

**Environmental Review for Activity/Project that is Categorically  
Excluded Subject to Section 58.5**

Pursuant to 24 CFR 58.35(a)

**Project Information**

**Project Name:** Remodelación de la Plaza de Recreo y Quinto Centenario- PR-CRP-000528

**Responsible Entity:** Puerto Rico Department of Housing (PRDOH)

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

**State/Local Identifier:** Puerto Rico / Municipality of Cataño

**Preparer:** ERBA Arquitectos

**Certifying Officer Name and Title:**

Pedro de León Rodríguez - Permits and Environmental Compliance Specialist

**Consultant** (if applicable): Diatom Environmental Services, LLC

**Direct Comments to:** PRDOH: [environmentcdbg@vivienda.pr.gov](mailto:environmentcdbg@vivienda.pr.gov)

**Project Location:** Adjacent plazas across Avenida Barbosa, intersection with Calle Isidra Rodríguez, Cataño. Coordinates: 18.44098276, -66.11920823 and 18.44145418, -66.11925865. Cadaster numbers: 040-081-057-01 and 040-081-0043-10.

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

The proposed project, PR-CRP-000528, The improvements and remodeling of Plaza de Recreo and Plaza Quinto Centenario shall include construction or improvements of pedestrian crossings to increase pedestrian safety, construction and improvements to sidewalks around the squares to provide similar environment surroundings, and the rehabilitation of pedestrian or other areas. The project also includes urban mobility, like installing new fixed/permanent benches, installing fixed/permanent garbage stations, bike parking stations, and the rehabilitation, improvements, and construction of bus stops.

Other components include the reconstruction and improvements to the signage system of both squares affected by hurricanes Irma and Maria. And that is necessary for the safety and information of the user. The electrical system of the plazas will be improved with solar-powered LED luminaries. The project also includes planting and pruning green areas.

**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:** \$ 4,505,627.70

**Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]:** \$ 4,631,248.21.

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

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits 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
<b>No mitigation is required</b>		
<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6</b>		
<b>Airport Hazards</b>  24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is not located within an FAA-designated civilian airport Runway Clear Zone (RCA) or Runway Protection Zone, or within the military Airfield Clear Zone (CZ) or Accident Potential Zone/Approach Protection Zone (APZ), based upon information from the airport or military airfield administrator identifying the boundaries of such zones. The project site is 39,865 feet from the military (SJU-PRANG) and 8,471 feet from the civilian airport (Fernando Ribas Dominici (SIG).

		Therefore, the project complies with Airport Hazards requirements. See Attachment 1.2 for Map.
<b>Coastal Barrier Resources</b>  Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is not located in or adjacent to a CBRS Unit. The nearest unit is more than 23,800 feet to the West. This Project has no potential impact on the CBRS Unit and complies with the Coastal Barriers Resources Act. See Attachment 1.3 for Map.
<b>Flood Insurance</b>  Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is in a 100-year floodplain (flood zone AE) per Floodplain Insurance Map 72000C0355J, effective November 18, 2009. Flood insurance is not needed due to there being no structure on the project site. The project is not the floodway and consists of repairs to existing construction (including improvements) or reconstruction following the destruction caused by a disaster [24 Part 55.1 (c)(3)]. See Attachment 1.4 for Map.
<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 &amp; 58.5</b>		
<b>Clean Air</b>  Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project site is in the Barrio Pueblo of the Municipality of Cataño. There is an area of maintenance for PM-10 (1987 standard south of Plaza del Quinto Centenario. The immediate area is not currently listed as an area of non-compliance. EPA NEPA Assist or another official regulatory webpage. <a href="https://www.epa.gov/nepa/nepassist">https://www.epa.gov/nepa/nepassist</a> . EPA's Green Book was also reviewed to identify nonattainment areas; Cataño is listed for Sulphur Dioxide. However, the levels of this pollutant will not be increased and there will not be new source of pollution because the project consists of improvements to a pre-existing site. The data reviewed in this source was updated as of February 28, 2023. <a href="https://www3.epa.gov/airquality/greenbook/ancl.htm">https://www3.epa.gov/airquality/greenbook/ancl.htm</a> During construction, the contractor will implement controls for fugitive dust. This project complies with the Clean Air Act. See Attachment 1.5 for Map.
<b>Coastal Zone Management</b>  Coastal Zone Management Act, sections 307(c) & (d)	Yes    No <input checked="" type="checkbox"/> <input type="checkbox"/>	The Project site is located in a Coastal Zone. The scope of application or jurisdiction of the Coastal Zone Management Program is defined as one kilometer (1 km) strip inland, as well as additional distances to include key coastal natural systems. <a href="https://www.drna.pr.gov/historico/oficinas/arn/recursosvivos/costasreservasrefugios/pmzc/pmzc/pmzc2">https://www.drna.pr.gov/historico/oficinas/arn/recursosvivos/costasreservasrefugios/pmzc/pmzc/pmzc2</a>

		<p>009/PMZCPR%20espanol%202009-final.pdf. The Puerto Rico Planning Board issued a federal consistency certification on February 14, 2024. See Attachment 1.6 for the Coastal Zone Map and Attachment 1.6A for the Planning Board’s federal consistency certification.</p>
<p><b>Contamination and Toxic Substances</b></p> <p>24 CFR Part 50.3(i) &amp; 58.5(i)(2)</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>The proposed action will occur on existing sidewalks, streets, and neighborhoods built over 75 years ago. The NEPA Assistance Website was used to identify known contaminated landfills or other sites, properties, or emission sources within a one-mile radius. According to the information, this radius has five (5) RCRA generators including city halls, pump stations, medical centers and supermarkets. These RCRA sites are existing intermittent sources of pollution that will not impact the proposed action as they have existed for several years. The proposed action will not create addition loads of contaminants. The former San Juan landfill is located more than 4,000 feet from the construction area. Therefore, the proposed project activities do not include any contaminated materials, nor will there be any exposure to contaminated materials. or toxins from surrounding sites. There has been toxic releases more than 2,000 feet from the site. According to EPA’s Echo Report 1996 a release was documented for Easton Inc (FRS Id 110001142451) at Palo Seco. No impact is expected to the proposed site. Another report includes Messer Gas (Federal Id 00632PRTRCROAD8), located more than 4,000 feet southwest of the site. Reports for Lead and Asbestos are included. Some traces of LBP were found on curbsides painted with traffic yellow paint. Abatement activities will be performed before construction. Asbestos and Lead Base Paint (LBP) reports and map are included in the Attachment 1.7. No RECs were found on the proposed site.</p>
<p><b>Endangered Species</b></p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project does not meet the USFWS self-certification due to the proximity to wetlands. A memo (dated April 25, 2024) was prepared which concluded that the project has No Effect on the endangered Puerto Rican Boa and the threatened Antillean Manatee in the area. If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the DNER will be notified to relocate the Boa. Other species include Chelonia mydas (sea turtle), Dermochelys coriacea (Leatherback Sea turtle), Eretmochelys imbricata (sea turtle), Otoschulzia rhodoxylon (tree), Pelecanus occidentalis (tree), Peltophryne lemur (amphibian),</p>

		<p>Sterna dougallii (bird), and the Trichechus manatus manatus (mammal). There will be no impact to the habitat of these species. See Attachment 1.8 for IPaC report and No Effect determination memo.</p>
<p><b>Explosive and Flammable Hazards</b></p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project is located at an Acceptable Separation Distance (ASD) from any above-ground explosive or flammable fuels or chemicals containers according to 24 CFR 51C. The project does not include development, construction, rehabilitation that will increase residential densities, or conversion. Also, the project does not involve the development of a flammable or combustible chemical facility. The closest distance to sites containing flammable hazards (oil storage tanks, LPG and natural gas pipelines) is 1,200 feet to the west of the site. The project follows explosive and flammable hazard requirements according to HUD ASD tool (<a href="https://www.hudexchange.info/programs/environmental-review/asd-calculator/">https://www.hudexchange.info/programs/environmental-review/asd-calculator/</a>). Thus, the project is in compliance with explosive and flammable hazard requirements. See Attachment 1.9 for EER inspection report.</p>
<p><b>Farmlands Protection</b></p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The project site does not include prime or unique farmland, or other farmland of statewide or local importance as identified by the U.S. Department of Agriculture, Natural Resources Conservation Service NRCS (formerly the Soil Conservation Service). 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. <a href="https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm">https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm</a>. See Attachment 1.10 for Map.</p>
<p><b>Floodplain Management</b></p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes    No</p> <p><input checked="" type="checkbox"/>    <input type="checkbox"/></p>	<p>The project is in Flood zone VE and the Coastal zone A according to FEMA’s Advisory Base Flood Elevations (ABFE) map. The 8-step floodplain decision making process was performed for this project. The early floodplain notice was published on September 25, 2023, and the final floodplain notice was published on December 21, 2023. No comments were received. Please see Attachment 1.11 for the 8-step narrative, early and final floodplain notice, and no comments received certification. The improvements are generally</p>

		limited to remodeling of existing features and improvements to already existing components thereby limiting the increase in impervious surface.
<b>Historic Preservation</b>  National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes    No <input checked="" type="checkbox"/> <input type="checkbox"/>	Consultation was made with the Puerto Rico State Historic Preservation Office (SHPO) related to the proposed activities. Via letter dated on December 12, 2023, SHPO concurred with the determination of no adverse effect (NAED) upon historic properties. Therefore, the proposed action is in compliance with Section 106 of the NHP. This project complies with National Historic Preservation Act of 1966, particularly sections 106 and 110; See Attachment 1.12 for the Section 106 Determination Letter.
<b>Noise Abatement and Control</b>  Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project does not involve development of noise sensitive uses. 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.
<b>Sole Source Aquifers</b>  Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	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 Sole Source Aquifer requirements. See Attachment 1.13 for Map. Source documents: <a href="https://www.epa.gov/dwssa">https://www.epa.gov/dwssa</a> .
<b>Wetlands Protection</b>  Executive Order 11990, particularly sections 2 and 5	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The National Wetlands Inventory (NWI) mapping shows an estuarine and marine deep-water wetland. The distance from the project site to the wetland is approximately 100 feet by the north and east limits of the project site, but there would be no permanent or temporary impact to the riverine wetlands. All impact will be limited to the prior disturbed street area and that best management practices will be used to keep from impacting the nearby wetland. This project complies with Executive Order 11990. See Attachment 1.14 for Map.
<b>Wild and Scenic Rivers</b>  Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	Puerto Rico has only three Wild and Scenic Rivers which locates in the east side of Puerto Rico. The proposed project locates in the north side of Puerto Rico. There would be no impact to Wild and Scenic Rivers and complies with Wild and Scenic rivers Act of 1968. The distance to the Wild Scenic Rivers is 124,391 feet. See Attachment 1.15 for Map.

ENVIRONMENTAL JUSTICE		
<b>Environmental Justice</b>  Executive Order 12898	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project will benefit low- and moderate-income communities. Thus, there will be no disproportionate impact on these communities. No adverse environmental impacts were identified in the project's total environmental review. The project complies with Executive Order 12898.

**Field Inspection** (Date and completed by): Completed on June 9, 2023, by Diatom Environmental Services, LLC. See attachment 1.9 for a copy of the report.

**Summary of Findings and Conclusions:**

The proposed project is not expected to cause water quality problems at or around the construction site. Construction activities must implement the best management practices and will not imply discharges or sewage effluents to surface water bodies. The best engineering practices will be used during operation to preserve its current state.

**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.

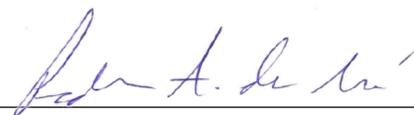
Law, Authority, or Factor	Mitigation Measure
Floodplain Management	The improvements are generally limited to remodeling of existing features and improvements to already existing components thereby limiting the increase in impervious surface.
Coastal Zone Management	Consistency Certificate with Coastal Zone Management Program. Compliance with Planning Regulation No. 13.
Endangered Species	Puerto Rican Boa Protection Guidance as required by the USFWS and DNER.
Section 106	There was a no adverse effect finding.
Lead-Based Paint	LBP abatement activities

**Determination:**

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

Preparer Signature:  Date: 7/19/2024

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

Certifying Officer Signature:  Date: 8/8/2024

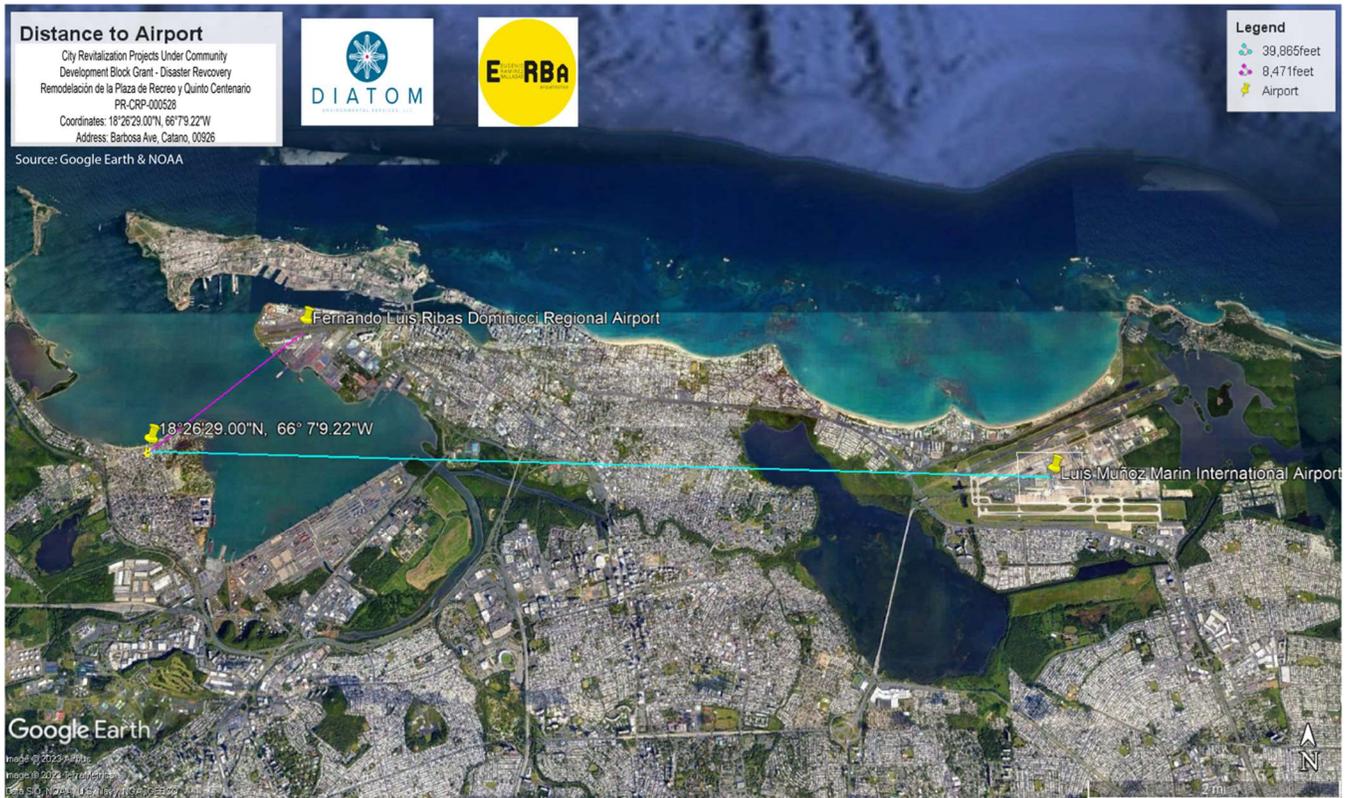
Name/Title: Pedro A. de León Rodríguez, MSEM/Permits and Environmental Compliance Specialist

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

1.2	Airport Hazards Map
1.3	Coastal Barrier Resources Map
1.4	Flood Insurance Map
1.5	Clean Air Map
1.6	Coastal Zone Management Map
1.6A	Puerto Rico Planning Board Federal Consistency Letter
1.7	Contamination and Toxic Substances Map
1.8	Endangered Species Maps and documents
1.9	Explosive and Flammable Hazards document: ACM/LEAD
1.10	Farmlands Protection Map
1.11	Floodplain Management 8-Steps
1.12	Historic Preservation documents
1.13	Sole Source Aquifers Map
1.14	Wetlands Protection Map
1.15	Wild and Scenic Rivers Map

## 1.2 Airport Hazards PR-CRP-000528

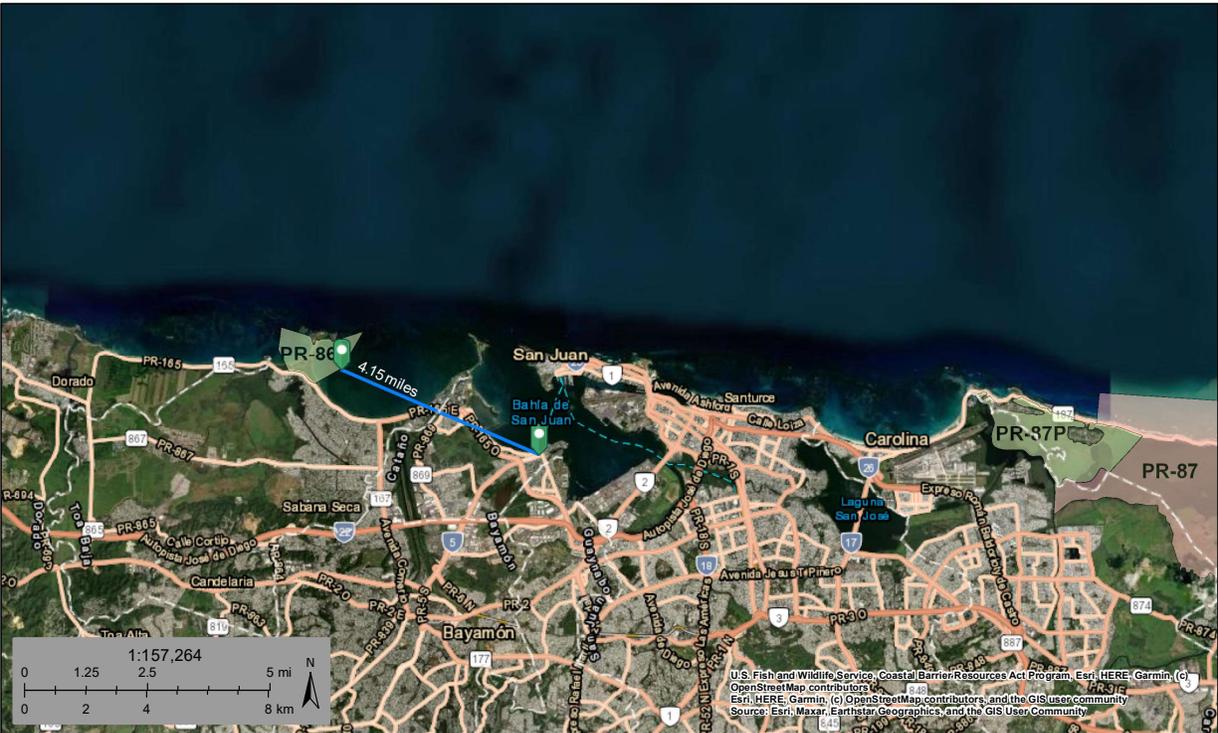


### 1.3 Coastal Barriers Resources PR-CRP-000528



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

City Revitalization Projects Under Community Development Block Grant - Disaster Recovery  
 Remodelación de la Plaza de Recreo y Quinto Centenario  
 PR-CRP-000528  
 Coordinates: 18°26'29.00"N, 66°79.22"W  
 Address: Barbosa Ave, Catano, 00926



July 10, 2024

CBRS Buffer Zone

**CBRS Units**

- Otherwise Protected Area
- System Unit



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

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

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward <https://fwsprimary.wim.usgs.gov/CBRSMapper-v2/> This page was produced by the CBRS Mapper

1.4 Flood Insurance PR-CRP-000528

# National Flood Hazard Layer FIRMette



## Legend

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

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE) Zone X, X-500
- With BFE or Depth Zone AE, AO, AH, VE, VE, AV
- Regulatory Floodway
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

**OTHER AREAS OF FLOOD HAZARD**

- No SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D

**OTHER AREAS**

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

**GENERAL STRUCTURES**

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

**OTHER FEATURES**

- Digital Data Available
- No Digital Data Available
- Unmapped

**MAP PANELS**

- 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 7/10/2024 at 7:53 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

<https://msc.fema.gov/portal/home>



# 1.6 Coastal Zone Management PR-CRP-000528



**GOVERNMENT OF PUERTO RICO  
PUERTO RICO PLANNING BOARD**

**February 14, 2024**

**Federal Consistency Certification with the  
Puerto Rico Coastal Zone Management Program  
CZ-2024-0131-108  
Federal Assistance with CDBG funds, City Revitalization Program (CRP)  
Remodeling of "Plaza de Recreo" and "Plaza del Quinto Centenario"  
PR-CRP-000488**

**RESOLUTION**

TO NOTIFY PARTIES ABOUT THE ISSUANCE OF A FEDERAL CONSISTENCY  
CERTIFICATE ACCORDING TO THE COASTAL ZONE MANAGEMENT ACT  
FEDERAL CONSISTENCY REGULATIONS, 15 CFR Part 930

The PR Department of Housing submitted the application of reference to obtain federal assistance from the CDBG-DR funds through the City Revitalization Program. The proposed project consists of remodeling of two adjacent public squares named "Plaza de Recreo" and "Plaza del Quinto Centenario". These squares are located on both sides of Avenida Barbosa, south of the public walkway in Catafio Town.

The proposed remodeling works include but are not limited to:

1. Construction or improvements of crosswalks to increase pedestrian safety.
2. Construction or improvements of sidewalks around the squares to provide a similar environment in their surroundings.
3. Rehabilitation of pedestrian accesses or other areas.
  - a. Cleaning of any other pedestrian or non-pedestrian surfaces that will not be replaced or impacted using pressure washing and/or other cleaning products.
  - b. Pavement marking bases and/or poles and other obstacles should be removed or replaced if necessary. Areas to be rehabilitated with a homogeneous finish to the surrounding areas.
4. Any required work to guarantee safety of users.
5. Construction of new structures or improvements to existing ones according to proposed uses.
6. Ornamental structures.
7. Construction of a stage for cultural events.
8. Building of a roof for domino players.
9. Construction of an ornamental and recreational water fountain.
10. Construction of a covered pergola for the use of street vendors.
11. Construction of planters and planting areas.
12. Construction of a structure for the sale of coffee.
13. Total resurfacing of the squares.
14. Removal of debris and damaged utilities in disuse.
15. Painting of architectural elements to remain.
16. Street Furniture:
  - a. Installation of new fixed/permanent benches.
  - b. Installation of fixed/permanent garbage stations.
  - c. Rehabilitation, improvements, and/or construction of bus stops.

