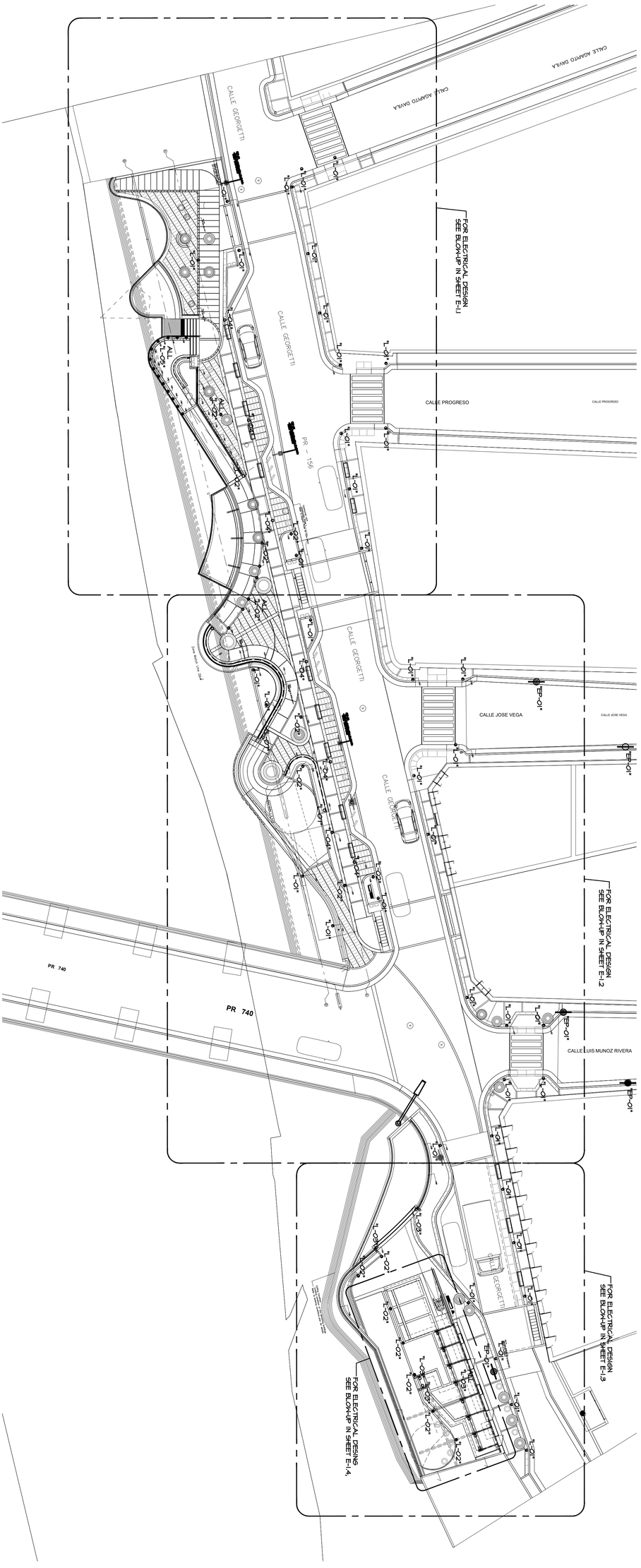
Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

EUGENIO RAMIREZ BALLAGAS
ARQUITECTO LICENCIADO
#19796
PUERTO RICO

Rev/D	Ch/D	Change Name	Date

Electrical Site Plan

SCALE: 1:200



ENRIQUE M. FIGUEROA SANTOS BUCH
COLEGIO DE INGENIEROS Y AGRIMENSORES DE PUERTO RICO
CIC 11,751

Layout ID:
ES-1.1

Revision:

Modified by:

Checked by:

Approved by

Drawing Name:
ELECTRICAL SITE PLAN

Drawing Scale:
AS SHOWN
Drawing Status:
ISSUED FOR PERMIT

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Project Info:
Cadestre: 062-000-005-67
ID #: #PR-CRP-000570
Project #: 23-02
2/12/2024 I 11:18PM

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio I PR

Certificacion:
Yo, **Enrique Figueroa Santos-Buch, ingeniero licenciado, numero de licencia 11751** certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

ERBA ENGINEERING BUILDING ARCHITECTURE
DREAMS GO COME TRUE
RESTE 206

e figueroa p.s.c
INGENIEROS CONSULTORES
Hato, El Verde Ave. Edificio #206, 3rd. Floor, PR 00918

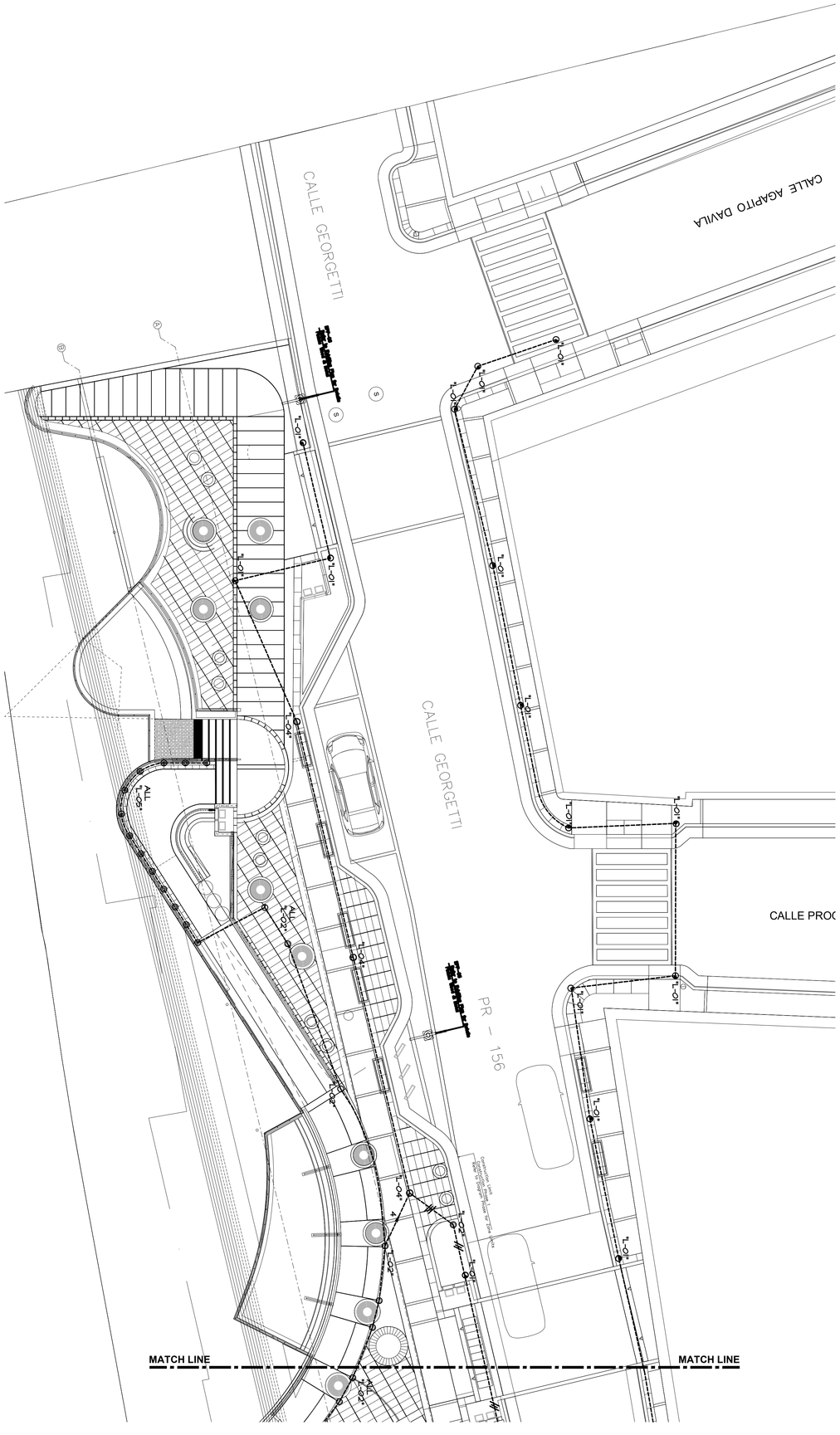
Rev/D	Ch/D	Change Name	Date

Electrical Site Plan - Area "A"

SCALE: 1:100

NOTES:

1. ENTIRE AND CONDUIT SIZES FOR SITE LIGHTING SHALL BE NO1O RNH AND 1" RESCEPTIVELY.
2. FOR LIGHTING FIXTURE SCHEDULES REFER TO ARCH. PLANS. CONTRACTOR SHALL FURNISH AND INSTALL NEMA 4X, WEATHERPROOF JBOXES FOR INSTALLATION OF POWER SUPPLIES FOR 120VAC-24VDC LIGHT FIXTURES AS REQUIRED. COORDINATE FINAL LOCATION OF JBOXES AT FIELD.





Layout ID: E-1.1

Revision:

Modified by:

Checked by:

Approved by

Drawing Name: ELECTRICAL SITE PLAN - AREA "A"

Drawing Scale: **AS SHOWN**

Drawing Status: **ISSUED FOR PERMIT**

Project:

Comerio Water Front Park

107 Calle Georgetti
#Site Address2
Comerio - PR

Project Info:
Cadastre: 062-000-005-67
ID #: #PR-CRP-000570
Project #: 23-02
2/12/2024 I 11:18PM

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio I PR

Certificacion:
Yo, **Enrique Figueroa Santos-Buch, ingeniero licenciado, numero de licencia 19924**, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

ERBA ARQUITECTURA PAISAJISMO DISEÑO DREAMS GO COME TRUE

e figueroa p.s.c
INGENIEROS CONSULTORES
Hato, 11 Intersur, Calle A #39, Isla Verde, PR 00979

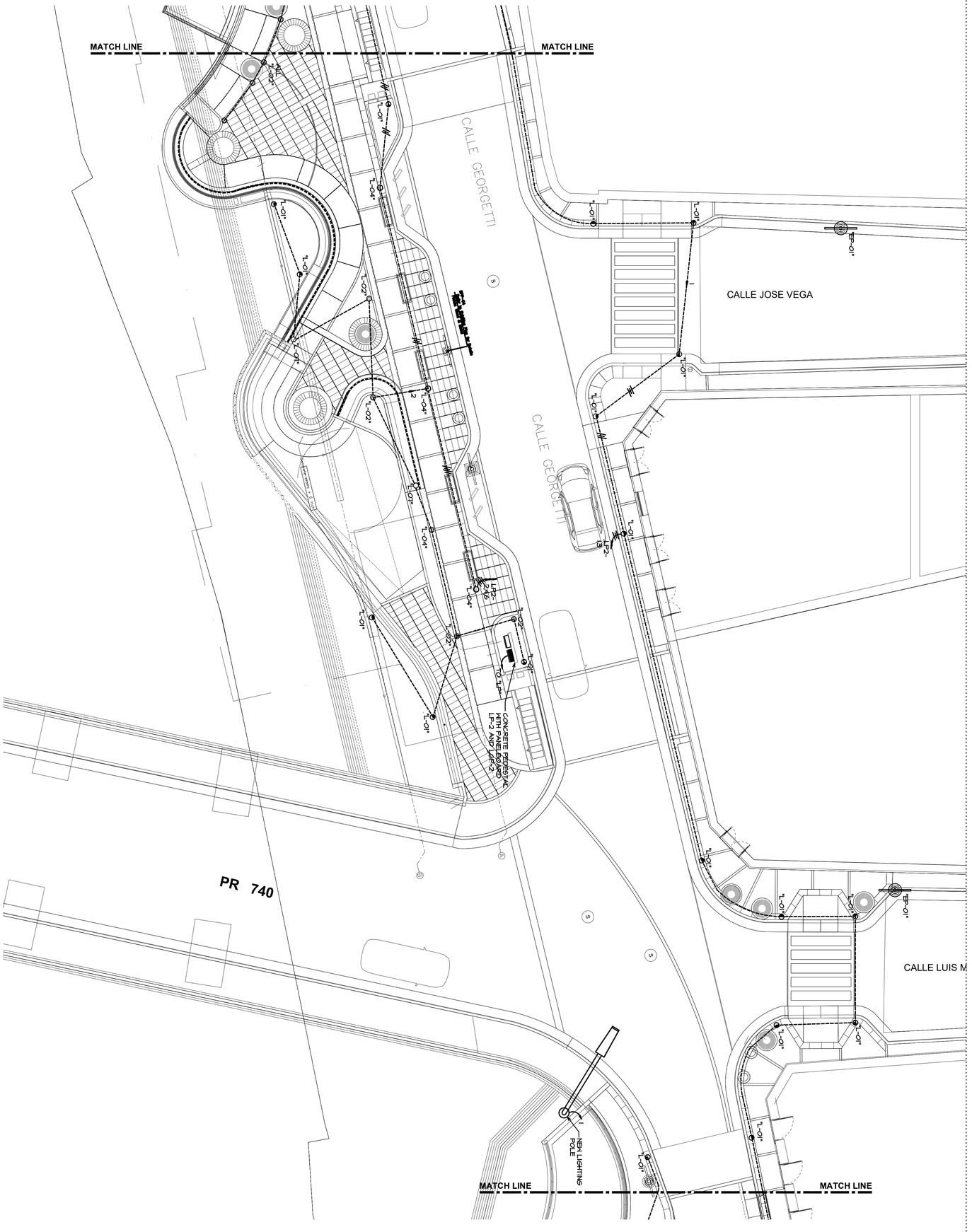
Rev/D	Ch/D	Change Name	Date

Electrical Site Plan - Area "B"

SCALE: 1:100

NOTES:

1. MIN. WIRE AND CONDUIT SIZES FOR SITE LIGHTING SHALL BE NO.10 RHH AND 1" RESCEPTIVELY, EXCEPT AS OTHERWISE NOTED.
2. FOR LIGHTING FIXTURE SCHEDULES REFER TO ARCH. PLANS. CONTRACTOR SHALL FURNISH AND INSTALL NEMA 4X WEATHERPROOF RECEPTACLE FOR INSTALLATION OF POWER SUPPLIES FOR 120VAC-24VDC LIGHT FIXTURES AS REQUIRED. COORDINATE FINAL LOCATION OF DEVICES AT FIELD.



ENRIQUE M. FIGUEROA SANTOS BUCH
LICENSE NO. 13,123
OBSERVATORIO CONSTRUCTIVO

Layout ID: E-1.2

Revision:

Modified by:

Checked by:

Approved by

Drawing Name: ELECTRICAL SITE PLAN - AREA "B"

Drawing Scale: **AS SHOWN**

Drawing Status: **ISSUED FOR PERMIT**

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Project Info:
Cadestre: 062-000-005-67
ID #: #PR-CRP-000570
Project #: 23-02
2/12/2024 I 11:18PM

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio I PR

Certificacion:
Yo, **Enrique Figueroa Santos-Buch, ingeniero licenciado, numero de licencia 13123**, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglarrentadoras 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 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por 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.

ERBA ENGINEERING PUERTO RICO
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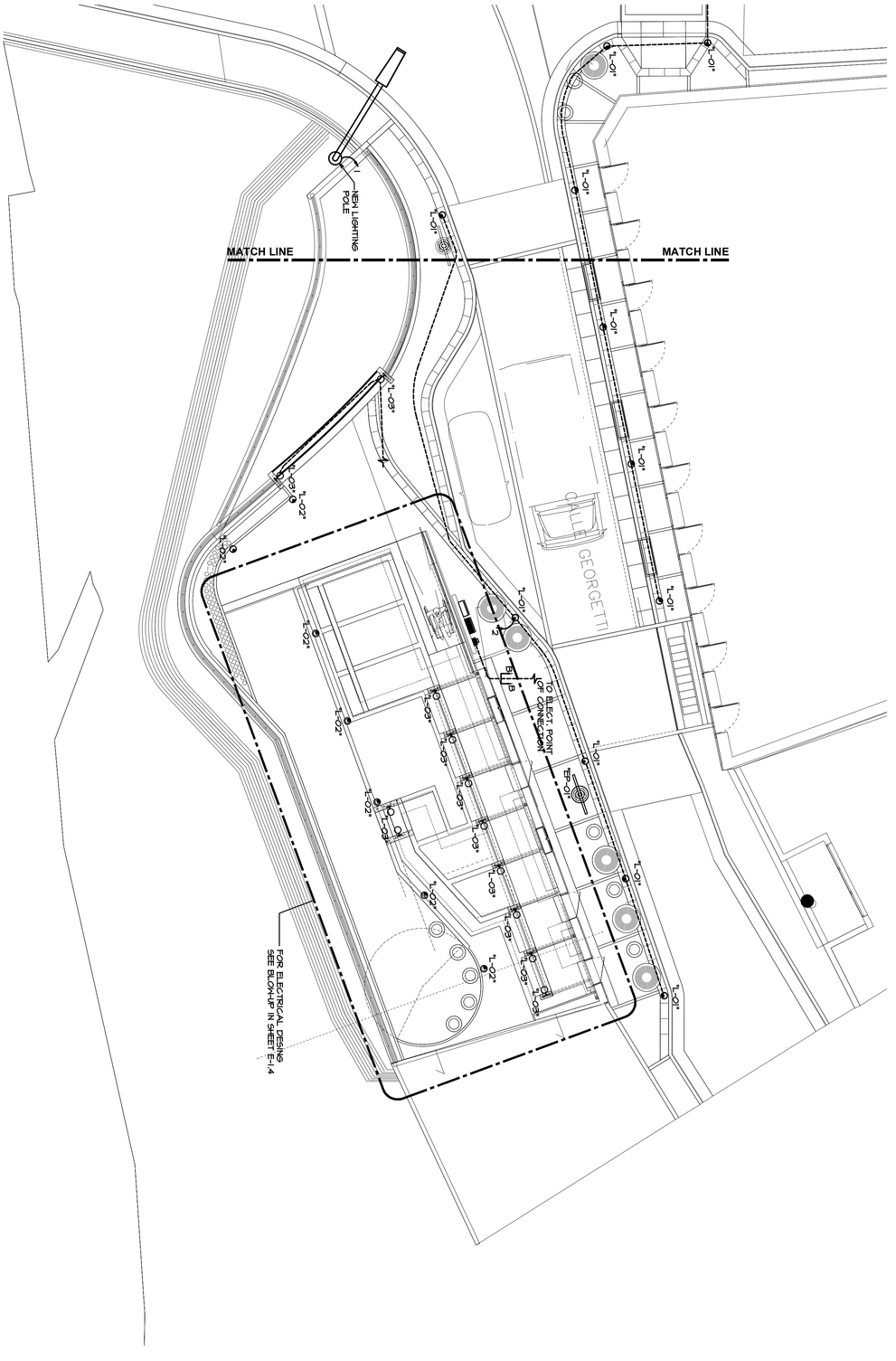
INGENIEROS CONSULTORES
Hato Tejas, Carr. 167 Km. 0.3, Bayamón, PR 00959

Rev/D	Ch/D	Change Name	Date

Electrical Site Plan - Area "C"

SCALE: 1:100



NOTES:

1. MIN. WIRE AND CONDUIT SIZES FOR SITE LIGHTING SHALL BE NO.10 RHH AND 1" RESCEPTIVELY, U.O.N. ON PLANS.
2. FOR LIGHTING FIXTURE SCHEDULES REFER TO ARCH. PLANS. CONTRACTOR SHALL FURNISH AND INSTALL NEMA 4X, WEATHERPROOF JBOXES FOR INSTALLATION OF POWER SUPPLIES FOR 120VAC-24VDC LIGHT FIXTURES AS REQUIRED. COORDINATE FINAL LOCATION OF JBOXES AT FIELD.



Layout ID: E-1.3

Revision:

Modified by:

Checked by:

Approved by

Drawing Name: ELECTRICAL SITE PLAN - AREA "C"

Drawing Scale: **AS SHOWN**

Drawing Status: **ISSUED FOR PERMIT**

Project: **Comerio Water Front Park**

107 Calle Georgetti
#Site Address2
Comerio - PR

Project Info:
Cadestre: 062-000-005-67
ID #: #PR-CRP-000570
Project #: 23-02
2/12/2024 I 11:18PM

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio I PR

Certificacion:
Yo, **Enrique Figueroa Santos-Buch, ingeniero licenciado, numero de licencia 18942** certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglarrentadoras 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 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Invensión por la Industria Puertorriqueña" y con la (Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique). Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

ERBA ENGINEERING BUILDING ARCHITECTURE
DREAMS GO COME TRUE
HOSTOS 206 HOSTOS AVE. SAN JUAN, PR 00918 787.620.2525 WWW.ERBAPR.COM

e figueroa p.s.c
INGENIEROS CONSULTORES
Hacia, El Horizonte Center #703, San Juan, PR 00926

Rev/D	Ch/D	Change Name	Date

ELECTRICAL LEGEND

- CONDUIT RUN EXPOSED ON SLAB OR ABOVE HUNG CEILING.
- CONDUIT RUN EMBEDDED IN FLOOR OR HALL.
- CONDUIT RUN TO PANEL. ARROWS INDICATE NUMBER OF CIRCUITS IN CONDUIT. NUMBER OF CONDUCTORS AS INDICATED BY CROSSLINES.
- CEILING OUTLET FOR LIGHTING FIXTURE.
- WALL OUTLET FOR LIGHTING FIXTURE AT 7'-0" A.F.F.
- DUPLEX GROUNDING CONVENIENCE RECEPTACLE, 20 AMPS., 125 VOLTS, SPECIFICATION GRADE, AT 18" A.F.F. UNLESS OTHERWISE INDICATED. (GFR-GROUND FAULT FEED THRU TYPE)
- SAME AS ABOVE BUT AT 42" A.F.F.
- SAME AS ABOVE BUT AT 6'-0" A.F.F.
- SAME AS ABOVE BUT WITH PVC WATER-PROOF COVER . 18" A.F.F.
- RANGE RECEPTACLE, GROUNDING TYPE, 2 POLES, 3 WIRES, 50 AMPS, 250 VOLTS AT 1'-6" AFF, NEMA14-50R. (FOR IN-LINE W/H. HEIGHT SHALL BE COORDINATED W/ PLUMBING CONTRACTOR)
- W/H RECEPTACLE, 250 VOLTS, 30 AMPS., 36" A.F.F.
- SINGLE POLE SWITCH, 20 AMPS., 125 VOLTS, 4'-0" A.F.F.
- TWO SINGLE POLE SWITCHES IN ONE BOX, 20 AMPS, 125 VOLTS AT 4'-0" A.F.F. LETTER INDICATES FIXTURE CONTROLLED.
- SAME AS ABOVE BUT THREE SINGLE POLE SWITCHES IN TRIPLE GANG BOX.
- 2 POLE SWITCH, 30 AMP., 250 VOLTS, WITH PILOT LIGHT, 4'-0" AFF.
- 3 WAY SWITCH, 20 AMPS., 125 VOLTS AT 4'-0" A.F.F.
- PANELBOARD AS PER PANEL SCHEDULE.
- EXHAUST FAN. REFER TO MECH. DWGS.
- SAFETY OR DISCONNECT SWITCH 36" AFF. REFER TO ELECTRICAL PLAN.
- WALL MOUNTED JUNCION BOX, 18" AFF, EXCEPT AS NOTED.
- SAME AS ABOVE BUT 7'-0" AFF.
- CEILING MTD. JBOX.
- CEILING MTD. MULTI TECHNOLOGY OCCUPANCY SENSOR, 120/277V., 20 AMPS.\EQUAL OR SIMILAR TO LEVITON OSC20-MOW. LETTER INDICATES FIXTURE CONTROLLED.
- DUAL TECHNOLOGY SINGLE POLE OCCUPANCY SENSOR, 120V., 20 AMPS. SIMILAR OR EQUAL TO LEVITON OSSMT-6D1 W/ FACE PLATE.

GENERAL NOTES

1- ALL ELECTRICAL CONDUITS SHALL BE PVC SCH.40 - 3/4" MINIMUM LARGER OR OTHER TYPE OF CONDUIT AS INDICATED ON DRAWINGS.

2- CONDUCTORS SHALL BE COPPER WITH 600 VOLTS THHN INSULATION. MINIMUM SIZE SHALL BE #12 A.W.G., EXCEPT AS NOTED.

3- USE WHITE COLOR FOR ALL WIRING DEVICES, PLATES SHALL BE WHITE THERMOPLASTIC.

4- THE TELEPHONE SYSTEM SHALL BE WIRED BY OTHERS. A #14 GALV.. WIRE SHALL BE LEFT IN EACH OUTLET.

5- THE COMPLETE ELECTRICAL INSTALLATION SHALL BE IN COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE, LATEST EDITION, AND THE REGULATIONS OF P.R.E.P.A.

6- ALL WIRING DEVICES, EQUIPMENT AND CONDUIT SHALL BE UNDERWRITERS LAB., P.R.E.P.A. AND H.U.D. APPROVED AND SHALL BE SUBMITTED TO THE OWNER OR HIS REPRESENTATIVE FOR APPROVAL.

7- OUTLET BOXES SHALL HAVE THE FOLLOWING DIMENSIONS:

UP TO 9 CONDUCTORS 4"X4"X1 1/2"
UP TO 12 CONDUCTORS 4 11/16"X4 11/16"X2 1/8"
UP TO 16 CONDUCTORS 4 11/16"X4 11/16"X2 1/2"

8- AFTER COMPLETION OF THE WORK THE CONTRACTOR SHALL FURNISH TO THE OWNER A CERTIFICATE OF FINAL INSPECTION AND APPROVAL.

9- ALL ELECTRICAL FITTINGS SHALL BE CONCRETE TIGHT.

10- INSTALL A #12sh JUMPER BETWEEN CONVENIENCE RECEPTACLE GROUND TERMINAL AND OUTLET BOX GROUND TERMINAL.

11- GROUND WIRE IN PVC CONDUIT NOT SHOWN, MUST BE PROVIDED.

12- VERIFY ALL ELECTRICAL REQUIREMENTS AND EXACT LOCATIONS OF EQUIPMENT WITH DRAWINGS AND SPECIFICATIONS. CHECK AND VERIFY ALL DIMENSIONS IN THE FIELD.

13- COORDINATE THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT, LIGHT FIXTURES, RACEWAYS, ETC., WITH THE OTHER TRADES, SO AS TO AVOID INTERFERENCES WITH DUCTWORK, PIPING, STRUCTURES, ETC.

14- MAINTAIN ADEQUATE ACCESS TO ALL JUNCTION, TERMINATION AND PULL BOXES, MAINTAIN ADEQUATE ACCESS TO ALL EQUIPMENT FOR OPERATIONS, MAINTENANCE AND REPAIRS.

15- ALL MOUNTING HEIGHTS INDICATED ARE TO CENTERLINES OF DEVICES EXCEPT FOR LIGHT FIXTURES AND AS OTHERWISE NOTED OR PER SPECIFICATIONS. MOUNTING HEIGHTS FOR LIGHT FIXTURES ARE TO BOTTOM OF UNITS.

16- CONDUIT ROUTINGS SHOWN ARE DIAGRAMMATIC. FOLLOW ROUTINGS SHOWN WHEREVER PRACTICAL. COORDINATE ACTUAL ROUTINGS WITH ALL OTHER TRADES.

17- SUPPORT WALL MOUNTED ELECTRICAL EQUIPMENT (I.E. PANELBOARDS, STARTERS TRANSFORMERS, ETC.) BY UNISTRUT CHANNELS SECURED TO FLOOR AND CEILING, UNLESS WALL IS OF MASONRY TYPE WHICH IS OF SUITABLE CONSTRUCTION TO SUPPORT WEIGHT OF EQUIPMENT, OR EXCEPT AS OTHERWISE NOTED OR SPECIFIED.

18- INSTALL ALL CONDUIT ABOVE HUNG CEILING AND IN WALLS IN FINISHED AREAS. SPLICE BOXES IN NON-ACCESSIBLE LOCATIONS ARE NOT PERMITTED. IN UNFINISHED AREAS (E.G.: MECHANICAL EQUIPMENT ROOMS, ETC.) OUTLET BOXES MAY BE SURFACE MOUNTED AND CONDUIT RUNS EXPOSED.

19- DESIGNATIONS TO ELECTRICAL DEVICES SUCH AS LIGHTING FIXTURES, RECEPTACLES, ETC., INDICATE CONTROL, PANEL AND/OR BRANCH CIRCUIT SERVING THAT DEVICE AND ARE TO BE USED AS A GUIDE FOR PROPER CONTROL, CONNECTION OF MULTI-WIRE CIRCUITS AT PANELS.

20- DETERMINE THE ARRANGEMENT AND ROUTING OF BRANCH CIRCUITS IN STRICT ACCORDANCE WITH THE FOLLOWING:

A. BALANCE PHASE LOADS ON PANELBOARD BUSES AS EVENLY AS POSSIBLE.

B. RUN ALL WIRING IN RIGID GALVANIZED STEEL CONDUIT IF EXPOSED. ELECTRICAL METALLIC TUBING OF CONCEALED IN WALLS OR ABOVE CEILINGS, P.V.C. COATED RIGID STEEL FOR OUTDOORS EXPOSED INSTALLATIONS OR AS REQUIRED PER DRAWINGS, SPECIFICATIONS AND APPLICABLE CODES. ALL CONDUIT TO BE CONCEALED IN FINISHED AREAS.

C. PROVIDE A SEPARATE NEUTRAL FOR ALL LIGHTING AND RECEPTACLE BRANCH CIRCUITS. TREAT NEUTRAL CONDUCTOR AS A CURRENT CARRYING CONDUCTORS IN ACCORDANCE WITH THE NEC.

D. CONBINING OF 120 VOLT BRANCH CIRCUITS WITHIN A SINGLE CONDUIT IS PERMITTED AS FOLLOWS:

NUMBER OF CURRENT CARRYING CONDUCTORS	MINIMUN PERMISSIBLE WIRE SIZE (MAX. 20A CIRCUITS)
ONE TO SIX	#12
SEVEN TO NINE	#10

E. SIZE HOMERUN BRANCH CIRCUIT CONDUCTORS FROM PANELBOARD TO THE FIRST OUTLET IN ACCORDANCE WITH THE FOLLOWING MAXIMUM CIRCUIT LENGTH LIMITS, USING CENTER OF LOAD SERVED AS THE BASIS FOR FOR COMPUTING LENGTHS:

	#12	#10	#8
120 VOLT (20A CIRCUIT)	65 FT	110 FT	165 FT
277 VOLT (20A CIRCUIT)	150 FT	250 FT	380 FT

21- INSTALL AND WIRE RECEPTACLES AND SINGLE PHASE EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING:

A. GENERAL LOCATIONS IN ACCORNANCE WITH DRAWINGS, WITH EXACT LOCATION SUBJECT TO DIRECTION OF THE OWNER'S REPRESENTATIVE.

B. GROUND ALL RECEPTACLES VIA SEPARATE GREEN GROUND CONDUCTOR RUN WITH POWER WIRES AND TERMINATING AT PANEL BOARD GROUND BUS.

22- INSTALL AND WIRE LIGHTING SYSTEMS IN ACCORDANCE WITH THE FOLLOWING:

A. CONFORM TO THE LIGHTING FIXTURE LAYOUT AND ARRANGEMENT AS SHOWN ON ARCHITECTURAL REFLECTED CEILING DRAWINGS FOR RECESSED LIGHTING FIXTURES. CONFORM TO THE LAYOUT ON THE ELECTRICAL DRAWINGS FOR SURFACE AND PENDANT LIGHT FIXTURES. MOUNTING HEIGHTS AND FIXTURE LOCATIONS MAY BE ADJUSTED IN THE FIELD WHERE NECESSARY TO AVOID EQUIPMENT, PIPING, ETC.

B. CONNECT LIGHTING FIXTURES AND DEVICES TO THE PANELBOARDS AND CIRCUITS AS INDICATED, VIA THE ROOM AND/OR AREA SWITCH WHERE SWITCHES ARE INDICATED ON THE DRAWINGS, AND DIRECTLY TO PANELBOARDS WHERE SWITCHES ARE NOT INDICATED. NOTE #12.

C. MOUNT EXIT LIGHTS SIX INCHES ABOVE DOORS WHERE APPLICABLE. FOR LOCATIONS OTHER THAN ABOVE DOORS MOUNT EXIT LIGHTS EIGHT FEET MAXIMUN ABOVE FINISHED FLOOR OR TWELVE INCHES BELOW CEILING, EXCEPT AS OTHERWISE NOTED. ALL HEIGHTS ARE TO BOTTOMS OF FIXTURES.

23- WHERE OVERSIZED CONDUCTORS ARE INDICATED ON THE DRAWINGS, WHICH CANNOT BE SAFELY TERMINATED DUE TO LUG SIZE OR WIRE BENDING SPACE LIMITATIONS, PROVIDE LOCAL JUNCTION BOX WITH NEC COMPLYING FEEDER TAP OF SMALLER WIRE SIZE SUITABLE FOR PROPER TERMINATION AT THE

24- PROVIDE EXPANSION FITTINGS IN ALL ELECTRICAL RACEWAY RUNS WHERE THEY CROSS BUILDING EXPANSION JOINTS, OR AS NEEDED FOR STRAIGHT RUNS GREATER THAN 150'.

25- INSTALL ALL CONDUITS AS HIGH AS POSSIBLE. ROUTE AND SUPPORT ALL CONDUITS TO AVOID PIPING, DUCTWORK, EQUIPMENT, ETC. COORDINATE ALL CONDUIT ROUTINGS WITH ALL TRADES.

26- PROVIDE CONTINUOUS WIRING FOR CONTROL AND INSTRUMENTATION SYSTEMS FROM POINT OF ORIGIN TO TERMINALS OF DEVICES AT ENDS OF RUNS (I.E.: SPLICES ARE NOT PERMITTED).

27- ALTHOUGH NOT SHOWN ON THE DRAWING, SURVEY EXISTING ELECTRICAL DEVICES AND RACEWAYS, WHICH MAY INTERFERE WITH THE WORK, TO DETERMINE THE SOURCE OF POWER AND THE LOAD IT SERVES. SUBMIT THIS INFORMATION IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR REVIEW. DISCONNECT AND EITHER REMOVE COMPLETY OR RELOCATE AND RECONNECT THESE MATERIALS AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

28- MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING EQUIPMENT THAT IS TO REMAIN IN SERVICE.

29- BROOM CLEAN ALL WORK AREAS UPON COMPLETATION OF WORK EACH DAY.

30- ELECTRICAL DRAWINGS ARE BASED ON PRELIMINARY VENDOR INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ELECTRICAL RATINGS, CONTROL WIRING, INSTRUMENT WIRING, ETC. FROM CERTIFIED DRAWINGS OF EQUIPMENT AND SHALL MAKE ANY WIRING, BRANCH CIRCUIT OR DISTRIBUTION MODIFICATIONS REQUIRED WITHOUT ANY ADDITIONAL COST TO THE OWNER. HE SHALL SUBMIT A SCHEDULE OF SUCH CHANGES FOR APPROVAL BY THE ENGINEER. ALL APPROVED CHANGES SHALL BE RECORDED ON "AS-BUILT" DRAWINGS.

31- ALL EQUIPMENT SHALL BE WIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS INSTRUCTIONS, OR SPECIFICATIONS.

32- ALL EQUIPMENT SHALL BE WIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS INSTRUCTIONS, OR SPECIFICATIONS.

33- UNLESS OTHERWISE NOTED ALL LIGHTING SWITCHES, DEVICES AND RECEPTACLES ARE FLUSH MOUNTED IN FINISHED AREAS.

DEVICES OF DIFFERENT VOLTAGES.

36- THE CONTRACTOR SHALL INSTALL ALL RECESSED BOXES FOR LIGHT SWITCHES, RECEPTACLES, ETC. IN A LEVEL/PLUMB ORIENTATION.

37- THE CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APROVAL FOR THE FOLLOWING ITEMS:

-ALL ITEMS SHOWN ON ONE-LINE DIAGRAMS.
-ALL LIGHTING FIXTURES SHOWN ON FIXTURE SCHEDULE.
-ALL WIRE AND CABLE.

38- PROVIDE MULTI-WIRE BRANCH CIRCUITS UTILIZING COMMON NEUTRALS (EXCEPT AS OTHERWISE NOTED), FOR LIGHTING, RECEPTACLES AND SINGLE PHASE EQUIPMENT. CIRCUIT NUMBERS ADJACENT TO FIXTURES, DEVICES AND OUTLETS ARE INDICATED AS A GUIDE FOR PROPER CONNECTION OF MULTI-WIRE CIRCUITS AT PANELS.

34- SAFETY SWITCH RATING, FUSE AND POLES WILL BE INDICATED AS FOLLOWS:

A. FOR EQUIPMENT CONNECTED TO THE MOTOR CONTROL CENTERS ON THE ONE LINE DIAGRAMBESIDE THE SYMBOL.

B. FOR EQUIPMENT CONNECTED TO PANELBOARDS: ON THE FLOOR PLANS BESIDE THE SYMBOL.

C. REFER TO DETAILS ON DWGS. AND TO SPECIFICATIONS SECTIONS 16170 FOR NEMA TYPE ENCLOSURE AND MOUNTING.

D. ALL SAFETY SWITCHES EXPOSED TO THE WEATHER SHALL BE STAINLESS STEEL EXCEPT AS NOTED.

PANEL SCHEDULE

FLUSH MOUNTED "LP" — VOLTS 120/240 SERVICE: 1 Ph. 3 W — 10 K AMPS. SYM I.C COPPER BUS AND GROUND BUS — MAINS: 125 A MLO STAINLESS STEEL NEMA 4x — TOTAL KW=10

CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS	CKT. NO.	ΦA ΦB	CKT. NO.	CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS
LIGHTPOLES (1)	20	1	BAB	120	1		2	LIGHTING (1)	20	1	BAB	120
LIGHTING (1)	20	1	BAB	120	3		4	LIGHTING (1)	20	1	BAB	120
SPARE	20	1	BAB	120	5		6	SPARE	20	1	BAB	120
							8-14	SPARE	-	1	BAB	120
SPACE	-	-	BAB	120	5-17		16 18	"LP-2"	70	2	BAB	240

(1) THRU "LCP-1": LIGHTING CONTACTOR PANEL INSIDE WEATHERPROOF STAINLESS STEEL CABINET CONSISTING OF:
4-1P-20 AMP. RELAYS ACTIVATED THRU PHOTOCELL FOR CKTS. 1,2.
4-1P-20 AMP. RELAYS ACTIVATED THRU TIMER SWITCH W/RESERVE POWER CKTS. 3,4

PANEL SCHEDULE

FLUSH MOUNTED, "LP-2" — VOLTS 120/240 SERVICE: 1 Ph. 3 W — 10 K AMPS. SYM I.C COPPER BUS AND GROUND BUS — MAINS: 125 AMP. M/O STAINLESS STEEL NEMA 4X — TOTAL KW=5

CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS	CKT. NO.	ΦA ΦB	CKT. NO.	CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS
LIGHT POLES (1)	20	1	BAB	120	1		2	LIGHTING (1)	20	1	BAB	120
LIGHT POLES (1)	20	1	BAB	120	3		4	LIGHTING (1)	20	1	BAB	120
SPARE	20	1	BAB	120	5		6	LIGHTING (1)	20	1	BAB	120
SPACE	-	1	BAB	120	5-17		8-18	SPACE	-	1	BAB	120

(1) THRU "LCP-2": LIGHTING CONTACTOR PANEL INSIDE WEATHERPROOF STAINLESS STEEL CABINET CONSISTING OF:
6-1P-20 AMP. RELAYS ACTIVATED THRU PHOTOCELL FOR CKTS. 1,3,6.
4-1P-20 AMP. RELAYS ACTIVATED THRU TIMER SWITCH W/RESERVE POWER CKTS. 2,4

ENRIQUE M. FIGUEROA SANTOS — INGENIERO LICENCIADO — LIC. 16783 — PUERTO RICO

Date:

Revisions:
No. Description Date

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ENGINEERING & ARCHITECTURAL SERVICES
PSC
PUERTO RICO CORP. PKG
LICENSE NO. 2

Certification:
Yo, **Enrique Figueroa Santos**, ingeniero electricista autorizado a ejercer la profesión de ingeniería en Puerto Rico, certifico que los planos y las especificaciones complementarias de este proyecto fueron preparados por mí o bajo mi supervisión y cumplen con las disposiciones aplicables del Reglamento Conjunto de Permisos para Obras de Construcción y Uso de Terrenos, el Código de Construcción vigentes de las Ayenidas, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción sobre el proyecto. Además, estos planos y especificaciones satisfacen las normas mínimas de diseño establecidas en la Ley Núm. 45 de 18 de abril de 1935, según enmendada, conocida como la "Ley para la Inversión por la Calidad en la Construcción de Obras Públicas en Puerto Rico", según enmendada. Ley Núm. 76 de 6 de julio de 1978, según enmendada, y por otras personas con mi supervisión. Por lo tanto, asumo la responsabilidad de cualquier acción judicial y/o declaración falsa o falsificación de los hechos que se haya incurrido en la preparación de estos documentos por mí, mis agentes o empleados, o por otras personas con mi supervisión, responsable de cualquier acción judicial y/o desplazará por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio / PR

Project Info:
Cadastre: 092-000-005-67
Parcel #: 092-000-0020
Project #: 2340
2/12/2024 1:11:18PM

Drawing Name:
LEGEND, NOTES
SCHEDULES & DETAILS

Drawing Scale:
AS SHOWN
Drawing Status:
ISSUED FOR PERMIT

Layout ID:
E-2.1

Revision:

Modified by:

Checked by:

Approved by

ELECTRICAL LEGEND

- CONDUIT RUN EXPOSED ON SLAB OR ABOVE HUNG CEILING.
- CONDUIT RUN EMBEDDED IN FLOOR OR HALL.
- CONDUIT RUN TO PANEL. ARROWS INDICATE NUMBER OF CIRCUITS IN CONDUIT. NUMBER OF CONDUCTORS AS INDICATED BY CROSSLINES.
- CEILING OUTLET FOR LIGHTING FIXTURE.
- WALL OUTLET FOR LIGHTING FIXTURE AT 7'-0" A.F.F.
- DUPLEX GROUNDING CONVENIENCE RECEPTACLE, 20 AMPS., 125 VOLTS, SPECIFICATION GRADE, AT 18" A.F.F. UNLESS OTHERWISE INDICATED. (GFR-GROUND FAULT FEED THRU TYPE)
- SAME AS ABOVE BUT AT 42" A.F.F.
- SAME AS ABOVE BUT AT 6'-0" A.F.F.
- SAME AS ABOVE BUT WITH PVC WATER-PROOF COVER . 18" A.F.F.
- RANGE RECEPTACLE, GROUNDING TYPE, 2 POLES, 3 WIRES, 50 AMPS, 250 VOLTS AT 1'-6" AFF, NEMA14-50R. (FOR IN-LINE W/H. HEIGHT SHALL BE COORDINATED W/ PLUMBING CONTRACTOR)
- W/H RECEPTACLE, 250 VOLTS, 30 AMPS., 36" A.F.F.
- SINGLE POLE SWITCH, 20 AMPS., 125 VOLTS, 4'-0" A.F.F.
- TWO SINGLE POLE SWITCHES IN ONE BOX, 20 AMPS, 125 VOLTS AT 4'-0" A.F.F. LETTER INDICATES FIXTURE CONTROLLED.
- SAME AS ABOVE BUT THREE SINGLE POLE SWITCHES IN TRIPLE GANG BOX.
- 2 POLE SWITCH, 30 AMP., 250 VOLTS, WITH PILOT LIGHT, 4'-0" AFF.
- 3 WAY SWITCH, 20 AMPS., 125 VOLTS AT 4'-0" A.F.F.
- PANELBOARD AS PER PANEL SCHEDULE.
- EXHAUST FAN. REFER TO MECH. DWGS.
- SAFETY OR DISCONNECT SWITCH 36" AFF. REFER TO ELECTRICAL PLAN.
- WALL MOUNTED JUNCION BOX, 18" AFF, EXCEPT AS NOTED.
- SAME AS ABOVE BUT 7'-0" AFF.
- CEILING MTD. JBOX.
- CEILING MTD. MULTI TECHNOLOGY OCCUPANCY SENSOR, 120/277V., 20 AMPS.\EQUAL OR SIMILAR TO LEVITON OSC20-MOW. LETTER INDICATES FIXTURE CONTROLLED.
- DUAL TECHNOLOGY SINGLE POLE OCCUPANCY SENSOR, 120V., 20 AMPS. SIMILAR OR EQUAL TO LEVITON OSSMT-6D1 W/ FACE PLATE.

GENERAL NOTES

1- ALL ELECTRICAL CONDUITS SHALL BE PVC SCH.40 - 3/4" MINIMUM LARGER OR OTHER TYPE OF CONDUIT AS INDICATED ON DRAWINGS.

2- CONDUCTORS SHALL BE COPPER WITH 600 VOLTS THHN INSULATION. MINIMUM SIZE SHALL BE #12 A.W.G., EXCEPT AS NOTED.

3- USE WHITE COLOR FOR ALL WIRING DEVICES, PLATES SHALL BE WHITE THERMOPLASTIC.

4- THE TELEPHONE SYSTEM SHALL BE WIRED BY OTHERS. A #14 GALV.. WIRE SHALL BE LEFT IN EACH OUTLET.

5- THE COMPLETE ELECTRICAL INSTALLATION SHALL BE IN COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE, LATEST EDITION, AND THE REGULATIONS OF P.R.E.P.A.

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UP TO 16 CONDUCTORS 4 11/16"X4 11/16"X2 1/2"

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10- INSTALL A #12sh JUMPER BETWEEN CONVENIENCE RECEPTACLE GROUND TERMINAL AND OUTLET BOX GROUND TERMINAL.

11- GROUND WIRE IN PVC CONDUIT NOT SHOWN, MUST BE PROVIDED.

12- VERIFY ALL ELECTRICAL REQUIREMENTS AND EXACT LOCATIONS OF EQUIPMENT WITH DRAWINGS AND SPECIFICATIONS. CHECK AND VERIFY ALL DIMENSIONS IN THE FIELD.

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-ALL LIGHTING FIXTURES SHOWN ON FIXTURE SCHEDULE.
-ALL WIRE AND CABLE.

38- PROVIDE MULTI-WIRE BRANCH CIRCUITS UTILIZING COMMON NEUTRALS (EXCEPT AS OTHERWISE NOTED), FOR LIGHTING, RECEPTACLES AND SINGLE PHASE EQUIPMENT. CIRCUIT NUMBERS ADJACENT TO FIXTURES, DEVICES AND OUTLETS ARE INDICATED AS A GUIDE FOR PROPER CONNECTION OF MULTI-WIRE CIRCUITS AT PANELS.

34- SAFETY SWITCH RATING, FUSE AND POLES WILL BE INDICATED AS FOLLOWS:

A. FOR EQUIPMENT CONNECTED TO THE MOTOR CONTROL CENTERS ON THE ONE LINE DIAGRAMBESIDE THE SYMBOL.

B. FOR EQUIPMENT CONNECTED TO PANELBOARDS: ON THE FLOOR PLANS BESIDE THE SYMBOL.

C. REFER TO DETAILS ON DWGS. AND TO SPECIFICATIONS SECTIONS 16170 FOR NEMA TYPE ENCLOSURE AND MOUNTING.

D. ALL SAFETY SWITCHES EXPOSED TO THE WEATHER SHALL BE STAINLESS STEEL EXCEPT AS NOTED.

PANEL SCHEDULE

FLUSH MOUNTED "LP" — VOLTS 120/240 SERVICE: 1 Ph. 3 W — 10 K AMPS. SYM I.C COPPER BUS AND GROUND BUS — MAINS: 125 A MLO STAINLESS STEEL NEMA 4x — TOTAL KW=10

CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS	CKT. NO.	ΦA ΦB	CKT. NO.	CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS
LIGHTPOLES (1)	20	1	BAB	120	1		2	LIGHTING (1)	20	1	BAB	120
LIGHTING (1)	20	1	BAB	120	3		4	LIGHTING (1)	20	1	BAB	120
SPARE	20	1	BAB	120	5		6	SPARE	20	1	BAB	120
							8-14	SPARE	-	1	BAB	120
SPACE	-	-	BAB	120	5-17		16 18	"LP-2"	70	2	BAB	240

(1) THRU "LCP-1": LIGHTING CONTACTOR PANEL INSIDE WEATHERPROOF STAINLESS STEEL CABINET CONSISTING OF:
4-1P-20 AMP. RELAYS ACTIVATED THRU PHOTOCELL FOR CKTS. 1,2.
4-1P-20 AMP. RELAYS ACTIVATED THRU TIMER SWITCH W/RESERVE POWER CKTS. 3,4

PANEL SCHEDULE

FLUSH MOUNTED, "LP-2" — VOLTS 120/240 SERVICE: 1 Ph. 3 W — 10 K AMPS. SYM I.C COPPER BUS AND GROUND BUS — MAINS: 125 AMP. M/O STAINLESS STEEL NEMA 4X — TOTAL KW=5

CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS	CKT. NO.	ΦA ΦB	CKT. NO.	CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS
LIGHT POLES (1)	20	1	BAB	120	1		2	LIGHTING (1)	20	1	BAB	120
LIGHT POLES (1)	20	1	BAB	120	3		4	LIGHTING (1)	20	1	BAB	120
SPARE	20	1	BAB	120	5		6	LIGHTING (1)	20	1	BAB	120
SPACE	-	1	BAB	120	5-17		8-18	SPACE	-	1	BAB	120

(1) THRU "LCP-2": LIGHTING CONTACTOR PANEL INSIDE WEATHERPROOF STAINLESS STEEL CABINET CONSISTING OF:
6-1P-20 AMP. RELAYS ACTIVATED THRU PHOTOCELL FOR CKTS. 1,3,6.
4-1P-20 AMP. RELAYS ACTIVATED THRU TIMER SWITCH W/RESERVE POWER CKTS. 2,4

ENRIQUE M. FIGUEROA SANTOS — INGENIERO LICENCIADO — LIC. 16783 — PUERTO RICO

Date:

Revisions:
No. Description Date

e figueroa p.s.c
INGENIEROS CONSULTORES
Tel. (787) 273-2345 Fax (787) 273-2346
www.figueroaingenieros.com

ERBA
ENGINEERING & ARCHITECTURAL SERVICES
PSC
PUERTO RICO CORP. PKG
LICENSE NO. 2

Certification:
Yo, **Enrique Figueroa Santos**, ingeniero electricista autorizado a ejercer la profesión de ingeniería en Puerto Rico, certifico que los planos y las especificaciones complementarias de este proyecto fueron preparados por mí o bajo mi supervisión y cumplen con las disposiciones aplicables del Reglamento Conjunto de Permisos para Obras de Construcción y Uso de Terrenos, el Código de Construcción vigentes de las Ayenidas, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción sobre el proyecto. Además, estos planos y especificaciones satisfacen las normas mínimas de diseño establecidas en la Ley Núm. 45 de 18 de abril de 1935, según enmendada, conocida como la "Ley para la Inversión por la Calidad en la Construcción de Obras Públicas en Puerto Rico", según enmendada. Ley Núm. 76 de 6 de julio de 1978, según enmendada, y por otras personas con mi supervisión. Por lo tanto, asumo la responsabilidad de cualquier acción judicial y/o declaración falsa o falsificación de los hechos que se haya incurrido en la preparación de estos documentos por mí, mis agentes o empleados, o por otras personas con mi supervisión, responsable de cualquier acción judicial y/o desplazará por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio / PR

Project Info:
Cadastre: 092-000-005-67
Parcel #: 092-000-0020
Project #: 2340
2/12/2024 1:11:18PM

Drawing Name:
LEGEND, NOTES
SCHEDULES & DETAILS

Drawing Scale:
AS SHOWN
Drawing Status:
ISSUED FOR PERMIT

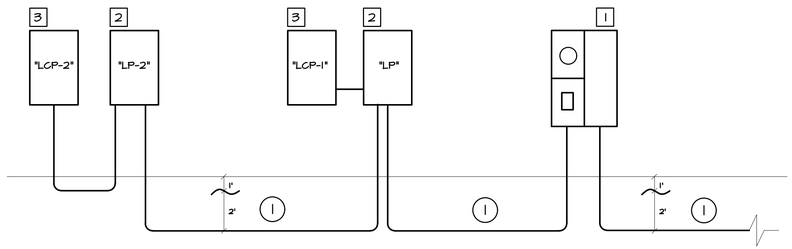
Layout ID:
E-2.1

Revision:

Modified by:

Checked by:

Approved by



ELECTRICAL ONE LINE DIAGRAM

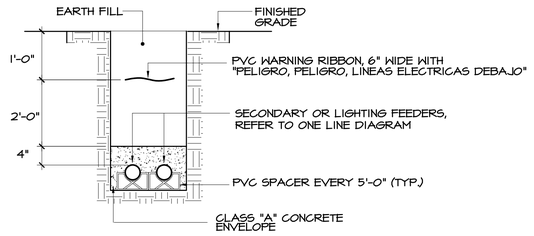
NOT TO SCALE

[1] NEW STAINLESS STEEL METERBASE 120/240V,1PH,1125 AMPS. 4 CLIPS W/2P-100 AMP. MAIN BREAKER.

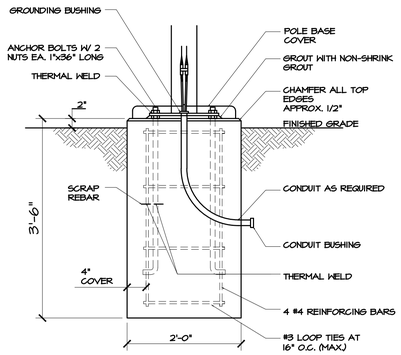
[2] NEW PANELBOARD, REFER TO SCHEDULE.

[3] NEW LIGHTING CONTRACTOR, REFER TO DESCRIPTION.

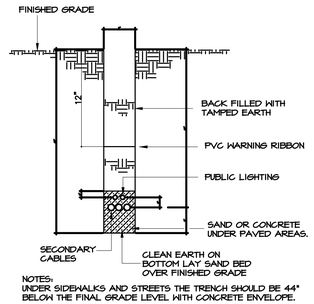
(1) 3 NO.2 THHN, 1 NO.6 GND-2" PVC SCH.40.



EXCAVATION DETAIL
SECT. "B-B"



LIGHTPOLE BASE DETAIL
N.T.S.



NOTES:
UNDER SIDEWALKS AND STREETS THE TRENCH SHOULD BE 44" BELOW THE FINAL GRADE LEVEL WITH CONCRETE ENVELOPE.

TRENCH AND RELATIVE POSITIONS OF CONDUCTOR



Date:

Revision | Revision Name:

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Certification:
We, **Enrique Figueroa Santos Buigas**, hereby certify that these plans and specifications are in accordance with the applicable Regulations and Codes. Also, that these plans and specifications complies with the dispositions applicables del Reglamento y Código de Construcción vigentes de las Agencias, Juntas, Reglamentaciones o Corporaciones Públicas con excepciones que se han tomado oportunamente con la autoridad competente, excepto aquellas que se hayan anotado como la "Ley para la Inversión por la Declaración Jurada" y la Ley Núm. 76 de 6 de julio de 1978, según enmendada, Ley Núm. 85 de 29 de agosto de 1958, según enmendada, Ley Núm. 76 de 6 de julio de 1978, según enmendada, conocida como la "Ley para la Declaración Jurada" o cualquier otra ley que la sustituya, en cuyo caso la clasificación de los hechos que se haya realizado por mi, mis agentes o empleados, o por otras personas con mi autorización, es responsabilidad de cualquier acción judicial y disciplinaria por la OGPe.

Project:
Comerio Water Front Park
107 Calle Georgetti
#Site Address2
Comerio - PR

Client:
Municipality of Comerio Waterfront Park
#Client Company
11 Calle Jose de Diego
Comerio I PR

Project Info:
Cadastre: 092-000-005-67
Permit #: 2024-0003970
Project #: E-2-02
2/12/2024 1:11:18PM

Drawing Name:
ELECTRICAL ONE LINE DIAGRAM AND DETAILS

Drawing Scale:
AS SHOWN
Drawing Status:
ISSUED FOR PERMIT

Layout ID:
E-2.2

Revision:

Modified by:

Checked by:

Approved by

PR-CRP-000570
Waterfront Park Project
Comerío, Puerto Rico

Municipal Ordinances

HON. JUAN B. PADILLA COSME
Presidente

Tel. 787-875-5540
e-mail: legislaturacomerio@gmail.com

CERTIFICACIÓN

Yo, Heriberto Fernández López, Secretario de la Legislatura del Municipio Autónomo de Comerío, Puerto Rico, certifico la:

ORDENANZA NUMERO 5 SERIE 2024-2025- DE LA LEGISLATURA DEL MUNICIPIO AUTÓNOMO DE COMERÍO, DEL GOBIERNO DE PUERTO RICO, PARA AUTORIZAR A LA ADMINISTRACIÓN MUNICIPAL A DECLARAR COMO PELIGRO INMINENTE DE COLAPSO, ESTRUCTURALMENTE INESTABLES E INSEGURAS PARA LA OCUPACIÓN HUMANA, LAS PROPIEDADES A UTILIZARSE EN EL PROYECTO "COMERÍO WATERFRONT PARK"; Y PARA OTROS FINES.

Aprobada por la Legislatura del Municipio Autónomo de Comerío, el 18 de noviembre de 2024 con los votos en la afirmativa de los siguientes Legisladores:

Hon. Juan B. Padilla Cosme
Hon. Mary Carmen Rodríguez Alejandro
Hon. Elba E. Martínez Meléndez
Hon. Sol Edwin Berrios Febo
Hon. Cristian González López
Hon. Dalila Santana Díaz
Hon. Rafael A. García Acosta
Hon. Carmen N. Alvarado Malavé
Hon. Miguel A. Fonseca Hernández
Hon. Cynthia B. García Rivera
Hon. Raúl F. Figueroa Berrios

Ausentes:

Hon. José A. Rodríguez Otero
Hon. Randy Reyes Pimentel
Hon. José A. Flores González

De lo cual doy Fe y firmo hoy, 18 de noviembre de 2024, en Comerío, Puerto Rico.

Hon. Juan B. Padilla Cosme
Presidente
Legislatura Municipal

Sr. Heriberto Fernández López
Secretario
Legislatura Municipal

HON. JUAN B. PADILLA COSME
Presidente

Tel. 787-875-5540
e-mail: legislaturacomerio@gmail.com

ORDENANZA NÚMERO 5 **SERIE 2024-2025**

DE LA LEGISLATURA DEL MUNICIPIO AUTÓNOMO DE COMERÍO, DEL GOBIERNO DE PUERTO RICO, PARA AUTORIZAR A LA ADMINISTRACIÓN MUNICIPAL A DECLARAR COMO PELIGRO INMINENTE DE COLAPSO, ESTRUCTURALMENTE INESTABLES E INSEGURAS PARA LA OCUPACIÓN HUMANA, LAS PROPIEDADES A UTILIZARSE EN EL PROYECTO "COMERÍO WATERFRONT PARK"; Y PARA OTROS FINES.

POR CUANTO: El Municipio de Comerío tiene aprobado un proyecto con el Departamento de la Vivienda Federal, bajo el programa CDBG-DR, City Revitalization, el cual consiste de un paseo ribereño denominado "Comerío Waterfront Park", bajo el número de proyecto PR-CRP-000570.

POR CUANTO: El Municipio de Comerío recibió un informe de evaluación y recomendación sobre diez estructuras localizadas en la huella del proyecto "Comerío Water Front Park", de fecha 13 de noviembre de 2024, firmado por el ingeniero estructural, Ing. Arturo B. Beale Cosio. Dicho informe determinó que las diez estructuras representan un peligro inminente de colapso y que su capacidad estructural es insuficiente, por lo que recomendó la demolición de las mismas con urgencia.

POR CUANTO: Las propiedades que se interesan declarar como peligro inminente de colapso y con capacidad estructural insuficiente, están identificadas bajos los siguientes números de catastro:

- 222-094-037-54
- 222-094-037-53
- 222-094-037-50
- 222-094-037-49
- 222-094-037-48
- 222-094-037-47
- 222-094-037-46
- 222-094-037-77
- 222-094-037-76
- 222-094-037-44

POR CUANTO: Las propiedades antes mencionadas cumplen los criterios para la identificación de estructuras y construcciones colapsadas, conforme el informe de evaluación y recomendación del Ing. Arturo B. Beale Cosio. Por todo

lo que antecede, se hace necesaria la aprobación de la presente Ordenanza Municipal, para que conste la declaración como peligro inminente de colapso, estructuralmente inestables e inseguras para la ocupación humana, las propiedades a utilizarse en el proyecto "Comerio Waterfront Park", de conformidad con *SHPO Programmatic Agreement for Section 106 Review Second Amendment.*

POR TANTO: **ORDÉNESE POR LA LEGISLATURA DEL MUNICIPIO AUTÓNOMO DE COMERÍO COMO POR LA PRESENTE SE ORDENA LO SIGUIENTE:**

SECCION 1RA: Autorizar a la Administración Municipal a declarar como peligro inminente de colapso, estructuralmente inestables e inseguras para la ocupación humana, las propiedades a utilizarse en el proyecto "Comerio Waterfront Park".

SECCION 2DA: Las propiedades a ser declaradas como peligro inminente de colapso, estructuralmente inestables e inseguras para la ocupación humana, a utilizarse en el proyecto "Comerio Waterfront Park" son las siguientes:

Estructura	Dirección	Número de catastro
B	79 Calle Georgetti, Comerío, PR	222-094-037-54
C	81 Calle Georgetti, Comerío, PR	222-094-037-53
D	80 Calle Georgetti, Comerío, PR	222-094-037-50
E	87 Calle Georgetti, Comerío, PR	222-094-037-49
F	Calle Georgetti, Comerío, PR	222-094-037-48
G	91 Calle Georgetti, Comerío, PR	222-094-037-47
H	93 Calle Georgetti, Comerío, PR	222-094-037-46
I (Parking)	97, 99, 119 Calle Georgetti, Comerío, PR	222-094-037-77 222-094-037-76 222-094-037-44

SECCION 3RA: Autorizar la demolición de las estructuras antes mencionadas con urgencia, previo a los trámites correspondientes.

SECCION 4TA: Esta Ordenanza entrará en vigencia una vez sea aprobada por la Legislatura Municipal, firmada por el Presidente y por el Alcalde Interino.

SECCION 5TA: Copia de esta Ordenanza Certificada será enviada a las dependencias municipales, estatales y federales concernientes.

APROBADA POR LA LEGISLATURA DEL MUNICIPIO AUTÓNOMO DE COMERÍO DEL GOBIERNO DE PUERTO RICO, HOY 18 DE NOVIEMBRE DE 2024.

HON. JUAN B. PADILLA COSME
PRESIDENTE
LEGISLATURA MUNICIPAL

SR. HERIBERTO FERNÁNDEZ LÓPEZ
SECRETARIO
LEGISLATURA MUNICIPAL

APROBADA Y FIRMADA POR EL LCDO. IRVIN LL. RIVERA GONZÁLEZ, ALCALDE INTERINO DEL MUNICIPIO AUTÓNOMO DE COMERÍO, PUERTO RICO, EL 20 DE NOVIEMBRE DE 2024.

LCDO. IRVIN LL. RIVERA GONZÁLEZ
ALCALDE INTERINO

SUITE 206
www.erbarquitectos.com

13 de noviembre de 2024

Ing. Héctor Pérez Colón
Director de Gerencia de Proyectos
Municipio de Comerío
P.O. Box 1108
Comerío, Puerto Rico 00782

Vía correo electrónico: comerio.cdbgdr@gmail.com
cc: comerio.cr@gmail.com, otcomerio@gmail.com

RE: **Recomendación para la demolición de estructuras como parte del desarrollo del proyecto PR-CRP-000570 Waterfront en el Municipio de Comerío**

Estimado ingeniero Pérez:

A razón de una evaluación frontal y posterior de cada una de las estructuras de epígrafe, que se realizara a través de las ventanas ubicadas en la fachada principal, hemos determinado que:

Las estructuras representan un peligro inminente de colapso y su capacidad estructural es insuficiente. Por ende, recomendamos la demolición de estas con la premura que esta acción requiere. Las estructuras identificadas bajo este riesgo constan de las siguientes:

Números de catastros:

222-094-037-54, 22-094-037-53, 222-094-037-52, 222-094-037-51, 222-094-037-50, 222-094-037-49, 222-094-037-48, 222-094-037-47, 222-094-037-46, 222-094-037-77, 222-094-037-76, 222-094-037-44,

Recalcamos que las estructuras requieren de señalización que prohíba el acceso a estas. Estas medidas deben ser una acción inmediata.

Atentamente,

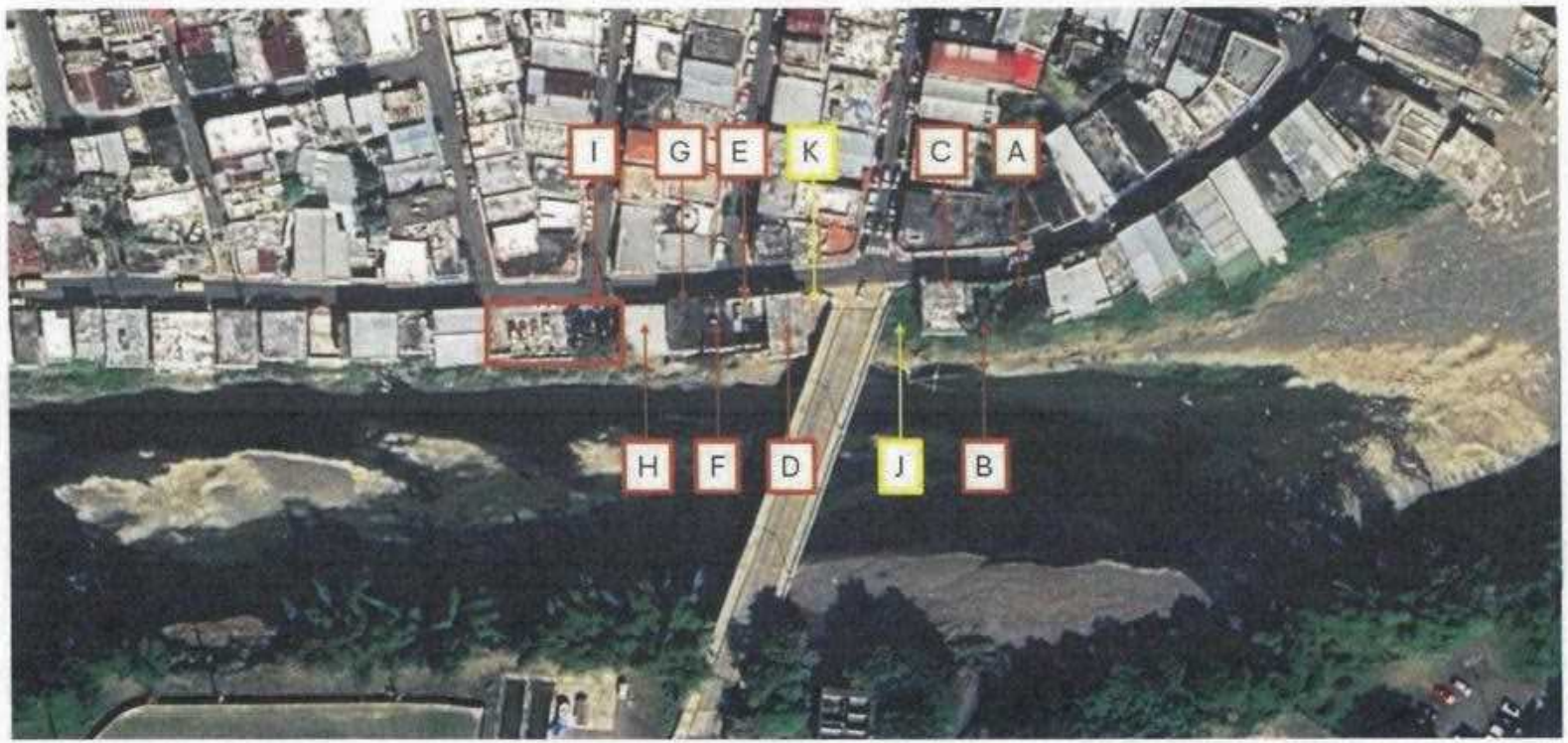
ARTURO BEALE
INGENIERO LICENCIADO
LIC. 7807
PUERTO RICO

Ing. Arturo A. Beale Cosio, CIAPR Lic. 7807
Ingeniero Estructural

Arq. Eugenio M. Ramírez Ballagas, AIA, CAAPPR
Principal – Arquitecto Licenciado
ERB Arquitectos, PSC
Anejos

INTERVENTION - COMERIO WATERFRONT PARK

Site Plan Location for intervention



Area of Potential Effect Map Legend

Legend			
Building Identification	Address	Cadaster Lot	Building Demolition
A	Georgetti Street #77, Comerio, Puerto Rico (Lat. 18.2173917, Long. -66.226425)	222-094-037-55	No
B	Georgetti Street #79, Comerio Puerto Rico (Lat. 18.2173722, Long. -66.226505)	222-094-037-54	Yes
C	Georgetti Street #81, Comerio Puerto Rico (Lat. 2173583, Log. -66.22666111)	222-094-037-53	Yes
D	Georgetti Street #80, Comerio Puerto Rico (Lat. 18.217275, Long. -18.226927)	222-094-037-50	Yes
E	Georgetti Street #87, Comerio Puerto Rico (Lat. 18.2172694, Long. -66.227011)	222-094-037-49	Yes
F	Georgetti Street, Comerio Puerto Rico (Lat. 18.21725, Long. -66.227075)	222-094-037-48	Yes
G	Georgetti Street #91, Comerio Puerto Rico (Lat. 18.2172361, Log. -66.227147)	222-094-037-47	Yes
H	Georgetti Street #93 Comerio Puerto Rico (Lat. 18.2172139, Long. -66.2272416)	222-094-037-46	Yes
I Parking	Georgetti Street #97, #99, #119, Comerio Puerto Rico (Lat. 18.217186, Long. -66.22741111)	222-094-037-77 222-094-037-76 222-094-037-44	Yes
J (Parcel without building)	Georgetti Street #81, Comerio Puerto Rico (Lat. 18.2173361, Long. -66.226672)	222-094-057-52	N/A
K (Parcel without building)	Georgetti Street #83, Comerio Puerto Rico (Lat. 18.2173083, Long. -66.226863)	222-094-037-51	N/A

Figure #1-B

Project (Parcel) Location – Property A



Cadaster Number #222-094-097-55

Figure #2

Project (Parcel) Location – Property B



Cadaster Number #222-094-037-54

Figure #3

Project (Parcel) Location – Property C



Cadaster Number #222-094-037-53

Figure #4

Project (Parcel) Location – Property D



Cadaster Number #222-094-037-50

Figure #5

Project (Parcel) Location – Property E



Cadaster Number #222-094-037-49

Figure #6

Project (Parcel) Location – Property F



Cadaster Number #222-094-037-48

Figure #7

Project (Parcel) Location – Property G



Cadaster Number #222-094-037-47

Figure #8

Project (Parcel) Location – Property H



Cadaster Number #222-094-037-46

Figure #9

Project (Parcel) Location – Property I



Cadaster Number #222-094-037-77 (76. 44)

Figure #10

23 DE JULIO DE 2023

Lic. Félix E. Rivera
Secretario Auxiliar
DEPARTAMENTO DE DESARROLLO ECONÓMICO Y COMERCIO
Oficina de Gerencia de Permisos
PO Box 41179
San Juan, Puerto Rico 00940-1179

NO OBJECIÓN

CASO OGPE:	2023-509021-SRA-300388
DESCRIPCIÓN:	WATERFRONT PARK CBDG-PR-CRP-000570
MUNICIPIO:	COMERÍO
UBICACIÓN:	CALLE GEORGETTI **#93, #95, #91, #87, #60, #79, #77, #75**
CATASTRO:	222-094-037-46-000, 222-094-037-47-001, 222-094-037-48, 222-094-037-49-802, 222-094-037-50-001, 222-094-037-53-001, 222-094-037-54-001 Y 222-094-037-55-001
CALIFICACIÓN:	C-I
PROPIETARIO:	MUNICIPIO AUTÓNOMO DE COMERÍO (INTENCIÓN DE COMPRA)
PROPONENTE:	MUNICIPIO AUTÓNOMO DE COMERÍO

El Instituto de Cultura Puertorriqueña (**ICP**), por medio de su Programa de Patrimonio Histórico Edificado (**ICP-PPHE**), ha examinado el proyecto de referencia para determinar si afecta Propiedades de Valor Histórico y Arquitectónico que estén protegidas, o sean elegibles a serlo, bajo las leyes y reglamentos que nuestra agencia tiene responsabilidad de administrar, como agencia primaria, endosante o recomendante. Estas leyes y reglamentos incluyen, entre otros:

1. La Ley 89 del 21 de junio de 1955 S.E., Ley Orgánica del Instituto de Cultura Puertorriqueña, en especial el inciso 4(a)(7), "Determinar que edificios o estructuras son de valor histórico o artístico en Puerto Rico. (…)" y el inciso 4(a)(8), "Asesorar a la Junta de Planificación en la reglamentación de construcción en aquellas zonas que determine como zonas de valor histórico. (…)".
2. La Ley 89 del 21 de junio de 1955 S.E., Ley Orgánica del Instituto de Cultura Puertorriqueña, en su inciso 4(b)(3) según enmendado por la ley 119 del 26 de septiembre de 2005, que permite "adoptar, enmendar o derogar, por conducto de su Junta de Directores, las reglas que gobiernen [el] funcionamiento y el descargo de los poderes" concedidos e impuestos al ICP por ley, y la imposición de multas administrativas y/u otras sanciones por su incumplimiento o violación.

    a. Reglamento de Procedimientos Administrativos del Programa de Patrimonio Histórico Edificado del Instituto de Cultura Puertorriqueña registrado en el Departamento de Estado como Reglamento Núm. 7746 con vigencia del 3 de abril de 2009.

3. Ley Núm. 161 de 1 de diciembre de 2009, S.E., Ley para la Reforma del Proceso de Permisos de Puerto rico, Artículo 1.5, inciso 31, el Instituto de Cultura Puertorriqueña es identificado como una de las agencias gubernamentales concernidas y con injerencia sobre el proceso de evaluación de solicitudes para el desarrollo y uso de terrenos, consultas, permisos, licencias, certificaciones, autorizaciones o cualquier trámite para la operación de negocios en Puerto Rico. Esta Ley establece claramente el requerimiento de autorización escrita previa del ICP para toda intervención y operación en las propiedades incluidas en el Registro de Sitios y Zonas Históricas de Puerto Rico, *plazas de recreo* y centros fundacionales (ver Reglamento Conjunto).

   A. Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operaciones de Negocios (RC-2023), registrado en el Departamento de Estado de Puerto Rico con vigencia de 16 de junio de 2023. Tomo X: Conservación de Recursos Históricos
   B. Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operaciones de Negocios (RC-2023); registrado en el Departamento de Estado de Puerto Rico con vigencia de 16 de junio de 2023. Tomos II, III, IV, VI, VII, IX (ver anejo 1 con identificación de Reglas correspondientes).

4. La Ley Núm. 183 de 21 de agosto de 2000, S.E., Ley Orgánica de la Oficina Estatal de Conservación Histórica, Artículo 7(b) y Artículo 8 (b), establece implícitamente el requerimiento de la recomendación favorable previa del ICP en permisos para proyectos que cuenten con fondos, permisos o asistencia de alguna agencia federal para realizar intervenciones que puedan impactar propiedades localizadas en el territorio de Puerto Rico que hayan sido incluidas en el Registro Nacional de Lugares Históricos en Washington o sean elegibles al mismo.[1]
5. Ley Núm. 60 de 1 de julio de 2019, S.E., Código de Incentivos de Puerto Rico, Capítulo 7 Infraestructura y Energía Verde, Sección 2071.01, Inciso 1: Se provee para que un negocio establecido, o que será establecido, en Puerto Rico por una Persona, organizado o no bajo un nombre común, pueda solicitarle al Secretario del DDEC la Concesión de Incentivos cuando la Entidad se establece en Puerto Rico para dedicarse a una de las siguientes actividades elegibles: Realizar obras de mejoras, restauración o reconstrucción de edificios existentes, u obras de reestructuración o nueva construcción en solares baldíos en las **Zonas Históricas de Puerto Rico**, y los alquileres de tales edificios localizados en tales zonas una vez hayan sido mejorados, restaurados, reconstruidos, restructurados o construidos, según sea el caso. Se requiere la Recomendación del ICP.
6. La exigencia de endoso o comentario del **ICP** aplicable a propiedades designadas de valor histórico y arquitectónico por otros medios, tales como:
   a. Resolución de la Asamblea Legislativa.
   b. Monumentos Históricos designados por la Junta de Directores del **ICP.**
   c. Propiedades designadas por un plan de ordenamiento territorial de un Municipio Autónomo y que esté en vigor, o por el Plan de Uso de Terrenos de Puerto Rico.
   d. Ser declaradas históricas en un plan especial de zonificación.

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[1] La OECH **asiste** a las agencias federales en el proceso de cumplimiento con el 54 USC 306108 (Sección 106 de la Ley de Preservación Histórica Nacional) y el 36 CFR Parte 800: Protección de Propiedades Históricas, pero esta consulta **no sustituye** los permisos ni las recomendaciones requeridos en Puerto Rico para intervenciones en propiedades históricas en virtud de la Ley 161-2009, según enmendada, Ley para la Reforma del Proceso de Permisos de Puerto Rico y la Ley 89-1955, según enmendada, Ley Orgánica del Instituto de Cultura Puertorriqueña.

e. Otras propiedades referidas por cualquier componente del Sistema Unificado de Información/Single Business Portal (**SUI/SBP**), la Oficina de Permisos de un Municipio Autónomo con poder de otorgar permisos, la Junta de Planificación, el Programa de Arqueología y Etnohistoria del **ICP**, u otra agencia o entidad de gobierno con poder reglamentario.

7. Petición a solicitud voluntaria de un propietario o derechohabiente de una propiedad.

De acuerdo a nuestros expedientes y la información provista:

1. Las propiedades se localizan dentro del centro urbano tradicional.
2. Originalmente se identificaron dos (2) como propiedades como elegibles pero en la visita del 14 de agosto de 2023 se observaron sus condiciones existentes: están alteradas y representan un peligro para la seguridad. Estas son Georgetti #49 y Georgetti #50.
3. Las ocho (8) propiedades que son necesarias para desarrollar el futuro proyecto Waterfront podrán ser demolidas. En la fase final se identificarán todas las propiedades con fotos de su fachada frontal, posterior, interiores y contexto urbano.
4. Se propone la **actualización** del **caso 2023-509021-SRA-074475**. El caso propone ocho (8) propiedades y dos (2) adicionales a demoler. El Memorial Explicativo incluye 8 propiedades en la table oficial. Por lo tanto, solamente se está actualizando las 10 propiedades del caso 2023-509021-SRA-074475.
5. Las propiedades Georgetti #81, #83, #97, #99 y #119 ***no*** eran parte de la tabla del caso que se pretende actualizar.

Por lo tanto, se emite una determinación de **NO OBJECIÓN A LA DEMOLICIÓN DE LAS PROPIEDADES GEORGETTI #93, #95, #91, #87, #60, #79, #77, #75, #49 Y #50 COMO PARTE DEL FUTURO PROYECTO WATERFRONT A SOMETER.**

Este documento tiene vigencia de un (1) año a partir de su emisión.

Sin otro particular, quedo.

Mildred González Valentín, BDA. MArq.
Subdirectora
Programa Patrimonio Histórico Edificado

MGV/ejc

ANEJO I

1. Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operaciones de Negocios (RC-2023), registrado en el Departamento de Estado de Puerto Rico con vigencia de 16 de junio de 2023. Tomo X. Conservación de Recursos Históricos
   a. Capítulo 10.2 Conservación de Sitios Históricos, Zonas Históricas y Centros Fundacionales.
      1. Regla 10.2.2 Requerimiento Expedición de Permisos y Recomendaciones en Sitios y Zonas Históricas, Sección 10.2.2.3, Sección 10.2.2.4, Sección 10.2.2.3 y Sección 10.2.2.4
      2. Regla 10.2.5 Normas Generales de Intervención

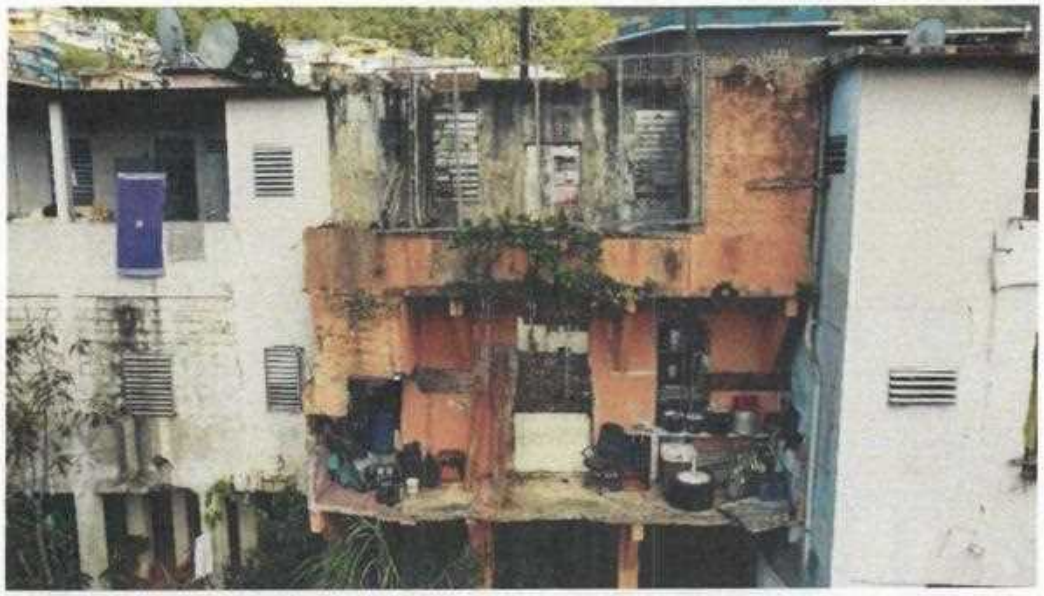
3. Regla 10.2.7 Intervención en Espacios Públicos y Estacionamientos donde ubican Sitios y Zonas Históricas
4. Regla 10.2.8 Obras en las Plazas, Plazuelas, Plazas de Recreo y en las Propiedades Circundantes a éstas, en Zonas Históricas Designadas o en Proceso de Designación
5. Regla 10.2.9 Estacionamiento en Sitios y Zonas Históricas
6. Regla 10.2.10 Rótulos, Cortinas y Toldos en Sitios y Zonas Históricas
7. Regla 10.2.11 Conservación del Patrimonio Inmueble, Sección 10.2.11.5 Requerimiento de Recomendaciones o Certificaciones

2. Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operaciones de Negocios (RC-2023), registrado en el Departamento de Estado de Puerto Rico con vigencia de 16 de junio de 2023. Tomos II, III, IV, VI, VII, IX

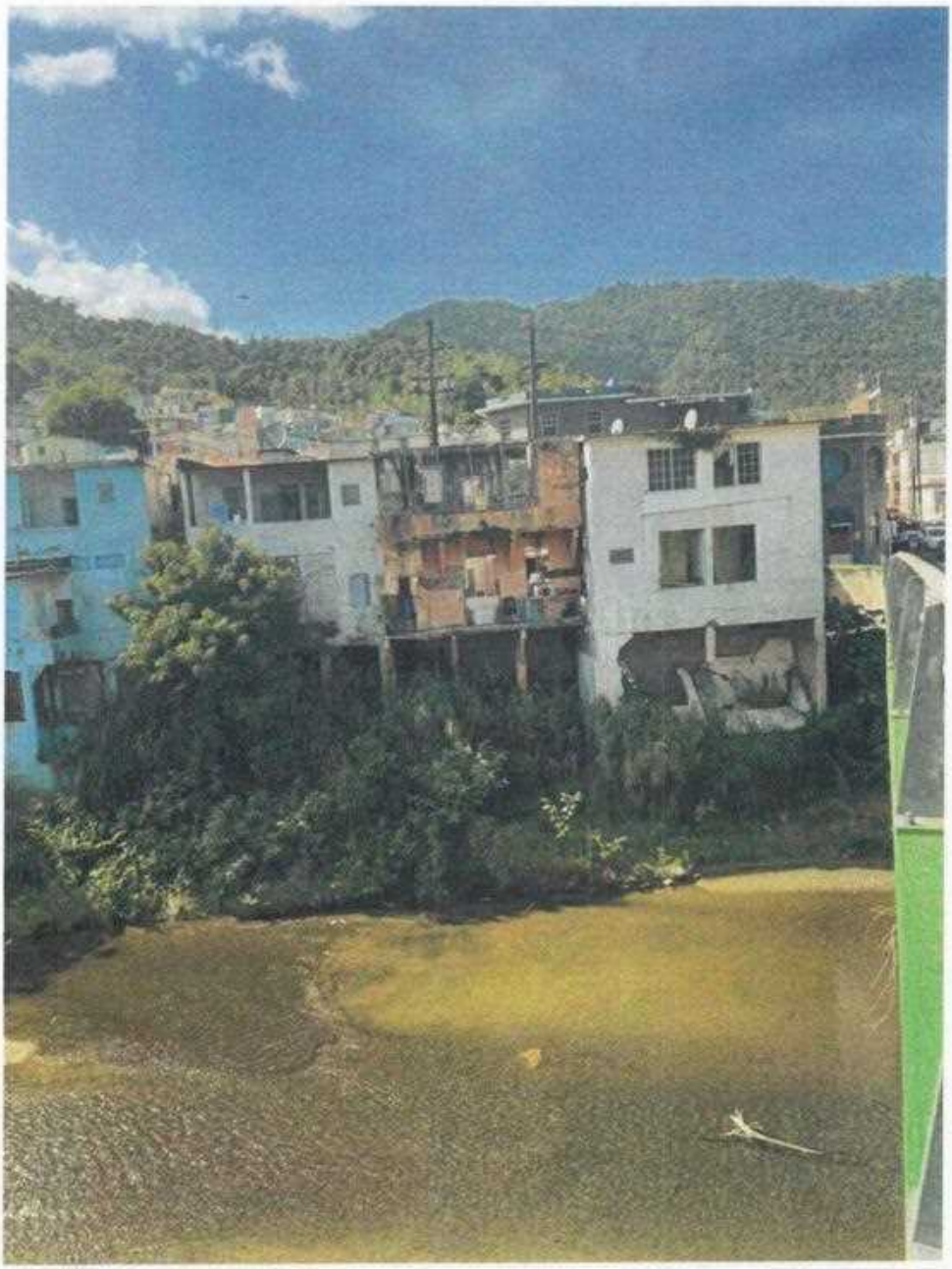
a. Regla 2.1.8, Sección 2.1.8.7, Inciso "b": Todo proyecto público o privado que conlleve movimiento de terreno, excavación, extracción de corteza terrestre o construcción, reconstrucciones o canalizaciones deberá solicitar a la División o Unidad de Evaluación Ambiental (DECA) la recomendación del ICP sobre Arqueología y Conservación Histórica, ya sea a través de la OGPe, los Municipios Autónomos con Jerarquía 1 a la III o el Profesional Autorizado.
b. Regla 2.2.8, Inciso c-10: Consultas de Ubicación a proyectos de mejoras públicas municipales en propiedades y estructuras que ubiquen en los centros fundacionales, dentro de Zonas Históricas o designadas como sitio histórico deberán contar con la recomendación del ICP, previo comienzo de la obra.
c. Regla 2.3.1: El PA requerirá una Recomendación del ICP en todo aquel permiso único a otorgarse en las estructuras oficialmente designadas e incluidas en el Registro de Sitios y Zonas Históricas de la JP y en los centros fundacionales de los Municipios. Los permisos y determinaciones finales a un permiso de construcción y para la demolición, reparación, restauración o remodelación de una estructura con valor histórico requerirán de la recomendación del ICP.
d. Regla 3.2.1 Permisos de Construcción, Sección 3.2.1.2, inciso "f": El proyecto que se encuentre en una zona histórica, centros urbanos tradicionales y yacimientos arqueológicos, la OGPe, Los Municipios Autónomos con jerarquías de la I a la III o los PA, requerirán la recomendación escrita del ICP antes de autorizar cualquier permiso de construcción, conforme a la Regla 10.2.11 de Conservación del Patrimonio Inmueble, en el Tomo X de este Reglamento Conjunto.
e. Regla 3.2.2, inciso "b-6": Si el proyecto se encuentre en una zona histórica, centros urbanos tradicionales y yacimientos arqueológicos, la OGPe, los Municipios Autónomos con Jerarquía I a la III, o los PA, requerirán la recomendación escrita del ICP antes de autorizar la actividad de demolición. En caso de ser una propiedad histórica, estará conforme a lo establecido en este Reglamento Conjunto sobre Conservación de Sitios y Zonas Históricas, entiéndase Tomo X, o cualquier documento formal emitido por las Entidades Gubernamentales Concernidas cuando existe una situación de emergencia previamente decretada por el Gobierno de Puerto Rico o el Gobierno Federal.
f. Regla 3.2.4 Obras Exentas de Permisos de Construcción
    1. Sección 3.2.4.1 Actividades que no se consideran obras de Construcción, inciso "c": Cuando la actividad se vaya a realizar en Sitios y Zonas Históricas así declaradas por la JP, el ICP o la Asamblea Legislativa, o en otras áreas especiales donde así se establezca mediante Reglamento o resolución, deberá obtener la autorización correspondiente del ICP, mediante una solicitud de recomendación de arqueología y conservación histórica ("SRA").
    2. Sección 3.2.4.2 Obras de Carácter Menor Exentas, inciso "b": Cuando la obra exenta se vaya a realizar en Sitios y Zonas Históricas así declaradas por la JP, el ICP o la Asamblea Legislativa, o en otras áreas especiales donde así se establezca mediante Reglamento o resolución, deberá obtener la autorización correspondiente del ICP, mediante una solicitud de recomendación de arqueología y conservación histórica ("SRA").
g. Regla 3.5.9 Permiso Formal para la Extracción, Excavación, Remoción y Dragado de los Componentes de la Corteza Terrestre, Sección 3.5.9.4, inciso "u": Recomendación del ICP para el área donde se propone la extracción, cuando la misma haya sido predeterminada por ICP o la Asamblea Legislativa como zona de valor histórico o arqueológico.
h. Regla 3.7.1 Permiso Único, Sección 3.7.1.7, inciso "g": Se requerirá la recomendación del ICP en Sitios y Zonas históricas antes de expedir este tipo de permiso para actividades cuya duración exceda de treinta (30) días.
i. Regla 4.4.1.2 Licencias Traficantes al Detalle de Bebidas Alcohólicas, Sección 4.4.1.2, inciso "c": Recomendación del ICP en los casos en que la propiedad ubique en una zona histórica.
j. Regla 6.1.27 Distrito S-H: Sitio Histórico, Sección 6.6.27.2 (ver Tabla 6.85 – Usos permitidos en Distrito S-H) y Sección 6.1.27.4 (ver Tabla 6.86 – Parámetros de Diseño Distrito S-H).
k. Regla 6.1.28 Distrito C-H: Conservación Histórica, Sección 6.1.28.2 (ver Tabla 6.87 – Usos permitidos en Distrito C-H) y Sección 6.1.28.4 (ver Tabla 6.88- Parámetros de Diseño Distrito C-H).
l. Regla 7.3.6 Centro Urbano (CU), Sección 7.3.6.1, Inciso "d": Toda intervención en los centros urbanos delimitados se hará en conformidad con el Plan de Ordenación Territorial, Plan de área del Centro Urbano Tradicional o Plan de Rehabilitación del Centro Urbano, cumpliendo con las disposiciones de la Regla 10.2.11 en el Tomo X de este Reglamento Conjunto.
m. Capítulo 9.1 Obras Eléctricas, Sección 9.1.2.2 inciso "k": Los permisos y autorizaciones en Sitios y Zonas Históricas, Plazas de recreo y bloques circundantes, entiéndase centros fundacionales de los pueblos requerirán de la recomendación del ICP.
n. Capítulo 9.6 Obras de Acueductos y Alcantarillados, Sección 9.6.2.2. Inciso "l": Los permisos y Autorizaciones en Sitios y Zonas Históricas, plazas de recreo y bloques circundantes, entiéndase centros fundacionales de los pueblos requerirán de la recomendación del ICP.
o. Capítulo 9.8 Sistemas Individuales de Disposición de Desperdicios Domésticos (SIDDD), Sección 9.8.3.1, inciso "d".

p. Capítulo 9.11 Proyectos de Construcción, Instalación y Ubicación de Torres e Instalaciones de Telecomunicaciones, Sección 9.11.6.3, inciso "c" Zonas Históricas y Centros Fundacionales.