17. Reconstruction and improvements to the signaling system of both plazas, which was affected by hurricanes Irma and Maria, and is necessary for the safety and information of the user. Improvements to the signaling system should provide a sense of place and direction, "placemaking & wayfinding".
18. Lighting design and general improvements to the public squares electrical system will include installation of new LED luminaires preferably powered by solar energy and with a photosensor for automatic operation.
19. Cutting and pruning of trees and green areas, and reforestation of green areas that were affected by Hurricane Maria.

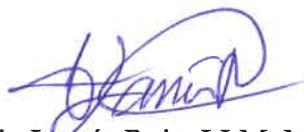
As part of the completed evaluation, the Puerto Rico Planning Board made the following findings:

- The PR Permit Management Office (OGPe) in their answer to the Pre-Consultation Number 2023-478340-PCE-023977 concluded that the proposed works for this project as described does not require a construction permit according to the "PR Joint Regulation for the Evaluation and Expedition of Permits Related to Development, Land Use and Operation of Business" (PR Joint Regulation).
- The proposed project is located within an "AE" and "Coastal A" Flood Risk Zone. Therefore, it must comply with the PR Planning Board Special Flood Hazard Areas Regulation (Planning Regulation No. 13).
- The OGPe Division of Environmental Compliance and Endorsements (DECA) of the PR Permit Management Office emitted the required environmental compliance endorsement for this project through a "Categorical Exclusion" on June 12, 2023, according to the PR Environmental Policy Law (Law Number 416 of September 22, 2004).
- The Puerto Rico Culture Institute in their letter of September 27, 2023, emitted a favorable recommendation for the preliminary design stage.
- The PR State Historic Preservation Office (SHPO) in their letter dated July 21, 2023, concurred with the finding that the proposed project will have no adverse effect within the area of potential effects.

Considering the above-mentioned findings, the Puerto Rico Planning Board (PRPB) in its meeting held on February 14, 2024, **determined that the federal assistance with CDBG funds to be awarded through the City Revitalization Program (CRP) for the project named "Remodelación de la Plaza de Recreo y Quinto Centenario"(PR-CRP-000528)" is consistent with the PR Coastal Zone Management Program Policies.**

This certification does not exempt the project from complying with other required federal or state permits and endorsements.

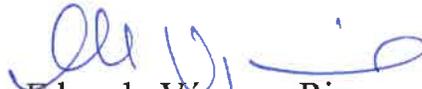
The following parties shall be notified: Angel G. López Guzmán, Permits and Environmental Compliance, PR Housing Department; Julio Alicea Vasallo, Major, Municipality of Cataño; Magaly Massanet, PRCZMP Office, DNER.



Julio Lassús Ruiz, LLM, MP, PPL  
President

**Certify:** That this Resolution is copy of the agreement adopted by Puerto Rico Planning Board (PRPB) in its meeting held on **February 14, 2024**. I issue and notify a copy of this resolution to the parties under my signature and the official stamp of the Puerto Rico Planning Board.

In San Juan, Puerto Rico, today FEB 21 2024

  
Edgardo Vázquez Rivera  
Acting Secretary





## ERRATA SHEET

### PUERTO RICO DEPARTMENT OF HOUSING DISASTER RECOVERY OFFICE PERMITS AND ENVIRONMENTAL COMPLIANCE DIVISION

In reference to the Federal Consistency Resolution submitted by the Puerto Rico Planning Board, in regard to the CDBG-DR City Revitalization Program, *Remodelación de la Plaza de Recreo y Quinto Centenario* (PR-CRP-000528) project, due to material error, it is modified with the following wording:

Page	Reads	Should Read
Page 1, Subject	Federal Consistency Certification with the Puerto Rico Coastal Zone Management Program CZ-2024-0131-108 Federal Assistance with CDBG funds, City Revitalization Program (CRP) Remodeling of "Plaza de Recreo" and "Plaza del Quinto Centenario" <b>PR-CRP-000488</b>	Federal Consistency Certification with the Puerto Rico Coastal Zone Management Program CZ-2024-0131-108 Federal Assistance with CDBG funds, City Revitalization Program (CRP) Remodeling of "Plaza de Recreo" and "Plaza del Quinto Centenario" <b>PR-CRP-000528</b>

Angel G. Lopez-Guzmán

Deputy Director

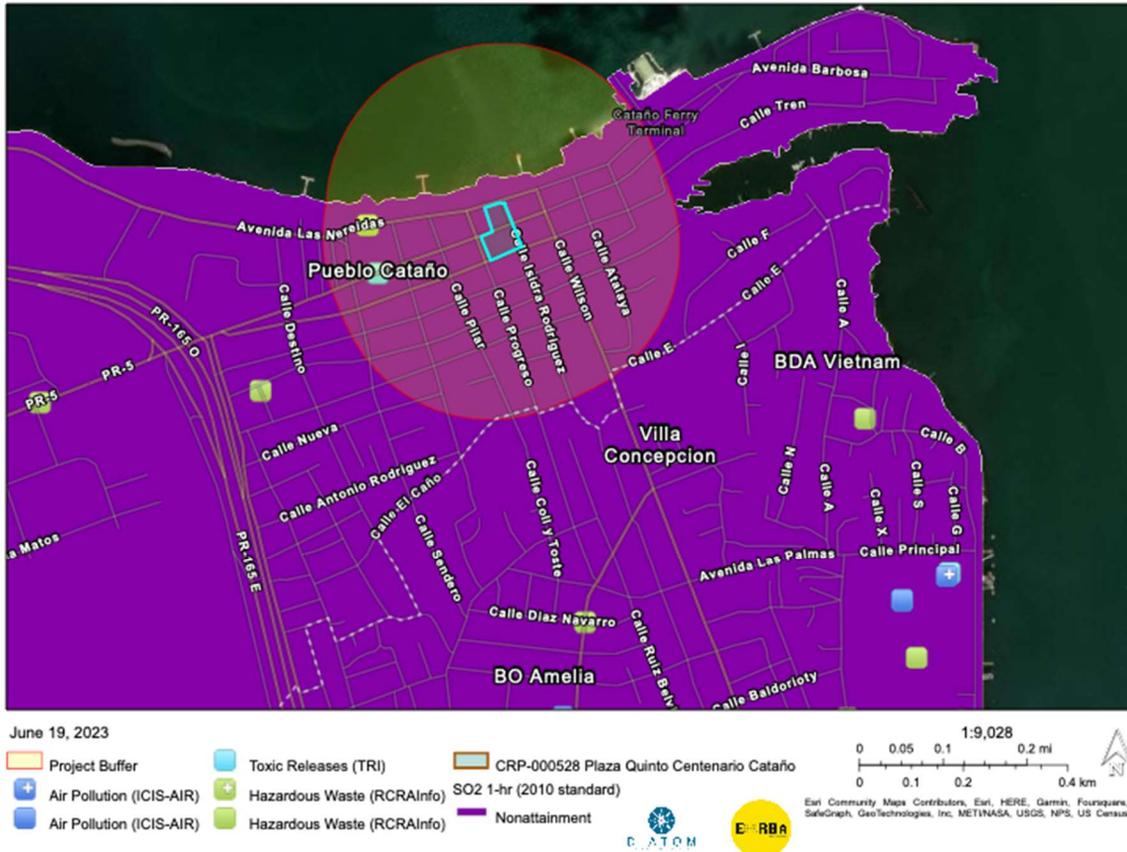
Permits and Environmental Compliance Division

Disaster Recovery Office

[environmentcdbg@vivienda.pr.gov](mailto:environmentcdbg@vivienda.pr.gov) / 787.274.2527 ext. 4320

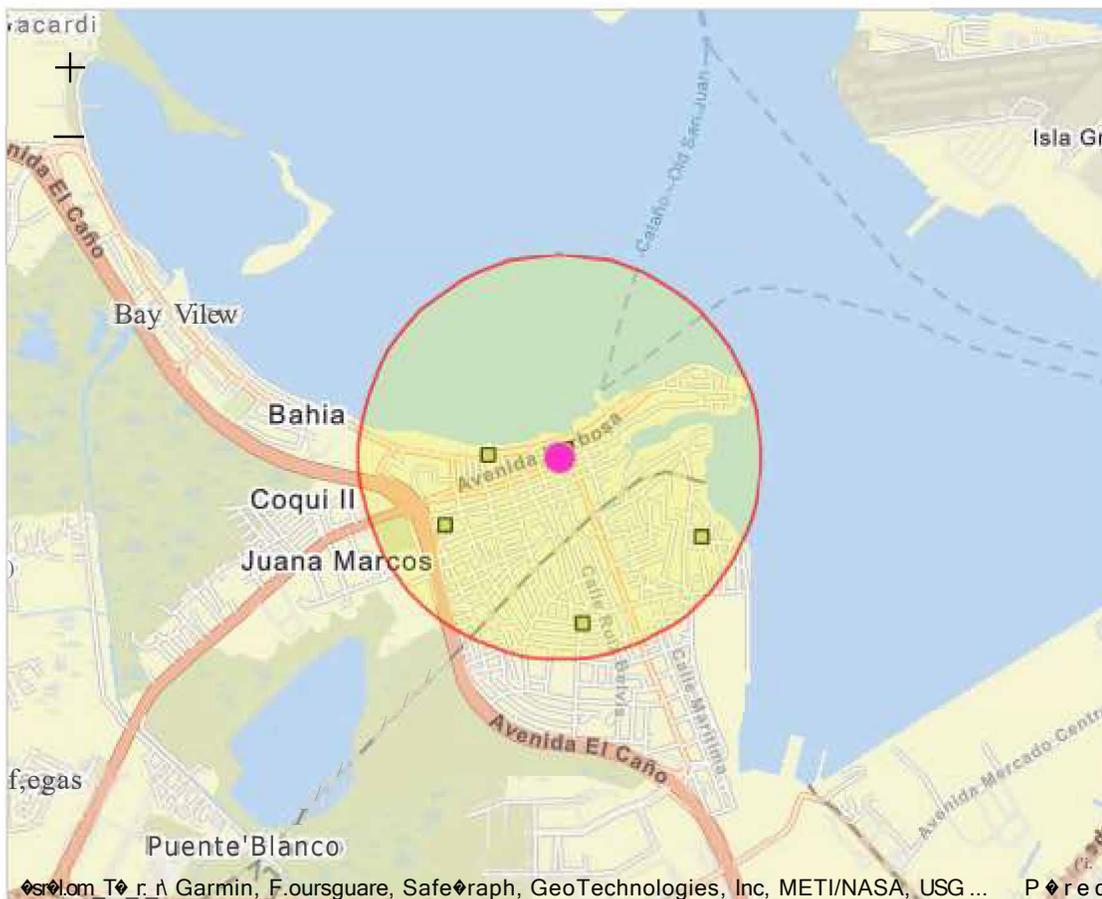
1.7 Contamination and Toxic Substances PR-CRP-000528

CRP-000528 Plaza Quinto Centenario



Remodelacion de la Plaza de Recreo y Quinto Centenario (PR-CRP-000528)

Coordinates: 18.4413889, -66.11922778, Barbosa Avenue, Catano, 00926



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

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

13000      feet      VI      Submit

Name	Distance
<input checked="" type="checkbox"/> MUNICIPIO DE CATANO (CATANO,PR) ( <a href="https://ofmpub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=PRR000017954">https://ofmpub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=PRR000017954</a> )	1068.92 feet
<input type="checkbox"/> PRASA SIDERURGICA PUMP STA BAYAMON WWTP 0023728 (CATANO,PR) ( <a href="https://ofmpub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=PRR000002394">https://ofmpub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=PRR000002394</a> )	1989.31 feet
<input type="checkbox"/> GUAYNABO MUNICIPALITY CITY HALL (GUAYNABO,PR) ( <a href="https://ofmpub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=PRN008020281">https://ofmpub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=PRN008020281</a> )	2493.05 feet
<input type="checkbox"/> WARNER - LAMBERT MEDIS DIST CENTER (GUAYNABO,PR) ( <a href="https://ofmpub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=PRR000005140">https://ofmpub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=PRR000005140</a> )	2419.17 feet
<input checked="" type="checkbox"/> AMIGO SUPERMARKET #3664 (CATANO,PR) ( <a href="https://ofmpub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=PRR000019927">https://ofmpub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=PRR000019927</a> )	143.13 feet



# Detailed Facility Report

## Facility Summary

**MUNICIPIO DE CATANO**

**96 AVE LAS NEREIDAS - BOX 428, CATANO, PR 00963**

**FRS (Facility Registry Service) ID:** 110024258596

**EPA Region:** 02

**Latitude:** 18.441293

**Longitude:** -66.121707

**Locational Data Source:** FRS

**Industries:** Executive, Legislative, and Other General Government Support

**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, (PRR000017954)

**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		110024258596					N	18.441293	-66.121707
RCRAInfo	RCRA	PRR000017954	Other	Inactive ( )			N		

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110024258596	MUNICIPIO DE CATANO	96 AVE LAS NEREIDAS - BOX 428, CATANO, PR 00963	Cataño Municipio
RCRAInfo	RCRA	PRR000017954	MUNICIPIO DE CATANO	96 AVE LAS NEREIDAS - BOX 428, CATANO, PR 00963	Cataño 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	PRR000017954	92119	Other General Government Support

### 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	PRR000017954	No	07/13/2024	0	07/12/2024

### Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11
RCRA (Source ID: PRR000017954)		07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24
	Facility-Level Status	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
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No data records returned

### Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	No	--	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

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

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

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

Chemical Name
---------------

No data records returned

Community

### Environmental Justice

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

#### Potential Environmental Justice Concerns

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

#### EJScreen Indexes Shown

Index Type

#### Related Reports

EJScreen Community Report

[Download Data](#)

Census Block Group ID: 720330202002	US (Percentile)			State (Percentile)		
	Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg
Count of Indexes At or Above 90th Percentile	8	9	10	4	5	8
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	98	98	99	94	97	99
Air Toxics Cancer Risk	53	70	86	57	0	97
Air Toxics Respiratory Hazard Index	35	65	95	58	97	99
Toxic Releases to Air	98	99	99	69	87	97
Traffic Proximity	98	99	99	73	91	97
Lead Paint	98	98	99	81	85	97
Risk Management Plan (RMP) Facility Proximity	99	99	99	92	97	99
Hazardous Waste Proximity	99	99	99	93	97	99
Superfund Proximity	97	99	99	51	64	80
Underground Storage Tanks (UST)	99	96	99	90	70	98
Wastewater Discharge	81	95	99	9	33	93

Map Display Based on:  US  State

Display Map Layer: Summary - Number of Indexes

Facility 1-mile Radius  Facility Census Block Group



### Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (U.S. Census)	
Total Persons	16,310
Population Density	9,808/sq.mi.
Housing Units in Area	6,961

General Statistics (ACS (American Community Survey))	
Total Persons	12,498
Percent People of Color	99%
Households in Area	4,818
Households on Public Assistance	668
Persons With Low Income	10,376
Percent With Low Income	83%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.441293
Center Longitude	-66.121707
Land Area	54%
Water Area	46%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	2,538 (52.72%)
\$15,000 - \$25,000	923 (19.17%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	1,056 (6%)
Minors 17 years and younger	4,261 (26%)
Adults 18 years and older	12,049 (74%)
Seniors 65 years and older	2,348 (14%)

Race Breakdown (U.S. Census) - Persons (%)	
White	10,721 (66%)
African-American	2,831 (17%)
Hispanic-Origin	16,153 (99%)
Asian/Pacific Islander	36 (0%)
American Indian	201 (1%)
Other/Multiracial	2,521 (15%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,810 (20.02%)
9th through 12th Grade	1,071 (11.84%)
High School Diploma	3,404 (37.65%)
Some College/2-year	943 (10.43%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,068 (11.81%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
\$25,000 - \$50,000	908 (18.86%)
\$50,000 - \$75,000	254 (5.28%)
Greater than \$75,000	191 (3.97%)

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# Detailed Facility Report

## Facility Summary

**PRASA SIDERURGICA PUMP STA BAYAMON WWTP  
0023728**

**PR-869 KM 1.7 A ST LAS PALMAS DEVELOPMENT,  
CATANO, PR 00962**

**FRS (Facility Registry Service) ID:** 110010624324

**EPA Region:** 02

**Latitude:** 18.438426

**Longitude:** -66.123566

**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	--
<b>Compliance Status</b>	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, (PRR000002394)

**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		110010624324					N	18.438426	-66.123566
ICIS		40847					N	18.422923	-66.14532
RCRAInfo	RCRA	PRR000002394	Other	Inactive ( )			N		

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110010624324	PRASA SIDERURGICA PUMP STA BAYAMON WWTP 0023728	PR-869 KM 1.7 A ST LAS PALMAS DEVELOPMENT, CATANO, PR 00962	Cataño Municipio
ICIS		40847	PRASA SIDERURGICA PUMP STA BAYAMON WWTP 0023728	RD 869 KM 1.7 A ST LAS PALMAS DEVELOPMENT, CATANO, PR 00962	Cataño Municipio
RCRAInfo	RCRA	PRR000002394	PR AQUEDUCT & SEWER AUTH - BAYAMON STP	PR 869 BO PALMAS, CATANO, PR 00962	Cataño Municipio

### Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

### Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

### Facility Tribe Information

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

### Enforcement and Compliance

### Compliance Monitoring History

Last 5 Years

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

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

### Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000002394	No	07/13/2024	0	07/12/2024

### Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11
RCRA (Source ID: PRR000002394)		07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24
	Facility-Level Status	No Violation Identified										
	Violation											
	Agency											

### Informal Enforcement Actions

Last 5 Years

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

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

### Formal Enforcement Actions

Last 5 Years

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

### Environmental Conditions

### Watersheds

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

No data records returned

## Assessed Waters From Latest State Submission (ATTAINS)

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

## Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	No	--	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

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

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

No data records returned

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

Chemical Name
---------------

No data records returned

Community

## Environmental Justice

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

### Potential Environmental Justice Concerns

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

### EJScreen Indexes Shown

Index Type Supplemental (default) ▾

### Related Reports

EJScreen Community Report

[Download Data](#)

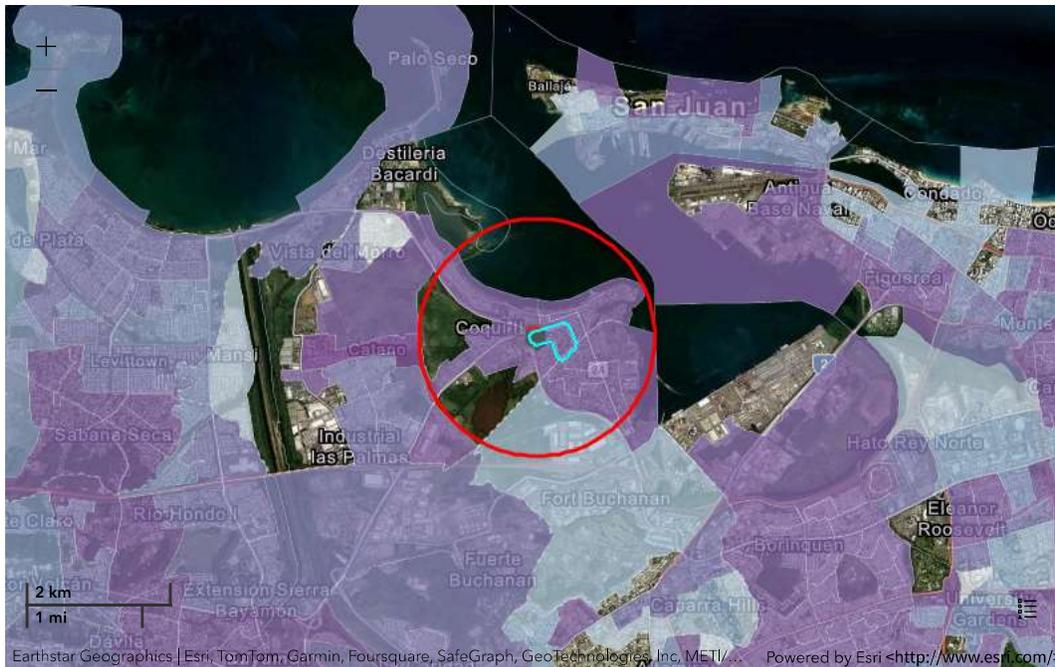
Census Block Group ID: 720330202003	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
<b>Count of Indexes At or Above 90th Percentile</b>	8	9	10	5	5	8
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	99	98	99	97	97	99
Air Toxics Cancer Risk	54	69	86	76	0	97
Air Toxics Respiratory Hazard Index	37	65	95	76	97	99
Toxic Releases to Air	99	99	99	83	87	97
Traffic Proximity	99	99	99	92	91	97
Lead Paint	90	98	99	60	85	97
Risk Management Plan (RMP) Facility Proximity	99	99	99	96	97	99
Hazardous Waste Proximity	99	99	99	97	97	99

Census Block Group ID: 720330202003	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Superfund Proximity	99	99	99	62	65	80
Underground Storage Tanks (UST)	99	95	99	94	68	98
Wastewater Discharge	88	95	98	12	33	57

Map Display Based on:  US  State

Display Map Layer: Summary - Number of Indexes

Facility 1-mile Radius  Facility Census Block Group



### Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (U.S. Census)	
Total Persons	16,690
Population Density	7,873/sq.mi.
Housing Units in Area	7,111

General Statistics (ACS (American Community Survey))	
Total Persons	12,988
Percent People of Color	99%
Households in Area	5,003
Households on Public Assistance	694
Persons With Low Income	10,776
Percent With Low Income	83%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.438426
Center Longitude	-66.123566

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	1,081 (6%)
Minors 17 years and younger	4,357 (26%)
Adults 18 years and older	12,333 (74%)
Seniors 65 years and older	2,395 (14%)

Race Breakdown (U.S. Census) - Persons (%)	
White	10,968 (66%)
African-American	2,872 (17%)
Hispanic-Origin	16,530 (99%)
Asian/Pacific Islander	36 (0%)
American Indian	210 (1%)
Other/Multiracial	2,604 (16%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,876 (19.94%)
9th through 12th Grade	1,133 (12.04%)

Geography	
Land Area	67%
Water Area	33%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	2,614 (52.24%)
\$15,000 - \$25,000	964 (19.26%)
\$25,000 - \$50,000	958 (19.14%)
\$50,000 - \$75,000	266 (5.32%)
Greater than \$75,000	202 (4.04%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
High School Diploma	3,534 (37.56%)
Some College/2-year	975 (10.36%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,128 (11.99%)



# Detailed Facility Report

## Facility Summary

**GUAYNABO MUNICIPALITY CITY HALL**

**CALLE DIAZ NAVARRO, GUAYNABO, PR 00970**

**FRS (Facility Registry Service) ID:** 110038393798

**EPA Region:** 02

**Latitude:** 18.43441

**Longitude:** -66.11765

**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	10/02/2008
<b>Compliance Status</b>	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, (PRN008020281)

**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		110038393798					N	18.43441	-66.11765
ICIS		1400015164					N	18.43441	-66.11765
RCRAInfo	RCRA	PRN008020281	VSQG	Active (H)			N	18.434459	-66.118241

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110038393798	GUAYNABO MUNICIPALITY CITY HALL	CALLE DIAZ NAVARRO, GUAYNABO, PR 00970	Guaynabo Municipio
ICIS		1400015164	GUAYNABO MUNICIPALITY CITY HALL	CALLE DIAZ NAVARRO, GUAYNABO, PR 00970	Guaynabo Municipio
RCRAInfo	RCRA	PRN008020281	GUAYNABO MUNICIPALITY CITY HALL	CALLE DIAZ NAVARRO, GUAYNABO, PR 00970	Guaynabo Municipio

### Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

### Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

### Facility Tribe Information

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

### Enforcement and Compliance

### Compliance Monitoring History

Last 5 Years

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

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

### Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRN008020281	No	07/13/2024	0	07/12/2024

### Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11
RCRA (Source ID: PRN008020281)		07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24
	Facility-Level Status	No Violation Identified										
	Violation											
	Agency											

### Informal Enforcement Actions

Last 5 Years

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

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

### Formal Enforcement Actions

Last 5 Years

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

### Environmental Conditions

### Watersheds

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

No data records returned

## Assessed Waters From Latest State Submission (ATTAINS)

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

## Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	No	--	No	--
Particulate Matter	No	--	Yes	PM-10 (1987)
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

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

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

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

Chemical Name
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No data records returned

Community

## Environmental Justice

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



### Potential Environmental Justice Concerns

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

### EJScreen Indexes Shown

Index Type

### Related Reports

EJScreen Community Report

[Download Data](#)

Census Block Group ID: 720610401021	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
<b>Count of Indexes At or Above 90th Percentile</b>	9	9	10	5	5	8
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	98	98	99	97	97	99
Air Toxics Cancer Risk	54	72	86	74	0	97
Air Toxics Respiratory Hazard Index	37	68	95	74	97	99
Toxic Releases to Air	99	99	99	86	86	97
Traffic Proximity	99	99	99	81	91	97
Lead Paint	99	98	99	93	83	97
Risk Management Plan (RMP) Facility Proximity	99	99	99	96	97	99
Hazardous Waste Proximity	99	99	99	97	97	99

Census Block Group ID: 720610401021	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Superfund Proximity	98	99	99	60	63	80
Underground Storage Tanks (UST)	99	97	99	96	72	98
Wastewater Discharge	96	95	99	42	34	93

Map Display Based on:  US  State

Display Map Layer: Summary - Number of Indexes

Facility 1-mile Radius  Facility Census Block Group



### Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (U.S. Census)	
Total Persons	17,019
Population Density	7,897/sq.mi.
Housing Units in Area	6,655

General Statistics (ACS (American Community Survey))	
Total Persons	12,396
Percent People of Color	99%
Households in Area	4,751
Households on Public Assistance	666
Persons With Low Income	10,216
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.43441
Center Longitude	-66.11765

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	1,044 (6%)
Minors 17 years and younger	4,173 (25%)
Adults 18 years and older	12,846 (75%)
Seniors 65 years and older	2,212 (13%)

Race Breakdown (U.S. Census) - Persons (%)	
White	11,130 (65%)
African-American	3,233 (19%)
Hispanic-Origin	16,788 (99%)
Asian/Pacific Islander	40 (0%)
American Indian	202 (1%)
Other/Multiracial	2,415 (14%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,872 (20.82%)
9th through 12th Grade	1,081 (12.02%)

Geography	
Land Area	68%
Water Area	32%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	2,507 (52.75%)
\$15,000 - \$25,000	901 (18.96%)
\$25,000 - \$50,000	887 (18.66%)
\$50,000 - \$75,000	260 (5.47%)
Greater than \$75,000	198 (4.17%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
High School Diploma	3,311 (36.82%)
Some College/2-year	942 (10.47%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,112 (12.37%)



# Detailed Facility Report

## Facility Summary

**WARNER - LAMBERT MEDIS DIST CENTER**

**CALLE D LOTE 21, GUAYNABO, PR 00965**

**FRS (Facility Registry Service) ID:** 110004893027

**EPA Region:** 02

**Latitude:** 18.437945

**Longitude:** -66.112541

**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	10/14/2008
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, (PRR000005140)

**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		110004893027					N	18.437945	-66.112541
RCRAInfo	RCRA	PRR000005140	Other	Inactive ( )			N		

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004893027	WARNER - LAMBERT MEDIS DIST CENTER	CALLE D LOTE 21, GUAYNABO, PR 00965	Guaynabo Municipio
RCRAInfo	RCRA	PRR000005140	WARNER - LAMBERT MEDIS DIST CENTER	CALLE D LOTE 21, GUAYNABO, PR 00965	Guaynabo 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	PRR000005140	No	07/13/2024	0	07/12/2024

### Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11
RCRA	(Source ID: PRR000005140)	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24
	Facility-Level Status	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
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No data records returned

## Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No	--	No	--
Lead	No	--	No	--
Particulate Matter	No	--	Yes	PM-10 (1987)
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

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

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

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

Chemical Name
---------------

No data records returned

Community

## Environmental Justice

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

### Potential Environmental Justice Concerns

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

### EJScreen Indexes Shown

Index Type Supplemental (default) ▾

### Related Reports

EJScreen Community Report

[Download Data](#)

Census Block Group ID: 720610401011	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
<b>Count of Indexes At or Above 90th Percentile</b>	9	9	10	7	5	8
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	99	98	99	99	97	99
Air Toxics Cancer Risk	55	54	86	91	74	97
Air Toxics Respiratory Hazard Index	95	73	95	99	97	99
Toxic Releases to Air	99	99	99	92	85	97
Traffic Proximity	99	99	99	78	90	97
Lead Paint	88	98	99	51	82	97
Risk Management Plan (RMP) Facility Proximity	99	99	99	99	96	99
Hazardous Waste Proximity	99	99	99	99	97	99

Census Block Group ID: 720610401011	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Superfund Proximity	99	99	99	67	61	80
Underground Storage Tanks (UST)	99	99	99	98	84	98
Wastewater Discharge	97	95	99	39	35	93

Map Display Based on:  US  State

Display Map Layer: Summary - Number of Indexes

Facility 1-mile Radius  Facility Census Block Group



### Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (U.S. Census)	
Total Persons	13,073
Population Density	9,252/sq.mi.
Housing Units in Area	5,657

General Statistics (ACS (American Community Survey))	
Total Persons	10,825
Percent People of Color	99%
Households in Area	4,141
Households on Public Assistance	516
Persons With Low Income	8,817
Percent With Low Income	82%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.437945
Center Longitude	-66.112541

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	818 (6%)
Minors 17 years and younger	3,248 (25%)
Adults 18 years and older	9,825 (75%)
Seniors 65 years and older	1,997 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	8,576 (66%)
African-American	2,420 (19%)
Hispanic-Origin	12,944 (99%)
Asian/Pacific Islander	33 (0%)
American Indian	148 (1%)
Other/Multiracial	1,897 (15%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,684 (21.1%)
9th through 12th Grade	941 (11.79%)

Geography	
Land Area	45%
Water Area	55%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	2,116 (51.11%)
\$15,000 - \$25,000	817 (19.73%)
\$25,000 - \$50,000	798 (19.28%)
\$50,000 - \$75,000	240 (5.8%)
Greater than \$75,000	169 (4.08%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
High School Diploma	2,912 (36.49%)
Some College/2-year	860 (10.78%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	973 (12.19%)



# Detailed Facility Report

## Facility Summary

**AMIGO SUPERMARKET #3664**

**1936 AVE BARBOSA & CALLE WILSON,  
CATANO, PR 00962**

**FRS (Facility Registry Service) ID:** 110031281789

**EPA Region:** 02

**Latitude:** 18.44153

**Longitude:** -66.11838

**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	--
<b>Compliance Status</b>	<b>No Violation Identified</b>
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, (PRR000019927)

## Other Regulatory Reports

**Air Emissions Inventory (EIS):** No Information

**Greenhouse Gas Emissions (eGGRT):** No Information

**Toxic Releases (TRI):** No Information

**Safe Drinking Water Act (SDWA):** 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	Area	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110031281789					N	18.44153	-66.11838
ICIS		1400001421					N	18.44153	-66.11838
RCRAInfo	RCRA	PRR000019927	V5QG	Active (H)			N	18.441531	-66.118379

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110031281789	AMIGO SUPERMARKET #3664	1936 AVE BARBOSA & CALLE WILSON, CATANO, PR 00962	Cataño Municipio
ICIS		1400001421	AMIGO SUPERMARKET #3664	1936 AVENIDA BARBOSA ESQ WILSON, CATANO, PR 00725	Cataño Municipio
RCRAInfo	RCRA	PRR000019927	AMIGO SUPERMARKET #3664	1936 AVENIDA BARBOSA ESQ WILSON, CATANO, PR 00725	Cataño 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 SMC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000019927	No	06/22/2024	0	06/21/2024

### 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: PRR000019927)		07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23	10/01-12/31/23	01/01-03/31/24	04/01-06/30/24
	Facility-Level Status	No Violation Identified											
	Violation												
	Agency												

### Informal Enforcement Actions

Last 5 Years

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

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

### Formal Enforcement Actions

Last 5 Years

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

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)
Ozone	No	--	No	--
Lead	No	--	No	--

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	Yes	Sulfur Dioxide (2010)	No	--

Pollutants

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

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

No data records returned

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

Chemical Name
---------------

No data records returned

Community

### Environmental Justice

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

**Potential Environmental Justice Concerns**

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

**EJScreen Indexes Shown**

Index Type

**Related Reports**

EJScreen Community Report

[Download Data](#)

Census Block Group ID: 720330202002	US (Percentile)			State (Percentile)		
	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	8	9	10	4	5	8
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	● 98	● 98	● 99	● 94	● 98	● 99
Air Toxics Cancer Risk	53	71	86	57	0	● 97
Air Toxics Respiratory Hazard Index	35	66	● 95	58	● 97	● 99
Toxic Releases to Air	● 98	● 99	● 99	69	87	● 97
Traffic Proximity	● 98	● 99	● 99	73	● 91	● 97
Lead Paint	● 98	● 98	● 99	81	85	● 97
Risk Management Plan (RMP) Facility Proximity	● 99	● 99	● 99	● 92	● 97	● 99
Hazardous Waste Proximity	● 99	● 99	● 99	● 93	● 97	● 99
Superfund Proximity	● 97	● 99	● 99	51	64	80
Underground Storage Tanks (UST)	● 99	● 96	● 99	● 90	71	● 98
Wastewater Discharge	81	● 95	● 99	9	33	● 93

Map Display Based on:  US  State

Display Map Layer

Facility 1-mile Radius  Facility Census Block Group



## Demographic Profile of Surrounding Area (1-Mile Radius)

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

General Statistics (U.S. Census)	
Total Persons	15,599
Population Density	11,202/sq.mi.
Housing Units in Area	6,636

General Statistics (ACS (American Community Survey))	
Total Persons	12,409
Percent People of Color	99%
Households in Area	4,770
Households on Public Assistance	662
Persons With Low Income	10,303
Percent With Low Income	83%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.44153
Center Longitude	-66.11838
Land Area	45%
Water Area	55%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	2,531 (53.05%)
\$15,000 - \$25,000	914 (19.16%)
\$25,000 - \$50,000	887 (18.59%)
\$50,000 - \$75,000	254 (5.32%)
Greater than \$75,000	185 (3.88%)

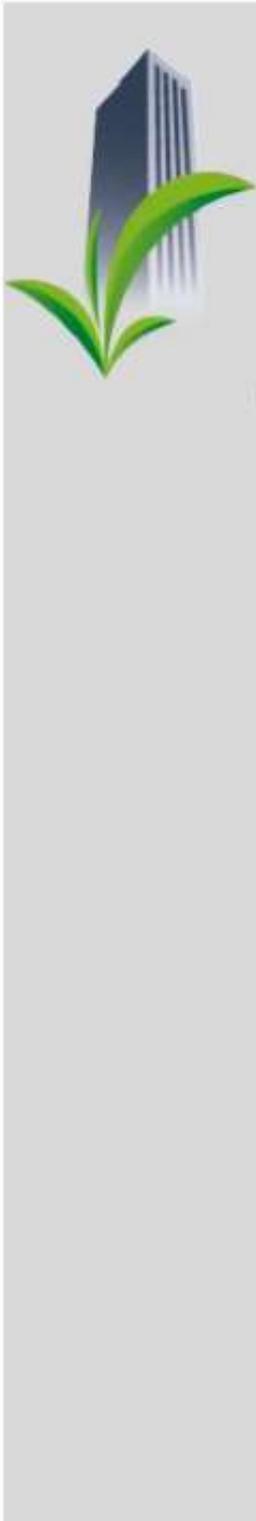
Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	1,020 (7%)
Minors 17 years and younger	4,088 (26%)
Adults 18 years and older	11,511 (74%)
Seniors 65 years and older	2,251 (14%)

Race Breakdown (U.S. Census) - Persons (%)	
White	10,245 (66%)
African-American	2,768 (18%)
Hispanic-Origin	15,450 (99%)
Asian/Pacific Islander	35 (0%)
American Indian	189 (1%)
Other/Multiracial	2,362 (15%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,828 (20.35%)
9th through 12th Grade	1,067 (11.88%)
High School Diploma	3,368 (37.5%)
Some College/2-year	942 (10.49%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,057 (11.77%)



## Asbestos Containing Building Materials Inspection Report

### Project:

CDBG-DR-000528  
Remodelación y Mejoras  
Plaza de Recreo y  
Plaza del Quinto Centenario  
Cataño, Puerto Rico

### Client:

ERBA Arquitectos

*ZEM-22265*

November 2022

---

Prepared By:

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

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## **SECTION I: EXECUTIVE SUMMARY**

---

### **1.1 INTRODUCTION**

An Asbestos Containing Building Materials (ACBM) inspection was conducted on November 21, 2022 for the CDBG-DR-000528 Remodelación y Mejoras project, at Plaza de Recreo and Plaza del Quinto Centenario in Cataño, Puerto Rico. The asbestos containing building materials sampling was performed to identify materials that contain asbestos fibers above allowable levels and to assist with the compliance of local, state and federal regulations.

### **1.2 SUMMARY OF PROPERTY EVALUATION**

The project consisted of the evaluation of the site areas of the aforementioned project. The results obtained reflect that there were no asbestos fibers above the regulatory limits on the analyzed samples from the inspected areas.

## SECTION 2: ASBESTOS CONTAINING 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 was observed and sampled:

- Spray On Wall

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 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 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.

Three (3) samples of suspected material 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 SURVEY RESULTS**

### **2.3.1 INTRODUCTION**

During the inspection the results obtained reflect that there were no asbestos fibers on the analyzed samples from the evaluated area.

### **2.3.2 HOMOGENEOUS AREAS WITH SPECIAL CONSIDERATIONS**

NONE

### **2.3.3 SUSPECT MATERIALS PRESUMED TO BE ASBESTOS-CONTAINING MATERIALS WITHOUT LABORATORY ANALYSIS**

NONE

### **2.3.4 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 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 project beyond the date of the evaluation.

## 2.5 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 inspection was conducted on November 21, 2022 by Onell González, state-certified inspector ASB-0822-0287-SI, qualified by experience, education and training in the recognition of asbestos containing materials and approved sampling techniques.



---

Onell González, PhD, CIEC, LEED AP O+M  
Senior Industrial Hygienist | Sustainability Expert

### **SECTION 3: APPENDICES**

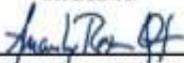
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**Appendix A: Certifications, Licenses, and Accreditations**

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

**Appendix C: Laboratory Results and Chain of Custody**

**APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS**

	<p>TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO</p>
	<p>Esta tarjeta autoriza a:</p>
	<p><b><i>Onell González Martínez</i></b></p>
	<p><b>Inspector</b></p>
	<p>A trabajar en la remoción de asbesto en P.R. Esta persona <b>NO</b> es un empleado del DRNA.</p>
<p><b>ASB-0822-0287-SI</b></p>	
<p>Número de Registro</p>	<p>Firma Autorizada - Departamento Recursos Naturales y Ambientales</p>
<p><b>31-jul-2023</b></p>	
<p>Fecha de vencimiento</p>	

**APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS**

United States Department of Commerce  
National Institute of Standards and Technology

**NVLAP** 

---

**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-IAP Communiqué dated January 2009).*

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

   
For the National Voluntary Laboratory Accreditation Program

**ZIMMETRY ENVIRONMENTAL MANAGEMENT CORP.**  
*Asbestos Containing Materials Inspection*  
*Plaza de Recreo y Plaza del Quinto Centenario,*  
*Cataño, Puerto Rico*  
*Project No. ZEM-22285*

**APPENDIX B: CERTIFICATION OF NO PRESENCE OF ASBESTOS**  
**(FORM 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, Onell González, mayor de edad, casado, y vecino de Toa Alta  
(Nombre) (Estado Civil) (Municipio)

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

Teléfonos: Residencial ( 787 ) 995 - 2160 Oficina ( 787 ) 376 - 9010 Ext. \_\_\_\_\_  
Fax ( 787 ) 995 - 0005

**Certifico que:**

1. La estructura localizada en CDBG-DR-000528 Remodelación y Mejoras project at Plaza de Recreo and Plaza del Quinto Centenario in Cataño, Puerto Rico, 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 de Puerto Rico, hoy día 5 de diciembre de 2022  
(Municipio)

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

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

## CREDENTIAL

	<p>TARJETA DE REGISTRO PARA LA REMEDIACIÓN DE ASBESTO</p>
	<p>Esta tarjeta autoriza a:</p>
	<p><i>Onell González Martínez</i></p>
	<p><b>Inspector</b></p>
	<p>A trabajar en la remediación de asbesto en P.R. Esta persona <b>NO</b> es un empleado del DRNA.</p>
<p><b>ASB-0822-0287-S1</b></p>	
<p>Número de Registro</p>	<p>Firma Autorizada - Departamento Recursos Naturales y Ambientales</p>
<p><b>31-jul-2023</b></p>	
<p>Fecha de vencimiento</p>	

ZIMMETRY ENVIRONMENTAL MANAGEMENT CORP.  
Asbestos Containing Materials Inspection  
Plaza de Recreo y Plaza del Quinto Centenario,  
Cataño, Puerto Rico  
Project No. ZEM-22285

APPENDIX C: LABORATORY RESULTS AND CHAIN OF CUSTODY

2211R98

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: Plaza de Recreo

Contact: Harry Peña

Project Location: Cataño, PR

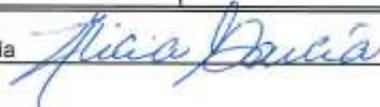
Samplers Name: Onell González

Project Number: ZEM-22265

Sampling Date: 11/21/2022

Sample ID	Sample Description	Sample Location	Analysis Requested	Turnaround Time	Comments	For AES Use Only
1 22265-01	Spray On Wall	Bus Stop	PLM	Regular	5 Days	
2 22265-02	Spray On Wall	Gazebo	PLM	Regular	5 Days	
3 22265-03	Spray On Wall	Gazebo	PLM	Regular	5 Days	
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Relinquished by: Alicia García



Date/Time: 11/22/2022 15:00

FOR LAB USE ONLY

Lab Recipient: Hunter Maddox

Date/Time: 11/23 9:19

Method of Shipment: FedEx



# ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3080 Presidential Drive  
Atlanta, GA 30340  
Tel: (770) 457-8177  
Fax: (770) 457-9188

## Bulk Sample Summary Report



Report Date: 1-Dec-22

Client Name:	<b>Zimmetry Environmental Mgmt Corp.</b>	AES Job Number:	<b>2211R98</b>
Project Name:	<b>PLAZA DE RECREO</b>	Project Number:	<b>ZEM-22265</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
22265-01 Layer: 1	2211R98-001A	SPRAY ON WALL	ND	ND	ND	ND	ND	ND	Paint
22265-02 Layer: 1	2211R98-002A	SPRAY ON WALL	ND	ND	ND	ND	ND	ND	Paint included as binder
22265-03 Layer: 1	2211R98-003A	SPRAY ON WALL	ND	ND	ND	ND	ND	ND	Paint included as binder

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

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.

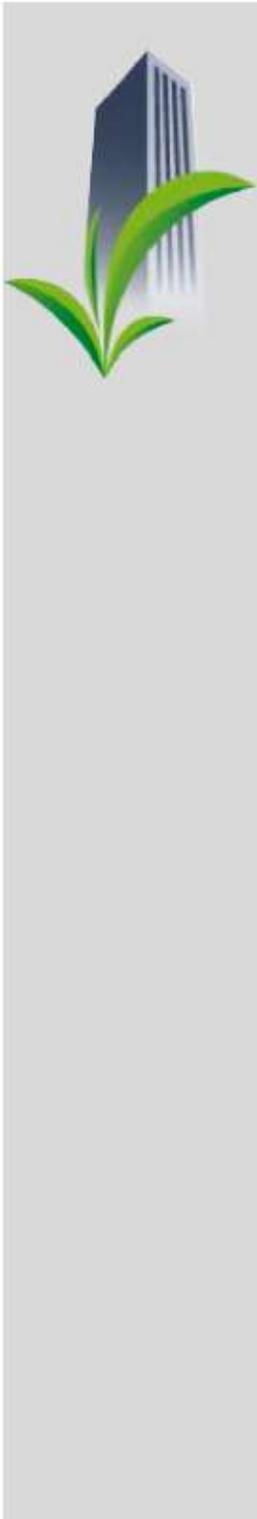
This report must not be reproduced except in full without written approval of Analytical Environmental Services, Inc.

Microanalyst:

Svetlana Arkhipov

QC Analyst:

Yelena Khanina



## Lead Based Paint Inspection Report

Project:

CDBG-DR-000528  
Remodelación y Mejoras  
Plaza de Recreo y  
Plaza del Quinto Centenario  
Cataño, Puerto Rico

Client:  
ERBA Arquitectos

*ZEM-22265*  
November 2022

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Prepared By:

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

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## **SECTION 1: EXECUTIVE SUMMARY**

---

### **1.1 INTRODUCTION**

A Lead-Based Paint inspection was conducted on November 21, 2022 for the CDBG-DR-000528 Remodelación y Mejoras project, at Plaza de Recreo and Plaza del Quinto Centenario in Cataño, 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.

### **1.2 SUMMARY OF PROPERTY EVALUATION**

The project consisted of the evaluation of the site areas of the aforementioned project. The evaluation found that lead based paint was present in selective components and surfaces through 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 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.

<b>Table 1-1: Summary of Components Containing Lead</b>				
<b>Area</b>	<b>Component</b>	<b>Color</b>	<b>Substrate</b>	<b>Approximate Amount</b>
Plaza de Recreo	Fire Hydrant	Yellow	Metal	1 Unit

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**

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### **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 143 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 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<sup>2</sup>. 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 Alicia Garcia, state-certified lead inspector LBPI-19422-168, 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<sup>2</sup> it is considered negative.