mgv





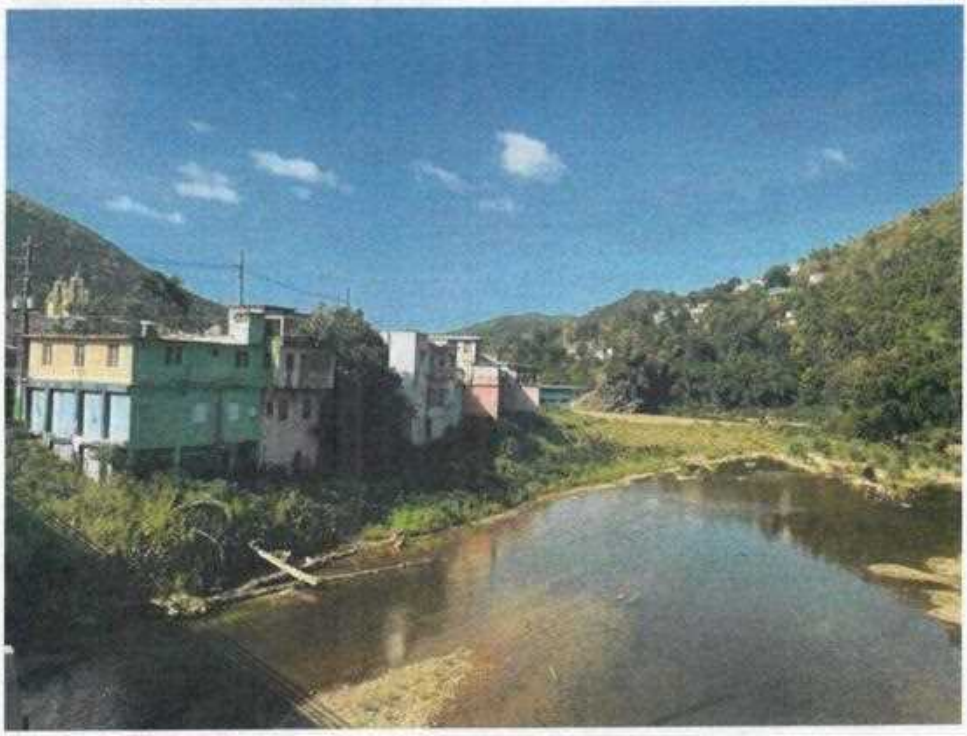




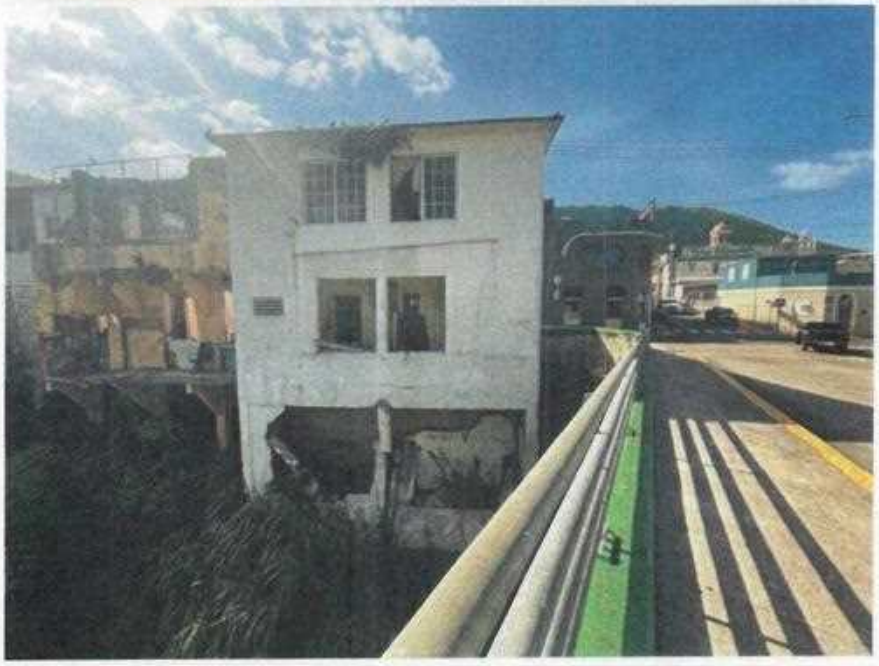


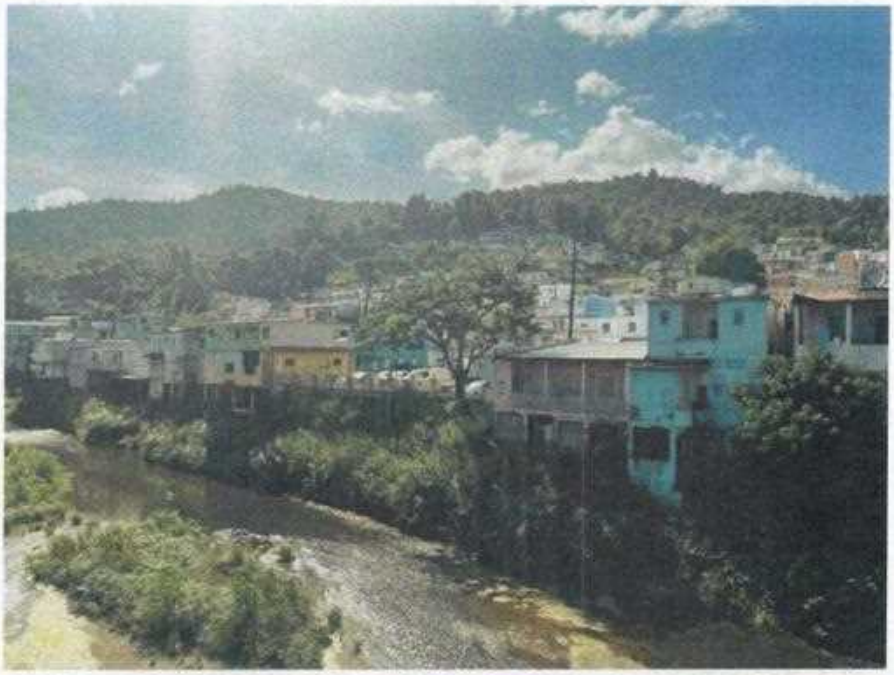




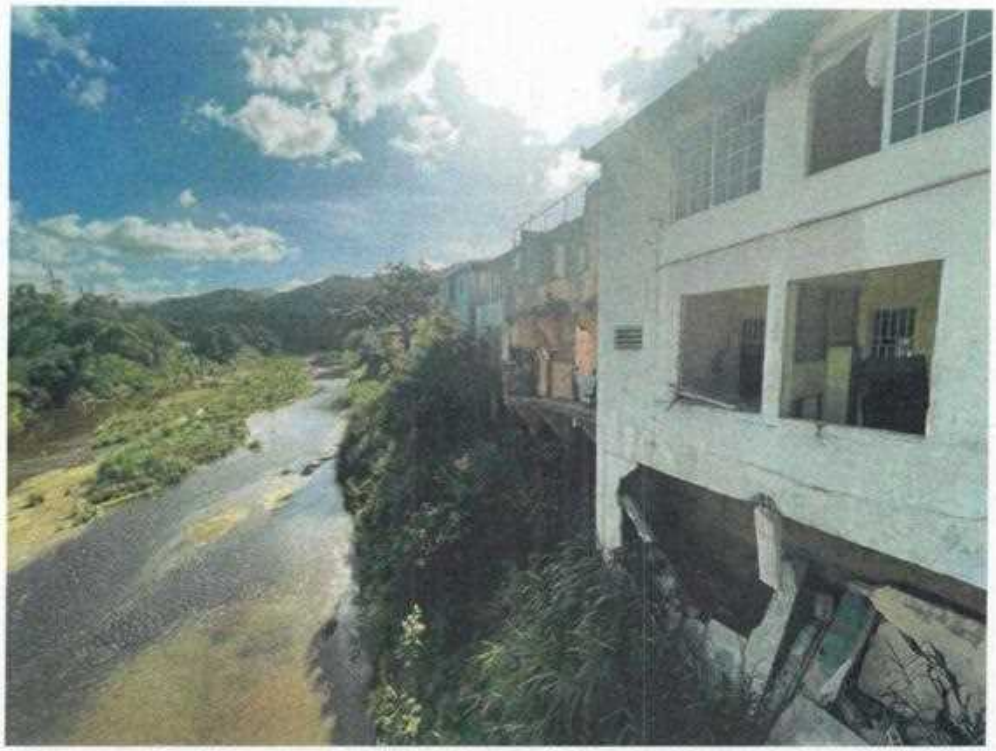








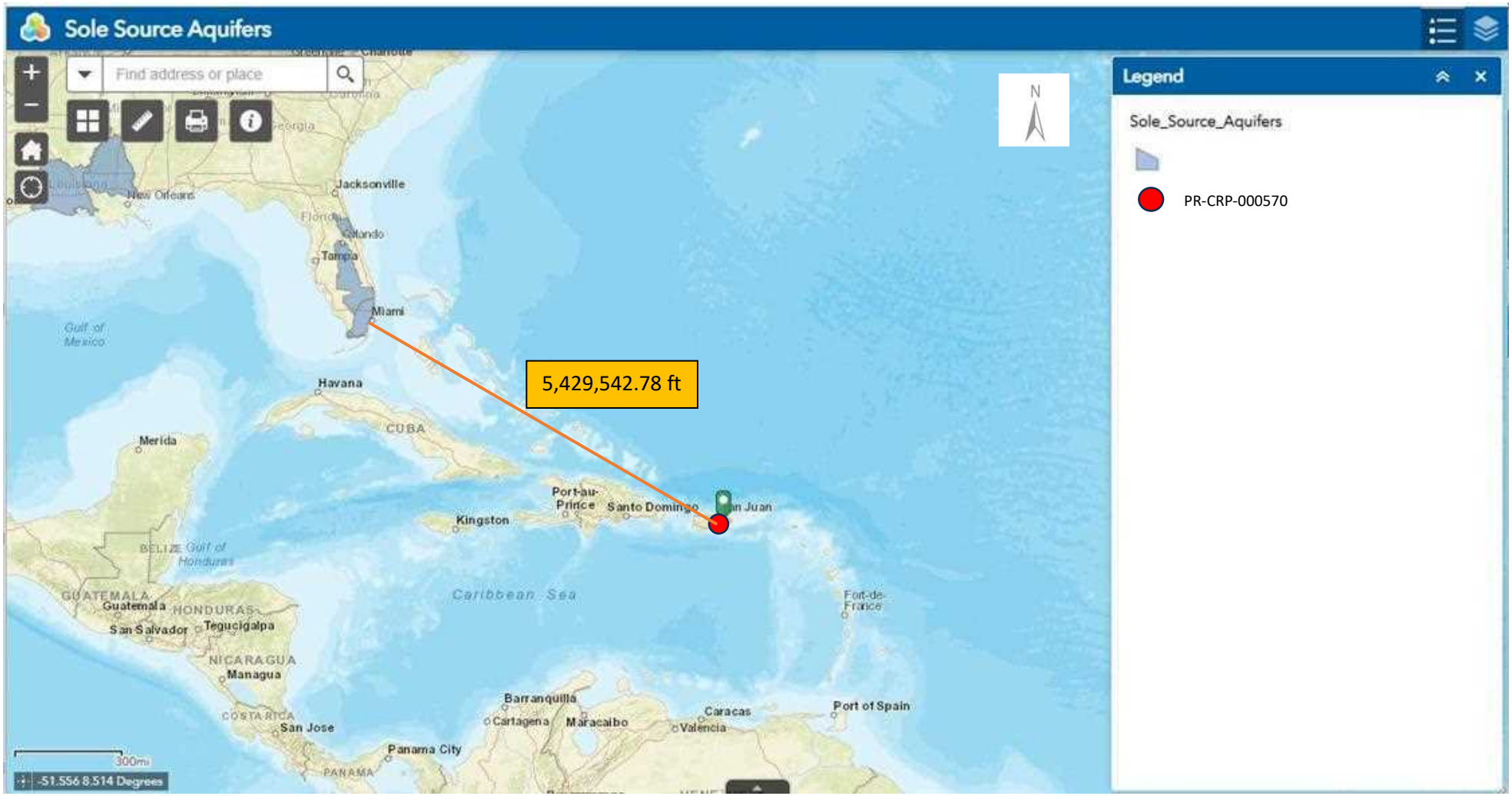




Attachment 12: Sole Source Aquifer Map

PR-CRP-000570 – Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico



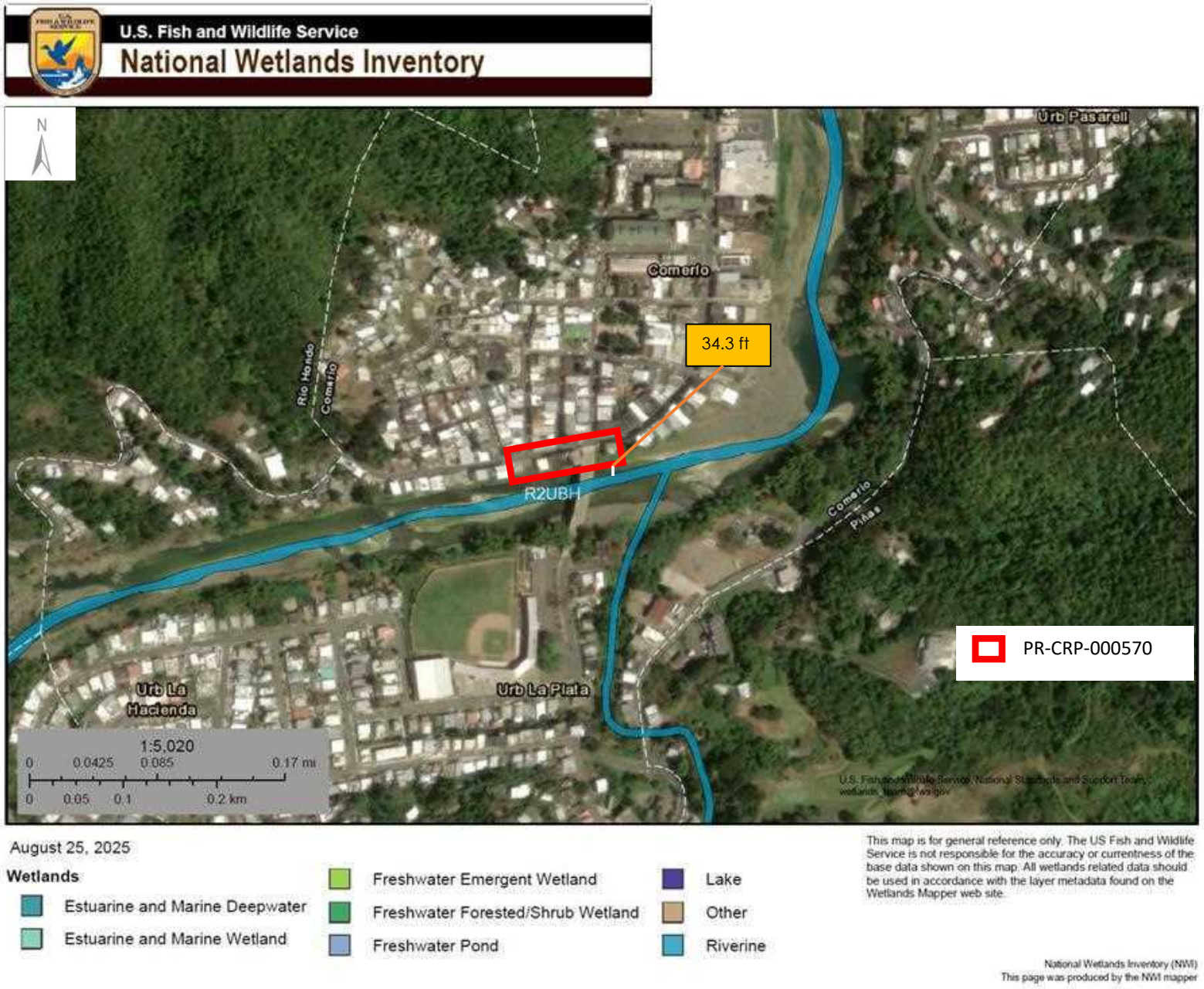
Source: U.S. EPA Map of Sole Source Aquifer Locations (Spatial Reference: WGS84), accessed at URL https://www.epa.gov/dwssa/map-sole-source-aquifer-locations

Prepared by ICF

Attachment 13: Wetlands Map

PR-CRP-000570 – Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico



Source: USFWS National Wetlands Inventory (NWI) (Spatial Reference: WGS84) URL https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/

Prepared by ICF

Attachment 14: Wild and Scenic Rivers Map

PR-CRP-000570 – Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico



Source: US Forest Service (USFS) (Spatial Reference: WGS84), accessed at URL https://www.arcgis.com/home/webmap/viewer.html?panel=gallery&layers=a37eb56966cc4b11b69909e288414e53

Prepared by ICF

Attachment 16: Landslide Susceptibility Map
PR-CRP-000570 - Waterfront Park

Coordinates: 18.217264°, -66.227098°
Address: Georgetti Street (PR-156) Comerío, Puerto Rico

Map created by ICF. Data Source https://tiles.arcgis.com/tiles/v01gqwM5QqNysAAi/arcgis/rest/services/US_Landslide_Susceptibility/

N

0 100 200 Feet



Attachment 15: Zoning Map

PR-CRP-000570 – Waterfront Park

Coordinates: 18.217264°, -66.227098°

Address: Georgetti Street (PR-156) Comerío, Puerto Rico



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

Prepared by ICF

Attachment 17
MSE Wall Drawings

COMERIO
WATER FRONT PARK
MSE WALL

CLIENT: MUNICIPALITY OF COMERIO

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Scaled to fit sheet: ANSI Full Bleed B (17.00 X 11.00 Inches)

PRELIMINARY DRAWINGS
NOT FOR CONSTRUCTION

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This drawing is stored in: L:\Projects\Puerto Rico and Islands (PR)\2024\US-PR-24- Comerio Waterfront Park MSE Wall\04.12.24\Comerio Waterfront Park MSE Wall.dwg

MACCAFERRI POLIMAC® COATED MINERAL TERRAMESH CONSTRUCTION NOTES

1. PRODUCT DESCRIPTION

1.1. MINERAL TERRAMESH IS A MSE RETAINING WALL SYSTEM COMPRISED OF CONTINUOUS DOUBLE TWISTED WIRE MESH THAT FORMS THE TOP WRAP, FACING AND CONTINUES IN TO THE REINFORCED SOIL ZONE AS A REINFORCEMENT. GALVANIZED WELDED WIRE PANEL IS USED IN THE FASCIA BEHIND THE DOUBLE TWISTED WIRE MESH FOR ADDITIONAL STIFFNESS AND THE SUPPORT STRUTS (BRACKETS) ARE USED TO ACHIEVE THE WALL BATTER (FIG 1).

1.2. MINERAL TERRAMESH UNITS SHALL BE MANUFACTURED AND SHIPPED WITH ALL COMPONENTS MECHANICALLY CONNECTED AT THE PRODUCTION FACILITY. THE FACING, TOP WRAP AND REINFORCING PANEL OF THE MINERAL TERRAMESH SYSTEM SHALL BE WOVEN INTO A SINGLE UNIT. REINFORCING STEEL WIRE RODS SHALL BE PLACED IN THE DOUBLE TWIST WIRE MESH ALONG TOP AND BOTTOM OF THE FRONT FACING.

2. MATERIALS

2.1. DOUBLE TWISTED WIRE MESH USED FOR MANUFACTURING MINERAL TERRAMESH UNITS SHALL CONFORM TO SPECIFICATION REQUIREMENTS OF ASTM A975.

2.1.1. WIRE USED FOR MANUFACTURING POLIMAC® COATED GABION SHALL HAVE A MINIMUM TENSILE STRENGTH OF 415MPa to MAXIMUM TENSILE STRENGTH OF 550MPa AS PER ASTM A641/A641M, SOFT OR MEDIUM TEMPER STEEL. ALL TESTS ON WIRE SHALL BE PERFORMED PRIOR TO MANUFACTURING THE MESH. ALL WIRE DIAMETERS SHALL COMPLY WITH ASTM A975 AS SHOWN IN TABLE 1.

TABLE 1 STANDARD WIRE DIAMETERS

	LACING WIRE	MESH WIRE	SELVEDGE WIRE / REINFORCING STEEL BARS
WIRE DIAMETER INT. ø (mm)	2.20	2.70	3.40
WIRE TOLERANCE (±) ø (mm)	0.10	0.10	0.10
MIN. ZINC QTY. (g/m^2)	214	244	259
WIRE + POLYMER EXT. ø (mm)	3.20	3.70	4.40

2.1.2. THE WIRE MESH CHARACTERISTICS, MINIMUM MESH TENSILE STRENGTH AND PUNCH RESISTANCE SHALL BE IN ACCORDANCE WITH ASTM A975 AS SHOWN IN TABLE 2.

TABLE 2 MESH CHARACTERISTICS

MESH TYPE	8x10 / POLIMAC® COATED
MESH OPENING, D	83mm
TENSILE STRENGTH	50kN/m
PUNCH RESISTANCE	23.6kN
CONNECTION STRENGTH	17.5kN/m

2.1.3. STANDARD MINERAL TERRAMESH SIZES ARE LISTED IN TABLE 3.

TABLE 3 STANDARD MINERAL TERRAMESH SIZES

L=LENGTH (m)	W=WIDTH (m)	H=HEIGHT (m)	SLOPE ANGLE
2.74	3	0.65	87°
2.74	3	0.64	80°

2.2. POLIMAC® COATING

POLIMAC® COATING IS AN ENVIRONMENTALLY SAFE EXTRUDED POLYMER COATING SPECIFICALLY DEVELOPED TO PROVIDE HIGH RESISTANCE TO ABRASION AND MECHANICAL DAMAGE TO IMPROVE ITS PERFORMANCE IN COLD AND HOT TEMPERATURES AND UV RADIATION. THE TECHNICAL CHARACTERISTICS AND AGEING RESISTANCE OF THE POLIMAC® COATING COMPLY WITH ASTM A975.

2.2.1. COLOR: GRAY.

2.2.2. RESISTANCE TO UV RADIATION: THE TENSILE STRENGTH AND ELONGATION AT BREAK OF THE BASE COMPOUND AFTER 2500 HOURS OF EXPOSURE TO QUV-A (ASTM G154 OR ISO 4892-3 MODE 1) DO NOT CHANGE MORE THAN 25% FROM THE INITIAL TEST RESULTS.

2.2.3. BRITTLENESS TEMPERATURE: THE BRITTLENESS TEMPERATURE OF POLIMAC® COATING SHALL BE LESS THAN -35°C (-31°F) AS DETERMINED WITH ASTM D746.

2.2.4. OUTWEARING ACCELERATED AGEING TEST IN SALT SPRAY: WHEN THE POLIMAC® COATED WIRE MESH IS SUBJECTED TO THE NEUTRAL SALT SPRAY TEST (ASTM B117 OR ISO 9227) AFTER 6000 HOURS OF EXPOSURE THE MESH DOES NOT SHOW MORE THAN 5% OF DBR (DARK BROWN RUST).

2.2.5. RESISTANCE TO ABRASION: ABRASION IS PROMINENT WHERE THERE IS SCUFFING, SCRATCHING, OR WEARING ACTION CAUSED BY ACTIONS SUCH AS GLACIATION, SUSPENDED SOLID TRANSPORT IN RIVERS, OR WAVES BREAKING ON COASTLINES. THE ABRASION RESISTANCE OF THE POLIMAC® COATING SHALL COMPLY WITH ASTM A975. AVERAGE NUMBER OF CYCLES CAUSED BY LINEAR ABRADING ACTION SHALL BE GREATER THAN 300.

2.2.6. CORROSION SPREAD: MAXIMUM LENGTH OF CORROSION SPREAD ON A POLIMAC® COATED WIRE SHALL BE LESS THAN A MESH OPENING AFTER IMMERSION IN A 5% SOLUTION OF HCL AS PER ASTM A975.

2.2.7. HEAVY METAL LEACHATE TEST (EPA 6020B: ICP-MS): THE CONCENTRATION OF SELECTED THIRTY-ONE HEAVY METALS SHALL BE LOWER THAN THE LIMITS SET BY CCME WATER QUALITY GUIDELINES FOR THE PROTECTION OF AQUATIC LIFE, FRESHWATER AND U.S. EPA NATIONAL RECOMMENDED WATER QUALITY CRITERIA (AQUATIC LIFE, FRESHWATER).

2.2.8. PRESENCE OF PERFLUOROALKYLATED SUBSTANCES, PFAS (EPA 537.1): THE PRESENCE OF PFAS SUCH AS PFOS AND PFOA IN THE EXTRACTION FLUID SHALL NOT BE DETECTED AT <2 ng/L, WHILE OTHER PFAS AND THEIR DERIVATIVES SHALL NOT BE DETECTED BETWEEN <2 ng/L AND < 4 ng/L.

2.3. RING FASTENERS: STAINLESS STEEL RINGS FOR POLIMAC® COATED MINERAL TERRAMESH UNIT SHALL BE IN ACCORDANCE WITH ASTM A975 SECTION 6.3. SPACING OF THE RINGS SHALL NOT EXCEED 100mm (FIG 6B). THE RINGS CAN BE INSTALLED USING PNEUMATIC OR MANUAL TOOLS.

2.4. MINERAL TERRAMESH FASCIA ROCKS SHALL BE HARD, ANGULAR TO ROUND, DURABLE AND OF SUCH QUALITY THAT THEY SHALL NOT DISINTEGRATE ON EXPOSURE TO WATER OR WEATHERING DURING THE LIFE OF THE STRUCTURE. FASCIA ROCKS SHALL RANGE BETWEEN 100-200mm. THE RANGE IN SIZES MAY ALLOW FOR A VARIATION OF 5% OVERSIZE AND/OR 5% UNDERSIZE ROCK, PROVIDED IT IS NOT PLACED ON THE FASCIA'S EXPOSED SURFACE. IN ALL CASES, UNDERSIZE AND OVERSIZE ROCK SHALL BE PLACED WITHIN THE INTERIOR OF THE MINERAL TERRAMESH UNIT FASCIA AND SHALL NOT BE PLACED ON THE EXPOSED SURFACE OF THE STRUCTURE.

2.5. SELECT BACKFILL MATERIALS SHALL BE APPROVED BY THE OWNER OR OWNER'S REPRESENTATIVE AND SHALL MEET THE PROPERTY REQUIREMENTS DEFINED IN SECTION 7.1. FHWA SELECT BACKFILL REQUIREMENTS FOR MSE WALLS ARE AS SHOWN IN TABLE 4.

TABLE 4 FHWA SELECT BACKFILL REQUIREMENTS

GRADATION AASHTO T-27	US SIEVE SIZE	PERCENT PASSING
	102mm	100
	0.425mm	0-60
	0.075mm	0-15
PLASTICITY INDEX (PI) AASHTO T-90	PI≤6	
SOUNDNESS AASHTO T-104	THE MATERIAL SHALL BE SUBSTANTIALLY FREE OF SHALE OR OTHER SOFT, POOR DURABILITY PARTICLES. THE MATERIAL SHALL A MAGNESIUM SULFATE SOUNDNESS LOSS OF LESS THAN 30% AFTER FOUR CYCLES (OR A SODIUM SULFATE VALUE LESS THAN 15% AFTER FIVE CYCLES).	

2.6. GEOGRID: WHEN GEOGRID IS USED AS A PRIMARY REINFORCEMENT, IT SHALL MEET THE PROJECT DESIGN AND SPECIFICATION REQUIREMENTS.

2.7. GEOTEXTILE: SEPARATION GEOTEXTILE USED TO RETAIN THE BACKFILL SOIL BEHIND THE MINERAL TERRAMESH FASCIA STONE SHALL MEET PROJECT SPECIFICATIONS.

3. FOUNDATION PREPARATION

3.1. THE FOUNDATION FOR MINERAL TERRAMESH MSE WALL SHALL BE GRADED LEVEL FOR A WIDTH EQUAL TO OR EXCEEDING THE LENGTH OF SOIL REINFORCEMENT OR AS SHOWN IN THE PLANS. PRIOR TO BEGINNING SELECT BACKFILL PLACEMENT, THE AREA UNDER THE MINERAL TERRAMESH MSE WALL FOOTPRINT (THE ZONE OF THE WALL FACING, SOIL REINFORCEMENT AND MSE WALL SELECT BACKFILL) SHOULD BE PREPARED AND COMPACTED. ANY SOFT OR LOOSE MATERIAL THAT IS ENCOUNTERED SHOULD BE COMPACTED OR REMOVED AND REPLACED.

4. CONSTRUCTION

4.1. ASSEMBLY AND INSTALLATION: OPEN AND UNFOLD EACH MINERAL TERRAMESH UNIT ON A FLAT, HARD SURFACE AND REMOVE ANY SHIPPING FOLDS IF NECESSARY. THIS CAN BE DONE BY PLACING THE FOLD OVER A 2"x4" BOARD AND WALKING ALONG THE SIDES. FRONT PANEL SHALL BE LIFTED TO A VERTICAL POSITION AND STEEL BRACKETS SHALL BE INSTALLED. USE THREE STEEL BRACKETS PER UNIT. CONNECT THE TOP END OF THE BRACKET AROUND AN INTERSECTION ON THE WELDED WIRE PANEL. THE BOTTOM END OF THE BRACKET MUST BE CONNECTED AROUND THE REINFORCING STEEL WIRE AND A DOUBLE TWIST IN THE WOVEN WIRE MESH. THE REINFORCING BRACKETS ARE MANUFACTURED WITH PRECISION TO ACHIEVE SIX DEGREE FASCIA BATTER. THE ADJACENT UNITS SHALL BE CONNECTED ALONG THE VERTICAL FACING AND TOP EDGES. WIRE MESH REINFORCEMENT PANELS SHOULD BE CONNECTED TO THE ADJACENT PANEL EVERY 3ft (1m) MAXIMUM TO AVOID MOVEMENT DURING BACKFILLING. WHEN MORE THAN ONE LAYER OF MINERAL TERRAMESH UNITS IS REQUIRED, THE NEXT LAYER OF MINERAL TERRAMESH UNITS SHALL BE CONNECTED TO THE LAYER UNDERNEATH.

4.2. **ROCK PLACEMENT:** MINERAL TERRAMESH UNITS SHALL BE CONNECTED AND ALIGNED BEFORE PLACING THE ROCKS. ROCKS USED FOR MINERAL TERRAMESH FASCIA SHALL MEET THE REQUIREMENTS LISTED IN SECTION 2.3. AFTER A LAYER OF ROCK HAS BEEN PLACED, SUFFICIENT HAND PLACEMENT OF THE ROCK SHALL BE PERFORMED TO MINIMIZE VOIDS AND ACHIEVE A MAXIMUM DENSITY. SUFFICIENT AMOUNT OF ROCKS SHALL BE USED IN THE FASCIA TO COVER THE BRACKETS.

4.3. **FASTENING PROCEDURE:** ALL EDGES OF MINERAL TERRAMESH UNITS SHALL BE CONNECTED USING THE APPROPRIATE FASTENING TECHNIQUES. WHEN USING LACING WIRE, CUT OFF A PIECE OF WIRE APPROXIMATELY 1.5 TIMES THE LENGTH OF THE EDGE TO BE TIED. LONGER EDGES SHALL BE JOINED BY SEVERAL LENGTHS OF WIRE. TIE WIRES SHALL BE SECURED AROUND THE SELVEDGE WIRE OR HEAVIER EDGE WIRE, WHERE PRESENT, BY LOOPING AND TWISTING THE LACING WIRE AROUND ITSELF. PROCEED TYING WITH ALTERNATE DOUBLE AND SINGLE LOOPS. DOUBLE LOOPS SHALL BE MADE AT INTERVALS NOT GREATER THAN 150mm. ALL PANELS SHALL BE PULLED TIGHTLY TOGETHER DURING THE TYING OPERATION. PLIERS MAY BE USED TO CREATE TIGHT JOINTS. THE OTHER END OF THE LACING WIRE SHALL BE SECURED BY AGAIN LOOPING AND TWISTING THE WIRE AROUND ITSELF. WHEN STEEL RING FASTENERS ARE USED, THE USE OF EITHER A MECHANICAL OR A PNEUMATIC FASTENING TOOL IS REQUIRED. SPACING OF THE RINGS SHALL BE IN ACCORDANCE WITH ASTM A975, *MINIMUM STRENGTH REQUIREMENTS OF MESH AND CONNECTIONS*. IN ANY CASE, RING FASTENERS SPACING SHALL NOT EXCEED 100mm. RINGS SHALL BE INSTALLED ALONG ALL EDGES.

4.4. GEOTEXTILE SHALL BE INSTALLED BEHIND THE MINERAL TERRAMESH FASCIA ROCKS AS SHOWN IN THE PROJECT PLANS.

4.5. SELECT BACKFILL MATERIAL SHALL BE PLACED IN LIFTS NOT GREATER THAN 300mm AND COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR AT OPTIMUM MOISTURE CONTENT DETERMINED BY AASHTO T99 METHOD D.

4.6. **MATERIAL TESTING:** ALL MATERIAL TESTING, TEST FREQUENCY, COMPLIANCE OF MATERIAL SPECIFICATIONS AND COMPACTION REQUIREMENTS SHALL BE VERIFIED BY THE OWNER OR OWNER'S REPRESENTATIVE. THE SHEAR STRENGTH TESTING OF SELECT BACKFILL MATERIAL SHALL BE REQUIRED FOR EVERY 1000cy PLACED OR IF THE NATURE OF SELECT BACKFILL SOIL VISUALLY CHANGES.

5. TECHNICAL REQUIREMENTS

5.1. THE CONTRACTOR SHALL HAVE AN APPROVED SET OF CONSTRUCTION DRAWINGS AND CONTRACT SPECIFICATIONS BEFORE AND DURING CONSTRUCTION OF THE MINERAL TERRAMESH MSE STRUCTURE.

5.2. MINERAL TERRAMESH UNITS SHALL BE PLACED AT THE LOCATIONS, ELEVATIONS AND CORRECT SLOPE AS SHOWN ON THE PROJECT PLANS.

5.3. CONSTRUCTION EQUIPMENT SHALL NOT BE OPERATED TOO CLOSE TO THE MINERAL TERRAMESH MSE WALL. ONLY HAND OPERATED COMPACTION EQUIPMENT SHALL BE ALLOWED WITHIN 3ft (1m) OF THE FACE.

6. DRAINAGE

6.1. AT THE END OF EACH WORK DAY, BACKFILL SURFACE SHALL BE GRADED MINIMUM 2% SLOPE AWAY FROM THE MSE WALL FACE, AND COMPACTED WITH A SMOOTH WHEEL ROLLER TO MINIMIZE PONDING.

6.2. THE DESIGN IS BASED ON THE ASSUMPTION THAT THE SELECT BACKFILL MATERIAL SHALL BE FREE OF SUBSURFACE DRAINAGE OF WATER (SEEPAGE). THE DRAINAGE SYSTEM DESIGN FOR THE SURFACE RUNOFF AND GROUNDWATER SEEPAGE SHALL BE THE RESPONSIBILITY OF THE OWNER OR THE OWNER'S REPRESENTATIVE.

7. DESIGN PARAMETERS

7.1. DESIGN OF THE MINERAL TERRAMESH MSE WALL STRUCTURE IS BASED ON THE FOLLOWING ASSUMED SOIL PARAMETERS:

TABLE 5 ASSUMED SOIL PARAMETERS

	EFFECTIVE FRICTION ANGLE	EFFECTIVE COHESION	MOIST UNIT WEIGHT
SELECT BACKFILL	34°	0 kPa	22 kN/m^3
RETAINED SOIL	30°	0 kPa	19 kN/m^3
FOUNDATION SOIL	30°	0 kPa	19 kN/m^3

7.2. TRAFFIC LOADING: 12kPa

7.3. HORIZONTAL GROUND ACCELERATION COEFFICIENT: 0.22 (i.e. 50% OF 0.44).

7.4. GROUND WATER TABLE: GROUND WATER TABLE OR PHREATIC SURFACE IS NOT CONSIDERED IN WALL DESIGN. GROUND WATER TABLE IS ASSUMED TO BE SUFFICIENTLY BELOW BOTTOM OF WALL AND DOES NOT INFLUENCE INTERNAL AND EXTERNAL STABILITY.

7.5. CAPACITY DEMAND RATIO (CDR):

TABLE 6 MINIMUM CDR

SLIDING	1.0
INTERNAL STABILITY	1.0
PULL OUT	1.0
OVERALL ULTIMATE REINFORCEMENT STRENGTH	1.0

8. SPECIAL PROVISIONS

8.1. THE DESIGN PRESENTED HEREIN IS BASED ON SOIL PARAMETERS, FOUNDATION CONDITIONS, GROUNDWATER LOCATION, AND LOADING STATED IN SECTION 7.0 AND SHALL BE VERIFIED BY THE OWNER OR OWNER'S REPRESENTATIVE.

8.2. WALL ELEVATION, LOCATION AND GEOMETRY OF EXISTING STRUCTURES AND GRADE ABOVE AND BELOW THE WALLS MUST BE VERIFIED BY THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.

8.3. MACCAFERRI INC. ASSUMES NO LIABILITY FOR INTERPRETATION OR VERIFICATION OF SUBSURFACE CONDITIONS, SUITABILITY OF SOIL DESIGN PARAMETERS AND INTERPRETATION OF SUBSURFACE GROUNDWATER CONDITIONS.

8.4. THE OWNER OR OWNER'S REPRESENTATIVE IS RESPONSIBLE FOR REVIEWING AND VERIFYING THAT THE ACTUAL SITE CONDITIONS ARE AS DESCRIBED IN SECTION 7.0 PRIOR TO AND DURING CONSTRUCTION. THE OWNER OR OWNER'S REPRESENTATIVE SHALL BE ON-SITE TO ASSURE THE PROVISIONS IN THE CONSTRUCTION NOTES ARE FOLLOWED.

8.5. IF ANY ROCK FORMATIONS AND/OR GROUNDWATER ARE ENCOUNTERED DURING CONSTRUCTION OF THIS WALL, IMMEDIATELY CONTACT THE OWNER OR OWNER'S REPRESENTATIVE.

8.6. ANY REVISIONS TO DESIGN PARAMETERS STATED IN SECTION 7.0 OR STRUCTURE GEOMETRY SHALL REQUIRE DESIGN MODIFICATIONS PRIOR TO PROCEEDING WITH CONSTRUCTION.

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REV:	ISSUE / REVISION:	APPROVED BY:	DATE:

DRAWING TITLE: CONSTRUCTION NOTES MACCAFERRI MSE WALL SYSTEM

CRM PROJECT NO: ----

Client: MUNICIPALITY OF COMERIO

DRAWING NO: 1 / 3

UNITS: METER

SCALE: NTS

REV: 1

PRINTED ON: 4/17/24

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PROJECT: COMERIO WATER FRONT PARK MSE WALL

NOT FOR CONSTRUCTION

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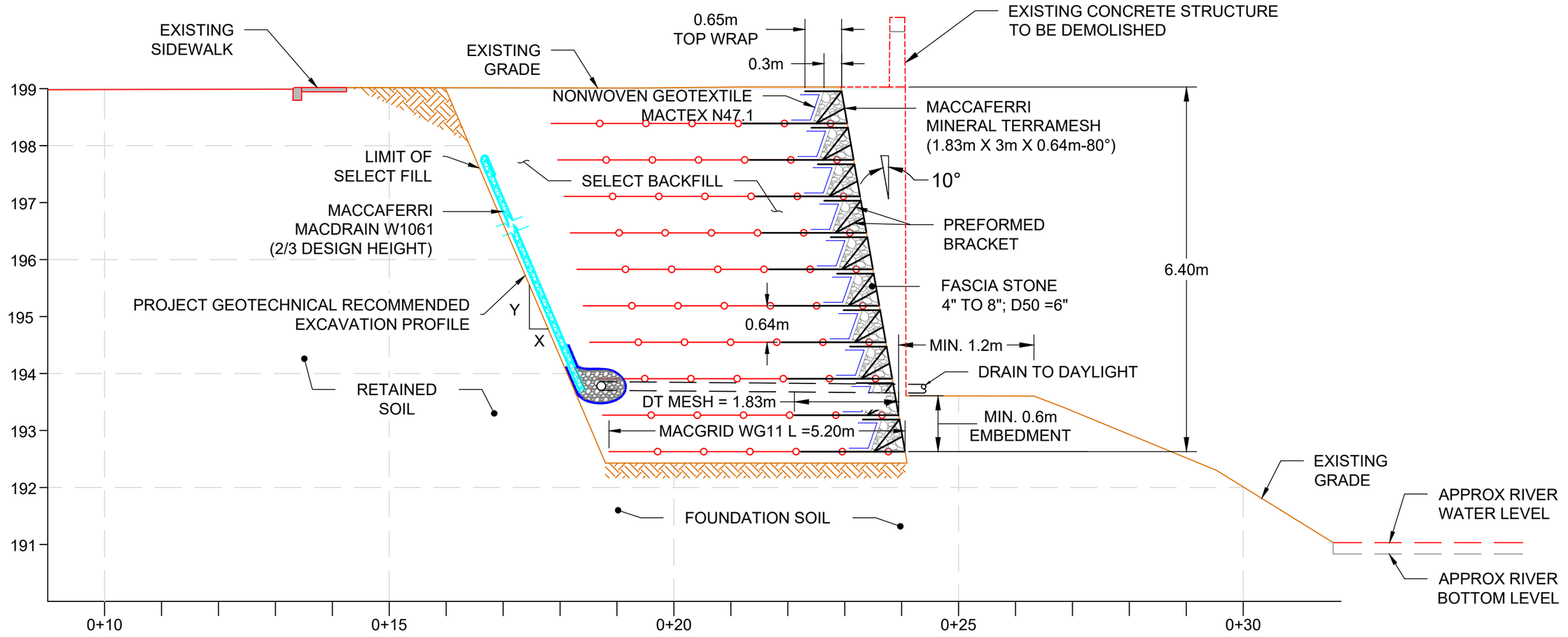

CROSS SECTION B1

Maccaferri Mineral Terramesh MSE Wall

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DRAWING TITLE: CROSS SECTION MACCAFERRI MSE WALL SYSTEM

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ASSEMBLY PROCESS FOR MACCAFERRI MINERAL TERRAMESH

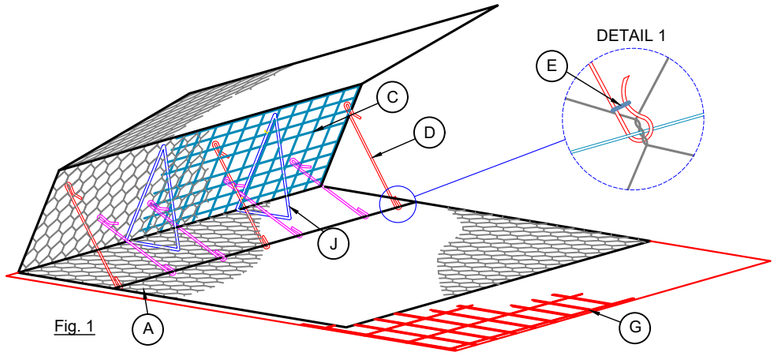


Fig. 1

A = MINERAL TERRAMESH UNIT IN DOUBLE TWISTED WIRE MESH, TYPE 8X10 WITH POLIMAC® COATED WIRE
B = POLIMAC® COATED METALLIC REINFORCING WIRES, INSERTED INTO THE DOUBLE TWIST MESH
C = WELDED GALVANIZED STEEL GRID
D = SUPPORT STRUT (BRACKET)
E = STAINLESS STEEL RING FASTENER
F = POLYPROPYLENE NON-WOVEN GEOTEXTILE
G = UNI-AXIAL GEOGRID
H = ROCK FILL 4"-8" GRADATION, D_{50} = 6"
I = SELECT BACKFILL
J = TRIANGULAR STEEL BRACKETS

1. MINERAL TERRAMESH UNIT PROVIDED WITH ONE FOLD, TO SIMPLIFY PLACEMENT IN THE STRUCTURE, WITH STEEL REINFORCING WIRES, GEOSYNTHETIC, DOUBLE TWIST REINFORCING MESH PANEL AND STEEL BRACKETS.
2. PLACEMENT AND OPENING OF THE UNIT ALONG THE LOWER REINFORCING WIRE.
3. CONNECT THREE STEEL BRACKET PER UNIT TO THE REINFORCING WIRES INSTALLED IN THE TAIL AND ALONG THE TOP FOLD.
4. ROCK FACING OPTION : PLACE GEOTEXTILE BETWEEN ROCK AND STRUCTURAL BACKFILL. FILL THE FACING WITH ROCK, WHILE STRUCTURAL SOIL LAYERS ARE PLACED OVER THE MESH TAIL.
5. COBBLE OPTION : ATTACH HARDWARE CLOTH TO MESH FACING WITH 6in (150mm) OVERLAP ON BOTH SIDES, TOP AND BOTTOM OF UNIT (NOT SHOWN). FILL THE FACING WITH COBBLES, WHILE STRUCTURAL BACKFILL LAYERS ARE PLACED OVER THE MESH TAIL.
6. FOLDING OF THE EXTERNAL FACE ALONG THE UPPER REINFORCING WIRE. PLACEMENT OF THE NEXT UNIT AND LACING BY STAINLESS STEEL RINGS TO THE UNIT UNDERNEATH.

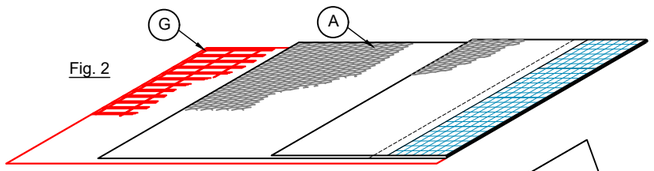


Fig. 2

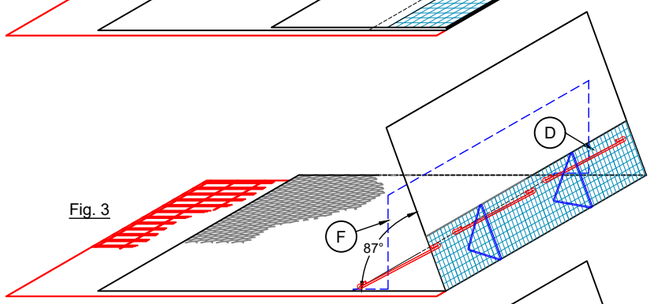


Fig. 3

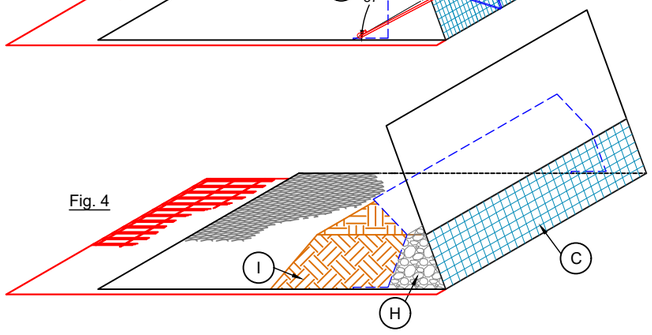


Fig. 4

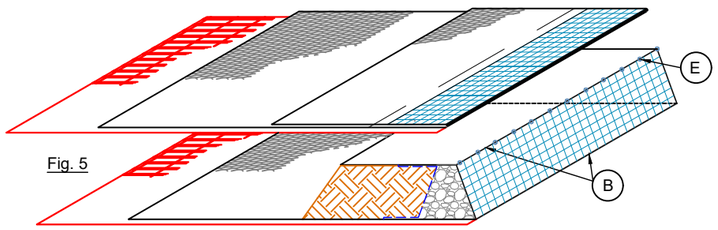
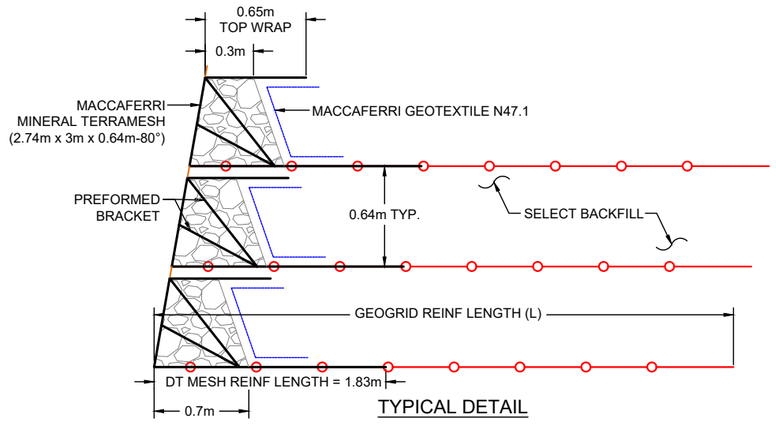


Fig. 5



TYPICAL DETAIL

CONNECTION TECHNIQUES

EDGES ARE JOINED TOGETHER, USING THE APPROPRIATE LACING TECHNIQUES.
MANUAL: CONTINUOUS WIRE LOOPED TIGHTLY AROUND EVERY OTHER MESH OPENING, ALTERNATING SINGLE AND DOUBLE LOOPS (FIG 6A).
MECHANICAL: USING A PNEUMATIC OR HAND POWER TOOL, EMPLOYING STAINLESS STEEL "C" SHAPED FASTENERS. FOR CONTINUITY AND STRENGTH, THE RECOMMENDED SPACING IS MAX 4in (100mm) (FIG 6B).

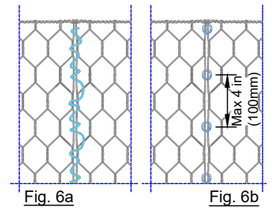


Fig. 6a Fig. 6b

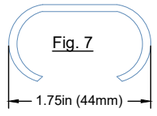


Fig. 7

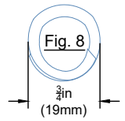


Fig. 8

1. RING FASTENER Ø= 1.75in (44mm) OPEN AND 3/4in (19mm) CLOSED.
2. RING FASTENER HAS 170 Kg/mm² BREAKING LOAD.
3. RING FASTENER WIRE Ø= 0.120in (3mm).

Mesh Type 8x10

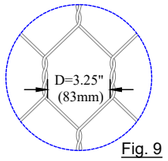


Fig. 9

THE TOLERANCE OF THE MESH OPENING "D", (THE DISTANCE BETWEEN THE AXIS'S OF TWO PARALLEL TWISTS) IS ACCORDING TO ASTM A975.

TYPICAL CURVE DETAILS

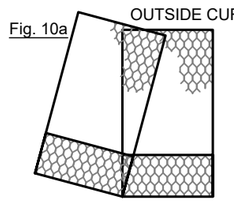


Fig. 10a

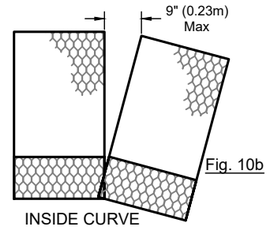


Fig. 10b

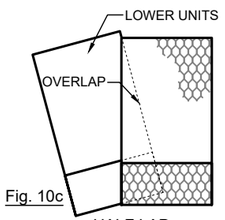


Fig. 10c

NOTES:

1. MESH AND/OR GEOGRID SHALL BE PLACED PERPENDICULAR TO THE MINERAL TERRAMESH FACE.
2. DO NOT PLACE OVERLAPPING REINFORCEMENT LAYERS DIRECTLY ON TOP OF EACH OTHER. PROVIDE 6in MIN. OF SOIL FILL BETWEEN OVERLAPPING LAYERS.
3. WHERE MINERAL TERRAMESH CREATES AN INSIDE CURVE, MESH AND/OR GEOGRID SHALL NOT BE PLACED WITH GAPS GREATER THAN 9in AT END O F MESH AT BACK OF WALL CUT.
4. TO ACHIEVE TIGHTER CURVES, USE HALF WIDTH BASKETS OR TURN SIDEWAYS. (SEE DETAIL BELOW)

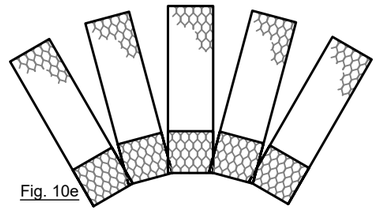


Fig. 10e

INSIDE CURVE HALF WIDTH BASKETS

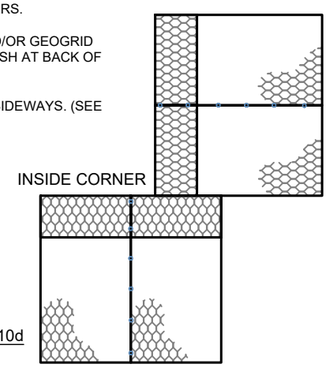


Fig. 10d

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DRAWING TITLE: CONSTRUCTION DRAWINGS
MACCAFERRI MSE WALL SYSTEM

CRM PROJECT NO: ----
Client: MUNICIPALITY OF COMERIO
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PROJECT:
COMERIO
WATER FRONT PARK
MSE WALL

NOT FOR CONSTRUCTION

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Attachment 18
Geotechnical Report

PRELIMINARY GEOTECHNICAL REPORT AT THE SITE OF THE PROPOSED COMERÍO WATERFRONT PROJECT AT GEORGETTI STREET, COMERÍO, P.R.

Geotechnical Consulting Engineers
Last Rev. Mar 2024

Submitted to:
ERB Arquitectos, PSC
Mr. Eugenio Ramírez-Ballagas, AIA – Project Designer
Prepared by:
Marcos O. Arocho-Ramírez, P.E. – Senior Geotechnical Engineer
Juan K. Hernández-Rosario, EIT – Jr. Geotechnical Engineer
Earth Engineers, Inc./Earth Engineering, PSC
March 8, 2024

Job No: EEI-23-121375

GEOTECHNICAL ENGINEERING REPORT

ON THE PRELIMINARY GEOTECHNICAL EXPLORATION PERFORMED AT SITE OF THE PROPOSED COMERÍO WATERFRONT PROJECT AT COMERÍO, PUERTO RICO

Submitted to:
Arch. Eugenio Ramírez Ballagas, AIA
Project Designer
ERB Arquitectos



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EARTH Engineers, Inc.

Job No. EEI-23-121375

March 8, 2024

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3. Borings Location Map

GEOTECHNICAL ENGINEERING REPORT

ON THE PRELIMINARY GEOTECHNICAL EXPLORATION PERFORMED AT SITE OF THE PROPOSED COMERÍO WATERFRONT PROJECT AT COMERÍO, PUERTO RICO

1. INTRODUCTION

The following soil report contains the results of a geotechnical exploration for the general site improvements and Mechanically Stabilized Earth Wall (MSEW) to be followed in the planning, design and construction of the reinforcing dirt slope for the new Comerío Waterfront Project. The project site is located at along the Georgetti Street parallel to the Río La Plata in Comerío, Puerto Rico.