- If the lead concentration measured by the XRF Spectrum Analyzer is equal or greater than 1.0 mg/cm<sup>2</sup> 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 at front wall C and the wall at you 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, 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<sup>2</sup> for what the Department of Natural and Environmental Resources (DRNA) of Puerto Rico identifies as lead-based paint or materials containing lead:

- Fire Hydrant

#### 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 <sup>2</sup> 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 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 current installed tiles or other construction material, they shall be managed as containing lead until the appropriate test is performed.

## 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 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 November 21, 2022 by Alicia Garcia, state-certified lead inspector LBPI-19422-168, 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.

  
Alicia Garcia Justiniano, MSc  
Environmental Lead Inspector

### **SECTION 3: APPENDICES**

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**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**

ZIMMETRY ENVIRONMENTAL MANAGEMENT CORP.  
Lead Based Paint Inspection  
Plaza de Recreo y Plaza del Quinto Centenario,  
Cataño, Puerto Rico  
Project No. ZEM-22265

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



ZIMMETRY ENVIRONMENTAL MANAGEMENT CORP.  
Lead Based Paint Inspection  
Plaza de Recreo y Plaza del Quinto Centenario,  
Cataño, Puerto Rico  
Project No. ZEM-22265

APPENDIX B: XRF SAMPLING DATA

PROJECT	Remodelación y Mejoras at Plaza de Recreo & Plaza del Quinto Centenario Cataño, PR			CLIENT: ERBA Arquitectos			
DATE:	11/21/2022	CDBG-DR-000528		LBP Inspector: Alicia Garcia			
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	Plaza de Recreo	Curb	Gray	Concrete	0.00	Negative	
5	Plaza de Recreo	Ramp	Gray	Concrete	0.00	Negative	
6	Plaza de Recreo	Curb	Yellow	Concrete	0.00	Negative	
7	Plaza de Recreo	Fire Hydrant	Yellow	Metal	5.90	Positive	
8	Plaza de Recreo	Curb	Yellow	Concrete	0.03	Negative	
9	Plaza de Recreo	Islet	Gray	Concrete	0.00	Negative	
10	Plaza de Recreo	Curb	Yellow	Concrete	0.00	Negative	
11	Plaza de Recreo	Bollard	Black	Metal	0.00	Negative	
12	Plaza de Recreo	Light Pole	Green	Metal	0.04	Negative	
13	Plaza de Recreo	Light Pole Base	Yellow	Concrete	0.00	Negative	
14	Plaza de Recreo	Pole	Black	Metal	0.01	Negative	
15	Plaza de Recreo	Curb	White	Concrete	0.00	Negative	
16	Plaza de Recreo	Curb	Yellow	Concrete	0.00	Negative	
17	Plaza de Recreo	Floor Marking	Blue	Concrete	0.00	Negative	
18	Plaza de Recreo	Ramp	Gray	Concrete	0.00	Negative	
19	Plaza de Recreo	Curb	Yellow	Concrete	0.00	Negative	
20	Plaza de Recreo	Floor	Gray	Concrete	0.00	Negative	
21	Plaza de Recreo	Electrical Cabinet	Cream	Metal	0.00	Negative	
22	Plaza de Recreo	Electrical Cabinet Base	Yellow	Concrete	0.00	Negative	
23	Plaza de Recreo	Curb	White	Concrete	0.00	Negative	
24	Plaza de Recreo	Curb	Yellow	Concrete	0.00	Negative	
25	Plaza de Recreo	Wheel Stop	Yellow	Concrete	0.00	Negative	
26	Plaza de Recreo	Floor	Gray	Concrete	0.00	Negative	
27	Plaza de Recreo	Floor Marking	Blue	Concrete	0.00	Negative	
28	Plaza de Recreo	Curb	Yellow	Concrete	0.00	Negative	
29	Plaza de Recreo	Islet	Gray	Concrete	0.00	Negative	
30	Plaza de Recreo	Curb	Yellow	Concrete	0.02	Negative	
31	Plaza de Recreo	Bollard	Black	Metal	0.00	Negative	
32	Plaza de Recreo	Wheel Stop	Blue	Concrete	0.00	Negative	
33	Plaza de Recreo	Ramp	Blue	Concrete	0.00	Negative	
34	Plaza de Recreo	Floor Marking	Blue	Concrete	0.00	Negative	
35	Plaza de Recreo	Floor	Gray	Concrete	0.00	Negative	
36	Plaza de Recreo	Curb	Blue	Concrete	0.00	Negative	
37	Plaza de Recreo	Wheel Stop	Yellow	Concrete	0.11	Negative	
38	Plaza de Recreo	Curb	Yellow	Concrete	0.00	Negative	
39	Plaza de Recreo	Wheel Stop	Yellow	Concrete	0.00	Negative	
40	Plaza de Recreo	Curb	Yellow	Concrete	0.00	Negative	
41	Plaza de Recreo	Bollard	Black	Metal	0.00	Negative	
42	Plaza de Recreo	Islet	Gray	Concrete	0.00	Negative	
43	Plaza de Recreo	Pole	Black	Metal	0.00	Negative	
44	Plaza de Recreo	Ramp	Gray	Concrete	0.00	Negative	
45	Plaza de Recreo	Curb	White	Concrete	0.00	Negative	
46	Plaza de Recreo	Curb	Yellow	Concrete	0.00	Negative	
47	Plaza de Recreo	Column	Black	Metal	0.00	Negative	
48	Plaza de Recreo	Beam	Black	Metal	0.00	Negative	
49	Plaza de Recreo	Table	Gray	Concrete	0.00	Negative	
50	Plaza de Recreo	Bench	Gray	Concrete	0.00	Negative	
51	Plaza de Recreo	Floor	Gray	Concrete	0.00	Negative	
52	Plaza de Recreo	Column	Black	Metal	0.00	Negative	
53	Plaza de Recreo	Beam	Black	Metal	0.00	Negative	
54	Plaza de Recreo	Table	Gray	Concrete	0.00	Negative	
55	Plaza de Recreo	Bench	Gray	Concrete	0.00	Negative	
56	Plaza de Recreo	Floor	Gray	Concrete	0.00	Negative	
57	Plaza de Recreo	Planter	Yellow	Concrete	0.01	Negative	
58	Plaza de Recreo	Planter	Yellow	Concrete	0.01	Negative	
59	Plaza de Recreo	Planter	Yellow	Concrete	0.01	Negative	
60	Plaza de Recreo	Wheel Stop	Yellow	Concrete	0.00	Negative	





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Lead Based Paint Inspection  
Plaza de Recreo y Plaza del Quinto Centenario,  
Cataño, Puerto Rico  
Project No. ZEM-22265

APPENDIX C: XRF's PERFORMANCE CHARACTERISTICS  
SHEET

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## Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

### MANUFACTURER AND MODEL:

Make: *Niton LLC*Tested Model: *XLP 300*Source:  $^{109}\text{Cd}$ 

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<sup>2</sup> (inclusive)

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

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

#### SUBSTRATE CORRECTION:

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

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

#### INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm <sup>2</sup> )
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)						
Substrate	All Data			Median for laboratory-measured lead levels (mg/cm <sup>2</sup> )		
	25 <sup>th</sup> Percentile	Median	75 <sup>th</sup> 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**

<b>Photo No.</b> 2171	<b>Date:</b> 11/21/2022	
<b>Description:</b>  Plaza de Recreo Area Lead-based painted metal fire hydrant		

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

ZIMMETRY ENVIRONMENTAL MANAGEMENT CORP.  
Lead Based Paint Inspection  
Plaza de Recreo y Plaza del Quinto Centenario,  
Cataño, Puerto Rico  
Project No. ZEM-22265

APPENDIX E: LOCATION OF POSITIVE MATERIALS



Remodelación y Mejoras project, Plaza de Recreo and Plaza del Quinto Centenario  
 CR163-DR-000028 in Cataño, Puerto Rico  
 Legend  
 10.04119, -66.11907

Lead Legend:

- 1 Fire Hydrant

**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 November 2022

April 25, 2024

Applicant ID: PR-CRP-000528

Street Address: Remodelación de la Plaza de Recreo  
y Quinto Centenario- PR-CRP-000528

Municipality: Cataño

RE: No Effect Determination for PR-CRP-000528

## EXECUTIVE SUMMARY

Section 7 of the Endangered Species Act (ESA) mandates that federal agencies ensure that the actions they authorize, fund, or carry out do 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 or the National Marine Fisheries Service ("FWS" and "NMFS" or "the Services").

This memo documents that the proposed PR-CRP-000528 project is at Avenida Barbosa and Avenida Las Nereidas. 18.441241, -66.119201. Cadaster number 040-081-057-01 was reviewed by a qualified biologist under 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 City Revitalization Program aims to help shape and implement the future vision of communities affected by Hurricanes Irma and María. The program will support municipal governments and other eligible organizations in various recovery activities to reinvigorate downtown areas, urban centers, and key community corridors.

## Project Description

The proposed project, PR-CRP-000528, The improvements and remodeling of Plaza de Recreo and Plaza Quinto Centenario shall include construction or improvements of pedestrian crossings to increase pedestrian safety, construction and improvements to sidewalks around the squares to provide similar environment surroundings, and the rehabilitation of pedestrian or other areas. The project also includes urban mobility, like installing new fixed/permanent benches, installing fixed/permanent garbage stations, bike parking stations, and the rehabilitation, improvements, and construction of bus stops. Other components include the reconstruction and improvements to the signage system of both squares affected by hurricanes Irma and Maria. And that is necessary for the safety and information of the user. The electrical system of the plazas will be improved with solar-powered LED luminaries. The project also includes planting and pruning green areas.

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 A, Figure 2), the proposed project lies within the ranges of the following federally listed species and critical habitats:

Species	Status
Puerto Rican Boa ( <i>Chilabothrus inornatus</i> )	Endangered
Antillean Manatee ( <i>Trichechus manatus</i> )	Threatened

Critical Habitat
None for both species.

#### Existing Conditions:

The project area where activities will occur consists of less than 1 acre of land at Avenida Barbosa and Avenida Las Nereidas. 18.441241, -66.119201. According to the U.S. Geological Survey National Land Cover Database (NLCD) (Appendix A, Figure 4), most project areas comprise impervious manmade land, sidewalks, asphalt, and concrete infrastructure. According to historic imagery on Google Earth, the plaza has been covered with impervious surfaces for over 40 years. A topographic map is included (see Appendix A, Figure 3). The project is located in Zone VE on the FEMA Flood map and ABFE map, panel number 72000C0355J, dated 11/18/2009 (see Flood Map Appendix A, Figure 5 and ABFE map Appendix A, Figure 6). A Preliminary FIRM has not been developed for this area. There is a mapped coastal canal approximately 180 feet to the southeast of the proposed project location. A mapped patch of emergent wetland is located approximately 300 feet west of the proposed project location. This section is covered with sod, and the local government regularly maintains it. The project activities will not occur within natural or manmade wetlands, and no direct or indirect impacts are anticipated due to the project activities (see wetlands map Appendix A, Figure 7).

#### Effect Determination:

Based on a review of site photos and other information gathered during a site visit on 06/19/2023, 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 determination keys, 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 ( <i>Chilabothrus inornatus</i> )	No Effect	If a Puerto Rican Boa is identified, contractor must follow FWS and DNER protocol for the agency to proceed with any relocation.
Antillean Manatee ( <i>Trichechus manatus</i> )	No Effect	If an Antillean Manatee is observed, the contractor shall contact the DNER's Rangers to obtain 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 hills, 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 D for citations). The IPaC Determination Key (Dkey) for the Puerto Rican Boa, dated June 10, 2023, was used to evaluate this project's potential impacts on federally listed species. 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 independently. If the Boa does not move off, the Construction Manager shall contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) and ask them to relocate it.

### Antillean Manatee (*Trichechus manatus*)

Manatees are protected under the Marine Mammal Protection Act, which prohibits the take (i.e., harass, hunt, capture, or kill) of all marine mammals. Manatees are found in marine, estuarine, and freshwater environments. The West Indian manatee, *Trichechus manatus*, includes two distinct subspecies, the Florida manatee (*Trichechus manatus latirostris*) and the Antillean manatee (*Trichechus manatus manatus*). While morphologically distinctive, both subspecies have many standard features. Manatees have large, seal-shaped bodies with paired flippers and a round, paddle-shaped tail. They are typically grey in color (color can range from black to light brown) and occasionally spotted with barnacles or colored by green or red algae patches. The muzzle is heavily whiskered, and coarse, single hairs are sparsely distributed throughout the body. Adult manatees, on average, are about nine feet long (3 meters) and weigh about 1,000 pounds (200 kilograms). At birth, calves are between three and four feet long (1 meter) and weigh between 40 and 60 pounds (30 kilograms).

The species' historical range included Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, Puerto Rico, South Carolina, and Texas. See below for information about where the species is known or believed to occur.

If an Antillean Manatee is observed in the waters adjacent to the project, the construction manager shall contact the PR's DNER. This is for guidance on reporting the sightseen and the following steps to ensure the protection of the species.



Javier Vélez Arocho

4/25/2024

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Senior Biologist

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Date

Appendix A



Figure 1 Aerial Map of the proposed action

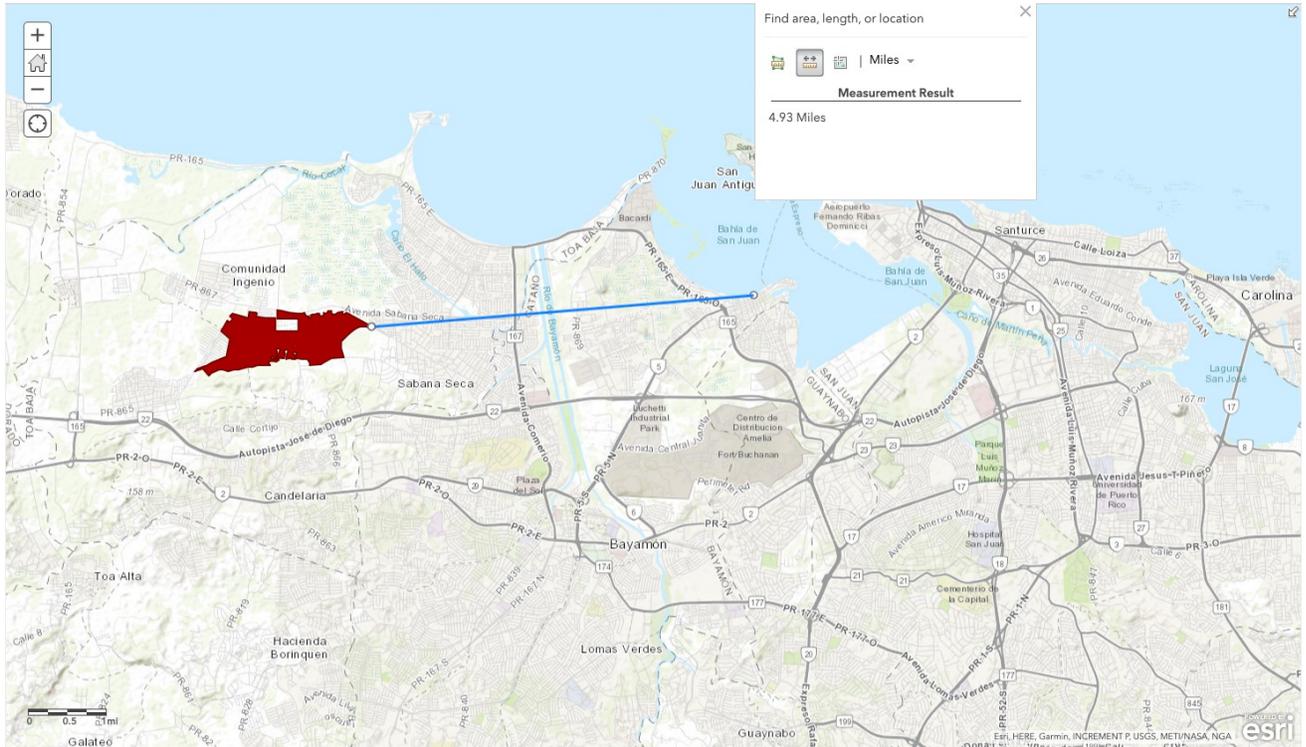


Figure 2 IPAC Map Critical Habitat for the Puerto Rican Boa

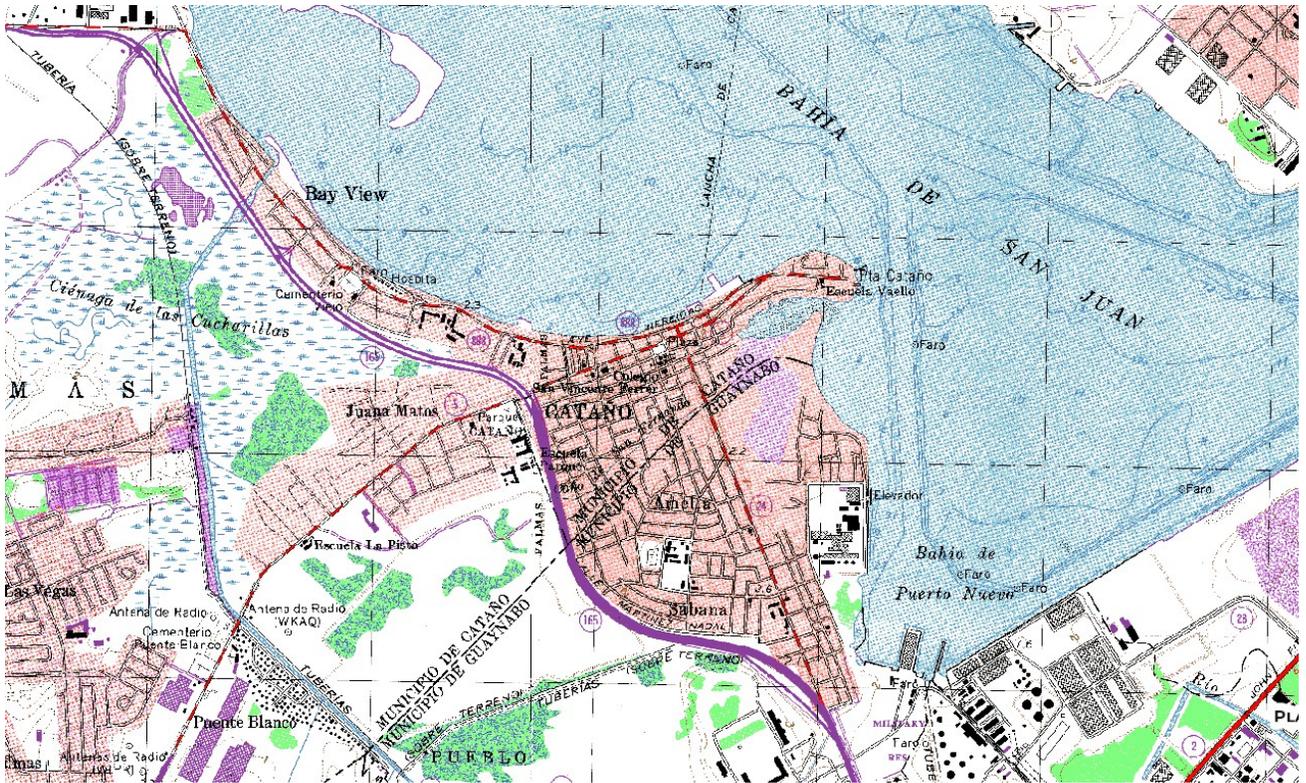


Figure 3 Topographic Map for the Cataño Area

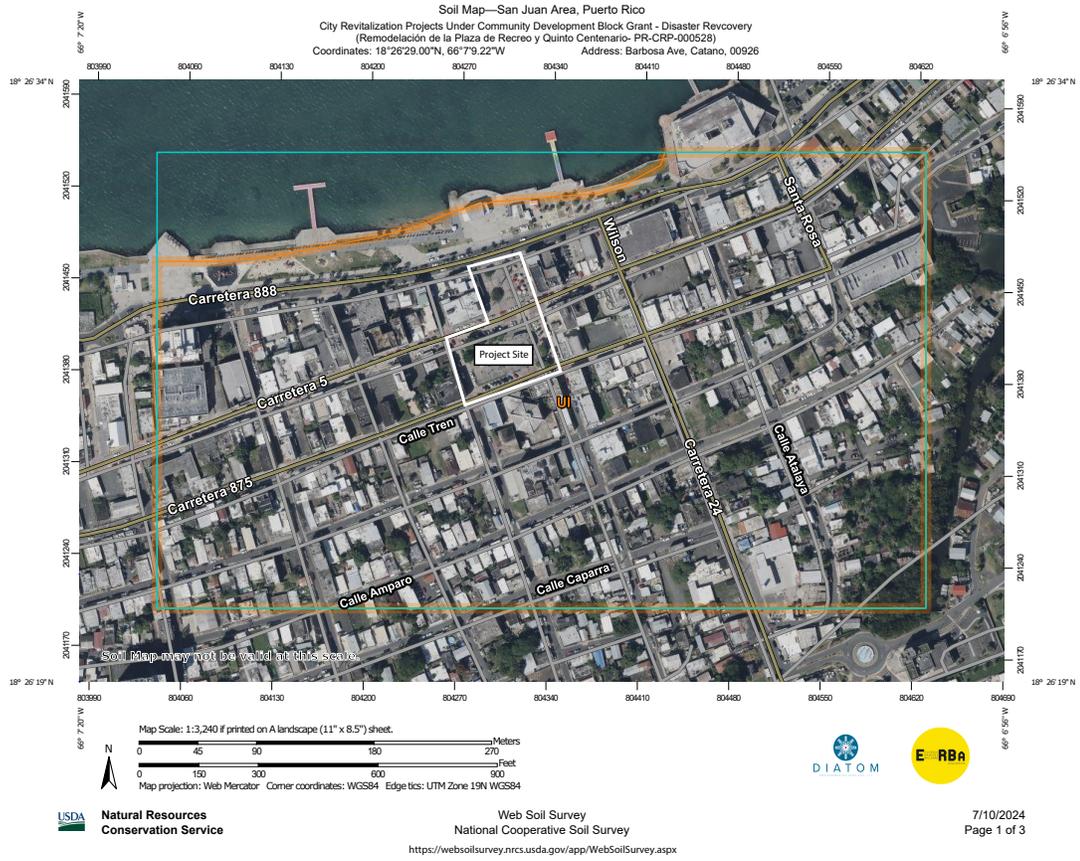


Figure 4 USGS Soil cover of the proposed site

# National Flood Hazard Layer FIRMeTte



66°7'28"W 18°26'45"N

City Revitalization Projects Under Community Development Block Grant - Disaster Recovery  
 (Remodelación de la Plaza de Recreo y Quinto Centenario- PR-CRP-000528)  
 Coordinates: 18°26'29.00"N, 66°7'9.22"W Address: Barbosa Ave, Cataño, 00926