The purpose of this exploration was to collect information regarding the prevailing subsoil conditions required to deal with the existing soil embankment, sedimented soils of the riverbank and several structures along the proposed project alignment. The initial findings can be used to determine the preliminary geotechnical parameters for the design of the proposed MSEW.

The geotechnical exploratory program was undertaken as per written notification by Arch. Eugenio M. Ramírez Ballagas, AIA, who is the project owner representative and architect on record for the intended project. This report has been prepared for the exclusive use of the owners, their architects, and others involved in the preparation of the plans, specifications, and construction of the project.

2. FIELD EXPLORATION

The field exploration consisted of drilling two (2) test borings. The test borings were drilled below existing ground elevation with a total footage of 23.25 lineal feet. Please refer to the enclosed Boring Locations Map for a more detailed description of the boring locations.

Borings were drilled with a CME-55 drilling rig using a hollow stem auger - dry sample - method of sampling. Soil samples were collected from split spoon samplers after the performance of the Standard Penetration Test (SPT) following ASTM D 1586. Samples were then placed in closed jars for laboratory analyses of moisture content, unconfined compressive strength which values were obtained using a pocket penetrometer and visual-manual description. The combined data collected was eventually used to formulate the engineering recommendations given in this report.

3. GENERAL SUBSOIL CONDITIONS

3.1 Site Geologic Setting

Geologic Map - The Department of the Interior, through its U.S. Geologic Survey offices, published a Geologic Map of the Comerío Quadrangle, designated as Geologic Map I-320. Maurice H. Pease Jr. and Reginald P. Briggs, (1960) investigated this Geologic Survey. Based on this Geologic Map, the project site falls in the following map unit:

Robles Formation

Kr *– Chiefly thinly stratified fine-grained sedimentary rocks but includes fine-grained volcanic breccia.*

3.2 Site Subsoil Conditions

The results of the exploratory program, by means of a test boring and field observations for the proposed project area was uncovered by natural soil material described as silt with sand and gravel. Standard Penetration Test (SPT) N-values increased from 2 to 9 blows per foot (bpf), denoting a very soft to stiff soil consistency. Natural moisture contents ranged between 16% and 33%.

Underlying this strata, a natural silty clay with sand was found. Standard Penetration Test (SPT) N-values varying between 8 blows per foot to a practical refusal, denoting a medium to hard soil consistency. Natural moisture contents were varying from 1% and 29%. Unconfined compression strength varying between 2.75 and 4.00-TSF, using a pocket penetrometer.

Please refer to the enclosed Boring Logs for more detailed information regarding soil profile, field, and laboratory test results (Appendix A).

3.3 Ground Water Conditions

The ground water level of the explored site was determined based on observations made during our drilling works. The ground water table was not found during the time of our drilling work explorations.

However, the groundwater level can be influenced by the distance of the water source, seasonal changes or variation, precipitation, rate of infiltration or permeability characteristic of the soils, among others.

Moreover, it should be considered that whenever changes in the topography of a site are made, changes in the groundwater characteristics of the region frequently occur. Such conditions are difficult to detect within the normal scope of time of subsoil exploration.

The above information corresponds to a general description of the subsoil conditions of the explored area; however, for detailed description regarding the soil profile, field, and laboratory test results, please refer to the enclosed boring logs.

4. RESULTS AND RECOMMENDATIONS

The proposed project concept consists of the design and construction of a Mechanically Stabilized Earth Wall for the planned Comerío Waterfront project. The project is described as a recreational and passive lineal "paseo" with a route alignment

surrounding the Río La Plata shore. The project will be located at Georgetti Street, Comerío, Puerto Rico.

We recommended that the project owner engage a land surveyor to establish the current contour elevations of the existing slope and surrounding areas. After the data collection is obtained and evaluated, civil engineering must be consulted to establish the design of a suitable mean for MSEW structure. The design must be in general accordance with the geotechnical recommendations mentioned ahead and the MSEW supplier.

Based on results of the test borings, we can recommend the design and construction of the retaining wall using a MSEW structure such as Terramesh®. Our preliminary recommendations are based on the drilled areas, the existing site conditions, and the assumption that the current ground surface levels of the site would be taken as the reference elevations.

The civil engineering consultant must consider promoting drainage using impervious and permanent devices such as concrete swales, ditches and chutes. Soil berm or backfill surface shall be graded minimum 2% slope away from the MSE wall face, and compacted with a smooth wheel roller to minimize ponding at the crest at the upper portion of the planned MSE wall should be considered to avoid runoff waters and a possible structural instability.

The actual excavation of local beds of unsuitable material and its replacement with properly placed and compacted borrow fill material is a matter that must be dealt with during the progress of the excavation operations.

During the subsoil sampling, boreholes were drilled between or within the existing structures and sediment due to flooding events was encountered, highlighting the need for the contractor to take this into consideration during demolition. This finding underscores the importance of carefully assessing site conditions before demolition, as the presence of sediment can impact the means and methods of the demolition process. It is essential for the contractor to take appropriate measures to handle sediment safely and effectively throughout the demolition operations.

In the cutting process, the presence of rock must be acknowledged, requiring specialized equipment consideration. Detecting rock early allows for appropriate precautions and the use of specialized machinery tailored for its extraction. Employing such equipment not only enhances cutting efficiency but also mitigates risks to both equipment and project performance.

This MSEW can be designed and constructed over a conventional type of continuous footing or leveling pad over the natural firm soil layer.

Project contractor must follow the OSHA minimum safety procedures for temporary open excavations. It is our opinion that the project contractor is responsible

for keeping safety procedures to safeguard the working personnel, and performance during and after earthwork.

The structural details and topographic profiles for the suggested MSEW were not informed by the project owner. We would like to point out that the project contractor will be given special attention to the existing soil condition. We highly recommend that the final foundation plan and profile section must be submitted for further evaluation before starting the construction phase. We estimated minimum earthwork operations to develop the planned project concept.

The material obtained from the excavation operation cannot be used for filling purposes. Nevertheless, project contractor should use competent geomaterial that can be utilized as an engineered fill. The contractor shall perform classification tests to determine, with the professional geotechnical engineer, if the borrowed fill material is suitable for these purposes.

The material must be classified as an A-2-4, or A-1-a following ASTM D 3282 and AASHTO Classification System. This kind of soil shall be used as a selected borrow fill material to reach the final grade elevation below the retaining wall areas. Therefore, suitable granular fill materials (A-2-4, A-2-6 or A-1 AASHTO) will have to be imported from elsewhere to the project site. Rock sizes of six (6) inches or greater in maximum dimension cannot be allowed as part of borrow fill.

The controlled fill construction shall continue until the final grade elevations are reached. This filling operation must be made under the direct supervision of a qualified geotechnical engineering laboratory. Project grading shall be designed with a positive drainage to avoid water running toward the structures.

The results of the subsoil exploration, by means of test borings, show that the proposed RW structure can be designed and constructed over a continuous footing or leveling pad system.

4.1 Site Preparation

The site preparation, prior to any filling or construction, shall consist of a complete demolition process of the existing structure. Clearing and grubbing of the base of the existing slope. The resulting soils from excavation and clearing process shall not be used for filling purposes.

The excavated soil material shall be engineered replaced using an approved borrow fill soil material by the geotechnical engineer. It must be properly placed and compacted as specified in the fill placement guidelines presented in this report. These operations shall be made under the direct supervision of a qualified geotechnical engineering laboratory that will reinforce the guides covered in this soil report.

The site preparation, prior to any filling or construction, shall consist of clearing and grubbing followed by a proof rolling (at accessible areas) and the footing excavation.

The depth of the footing or leveling pad excavation will be in the order of 3.0 feet minimum below the existing ground surface (bottom portion of the existing slope) in order to cast the footing or leveling pad over a competent geomaterial and to minimize the settlements (differential order) effect.

A visual inspection of the open excavation by the geotechnical engineer on record must be performed instead of proof rolling procedures if a dump truck will not gain access. The excavated soil must be replaced using selected fill material and engineering procedures in the areas that are required. It must be properly placed and compacted as specified in the fill placement guidelines presented in this report. Special attention should be given to this excavation and field observations since it is extremely important to furnish a competent subgrade soil and structure stability at lower and upper grounds must be observed by engineering inspection and project contractor safety and health (EHS) personnel. Also, project grading has to be designed with a positive drainage to avoid water running toward the structure.

The excavation of unsuitable materials and their replacement with properly placed and compacted fill, is a matter that needs to be handled during the progress of the field operations and subsequent earthwork operations. Construction debris or unsuitable cut material must be wasted from areas to be graded and disposed off-site during the excavation procedures. Those operations shall be performed under the direct

observation of the geotechnical engineer or their geotechnical field staff that will enforce the guides covered in this soil report.

4.2 General Fill Placement Guidelines

The fill material to be used for the back wall and reinforced filling and replacement of any weak or unsuitable spots of proposed structure needs to be placed as follows:

a. Prior to any filling or construction, make a clearing and grubbing followed by an undercut operation at the proposed MSEW footing or leveling pad system of the proposed structure.

b. The fill material shall consist of a non-expansive and inorganic soil material, meeting the requirements of an A-2-4 or better (A-1-a or A-1-b) granular material, in accordance with ASTM D 3282.

c. The fill material shall be placed in layers not exceeding eight (8) inches on a surface free of water. Each layer shall be compacted to a minimum of 95.0 percent, based on its maximum dry density determined from a Modified Proctor Compaction Test ASTM D 1557.

d. Compacted fill should be tested for compliance with the recommended relative compaction and moisture conditions. Field density tests should be following *"Standard Test Method for In-Place Density Test and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) as per ASTM D 6938"*.

4.3 Mechanically Stabilized Earth Wall (MSEW) Recommendations

According to the existing project site conditions, it is imperative to construct a retaining structure consisting of a MSEW by sections. This structure will be installed along the area determined by the project designer.

Maccaferri's Terramesh® and Reno Mattress, may be adopted and be combined for the preliminary project concept. We recommend placing the footing system or leveling pad over the competent subgrade. The MSEW will be placed in a flooding prone zone at the lower part. The toe of the lower part of the MSEW must be protected with the Reno Mattress to mitigate the scouring effect. In case that loose, soft or unsuitable material is encountered at the proposed bottom footing elevation, project contractor must lower the foundation system until a firm subgrade is attain.

A qualified contractor should construct the recommended the Maccaferri's Terramesh® and Reno Mattress, according to the manufacturer specifications. This should be strictly followed, and fill placement and compaction must be supervised by a qualified geotechnical engineering laboratory or its authorized technical staff.

The minimum design recommendations for the MSEW are the following:

1. MSEW systems should be supported over firm in situ soil formations. No wall or structure should be placed over unstable superficial fill or slump debris mass. The foundation system or leveling pad shall be casted to a competent natural soil layer. The excavation stage must be coordinated earlier with the undersigned or our staff, to conduct construction observations directed to

assess the conditions of the exposed cuts and the suitability of the foundation soils prior to installation of the walls.

2. The allowable soil bearing pressure for MSEW shall be taken as 4,000 psf.
3. The friction factor at the base should be taken as 0.35 and the passive earth resistance neglected.
4. The estimated design parameter for the estimation of the lateral earth pressures should be the following:

Soil description	Cohesion, c (psf)	Angle of internal friction, φ	Moist unit weight, γ (pcf)
Retained Soil	Neglected	26˚ - 28˚	105 - 110
A-2-4 (MSEW backfill) 95% compaction or better	Neglected	30˚ - 32˚	120 - 125
Foundation Soil	600	10˚ - 12˚	110 - 115

***Table No.1**: Recommended MSEW design parameters*

5. The proposed MSEW should bond to the exposed ground slope wall surface and covered by fill. The bonding interface can be carried out by scarifying into benched terraces to be covered by fill, as the fill progresses upslope to provide appropriate bond with the new material and to break any incipient shear surface along the fill/natural ground interface. Any boulder size rock fragments or weak zones encountered within the exposed slope face must be excavated. Downslope filling should be avoided. Table

No.2 summarizes our recommendations regarding minimum and maximum bench dimensions.

Maximum vertical ***spacing of benches (ft)***	**6**
Minimum vertical ***spacing of benches (ft)***	**3**
Minimum width ***of benches (ft)***	**4**

Table No.2: *Recommended dimensions for benched terraces*

The above-mentioned parameters should be verified during the progress of the excavation or site preparation for the installation of the reinforced earth retaining systems. We should be informed if different classification materials will be used, to provide pertinent design parameters and additional recommendations, if necessary.

6. Engineered fill material, as well as compaction procedures, should be in accordance with MSEW design and manufacturer specifications.
7. MSEW design must be checked for internal, as well as global stability for the different conditions found at the site. Global stability verification was beyond the scope of our investigation. This evaluation depends on the earth retaining system adopted and design aspects such as reinforcement lengths, wall inclination, and drainage, among others. Final foundation depth and reinforcement ("geosynthetics") length may be modified depending on the analysis results. Design must also consider seismic ground accelerations for the site, in accordance with applicable codes.

8. Wall design should include an underground drainage system consisting of a perforated drainpipe (8-in. diameter min.) covered with free draining soil (i.e., crushed stone with no fines). The pipe and the crushed stone should be wrapped or enclosed within a permeable nonwoven polypropylene geosynthetic (Maccaferri's Mactex or equivalent drainage geo-membrane). The drainage system should be connected to a suitable discharge area not susceptible to erosion or protected against it.

4.4 Foundation Recommendations

Once the site preparation works are concluded, the structure foundation can be placed over a competent and firm subgrade. The design of the MSEW foundation or leveling pad system shall be based on an allowable soil bearing pressure of 4,000 psf. The depth of embedment of the MSEW shall be casted over the competent subgrade elevation.

The foundation for Terramesh® MSE wall shall be graded level for a width equal to or exceeding the length of soil reinforcement or as shown in the plans. Prior to beginning select backfill placement, the area under the Terramesh® MSE wall footprint (the zone of the wall facing, soil reinforcement and MSE wall select backfill) should be prepared and compacted. Any soft or loose material that is encountered should be compacted or removed and replaced. The undersigned shall be notified during the phase of the earthwork operation (including clearing and grubbing) and footing excavation operations to perform a visual inspection of exposed soil and submit further

recommendations, if deemed necessary. It is our opinion that any waters coming from the south bound can be diverted using a proper means selected by the project contractor. We encourage that the foundation system should be constructed as dry as possible. Otherwise, the project contractor should implement a proper pumping system.

4.5 Seismic Site Classification

According to the analysis of the relative density of the ground based on the SPT N-values, it is our opinion that this site corresponds to a site classification D (stiff soil profile), according to the PR Building Code 2018 (S_D) and ASCE/SEI 7-16, "*Minimum Design Loads and Associated Criteria for Buildings and Other Structures*", ASCE Standard. Below an adjusted peak ground acceleration (PGA_M) it is mentioned for the site class effect. This PGA value was determined using the ASCE/SEI 7-16, Chapter 11, Section 11.8.3 and Table 11.8.1 – Site Coefficient F_{PGA}.

The design parameters corresponding to the site coordinates were then determined using the ATC Hazard by Location application:

- Mapped spectral response acceleration at short period, S_s = 0.958
- Mapped spectral response acceleration at a one (1) second period, S_1 = 0.364
- Five-percent damped design spectral response acceleration at a short (0.2 sec.) period, S_{DS} = 0.766

- Five-percent damped design spectral response acceleration at a one (1) second period, S_{D1} = See Section 11.4.8 of ASCE 7-16
- Peak Ground Acceleration, PGA = 0.384
- Site Modified Peak Ground Acceleration, PGA_M = 0.467

5. ADDITIONAL COMMENTS AND GENERAL CONDITIONS

This report has been developed to assist the architect/engineer in the design of the proposed Mechanically Stabilize Earth Wall at Comerío Waterfront Project, located at Georgetti Street, Comerío, Puerto Rico. The scope is limited to the project and locations described here. The description of the project's design parameters corresponds to our understanding based on the major relevant aspects regarding soil and foundation characteristics. In the event of any change to the design or location of the structure, as delineated in this report, we should be notified. Therefore, changes may be reviewed and recommendations in this report modified, if necessary, and approved in writing by EARTH Engineers, Inc.

This soil report must be carefully analyzed on the current project design stage, to organize indispensable office meetings for discussion and clarification of any geotechnical aspects of the submitted general foundation design and earthwork construction recommendations. These highly recommended office meetings during the project design stage are essential, since our project general analysis, evaluations and

formulation of the pertinent general foundation design and earthwork construction recommendations have been formulated using preliminary drawings and advanced information. The suggested office reunions are also directed to discuss and cover up additional foundation analysis and general earthwork recommendations not covered or included in the current present soil report. Coordinated meetings at the project design stage will be of great support in the contractor pre-bid meeting.

This soil report, with any necessary additional revisions as Addendum to Soil Report, shall be available to the bidding contractors to avoid any future claims.

Based on the results of the test borings program, the above geotechnical considerations are submitted for the preparation of the project design and cost estimates.

Any contractor bidding on this project shall obtain the opinion of a geotechnical engineer regarding the construction consideration for the preparation of his/her own project construction cost estimates.

The given recommendations are based on the spot checks, which constitute the test borings made within the buildable area of the site and considered as representative subsoil conditions, which are or might be present along the project. However, the fact does not exclude the disclosures of a different condition to those found once the construction phase starts. Please notice that the extensions mentioned are determined by the boring locations for the purpose of estimated value. However, the actual extension and limits occur in a transition zone, and as a result, variations of the specified test

borings shall be expected. Any abnormal condition between boring locations during the construction phase shall be notified to the geotechnical engineer on record for further evaluation and pertinent recommendations.

A contracted geotechnical laboratory should be present to assist the project inspector in the monitoring of the geotechnical procedures and to perform the necessary quality control tests. If our company is not chosen for field monitoring, the selected geotechnical laboratory and its professional engineers should receive our soil report, evaluate it, and adopt it as their own. The selected geotechnical laboratory may ask for additional site investigation to corroborate or adjust the recommendations to their knowledge, thus fully waiving EARTH Engineers, Inc. from any responsibility regarding the project. Project designer, selected project contractor and geotechnical engineer on record, among others; must establish a pre-construction meeting to coordinate every single task related to the earthwork operations or soil improvement. This meeting is particularly important since it will be a terrific opportunity to clarify several aspects or questions about this phase before starting the construction of the project.

It is important to emphasize that all depths in this report are referred to the lot existing ground surface at the time of field exploration.

Final grading, Terramesh® profile sections and foundation plans should be submitted to our office, to revise it and provide final geotechnical report. We highly recommend to perform test pits at difficult or unreachable drilling areas before any earthwork operation in order to observe any unsuitable subsoil condition and submit further recommendations .

Respectfully submitted,
EARTH Engineering, PSC
EARTH Engineers, Inc.



Senior Geotechnical Engineer



Eng. Juan K. Hernández-Rosario, EIT
Junior Geotechnical Engineer

March 8, 2024
Job No. EEI-23-121375
Enclosures



APPENDIX A

Boring Logs

EARTH ENGINEERS, INC.

#4 Terrazas de Carraizo, San Juan, PR 00926
Tel. (787) 922-5579

BORING LOG

BORING NO. 1
SHEET 1 OF 1
JOB NO. EEI-23-121375

PROJECT Comerio Waterfront
LOCATION Comerio, PR
COORDINATES (State Plane, NAD83):
NORTH 242499.833 m
EAST 221769.419 m
STATION
SAMPLER:
HAMMER: WT 140 lbs DROP 30"
TYPE Split Spoon SIZE 1.375"
DEPTH OF WATER: N/F ft. AFTER COMPLETION
N/A ft. N/A HOURS AFTER COMPLETION

DATE STARTED 12/15/23
DATE COMPLETED 12/15/23
DRILL MACHINE CME-55
DRILLER J. Bruno
GROUND ELEV. 0.0
DEPTH OF HOLE 12.58
WATER TABLE Not Found

DEPTH (ft)	ELEV. (m)	SAMPLE NO.	Blows per 6 in. incr.	SPT N VALUE (BLOWS/FT)	MATERIAL DESCRIPTION	SYMBOL	U.S.C.S. DESIGNATION	% RECOVERY	R.Q.D.	MOISTURE CONTENT W_n	W_p	W_l	I_p	STRENGTH (TSF) q_u*	STRENGTH (x) ø**
0	0.0	SS-1	2 1 1	2	SILT with sand and gravel, few clay, moist, low plasticity, very soft, dark yellowish brown		ML	29		23					
	-0.6	SS-2	1 3 6	9	Same As Above, stiff			13		33					
	-1.2	SS-3	3 2 2	8	SILTY CLAY with sand, moist, high plasticity, medium, dark brown		CH/MH	46		29				3.75A	
5	-1.8	SS-4	4 4 6	17	Same As Above, very stiff			100		25				3.75A	
	-2.4	SS-5	7 7 10	23	Same As Above			83		29				4.00A	
10	-3.0	SS-6	10 12 13	21	Same As Above			88		14				2.75A	
	-3.7	SS-7	10 12 9	50/1"	BEDROCK		GP	21		1					
	-3.8		10 11 13 21 50/1"		END OF BORING										
15															
20															
25															

U.S.C.S. - UNIFIED SOIL CLASSIFICATION SYSTEM DESIGNATION.
R.Q.D. - ROCK QUALITY DESIGNATION, IN PERCENT.
W_N,W_P,W_L AND I_P - NATURAL WATER CONTENT, PLASTIC LIMIT, LIQUID LIMIT AND PLASTICITY INDEX (I_P W_L - W_P) RESPECTIVELY.

*q_u - UNCONFINED COMPRESSION STRENGTH; REPORTED VALUES OBTAINED FROM:
A. POCKET PENETROMETER
B. SPRING TEST
C. UNCONFINED COMPRESSION TEST
D. TRIAXIAL TEST
E. VANE TEST

** ø - EFFECTIVE INTERNAL FRICTION ANGLE; REPORTED VALUES OBTAINED FROM:
1. DIRECT SHEAR TEST REPORTING PEAK VALUE, $ø_p$
2. DIRECT SHEAR TEST REPORTING RESIDUAL VALUES $ø_r$
3. DIRECT SHEAR TEST REPORTING BOTH $ø_p$ AND $ø_r$
4. TRIAXIAL TEST REPORTING RESIDUAL VALUE, $ø_r$
5. TRIAXIAL TEST REPORTING PEAK VALUE $ø_p$
6. TRIAXIAL TEST REPORTING BOTH $ø_p$ AND $ø_r$

EARTH ENGINEERS, INC.

#4 Terrazas de Carraizo, San Juan, PR 00926
Tel. (787) 922-5579

BORING LOG

BORING NO. 2
SHEET 1 OF 1
JOB NO. EEI-23-121375

PROJECT Comerio Waterfront
LOCATION Comerio, PR
COORDINATES (State Plane, NAD83):
NORTH 242497.638 m
EAST 221783.380 m
STATION
SAMPLER:
HAMMER: WT 140 lbs DROP 30"
TYPE Split Spoon SIZE 1.375"
DEPTH OF WATER: N/F ft. AFTER COMPLETION
N/A ft. N/A HOURS AFTER COMPLETION

DATE STARTED 12/15/23
DATE COMPLETED 12/15/23
DRILL MACHINE CME-55
DRILLER J. Bruno
GROUND ELEV. 0.0
DEPTH OF HOLE 10.67
WATER TABLE Not Found

DEPTH (ft)	ELEV. (m)	SAMPLE NO.	Blows per 6 in. incr.	SPT N VALUE (BLOWS/FT)	MATERIAL DESCRIPTION	SYMBOL	U.S.C.S. DESIGNATION	% RECOVERY	R.Q.D.	MOISTURE CONTENT W_n	W_p	W_l	I_p	STRENGTH (TSF) q_u*	STRENGTH (x) ø**
0	0.0	SS-1	2 2 2 2 2	4	FILL: SILT with sand, little gravel, few clay, moist, low plasticity, soft, dark yellowish brown		FILL	54		21				1.50A	
	-0.6	SS-2	1 1 1 1 1	2	Same As Above, some gravel, no clay, very soft			17		16					
5	-1.2	SS-3	2 4 9 5 9	13	FILL: SILTY CLAY with sand, gravel and concrete, moist, high plasticity, stiff, dark yellowish brown		CH/MH	50		28					
	-1.8	SS-4	3 9 3 3 3	12	Same As Above, few debris			42		31					
	-2.4	SS-5	3 6 11 15 30	17	SILT with sand, few clay, moist, low plasticity, very stiff, dark brown		ML	79		28				4.00A	
10	-3.0	SS-6	50/2"	50/2"	BEDROCK		GP	25		19					
	-3.3				END OF BORING										
15															
20															
25															

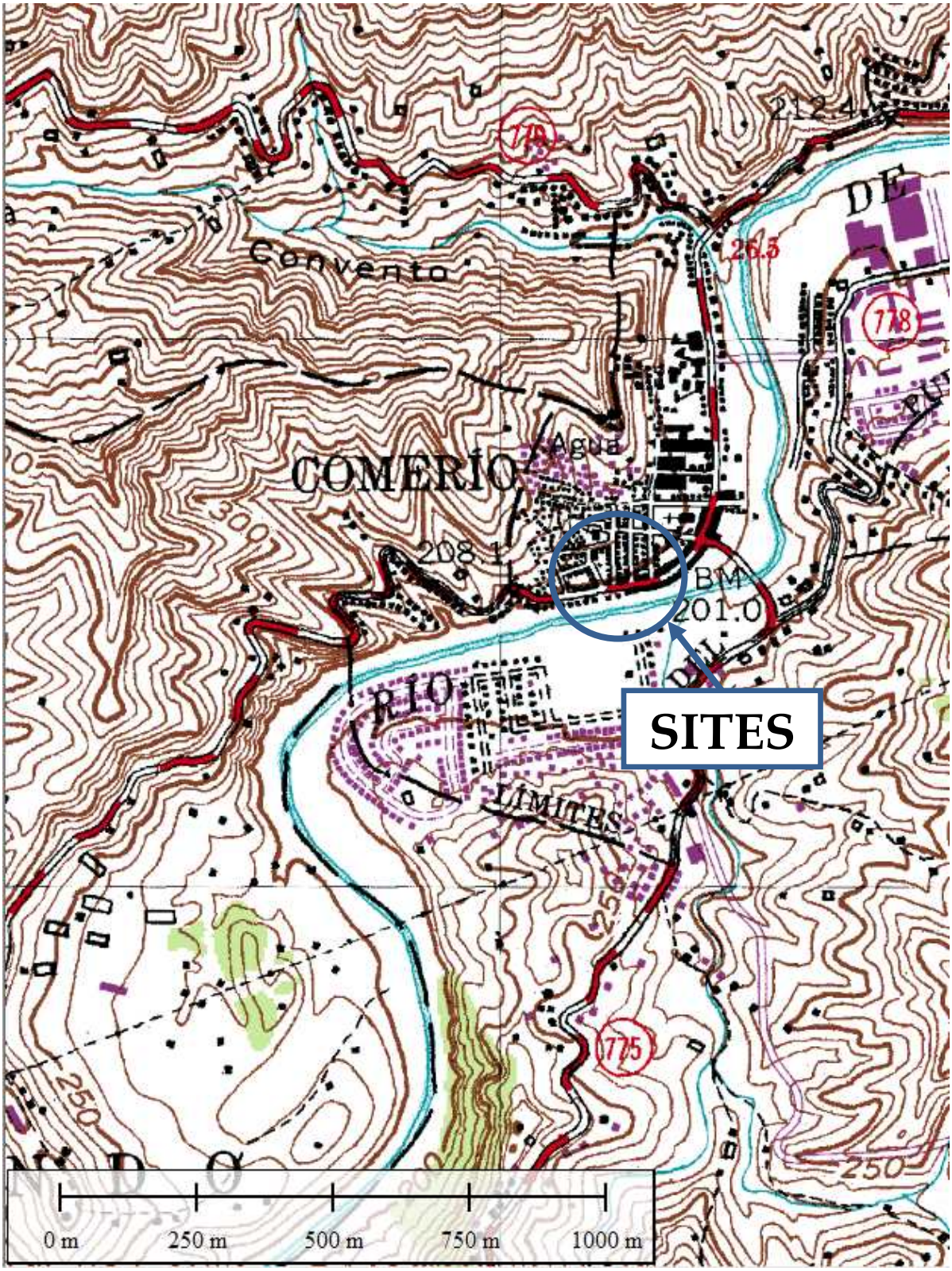
U.S.C.S. - UNIFIED SOIL CLASSIFICATION SYSTEM DESIGNATION.
R.Q.D. - ROCK QUALITY DESIGNATION, IN PERCENT.
W_N,W_P,W_L AND I_P - NATURAL WATER CONTENT, PLASTIC LIMIT, LIQUID LIMIT AND PLASTICITY INDEX (I_P W_L - W_P) RESPECTIVELY.

*q_u - UNCONFINED COMPRESSION STRENGTH; REPORTED VALUES OBTAINED FROM:
A. POCKET PENETROMETER
B. SPRING TEST
C. UNCONFINED COMPRESSION TEST
D. TRIAXIAL TEST
E. VANE TEST

** ø - EFFECTIVE INTERNAL FRICTION ANGLE; REPORTED VALUES OBTAINED FROM:
1. DIRECT SHEAR TEST REPORTING PEAK VALUE, $ø_p$
2. DIRECT SHEAR TEST REPORTING RESIDUAL VALUES $ø_r$
3. DIRECT SHEAR TEST REPORTING BOTH $ø_p$ AND $ø_r$
4. TRIAXIAL TEST REPORTING RESIDUAL VALUE, $ø_r$
5. TRIAXIAL TEST REPORTING PEAK VALUE $ø_p$
6. TRIAXIAL TEST REPORTING BOTH $ø_p$ AND $ø_r$

APPENDIX B

Figures

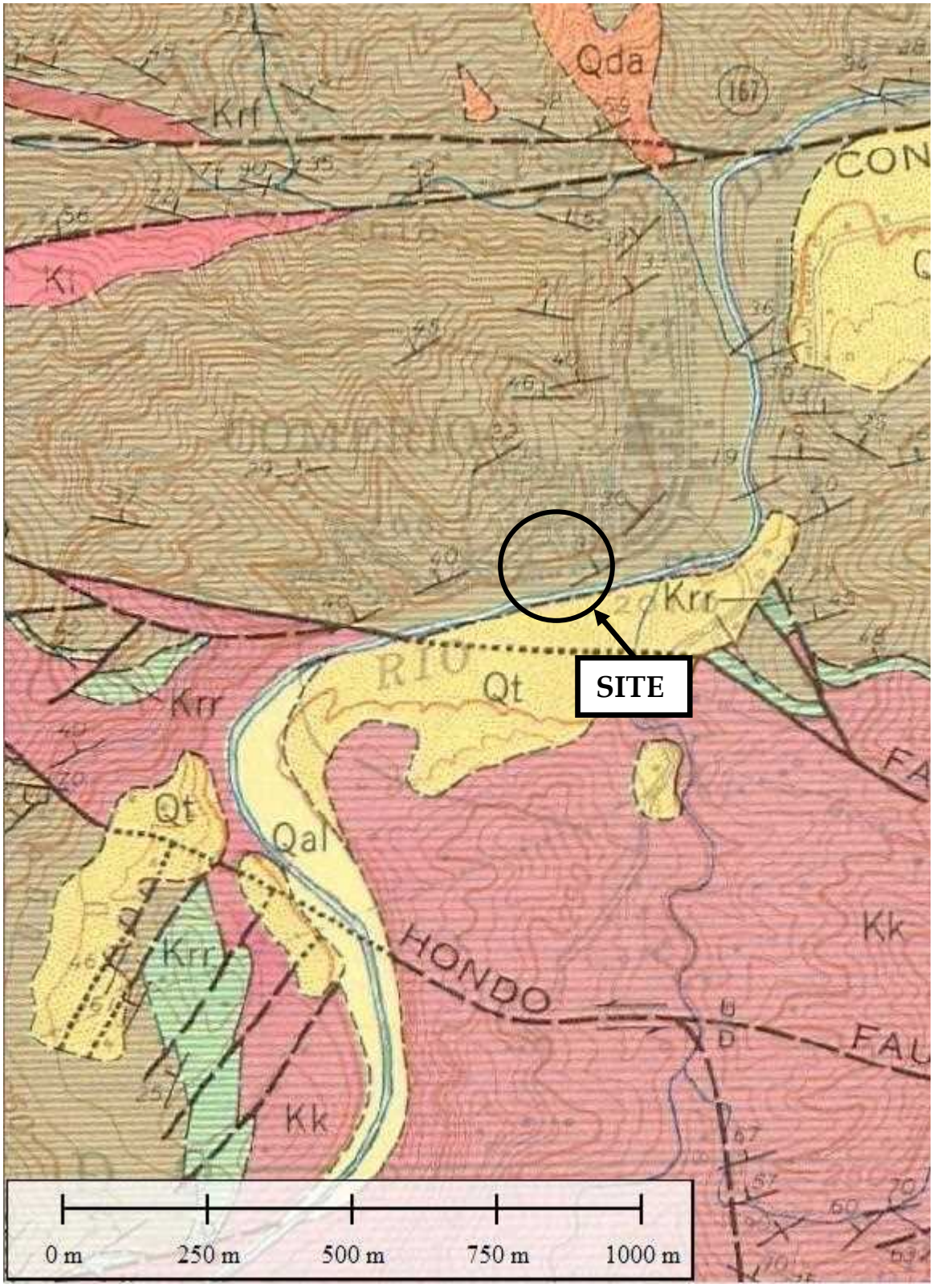


Earth Engineers

Geotechnical Engineering,
Soils and Materials Testing,
Earthwork Monitoring

Figure 1 Site Location Map

Adapted from the Comerío Topographic Quadrangle
(USGS Latest Rev.1957)



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Soils and Materials Testing,
Earthwork Monitoring

Figure 2 Geologic Map

Adapted from the Geologic Map of Comerío Quadrangle
(Maurice H. Pease, Jr. and Reginald P. Briggs, 1960)



Earth Engineers
Geotechnical Engineering,
Soils and Materials Testing,
Earthwork Monitoring

Figure 3 Boring Locations on Aerial Photo (Approximated) **Job No. EEI-23-121375**

Attachment 19
Hydrologic-Hydraulic Study

HYDROLOGIC-HYDRAULIC STUDY OF RÍO DE LA PLATA, COMERÍO WATERFRONT PARK, COMERÍO, PUERTO RICO



May 2024

PREPARED FOR:

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HYDROLOGIC-HYDRAULIC STUDY OF RÍO DE LA PLATA, COMERÍO WATERFRONT PARK, COMERÍO, PUERTO RICO

1. INTRODUCTION

1.1 Project Description and Location

The proposed Comerío Waterfront Park project (18° 13' 2.41" N, 66° 13' 35.94" W) consists of a 5,600 ft^2 outdoor recreational area adjacent to Río de La Plata. The project proposed by the Municipality of Comerío includes the development of parking areas, linear parkways, improvements to existing new sidewalks, curbs, gutters, and crosswalks. The project also includes the demolition of seven (7) existing structures, and the rehabilitation of one (1) structure classified as having historical importance. Figure 1 and Figure 2 show the project area on the United States Geological Survey (USGS) topographic quadrangle and on aerial photography, respectively.

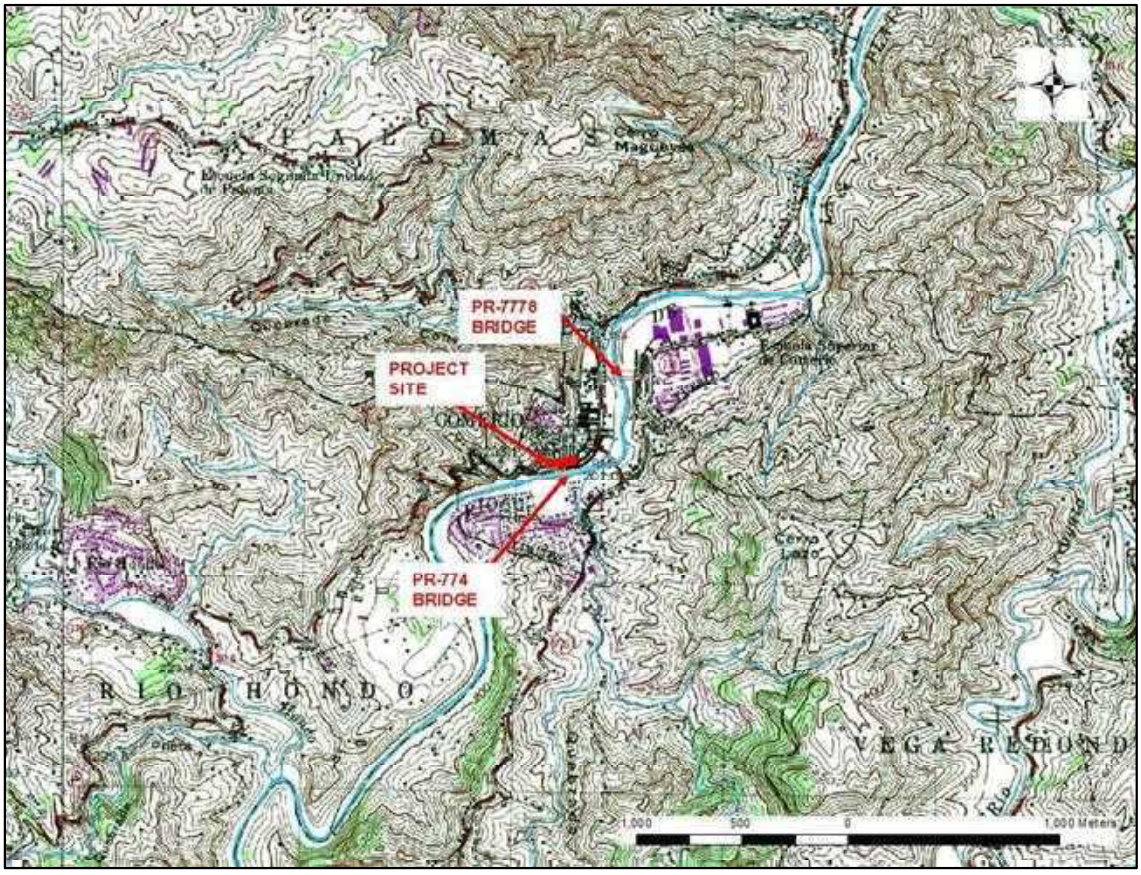

Figure 1: Project location on USGS topographic quadrangle

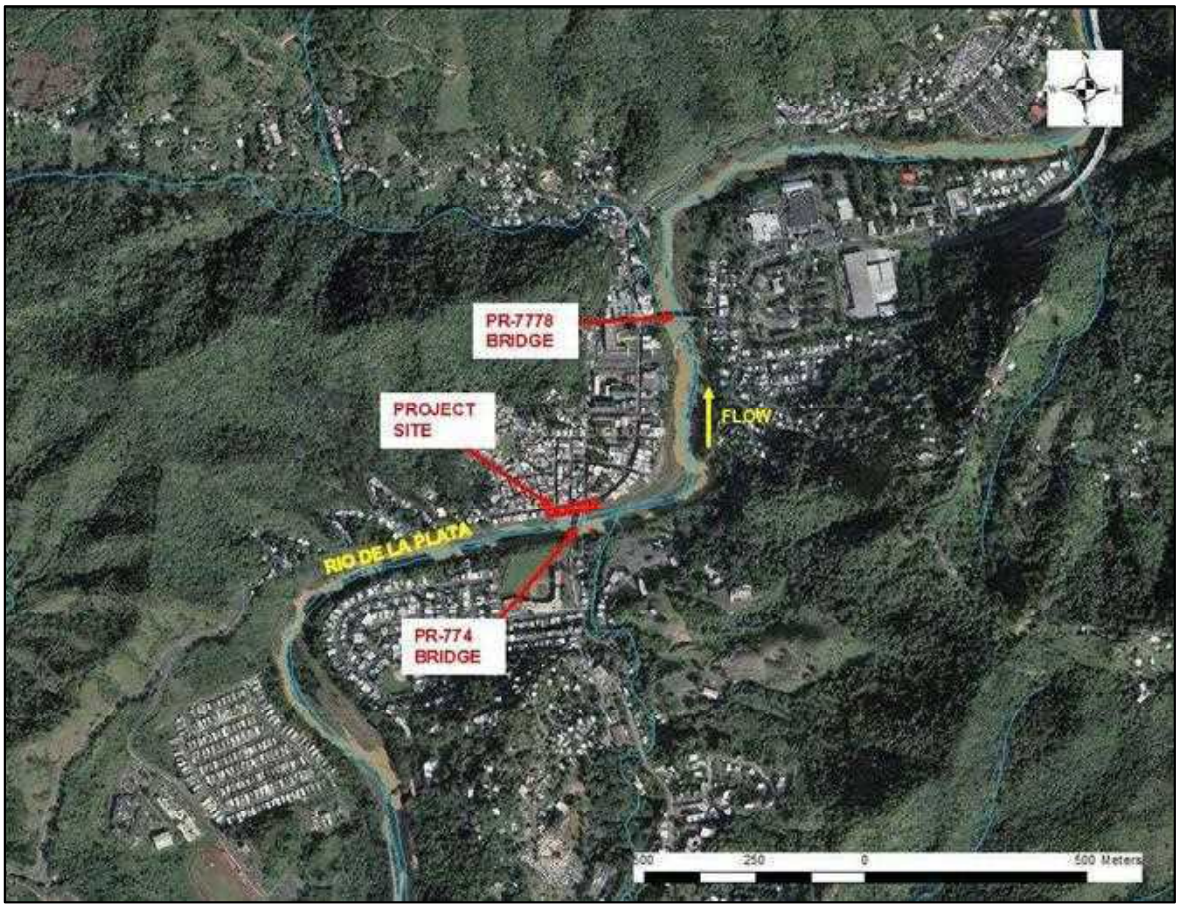

Figure 2: Project location on aerial photography

Figure 3 shows the layout of the proposed Comerío Waterfront Park project. The project will be located within the regulatory floodway, and it will be developed on existing ground elevation, without the placement of fill or the construction of new structures.

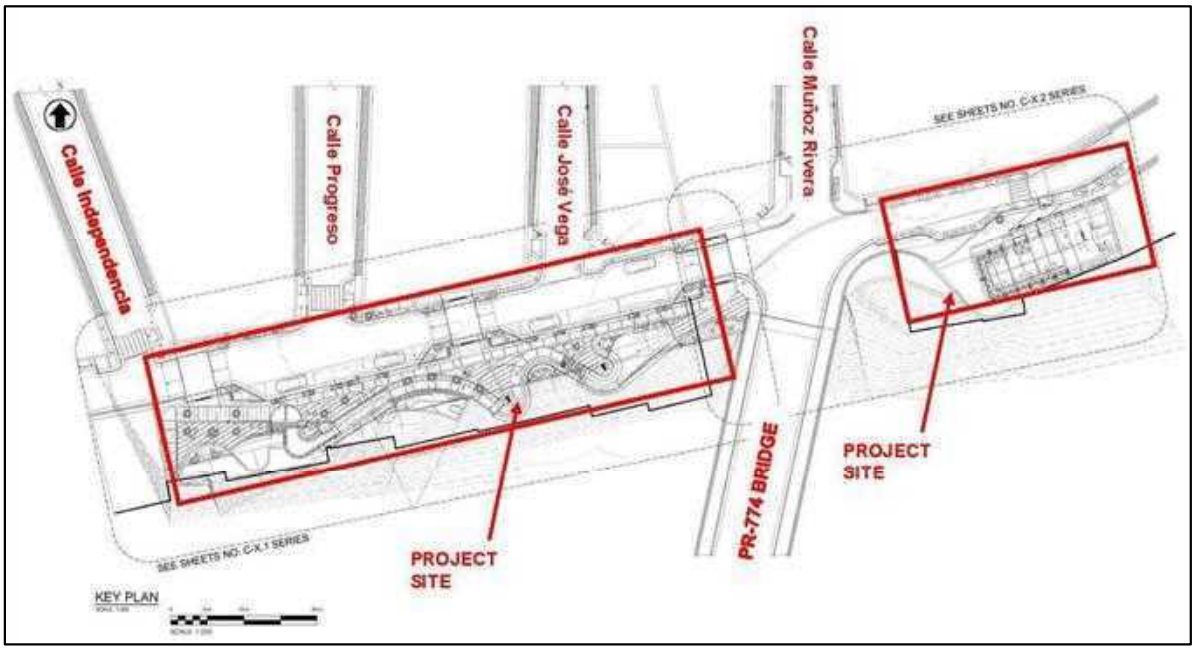

Figure 3: Proposed project layout

1.2 Scope and Purpose of Study

This document contains the results of the hydrologic-hydraulic analysis of Río de La Plata for the development of the proposed project. The study was performed to determine 100-year flood levels along Río de La Plata under existing and proposed conditions. The proposed project must comply with the parameters established in Planning Board Regulation #13.

1.3 Authorization

Eng. Francisco Rodríguez-Ema, of RC Group, LLC, has authorized preparation of this report through a written agreement with GLM Engineering Group, PSC.

2. STUDY AREA DESCRIPTION

2.1 Topography and Water Bodies

Río de La Plata generally flows north across the municipalities of Cayey, Comerío, Naranjito, Toa Alta, and Dorado before discharging into the Atlantic Ocean more than 40 kilometers north of the town of Comerío. The river's headwaters originate in the mountainous terrain of Sierra de Cayey at elevations of approximately 850 m-msl.

The river flows east of the town of Comerío. The state road PR-774 bridge is located south of town, and adjacent to the project site, and the PR-7778 bridge is located 660 meters downstream of PR-744. Quebrada Piña discharges into the river 45 meters downstream of PR-744. Figure 4 shows the location of the study reach on aerial photography

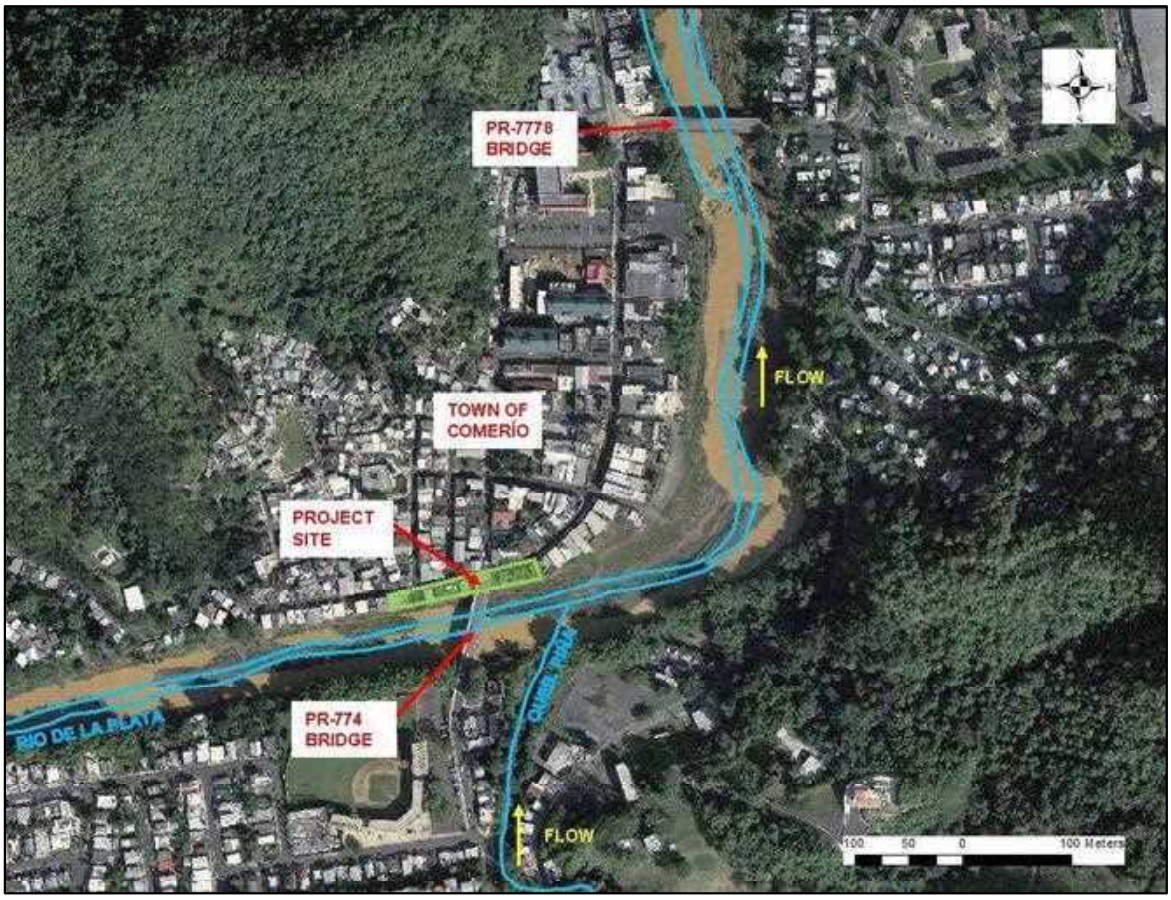

Figure 4: Location of Project Site, Río de La Plata and Quebrada Piña on aerial photography

2.2 Prior Studies and Flood Mapping

FEMA Flood Insurance Rate Map

The Federal Emergency Management Agency (FEMA) has determined peak discharge and flood levels along the study reach. Figure 5 shows FEMA Flood Insurance Rate Map (FIRM) panel 1180H, dated April 19, 2005, where the project is located. The Base Flood Elevation (BFE) at the project site is 198.6 m-msl.

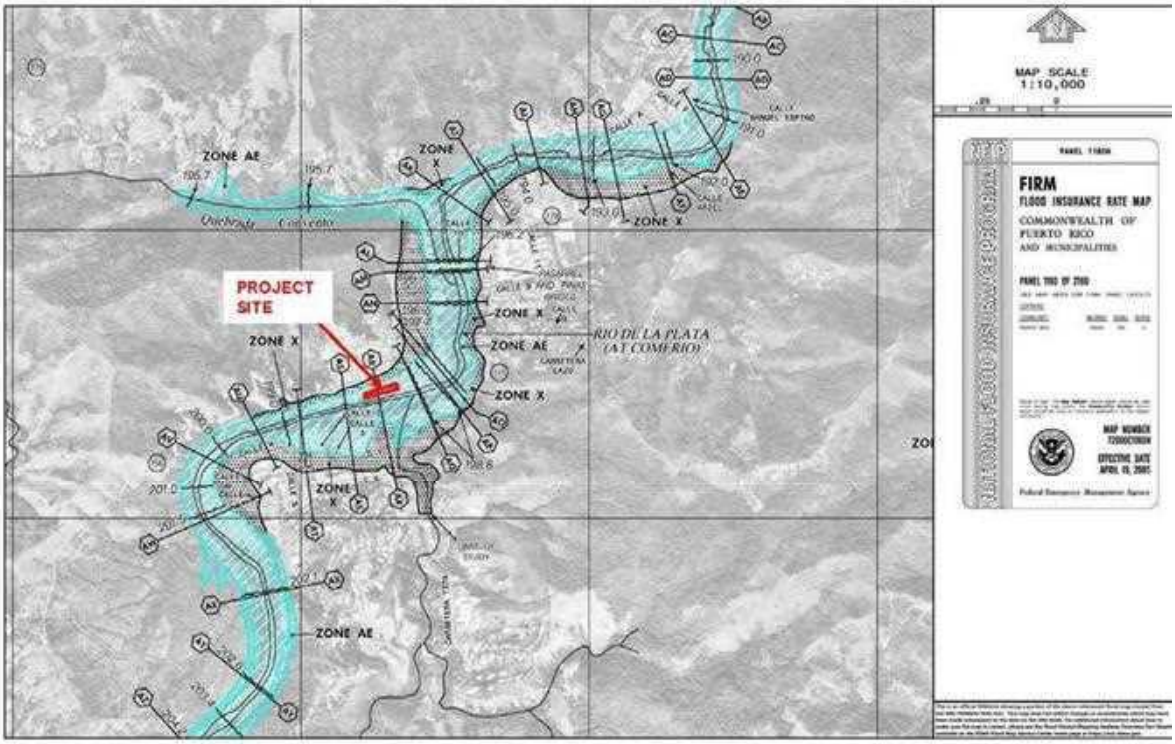

Figure 5: Project location on FEMA FIRM, panel 1180H, dated April 19, 2005

FEMA Advisory Base Flood Elevation Map

In April 2018 the Puerto Rico Planning Board adopted a FEMA Advisory Flood Map for the study area. Figure 6 shows the project location on the FEMA Advisory Flood Map panel 1180H dated April 13, 2018. Advisory Base Flood Elevations (ABFE) at the project is 204.18 m-msl.

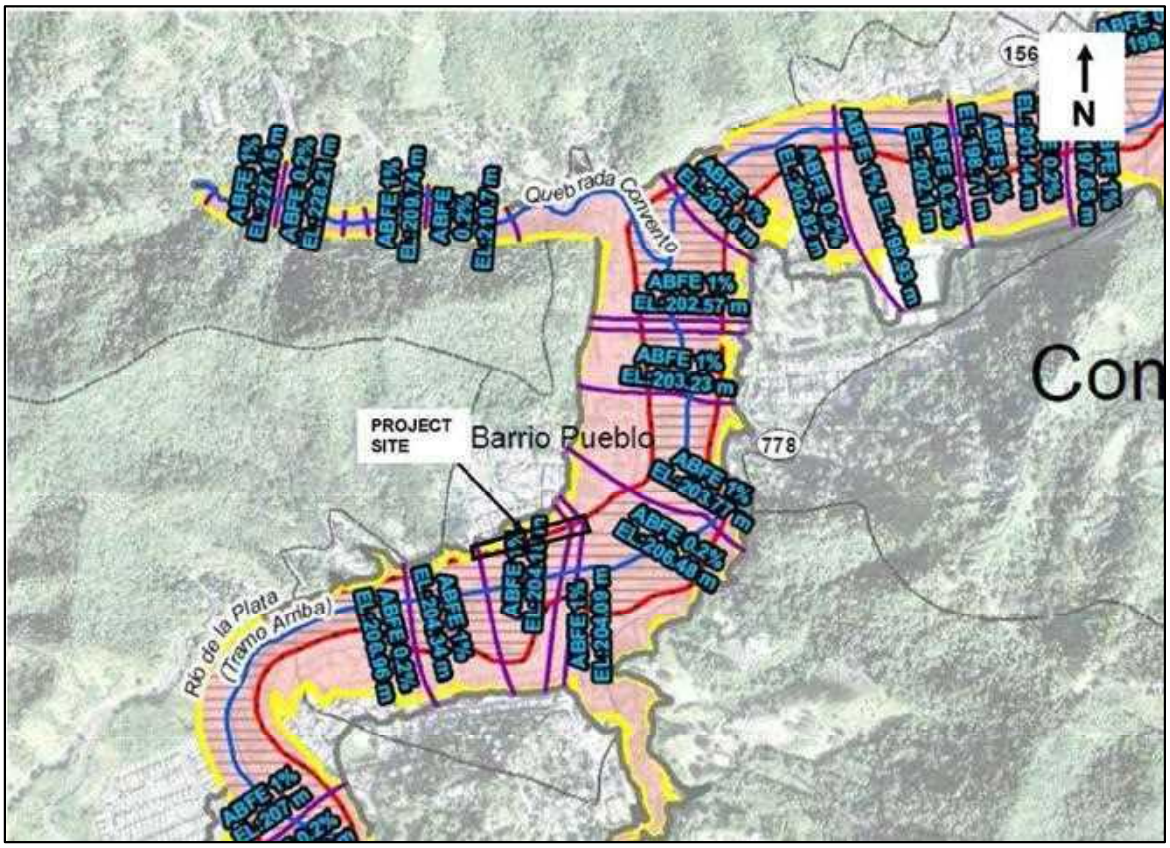

Figure 6: Project location on FEMA Advisory Flood Map panel 1180H, dated April 13, 2018

2.3 Field Data

Surveyor Héctor Luis Benitez provided topographic data for the project site and river cross sections referenced to mean sea level. Survey data was taken December 2023

2.4 Field Observations

The project site was visited in September 2023. The following observations were made:

- The project includes the demolition of existing multi-story structures located upstream and downstream of the state road PR-774 bridge, on the river's left (north) bank. Figure 7 shows photographs of Río de La Plata from the PR-774 bridge that show the existing structures that will be demolished or rehabilitated.

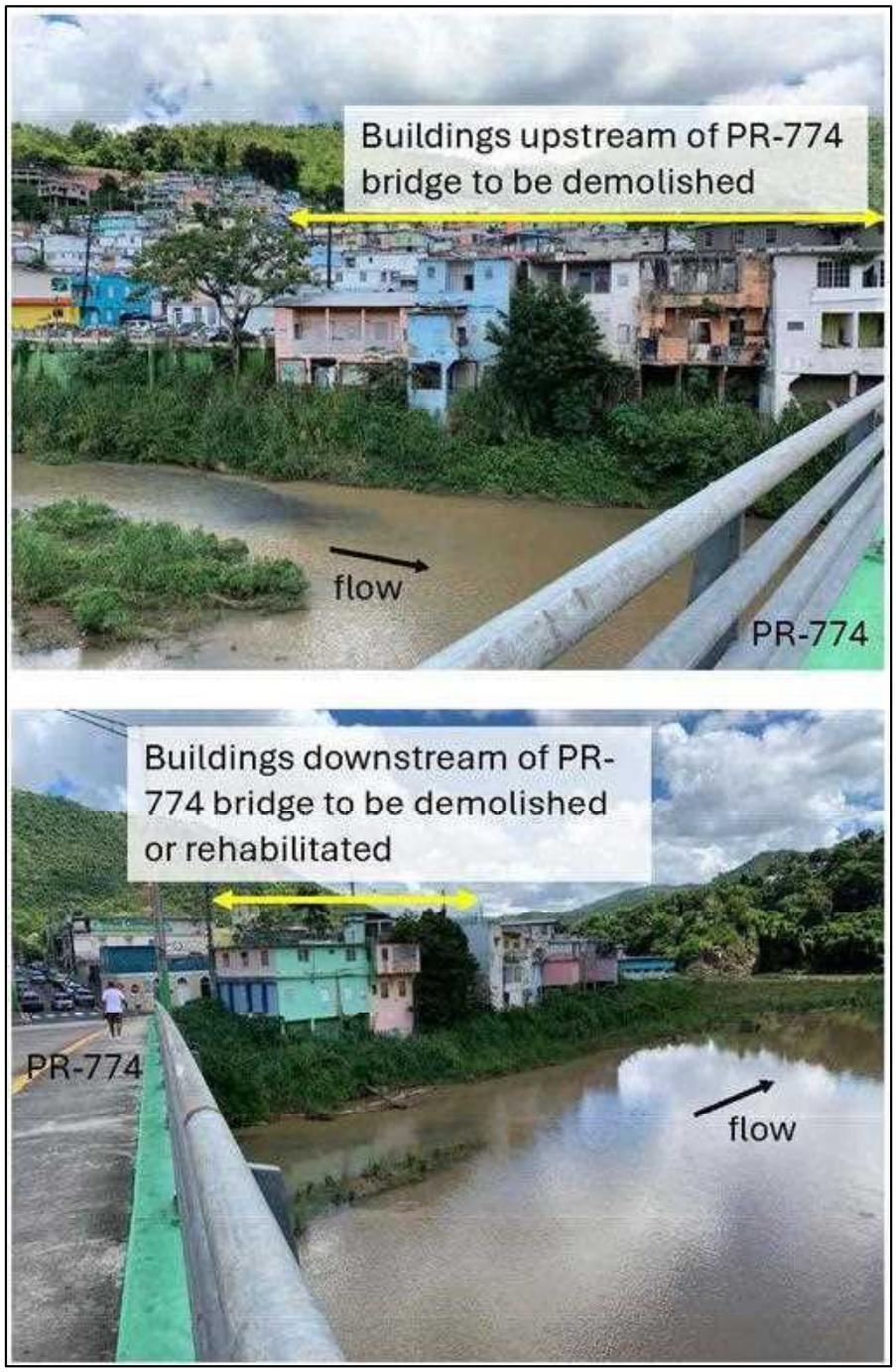

Figure 7: Photographs of Río de La Plata from the PR-774 bridge showing existing structures that will be demolished or rehabilitated

- Bed material consists mainly of gravel and sand. Banks are heavily vegetated with tall grass, trees and bamboo.

3. HYDROLOGIC ANALYSIS

3.1 FEMA FIS Hydrology

The peak discharges published by FEMA in their FIS are shown in Table 1. The location reported in Table 1 corresponds to the state road PR-9778 bridge located downstream of the project. This bridge is located downstream of the confluence with Quebrada Piña. Appendix A includes a partial reproduction of FEMA's FIS of Río de La Plata at Comerío.

Table 1: FEMA FIS peak discharges for Río de La Plata at Comerío

Location	Drainage Area (km^2)	Peak discharge (m^3/s)			
		10-yr	50-yr	100-yr	500-yr
At Passarrel and Pina Bridge*	189.0	910	2,125	2,830	5,235

*note: PR-7778 bridge. Located 620 meters downstream (north) of project

3.2 FEMA ABFE Map Hydrology

Table 2 compares the FEMA FIS peak discharges with the peak discharges used by FEMA for the preparation of the Advisory Base Flood Elevation (ABFE) Maps, as obtained from the FEMA HEC-RAS hydraulic models available for download at the PR Planning Board internet portal (model 050714903c). Appendix B includes the results of the HEC-RAS model prepared by FEMA for the publication of the Advisory Flood Map. The FEMA Advisory Flood Map discharges shown in the table were taken from FEMA model cross section 38684.86 which is located at upstream face of the PR-7778 bridge. FEMA ABFE Map discharges are considerably higher than the FEMA FIS discharges for all return intervals.

Table 2: Comparison of FIS and ABFE Map peak discharges at Río de La Plata

FEMA Study	Peak discharge (m^3/s)			
	10-yr	50-yr	100-yr	500-yr
FIS	910	2,125	2,830	5,235
ABFE Map	2,094	4,394	5,665	9,337

Table 3 presents the ABFE Map peak discharges obtained for Río de La Plata upstream (model cross section 41113.48) and downstream (model cross section 38684.86) of the confluence with Quebrada Piña. The discharges shown in Table 3 were used for hydraulic modeling.

Table 3: ABFE Map peak discharges (m^3/s) at Río de La Plata

Location	10-yr	50-yr	100-yr	500-yr
DS of Queb. Piña	2,094	4,394	5,665	9,337
US of Queb. Piña	2,058	4,328	5,586	9,232

4. HYDRAULIC ANALYSIS

4.1 Study Approach and Methodology

Hydraulic modeling was performed with the US Army Corp of Engineers' HEC-RAS (v 6.4.1) software. HEC-RAS uses uniform, steady and one-dimensional flow to estimate the effects produced by changes in geometry, roughness, and flow. The program also considers hydraulic structures like culverts, bridges, and other structures. Given the type of analysis, the one-dimensional flow regime, the ability to simulate encroachments, and the lack of significant storage effects along the study reach, HEC-RAS is considered the appropriate model for this analysis. The hydraulic analysis was performed for the 100-year event, for a sub-critical flow regime. The starting water surface elevation was set at 203.23 m-msl, which corresponds to the ABFE at the beginning of the model (cross section 1).

4.2 Layout of Hydraulic Model

Cross section locations were selected based on topographic mapping and field reconnaissance to best represent the hydraulic characteristics of the study reach. Figure 8 shows the location of the model cross sections on aerial photography. Table 4 presents cross section names used in the model and those used by the surveyor.

Table 4: Cross section names used in HEC-RAS model

Model Cross	Survey Cross	Description
1	01	
2	02	
3	03	
4	04	Located along project
5	05	Located along project
6	06	DS face of PR-774 bridge
7	07	US face of PR-774 bridge
8	08	Located along project
9	09	Located along project
10	10	Located along project
11	11	
12	12	

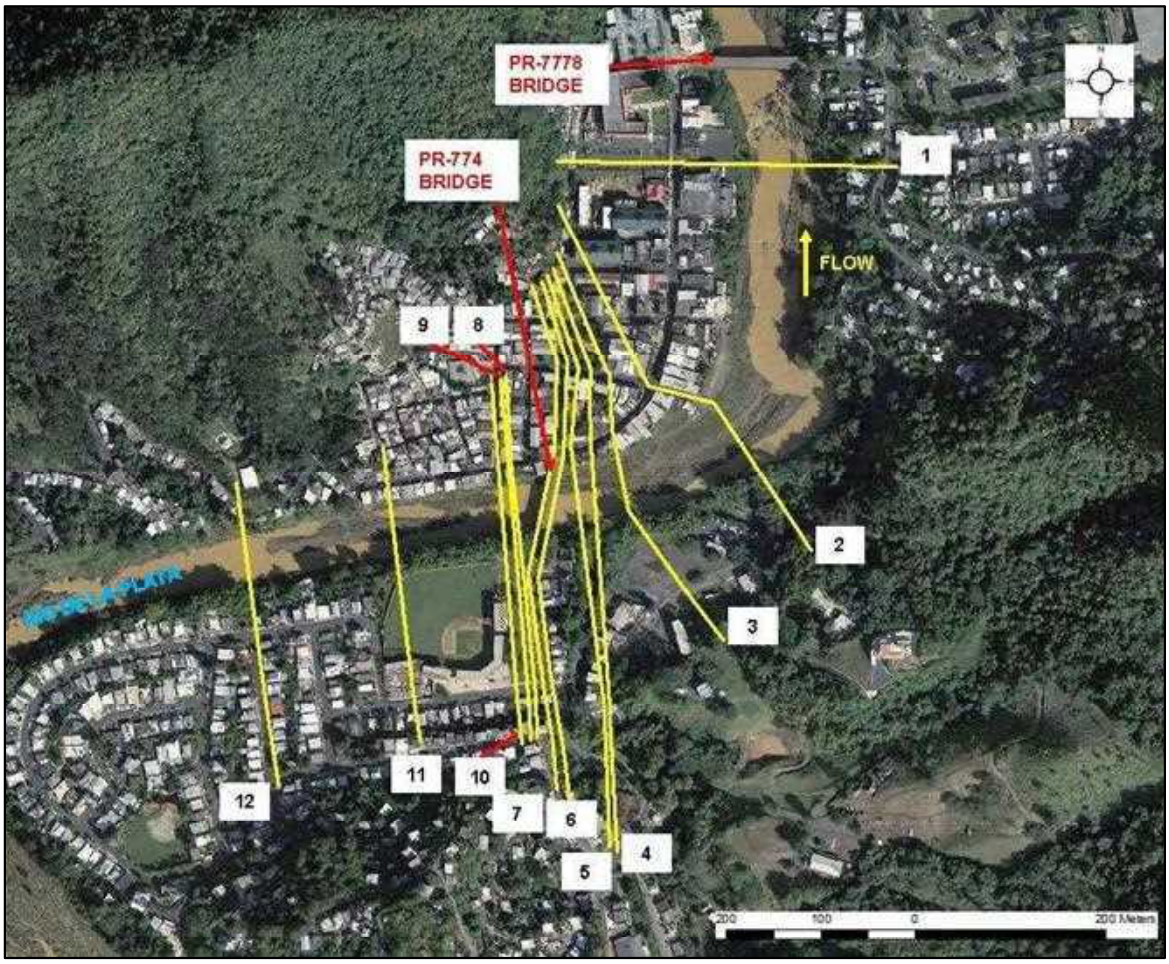

Figure 8: Location of HEC-RAS model cross sections on aerial photography

4.3 Hydraulic Modeling Coefficients

Manning's n-values were estimated based on field observations and checked with reference to Barnes (1967) and Chow (1959). The values employed for the coefficient of expansion and contractions are those used recommended by HEC-RAS. These coefficients of expansion and contraction increase for bridge sections characterized by abrupt transitions. Table 5 shows the coefficients used in hydraulic modeling.

Table 5: Hydraulic coefficients used in HEC-RAS modeling

Parameters	Value
MANNING'S N-VALUE	
Main Channel	0.04
Overbanks	0.08
COEFFICIENT OF EXPANSION	
Gradual Transition	0.3
Abrupt Transition	0.5
COEFFICIENT OF CONTRACTION	
Gradual Transition	0.1
Abrupt Transition	0.3

4.4 Models Prepared

Existing Condition Model: This model consists of twelve (12) cross sections. It simulates existing hydraulic conditions along the river based on recent field-surveyed cross sections and covers a river reach of 956 meters. The model includes the state road PR-774 bridge at model station 6.5. Existing structures along the project site were modeled as flow obstructions at model cross sections 4, 5, 8, and 9. This model also simulates regulatory floodway limits along the study reach as presented by FEMA in their FIRM (Figure 5). The floodway was analyzed using the HEC-RAS Type-1 encroachment method to match the location of the georeferenced regulatory floodway limits. Using the ArcGIS tool, the location of the regulatory floodway was identified at each of the surveyed cross sections. The regulatory floodway was analyzed by FEMA with a 0.30 m maximum allowable surcharge. Figure 9 shows the location of the regulatory floodway within the modeled cross sections. Appendix C includes input data and results of the Existing Condition Model.

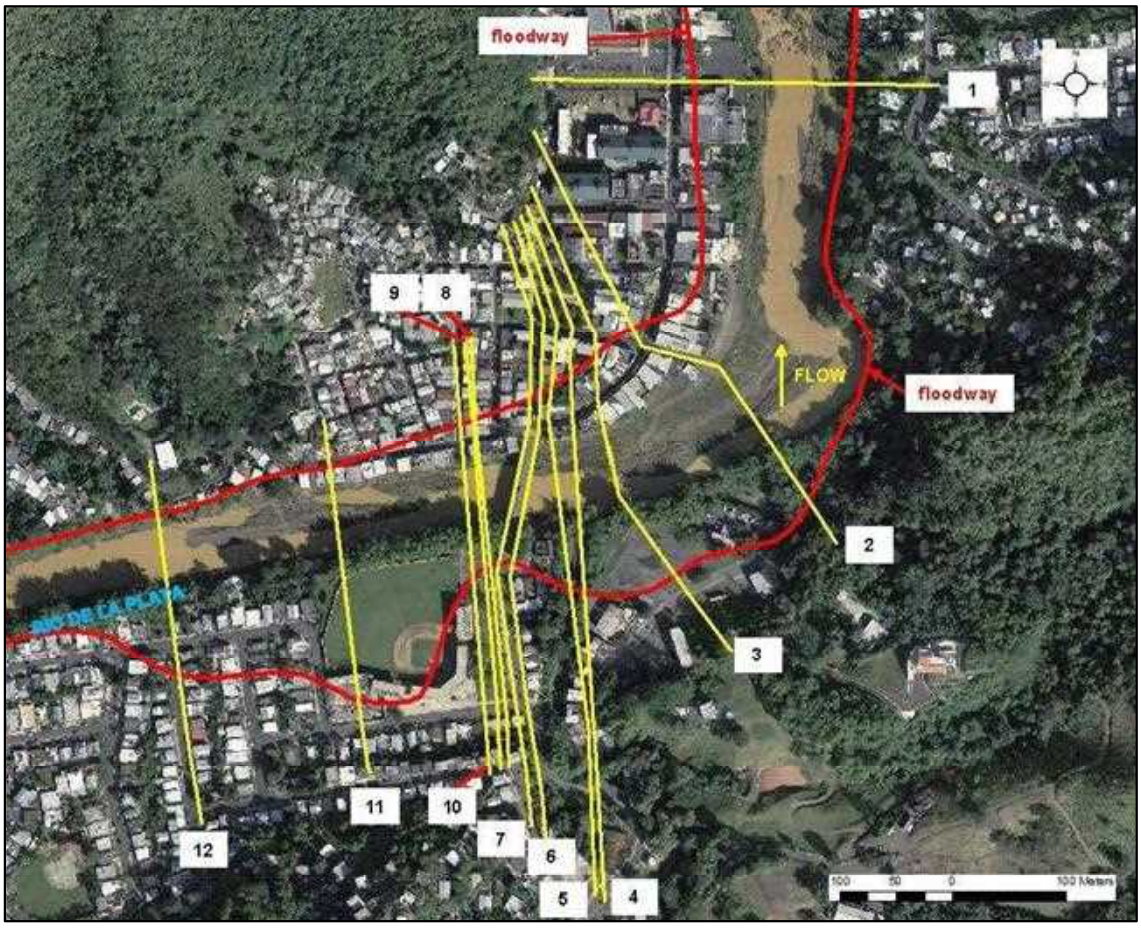

Figure 9: Location of regulatory floodway along model cross sections on aerial photography

The town of Comerío is located within Río de La Plata's 100-yr floodplain. Ineffective flow areas were set along the left and right overbank where development is present (see Figure 10).

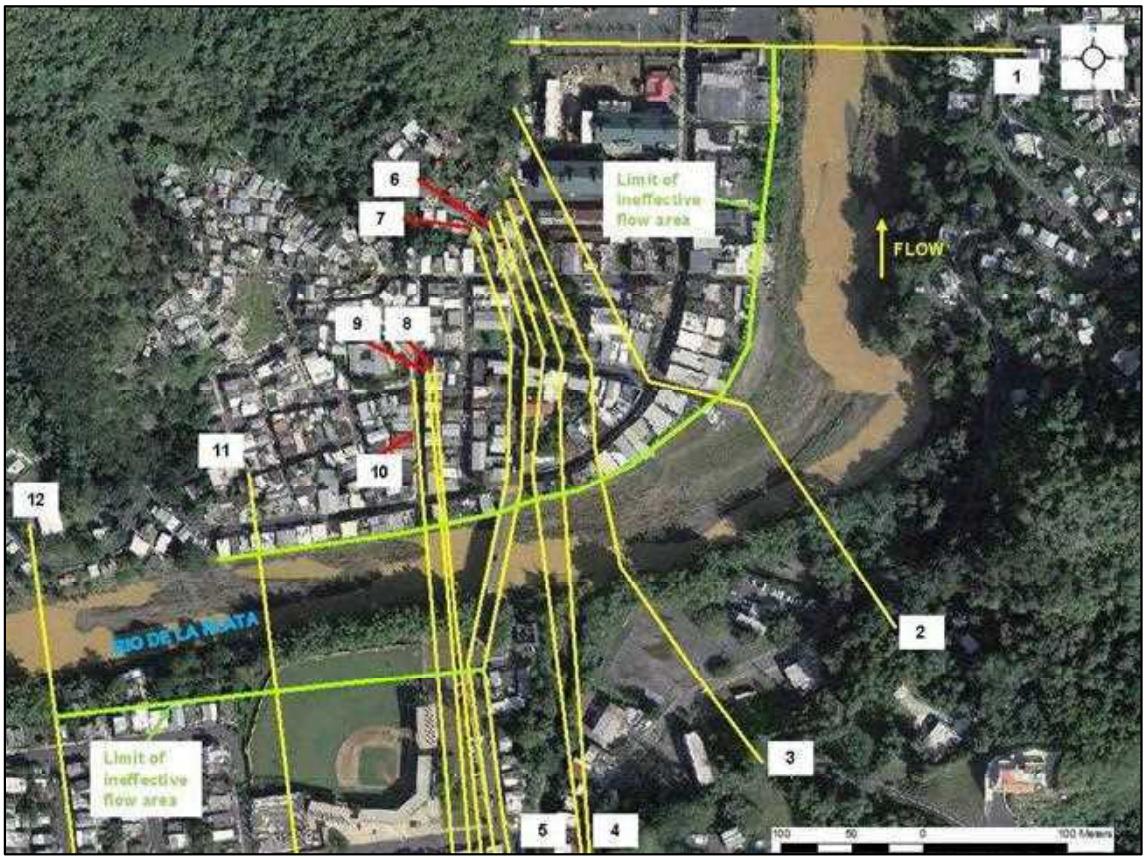

Figure 10: Limits of ineffective flow areas within the developed areas inside the floodplain

The model includes eight (8) existing structures that are located inside the project area. Seven (7) structures will be demolished, and one (1) structure of historical importance will be rehabilitated. Figure 11 shows the location of the eight (8) structures impacted by the project on aerial photography, and Figure 12 shows the location of the structures and model cross sections.



Figure 11: Location of structures to be demolished or rehabilitated

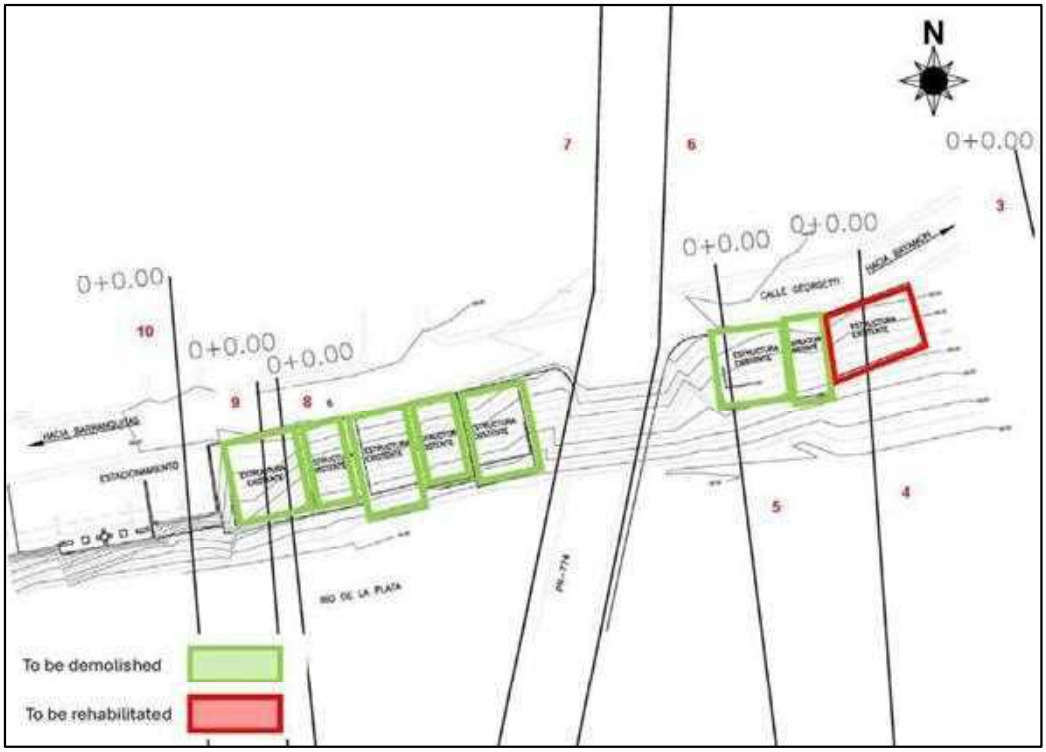

Figure 12: Location of model cross sections and existing structures to be demolished or rehabilitated

The structures shown in Figure 11 and Figure 12 were modeled as flow obstructions.

Proposed Condition Model: This model incorporates the proposed project into the Existing Condition Model. The flow obstructions representing the structures to be demolished were eliminated from model cross sections 5, 8, and 9. The existing structure at cross section 4 will remain. Figure 13 and Figure 14 compare model cross sections 4, 5, 8, 9 and 10 under existing and proposed conditions. The model also includes the regulatory floodway modeled in the Existing Condition Model. Appendix D includes input data and results of the Proposed Condition Model.

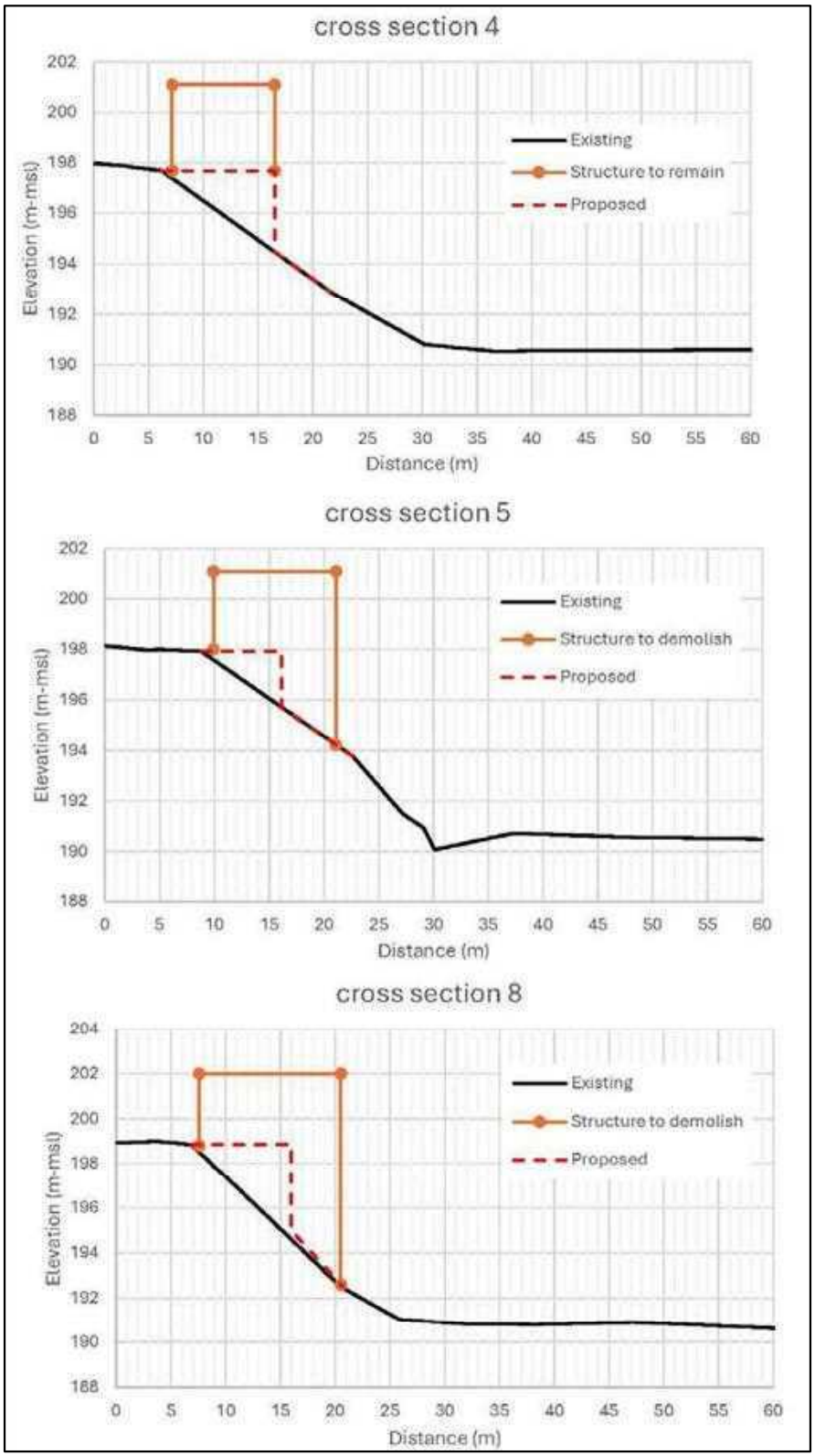

Figure 13: Comparison of cross sections 4, 5 and 8 under Existing and Proposed Conditions

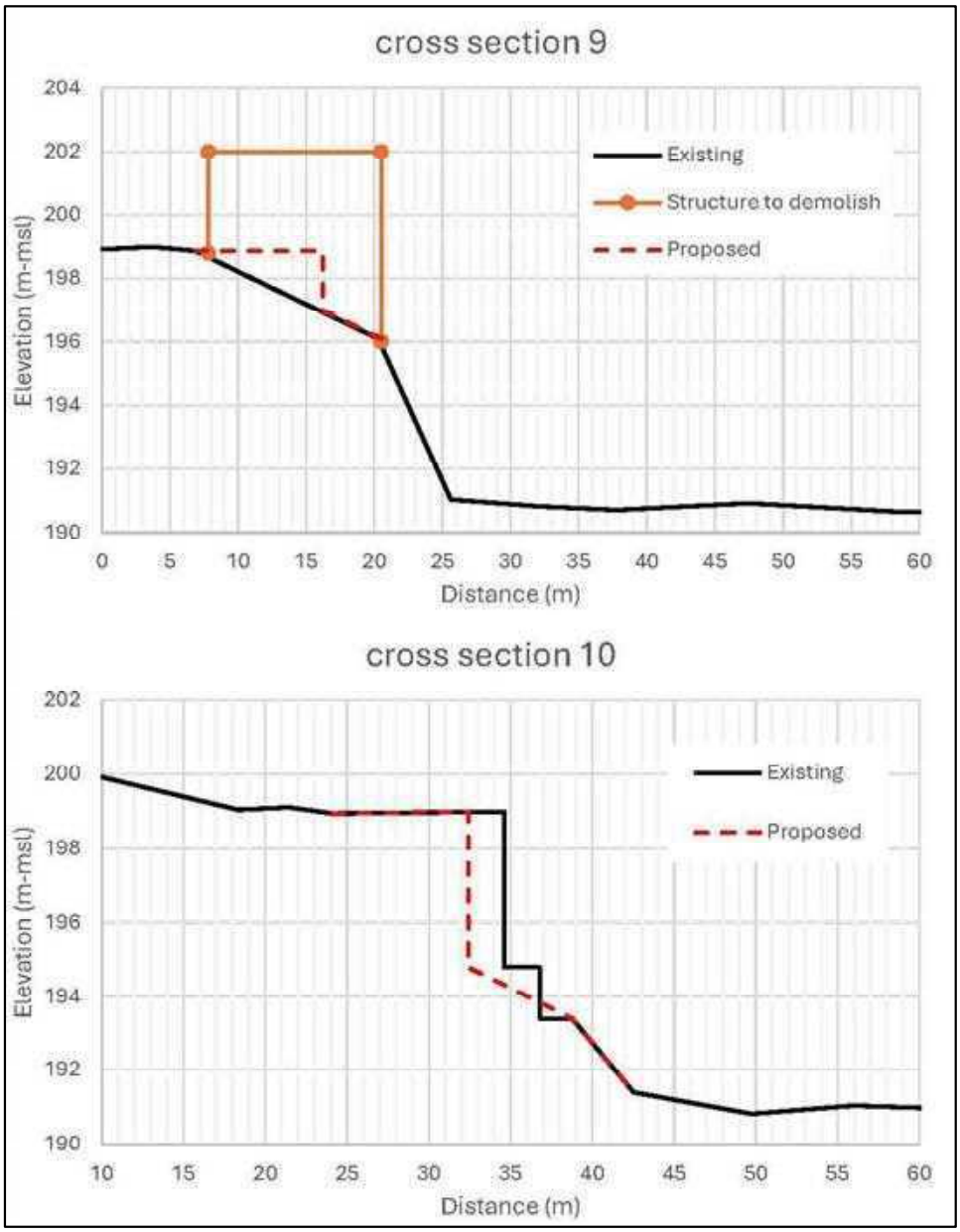

Figure 14: Comparison of cross sections 9 and 10 under Existing and Proposed Conditions

4.5 Results of Hydraulic Analysis

Table 6 presents the 100-yr flood levels along Río de La Plata under existing conditions, with and without floodway encroachment. Figure 15 compares the Existing Condition Model 100-yr flood profile with FEMA BFEs and ABFEs. The Existing Condition model is capable of reproducing FEMA's ABFEs. BFEs are more than 6 meters lower than reported ABFEs.

Table 6: Result of Existing Condition Model

Cross Section	100-yr Water Surface Elevation (m-msl)		
	without floodway	with floodway	difference
1	203.23	203.43	0.20
2	203.60	203.74	0.14
3	203.86	203.85	-0.01
4	204.53	204.51	-0.02
5	204.56	204.52	-0.04
6	204.22	204.30	0.08
7	204.41	204.58	0.17
8	204.13	204.23	0.10
9	204.07	204.18	0.11
10	204.01	204.17	0.16
11	204.48	204.72	0.24
12	204.39	204.62	0.23

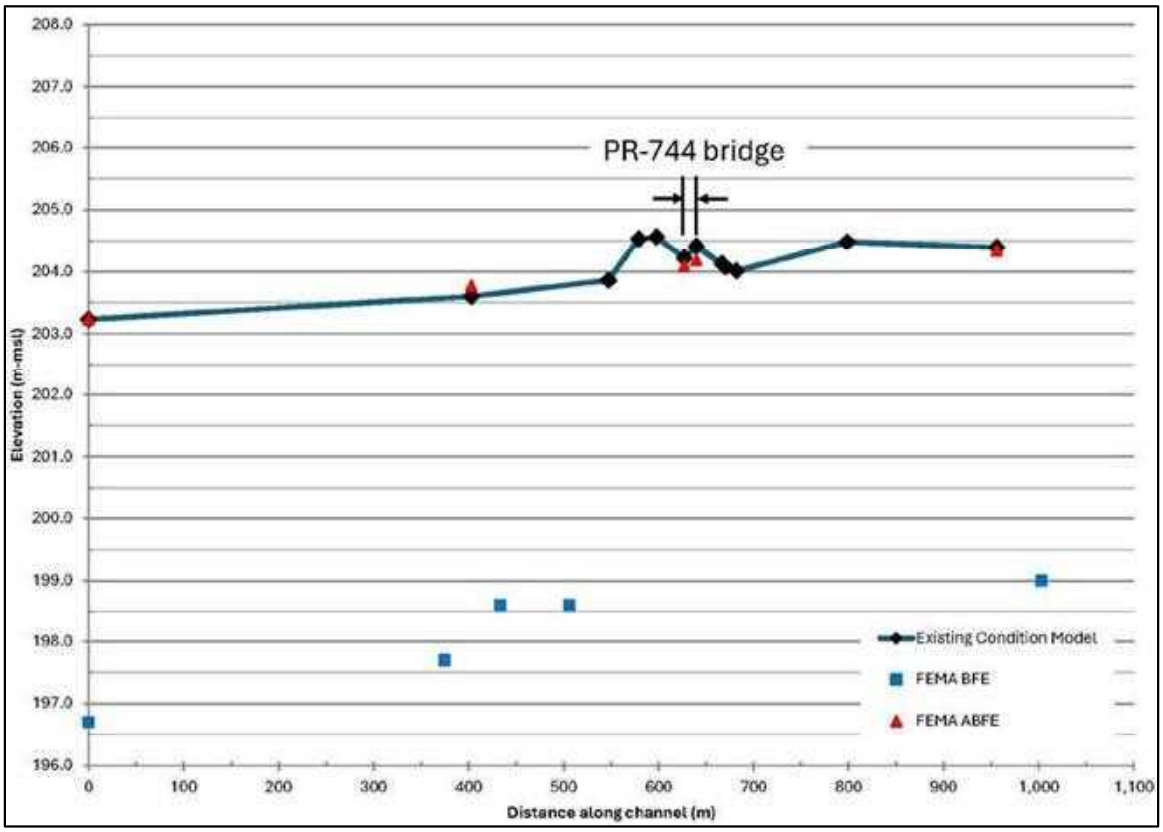

Figure 15: Comparison of Existing Condition Model 100-yr flood profile with FEMA ABFEs and BFEs

Table 7 shows the results of the Proposed Condition Model. The proposed project shown in Figure 3 falls inside the river's floodway. PR Planning Board Regulation #13 states that the proposed project must not increase "floodway elevations during the base flood discharge event". Table 8 compares Existing and Proposed Condition 100-yr flood levels. Table 9 shows the flow velocities under proposed conditions. Modeling shows that the proposed project does not increase base flood elevation along the river.

Table 7: Result of Proposed Condition Model

Cross Section	100-yr Water Surface Elevation (m-msl)		
	without floodway	with floodway	difference
1	203.23	203.43	0.20
2	203.60	203.74	0.14
3	203.86	203.85	-0.01
4	204.53	204.51	-0.02
5	204.56	204.52	-0.04
6	204.22	204.30	0.08
7	204.41	204.58	0.17
8	204.10	204.21	0.11
9	204.06	204.17	0.11
10	204.00	204.17	0.17
11	204.47	204.72	0.25
12	204.38	204.61	0.23

Table 8: Comparison of Existing and Proposed Condition 100-yr flood level (m-msl)

Cross Section	Existing	Proposed	difference
1	203.23	203.23	0.00
2	203.60	203.60	0.00
3	203.86	203.86	0.00
4	204.53	204.53	0.00
5	204.56	204.56	0.00
6	204.22	204.22	0.00
7	204.41	204.41	0.00
8	204.13	204.10	-0.03
9	204.07	204.06	-0.01
10	204.01	204.00	-0.01
11	204.48	204.47	-0.01
12	204.39	204.38	-0.01

Table 9: Flow Velocities under Proposed Conditions

Cross Section	Flow Velocity (m/s)
1	4.58
2	5.20
3	4.78
4*	2.75
5*	2.65
6*	4.58
7*	4.44
8*	5.54
9*	5.63
10*	5.91
11	5.40
12	6.45

* Located along project site

5. SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

1 The Comerío Waterfront Park (18° 13' 2.41" N, 66° 13' 35.94" W) consists of a 5,600 ft^2 outdoor recreational area adjacent to Río de La Plata. The project proposed by the Municipality of Comerío includes the development of parking areas, linear parkways, improvements to existing new sidewalks, curbs, gutters, and crosswalks. The project also includes the demolition of seven (7) existing structures, and the rehabilitation of one (1) structure classified as having historical importance.

2 According to the FEMA FIRM and ABFE Map (Figure 5 and Figure 6) the project falls within regulatory floodway limits. PR Planning Board Regulation #13, Sec. 6.0, states that the proposed project must not increase "floodway elevations during the base flood discharge event". The study was performed to determine 100-year flood levels along Río de La Plata under existing and proposed conditions.

3 This river has been studied previously by FEMA and peak discharges have been determined for the study reach. Table 2 compares the FEMA FIS peak discharges with the peak discharges used by FEMA for the preparation of the Advisory Base Flood Elevation (ABFE) Maps. FEMA ABFE Map discharges are considerably higher than the FEMA FIS discharges for all return intervals. The ABFE Map discharges shown in Table 3 were used for hydraulic modeling.

4 Hydraulic modeling was performed with HEC-RAS (v 6.4.1) software. The starting water surface elevation was set at 203.23 m-msl, which corresponds to the ABFE at the beginning of the model (cross section 1).

5 The hydraulic models consist of twelve (12) cross sections and covers a river reach of 956 meters. The model simulates regulatory floodway limits along the study reach as presented by FEMA in their FIRM (Figure 5) by using the HEC-RAS Type-1 encroachment method. Table 6 presents the 100-yr flood levels along Río de La Plata under existing conditions, with and without floodway encroachment.

6 The Existing Condition Model includes the existing structures to be demolished or rehabilitated as flow obstructions on model cross sections 9, 8, 5 and 4. Figure 14 compares the modified cross section under Existing and Proposed Condition.

7 Table 8 compares Existing and Proposed Condition 100-yr flood levels. Modeling shows that the proposed project does not increase base flood elevation along the river.

6. CERTIFICATION

I hereby certify that the document "Hydrologic-Hydraulic Study of Río de La Plata, Comerío Waterfront Park, Comerío, Puerto Rico" has been prepared in accordance with the best hydrologic and hydraulic practices as described in this document and that, based on the studies and field measurements provided by other parties, results are true and correct.

Certified today May 1, 2024

José D. Miranda, M.E.C.E., P.E.