Basemap Imagery Source: USGS National Map 2023

## Legend

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

<b>SPECIAL FLOOD HAZARD AREAS</b>	<ul style="list-style-type: none"> <li>Without Base Flood Elevation (BFE) Zone A, V, A99</li> <li>With BFE or Depth Zone AE, AD, AH, VE, AR</li> <li>Regulatory Floodway</li> </ul>
<b>OTHER AREAS OF FLOOD HAZARD</b>	<ul style="list-style-type: none"> <li>0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X</li> <li>Future Conditions 1% Annual Chance Flood Hazard Zone X</li> <li>Area with Reduced Flood Risk due to Levee. See Notes, Zone X</li> <li>Area with Flood Risk due to Levee Zone D</li> </ul>
<b>OTHER AREAS</b>	<ul style="list-style-type: none"> <li>NO SCREEN Area of Minimal Flood Hazard Zone X</li> <li>Effective LOMRs</li> <li>Area of Undetermined Flood Hazard Zone D</li> </ul>
<b>GENERAL STRUCTURES</b>	<ul style="list-style-type: none"> <li>Channel, Culvert, or Storm Sewer</li> <li>Levee, Dike, or Floodwall</li> </ul>
<b>OTHER FEATURES</b>	<ul style="list-style-type: none"> <li>Cross Sections with 1% Annual Chance Water Surface Elevation</li> <li>Coastal Transect</li> <li>Base Flood Elevation Line (BFE)</li> <li>Limit of Study</li> <li>Jurisdiction Boundary</li> <li>Coastal Transect Baseline</li> <li>Profile Baseline</li> <li>Hydrographic Feature</li> </ul>
<b>MAP PANELS</b>	<ul style="list-style-type: none"> <li>Digital Data Available</li> <li>No Digital Data Available</li> <li>Unmapped</li> </ul> <p>The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.</p>

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 7/10/2024 at 7:51 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

<https://msc.fema.gov/portal/home>

Figure 5 Firmette for the Cataño Area



7/10/2024, 7:31:04 AM  
 Flood Hazard Area (zoom in to make visible) VE  
 AE  
 Coastal A Zone  
 0.2% Annual Chance Flood Zone  
 Zone/BFE Boundary  
 Flood Hazard Extent  
 1% Annual Chance Flood  
 Limit of Moderate Wave Action (LIMWA)

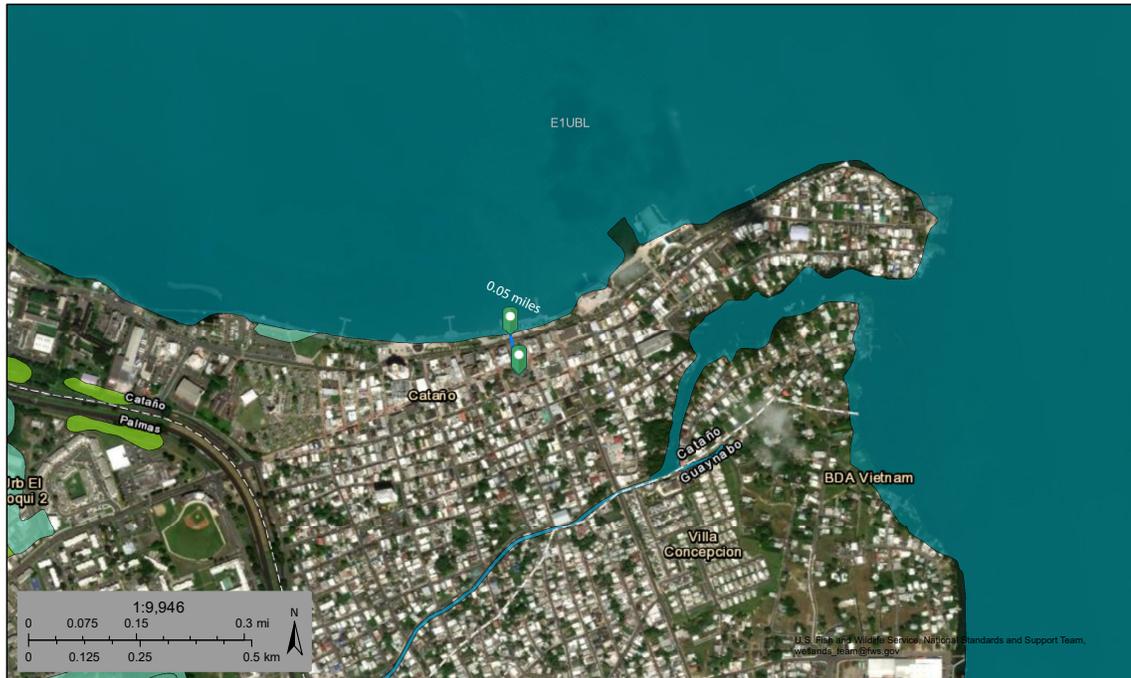
1:4,514  
 0 0.05 0.1 0.2 mi  
 0 0.07 0.15 0.3 km

FEMA, Maxar, Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc., METINASA, USGS, NPS, US Census Bureau, USFWS

<https://gis-r2-fema.hub.arcgis.com/apps/31dfa15671944086b54b55bfc03344d7/explore>

FEMA | Maxar | Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc., METINASA, USGS, NPS, US Census Bureau, USFWS | ArcGIS Web AppBuilder

Figure 6 ABFE for the Cataño Area



July 10, 2024

- |                                |                                   |          |
|--------------------------------|-----------------------------------|----------|
| <b>Wetlands</b>                | Freshwater Emergent Wetland       | Lake     |
| Estuarine and Marine Deepwater | Freshwater Forested/Shrub Wetland | Other    |
| Estuarine and Marine Wetland   | Freshwater Pond                   | Riverine |

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

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



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

Figure 7 Copy of wetlands for the proposed site



The following description was provided for the project 'CRP-000528 Remodelacion y Mejoras Plaza del Recreo y Plaza Quinto':

The improvements and remodeling of Plaza de Recreo and Plaza Quinto Centenario shall include construction or improvements of pedestrian crossings to increase pedestrian safety, construction and improvements to sidewalks around the squares to provide similar environment surroundings, and the rehabilitation of pedestrian or other areas. The project also includes urban mobility, like installing new fixed/permanent benches, installing fixed/permanent garbage stations, bike parking stations, and the rehabilitation, improvements, and construction of bus stops. Other components include the reconstruction and improvements to the signage system of both squares affected by hurricanes Irma and Maria. And that is necessary for the safety and information of the user. The electrical system of the plazas will be improved with solar-powered LED luminaries. The project also includes the planting and pruning of the green areas.

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

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

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

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

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

**Note:** Projects located within the range of the Puerto Rican boa or the Virgin Islands tree boa might encounter these species during project activities. **This letter does not provide take to handle or move these species.** If relocation of the species is needed, please contact either the Puerto Rico Department of Natural Resources (DNER) at 787-724-5700, 787-230-5550, or 787-771-1124 for projects in Puerto Rico, or the Virgin Islands Department of Planning and

Natural Resources, Division of Fish and Wildlife (DFW) at 340-775-6762 for projects in the Virgin Islands. Otherwise, contact the Caribbean Ecological Services Field Office ([caribbean\\_es@fws.gov](mailto: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.

- West Indian Manatee *Trichechus manatus* Threatened

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](mailto:Caribbean_es@fws.gov).

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## QUALIFICATION INTERVIEW

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

*No*

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

*Yes*

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

*Automatically answered*

*Yes*

---

### **IPAC USER CONTACT INFORMATION**

Agency: Private Entity  
Name: Javier Velez-Arocho  
Address: 100 Ave Los Patriotas Unit 457  
City: Lares  
State: PR  
Zip: 00669-2634  
Email: javier@diatomenvironmental.com  
Phone: 7874678887

### **LEAD AGENCY CONTACT INFORMATION**

Lead Agency: Department of Housing and Urban Development

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Applicant PR-CRP-000528

Photograph 1



Photograph 2



Photograph 3



1.9 Explosive and Flammable Materials CRP-000528

Field Visit Checklist & Site Evaluation							
Project Name:	CRP-000528 Plaza de Recreo y Quinto Centenario			Latitude:	18°26'27.59"N		
First Name:	Arq. Eugenio	Last Name:	Ramírez-Ballaga	Longitude:	66° 7'9.00"W		
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 9, 2023		Field Visit Conducted By:	Javier Vélez Arocho			
<b>EXISTING ENVIRONMENTAL CONDITIONS ON &amp; AROUND SITE</b> <b>Levee/Flood Control Structures (Levees, T-walls, pumping stations, etc.)</b>							
	Site Specific			Area			
Observations	There are no flood control structures on site			>4,000 ft from site			
<b>Toxic Chemicals &amp; Radioactive Materials</b>							
<b>Petroleum or Chemical Storage</b>							
	Site Specific			Area			
Is there any evidence or indication of an underground storage tank (UST) may be located on site?	No			Yes, more than 4,000 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			
<b>Polychlorinated Biphenyls (PCB):</b>							
	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			
<b>Hazardous Operations</b>							
	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 4,000 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			
<b>Notes/Observations:</b>							
<p>The Surroundings of Plaza de Recreo and the Quinto Centenario are clean. There is no evidence of hazardous conditions or materials used or stored near the premises. The weather conditions on site were very humid, with temperatures exceeding 95F. The area has been impacted for decades of heavy residential and commercial uses. There is no presence of important resources on site. No gas lines were visible in or around the proposed site. The area is covered entirely by impervious surfaces. The municipal government planted the existing trees, which are considered exotic species. There are no gas stations near or around the proposed site.</p>							

**Photograph 1**



**Photograph 2**

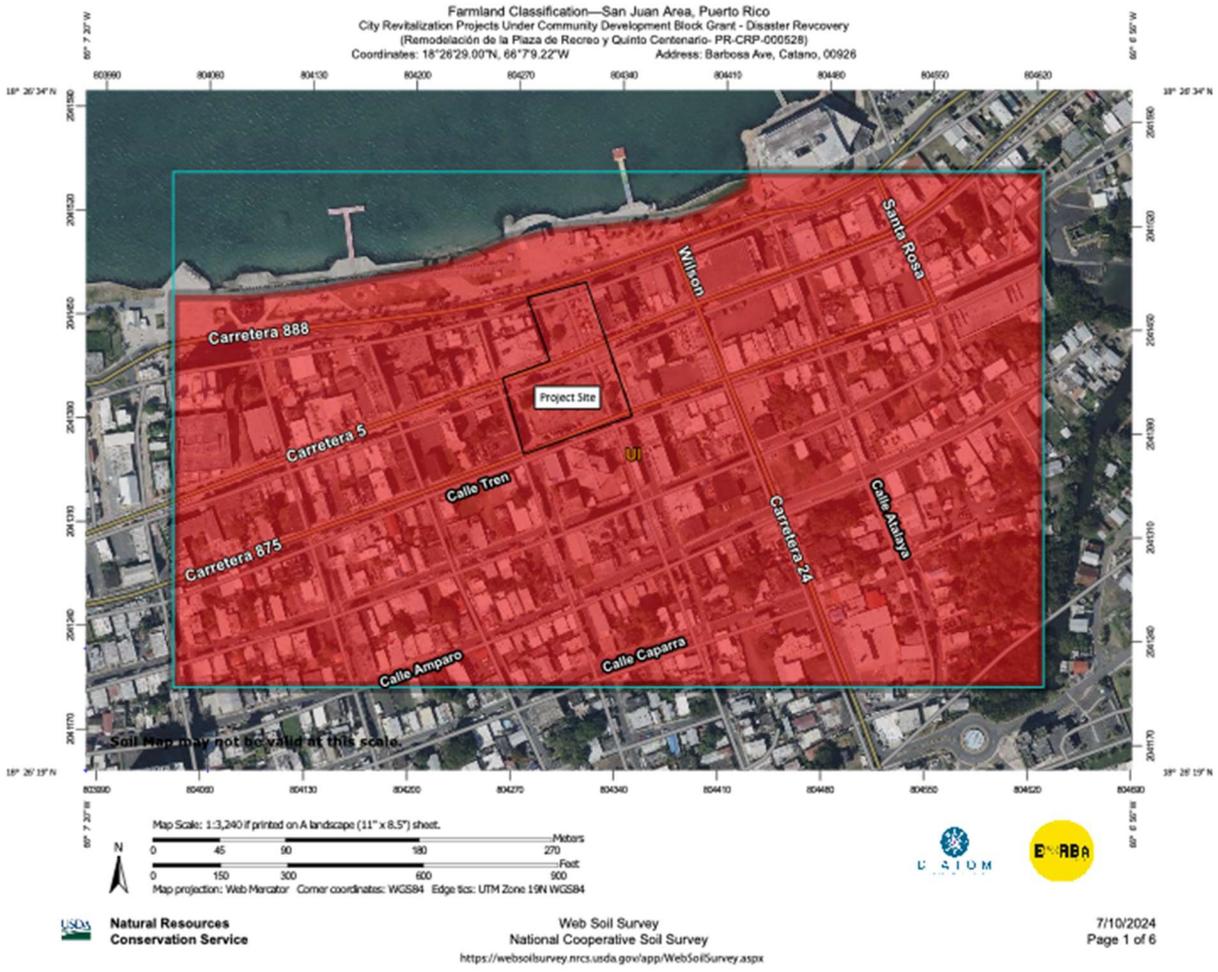


**Photograph 3**

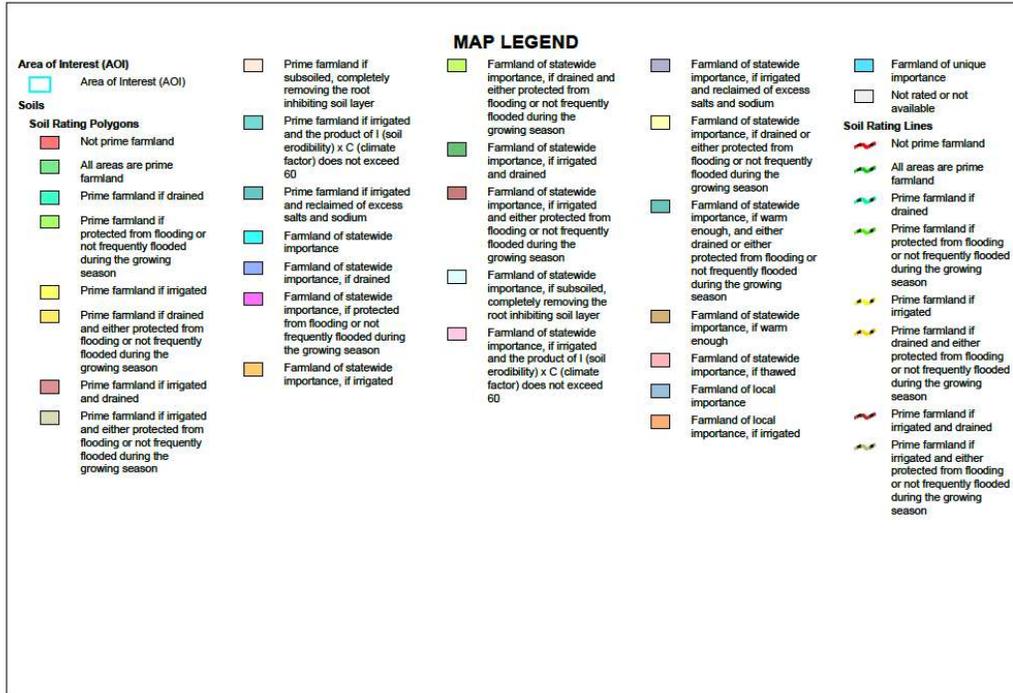


**Photograph 4**

# 1.10 Farmlands Protection PR-CRP-000528



Farmland Classification—San Juan Area, Puerto Rico



Farmland Classification—San Juan Area, Puerto Rico

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

Farmland Classification—San Juan Area, Puerto Rico

<ul style="list-style-type: none"> <li><span style="color: green;">■</span> Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season</li> <li><span style="color: green;">■</span> Farmland of statewide importance, if irrigated and drained</li> <li><span style="color: red;">■</span> Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season</li> <li><span style="color: blue;">□</span> Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer</li> <li><span style="color: pink;">■</span> Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium</li> <li><span style="color: yellow;">■</span> Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season</li> <li><span style="color: teal;">■</span> Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season</li> <li><span style="color: brown;">■</span> Farmland of statewide importance, if warm enough</li> <li><span style="color: red;">■</span> Farmland of statewide importance, if thawed</li> <li><span style="color: blue;">■</span> Farmland of local importance</li> <li><span style="color: orange;">■</span> Farmland of local importance, if irrigated</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> Farmland of unique importance</li> <li><span style="color: grey;">□</span> Not rated or not available</li> </ul> <p><b>Water Features</b></p> <ul style="list-style-type: none"> <li> Streams and Canals</li> </ul> <p><b>Transportation</b></p> <ul style="list-style-type: none"> <li> Rails</li> <li> Interstate Highways</li> <li> US Routes</li> <li> Major Roads</li> <li> Local Roads</li> </ul> <p><b>Background</b></p> <ul style="list-style-type: none"> <li> Aerial Photography</li> </ul>	<p>The soil surveys that comprise your AOI were mapped at 1:20,000.</p> <div style="border: 1px solid black; padding: 5px;"> <p><b>Warning: Soil Map may not be valid at this scale.</b></p> <p>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.</p> </div> <p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service          Web Soil Survey URL:          Coordinate System: Web Mercator (EPSG:3857)</p> <p>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.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: San Juan Area, Puerto Rico          Survey Area Data: Version 16, Sep 12, 2022</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022</p> <p>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.</p>
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## Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Ul	Urban land	Not prime farmland	122.3	65.6%
Totals for Area of Interest			186.3	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.

# 1.11 Floodplain Management PR-CRP-000528

City Revitalization Projects Under Community Development Block Grant - Disaster Recovery  
 (Remodelación de la Plaza de Recreo y Quinto Centenario- PR-CRP-000528)  
 Coordinates: 18°26'29.00"N, 66°79.22"W Address: Barbosa Ave, Catano, 00926



7/10/2024, 7:31:04 AM

Flood Hazard Area (zoom in to make visible)

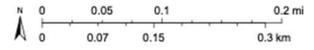
- AE
- Coastal A Zone

- VE
- 0.2% Annual Chance Flood Zone
- Zone/BFE Boundary

Flood Hazard Extent

- 1% Annual Chance Flood
- ▲— Limit of Moderate Wave Action (LIMWA)

1:4,514



FEMA, Maxar, Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau, USFWS

<https://gis-r2-fema.hub.arcgis.com/apps/31dfa15671944086b54b55bfc03344d7/explore>

ArcGIS Web AppBuilder  
 FEMA | Maxar | Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau, USFWS |

PUERTO RICO DEPARTMENT OF HOUSING  
CITY REVITALIZATION PROGRAM PROJECT PR-CRP-000528  
REMODELING AND IMPROVEMENTS TO THE  
PLAZA DEL RECREO AND PLAZA QUINTO CENTENARIO  
CATANO, PUERTO RICO

**Procedure for Making Determination on Floodplain Management and Wetlands**  
**Eight Step Process**

The Puerto Rico Department of Housing (PRDOH) intends to use U.S. Department of Housing and Urban Development (HUD) - Community Development Block Grant (CDBG) funding to engage in improvements to two existing public plazas located adjacent to each other in the Municipality of Cataño. The improvements and remodeling of Plaza de Recreo and Plaza de Quinto Centenario shall include a performance stage, an area for playing dominos including concrete benches and tables, a water fountain, kiosks, a pergola, installation of new fixed benches, trash cans, new LED luminaires, improvements to the bus stop and signage system, bicycle racks, planting and pruning of trees and green areas. The entire project (approximately 1.3 acres) is in a floodplain. The project area is bound by Calle Julian Acosta, Calle Isidra Rodriguez, Calle del Tren and Avenida Las Nereidas in Cataño; Latitude 18.441241°, Longitude -66.119201°.

Pursuant to Executive Orders (EOs) 11988 and 11990, the PRDOH has determined portions of this project be in the one-hundred-year floodplain. The EOs were enacted to *“avoid to the extent possible the long- and short-term adverse impacts associated with the occupancy and modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative”*. Based on both the currently effective Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs) and the FEMA Advisory Base Flood Elevation (ABFE) maps, the improvement location lies within the 100-year floodplain. However, floodplain impacts are expected to be minimal, because the proposed action involves improvements to existing public park space.

Detailed below is a summary of the eight-step process and how the PRDOH has or will comply with EO 11988 and EO 11990, as the project site occurs within the 100-year floodplain.

**Step 1- Determination of whether the proposed action is located within a 100-year floodplain**

Regarding EO 11988, based on the FEMA FIRM and ABFE maps, the entirety of the site is located within the 100-year floodplain. Floodplain impacts are expected to be minimal as a result of this action, as the proposed development involves improvements to an existing public plaza / park / greenspace. Regarding EO 11990, the project area was

determined to not include wetland areas, as it is a developed area with limited natural features (planted trees, maintained lawns, etc.).

### **Step 2- Early Notification and Involvement of the Public in the Decision-Making Process**

The City Revitalization Program, under the Puerto Rico Community Development Block Grant Program for Disaster Recovery (CDBG-DR) allocated funds to help shape and implement the future vision in communities that were affected by Hurricanes Irma and Maria.

Based on the program goals, it was determined for Catano that this project, improvements to these public places, would be beneficial to the surrounding community. For the improvements, the Municipality of Catano and PRDOH notified the public of the proposed actions located within the 100-year floodplain through an Early Floodplain Notice in local newspapers, for purposes of eliciting public comments for consideration during this review.

Copies of the Early Floodplain Notice were sent to potentially interested parties, such as the U.S. Department of Housing and Urban Development, the United States Fish and Wildlife Service, the U.S. Environmental Protection Agency, the United States Army Corps of Engineers, the National Oceanic and Atmospheric Administration, the Federal Emergency Management Agency, the Puerto Rico State Historic Preservation Office, the Puerto Rico Department of Economic Development and Commerce, the Puerto Rico Planning Board, and the Puerto Rico Department of Natural Resources and Environment. A copy of the Early Floodplain Notice has been included within the Environmental Review Record for this action. No comments were received during the 15-day public comment period applicable to the Early Floodplain Notice.

### **Step 3- Identification and Evaluation of Practicable Alternatives.**

This project includes the improvement of existing public plazas. The project aims to provide improved park / greenspace to the surrounding community. In accordance with the Department of Housing and Urban Development guidelines, practical alternatives to locating the proposed action in a floodplain were identified and evaluated. These included the following alternatives:

- 1) Locating the actions outside of the floodplain;
- 2) Finding alternative methods to accomplish the proposed objectives; and
- 3) Impact of taking no action.

For each of these alternatives, various factors were considered including cost, feasibility, technology, hazard reduction, and environmental impacts. The evaluation of each alternative is summarized below.