7. REFERENCES

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Appendix A

Partial Reproduction of FEMA FIS, Volume 1 of 5

VOLUME 1 OF 5

COMMONWEALTH OF PUERTO RICO AND MUNICIPALITIES



COMMUNITY NAME	COMMUNITY NUMBER
COMMONWEALTH OF PUERTO RICO	720000
MUNICIPALITY OF BAYAMÓN	720100
MUNICIPALITY OF PONCE	720101

REVISED:
NOVEMBER 18, 2009

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
72000CV001B

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (METERS MSL)			
CROSS SECTION	DISTANCE[1]	WIDTH (METERS)	SECTION AREA (SQUARE METERS)	MEAN VELOCITY (METERS PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Rio de la Plata (at Toa Alta) (continued)								
P	12.435	400	2,760	1.9	17.0	17.0	17.3	0.3
Q	12.681	408	2,551	2.0	17.3	17.3	17.5	0.2
R	13.390	394	3,238	1.5	18.8	18.8	19.0	0.2
S	14.790	284	1,978	2.5	19.2	19.2	19.4	0.3
T	15.796	178	1,937	2.5	20.4	20.4	20.5	0.1
U	16.337	179	1,908	2.5	22.0	22.0	22.3	0.2
V	17.542	360	2,604	1.9	20.9	20.9	21.1	0.2
W	17.732	265	3,431	1.4	20.4	20.4	20.6	0.2
Rio de la Plata (At Comerio)								
Z-AW[2]								
AX	48.456	129	955	4.5	202.1	202.1	202.3	0.2
AY	48.792	88	693	6.0	202.6	202.6	202.9	0.3
AZ	49.177	95	793	5.1	204.2	204.2	204.5	0.3
Rio de la Plata (At Cayey)								
BA-BD[2]								
BE	89.950	213	1,115	1.2	370.8	370.8	371.1	0.3
BF	90.150	213	1,123	1.0	370.9	370.9	371.2	0.3
BG	90.410	213	1,728	0.6	370.9	370.9	371.2	0.3
BH-BI[2]								
BJ	91.090	213	598	1.9	371.8	371.8	372.1	0.3
BK	91.558	213	364	2.4	372.6	372.6	372.9	0.3
BL	92.620	213	462	1.9	375.8	375.8	376.0	0.2

[1] Kilometers above Mouth
[2] Data not available

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY

COMMONWEALTH OF PUERTO RICO AND MUNICIPALITIES

FLOODWAY DATA

RIO DE LA PLATA (AT TOA BAJA) – RIO DE LA PLATA (AT COMERO) – RIO DE LA PLATA (AT CAYEY)

TABLE 4 - SUMMARY OF DISCHARGES - continued

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. kilometers)	PEAK DISCHARGES (cms) 10-PERCENT	2-PERCENT	1-PERCENT	0.2-PERCENT
RÍO GRANDE DE MANATÍ					
At mouth	518.0	2,201	4,824	6,400	11,405
At USGS Gage No. 50038100	510.23	2,176	4,766	6,315	11,259
At bridge for PR Highway 2	427.35	2,176	4,766	6,315	11,259
Approximately 12 kilometers upstream of PR Highway 2	406.63	1,974	4,506	6,112	11,574
Downstream of confluence of Rìo Cialtios	393.68	1,935	4,409	5,977	11,308
At USGS Gage No. 50035200 (discontinued)	349.65	1,798	4,070	5,507	10,385
At USGS Gage No. 50035000	347.06	1,798	4,049	5,479	10,330
RÍO OROCOVIS					
At Cross Section A	22.3	141.6	269.1	339.9	538.2
At Cross Section J	15.7	104.8	198.3	246.5	382.4
At Cross Section P	11.8	85.0	153.0	189.8	294.6
At Cross Section R	N/A	85.0	153.0	189.8	294.6
RÍO DE LA PLATA					
At Pinas	478.86	3,072	4,333	5,193	6,740
At Tao Alta	510.23	3,055	4,295	5,160	6,680
At Bridge for PR Highway 2	531.72	3,027	4,275	5,142	6,620
At Tao Baja	544.16	3,004	4,239	5,116	6,560
At Mameval	559.70	2,851	4,028	4,850	6,360
RÍO DE LA PLATA (AT COMERIO)					
At Passarrel and Pina bridge	189.00	910	2,125	2,830	5,235
RÍO DE LA PLATA (AT CAYEY)					
At PR Highway 753	96.45	525	1,075	1,385	2,350
At PR Highway 1	75.89	430	890	1,130	1,925
At PR Highway 52	55.66	340	680	880	1,445
RÍO DE LA PLATA TRIBUTARY NO. 1					
Approximately 0.41 kilometer above mouth	8.08	50	90	110	160
At Access Road	3.32	25	40	50	70
Approximately 2.96 kilometers above mouth	1.76	15	25	30	45

Appendix B

Results of FEMA ABFE MAP HEC-RAS Model of Río de La Plata

HEC-RAS Plan: Plan 01 River: 14093c Reach: 286 Profile: 100yr

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl	Cum Ch Len
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)		(m)
286	176837.9	100yr	1268.63	485.13	492.84	490.43	493.48	0.020100	3.53	359.00	66.38	0.49	53552.71
286	176590.1	100yr	1269.31	481.77	491.20	488.33	491.94	0.020265	3.82	332.10	52.88	0.49	53477.18
286	176342.3	100yr	1271.12	479.74	489.69	486.54	490.36	0.021083	3.63	350.37	62.79	0.49	53401.64
286	175846.6	100yr	1272.64	477.00	484.55	483.91	485.99	0.040324	5.32	239.14	56.46	0.83	53250.55
286	175598.8	100yr	1273.28	476.38	482.87	482.29	484.20	0.015131	5.12	248.93	61.02	0.81	53175.02
286	175103.1	100yr	1274.28	474.05	480.77	479.93	482.00	0.013627	4.90	259.96	61.78	0.76	53023.94
286	174575.9	100yr	1363.52	472.08	479.09	478.27	480.40	0.007651	5.06	269.25	59.37	0.76	52863.25
286	174359.6	100yr	1363.80	470.53	478.46	477.07	479.76	0.012724	5.04	270.47	51.31	0.70	52797.32
286	173863.9	100yr	1366.84	469.14	476.26	475.60	477.34	0.019482	4.61	296.45	82.60	0.78	52646.24
286	173616.1	100yr	1367.21	467.74	474.71	474.71	476.20	0.011249	5.42	252.48	84.16	1.00	52570.70
286	173368.3	100yr	1368.25	466.08	471.98	471.98	474.03	0.071397	6.36	215.29	52.37	1.00	52495.16
286	173120.4	100yr	1368.89	458.87	465.02	465.02	467.39	0.095758	6.83	200.47	42.40	1.00	52419.63
286	172872.6	100yr	1369.33	454.52	460.55	459.36	461.64	0.042009	4.62	296.55	63.68	0.68	52344.09
286	172624.8	100yr	1371.57	449.90	458.50	456.09	459.27	0.022560	3.90	352.05	60.38	0.52	52268.55
286	172376.9	100yr	1373.75	449.08	455.43	454.61	456.73	0.052588	5.05	271.88	60.57	0.76	52193.01
286	172129.1	100yr	1375.35	443.47	453.13	450.65	453.94	0.024932	3.99	344.52	60.62	0.53	52117.47
286	171881.3	100yr	1375.98	442.37	448.43	448.43	450.53	0.094042	6.43	214.11	50.81	1.00	52041.93
286	171633.4	100yr	1376.52	439.45	447.35	444.22	447.86	0.013757	3.17	434.17	68.55	0.40	51966.39
286	171385.6	100yr	1378.37	437.83	444.47	443.80	445.89	0.058080	5.28	261.04	58.13	0.80	51890.86
286	171137.8	100yr	1379.38	432.85	440.13	439.26	441.64	0.054269	5.45	253.18	50.55	0.78	51815.32
286	170889.9	100yr	1380.29	424.01	433.60	433.60	436.12	0.099214	7.03	196.35	38.91	1.00	51739.78
286	170642.1	100yr	1381.02	422.52	429.25	427.92	430.28	0.037464	4.49	307.66	62.53	0.65	51664.24
286	170394.3	100yr	1383.08	419.68	427.88	425.22	428.35	0.015894	3.06	452.10	87.80	0.43	51588.71
286	170146.4	100yr	1390.60	417.98	426.35	423.34	427.05	0.018217	3.69	376.82	58.34	0.46	51513.17
286	169898.6	100yr	1391.70	416.24	424.27	422.14	425.30	0.029192	4.49	310.02	50.78	0.58	51437.63
286	169650.8	100yr	1393.68	414.10	422.29	420.16	423.15	0.026493	4.11	339.49	60.17	0.55	51362.09
286	169402.9	100yr	1394.19	411.92	420.78	417.78	421.45	0.018090	3.65	381.83	60.62	0.46	51286.55
286	168907.3	100yr	1396.29	409.89	416.88	415.22	417.84	0.032472	4.35	320.70	61.74	0.61	51135.47
286	168352.9	100yr	1397.54	405.26	415.72	411.38	416.01	0.004565	2.39	585.76	87.36	0.29	50966.48
286	167754.7	100yr	1625.13	403.95	414.26	410.50	414.81	0.009022	3.30	492.94	70.15	0.40	50784.16
286	167172.4	100yr	1626.44	400.52	411.46	408.44	412.36	0.022982	4.20	387.19	57.23	0.52	50606.69
286	166676.8	100yr	1628.05	397.61	407.71	404.60	408.72	0.025039	4.45	365.55	52.44	0.54	50455.61
286	166181.1	100yr	1629.53	396.11	403.30	402.62	404.93	0.024376	5.66	288.15	58.91	0.82	50304.53
286	165933.3	100yr	1633.21	395.32	402.18	401.03	403.62	0.012078	5.31	307.73	62.47	0.76	50228.99
286	165437.6	100yr	1634.28	392.44	399.21	399.21	401.31	0.018570	6.43	254.18	60.00	1.00	50077.91
286	164941.9	100yr	1635.05	390.30	398.00	396.80	399.15	0.004489	4.74	344.78	101.16	0.68	49926.83
286	164446.3	100yr	1673.12	389.94	396.16	396.16	398.07	0.010582	6.12	273.25	71.69	1.00	49775.75
286	163950.6	100yr	1674.05	387.76	396.20	394.31	396.84	0.002562	3.56	470.56	95.95	0.51	49624.67
286	163702.8	100yr	1674.60	387.03	395.12	394.18	396.37	0.019242	4.95	338.34	74.56	0.74	49549.13
286	163207.1	100yr	1676.92	386.53	392.42	392.42	394.22	0.010449	5.94	282.46	78.49	1.00	49398.05
286	162711.4	100yr	1678.91	383.54	391.36	389.89	392.58	0.003600	4.91	342.12	61.29	0.66	49246.97
286	162215.8	100yr	1680.21	381.66	390.59	389.30	391.86	0.006460	5.01	335.35	68.00	0.72	49095.89
286	161720.1	100yr	1681.16	381.38	389.49	388.35	390.96	0.005265	5.39	312.11	57.62	0.74	48944.81

HEC-RAS Plan: Plan 01 River: 14093c Reach: 286 Profile: 100yr (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl	Cum Ch Len
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)		(m)
286	161224.4	100yr	1685.31	380.55	389.36	387.30	390.19	0.002905	4.05	415.92	76.37	0.55	48793.73
286	160728.8	100yr	1686.82	380.10	387.72	386.98	389.47	0.006673	5.86	288.08	56.00	0.82	48642.65
286	160233.1	100yr	1688.02	379.80	387.07	386.30	388.35	0.006230	5.03	335.65	79.39	0.78	48491.57
286	159737.4	100yr	1689.07	378.63	386.57	384.77	387.57	0.003570	4.41	382.92	72.09	0.61	48340.48
286	158993.9	100yr	1696.17	377.16	385.88	384.04	386.27	0.007234	2.76	614.63	157.03	0.45	48113.87
286	158250.4	100yr	1859.87	375.69	383.50	382.54	384.52	0.007593	4.48	415.41	102.91	0.71	47887.25
286	157506.9	100yr	1864.76	374.78	382.68	381.35	383.21	0.003706	3.23	577.05	184.22	0.58	47660.63
286	156515.6	100yr	1871.21	374.17	381.96	380.02	382.25	0.002404	2.41	775.96	232.80	0.38	47358.47
286	156445.7		Bridge										
286	156381.1	100yr	1871.29	373.89	381.75	379.80	382.04	0.001481	2.39	783.33	228.84	0.38	47317.47
286	155820.7	100yr	1872.38	373.29	381.53	379.48	381.80	0.001284	2.30	814.93	413.46	0.36	47146.66
286	155544.2	100yr	1875.53	373.31	381.36	378.83	381.68	0.001578	2.47	758.33	1367.27	0.35	47062.39
286	155336.9		Bridge										
286	155173.5	100yr	1875.70	372.42	378.45	378.45	379.64	0.012005	4.83	388.23	973.88	1.00	46949.40
286	152571.9	100yr	1892.83	369.94	376.13	375.25	376.22	0.001633	1.36	1393.90	1591.84	0.34	46156.42
286	148155.3	100yr	2291.04	365.67	375.37	372.04	375.41	0.000336	0.89	2572.19	1159.82	0.14	44810.24
286	147433.5	100yr	2292.46	364.74	375.30	372.24	375.33	0.000364	0.75	3069.97	1214.78	0.13	44590.24
286	147336.6		Bridge										
286	147282.5	100yr	2295.21	364.48	375.27	371.69	375.30	0.000251	0.81	2842.69	1163.77	0.14	44544.21
286	145651.1	100yr	2567.60	363.20	375.19	370.15	375.21	0.000127	0.69	3703.13	831.26	0.10	44046.95
286	144939.9	100yr	2568.78	362.63	375.12	368.96	375.17	0.000295	1.00	2575.82	641.82	0.16	43830.20
286	143859.4	100yr	2694.54	362.42	374.74	370.53	374.91	0.004128	1.83	1469.16	560.73	0.36	43500.86
286	143807.7		Bridge										
286	143727.7	100yr	2695.19	362.50	374.44	370.76	374.57	0.001763	1.58	1706.76	550.21	0.29	43460.70
286	143060.9	100yr	2698.02	361.30	374.35	368.49	374.41	0.000355	1.12	2412.93	454.36	0.15	43257.47
286	142231.8	100yr	2735.13	360.85	374.12	369.46	374.28	0.000726	1.75	1561.60	290.75	0.24	43004.75
286	141736.9	100yr	2737.32	359.99	373.86	369.73	374.12	0.001393	2.26	1213.44	231.74	0.31	42853.90
286	141241.9	100yr	2738.12	359.84	372.75	369.73	373.67	0.005738	4.27	641.49	109.88	0.56	42703.05
286	140747	100yr	2741.02	359.74	372.80	368.69	373.08	0.001532	2.35	1166.07	262.31	0.36	42552.20
286	140252.1	100yr	2741.86	359.57	372.23	368.86	372.74	0.003035	3.17	866.11	161.53	0.44	42401.34
286	139757.2	100yr	2743.50	359.49	372.06	368.78	372.27	0.002117	2.01	1362.78	483.31	0.30	42250.49
286	139262.2	100yr	2766.57	359.29	371.48	368.20	371.90	0.002506	2.87	965.03	251.83	0.47	42099.64
286	138767.3	100yr	2767.43	359.22	371.23	367.16	371.53	0.002014	2.41	1149.16	275.18	0.38	41948.79
286	138182.4	100yr	2768.43	358.97	370.79	367.94	371.18	0.001732	2.76	1001.72	203.21	0.40	41770.51
286	137727.5	100yr	2768.86	358.98	370.64	366.95	370.90	0.001791	2.23	1238.95	285.64	0.34	41631.87
286	136544.8	100yr	2782.69	358.41	369.16	366.23	369.90	0.004292	3.81	730.57	125.57	0.50	41271.38
286	136211.3	100yr	2783.08	357.72	366.36	366.36	369.06	0.009998	7.29	381.96	70.41	1.00	41169.71
286	135586.2	100yr	2784.46	355.22	364.67	362.74	366.00	0.005642	5.11	544.58	89.21	0.66	40979.18
286	134807.9	100yr	2787.90	353.16	363.28	361.25	364.64	0.005793	5.17	539.24	82.33	0.64	40741.97
286	134410.7	100yr	2788.43	353.20	363.05	360.34	364.02	0.003109	4.37	638.07	95.12	0.54	40620.91
286	133735	100yr	2792.54	350.99	363.06	358.92	363.50	0.001158	2.93	952.81	143.70	0.36	40414.93
286	133330.1	100yr	2793.47	350.96	362.17	358.98	363.17	0.005857	4.41	633.01	89.92	0.53	40291.52
286	132354.1	100yr	2824.25	349.16	361.17	357.29	361.89	0.002924	3.76	750.42	117.08	0.47	39994.04

HEC-RAS Plan: Plan 01 River: 14093c Reach: 286 Profile: 100yr (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl	Cum Ch Len
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)		(m)
286	131866.1	100yr	2826.48	347.55	361.16	356.39	361.52	0.001180	2.69	1052.59	159.02	0.33	39845.30
286	131439.6	100yr	2834.61	347.52	360.58	356.99	361.27	0.002502	3.70	766.11	133.44	0.49	39715.29
286	130890.1	100yr	2865.00	347.42	360.54	356.14	360.80	0.001750	2.25	1275.65	246.42	0.32	39547.82
286	130402.2	100yr	2875.77	347.40	359.81	355.87	360.38	0.004097	3.36	856.43	149.14	0.45	39399.08
286	129914.2	100yr	2877.41	347.45	358.80	355.98	359.83	0.002913	4.48	641.76	94.96	0.55	39250.34
286	129426.2	100yr	2879.83	347.43	358.32	355.44	359.24	0.005006	4.25	677.18	99.36	0.52	39101.60
286	128938.2	100yr	2880.96	347.53	356.36	355.19	357.95	0.015944	5.58	516.30	93.61	0.76	38952.86
286	128068.4	100yr	2900.28	347.53	354.09	354.09	356.65	0.002116	7.10	408.75	79.49	1.00	38687.75
286	127474.2	100yr	2903.05	342.79	350.29	350.29	352.90	0.009446	7.16	405.46	77.39	1.00	38506.64
286	126986.2	100yr	2905.49	337.00	346.26	343.95	347.20	0.003022	4.31	674.89	110.66	0.56	38357.90
286	126498.2	100yr	2906.20	336.35	345.62	342.90	346.63	0.004847	4.46	651.06	100.75	0.56	38209.16
286	126010.2	100yr	2907.28	333.33	344.92	341.32	345.92	0.004727	4.43	656.06	80.86	0.50	38060.43
286	125522.3	100yr	2909.19	332.07	344.04	341.09	345.11	0.006163	4.59	633.97	80.80	0.52	37911.68
286	125250.7	100yr	2911.13	331.05	343.94	338.12	344.66	0.003051	3.76	774.55	83.33	0.39	37828.91
286	125049.2	100yr	2911.22	329.96	343.61	339.40	344.44	0.003768	4.04	720.42	84.23	0.44	37767.48
286	124981		Bridge										
286	124931	100yr	2911.25	328.27	337.64	337.64	340.14	0.029735	7.00	415.70	82.96	1.00	37731.48
286	124682.5	100yr	3105.67	327.37	336.99	334.86	338.35	0.004605	5.16	601.63	84.30	0.62	37655.73
286	124185.4	100yr	3106.20	326.41	334.23	334.23	337.21	0.009757	7.64	406.34	68.06	1.00	37504.21
286	123688.3	100yr	3114.19	323.56	331.39	331.39	334.37	0.009328	7.65	407.07	68.03	1.00	37352.70
286	123191.2	100yr	3126.50	318.12	327.11	325.41	328.81	0.004232	5.78	540.62	75.43	0.69	37201.19
286	122445.6	100yr	3127.24	316.28	325.90	324.60	327.72	0.005338	5.99	522.49	78.50	0.74	36973.92
286	121948.5	100yr	3129.52	315.64	324.34	322.76	326.05	0.032308	5.81	538.93	77.26	0.70	36822.41
286	121700	100yr	3129.78	310.62	319.16	319.16	322.40	0.071292	7.98	392.15	60.13	1.00	36746.65
286	121451.4	100yr	3131.01	307.04	317.47	314.27	318.53	0.005093	4.56	686.59	88.12	0.52	36670.89
286	120965.3	100yr	3133.82	306.74	316.97	313.30	317.67	0.005067	3.71	845.40	110.99	0.43	36522.73
286	120479.2	100yr	3135.13	304.98	315.97	312.54	316.71	0.008373	3.83	818.00	111.74	0.45	36374.57
286	119993.1	100yr	3136.55	303.68	314.28	311.66	315.59	0.006241	5.08	617.19	81.22	0.59	36226.41
286	119507	100yr	3137.20	301.98	314.15	309.97	314.84	0.002573	3.67	854.97	111.99	0.42	36078.25
286	119020.9	100yr	3149.09	301.81	313.20	309.78	314.28	0.005078	4.61	683.71	86.43	0.52	35930.09
286	118534.8	100yr	3150.01	300.26	312.68	307.86	313.27	0.006715	3.41	925.05	110.39	0.38	35781.93
286	118048.7	100yr	3158.08	298.92	311.53	306.98	312.05	0.009915	3.19	990.28	132.26	0.37	35633.77
286	117562.7	100yr	3159.45	298.71	309.38	306.34	310.34	0.012773	4.34	727.98	96.40	0.50	35485.61
286	117076.6	100yr	3163.16	297.85	308.23	305.03	308.85	0.007171	3.49	905.11	132.91	0.43	35337.44
286	116590.5	100yr	3163.94	296.17	306.51	304.30	307.77	0.006679	4.96	637.46	92.70	0.60	35189.28
286	116104.4	100yr	3165.42	295.70	305.76	303.37	306.97	0.004280	4.87	650.15	95.28	0.59	35041.12
286	115618.3	100yr	3166.29	294.32	304.20	302.56	305.83	0.015985	5.65	560.44	84.29	0.70	34892.96
286	115132.2	100yr	3167.47	293.05	303.81	301.26	304.68	0.003296	4.13	766.89	118.42	0.52	34744.80
286	114646.1	100yr	3169.98	292.61	303.61	300.35	304.24	0.001909	3.52	901.60	137.94	0.44	34596.64
286	114160	100yr	3174.18	291.94	303.16	299.70	303.95	0.001765	3.94	805.30	106.03	0.46	34448.48
286	113673.9	100yr	3175.71	291.67	302.67	299.48	303.64	0.002219	4.37	727.19	98.21	0.51	34300.31
286	113187.8	100yr	3176.96	291.75	301.94	299.48	303.22	0.003106	5.01	633.56	88.91	0.60	34152.15
286	112701.7	100yr	3177.69	289.93	301.95	298.07	302.72	0.001813	3.89	816.33	108.22	0.45	34003.99

HEC-RAS Plan: Plan 01 River: 14093c Reach: 286 Profile: 100yr (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl	Cum Ch Len
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)		(m)
286	112215.6	100yr	3181.36	289.28	302.01	297.71	302.35	0.001511	2.56	1241.96	198.84	0.33	33855.83
286	111729.5	100yr	3181.92	289.03	301.17	297.83	301.96	0.003957	3.95	806.12	119.39	0.48	33707.67
286	111338.8	100yr	3183.24	289.06	300.36	297.61	301.35	0.006450	4.41	721.58	125.18	0.59	33588.57
286	110757.3	100yr	3242.70	288.22	299.97	296.14	300.58	0.002401	3.46	937.70	125.74	0.40	33411.34
286	110271.2	100yr	3243.85	288.14	299.75	296.72	300.24	0.001793	3.10	1047.66	171.89	0.40	33263.18
286	109785.1	100yr	3245.49	287.90	299.52	296.45	299.97	0.001610	2.97	1090.92	183.04	0.39	33115.02
286	109299	100yr	3246.53	287.84	299.32	296.05	299.74	0.001446	2.86	1136.75	203.91	0.39	32966.86
286	109232.4		Bridge										
286	109200.5	100yr	3319.72	287.84	299.22	295.36	299.56	0.001283	2.60	1276.49	361.48	0.36	32936.83
286	108228.4	100yr	3322.41	286.78	298.60	295.69	299.08	0.001983	3.07	1083.07	193.25	0.41	32640.53
286	107742.3	100yr	3323.73	285.81	298.37	295.29	298.76	0.002023	2.76	1202.53	216.81	0.37	32492.37
286	107256.3	100yr	3327.73	285.46	298.11	294.68	298.48	0.001644	2.71	1226.35	206.89	0.36	32344.22
286	106770.2	100yr	3329.18	284.85	297.76	293.99	298.24	0.001425	3.10	1075.09	169.83	0.39	32196.07
286	106284.1	100yr	3329.66	283.86	297.41	293.49	298.02	0.001393	3.47	959.67	127.89	0.40	32047.92
286	105798.1	100yr	3330.33	283.72	296.85	292.98	297.72	0.002777	4.12	808.38	101.70	0.47	31899.77
286	105312	100yr	3330.93	283.54	296.52	292.97	297.26	0.002901	3.80	876.70	143.19	0.49	31751.61
286	104825.9	100yr	3333.37	283.55	295.69	292.51	296.77	0.003196	4.60	724.02	94.83	0.53	31603.46
286	104339.9	100yr	3334.54	283.34	295.06	291.73	296.19	0.004800	4.71	708.70	86.66	0.53	31455.31
286	103853.8	100yr	3335.79	283.01	294.89	290.86	295.56	0.002469	3.60	925.71	123.77	0.42	31307.16
286	103367.8	100yr	3357.32	282.75	294.77	290.55	295.17	0.001737	2.83	1187.89	195.31	0.37	31159.01
286	102881.7	100yr	3360.26	281.10	293.76	289.66	294.80	0.002701	4.50	746.09	82.34	0.48	31010.86
286	102395.6	100yr	3361.09	280.23	293.46	289.54	294.45	0.001878	4.42	760.26	86.09	0.47	30862.70
286	101775	100yr	3362.89	280.05	292.89	289.37	294.02	0.002711	4.71	714.22	88.04	0.53	30673.52
286	101331	100yr	3368.85	280.03	292.42	289.38	293.61	0.003286	4.83	697.21	91.16	0.56	30538.20
286	100937.4	100yr	3369.34	280.26	291.85	289.27	293.06	0.006793	4.87	691.35	98.55	0.59	30418.25
286	100451.4	100yr	3370.38	279.52	291.13	288.43	292.20	0.004587	4.58	736.04	112.67	0.57	30270.10
286	99965.32	100yr	3371.34	279.50	289.75	288.06	291.47	0.004380	5.81	580.19	82.85	0.70	30121.94
286	99479.26	100yr	3372.24	279.52	289.14	287.62	290.79	0.004422	5.69	592.34	89.33	0.71	29973.79
286	98993.2	100yr	3373.46	279.08	288.99	286.99	290.06	0.003294	4.58	737.01	126.01	0.60	29825.64
286	98021.07	100yr	3375.97	276.78	288.68	285.55	289.24	0.001625	3.30	1021.82	167.17	0.43	29529.34
286	97535.01	100yr	3376.78	276.62	288.49	284.71	288.98	0.001598	3.10	1089.12	165.50	0.39	29381.18
286	97459.59		Bridge										
286	97427.95	100yr	3376.88	276.62	287.15	284.95	287.77	0.003343	3.49	967.47	181.66	0.48	29348.55
286	96946.2	100yr	3648.96	276.37	286.61	284.11	287.24	0.003790	3.53	1032.51	177.27	0.47	29201.72
286	96464.46	100yr	3650.29	275.78	285.90	283.40	286.74	0.002859	4.05	900.40	140.83	0.51	29054.88
286	95982.71	100yr	3651.57	275.22	285.28	283.04	286.31	0.002747	4.50	812.34	123.72	0.56	28908.05
286	95500.97	100yr	3653.68	274.71	285.11	282.34	285.89	0.002013	3.93	929.87	137.87	0.48	28761.21
286	95019.22	100yr	3654.27	274.01	284.18	282.21	285.47	0.003423	5.02	727.24	108.15	0.62	28614.38
286	94537.48	100yr	3655.96	273.45	283.70	281.43	284.97	0.003249	4.99	732.88	108.52	0.61	28467.54
286	93685.12	100yr	3726.91	272.21	281.98	280.53	283.56	0.010136	5.56	670.79	111.05	0.72	28207.74
286	92651.29	100yr	3737.56	270.66	281.20	278.52	282.00	0.002286	3.97	942.41	152.42	0.51	27892.63
286	92128.75	100yr	3738.09	269.82	280.74	279.05	281.53	0.003959	3.92	952.83	191.31	0.56	27733.36
286	91308.59	100yr	3739.21	269.24	280.24	277.71	280.79	0.001928	3.29	1137.57	203.18	0.44	27483.38

HEC-RAS Plan: Plan 01 River: 14093c Reach: 286 Profile: 100yr (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl	Cum Ch Len
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)		(m)
286	90596.21	100yr	3742.65	268.42	279.65	276.22	280.28	0.002797	3.53	1061.38	167.17	0.45	27266.24
286	90201.77	100yr	3743.88	268.00	279.21	276.36	279.93	0.002809	3.77	992.55	158.83	0.48	27146.02
286	89720.03	100yr	3745.70	266.42	278.74	275.37	279.46	0.003710	3.77	993.27	151.65	0.47	26999.18
286	89238.29	100yr	3746.84	265.68	277.69	274.63	278.63	0.009000	4.30	870.54	127.45	0.53	26852.35
286	88274.8	100yr	3764.15	265.06	276.21	273.83	277.21	0.002991	4.44	847.48	141.16	0.58	26558.68
286	87793.05	100yr	3765.49	264.47	275.90	273.08	276.78	0.002434	4.16	904.86	141.46	0.53	26411.84
286	87311.31	100yr	3766.23	264.33	275.41	273.39	276.33	0.003989	4.24	887.25	196.67	0.64	26265.01
286	86347.82	100yr	3767.63	263.68	274.86	272.85	275.36	0.002150	3.14	1200.68	333.23	0.47	25971.33
286	85710.05	100yr	3783.63	263.63	274.73	271.10	275.02	0.001039	2.36	1600.59	276.80	0.31	25776.94
286	84664.52	100yr	3785.06	262.52	274.21	269.46	274.66	0.001086	2.96	1278.16	154.94	0.33	25458.27
286	84264.96	100yr	3785.55	262.05	274.15	269.67	274.52	0.000819	2.69	1404.79	186.78	0.31	25336.48
286	83308	100yr	3789.71	260.46	273.90	268.33	274.29	0.000777	2.76	1372.43	159.90	0.30	25044.80
286	82855.82	100yr	3790.32	259.66	273.54	267.43	274.13	0.001376	3.40	1114.44	109.50	0.34	24906.97
286	81915.76	100yr	3792.23	259.50	272.69	267.63	273.52	0.003422	4.02	944.38	110.09	0.44	24620.44
286	81843.49		Bridge										
286	81780.93	100yr	3792.34	259.47	269.59	266.64	270.56	0.002927	4.37	868.57	143.09	0.51	24579.35
286	81286.65	100yr	3901.10	257.51	269.35	265.11	270.05	0.002818	3.69	1056.22	127.32	0.41	24428.69
286	80298.1	100yr	3902.72	255.38	267.72	264.24	268.90	0.004890	4.81	812.09	109.82	0.56	24127.38
286	79309.54	100yr	3906.68	254.92	266.52	263.32	267.60	0.003672	4.61	847.89	127.02	0.57	23826.07
286	78320.98	100yr	3909.43	253.56	265.09	261.94	266.50	0.003423	5.26	743.39	87.77	0.58	23524.75
286	77332.42	100yr	3911.00	253.08	261.51	261.51	264.69	0.009936	7.90	495.29	77.85	1.00	23223.44
286	76838.14	100yr	3954.95	248.51	259.29	256.41	260.44	0.004240	4.76	830.55	106.67	0.54	23072.78
286	76343.86	100yr	3957.84	246.20	256.21	255.47	259.22	0.012989	7.68	515.09	65.02	0.87	22922.13
286	75849.58	100yr	3958.52	245.72	254.03	254.03	257.33	0.011733	8.05	491.64	74.44	1.00	22771.47
286	74861.02	100yr	3961.66	243.70	252.63	250.31	253.86	0.005579	4.91	806.58	112.57	0.59	22470.15
286	73872.46	100yr	3968.26	238.44	250.61	247.58	252.09	0.005970	5.40	734.60	85.14	0.59	22168.84
286	72883.9	100yr	3973.12	236.92	248.26	245.83	250.19	0.006365	6.16	644.76	71.26	0.65	21867.53
286	71795.53	100yr	3992.10	235.25	246.39	243.62	247.76	0.007304	5.20	768.14	94.18	0.58	21535.79
286	70906.78	100yr	3995.16	232.79	245.82	240.99	246.74	0.001843	4.25	940.30	93.55	0.43	21264.90
286	69918.22	100yr	4000.11	230.28	244.91	240.03	245.92	0.004307	4.44	899.97	87.86	0.44	20963.59
286	68929.66	100yr	4009.57	230.44	241.36	239.42	243.39	0.020011	6.32	634.27	76.60	0.70	20662.27
286	68435.38	100yr	4010.23	228.73	240.29	238.05	242.01	0.004702	5.81	689.68	86.54	0.66	20511.62
286	67841.44	100yr	5081.90	227.46	239.54	237.01	241.24	0.003902	5.79	878.30	103.47	0.63	20330.58
286	67446.82	100yr	5082.31	227.23	238.37	236.83	240.67	0.004734	6.71	757.24	92.29	0.75	20210.30
286	66952.54	100yr	5083.25	227.15	237.77	236.09	239.93	0.004515	6.52	780.23	96.45	0.73	20059.64
286	66458.26	100yr	5084.98	226.91	237.44	234.91	238.80	0.008120	5.16	985.90	125.47	0.59	19908.99
286	65469.7	100yr	5086.27	223.69	235.61	232.75	237.14	0.003919	5.48	928.21	105.50	0.59	19607.68
286	64975.42	100yr	5086.84	223.52	235.14	232.07	236.54	0.003458	5.24	970.03	109.30	0.56	19457.02
286	64481.14	100yr	5089.16	223.11	233.54	231.89	235.76	0.006489	6.61	769.51	93.73	0.74	19306.36
286	63986.86	100yr	5090.13	222.31	232.81	230.04	234.35	0.010170	5.50	925.23	106.58	0.60	19155.71
286	62998.31	100yr	5092.84	220.23	230.50	228.31	232.29	0.004804	5.92	859.87	104.16	0.66	18854.39
286	62009.75	100yr	5094.46	217.88	228.82	226.07	230.03	0.010836	4.88	1044.68	134.61	0.56	18553.08
286	61425.41	100yr	5095.19	216.55	227.30	224.92	228.91	0.003863	5.62	906.80	109.92	0.62	18374.97

HEC-RAS Plan: Plan 01 River: 14093c Reach: 286 Profile: 100yr (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl	Cum Ch Len
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)		(m)
286	60526.91	100yr	5147.17	214.46	227.01	222.69	227.90	0.002268	4.19	1227.38	137.80	0.45	18101.11
286	59538.35	100yr	5149.04	213.48	225.90	222.57	227.14	0.002567	4.94	1042.97	120.20	0.53	17799.80
286	59044.07	100yr	5150.34	212.65	225.01	222.13	226.60	0.004564	5.60	920.00	102.37	0.60	17649.14
286	58549.79	100yr	5152.26	212.31	224.40	221.35	225.65	0.007160	4.94	1042.14	124.93	0.55	17498.49
286	58055.51	100yr	5153.71	210.84	223.72	220.37	225.02	0.002675	5.05	1021.08	115.01	0.54	17347.83
286	57066.95	100yr	5158.50	209.92	222.05	219.42	223.75	0.007009	5.77	893.75	101.90	0.62	17046.52
286	56078.39	100yr	5160.96	207.91	219.91	217.54	221.99	0.004726	6.39	807.51	87.45	0.67	16745.20
286	55584.11	100yr	5163.02	207.04	219.72	216.22	220.99	0.005374	4.99	1035.41	128.00	0.56	16594.55
286	55085.12	100yr	5163.52	206.90	219.25	215.09	220.32	0.003094	4.59	1125.10	114.47	0.47	16442.46
286	54586.14	100yr	5164.01	205.82	218.74	215.25	219.92	0.002211	4.80	1075.96	122.17	0.52	16290.36
286	53588.16	100yr	5166.02	204.54	216.54	214.59	218.66	0.008191	6.45	801.10	95.41	0.71	15986.18
286	52590.19	100yr	5169.99	204.16	215.36	212.66	216.96	0.003451	5.60	923.01	105.14	0.60	15682.00
286	51592.21	100yr	5172.01	201.89	212.71	211.58	215.41	0.006801	7.28	710.12	87.44	0.82	15377.82
286	51093.23	100yr	5561.11	201.77	212.21	210.05	214.05	0.007750	6.00	927.10	112.30	0.67	15225.73
286	50594.24	100yr	5561.56	199.66	211.91	208.28	213.10	0.003476	4.83	1150.91	126.45	0.51	15073.63
286	50095.25	100yr	5561.99	199.27	211.40	207.95	212.68	0.002073	5.03	1106.36	120.08	0.53	14921.54
286	49097.28	100yr	5563.15	197.00	210.22	206.97	211.89	0.003004	5.74	969.53	99.50	0.59	14617.36
286	48598.29	100yr	5565.28	196.46	209.86	206.42	211.40	0.002977	5.48	1014.74	106.30	0.57	14465.27
286	47600.32	100yr	5566.91	196.30	208.99	205.59	210.47	0.003015	5.37	1036.09	110.62	0.56	14161.09
286	46602.34	100yr	5568.82	195.64	208.59	204.51	209.65	0.001777	4.56	1221.68	130.62	0.48	13856.90
286	45604.37	100yr	5570.07	195.56	207.52	204.24	208.80	0.004684	5.00	1113.52	127.00	0.54	13552.72
286	44474.24	100yr	5572.76	193.82	207.00	202.06	207.54	0.002109	3.24	1719.96	262.49	0.40	13208.26
286	43109.43	100yr	5579.52	191.08	204.24	201.47	206.03	0.005923	5.93	941.07	147.46	0.75	12792.27
286	42111.46	100yr	5583.42	190.62	204.34	200.74	204.92	0.001357	3.37	1658.01	241.20	0.41	12488.08
286	41612.47	100yr	5584.85	190.62	204.26	200.19	204.65	0.001394	2.77	2013.34	284.40	0.33	12335.99
286	41113.48	100yr	5585.77	190.58	204.18	199.63	204.43	0.000984	2.21	2527.40	353.95	0.26	12183.90
286	41071.5		Bridge										
286	41012.49	100yr	5585.93	190.58	204.09	199.48	204.33	0.001135	2.19	2554.76	358.91	0.26	12153.12
286	40081.44	100yr	5662.18	189.12	203.77	196.96	203.99	0.001217	2.08	2718.05	365.89	0.24	11869.33
286	39150.38	100yr	5664.48	189.10	203.23	197.82	203.57	0.001709	2.59	2187.05	296.01	0.30	11585.55
286	38684.86	100yr	5665.17	188.42	202.90	197.32	203.29	0.002299	2.75	2059.47	264.60	0.31	11443.66
286	38645.25		Bridge										
286	38602.06	100yr	5665.59	188.14	202.57	197.77	202.97	0.002060	2.77	2042.47	269.40	0.32	11418.42
286	37767.18	100yr	5698.67	186.48	201.60	196.19	202.32	0.002886	3.75	1520.37	219.62	0.45	11163.95
286	36644.41	100yr	5703.42	184.83	199.93	195.51	200.88	0.006349	4.32	1319.71	288.44	0.64	10821.73
286	35867.24	100yr	5706.95	183.80	198.71	195.25	199.34	0.005877	3.51	1624.29	248.91	0.44	10584.85
286	35127.47	100yr	5709.35	183.58	197.64	194.85	198.36	0.003324	3.74	1527.94	245.44	0.48	10359.37
286	33707.95	100yr	5721.10	182.69	195.56	192.27	196.93	0.002953	5.20	1100.00	128.99	0.57	9926.69
286	32729.12	100yr	5729.67	181.61	195.21	190.41	196.13	0.001750	4.25	1348.29	131.21	0.42	9628.35
286	31919.14	100yr	5730.66	180.40	194.64	190.19	195.65	0.002103	4.44	1289.74	130.45	0.45	9381.47
286	31260.89	100yr	5733.83	179.44	192.48	190.40	194.82	0.006744	6.78	846.21	92.01	0.71	9180.83
286	30771.48	100yr	5735.05	179.34	191.94	189.48	193.62	0.006700	5.74	998.79	125.54	0.65	9031.66
286	30243.43	100yr	5851.14	179.30	191.74	187.93	192.82	0.002532	4.59	1273.72	153.83	0.51	8870.71

HEC-RAS Plan: Plan 01 River: 14093c Reach: 286 Profile: 100yr (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl	Cum Ch Len
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)		(m)
286	29792.66	100yr	5852.32	177.49	191.52	186.65	192.53	0.001572	4.45	1314.85	129.12	0.45	8733.31
286	29303.24	100yr	5852.84	176.45	190.41	186.89	192.14	0.003041	5.83	1004.16	101.35	0.59	8584.14
286	28813.83	100yr	5858.95	175.74	189.93	186.23	191.58	0.004308	5.68	1031.93	97.62	0.56	8434.97
286	28775.03		Bridge										
286	28733.2	100yr	5859.08	175.74	188.98	186.41	191.09	0.005112	6.44	910.42	93.27	0.66	8410.39
286	28388.88	100yr	5860.40	174.97	188.25	186.11	190.52	0.005535	6.67	878.11	95.46	0.70	8305.44
286	27800.3	100yr	6351.46	174.43	187.41	185.41	189.59	0.004552	6.54	970.83	110.03	0.70	8126.04
286	26028.03	100yr	6357.46	172.86	185.49	183.37	187.17	0.003896	5.76	1103.94	147.44	0.67	7585.86
286	24924.83	100yr	6360.06	172.82	185.36	181.42	186.27	0.001208	4.22	1508.21	172.04	0.45	7249.60
286	23970.12	100yr	6361.16	172.79	184.28	181.43	185.68	0.003221	5.24	1212.98	146.74	0.58	6958.61
286	22234.15	100yr	6373.96	172.56	184.13	179.64	184.46	0.001049	2.54	2513.07	344.18	0.30	6429.48
286	21212.75	100yr	6406.98	172.55	183.54	179.93	184.10	0.001093	3.33	1924.72	259.53	0.39	6118.16
286	20203.82	100yr	6446.43	172.55	183.41	179.66	183.88	0.000405	3.05	2110.63	296.00	0.37	5810.64
286	18284.72	100yr	6455.05	172.55	183.16	178.60	183.52	0.000792	2.66	2426.77	311.74	0.30	5225.69
286	16955.76	100yr	6457.04	172.55	182.39	178.77	183.05	0.001595	3.62	1784.94	231.17	0.42	4820.63
286	15996.27	100yr	6468.61	172.55	181.45	178.80	182.35	0.003686	4.21	1537.94	222.22	0.51	4528.18
286	15772.4	100yr	6468.68	172.55	179.10	179.10	181.68	0.020623	7.13	907.62	175.44	1.00	4459.94
286	15585.13	100yr	6469.16	141.32	154.23	154.23	158.83	0.008786	9.51	680.44	73.69	1.00	4402.86
286	15096.79	100yr	6469.62	129.74	142.04	142.04	145.62	0.016570	8.39	770.79	107.23	1.00	4254.02
286	14608.46	100yr	6477.61	129.45	138.39	138.39	142.02	0.006207	8.44	767.14	105.45	1.00	4105.17
286	14120.12	100yr	6478.26	127.16	138.28	134.21	139.20	0.003350	4.25	1524.42	167.44	0.45	3956.33
286	13631.79	100yr	6479.92	126.87	134.88	134.88	137.98	0.020434	7.80	830.99	133.87	1.00	3807.48
286	13143.45	100yr	6494.65	119.48	130.78	130.78	134.43	0.016194	8.46	767.89	105.12	1.00	3658.64
286	12655.12	100yr	6496.47	115.20	124.17	124.17	127.68	0.017089	8.30	782.70	111.51	1.00	3509.79
286	12166.78	100yr	6499.43	108.34	120.22	120.22	124.04	0.023948	8.66	750.69	98.12	1.00	3360.95
286	11678.44	100yr	6500.41	100.62	113.69	113.69	117.46	0.004957	8.60	755.50	100.02	1.00	3212.10
286	11190.11	100yr	6502.53	83.90	99.03	99.03	104.39	0.001513	10.26	633.79	58.96	1.00	3063.26
286	10701.77	100yr	6503.53	69.13	79.34	77.57	81.87	0.005350	7.05	922.73	99.45	0.74	2914.41
286	10213.44	100yr	6505.16	67.27	77.07	77.07	80.58	0.013437	8.30	783.72	111.45	1.00	2765.57
286	9250.95	100yr	6597.02	65.08	75.67	72.51	76.79	0.004220	4.68	1410.21	170.33	0.52	2472.20
286	8748.429	100yr	6598.85	63.09	75.19	70.90	76.25	0.002811	4.55	1449.59	145.61	0.46	2319.03
286	7771.758	100yr	6601.19	59.60	74.17	68.97	75.41	0.002742	4.92	1342.58	115.23	0.46	2021.34
286	6795.086	100yr	6603.94	57.48	71.93	68.46	73.97	0.008990	6.32	1044.39	96.70	0.61	1723.65
286	5666.492	100yr	6610.82	54.99	70.17	64.72	71.44	0.005173	4.98	1326.79	122.48	0.48	1379.66
286	4841.743	100yr	6612.71	53.98	68.37	64.16	69.88	0.007232	5.45	1214.42	112.40	0.53	1128.28
286	3876.591	100yr	6618.02	52.05	65.73	62.84	67.69	0.007421	6.20	1067.59	109.56	0.63	834.10
286	2922.96	100yr	6620.21	51.85	63.27	61.57	65.09	0.010533	5.97	1108.17	158.20	0.72	543.43
286	2012.43	100yr	6627.97	51.68	61.26	59.58	62.58	0.007015	5.10	1299.91	214.67	0.66	265.90
286	1140.052	100yr	6789.49	50.40	58.13	58.13	59.90	0.014936	5.90	1151.35	324.54	1.00	

Appendix C

Input Data and Results of HEC-RAS Existing Condition Model

HEC-RAS HEC-RAS 6.4.1 June 2023
U.S. Army Corps of Engineers
Hydrologic Engineering Center
609 Second Street
Davis, California

```
X     X  XXXXXX    XXXX        XXXX       XX      XXXX
X     X  X        X    X      X   X     X  X    X
X     X  X        X           X   X    X    X   X
XXXXXXX  XXXX     X       XXX  XXXX     XXXXXX    XXXX
X     X  X        X           X  X     X    X        X
X     X  X        X    X      X   X    X    X        X
X     X  XXXXXX    XXXX       X    X   X    X   XXXXX
```

PROJECT DATA
Project Title: Existing Condition
Project File : ExistCond.prj
Run Date and Time: 5/1/2024 8:14:42 AM

Project in SI units

PLAN DATA

Plan Title: Comerio Watefront Existing Cond
Plan File : p:\Comerio\Water Resources\Comerio Watefront\6.0 HEC-RAS\HECRAS Final\ExistCond.p01

Geometry Title: Comerio Watefront Existing Cond
Geometry File : p:\Comerio\Water Resources\Comerio Watefront\6.0 HEC-RAS\HECRAS Final\ExistCond.g01

Flow Title : FEMA ABFE Q
Flow File : p:\Comerio\Water Resources\Comerio Watefront\6.0 HEC-RAS\HECRAS Final\ExistCond.f01

Plan Summary Information:
Number of: Cross Sections = 12 Multiple Openings = 0
Culverts = 0 Inline Structures = 0
Bridges = 1 Lateral Structures = 0

Computational Information
Water surface calculation tolerance = 0.003
Critical depth calculation tolerance = 0.003
Maximum number of iterations = 20
Maximum difference tolerance = 0.1
Flow tolerance factor = 0.001

Computation Options
Critical depth computed only where necessary
Conveyance Calculation Method: At breaks in n values only
Friction Slope Method: Average Conveyance
Computational Flow Regime: Subcritical Flow

Encroachment Data
Equal Conveyance = True
Left Offset = 0
Right Offset = 0

River = La Plata at Come Reach = 1

RS	Profile	Method	Value1	Value2
12	FW	1	44.72	189.99
11	FW	1	42.26	249.95
10	FW	1	3.98	139.64
9	FW	1	-14.03	116.18
8	FW	1	-15.93	115.33

7	FW	1	72.76	223.47
6	FW	1	69.71	219.37
5	FW	1	-25.8	150.72
4	FW	1	-35.4	156.51
3	FW	1	-37.7	173.01
2	FW	1	79.46	311.36
1	FW	1	131.03	269.9

FLOW DATA

Flow Title: FEMA ABFE Q
Flow File : p:\Comerio\Water Resources\Comerio Watefront\6.0 HEC-RAS\HECRAS Final\ExistCond.f01

Flow Data (m3/s)

River	Reach	RS	100yr	FW
La Plata at Come1		12	5586	5586
La Plata at Come1		3	5665	5665

Boundary Conditions

River	Reach	Profile	Upstream	Downstream
La Plata at Come1		100yr		Known WS = 203.23
La Plata at Come1		FW		Known WS = 203.43

GEOMETRY DATA

Geometry Title: Comerio Watefront Existing Cond
Geometry File : p:\Comerio\Water Resources\Comerio Watefront\6.0 HEC-RAS\HECRAS Final\ExistCond.g01

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 12

INPUT
Description: surveyor 12. Extended on ROB with USGS cuad
Station Elevation Data num= 21

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	213.85	9.61	213.85	23.7	214.16	37.82	206.48	51.49	194.11
61.52	191.7	64.52	191.5	69.29	191	76.79	191.21	85.7	191.5
100.82	191.25	107.6	191.53	113.82	195.63	133.28	196.89	154.62	198.1
160.82	198.3	173.51	198.54	203.18	199.77	229.92	200.93	260	202.19
326.42	210								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.08	51.49	.04	113.82	.08

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
51.49	113.82	157.6	157.6	.1	.3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
136.8	326.42	208	T

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 11

INPUT
Description: surveyor 11. Extended on ROB with USGS cuad
Station Elevation Data num= 26

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	211.12	4.94	209.6	23.87	204.68	34.46	201.94	37.76	202.17
41.35	202.03	51.12	194.539	55.2	191.41	59.2	191.21	73.57	191
84.88	191.4	98.63	191	112.41	191.13	119.47	191.27	124.38	194.79
127.05	197.21	140.21	197.62	159.08	197.73	175.44	198	193.2	198.26
223.47	198.59	264.53	198.9	273.31	198.98	282.17	198.98	293.4	200
315.78	210								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.08	51.12	.04	124.38	.08

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
51.12	124.38	116.5	116.5	.1	.3

Ineffective Flow num= 2

Sta L	Sta R	Elev	Permanent
0	51.12	208	T
157	315.78	208	T

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 10

INPUT
Description: surveyor 10. Extended on ROB and LOB with USGS cuad
Station Elevation Data num= 33

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
-66.36	210	0	201.23	10.17	199.9	18.34	199.04	21.42	199.11
24.12	198.94	34.61	198.99	34.611	194.79	36.78	194.79	36.781	193.4
38.76	193.4	42.52	191.4	49.74	190.82	55.99	191.04	65.08	190.9
75.77	190.7	81.57	190.59	92.4	190.45	95.18	191.1	102.06	194.25
111.11	197.7	128.17	197.85	163.55	198.12	178.73	198.68	197.13	198.99
228.28	198.32	251.18	197.46	253.85	197.26	259.43	197.41	264.52	197.26
266.09	197.34	288.4	200	317.88	210				

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
-66.36	.08	34.611	.04	102.06	.08

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
34.611	102.06	11.4	11.4	.1	.3

Ineffective Flow num= 2

Sta L	Sta R	Elev	Permanent
-66.36	34.61	208	T
143.3	317.88	208	T

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 9

INPUT
Description: surveyor 09. Extended on ROB and LOB with USGS cuad
Station Elevation Data num= 29