### **Alternative 1**

The project location lies within the FEMA 100-year floodplain, according to the FIRM and AFBE maps. Relocating the proposed improvements to an area outside of the 100-year floodplain, while still serving the residents of this portion of Catano, is not possible. The existing Plaza de Recreo is a cultural site. The location is unique and unchanged since the early formation of the town of Cataño and the plaza has no alternate location outside the flood zone. Were the improvement actions relocated outside of the 100-year floodplain, the residents in this immediate area would not be able to reasonably access the improved resources, as it would require the existing plazas to be moved to another neighborhood in the region. Additionally, as the area in the vicinity of the location is densely developed with existing structures, relocating the project to another area within Catano would likely result in the need to demolish existing structure(s), as opposed to simply improving an existing community resource already in place. Such an action would be a much more invasive project, extend the project timeline, and undoubtedly be more costly.

### **Alternative 2**

Alternative methods to serve the project objective of improving existing public plazas within their existing boundaries are limited. An alternative considered was changing the currently existing features to another land use that would be minimally impacted by flooding (i.e., development of a green lawn instead of public plazas).

However, the Puerto Rico State Historic Preservation Office has stated that “*the island’s plazas de recreo convey a physical and intangible significance related to their development and history.*” The Office has also stated that alteration to such installations “*has the potential to alter and affect a potentially historic district.*” As such, a large alteration project replacing or redeveloping the plazas to a completely different orientation or context of use would likely result in an adverse impact to existing historic resources and not be compliant with the National Historic Preservation Act. Therefore, the decision was made that the actions most consistent with project goals and master plan goals would be to improve the existing plazas as proposed.

### **Alternative 3**

The alternative to not approve any action (a “no-action” alternative) would result in these areas remaining as unimproved public plazas. Not only would that leave these areas without much needed public gathering spaces, but the area community would also not receive the aesthetic benefits the plazas have the potential to provide. Therefore, the decision to take “no action” has been deemed unacceptable for this project.

## **Step 4- Potential Direct and Indirect Impact of the Proposed Action on the Floodplain and Wetlands**

Potential direct and indirect impacts resulting from the proposed action on the floodplain are anticipated to be nominal. As this project will include improvements to existing features already in place, impervious surfaces will be significantly expanded, and runoff conditions will not differ significantly in post development. Wetlands are not located at

the project site or in the project vicinity and are not anticipated to be impacted under this action.

#### **Step 5- Minimization of Potential Adverse Impacts via Design or Modifications to the Proposed Actions**

Design modifications have been incorporated into the proposed action to minimize potential adverse impacts to the floodplain. Through such modifications, the characteristics of the floodplain will not be significantly altered. Such modifications demonstrate the implementation of practicable alternatives, whenever possible within the design process, to limit adverse impacts to the floodplain.

The most significant project design feature that limits the impact the project could have on the floodplain is the fact that improvements are planned to be generally limited to remodeling of existing features and improvements to already existing plaza components. The complete redevelopment of an existing plot of land has the potential to impact floodplain function through alterations in flow ways and impervious surface water retention. Generally, changes to the orientation of existing components and the alteration of impervious surface may have the potential to impact floodplain function within a specific area. However, such actions are not proposed as part of this project and adverse impacts to the floodplain are not anticipated.

#### **Step 6- Reevaluation of the Proposed Action**

Although potential adverse impacts to the 100-year floodplain may be reduced by prohibiting any future construction or renovation within it, this option is not practical due to existing severe need within Puerto Rico for city revitalization and the costs and logistics prohibiting the re-establishment of entire communities outside of the floodplain. With respect to wetlands and waters of the United States, the property does not include wetlands identified by the National Wetlands Inventory (NWI).

Based on a review of the practical alternatives and their implementation wherever possible, the proposed action to improve the existing plazas is deemed to be the most appropriate and is selected as the final action. This determination is made on the basis of feasibility, cost, enhancement of quality of life, features for the community, land availability, and lack of impacts to wetlands. The improvements will provide an improved public gathering place for area residents.

#### **Step 7- Publication of the Final Notice**

In our reevaluation we have determined that there is no other practical alternative to the proposed actions. A Final Floodplain Explanation Notice for the project was published in *Primera Hora* on December 21, 2023. This notice cites the reasons why the proposed actions must be located within the floodplain, a list of the alternatives considered, and the design modifications taken to minimize adverse impacts. No comments were received during the 7-day public comment period.

**Step 8- Implementation of the Proposed Action**

In conclusion, the proposed project will have no direct or indirect impacts on the floodplain and has evaluated and eliminated all project alternatives in favor of proceeding with the proposed project.

Cardinal Health, Inc.  
C/O DuCharme, McMillen & Associates Inc.  
312 Elm Street, Suite 2550 Cincinnati, OH 45202  
(800) 300-2110 ext 1980  
unclaimedproperty@dmainc.com

Nombre	Pueblo
FARMACIA VILLAS DE CASTRO INC	CAGUAS
FARMACIA SAN LUIS	SAN LORENZO
HOSPITAL PAVIA SANTURCE	SANTURCE

Estos fondos serán pagaderos en o antes del día 30 de noviembre próximo a aquellas personas que establezcan a satisfacción de esta Compañía a su derecho a recibir los mismos. El próximo 30 de diciembre dichos fondos serán remitidos al Comisionado de Instituciones Financieras quien será de ahí en adelante responsable del pago de los mismos. Por reglamento los gastos de publicación de este aviso serán reducidos del pago de los fondos. El 30 de agosto se rindió un informe sobre estos fondos al Comisionado de Instituciones Financieras, copia de dicho informe estará disponible en nuestras oficinas y en la página de internet: [www.dmainc.com](http://www.dmainc.com).

GOBIERNO DE PUERTO RICO  
DEPARTAMENTO DE TRABAJOS Y RECURSOS HUMANOS  
Administración de Seguridad y Salud Ocupacional de Puerto Rico (PR-OSHA)  
ANTI EL OFICIO EJECUTIVO

CURTEL DE BALLAJA CASO NÚMERO OSRH: 2023-008

PETICIONARIO: VALORACIÓN PERMANENTE  
"ARISO"

SOLICITUD DE VALORACIÓN PERMANENTE:

El Sr. Carlos R. Rabo-Carosta, Director Ejecutivo de la Oficina Estatal de Conservación Histórica del Gobierno de Puerto Rico, con dirección postal 93, Box 9033875, San Juan, Puerto Rico 00902-7935, presenta el 16 de agosto de 2023 una solicitud sobre valoración permanente al Reglamento para Acciones y Límites Relativos, Reglamento Núm. 18, de la Administración de Salud y Seguridad Ocupacional de Puerto Rico (PR-OSHA), el accesor de revisión a modernización en el localizador y edificio conocido como El Cuartel de Ballaja sito en la Avenida Heccegany Espina Calle Boflorensada, en San Juan, Puerto Rico, con dirección postal P.O. Box 9021915, San Juan, Puerto Rico 00902-8995 cuyo petitorio fue radicado bajo el Número OSRH: 2023-008 del Oficio Ejecutivo.

El espacio existente del cuarto de máquinas del accesor no cumple con las distancias mínimas de seguridad exigidas frente al panel eléctrico de control (Sección 2.8.1 instalación de seguridad eléctrica) and wiring shall conform to NFPA 700 (CSA-C22.2) la valoración permanente solicitada a la Sección 2.8.1 es para señalar sobrecalentamiento de seguridad en el cuarto de máquinas que cuando se accionó provocó al mismo. La indicación cumplió con los requisitos de ITB 1918.22. Se instalaron reoscos en el piso alrededor de los equipos eléctricos arriesgado que deben permanecer alejados 36 pulgadas de los paneles eléctricos del accesor. Este edificio fue construido entre los años 1854 y 1864 por el ejército español, siendo categorizado como uso de conservación histórica.

La Administración de Seguridad y Salud Ocupacional de Puerto Rico (PR-OSHA), ha evaluado la solicitud de valoración permanente y se otorga la revisión. Los paneles eléctricos del accesor u otros controles deberán estar debidamente instalados. La instalación es solamente para la Sección 2.8.1, que dice "Only machinery and equipment used directly in connection with the elevator shall be permitted in machine rooms".

Toda persona interesada en este asunto está invitada a someter dentro del término de treinta (30) días de la publicación de este anuncio datos, apuntes, información escrita, puntos de vista u argumentos relacionados con la solicitud. Solo podrán ser aceptados aquellos que deshecho y preferido sobre la solicitud.

Debe dirigirse toda Solicitud al Oficial Tramitador de la Administración de Seguridad y Salud Ocupacional de Puerto Rico, Lcdo. Neje Maldonado Ayala, Edificio Prudencia Pérez Martínez, 505 Avenida Muñoz Rivera, PISO 10, San Juan, Puerto Rico 00916, teléfono 767-754-5808.

En San Juan, Puerto Rico, a 24 de agosto de 2023.

EL Lcdo. MALDONADO AYALA  
OFICIAL TRAMITADOR DE PR-OSHA

aviso público

Aviso Preliminar y Revisión Pública de una Actividad Propuesta en un Valle Inundable de 100 Años

Remodelación de la Plaza de Recreo y Quinto Centenario PR-CRP-000528

Para: Todas las partes interesadas, grupos e individuos:

Este aviso notifica que el Departamento de la Vivienda de Puerto Rico (Vivienda) en adelante ha determinado que la siguiente acción propuesta bajo el Programa de la Revitalización de la Ciudad, Subvención en Bloque para el Desarrollo Comunitario - Recuperación ante Desastres (CDBG-DR) números de subvención 8-17-DM-72-0001 y 8-18-DR-72-0001, se encuentre en un valle inundable de 100 años. Vivienda está evaluando e identificando alternativas viables para realizar la acción propuesta y el impacto potencial en el valle inundable debido a la acción propuesta, según establecido por la Orden Ejecutiva 1988, de acuerdo con las regulaciones de HUD en 24 CFR 55.20 Subpart C - Procedimientos para tomar determinaciones sobre el manejo de llamas aluviales y la protección de humedales. El proyecto propuesto, PR-CRP-000528, se encuentra dentro de un municipio que sufrió daños debido a los huracanes Irma y María, y está localizado en parcelas adyacentes a través de la avenida Barbosa, intersección con la calle Isidro Rodríguez, Cataño, PR 00982; coordenadas 18.44098276, -96.19208253 y 18.44145418, -96.19258803. La actividad propuesta está situada en una zona de inundación AE con caída de 1.3 acres. El área del proyecto se encuentra en el mapa de tarjetas de seguro contra inundaciones (FIRM, por sus siglas en inglés) (panel 7200000355), efectiva 1/18/2009, como se indica en el Centro de Servicios de Mapas de Inundaciones de FEMA en <https://msc.fema.gov/portals/home>.

El proyecto propuesto consiste en las mejoras y remodelaciones de la Plaza de Recreo y la plaza Quinto Centenario en el centro urbano de Cataño. Estas actividades incluyen un escenario de actuación, un área para jugar dominó que incluye bancos y mesas de concreto, una fuente de agua, quioscos, una pérgola, instalación de nuevos bancos fijos, estaciones de basura, nuevas luminarias LED, mejoras en la parada de autobuses y sistema de señalización, paratibicicletas, y la siembra y poda de árboles y áreas verdes.

Este aviso tiene tres propósitos principales. En primer lugar, las personas que puedan verse afectadas por las actividades en los valles inundables y aquellos que tengan interés en la protección del ambiente natural deben tener la oportunidad de expresar sus inquietudes y proveer información sobre estas áreas. Se invita a la comunidad a ofrecer ubicaciones alternativas fuera de los valles inundables, métodos alternos para cumplir el mismo propósito del proyecto y métodos para minimizar y mitigar los impactos. Segundo, un programa adecuado de avisos públicos puede ser una herramienta importante para la educación pública. La divulgación de información sobre los valles inundables puede facilitar y mejorar los esfuerzos federales por reducir los riesgos e impactos asociados con la ocupación y alteración de estas zonas especiales. Tercero, como materia de justicia, cuando el gobierno federal determine participar en acciones ubicadas en valles inundables, debe informarse a quienes puedan ser expuestos a un riesgo mayor o similar al presente.

Vivienda considerará todos los comentarios recibidos en o antes de 30 de octubre de 2023. Pueden enviar los comentarios de forma impresa a la siguiente dirección: Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Dávila, 606 avenida Barbosa, Río Piedras, PR 00918-9441; Atención: Pedro de León-Rodríguez, Especialista en Planificación y Cumplimiento Ambiental. 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. El número para obtener información es (787) 274-2927, ext. 4320. Como alternativa, también pueden enviar los comentarios a Vivienda por medio electrónico a [environmentcdbg@vivienda.pr.gov](mailto:environmentcdbg@vivienda.pr.gov).

Fecha: 25 de septiembre de 2023

Lcdo. William O. Rodríguez Rodríguez  
Secretario del Departamento de la Vivienda

public notice

Early Notice and Public Review of a Proposed Activity in the 100-Year Floodplain

Remodelling of the Recreo and Quinto Centenario Squares PR-CRP-000528

To: All Interested Parties, 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 Community Development Block Grant - Disaster Recovery (CDBG-DR) City Revitalization Program, grant numbers 8-17-DM-72-0001 and 8-18-DR-72-0001, is located in the 100-year floodplain. PRDOH will be identifying and evaluating practicable alternatives to locate the action in the floodplain and the potential impacts on the floodplain from the proposed action, as required by Executive Order 1988, in accordance with HUD regulations at 24 CFR 55.20 Subpart C - Procedures for Making Determinations on Floodplain Management and Protection of Wetlands. The proposed project, PR-CRP-000528, is within a municipality with structures damaged due to hurricanes Irma and María, and is located on adjacent squares across Barbosa Avenue, intersection with Isidro Rodríguez Street, Cataño, PR 00982; coordinates 18.44098276, -96.19208253 and 18.44145418, -96.19258803. The proposed activity is situated in a flood zone AE with dimensions of 1.3 acres. The floodplains in the project area can be found in the Flood Insurance Rate Map (FIRM) (panel 7200000355), effective 1/18/2009, as indicated in the FEMA Flood Map Service Center on <https://msc.fema.gov/portals/home>.

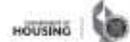
The proposed project consists in the improvements and remodeling of the Recreo Square and the Quinto Centenario Squares in the urban center of Cataño. These activities include a performance stage, an area for playing dominos that includes concrete benches and tables, a water fountain, kiosks, a pérgola, installation of new flood benches, trash cans, new LED lights, improvements to the bus stop and signage system, bicycle racks, and the planting and pruning of trees and green areas.

There are three primary purposes for this notice. Firstly, people who may be affected by activities in floodplains 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, alternative methods to serve the same project purpose, and methods to minimize and mitigate impacts. Secondly, an adequate public notice program can be an important public educational tool. The dissemination of information and request for public comment about floodplains 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 floodplains, it must inform those who may be put at greater or continued risk.

PRDOH will consider all comments received on or before October 30, 2023. Written comments can be sent to the following address: Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918-9441; Attention: Pedro de León-Rodríguez, Permit and Environmental Compliance Specialist. A complete description of the project is available to the public for review from 8:30 a. m. to 4:00 p. m. at the Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Dávila Building, Río Piedras, PR 00918. The number to get information is (787) 274-2927, ext. 4320. In the alternative, comments may also be sent to PRDOH by email to [environmentcdbg@vivienda.pr.gov](mailto:environmentcdbg@vivienda.pr.gov).

Date: September 25, 2023

William O. Rodríguez Rodríguez, Esq.  
Secretary of the Department of Housing



## Andrea Curbelo-Marty

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**From:** environmentcdbg <environmentcdbg@vivienda.pr.gov>  
**Sent:** Monday, September 25, 2023 2:11 PM  
**To:** Jose.A.CedenoMaldonado@hud.gov; Caribbean\_es@fws.gov; Edwin\_muniz@fws.gov; Rodriguez.elias@epa.gov; Guerrero.carmen@epa.gov; PublicMail.CESAJ-CC@usace.army.mil; Rich.Okulski@noaa.gov; Noah.Silverman@noaa.gov; nmfs.ser.esa.consultations@noaa.gov; FEMA-R4EHP@fema.dhs.gov; carubio@prshpo.pr.gov; comunicaciones@ddec.pr.gov; secretario@ddec.pr.gov; jannira.colon@ddec.pr.gov; Rivera\_r1@jp.pr.gov; comentarios@jp.pr.gov; pmzc@drna.pr.gov; eortega@drna.pr.gov; ayudaciudadano@drna.pr.gov; anais.rodriguez@drna.pr.gov  
**Subject:** Public Notice – Early Notice and Public Review of a Proposed Activity in the 100-Year Floodplain\_PRDOH Case PR-CRP-000528  
**Attachments:** Early Notice\_Primer Hora\_PR-CRP-000528.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 *Remodelación de la Plaza de Recreo y Quinto Centenario* (PR-CRP-000528). The Early Notice was published in the *Primera Hora* newspaper of Puerto Rico on September 25, 2023.

Respectfully,

**Permits and Environmental Compliance Division**  
Office of Disaster Recovery  
[environmentcdbg@vivienda.pr.gov](mailto:environmentcdbg@vivienda.pr.gov) | 787.274.2527  
Visit us: [www.cdbg-dr.pr.gov](http://www.cdbg-dr.pr.gov)

DEPARTAMENTO DE LA  
**VIVIENDA**



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October 11, 2023

To whom it may concern,

This letter is to validate that no comments were received in the Permits and Environmental Compliance Division e-mail: [environmentcdba@vivienda.pr.gov](mailto:environmentcdba@vivienda.pr.gov), for the project *Remodelación de la Plaza de Recreo y Quinto Centenario* (PR-CRP-000528), as part of the CDBG-DR City Revitalization Program. The Early Notice and Public Review of a Proposed Activity in the 100-Year Floodplain was published in the *Primera Hora* newspaper of Puerto Rico on September 25, 2023, with a comment period that concluded on October 10, 2023.

Cordially,

Permits and Environmental Compliance Division  
CDBG-DR/MIT Program  
[environmentcdba@vivienda.pr.gov](mailto:environmentcdba@vivienda.pr.gov) | 787.274.2527 ext. 4320

**CDBG-DR FUNDS**

## Andrea Curbelo-Marty

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**From:** Kenneth M. Garcia-De Leon  
**Sent:** Wednesday, October 11, 2023 2:59 PM  
**To:** environmentcdbg  
**Subject:** RE: Comentarios PR-CRP-000528

Saludos

Por correo postal no llegaron comentarios para mencionado proyecto.

Atentamente

**Kenneth M. García De León**  
Oficial de Radicación de Informes de Operaciones  
Oficina Recuperación de Desastres  
[kgarcia@vivienda.pr.gov](mailto:kgarcia@vivienda.pr.gov) | 787.274.2527 Ext. 4013  
Visit us: [www.cdbg-dr.pr.gov](http://www.cdbg-dr.pr.gov)  
Write us: [infocdbg@vivienda.pr.gov](mailto:infocdbg@vivienda.pr.gov)

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**From:** environmentcdbg <[environmentcdbg@vivienda.pr.gov](mailto:environmentcdbg@vivienda.pr.gov)>  
**Sent:** Wednesday, October 11, 2023 2:58 PM  
**To:** Kenneth M. Garcia-De Leon <[kgarcia@vivienda.pr.gov](mailto:kgarcia@vivienda.pr.gov)>  
**Subject:** Comentarios PR-CRP-000528

Saludos Kenneth,

Con respecto a la publicación del Aviso Preliminar y Revisión Pública de una Actividad Propuesta en una Llanura Aluvial de 100 años (Paso 2) para el proyecto **Remodelación de la Plaza de Recreo y Quinto Centenario – Cataño (PR-CRP-000528)** ¿habrá llegado algún comentario a través del correo postal? De ser así, por favor nos lo hace llegar.

Cordialmente,

**Permits and Environmental Compliance Division**

Office of Disaster Recovery

[environmentcdbg@vivienda.pr.gov](mailto:environmentcdbg@vivienda.pr.gov) | 787.274.2527

Visit us: [www.cdbg-dr.pr.gov](http://www.cdbg-dr.pr.gov)

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### aviso público

Final Finaly Ejecución Pública de una Actividad  
Proyecto en un Valle Inundable de 100 Años

Remodeling of the Rector and Quinto Centenario Square  
PR-CR-200528

Para Todos los Partes Interesados, Grupos e Individuos

Este aviso público que el Departamento de la Vivienda de Puerto Rico (Vivienda) completó una evaluación según establece la Orden Ejecutiva 1988, de acuerdo con las regulaciones de HUD en 24 CFR 55.20 Subpart C - Procedimientos para Hacer Determinaciones sobre el Manejo del Valle Inundable y la Protección de Humedales. La actividad está sujeta a subvenciones con fondos del Programa Revitalización de la Ciudad, Subvención en Alícuota para el Desarrollo Comunitario - Revitalización ante Desastres (CDSC-DR), Normas de Subvención (4-0-047-10001) y 4-0-047-10001. El proyecto propuesto PR-CR-200528 está delimitado por la calle Julián Acosta, calle Rodríguez y Del Tan y la avenida Las Mercedes, Catão, PR 00982, coordenadas 18.44700276, -66.700283. El proyecto propuesto consiste en un escenario de adaptación, un área para jugar dentro que incluye bancas y mesas de comedor, una fuente de agua, quince (15) árboles, instalaciones de juegos bancas (5), instalaciones de basuras, mamparas para el tránsito de peatones, mejoras de iluminación, estacionamientos para bicicletas, y la pintura y pedo de árboles y áreas verdes. La actividad propuesta está situada en una zona de inundación AE con un total de 13 acres. El área del proyecto se encuentra en el mapa de riesgo de agua contra inundaciones (FEMA) por sus siglas en inglés (panel 7203020203, versión 18/2020) como se indica en el Centro de Servicios de Mapas de Inundaciones de FEMA en <https://hazards.mgt.gov/home>.

Vivienda ha considerado las siguientes alternativas y medidas de mitigación para minimizar los impactos adversos y restaurar y preservar los valores naturales y beneficiosos: (1) evitar el proyecto dentro del valle inundable; (2) ubicar el proyecto fuera del valle inundable; (3) encontrar alternativas para lograr los objetivos propuestos; (4) no tener ninguna acción. La acción propuesta debe llevarse a cabo en un valle inundable porque el proyecto consiste en mejorar una plaza pública que se encuentra dentro de un valle inundable. La actual Plaza de Rector es un espacio cultural. La ubicación es única y no ha cambiado desde la formación temprana de la ciudad de Catão, y la plaza no tiene una ubicación alternativa fuera de la zona de inundación. Las alternativas consideradas influyeron la conservación de las áreas en espacios verdes mediante la eliminación de elementos no naturales. Sin embargo, las plazas tal como están orientadas actualmente, con sus componentes existentes, son históricamente significativas, y la ubicación de estas propiedades puede afectar negativamente el carácter del centro urbano histórico. Finalmente, se determinó que no tenía ninguna acción más allá de lo que el área participativa como espacio público no mejorado se consideró inapropiado. El área del proyecto incluye la restauración y construcción de agua de inundación del valle inundable. El proyecto cumplió con los procedimientos de protección del valle inundable de Puerto Rico y de la municipalidad local.

Vivienda revisó las alternativas para construir en el valle inundable y determinó que no cuenta con alternativas prácticas. La documentación ambiental que evidencia el cumplimiento de los párrafos 6 de la Orden Ejecutiva 1988 está disponible para inspección, revisión y reproducción de parte del público de ser solicitado, en el mismo lugar indicado en el último párrafo, sobre todo de conformidad con esta avis.

Este aviso tiene tres propósitos principales. Primero, las personas que pueden verse afectadas por actividades en el valle inundable y aquellos que tengan interés en la protección del ambiente están invitados recibir la oportunidad de expresar sus inquietudes y obtener información sobre estas áreas. Segundo, un programa adecuado de acción pública puede ser una importante herramienta de educación pública. La divulgación de información y solicitud de comentarios sobre el valle inundable puede ayudar a mejorar las acciones tomadas 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 determine participar en acciones relacionadas con el valle inundable, debe informarse a quienes pueden ser expuestos a un riesgo mayor o similar al presente.

Vivienda considerará todas las comentarios recibidos en el mes del 29 de diciembre de 2023. Pueden enviar los comentarios de forma impresa a la siguiente dirección: Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Davila, 606 avenida Barbosa, Río Piedras, PR 00986-6461. Atención: Pedro de León-Rodríguez, Especialista en Recursos y Cumplimiento Ambiental. Una descripción completa del proyecto está disponible al público para revisión de \$20 a un \$100 por hora, en el Departamento de la Vivienda de Puerto Rico, edificio Juan C. Cordero Davila, 606 avenida Barbosa, Río Piedras, PR 00986. El número para obtener información es (787) 294-2527 ext. 4320. Como alternativa, también pueden enviar los comentarios a Vivienda por medio electrónico a [environment@viviendaprr.gov](mailto:environment@viviendaprr.gov).

Fecha: 21 de diciembre de 2023

  
Lizet Rodríguez Rodríguez  
Secretario del Departamento de la Vivienda



### public notice

Final Notice and Public Consultation of a Proposed Activity in a 100-Year Floodplain

Remodeling of the Rector and Quinto Centenario Square  
PR-CR-200528

To All Interested Parties, Groups, and Individuals

This is to give notice that the Puerto Rico Department of Housing (PRDOH) has conducted an evaluation as required by Executive Order 1988, in accordance with HUD regulations at 24 CFR 55.20 Subpart C - Procedures for Making Determinations on Floodplain Management and Wetlands Protection. The activity is funded under the Community Development Block Grant - Disaster Recovery (CDG-DR), City Revitalization Program, grant numbers 54742475-0001 and 54842475-0003. The proposed project PR-CR-200528 is located by the streets Julián Acosta, Calle Rodríguez, and Del Tan and Las Mercedes Avenue, Catão, PR 00982, coordinates 18.44700276, -66.700283. The proposed project consists in a performance stage, an area for playing dominos including concrete benches and tables, a water fountain, kiosks, a parklet, installation of new fixed benches, trash cans, new LED lights, improvements to the bus stop and signage system, bicycle racks, and planting and painting of trees and green areas. The proposed activity is situated in a flood zone AE with total dimensions of 13 acres. The floodplain in the project area can be found in the Flood Insurance Rate Map (FIRM) panel 7203020203, effective 1/18/2020, as shown in the FEMA Flood Map Service Center in <https://hazards.mgt.gov/home>.

PRDOH has considered the following alternatives and mitigation measures to best avoid, minimize adverse impacts and to restore and preserve natural and beneficial values: (1) locating the project within the floodplain; (2) locating the project outside of the floodplain; (3) finding alternative methods to accomplish the proposed objectives; and (4) taking no action. The proposed action must take place in a floodplain because the project consists of improvements to a public square that is located within a floodplain. This existing Rector Square is a cultural site. The location is unique and unchanged since the early formation of the town of Catão and the square has an alternate location outside of the floodplain. Alternatives considered included converting the square to green space by removing non-natural features. However, the square, as currently oriented, with its existing components, are historically significant, and alteration of these properties may adversely affect the character of the historic urban center. Finally, it was determined that taking no action would result in the area remaining as unimproved public space and was deemed unacceptable. The project scope includes restoration to help manage the proposed measure and preserve the floodwater storage and conveyance function of the floodplain. The project will comply with Puerto Rico and local municipal floodplain protection procedures.

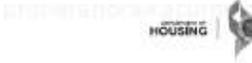
PRDOH has evaluated the alternative to building in the floodplain and has determined that it has no practicable alternative. Environmental files that document compliance with steps 3 through 6 of Executive Order 1988 are available for public inspection, reviewing, and copying upon request at the times and location stated in the last paragraph of this notice, on receipt of comments.

There are three primary purposes for this notice. First, people who may be affected by activities in the floodplain and those who have an interest in the protection of the area of 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 comment about the floodplain can help raise awareness and lead to efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of justice, when the federal government determines it will participate in actions taking place in the floodplain it must inform those who may be put at greater or continued risk.

PRDOH will consider all comments received on or before December 29, 2023. Written comments can be sent to the following address: Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Davila Building, Río Piedras, PR 00986-6461. Attention: Pedro de León-Rodríguez, Permits and Environmental Compliance Specialist. A complete description of the project is available to the public for review from 8:00 a.m. to 4:00 p.m. at the Puerto Rico Department of Housing, 606 Barbosa Avenue, Juan C. Cordero Davila Building, Río Piedras, PR 00986. The number to get information is (787) 294-2527 ext. 4320. As an alternative, comments may also be sent to PRDOH by email to [environment@viviendaprr.gov](mailto:environment@viviendaprr.gov).

Date: December 21, 2023

  
William G. Rodríguez Rodríguez, Esq.  
Secretary of the Department of Housing



**QUE NUESTROS NIÑOS  
NO SE ESCONDAN  
POR SER VÍCTIMAS DEL MALTRATO**



*José Rivera Saeed, Mily Múnica y Miriam*

**ÁNGELES VIVIENTES**

[angelesvivientes.org](http://angelesvivientes.org)

  @angelesvivientespr



## Andrea Curbelo-Marty

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**From:** environmentcdbg <environmentcdbg@vivienda.pr.gov>  
**Sent:** Thursday, December 21, 2023 11:07 AM  
**To:** Jose.A.CedenoMaldonado@hud.gov; Mahon, Donna M; Caribbean\_es@fws.gov; Edwin\_muniz@fws.gov; Rodriguez.elias@epa.gov; Guerrero.carmen@epa.gov; PublicMail.CESAJ-CC@usace.army.mil; Rich.Okulski@noaa.gov; Noah.Silverman@noaa.gov; nmfs.ser.esa.consultations@noaa.gov; FEMA-R4EHP@fema.dhs.gov; carubio@prshpo.pr.gov; comunicaciones@ddec.pr.gov; secretario@ddec.pr.gov; jannira.colon@ddec.pr.gov; Rivera\_r1@jp.pr.gov; comentarios@jp.pr.gov; pmzc@drna.pr.gov; eortega@drna.pr.gov; ayudaciudadano@drna.pr.gov; anais.rodriguez@drna.pr.gov  
**Subject:** Public Notice – Final Notice and Public Explanation of a Proposed Activity in the 100-Year Floodplain\_PRDOH Case PR-CRP-000528  
**Attachments:** Public Notice\_Primer Hora\_PR-RGRW-000528.pdf

Concerned agencies,

Enclosed please find a **Public Notice – Final Notice and Public Explanation 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 *Remodelación de la Plaza de Recreo y Quinto Centenario* (PR-CRP-000528). The Final Notice was published in the *Primera Hora* newspaper of Puerto Rico on December 21, 2023.

Respectfully,

**Permits and Environmental Compliance Division**  
Disaster Recovery Office  
[environmentcdbg@vivienda.pr.gov](mailto:environmentcdbg@vivienda.pr.gov) | 787.274.2527  
Visit us: [recuperacion.pr.gov](http://recuperacion.pr.gov)  
Contact us: [infocdbg@vivienda.pr.gov](mailto:infocdbg@vivienda.pr.gov)

DEPARTAMENTO DE LA  
**VIVIENDA**



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January 2, 2024

To whom it may concern,

This letter is to validate that no comments were received in the Permits and Environmental Compliance Division e-mail: [environmentcdba@vivienda.pr.gov](mailto:environmentcdba@vivienda.pr.gov), for the project *Remodelación de la Plaza de Recreo y Quinto Centenario (PR-CRP-000528)*, as part of the CDBG-DR City Revitalization Program. The Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain was published in the *Primera Hora* newspaper of Puerto Rico on December 21, 2023, with a comment period that concluded on December 29, 2023.

Cordially,

Permits and Environmental Compliance Division  
Disaster Recovery Office  
[environmentcdba@vivienda.pr.gov](mailto:environmentcdba@vivienda.pr.gov) | 787.274.2527 ext. 4320

**CDBG-DR FUNDS**

## Andrea Curbelo-Marty

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**From:** Kenneth M. Garcia-De Leon  
**Sent:** Wednesday, January 3, 2024 8:38 AM  
**To:** environmentcdbg  
**Subject:** RE: Comentarios - Aviso Final PR-CRP-000528

Saludos,

Por correo postal no llegaron comentarios para mencionado proyecto.

Atentamente

**Kenneth M. García De León**  
Especialista en Control de Documentos / Operaciones  
Oficina Recuperación de Desastres  
[kgarcia@vivienda.pr.gov](mailto:kgarcia@vivienda.pr.gov) | 787.274.2527 Ext. 4013  
Visítanos: [recuperacion.pr.gov](http://recuperacion.pr.gov)  
Contactanos: [infocdbg@vivienda.pr.gov](mailto:infocdbg@vivienda.pr.gov)

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**From:** environmentcdbg <environmentcdbg@vivienda.pr.gov>  
**Sent:** Tuesday, January 2, 2024 11:49 AM  
**To:** Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov>  
**Subject:** Comentarios - Aviso Final PR-CRP-000528

Saludos Kenneth,

Con respecto a la publicación del Aviso Final y Explicación Pública de una Actividad Propuesta en un valle inundable de 100 años (Paso 7) para el proyecto **Remodelación de la Plaza de Recreo y Quinto Centenario (PR-CRP-000528)** ¿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

[environmentcdbg@vivienda.pr.gov](mailto:environmentcdbg@vivienda.pr.gov) | 787.274.2527

Visit us: [recuperacion.pr.gov](http://recuperacion.pr.gov)

Contact us: [infocdbg@vivienda.pr.gov](mailto:infocdbg@vivienda.pr.gov)

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## 1.12 Historic Preservation



**GOVERNMENT OF PUERTO RICO**  
**STATE HISTORIC PRESERVATION OFFICE**

Executive Director | Carlos A. Rubio-Cancela | [carubio@prshpo.pr.gov](mailto:carubio@prshpo.pr.gov)

Tuesday, December 12, 2023

**Lauren Bair Poche**

Historic Preservation Senior Manager  
HORNE Puerto Rico  
10000 Perkins Rowe, Suite 610 Bldg G  
Baton Rouge, LA 70810

**SHPO: 06-22-23-03 PR-CRP-000528 REMODELACIÓN DE LA PLAZA DE RECREO Y QUINTO CENTENARIO, CATAÑO, PUERTO RICO**

Dear Ms. Poche,

We acknowledge the receipt of your letter dated November 29, 2023 and the corresponding addenda regarding the above referenced project.

The submitted documentation illustrates the Agency's good faith efforts to implement our comments in the amended design. As such, our records support your finding that the proposed undertaking will have **no adverse effect** upon historic properties.

If you have any questions or comments regarding this matter or require our further assistance, do not hesitate to contact our Office.

Sincerely,

**Carlos A. Rubio-Cancela**  
State Historic Preservation Officer

CARC/GMO/SG





## GOVERNMENT OF PUERTO RICO

STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio-Cancela | [carubio@prshpo.pr.gov](mailto:carubio@prshpo.pr.gov)

Wednesday, July 26, 2023

### Lauren Bair Poche, M.A.

Historic Preservation Senior Manager  
HORNE Puerto Rico  
10000 Perkins Rowe, Suite 610 Bldg G  
Baton Rouge, LA 70810

SHPO: 06-22-23-03 PR-CRP-000528 REMODELACIÓN DE LA PLAZA DE RECREO Y QUINTO CENTENARIO, CATAÑO, PUERTO RICO

Dear Ms. Poche,

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

As a Spanish colonial foundational feature of most towns in Puerto Rico, the island's *plazas de recreo* convey a physical and intangible significance related to their development and history. For those associations, which also entail social, cultural and religious interactions, they may be eligible for inclusion in the National Register of Historic Places under criteria A and C, not only as an entity within a surrounding designed and built district, but also but also based on their own merits. These *plazas* are clearly defined, significant and distinguishable entities contained by an urban environment. Their location and the tridimensional space they occupy are equally eligible. The visual and physical association between them and their immediate, built surroundings is one of the *plaza's* character defining features. Therefore, the development of *plazas* as a an NRHP type (site, in this case) obeys a historic context that should be considered as decisive in defining their patrimonial character.

In terms of form and function, the *plaza de recreo* is a unique, open and permeable space, accessed along its quadrilateral perimeter. Alterations to the above referenced features also has the potential to alter and affect a potentially historic district.



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

787.721.3757

[oech.pr.gov](http://oech.pr.gov)

Lauren Bair Poche  
SHPO: 06-22-23-03 PR-CRP-000528 REMODELACIÓN DE LA PLAZA DE RECREO Y  
QUINTO CENTENARIO, CATAÑO, PUERTO RICO  
Page 2

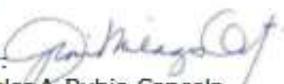
After a careful review of the submitted documentation, we believe that the proposed project should avoid the current automobile-oriented programmatic approach that adversely alters the aforementioned traditional, geometric outline. This specific concern may be extended to the proposed Isidro Rodríguez Street and the Barbosa Avenue interventions.

We believe that a finding of "no adverse effect" would be adequate for the proposed undertaking conditioned to (a) the applicant's amendment of the project so that it fully complies with the Secretary of the Interior's *Standards for Rehabilitation*, and takes into consideration the SHPO comments and (b) submit the revised project drawings for our review and comments.

According to CFR § 800.5(b), if the Federal Agency accepts this condition they should provide us with written notification confirming their acceptance. They will then have fulfilled their responsibilities under Section 106. In the event they do not accept the condition, please notify us accordingly so that we can continue with the Section 106 process.

If you have any questions or comments regarding this matter or require our further assistance, do not hesitate to contact our Office.

Sincerely,

Por:   
Carlos A. Rubio-Cancela  
State Historic Preservation Officer

CARC/GMO/SG





October 20, 2022

**Arch. Carlos A. Rubio Cancela**  
Executive Director  
State Historic Preservation Officer  
Cuartel de Ballajá Bldg.  
San Juan, Puerto Rico

**Re: Authorization to Submit Documents**

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

  
Juan C. Pérez Bofill, P.E. M.Eng  
Director of Disaster Recovery  
CDBG DR-MIT

CDBG-DR FUNDS | HOUSING

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

November 29, 2023

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

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

Re: SHPO 06-22-23-03 – Acceptance of Conditions and Submittal of Revised 90% Design Plans for PR-CRP-000528, Remodelación de la Plaza de Recreo y Quinto Centenario Project, Cataño, Puerto Rico

Dear Architect Rubio Cancela,

On behalf of the Puerto Rico Department of Housing (PRDOH) and the subrecipient, the Municipality of Cataño, we thank you for your letter response dated July 26, 2023 for PR-CRP-000528. In that letter, your office outlined the significance of the island's *plazas de recreo* which are both physically and intangibly significant for the town's development and history. Due to their social, cultural, and religious significance, they are eligible for inclusion in the National Register of Historic Places under Criteria A and C; they are both individually significant and an important part of what makes the urban centers eligible districts. While the materials in the plazas have changed over time, it is the visual and physical association between the plaza itself and its surroundings are also significant, with their shape and openness or "permeability" being a character defining feature. The response pointed out that altering these characteristics has the potential to alter and affect the historic district.

Furthermore, it was observed that the proposed project should avoid the automobile oriented programmatic approach that adversely alters the traditional shape of the plaza, specifically along the proposed Isidro Rodriguez Street and Barbosa Avenue interventions. As such, the letter stated that you believed that a finding of "no adverse effect" would be adequate for the proposed undertaking conditioned to (a) the applicant's amendment of the project so that it fully complies with the *Secretary of the Interior's Standards for Rehabilitation* and takes into consideration the SHPO comments and (b) submit the revised project drawings for our review and comments.

As requested in the letter and on behalf of PRDOH, we accept these conditions to ensure a finding of "no adverse effect" to historic properties. We are providing the revised 90% drawings as provided by the Municipality of Cataño's architectural firm for this project, as well as a memo from the lead designer discussing the changes that were made. The Program is hopeful that these changes meet your expectations, and we look forward to your response.



Please contact me with any questions or concerns by email at [lauren.poche@horne.com](mailto:lauren.poche@horne.com) or phone at 225-405-7676.

Kindest regards,

A handwritten signature in blue ink that reads 'Lauren Bair Poche'.

**Lauren Bair Poche, M.A.**

Architectural Historian, EHP Senior Manager

Attachments

November 16, 2023

Arq. Carlos A. Rubio Cancela  
State Historic Preservation Officer  
State Historic Preservation Office (SHPO) Puerto Rico

**RE:** SHPO: 06-22-23-03 PR-CRP-000528 REMODELACIÓN DE LA PLAZA DE RECREO Y QUINTO CENTENARIO, CATAÑO, PUERTO RICO / CDBG-DR-CRP-000528 / REVISED PROJECT

We submit for your consideration the amended project (CDBG-DR-CRP-000528). In making the changes, comments issued by the State Historic Preservation Office (letter dated July 16, 2023) for compliance with the U.S. Secretary of the Interior's Standards for Rehabilitation were taken into consideration. Some aspects of the new design are detailed below, and plans are attached for reference.

With the intent to continue the Section 106 consultation process and in response to comments received on July 16, 2023, we submit the following revised plans and views and emphasizing the following important points.

1. The geometry of the plaza was revised to respect the orthogonal edge of the existing footprint. The proposed project footprint coincides with the original footprint of the plaza.

Please see diagram of superimposed floor plans provided for reference. In this way, a geometry is proposed that does not respond to automobile use, but rather to the pedestrian's relationship with the plaza and surrounding sidewalks. The new design proposal seeks to emphasize the recreational and contemplative relationship of the public space.

2. The number of parking spaces around the Plaza was reduced to allow for a greater connection between the plaza and the surrounding sidewalks, from approximately 26 parking spaces to 13, a reduction of 50%.

3. The floor pattern was revised, and an orthogonal pattern was created that respects the existing geometry but manages to connect diagonally the two plazas (Recreo and Quinto Centenario).

4. The landscape area was increased in both squares. In the Recreo Plaza, the area of trees was increased from 2,290 square feet to 3,100 square feet. In the Quinto Centenario Plaza, the landscape area was increased from 140 square feet to 1,200 square feet. In total,



**E RBA**

the project proposes the planting of 29 trees in addition to the existing 11 for a total of 40 trees. This represents an increase of 364%.

In conclusion, it is our understanding that the proposal presented here fully complies with the Office's comments to preserve the elements that define the historic character of the Plaza while maintaining the visual and physical association with its surroundings. On the other hand, the spatial characteristics related to the accesses around its perimeter were preserved, allowing the spatial permeability of the Plaza.

We add to the information presented above that the project has a favorable recommendation from the Puerto Rican Institute of Culture's (ICP) Built Historical Heritage Program (PPHE). Attached is a letter for reference.

Cordially,



Arq. Eugenio Ramirez Ballagas, AIA, CAAPPR  
Principal  
ERB Arquitectos, PSC



27 de septiembre de 2023

Lic. Félix E. Rivera Torres  
Secretario Auxiliar Interino  
DEPARTAMENTO DE DESARROLLO ECONÓMICO Y COMERCIO  
Oficina de Gerencia de Permisos  
PO Box 41179  
San Juan, Puerto Rico 00940-1179

## RECOMENDACIÓN FAVORABLE ETAPA DE DISEÑO PRELIMINAR

**CASO OGPE: 2023-478340-SRA-070296**

**DESCRIPCIÓN: REMODELACION DE LA PLAZA DE RECREO Y LA PLAZA DEL V  
CENTENARIO**

**MUNICIPIO: CATAÑO**

**UBICACIÓN: AVENIDA LAS NEREIDAS, CENTRO URBANO DE CATAÑO**

**CATASTRO: 040-081-057-01**

**CALIFICACIÓN: VIAL**

**PROPIETARIO: MUNICIPIO AUTONOMO DE CATAÑO**

**PROPONENTE: ARQ. EUGENIO RAMIREZ BALLAGAS  
ERBA ARQUITECTOS**

Estimados señores:

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.

Calle Beneficencia, Viejo San Juan | P.O. BOX 9024184, San Juan, Puerto Rico 00902-4184

## RECOMENDACIÓN FAVORABLE ETAPA DE DISEÑO PRELIMINAR

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DESCRIPCIÓN: REMODELACION DE LA PLAZA DE RECREO Y LA PLAZA DEL V CENTENARIO

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- 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.
  - b. Resolución Núm. 2017-0014: Para declarar Lugar de Valor Histórico-Cultural: Patrimonio del Pueblo de Puerto Rico a la Isleta de San Juan.
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 Operación de Negocios [Reglamento de Emergencia],** Reglamento 41 de la Junta de Planificación con vigencia del 16 de junio de 2023.
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.<sup>1</sup>
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,

<sup>1</sup> 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.



**RECOMENDACIÓN FAVORABLE ETAPA DE DISEÑO PRELIMINAR**

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DESCRIPCIÓN: REMODELACION DE LA PLAZA DE RECREO Y LA PLAZA DEL V CENTENARIO  
MUNICIPIO: CATAÑO  
UBICACION: AVENIDA LAS NEREIDAS, CENTRO URBANO DE CATAÑO  
CATASTRO: 040-081-057-01  
CALIFICACION: VIAL  
PROPIETARIO: MUNICIPIO AUTONOMO DE CATAÑO  
PROPONENTE: ARQ. EUGENIO RAMIREZ BALLAGAS  
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- 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.
    - e. Otras propiedades referidas por cualquier componente del Sistema Unificado de Información (SUI), 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 con nuestros expedientes y la información provista:

1. Tanto la Plaza de Recreo como la Plaza del V Centenario se ubican en el centro fundacional de Cataño.
2. la Plaza de Recreo y la Plaza del V Centenario NO presentan componentes visibles sobre la tierra con valor histórico evidente.
3. Se propone la etapa de diseño preliminar de la propuesta para las obras de remodelación de la Plaza de Recreo y la Plaza del V Centenario en el centro urbano de Cataño.

En este marco de referencia, y conforme a los documentos sometidos, el ICP-PPHE emite su **RECOMENDACIÓN FAVORABLE** a las obras previamente mencionadas en la propiedad de referencia. Esta recomendación se condiciona a lo siguiente:

1. Esta es una recomendación a la etapa preliminar de diseño, por lo que de requerir nuestra aprobación para la etapa de documentos de construcción, se radicará la solicitud con la documentación correspondiente para nuestra evaluación y acción aplicable.