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
-85.9	210	-18.4	200	0	198.92	3.7	199	6.88	198.87
20.29	196.09	25.62	191.03	32.06	190.82	37.79	190.71	47.44	190.92
58.14	190.66	66.69	190.61	74.1	190.71	81.28	191.05	86.54	194.2
94.43	196.074	101.53	197.76	128.86	198	151.01	198.26	170.77	199.48
184.85	198.9	210.21	198.25	233.83	197.31	236.52	197.1	242.45	197.28
247.17	197	249.27	197.15	263.98	200	296.69	210		

```
Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
   -85.9     .08   20.29     .04   94.43     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         20.29   94.43              3.7     4.1     4.6             .1       .3
Ineffective Flow     num=       2
   Sta L   Sta R    Elev  Permanent
   -85.9    20.5     208       T
   127.1  296.69     208       T
Blocked Obstructions     num=       1
   Sta L   Sta R    Elev
     7.8    20.5     202

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                  RS: 8

INPUT
Description: surveyor 08. Extended on ROB and LOB with USGS cuad
Station Elevation Data    num=      27
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
   -88.9     210  -17.23     200       0  198.92     3.7     199    6.88  198.85
    20.5   192.5    25.9  191.03   31.82  190.82   38.32  190.79   47.16   190.9
      60  190.62   77.68  190.43   80.29  190.91   91.47  193.29  100.97  197.43
  117.78  197.91  152.25  198.36   177.9  199.39  185.49  198.88  210.79  198.15
  234.52  197.19  237.24     197  242.26  197.18   247.9  196.88  249.34  197.04
  264.07     200   294.8     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
   -88.9     .08    20.5     .04   91.47     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
          20.5   91.47             35.2   26.86   17.55             .1       .3
Ineffective Flow     num=       2
   Sta L   Sta R    Elev  Permanent
   -88.9    20.5     208       T
   127.7   294.8     208       T
Blocked Obstructions     num=       1
   Sta L   Sta R    Elev
    7.57    20.5     202

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                  RS: 7

INPUT
Description: surveyor 07. Extended on ROB and LOB with USGS cuad. US face of
             PR-774 bridge
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
   -85.5     210       0  203.28    5.72   203.5     8.3  203.47   11.07  203.36
    92.3  198.43   95.66  198.17   99.68  198.31   103.7  198.29   106.9   198.5
  106.91  195.76  120.84  191.52  124.49   191.4  131.63  190.98  140.17  190.37
  149.68  190.62  162.19  190.62  175.03  190.31  178.87   191.2  181.51  191.13
  187.03  190.84  198.45   194.6  205.13  196.39  216.29  199.35  226.75  199.14
  238.38  198.78  246.14  198.87  266.09  198.91  303.69  198.25   339.6  197.21
  343.37   196.9  354.09  196.78  355.55  196.97  406.57     200   456.8     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
   -85.5     .08  106.91     .04  198.45     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
        106.91  198.45            12.48   12.48   12.48             .3       .5
Ineffective Flow     num=       2
```

```
   Sta L   Sta R    Elev  Permanent
   -85.5  106.89     208       T
   233.5   456.8     208       T

BRIDGE


RIVER: La Plata at Come
REACH: 1                 RS: 6.5

INPUT
Description: PR-774 bridge
Distance from Upstream XS =     .01
Deck/Roadway Width        =   11.79
Weir Coefficient          =     1.4
Upstream  Deck/Roadway Coordinates
    num=      10
     Sta Hi Cord Lo Cord     Sta Hi Cord Lo Cord     Sta Hi Cord Lo Cord
   106.9   198.5   197.9  118.27   199.2   198.6  138.09  200.32  199.72
  143.01  200.58  199.98  152.11  200.87  200.27  161.99  201.08  200.35
  172.42  201.09 200.353  186.72  200.59  199.99   209.4  199.64  199.04
  216.51  199.35  198.75

Upstream Bridge Cross Section Data
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
   -85.5     210       0  203.28    5.72   203.5     8.3  203.47   11.07  203.36
    92.3  198.43   95.66  198.17   99.68  198.31   103.7  198.29   106.9   198.5
  106.91  195.76  120.84  191.52  124.49   191.4  131.63  190.98  140.17  190.37
  149.68  190.62  162.19  190.62  175.03  190.31  178.87   191.2  181.51  191.13
  187.03  190.84  198.45   194.6  205.13  196.39  216.29  199.35  226.75  199.14
  238.38  198.78  246.14  198.87  266.09  198.91  303.69  198.25   339.6  197.21
  343.37   196.9  354.09  196.78  355.55  196.97  406.57     200   456.8     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
   -85.5     .08  106.91     .04  198.45     .08

Bank Sta: Left   Right    Coeff Contr.   Expan.
        106.91  198.45            .3       .5
Ineffective Flow     num=       2
   Sta L   Sta R    Elev  Permanent
   -85.5  106.89     208       T
   233.5   456.8     208       T

Downstream  Deck/Roadway Coordinates
    num=      13
     Sta Hi Cord Lo Cord     Sta Hi Cord Lo Cord     Sta Hi Cord Lo Cord
   104.9  198.35   197.9  117.49  199.06   198.6  127.19  199.62  199.16
  137.52   200.2  199.74   141.6  200.39  199.93  151.84   200.8  200.34
  161.63  201.06   200.6  171.01  201.16   200.7  175.68  201.08  200.62
  185.52  200.64  200.18  213.39  199.45  198.99  215.83  199.39  198.93
  219.64  199.18  198.72

Downstream Bridge Cross Section Data
Station Elevation Data    num=      37
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
   -88.3     210       0  203.24    2.54  203.05    5.85  202.51    9.54  202.53
   12.66  202.44   58.72  200.19   75.67  199.37   92.12  198.09  100.11  198.08
   104.9  198.35  104.91  194.54   110.9  193.77  117.78  190.92  126.45  190.86
  139.24  190.98  156.59  189.73  161.48  190.55  164.75  191.01  175.41  190.05
  180.34  190.86  184.47  190.54  184.47  191.48  191.85  193.92  206.77  197.42
  212.88  198.61  219.63  199.15  222.13  198.94  228.63  198.85   231.6  199.01
  251.55  199.08  263.04  199.13  287.56  198.65  313.45  197.83   336.6  196.99
  421.36     200  465.23     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
   -88.3     .08  104.91     .04  191.85     .08
```

```
Bank Sta: Left   Right    Coeff Contr.   Expan.
        104.91  191.85            .3       .5
Ineffective Flow     num=       2
   Sta L   Sta R    Elev  Permanent
   -88.3  104.89     208       T
   231.5  465.23     208       T

Upstream Embankment side slope              =       0 horiz. to 1.0 vertical
Downstream Embankment side slope            =       0 horiz. to 1.0 vertical
Maximum allowable submergence for weir flow =     .98
Elevation at which weir flow begins         =
Energy head used in spillway design         =
Spillway height used in design              =
Weir crest shape                            = Broad Crested

Number of Piers =  2

Pier Data
Pier Station     Upstream=  141.35    Downstream=   138.7
Upstream     num=       2
    Width   Elev    Width   Elev
    1.75   199.8    1.75  199.94
Downstream     num=       2
    Width   Elev    Width   Elev
    1.75  199.73    1.75  199.93

Pier Data
Pier Station     Upstream=  175.67    Downstream=  173.02
Upstream     num=       2
    Width   Elev    Width   Elev
   1.756     200   1.756  200.35
Downstream     num=       2
    Width   Elev    Width   Elev
   1.756  200.65   1.756   200.7

Number of Bridge Coefficient Sets =  1

Low Flow Methods and Data
       Energy
Selected Low Flow Methods = Highest Energy Answer

High Flow Method
       Energy Only

Additional Bridge Parameters
       Add Friction component to Momentum
       Do not add Weight component to Momentum
       Class B flow critical depth computations use critical depth
           inside the bridge at the upstream end
       Criteria to check for pressure flow = Upstream energy grade line

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                 RS: 6

INPUT
Description: surveyor 06. Extended on ROB and LOB with USGS cuad. DS face of
             PR-774 bridge
Station Elevation Data    num=      37
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
   -88.3     210       0  203.24    2.54  203.05    5.85  202.51    9.54  202.53
   12.66  202.44   58.72  200.19   75.67  199.37   92.12  198.09  100.11  198.08
   104.9  198.35  104.91  194.54   110.9  193.77  117.78  190.92  126.45  190.86
  139.24  190.98  156.59  189.73  161.48  190.55  164.75  191.01  175.41  190.05
  180.34  190.86  184.47  190.54  184.47  191.48  191.85  193.92  206.77  197.42
  212.88  198.61  219.63  199.15  222.13  198.94  228.63  198.85   231.6  199.01
  251.55  199.08  263.04  199.13  287.56  198.65  313.45  197.83   336.6  196.99
  421.36     200  465.23     210
```

```
Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
   -88.3     .08  104.91     .04  191.85     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
        104.91  191.85            15.66   29.41   44.63             .3       .5
Ineffective Flow     num=       2
   Sta L   Sta R    Elev  Permanent
   -88.3  104.89     208       T
   231.5  465.23     208       T

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                  RS: 5

INPUT
Description: surveyor 05. Extended on ROB and LOB with USGS cuad
Station Elevation Data    num=      30
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
  -185.8     210   -83.3   201.9   -43.4     200       0  198.14    3.83  197.98
       5     198    8.78  197.93   22.62  193.77   27.15   191.5   29.08  190.94
   30.09  190.07   37.36  190.72   48.45  190.55   63.83  190.47   67.12  190.74
   73.31  190.79   78.08  191.24   89.22  191.82    93.5  191.45  117.39  191.27
   145.6  191.56  161.57  191.53  187.45   196.3  254.64  198.37  260.68  198.46
  265.03   198.4  281.64  198.62  289.84     200  337.34     200  425.04     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
  -185.8     .08   22.62     .04   145.6     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         22.62   145.6            19.45   18.46   16.84             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
  -185.8   21.11     208       T
Blocked Obstructions     num=       1
   Sta L   Sta R    Elev
     9.9   21.11   201.1

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                  RS: 4

INPUT
Description: surveyor 04. Extended on ROB and LOB with USGS cuad
Station Elevation Data    num=      28
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
  -193.7     210     -78  200.84   -54.5     200       0  197.97    2.74  197.87
      6.2  197.68   21.68  192.87   30.21   190.8   36.61  190.52   43.07  190.56
   48.58  190.55   58.96  190.58   66.67  190.53    69.1  190.86   78.28  190.94
    83.2  190.99    94.5  191.34  118.15   192.5  142.73  191.81  162.88  195.58
  187.39   196.3  216.45   197.4  256.86  197.87  269.31   198.4  278.78  198.73
  286.68     200  334.58     200  422.58     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
  -193.7     .08   21.68     .04  142.73     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         21.68  142.73            26.02   32.21    57.3             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
  -193.7   16.51     208       T
Blocked Obstructions     num=       1
   Sta L   Sta R    Elev
    7.15   16.51   201.1
```

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 3

INPUT
Description: surveyor 03. Extended on ROB with USGS cuad
Station Elevation Data num= 29

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
-198.7	210	-64.9	200	-57	199.74	0	197.71	3.52	197.61
6.44	197.51	7.54	197.71	23.95	194.22	28.45	193.23	33.67	191.45
38.78	190.88	46.46	190.61	53.94	190.61	64.74	190.66	71.88	190.51
84.09	190.94	86.61	190.89	101.34	191.89	112.08	196.8	147.16	196.93
153.28	196.78	174.39	196.91	189.62	196.96	190.82	196.76	194.8	196.86
198.12	196.86	198.96	197.01	218.25	200	256.27	210		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
-198.7	.08	33.67	.04	101.34	.08

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
33.67	101.34	91.2	143.1	137.3	.1	.3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
-198.7	23.95	208	T

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 2

INPUT
Description: surveyor 02. Extended on ROB with USGS cuad
Station Elevation Data num= 29

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
-115.54	210	39.66	200	99.06	198.3	103.96	198.18	112.54	197.86
141.33	195.51	152.38	194.65	164	193.92	169.67	192.59	182.76	192.27
193.58	191.81	208.48	191.43	220.63	190.64	231.71	189.9	238.11	189.6
240.99	189.43	250.69	189.58	256.5	189.55	259.14	189.66	260.85	192.002
263.39	195.48	268.97	197.37	295.96	197.99	303.46	199.57	318.84	198.43
321.77	198.4	325.55	198.15	329.68	198.35	357.14	210		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
-115.54	.08	208.48	.04	260.85	.08

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
208.48	260.85	252.3	314.9	369.7	.1	.3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
-115.54	152.38	205	T

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 1

INPUT
Description: surveyor 01. Extended on LOB with USGS cuad
Station Elevation Data num= 27

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
-14.55	210	0	201.79	9.28	199.19	75.48	198.13	105.52	197.79
108.47	197.96	112.79	197.88	114.55	197.82	128.24	196.04	155.18	195.3
173.11	194.85	173.73	191.7	191.84	190.1	210.16	189.9	215.05	189.35
227.29	189.1	234.89	189.02	243.82	188.77	248.15	188.82	251.93	189.97
261.52	193	284.37	203.27	298.28	205.29	314.09	208.61	330.9	210.5
335.83	210.69	343.8	210.94						

```
Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
  -14.55     .08  173.73    .035  261.52     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
        173.73  261.52               0       0       0             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
  -14.55  155.18     205       T
```

SUMMARY OF MANNING'S N VALUES

River:La Plata at Come

Reach	River Sta.	n1	n2	n3
1	12	.08	.04	.08
1	11	.08	.04	.08
1	10	.08	.04	.08
1	9	.08	.04	.08
1	8	.08	.04	.08
1	7	.08	.04	.08
1	6.5	Bridge		
1	6	.08	.04	.08
1	5	.08	.04	.08
1	4	.08	.04	.08
1	3	.08	.04	.08
1	2	.08	.04	.08
1	1	.08	.035	.08

SUMMARY OF REACH LENGTHS

River: La Plata at Come

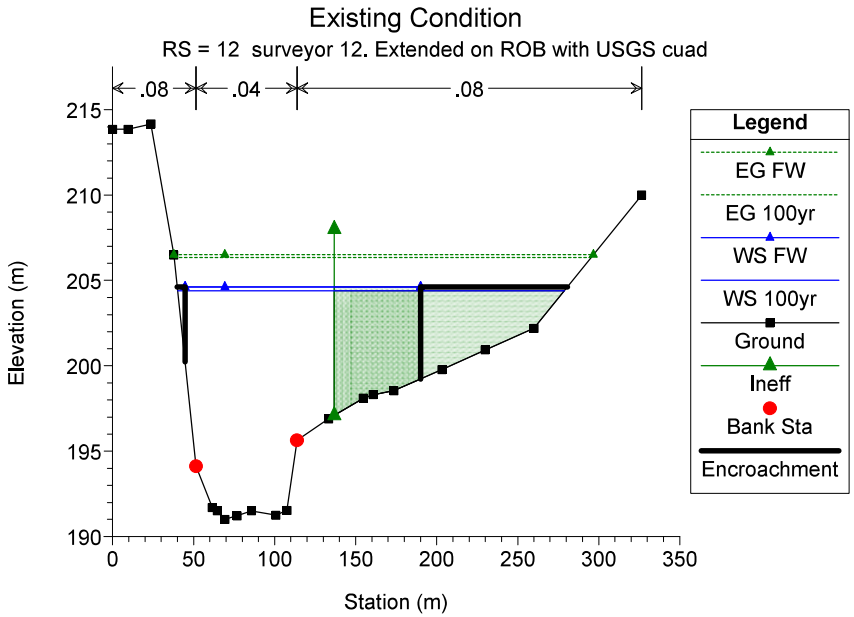
Reach	River Sta.	Left	Channel	Right
1	12	157.6	157.6	157.6
1	11	116.5	116.5	116.5
1	10	11.4	11.4	11.4
1	9	3.7	4.1	4.6
1	8	35.2	26.86	17.55
1	7	12.48	12.48	12.48
1	6.5	Bridge		
1	6	15.66	29.41	44.63
1	5	19.45	18.46	16.84
1	4	26.02	32.21	57.3
1	3	91.2	143.1	137.3
1	2	252.3	314.9	369.7
1	1	0	0	0

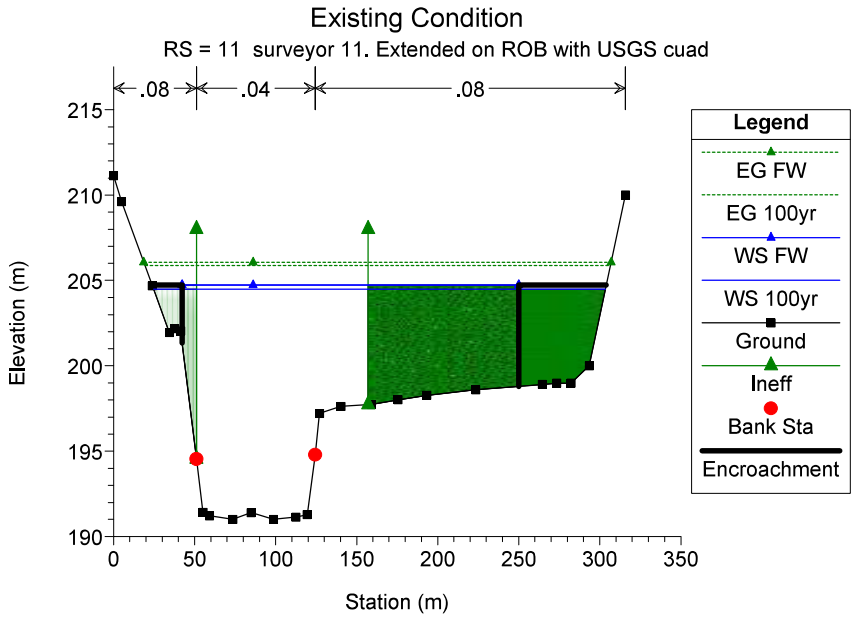
SUMMARY OF CONTRACTION AND EXPANSION COEFFICIENTS
River: La Plata at Come

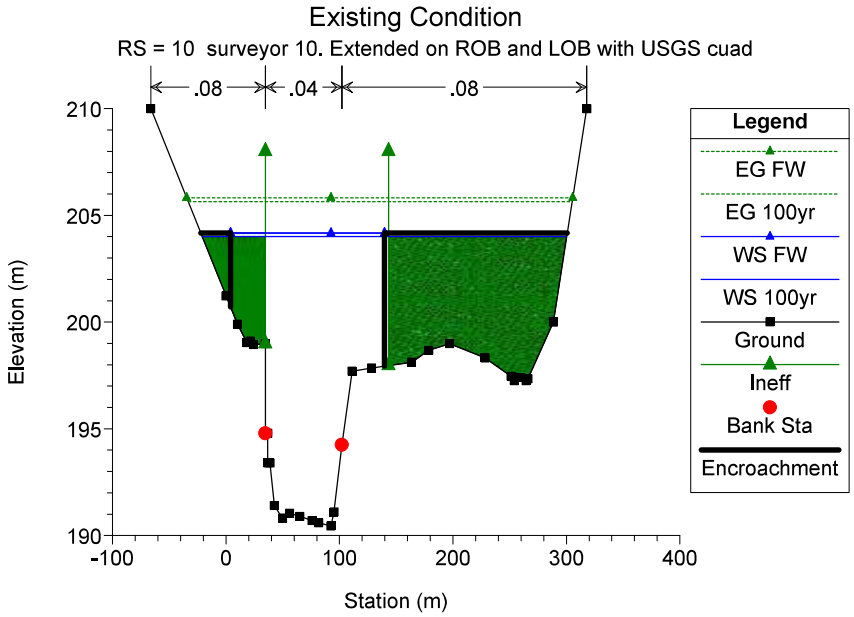
Reach	River Sta.	Contr.	Expan.
1	12	.1	.3
1	11	.1	.3
1	10	.1	.3
1	9	.1	.3
1	8	.1	.3
1	7	.3	.5
1	6.5	Bridge	
1	6	.3	.5
1	5	.1	.3
1	4	.1	.3
1	3	.1	.3
1	2	.1	.3
1	1	.1	.3

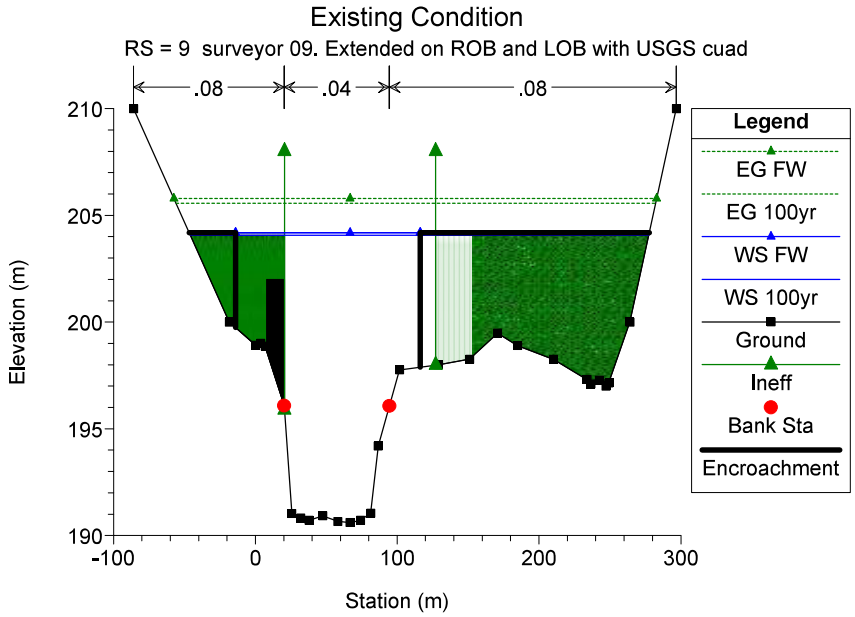
HEC-RAS Plan: Existing River: La Plata at Come Reach: 1

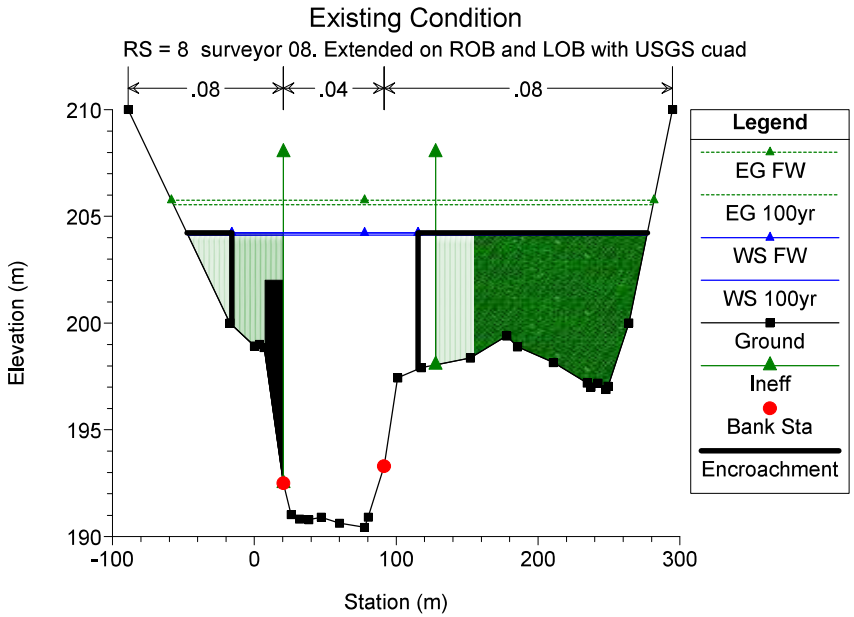
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl	Cum Ch Len
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)		(m)
1	12	100yr	5586.00	191.00	204.39		206.33	0.002349	6.45	1026.53	238.55	0.58	867.02
1	12	FW	5586.00	191.00	204.62		206.50	0.002216	6.34	1038.42	145.27	0.57	867.02
1	11	100yr	5586.00	191.00	204.48		205.86	0.001571	5.40	1188.90	278.75	0.48	709.42
1	11	FW	5586.00	191.00	204.72		206.05	0.001470	5.29	1215.19	207.69	0.46	709.42
1	10	100yr	5586.00	190.45	204.01		205.63	0.001980	5.90	1128.60	321.21	0.53	592.92
1	10	FW	5586.00	190.45	204.17		205.82	0.001949	5.91	1124.23	135.66	0.53	592.92
1	9	100yr	5586.00	190.61	204.07		205.57	0.002019	5.60	1134.53	323.21	0.51	581.52
1	9	FW	5586.00	190.61	204.18		205.79	0.002083	5.72	1078.07	130.21	0.51	581.52
1	8	100yr	5586.00	190.43	204.13		205.54	0.001852	5.48	1183.27	323.54	0.48	577.42
1	8	FW	5586.00	190.43	204.23		205.76	0.001929	5.62	1116.67	131.26	0.49	577.42
1	7	100yr	5586.00	190.31	204.41	198.73	205.37	0.001058	4.44	1410.60	443.06	0.39	550.56
1	7	FW	5586.00	190.31	204.58	198.72	205.55	0.001046	4.46	1376.88	150.71	0.39	550.56
1	6.5		Bridge										
1	6	100yr	5586.00	189.73	204.22		205.22	0.001126	4.58	1400.08	452.67	0.40	538.08
1	6	FW	5586.00	189.73	204.30		205.35	0.001147	4.64	1345.53	149.66	0.41	538.08
1	5	100yr	5586.00	190.07	204.56		204.85	0.000357	2.65	3149.12	494.25	0.23	508.67
1	5	FW	5586.00	190.07	204.52		205.09	0.000577	3.36	1726.92	176.52	0.29	508.67
1	4	100yr	5586.00	190.52	204.53		204.84	0.000389	2.75	3066.19	499.00	0.24	490.21
1	4	FW	5586.00	190.52	204.51		205.07	0.000586	3.37	1807.53	191.91	0.30	490.21
1	3	100yr	5665.00	190.51	203.86		204.75	0.001202	4.78	1824.97	349.40	0.42	458.00
1	3	FW	5665.00	190.51	203.85		204.99	0.001410	5.18	1512.73	210.71	0.46	458.00
1	2	100yr	5665.00	189.43	203.60		204.57	0.001389	5.20	1745.58	358.32	0.45	314.90
1	2	FW	5665.00	189.43	203.74		204.76	0.001419	5.29	1639.96	231.90	0.46	314.90
1	1	100yr	5665.00	188.77	203.23	197.52	204.24	0.000826	4.58	1435.57	286.83	0.40	
1	1	FW	5665.00	188.77	203.43	197.53	204.44	0.000798	4.55	1412.03	138.87	0.40	

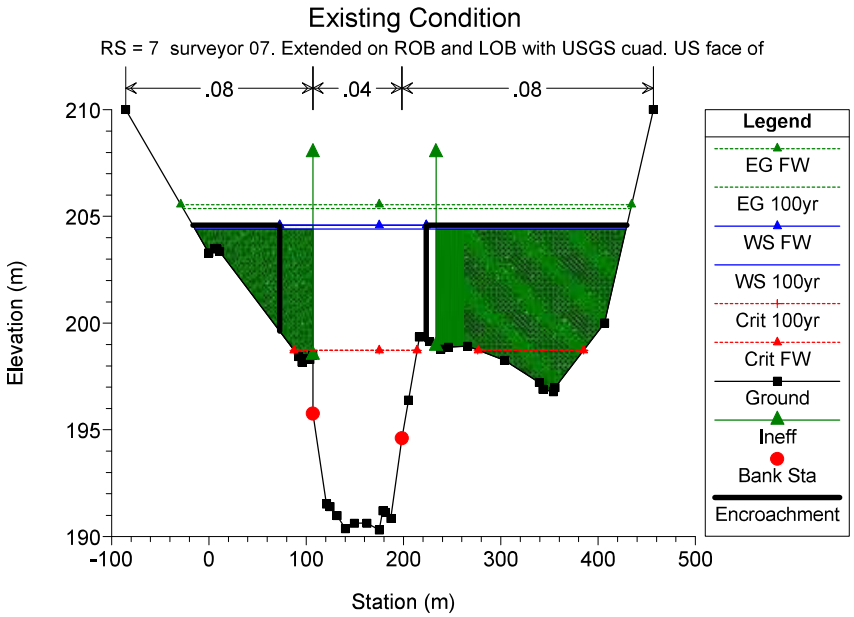

Existing Condition
RS = 12 surveyor 12. Extended on ROB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment

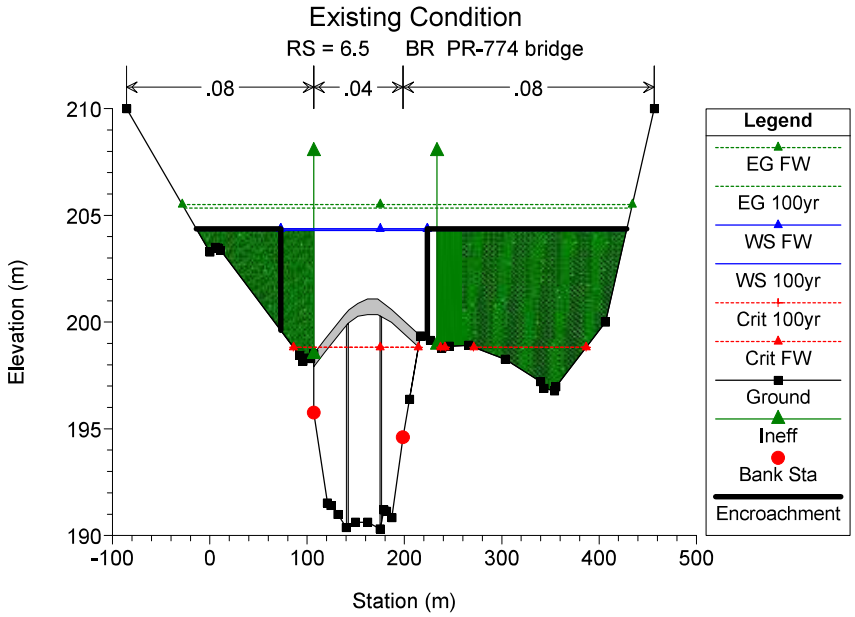

Existing Condition
RS = 11 surveyor 11. Extended on ROB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment

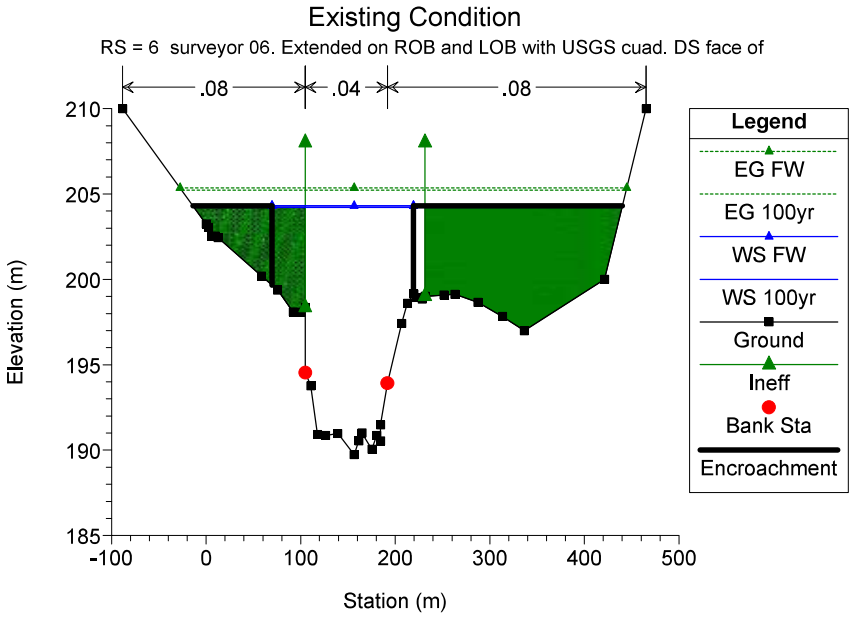

Existing Condition
RS = 10 surveyor 10. Extended on ROB and LOB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment

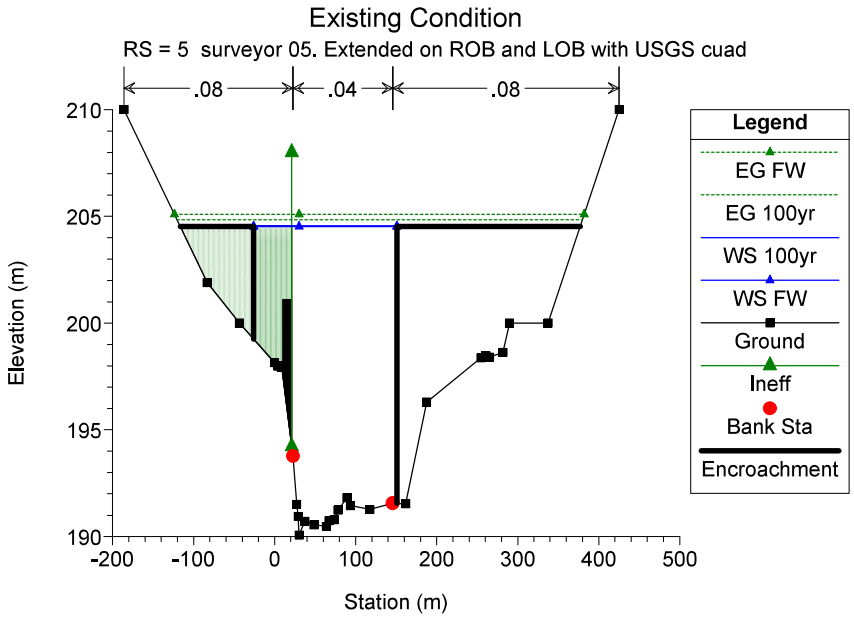

Existing Condition
RS = 9 surveyor 09. Extended on ROB and LOB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment

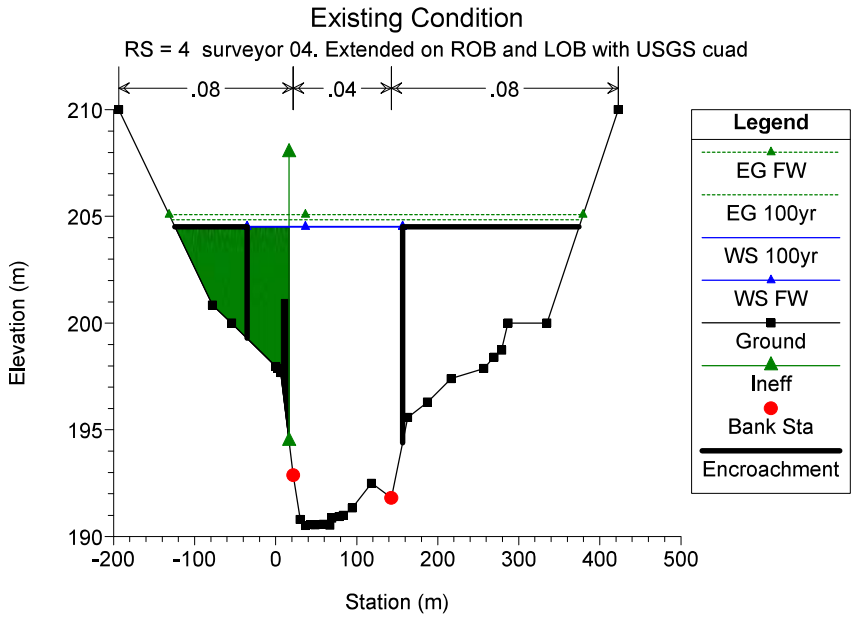

Existing Condition
RS = 8 surveyor 08. Extended on ROB and LOB with USGS cuad
.08
.04
.08
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment
Elevation (m)
Station (m)
210
205
200
195
190
-100
0
100
200
300

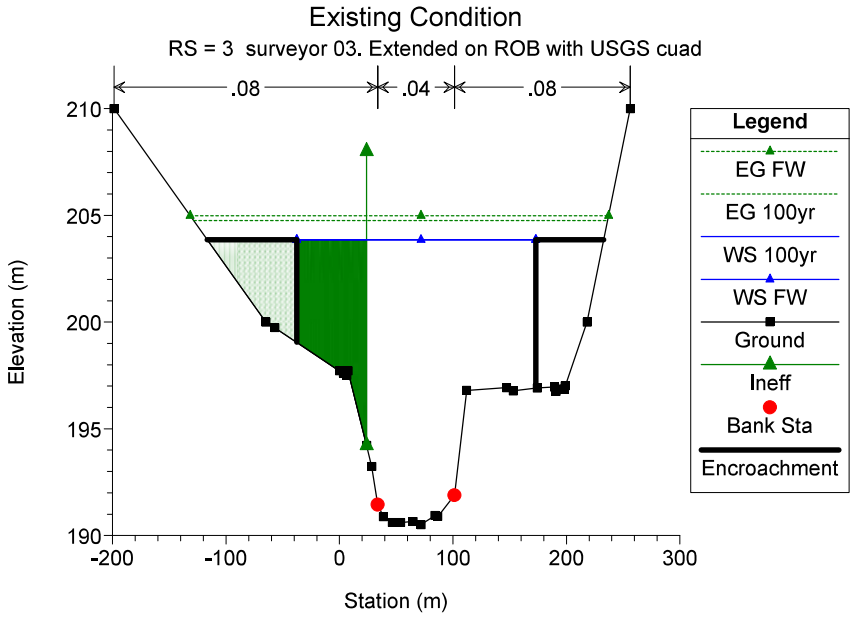

Existing Condition
RS = 7 surveyor 07. Extended on ROB and LOB with USGS cuad. US face of
.08
.04
.08
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Crit 100yr
Crit FW
Ground
Ineff
Bank Sta
Encroachment
Elevation (m)
Station (m)
210
205
200
195
190
-100
0
100
200
300
400
500

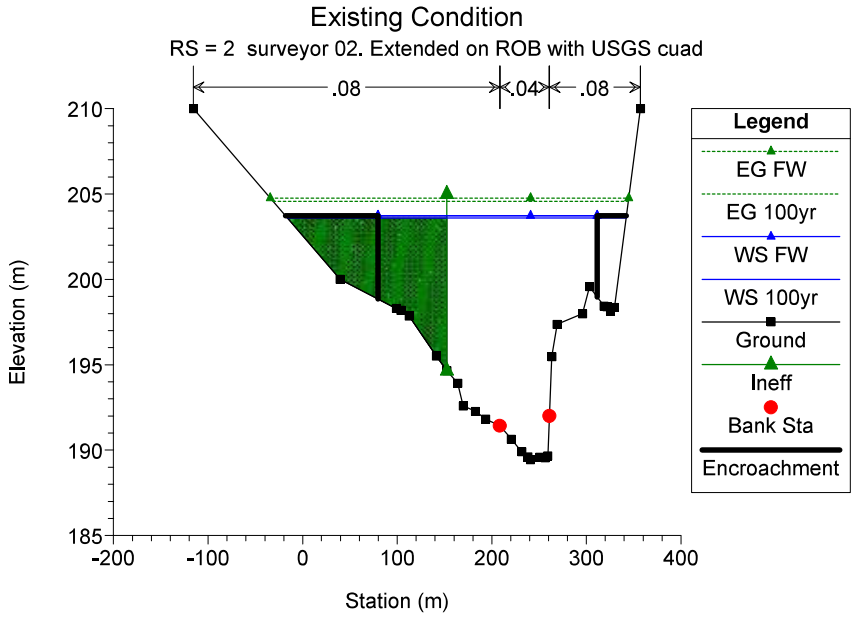

Existing Condition
RS = 6.5 BR PR-774 bridge
.08
.04
.08
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Crit 100yr
Crit FW
Ground
Ineff
Bank Sta
Encroachment
Elevation (m)
Station (m)
210
205
200
195
190
-100
0
100
200
300
400
500

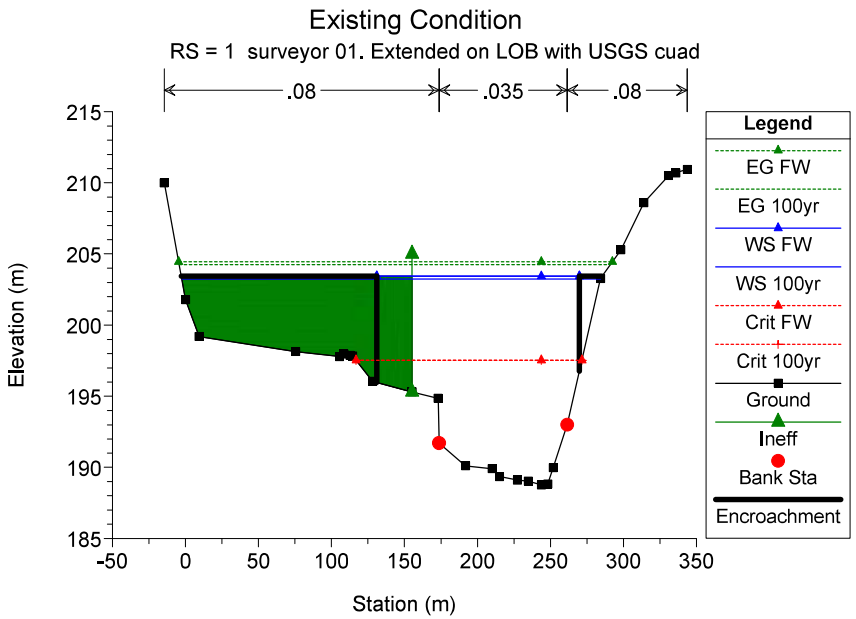

Existing Condition
RS = 6 surveyor 06. Extended on ROB and LOB with USGS cuad. DS face of
.08
.04
.08
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment
Elevation (m)
Station (m)
210
205
200
195
190
185
-100
0
100
200
300
400
500

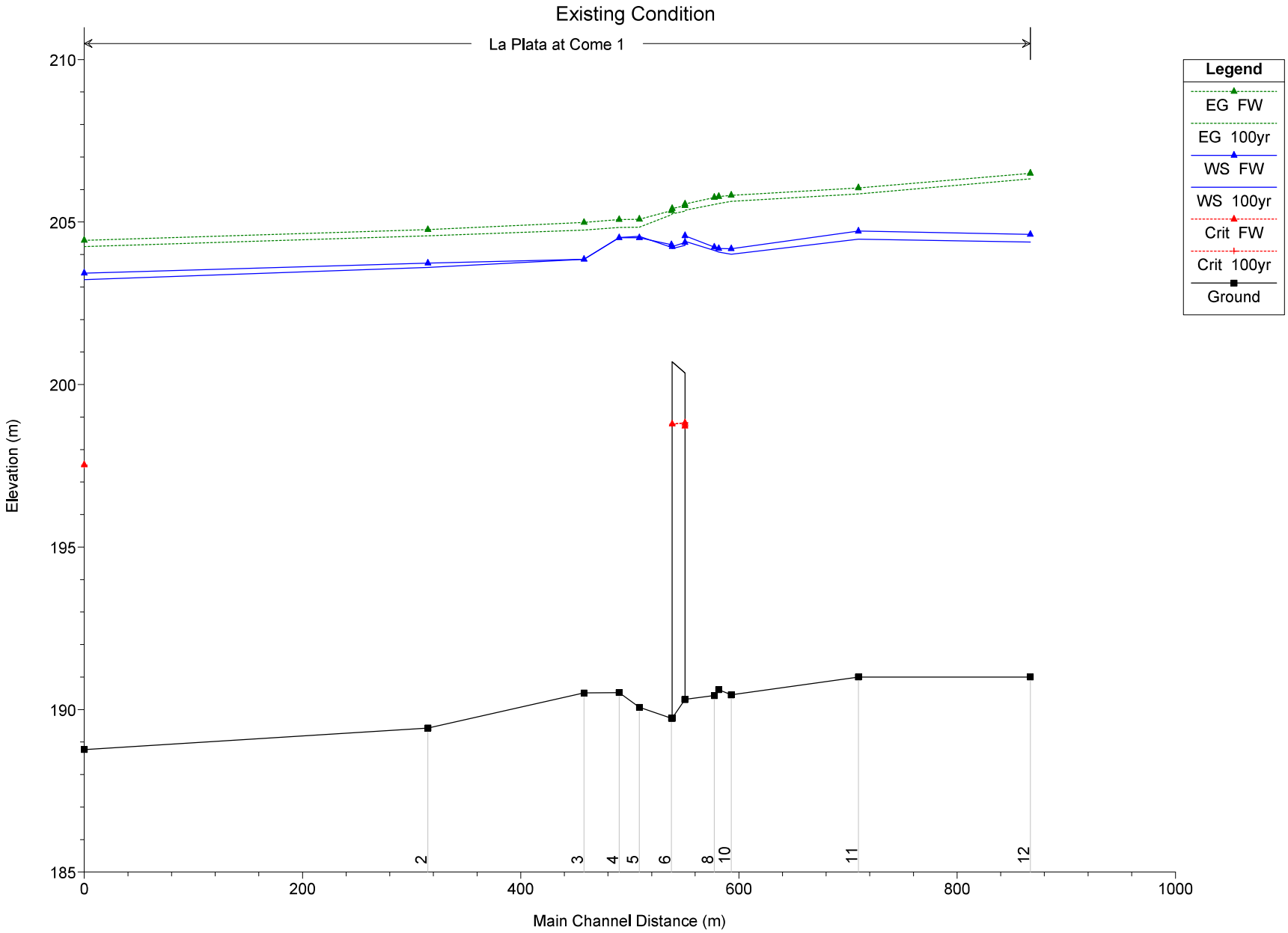

Existing Condition
RS = 5 surveyor 05. Extended on ROB and LOB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS 100yr
WS FW
Ground
Ineff
Bank Sta
Encroachment


Existing Condition
RS = 4 surveyor 04. Extended on ROB and LOB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS 100yr
WS FW
Ground
Ineff
Bank Sta
Encroachment


Existing Condition
RS = 3 surveyor 03. Extended on ROB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS 100yr
WS FW
Ground
Ineff
Bank Sta
Encroachment


Existing Condition
RS = 2 surveyor 02. Extended on ROB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment


Existing Condition
RS = 1 surveyor 01. Extended on LOB with USGS cuad
.08
.035
.08
Elevation (m)
215
210
205
200
195
190
185
-50
0
50
100
150
200
250
300
350
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Crit FW
Crit 100yr
Ground
Ineff
Bank Sta
Encroachment


Existing Condition
La Plata at Come 1
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Crit FW
Crit 100yr
Ground
Elevation (m)
Main Channel Distance (m)
210
205
200
195
190
185
0
200
400
600
800
1000
2
3
4
5
6
8
10
11
12

Appendix D

Input Data and Results of HEC-RAS Proposed Condition Model

HEC-RAS HEC-RAS 6.4.1 June 2023
U.S. Army Corps of Engineers
Hydrologic Engineering Center
609 Second Street
Davis, California

```
X     X  XXXXXX    XXXX        XXXX       XX      XXXX
X     X  X        X    X      X   X     X  X    X
X     X  X        X           X   X    X    X   X
XXXXXXX  XXXX     X       XXX  XXXX     XXXXXX    XXXX
X     X  X        X           X  X     X    X        X
X     X  X        X    X      X   X    X    X        X
X     X  XXXXXX    XXXX       X    X   X    X   XXXXX
```

PROJECT DATA
Project Title: Proposed Condition
Project File : PropCond.prj
Run Date and Time: 5/1/2024 8:19:37 AM

Project in SI units

PLAN DATA

Plan Title: Comerio Watefront Proposed Cond
Plan File : p:\Comerio\Water Resources\Comerio Watefront\6.0 HEC-RAS\HECRAS Final\PropCond.p01

Geometry Title: Comerio Watefront Proposed Cond
Geometry File : p:\Comerio\Water Resources\Comerio Watefront\6.0 HEC-RAS\HECRAS Final\PropCond.g01

Flow Title : FEMA ABFE Q
Flow File : p:\Comerio\Water Resources\Comerio Watefront\6.0 HEC-RAS\HECRAS Final\PropCond.f01

Plan Summary Information:
Number of: Cross Sections = 12 Multiple Openings = 0
Culverts = 0 Inline Structures = 0
Bridges = 1 Lateral Structures = 0

Computational Information
Water surface calculation tolerance = 0.003
Critical depth calculation tolerance = 0.003
Maximum number of iterations = 20
Maximum difference tolerance = 0.1
Flow tolerance factor = 0.001

Computation Options
Critical depth computed only where necessary
Conveyance Calculation Method: At breaks in n values only
Friction Slope Method: Average Conveyance
Computational Flow Regime: Subcritical Flow

Encroachment Data
Equal Conveyance = True
Left Offset = 0
Right Offset = 0

River = La Plata at Come Reach = 1

RS	Profile	Method	Value1	Value2
12	FW	1	44.72	189.99
11	FW	1	42.26	249.95
10	FW	1	3.98	139.64
9	FW	1	-14.03	116.18
8	FW	1	-15.93	115.33
7	FW	1	72.76	223.47

6	FW	1	69.71	219.37
5	FW	1	-25.8	150.72
4	FW	1	-35.4	156.51
3	FW	1	-37.7	173.01
2	FW	1	79.46	311.36
1	FW	1	131.03	269.9

FLOW DATA

Flow Title: FEMA ABFE Q
Flow File : p:\Comerio\Water Resources\Comerio Watefront\6.0 HEC-RAS\HECRAS Final\PropCond.f01

Flow Data (m3/s)

River	Reach	RS	100yr	FW
La Plata at Come1		12	5586	5586
La Plata at Come1		3	5665	5665

Boundary Conditions

River	Reach	Profile	Upstream	Downstream
La Plata at Come1		100yr		Known WS = 203.23
La Plata at Come1		FW		Known WS = 203.43

GEOMETRY DATA

Geometry Title: Comerio Watefront Proposed Cond
Geometry File : p:\Comerio\Water Resources\Comerio Watefront\6.0 HEC-RAS\HECRAS Final\PropCond.g01

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 12

INPUT
Description: surveyor 12. Extended on ROB with USGS cuad
Station Elevation Data num= 21

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	213.85	9.61	213.85	23.7	214.16	37.82	206.48	51.49	194.11
61.52	191.7	64.52	191.5	69.29	191	76.79	191.21	85.7	191.5
100.82	191.25	107.6	191.53	113.82	195.63	133.28	196.89	154.62	198.1
160.82	198.3	173.51	198.54	203.18	199.77	229.92	200.93	260	202.19
326.42	210								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.08	51.49	.04	113.82	.08

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
51.49	113.82	157.6	157.6	.1	.3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
136.8	326.42	208	T

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 11

INPUT
Description: surveyor 11. Extended on ROB with USGS cuad
Station Elevation Data num= 26

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	211.12	4.94	209.6	23.87	204.68	34.46	201.94	37.76	202.17
41.35	202.03	51.12	194.539	55.2	191.41	59.2	191.21	73.57	191
84.88	191.4	98.63	191	112.41	191.13	119.47	191.27	124.38	194.79
127.05	197.21	140.21	197.62	159.08	197.73	175.44	198	193.2	198.26
223.47	198.59	264.53	198.9	273.31	198.98	282.17	198.98	293.4	200
315.78	210								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.08	51.12	.04	124.38	.08

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
51.12	124.38	116.5	116.5	.1	.3

Ineffective Flow num= 2

Sta L	Sta R	Elev	Permanent
0	51.12	208	T
157	315.78	208	T

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 10

INPUT
Description: surveyor 10. Extended on ROB and LOB with USGS cuad
Station Elevation Data num= 31

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
-66.36	210	0	201.23	10.17	199.9	18.34	199.04	21.42	199.11
24.12	198.94	32.41	198.99	32.411	194.79	38.76	193.4	42.52	191.4
49.74	190.82	55.99	191.04	65.08	190.9	75.77	190.7	81.57	190.59
92.4	190.45	95.18	191.1	102.06	194.25	111.11	197.7	128.17	197.85
163.55	198.12	178.73	198.68	197.13	198.99	228.28	198.32	251.18	197.46
253.85	197.26	259.43	197.41	264.52	197.26	266.09	197.34	288.4	200
317.88	210								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
-66.36	.08	32.411	.04	102.06	.08

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
32.411	102.06	11.4	11.4	.1	.3

Ineffective Flow num= 2

Sta L	Sta R	Elev	Permanent
-66.36	34.61	208	T
143.3	317.88	208	T

CROSS SECTION

RIVER: La Plata at Come
REACH: 1 RS: 9

INPUT
Description: surveyor 09. Extended on ROB and LOB with USGS cuad
Station Elevation Data num= 31

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
-85.9	210	-18.4	200	0	198.92	3.7	199	6.88	198.87
16.2	198.87	16.2	197	20.5	196.09	25.62	191.03	32.06	190.82
37.79	190.71	47.44	190.92	58.14	190.66	66.69	190.61	74.1	190.71
81.28	191.05	86.54	194.2	94.43	196.074	101.53	197.76	128.86	198
151.01	198.26	170.77	199.48	184.85	198.9	210.21	198.25	233.83	197.31
236.52	197.1	242.45	197.28	247.17	197	249.27	197.15	263.98	200
296.69	210								

```
Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
   -85.9     .08    20.5     .04   94.43     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
          20.5   94.43              3.7     4.1     4.6             .1       .3
Ineffective Flow     num=       2
   Sta L   Sta R    Elev  Permanent
   -85.9    20.5     208       T
   127.1  296.69     208       T

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                  RS: 8

INPUT
Description: surveyor 08. Extended on ROB and LOB with USGS cuad
Station Elevation Data    num=      29
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
   -88.9     210  -17.23     200       0  198.92     3.7     199    6.88  198.85
      16  198.85      16     195    20.7   192.5    25.9  191.03   31.82  190.82
   38.32  190.79   47.16   190.9      60  190.62   77.68  190.43   80.29  190.91
   91.47  193.29  100.97  197.43  117.78  197.91  152.25  198.36   177.9  199.39
  185.49  198.88  210.79  198.15  234.52  197.19  237.24     197  242.26  197.18
   247.9  196.88  249.34  197.04  264.07     200   294.8     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
   -88.9     .08    20.7     .04   91.47     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
          20.7   91.47             35.2   26.86   17.55             .1       .3
Ineffective Flow     num=       2
   Sta L   Sta R    Elev  Permanent
   -88.9    20.5     208       T
   127.7   294.8     208       T

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                  RS: 7

INPUT
Description: surveyor 07. Extended on ROB and LOB with USGS cuad. US face of
             PR-774 bridge
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
   -85.5     210       0  203.28    5.72   203.5     8.3  203.47   11.07  203.36
    92.3  198.43   95.66  198.17   99.68  198.31   103.7  198.29   106.9   198.5
  106.91  195.76  120.84  191.52  124.49   191.4  131.63  190.98  140.17  190.37
  149.68  190.62  162.19  190.62  175.03  190.31  178.87   191.2  181.51  191.13
  187.03  190.84  198.45   194.6  205.13  196.39  216.29  199.35  226.75  199.14
  238.38  198.78  246.14  198.87  266.09  198.91  303.69  198.25   339.6  197.21
  343.37   196.9  354.09  196.78  355.55  196.97  406.57     200   456.8     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
   -85.5     .08  106.91     .04  198.45     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
        106.91  198.45            12.48   12.48   12.48             .3       .5
Ineffective Flow     num=       2
   Sta L   Sta R    Elev  Permanent
   -85.5  106.89     208       T
   233.5   456.8     208       T
```

BRIDGE

RIVER: La Plata at Come
REACH: 1 RS: 6.5

INPUT
Description: PR-774 bridge
Distance from Upstream XS = .01
Deck/Roadway Width = 11.79
Weir Coefficient = 1.4
Upstream Deck/Roadway Coordinates
num= 10

Sta	Hi Cord	Lo Cord	Sta	Hi Cord	Lo Cord	Sta	Hi Cord	Lo Cord
106.9	198.5	197.9	118.27	199.2	198.6	138.09	200.32	199.72
143.01	200.58	199.98	152.11	200.87	200.27	161.99	201.08	200.35
172.42	201.09	200.353	186.72	200.59	199.99	209.4	199.64	199.04
216.51	199.35	198.75						

Upstream Bridge Cross Section Data
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
-85.5	210	0	203.28	5.72	203.5	8.3	203.47	11.07	203.36
92.3	198.43	95.66	198.17	99.68	198.31	103.7	198.29	106.9	198.5
106.91	195.76	120.84	191.52	124.49	191.4	131.63	190.98	140.17	190.37
149.68	190.62	162.19	190.62	175.03	190.31	178.87	191.2	181.51	191.13
187.03	190.84	198.45	194.6	205.13	196.39	216.29	199.35	226.75	199.14
238.38	198.78	246.14	198.87	266.09	198.91	303.69	198.25	339.6	197.21
343.37	196.9	354.09	196.78	355.55	196.97	406.57	200	456.8	210

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
-85.5	.08	106.91	.04	198.45	.08

Bank Sta: Left Right Coeff Contr. Expan.
106.91 198.45 .3 .5
Ineffective Flow num= 2

Sta L	Sta R	Elev	Permanent
-85.5	106.89	208	T
233.5	456.8	208	T

Downstream Deck/Roadway Coordinates
num= 13

Sta	Hi Cord	Lo Cord	Sta	Hi Cord	Lo Cord	Sta	Hi Cord	Lo Cord
104.9	198.35	197.9	117.49	199.06	198.6	127.19	199.62	199.16
137.52	200.2	199.74	141.6	200.39	199.93	151.84	200.8	200.34
161.63	201.06	200.6	171.01	201.16	200.7	175.68	201.08	200.62
185.52	200.64	200.18	213.39	199.45	198.99	215.83	199.39	198.93
219.64	199.18	198.72						

Downstream Bridge Cross Section Data
Station Elevation Data num= 37

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
-88.3	210	0	203.24	2.54	203.05	5.85	202.51	9.54	202.53
12.66	202.44	58.72	200.19	75.67	199.37	92.12	198.09	100.11	198.08
104.9	198.35	104.91	194.54	110.9	193.77	117.78	190.92	126.45	190.86
139.24	190.98	156.59	189.73	161.48	190.55	164.75	191.01	175.41	190.05
180.34	190.86	184.47	190.54	184.47	191.48	191.85	193.92	206.77	197.42
212.88	198.61	219.63	199.15	222.13	198.94	228.63	198.85	231.6	199.01
251.55	199.08	263.04	199.13	287.56	198.65	313.45	197.83	336.6	196.99
421.36	200	465.23	210						

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
-88.3	.08	104.91	.04	191.85	.08

Bank Sta: Left Right Coeff Contr. Expan.
104.91 191.85 .3 .5
Ineffective Flow num= 2

Sta L	Sta R	Elev	Permanent
-88.3	104.89	208	T
231.5	465.23	208	T

```
Upstream Embankment side slope              =       0 horiz. to 1.0 vertical
Downstream Embankment side slope            =       0 horiz. to 1.0 vertical
Maximum allowable submergence for weir flow =     .98
Elevation at which weir flow begins         =
Energy head used in spillway design         =
Spillway height used in design              =
Weir crest shape                            = Broad Crested

Number of Piers =  2

Pier Data
Pier Station     Upstream=  141.35    Downstream=   138.7
Upstream     num=       2
    Width   Elev    Width   Elev
    1.75   199.8    1.75  199.94
Downstream     num=       2
    Width   Elev    Width   Elev
    1.75  199.73    1.75  199.93

Pier Data
Pier Station     Upstream=  175.67    Downstream=  173.02
Upstream     num=       2
    Width   Elev    Width   Elev
   1.756     200   1.756  200.35
Downstream     num=       2
    Width   Elev    Width   Elev
   1.756  200.65   1.756   200.7

Number of Bridge Coefficient Sets =  1

Low Flow Methods and Data
       Energy
Selected Low Flow Methods = Highest Energy Answer

High Flow Method
       Energy Only

Additional Bridge Parameters
       Add Friction component to Momentum
       Do not add Weight component to Momentum
       Class B flow critical depth computations use critical depth
           inside the bridge at the upstream end
       Criteria to check for pressure flow = Upstream energy grade line

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                  RS: 6

INPUT
Description: surveyor 06. Extended on ROB and LOB with USGS cuad. DS face of
             PR-774 bridge
Station Elevation Data    num=      37
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
   -88.3     210       0  203.24    2.54  203.05    5.85  202.51    9.54  202.53
   12.66  202.44   58.72  200.19   75.67  199.37   92.12  198.09  100.11  198.08
   104.9  198.35  104.91  194.54   110.9  193.77  117.78  190.92  126.45  190.86
  139.24  190.98  156.59  189.73  161.48  190.55  164.75  191.01  175.41  190.05
  180.34  190.86  184.47  190.54  184.47  191.48  191.85  193.92  206.77  197.42
  212.88  198.61  219.63  199.15  222.13  198.94  228.63  198.85   231.6  199.01
  251.55  199.08  263.04  199.13  287.56  198.65  313.45  197.83   336.6  196.99
  421.36     200  465.23     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
   -88.3     .08  104.91     .04  191.85     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
        104.91  191.85            15.66   29.41   44.63             .3       .5
```

```
Ineffective Flow     num=       2
   Sta L   Sta R    Elev  Permanent
   -88.3  104.89     208       T
   231.5  465.23     208       T

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                 RS: 5

INPUT
Description: surveyor 05. Extended on ROB and LOB with USGS cuad
Station Elevation Data    num=      32
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
  -185.8     210   -83.3   201.9   -43.4     200       0  198.14    3.83  197.98
       5     198    8.78  197.93   16.12  197.93   16.12   195.7   22.62  193.77
   27.15   191.5   29.08  190.94   30.09  190.07   37.36  190.72   48.45  190.55
   63.83  190.47   67.12  190.74   73.31  190.79   78.08  191.24   89.22  191.82
    93.5  191.45  117.39  191.27   145.6  191.56  161.57  191.53  187.45   196.3
  254.64  198.37  260.68  198.46  265.03   198.4  281.64  198.62  289.84     200
  337.34     200  425.04     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
  -185.8     .08   22.62     .04   145.6     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         22.62   145.6            19.45   18.46   16.84             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
  -185.8   21.11     208       T

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                 RS: 4

INPUT
Description: surveyor 04. Extended on ROB and LOB with USGS cuad
Station Elevation Data    num=      30
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
  -193.7     210     -78  200.84   -54.5     200       0  197.97    2.74  197.87
     6.2  197.68   16.51  197.68   16.51   194.5   21.68  192.87   30.21   190.8
   36.61  190.52   43.07  190.56   48.58  190.55   58.96  190.58   66.67  190.53
    69.1  190.86   78.28  190.94    83.2  190.99    94.5  191.34  118.15   192.5
  142.73  191.81  162.88  195.58  187.39   196.3  216.45   197.4  256.86  197.87
  269.31   198.4  278.78  198.73  286.68     200  334.58     200  422.58     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
  -193.7     .08   21.68     .04  142.73     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         21.68  142.73            26.02   32.21    57.3             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
  -193.7   16.51     208       T
Blocked Obstructions     num=       1
   Sta L   Sta R    Elev
    7.15   16.51   201.1

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                 RS: 3

INPUT
Description: surveyor 03. Extended on ROB with USGS cuad
```

```
Station Elevation Data    num=      29
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
  -198.7     210   -64.9     200     -57  199.74       0  197.71    3.52  197.61
    6.44  197.51    7.54  197.71   23.95  194.22   28.45  193.23   33.67  191.45
   38.78  190.88   46.46  190.61   53.94  190.61   64.74  190.66   71.88  190.51
   84.09  190.94   86.61  190.89  101.34  191.89  112.08   196.8  147.16  196.93
  153.28  196.78  174.39  196.91  189.62  196.96  190.82  196.76   194.8  196.86
  198.12  196.86  198.96  197.01  218.25     200  256.27     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
  -198.7     .08   33.67     .04  101.34     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         33.67  101.34             91.2   143.1   137.3             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
  -198.7   23.95     208       T

CROSS SECTION

RIVER: La Plata at Come
REACH: 1                  RS: 2

INPUT
Description: surveyor 02. Extended on ROB with USGS cuad
Station Elevation Data    num=      29
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
 -115.54     210   39.66     200   99.06   198.3  103.96  198.18  112.54  197.86
  141.33  195.51  152.38  194.65     164  193.92  169.67  192.59  182.76  192.27
  193.58  191.81  208.48  191.43  220.63  190.64  231.71   189.9  238.11   189.6
  240.99  189.43  250.69  189.58   256.5  189.55  259.14  189.66  260.85 192.002
  263.39  195.48  268.97  197.37  295.96  197.99  303.46  199.57  318.84  198.43
  321.77   198.4  325.55  198.15  329.68  198.35  357.14     210

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
 -115.54     .08  208.48     .04  260.85     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
        208.48  260.85            252.3   314.9   369.7             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
 -115.54  152.38     205       T

CROSS SECTION


RIVER: La Plata at Come
REACH: 1                  RS: 1

INPUT
Description: surveyor 01. Extended on LOB with USGS cuad
Station Elevation Data    num=      27
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
  -14.55     210       0  201.79    9.28  199.19   75.48  198.13  105.52  197.79
  108.47  197.96  112.79  197.88  114.55  197.82  128.24  196.04  155.18   195.3
  173.11  194.85  173.73   191.7  191.84   190.1  210.16   189.9  215.05  189.35
  227.29   189.1  234.89  189.02  243.82  188.77  248.15  188.82  251.93  189.97
  261.52     193  284.37  203.27  298.28  205.29  314.09  208.61   330.9   210.5
  335.83  210.69   343.8  210.94

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
  -14.55     .08  173.73    .035  261.52     .08

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
        173.73  261.52               0       0       0             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
  -14.55  155.18     205       T
```

SUMMARY OF MANNING'S N VALUES

River:La Plata at Come

Reach	River Sta.	n1	n2	n3
1	12	.08	.04	.08
1	11	.08	.04	.08
1	10	.08	.04	.08
1	9	.08	.04	.08
1	8	.08	.04	.08
1	7	.08	.04	.08
1	6.5	Bridge		
1	6	.08	.04	.08
1	5	.08	.04	.08
1	4	.08	.04	.08
1	3	.08	.04	.08
1	2	.08	.04	.08
1	1	.08	.035	.08

SUMMARY OF REACH LENGTHS

River: La Plata at Come

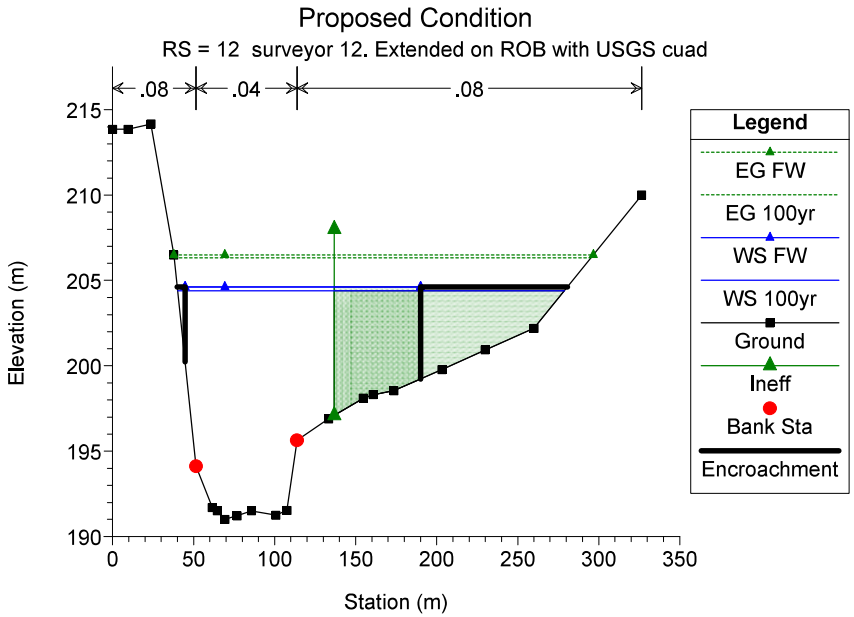
Reach	River Sta.	Left	Channel	Right
1	12	157.6	157.6	157.6
1	11	116.5	116.5	116.5
1	10	11.4	11.4	11.4
1	9	3.7	4.1	4.6
1	8	35.2	26.86	17.55
1	7	12.48	12.48	12.48
1	6.5	Bridge		
1	6	15.66	29.41	44.63
1	5	19.45	18.46	16.84
1	4	26.02	32.21	57.3
1	3	91.2	143.1	137.3
1	2	252.3	314.9	369.7
1	1	0	0	0

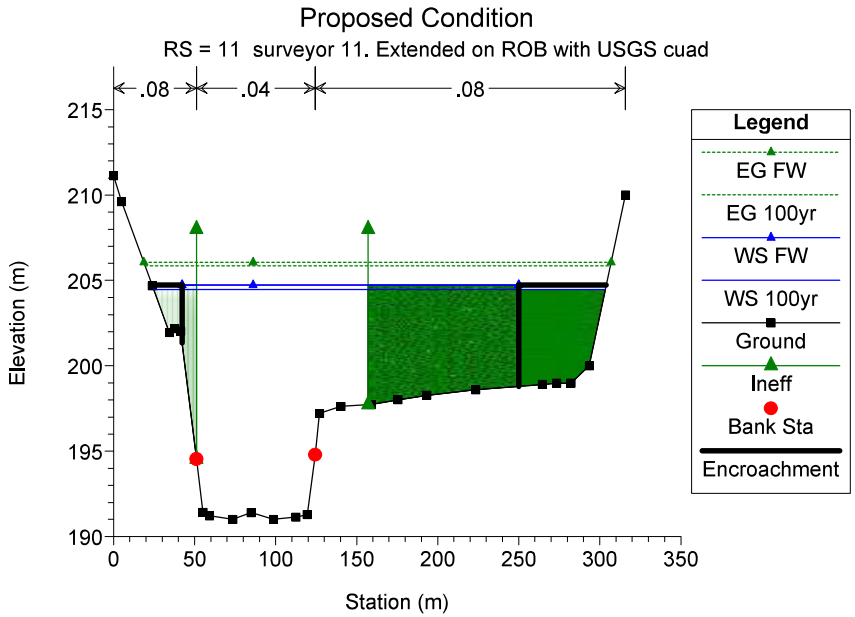
SUMMARY OF CONTRACTION AND EXPANSION COEFFICIENTS
River: La Plata at Come

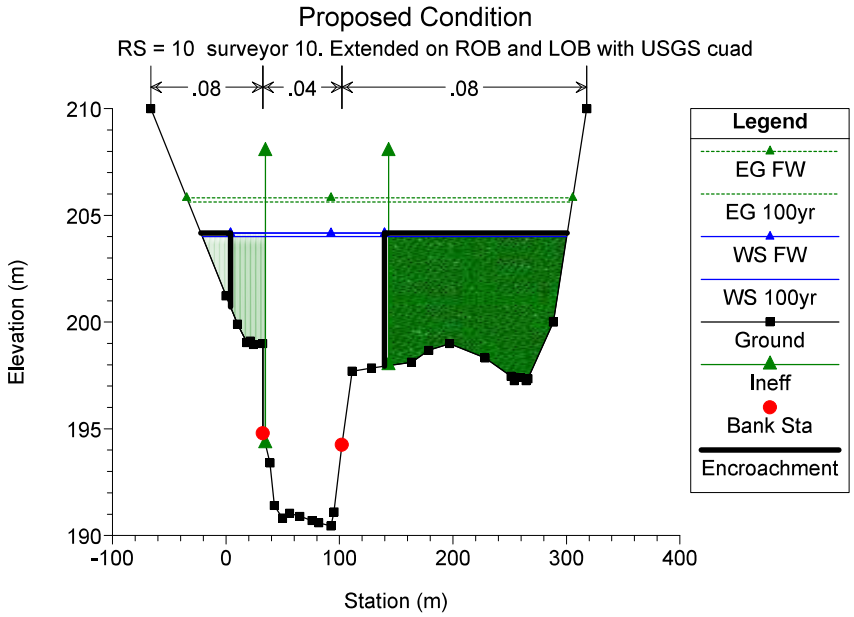
Reach	River Sta.	Contr.	Expan.
1	12	.1	.3
1	11	.1	.3
1	10	.1	.3
1	9	.1	.3
1	8	.1	.3
1	7	.3	.5
1	6.5	Bridge	
1	6	.3	.5
1	5	.1	.3
1	4	.1	.3
1	3	.1	.3
1	2	.1	.3
1	1	.1	.3

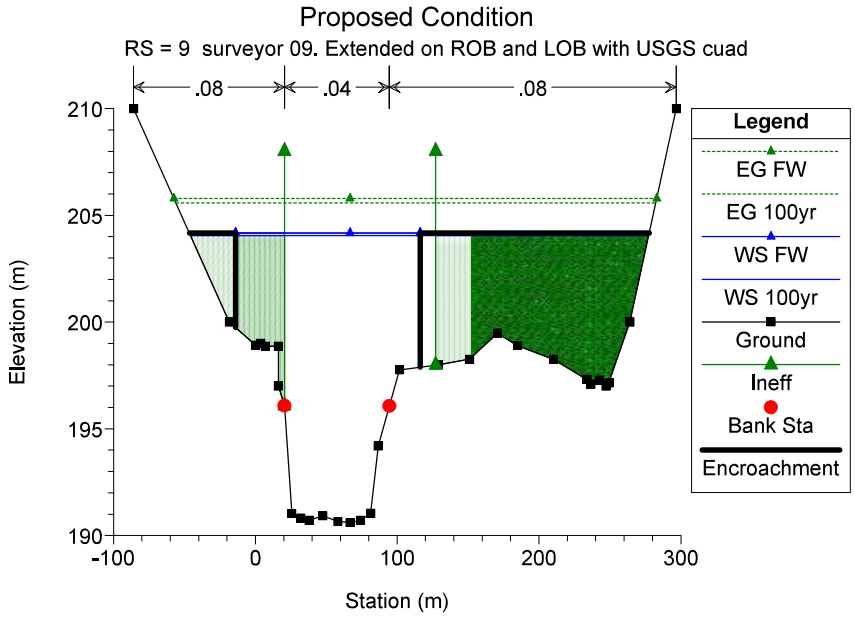
HEC-RAS Plan: Proposed River: La Plata at Come Reach: 1

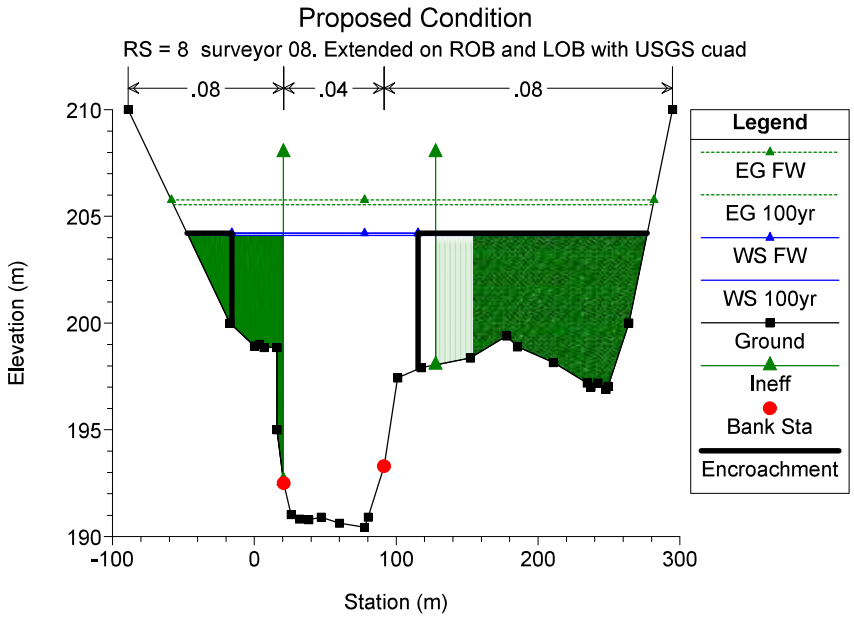
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
1	12	100yr	5586.00	191.00	204.38		206.33	0.002353	6.45	1025.97	238.49	0.58
1	12	FW	5586.00	191.00	204.61		206.50	0.002219	6.34	1037.85	145.27	0.57
1	11	100yr	5586.00	191.00	204.47		205.86	0.001574	5.40	1188.28	278.72	0.48
1	11	FW	5586.00	191.00	204.72		206.05	0.001472	5.29	1214.52	207.69	0.46
1	10	100yr	5586.00	190.45	204.00		205.63	0.001932	5.91	1129.10	321.15	0.53
1	10	FW	5586.00	190.45	204.17		205.82	0.001900	5.91	1124.78	135.66	0.53
1	9	100yr	5586.00	190.61	204.06		205.58	0.001852	5.63	1132.31	323.04	0.51
1	9	FW	5586.00	190.61	204.17		205.79	0.001903	5.74	1076.35	130.21	0.52
1	8	100yr	5586.00	190.43	204.10		205.55	0.001606	5.54	1180.29	323.27	0.49
1	8	FW	5586.00	190.43	204.21		205.76	0.001662	5.66	1114.55	131.26	0.50
1	7	100yr	5586.00	190.31	204.41	198.73	205.37	0.001057	4.44	1410.72	443.08	0.39
1	7	FW	5586.00	190.31	204.58	198.72	205.55	0.001046	4.46	1376.97	150.71	0.39
1	6.5		Bridge									
1	6	100yr	5586.00	189.73	204.22		205.22	0.001126	4.58	1400.21	452.69	0.40
1	6	FW	5586.00	189.73	204.30		205.35	0.001147	4.64	1345.63	149.66	0.41
1	5	100yr	5586.00	190.07	204.56		204.85	0.000355	2.65	3149.82	494.29	0.23
1	5	FW	5586.00	190.07	204.52		205.09	0.000573	3.35	1727.33	176.52	0.29
1	4	100yr	5586.00	190.52	204.53		204.84	0.000389	2.75	3066.13	499.00	0.24
1	4	FW	5586.00	190.52	204.51		205.07	0.000586	3.37	1807.46	191.91	0.30
1	3	100yr	5665.00	190.51	203.86		204.75	0.001202	4.78	1824.97	349.40	0.42
1	3	FW	5665.00	190.51	203.85		204.99	0.001410	5.18	1512.73	210.71	0.46
1	2	100yr	5665.00	189.43	203.60		204.57	0.001389	5.20	1745.58	358.32	0.45
1	2	FW	5665.00	189.43	203.74		204.76	0.001419	5.29	1639.96	231.90	0.46
1	1	100yr	5665.00	188.77	203.23	197.52	204.24	0.000826	4.58	1435.57	286.83	0.40
1	1	FW	5665.00	188.77	203.43	197.53	204.44	0.000798	4.55	1412.03	138.87	0.40

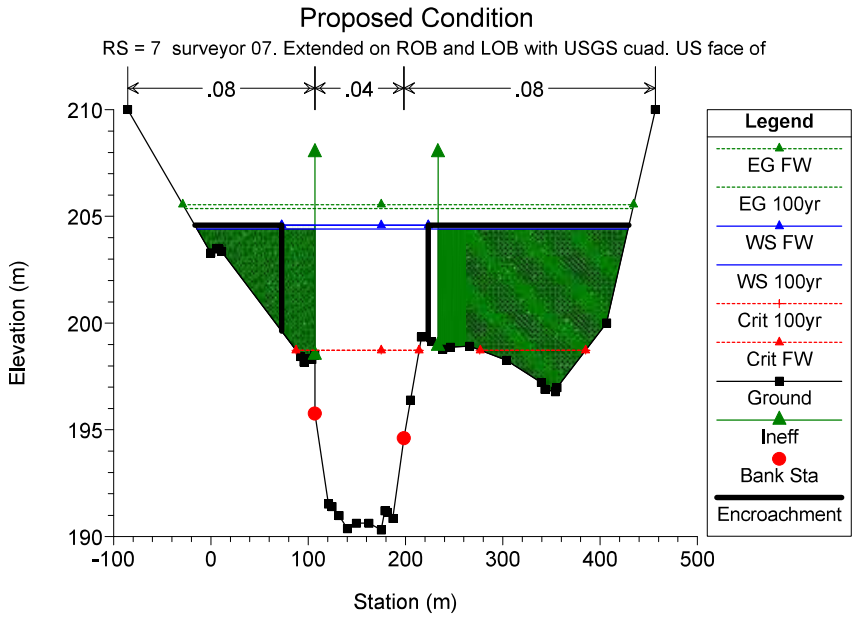

Proposed Condition
RS = 12 surveyor 12. Extended on ROB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment

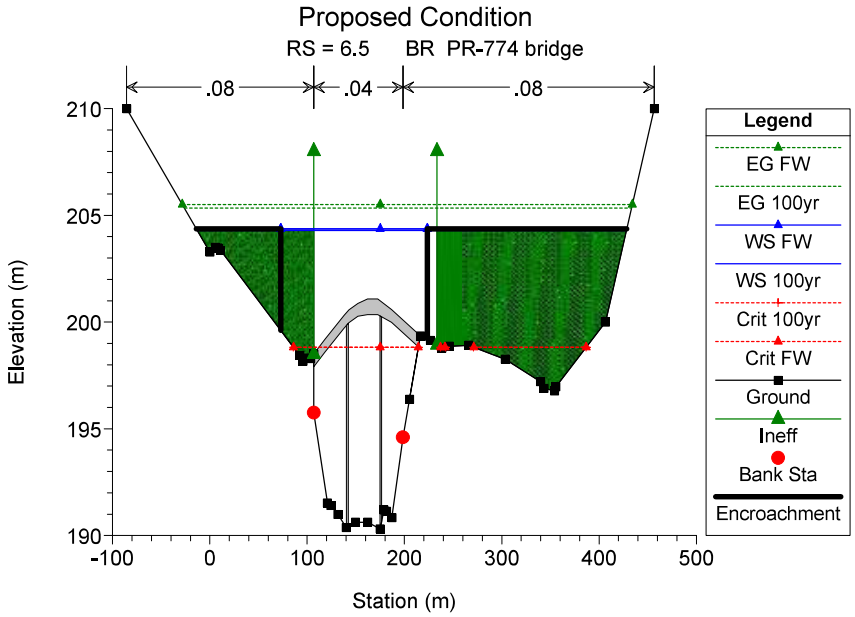

Proposed Condition
RS = 11 surveyor 11. Extended on ROB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment

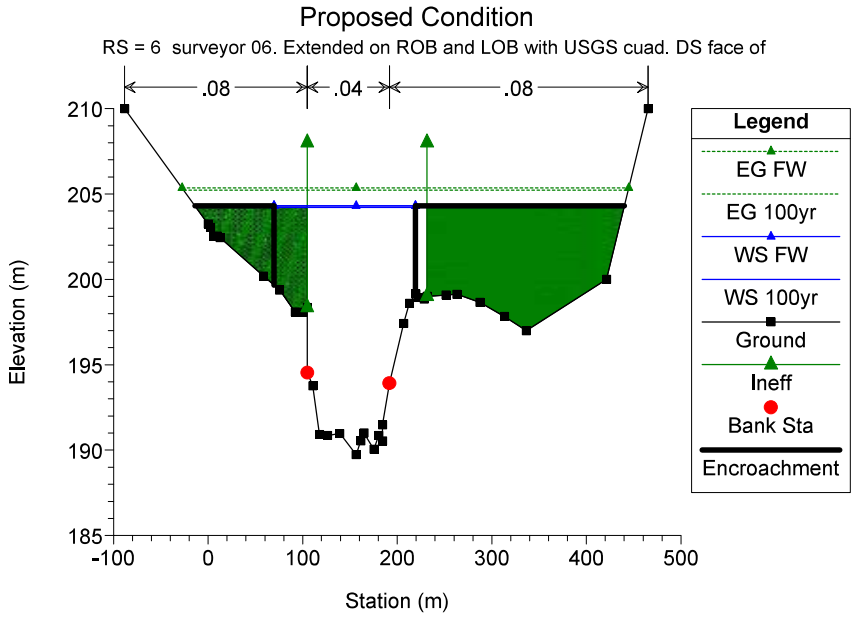

Proposed Condition
RS = 10 surveyor 10. Extended on ROB and LOB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment

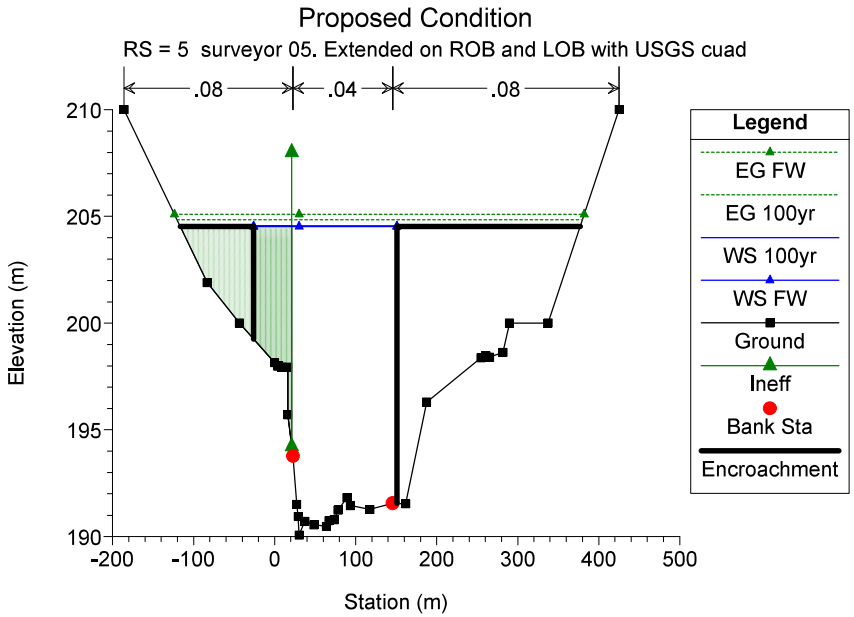

Proposed Condition
RS = 9 surveyor 09. Extended on ROB and LOB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment

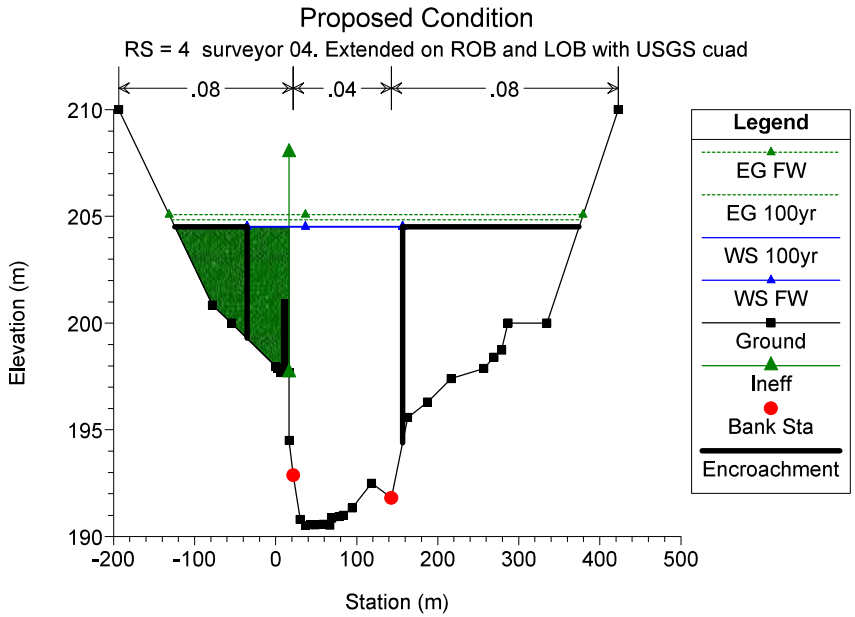

Proposed Condition
RS = 8 surveyor 08. Extended on ROB and LOB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment

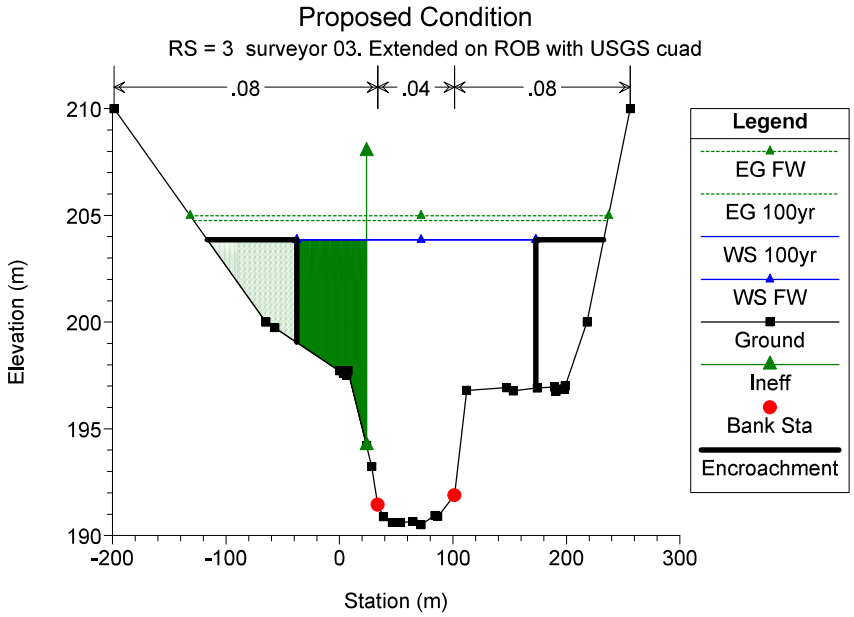

Proposed Condition
RS = 7 surveyor 07. Extended on ROB and LOB with USGS cuad. US face of
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Crit 100yr
Crit FW
Ground
Ineff
Bank Sta
Encroachment

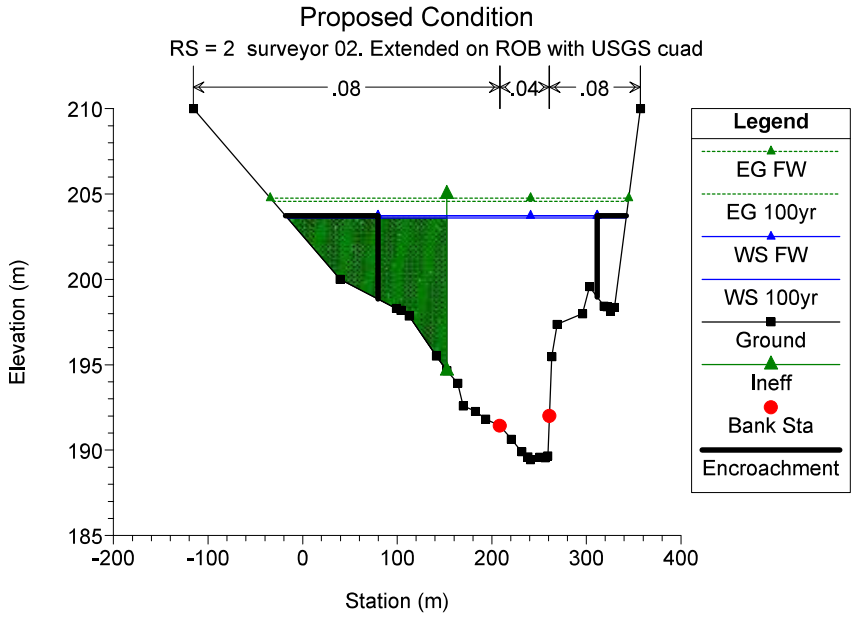

Proposed Condition
RS = 6.5 BR PR-774 bridge
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Crit 100yr
Crit FW
Ground
Ineff
Bank Sta
Encroachment

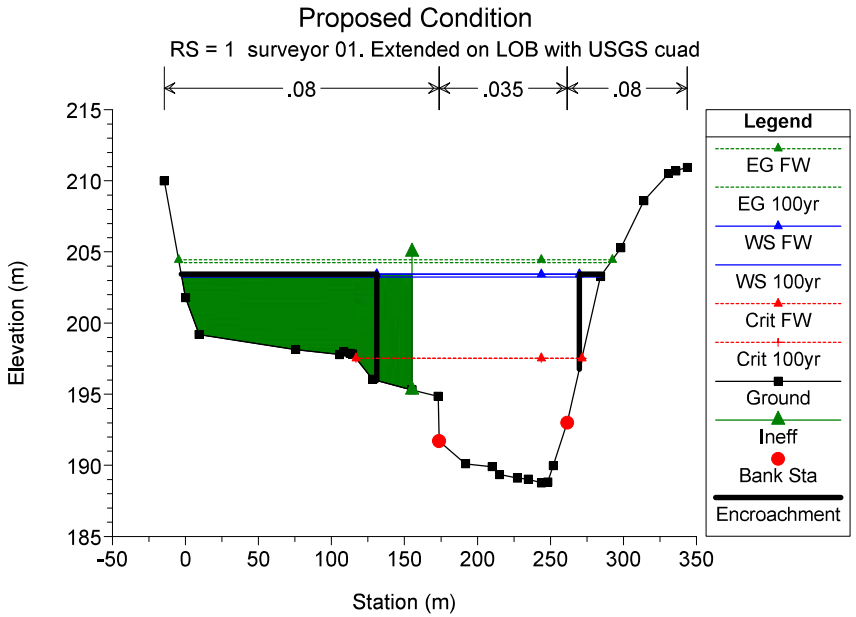

Proposed Condition
RS = 6 surveyor 06. Extended on ROB and LOB with USGS cuad. DS face of
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment

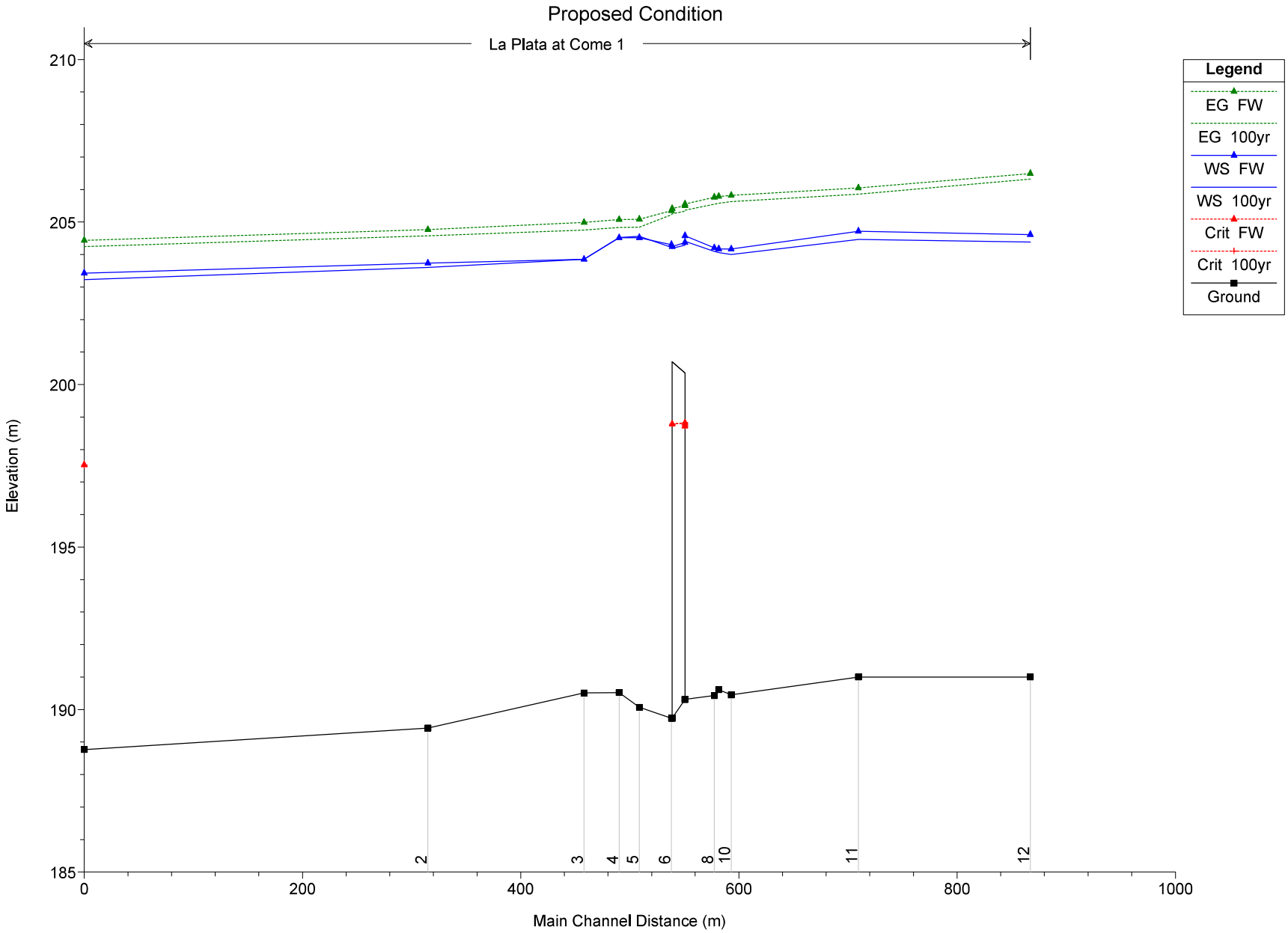

Proposed Condition
RS = 5 surveyor 05. Extended on ROB and LOB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS 100yr
WS FW
Ground
Ineff
Bank Sta
Encroachment


Proposed Condition
RS = 4 surveyor 04. Extended on ROB and LOB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS 100yr
WS FW
Ground
Ineff
Bank Sta
Encroachment


Proposed Condition
RS = 3 surveyor 03. Extended on ROB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS 100yr
WS FW
Ground
Ineff
Bank Sta
Encroachment


Proposed Condition
RS = 2 surveyor 02. Extended on ROB with USGS cuad
.08
.04
.08
Elevation (m)
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Ground
Ineff
Bank Sta
Encroachment


Proposed Condition
RS = 1 surveyor 01. Extended on LOB with USGS cuad
.08
.035
.08
Elevation (m)
215
210
205
200
195
190
185
-50
0
50
100
150
200
250
300
350
Station (m)
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Crit FW
Crit 100yr
Ground
Ineff
Bank Sta
Encroachment


Proposed Condition
La Plata at Come 1
Legend
EG FW
EG 100yr
WS FW
WS 100yr
Crit FW
Crit 100yr
Ground
Elevation (m)
Main Channel Distance (m)
210
205
200
195
190
185
0
200
400
600
800
1000
2
3
4
5
6
8
10
11
12