**SE ADVIERTE** que esta intervención **NO incluye ninguna obra de intervención u otra fase de construcción o restauración, instalación o cambio de infraestructura y otros rótulos.** Conforme a lo dispuesto en la Regla 10.2.2, "Requerimiento Expedición de Permisos y Recomendaciones en Sitios y Zonas Históricas", del Reglamento Conjunto, toda nueva obra de infraestructura o cambios a la infraestructura existente (instalación, reparación, sustitución o cambios en instalaciones de gas, plomería, aire acondicionado, electricidad, luminaria, telecomunicaciones, alarmas, rejas, trampas de grasa, etc.),

Programa de Patrimonio Histórico Edificado  
Apartado 9024184, San Juan, Puerto Rico 00902-4184  
Teléfono: (787) 724-0700 / (787) 724-1624, ext. 1301  
Correo Electrónico: [pphe@icp.pr.gov](mailto:pphe@icp.pr.gov)



**RECOMENDACIÓN FAVORABLE ETAPA DE DISEÑO PRELIMINAR**

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requiere un permiso de la OGPe con la correspondiente recomendación del ICP. Si las obras de instalaciones, sustituciones o cambios sencillos en infraestructura o materiales de construcción estuvieran exentas del requisito de sacar un permiso en OGPe, estas **SIEMPRE** requerirán de la evaluación y recomendación correspondiente, *escrita*, del Programa de Patrimonio Histórico Edificado. En tal caso, el proponente solicitará recomendación de sustitución o cambios sencillos directamente en el ICP. De lo contrario se expone a:

1. Revocación inmediata de las recomendaciones emitidas y denegación - por causa de estas obras - de futuros beneficios de exención, de estar el edificio no-exento al momento.
2. Aplicación de sanciones (multas administrativas y/u otras) según el Reglamento de Procedimientos Administrativos del Programa de Patrimonio Histórico Edificado (Reglamento Número 7746, con vigencia del 3 de abril de 2009). *Esta acción es independiente de que el edificio sea o no elegible, o que tenga o no exención contributiva.*

**Esta comunicación no incluye los elementos a evaluarse conforme a la Ley 112-1988, Ley de Patrimonio Arqueológico Terrestre, lo cual debe hacerse mediante solicitud separada al Programa de Arqueología y Etnohistoria del ICP. Las evaluaciones ambos programas y el consejo son necesarias para concluir el proceso con esta agencia.**

Este documento tiene vigencia de un año a partir de su expedición.

Sin nada más al particular, quedamos.



Mildred González-Valentín, BDA, MArch.  
Subdirectora en Conservación  
Programa de Patrimonio Histórico Edificado

MGV/jcsl

Cc: Expediente caso OGPe  
Conservacionista a cargo evaluación del caso: José C. Silvestre Lugo  
Arqto. Héctor Balvanera Alfaro, Director PPHE, ICP

Anejo:

Programa de Patrimonio Histórico Edificado  
Apartado 9024184, San Juan, Puerto Rico 00902-4184  
Teléfono: (787) 724-0700 / (787)724-1624, ext. 1301  
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1. Reglamento Conjunto para la Evaluación y Expedición de Permisos Relacionados al Desarrollo, Uso de Terrenos y Operaciones de Negocios (RC-2020); registrado en el Departamento de Estado de Puerto Rico bajo el Número 9233 con vigencia de 2 de enero de 2021. 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-2020); registrado en el Departamento de Estado de Puerto Rico bajo el Número 9233 con vigencia de 2 de enero de 2021. 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 I 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 "I": 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 Eventuales 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



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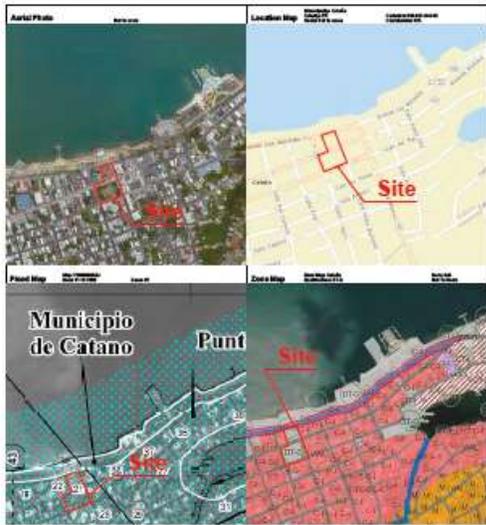
Legislativa, o en otras áreas especiales donde así se establezca mediante Reglamento o resolución, deberá obtener la autorización correspondiente del ICP, mediante una solicitud de recomendación de arqueología y conservación histórica ("SRA").

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 "T": 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 "e" Zonas Históricas y Centros Fundacionales.

MGV







DEPARTAMENTO DE LA VIVIENDA



For Permit Purpose

**Municipio Autónomo de Cataño**  
**CDBG-DR: 000528 Remodelación**  
**Plaza de Recreo y Quinto**  
**Centenario**  
 P.O. Box 428  
 Cataño PR 00963



Project Number 22\_022

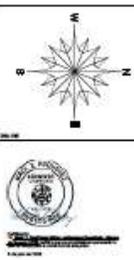
Item No.	Description	Quantity	Unit	Price	Total
<b>General Items</b>					
A.0.1	See Item			0	0
A.0.2	Project Location			0	0
A.0.3	General Notes			0	0
A.0.4	General Plans			0	0
<b>Utility Items</b>					
A.1.1	See Item			0	0
A.1.2	Plan for Utility Services to Existing Park			0	0
A.1.3	Plan for Utility Services to Existing Plaza			0	0
A.1.4	Plan for Utility Services to Existing Plaza			0	0
<b>Building Construction Items</b>					
B.0.1	See Item			0	0
B.0.2	Plan for Building Construction to Existing Building			0	0
B.0.3	Plan for Building Construction to Existing Building			0	0
B.0.4	Plan for Building Construction to Existing Building			0	0
<b>Construction Items - Other</b>					
C.0.1	See Item			0	0
C.0.2	Plan for Building Construction to Existing Building			0	0
C.0.3	Construction Tools			0	0
C.0.4	Plan for Building Construction to Existing Building			0	0
C.0.5	Plan for Building Construction to Existing Building			0	0
<b>Construction Items - Other</b>					
D.0.1	See Item			0	0
D.0.2	See Item			0	0
D.0.3	See Item			0	0
<b>Construction Items - Other</b>					
E.0.1	See Item			0	0
E.0.2	See Item			0	0
E.0.3	See Item			0	0
E.0.4	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
A.1.2	See Item			0	0
A.1.3	See Item			0	0
A.1.4	See Item			0	0
A.1.5	See Item			0	0
A.1.6	See Item			0	0
<b>Construction Items - Other</b>					
F.0.1	See Item			0	0
F.0.2	See Item			0	0
F.0.3	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
G.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
H.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
I.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
J.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
K.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
L.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
M.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
N.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
O.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
P.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
Q.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
R.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
S.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
T.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
U.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
V.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
W.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
X.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
Y.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					
Z.0.1	See Item			0	0
<b>Other</b>					
A.1.1	See Item			0	0
<b>Construction Items - Other</b>					



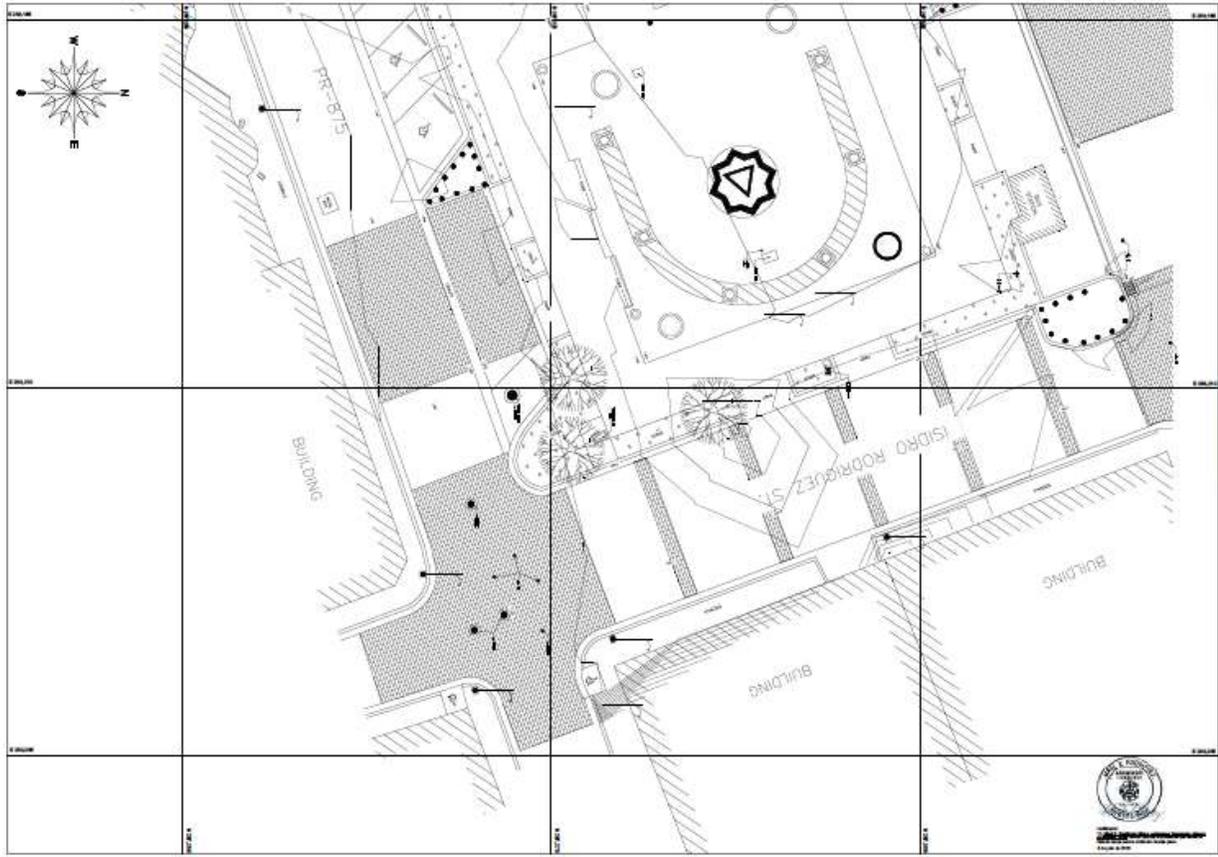






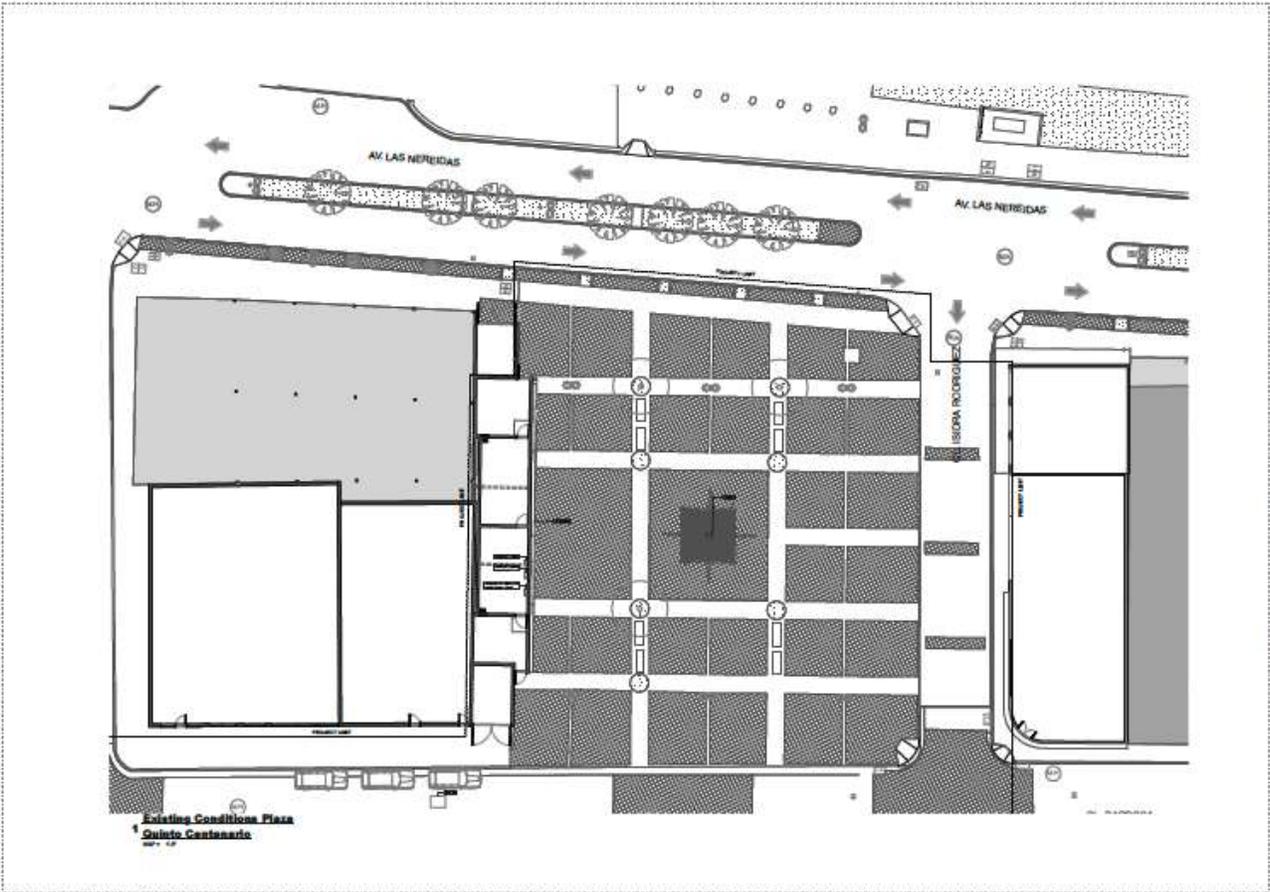


<p>03.14</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p>		<p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p>	<p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p>
<p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p>		<p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p>	<p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p> <p>PROYECTO: RECONSTRUCCIÓN DEL PLAN DE</p>



<p>PROYECTO: <b>COMPLEJO 3000</b>  <b>Remodelación Plaza de          Reyes y Centro Comercial</b></p>	
<p>FECHA: 03/14</p>	<p>ESCALA: 1:500</p>
<p>PROYECTADO POR: CARLOS J. JIMENEZ</p>	<p>REVISADO POR: CARLOS J. JIMENEZ</p>
<p>APROBADO POR: CARLOS J. JIMENEZ</p>	<p>OTRO: CARLOS J. JIMENEZ</p>



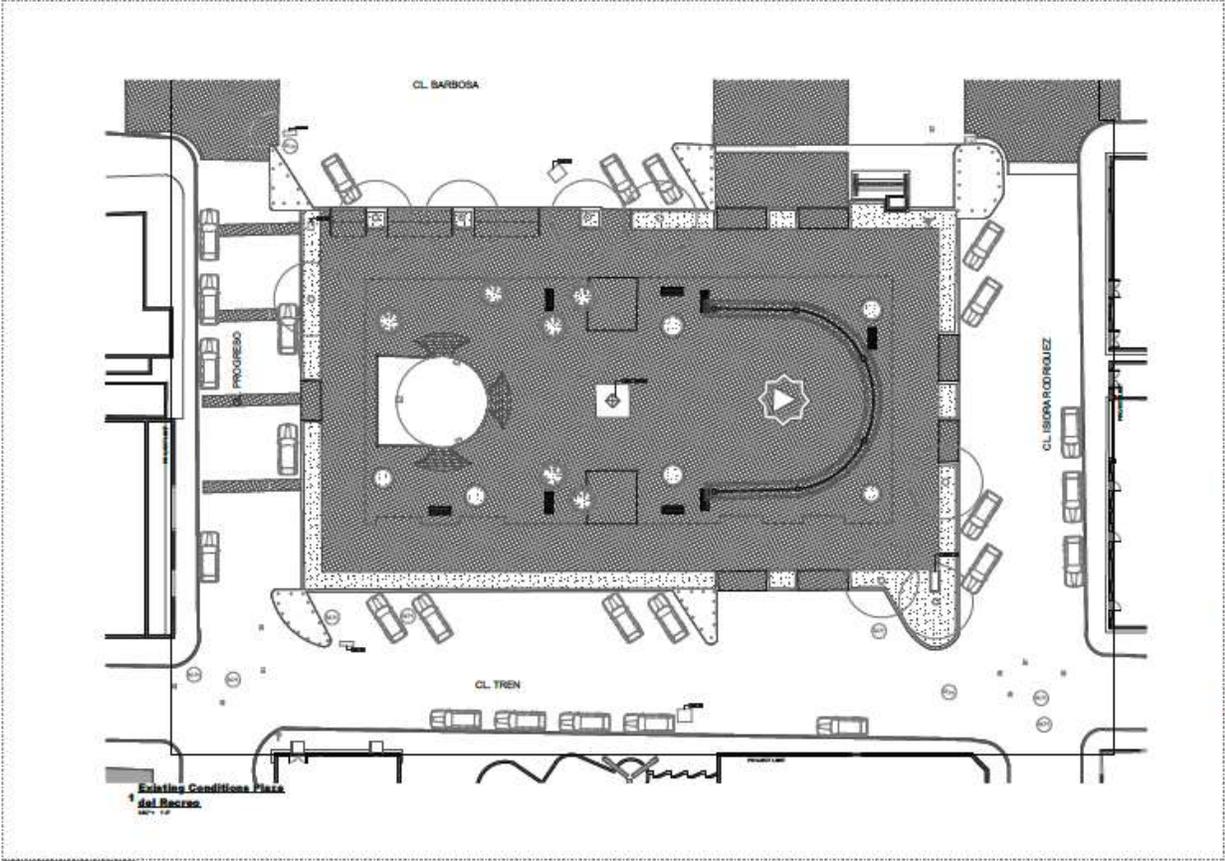


**E-RBA**

**PROYECTO:** CDSQ-UR-00025  
**RENOVACION DE PLAZA DE  
 HERNAN Y OLIVERA CANTARERO**

**CLIENTE:** Dpto. de Obras Públicas  
**PROYECTISTA:** S. R. L. de Ingenieros  
**PROYECTISTA EN JEFE:** Ing. [Nombre]  
**PROYECTISTA:** Ing. [Nombre]

**EC-1.1**  
**FECHA:** [Fecha]  
**ESCALA:** [Escala]  
**PROYECTISTA:** [Nombre]  
**PROYECTISTA EN JEFE:** [Nombre]



  
**E R B R**  
 CAROLINA MENDOZA  
 Remodelación Plazuela  
 Recreo y Obras Complementarias  
 2017  
 Escala: 1:500  
 AutoCAD 2017  
 DWG

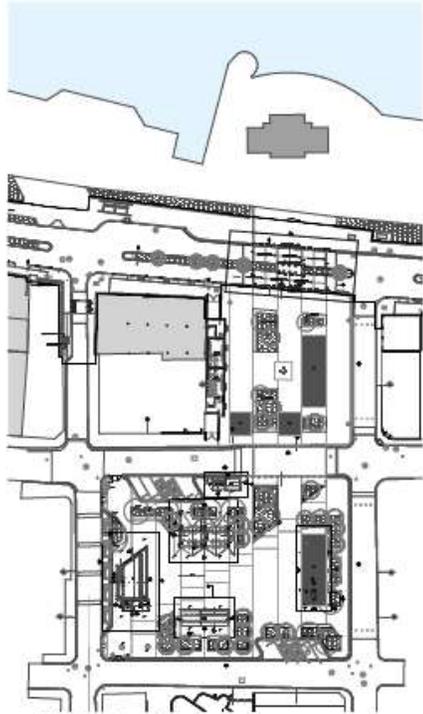












2 Planta Estructura - Plazas



Render New Proposal Site  
Plan



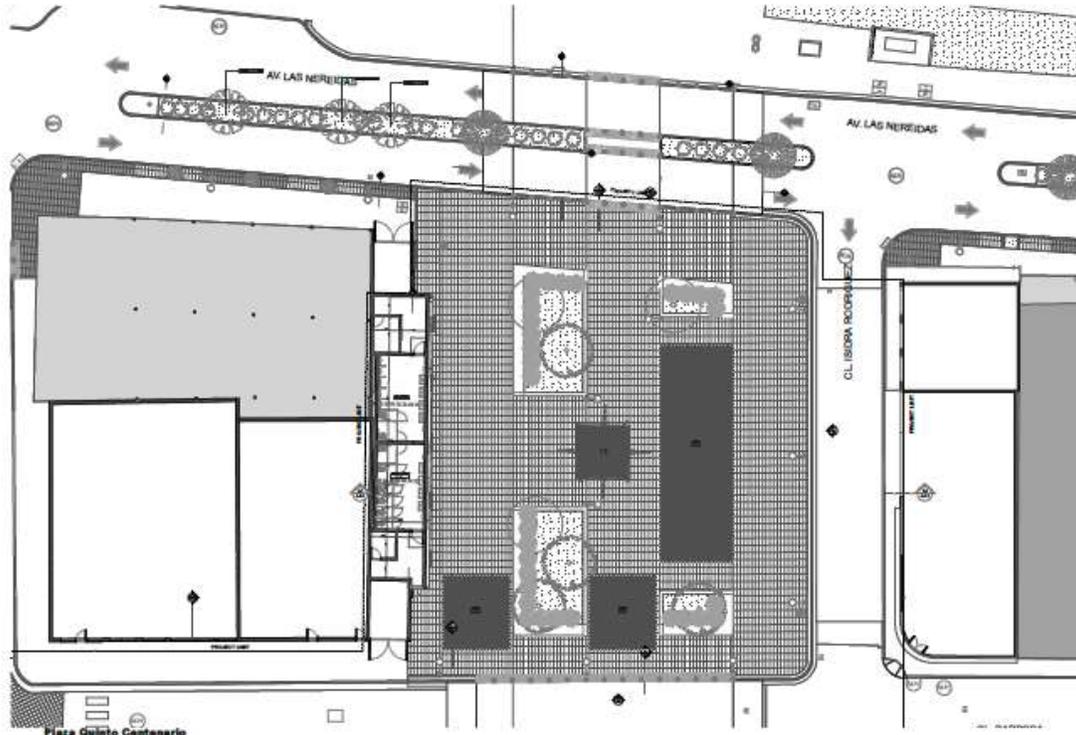
E-RBR

PROYECTO DE CONSTRUCCIÓN DE UN COMPLEJO RESIDENCIAL EN LA ZONA DE LA CALLE 100 N. Y CALLE 100 E. EN LA CIUDAD DE BOGOTÁ. COLOMBIA. ELABORADO POR: ESTUDIO ARQUITECTÓNICO Y DE INGENIERÍA CIVIL S.A.S. (E-RBR) EN COORDINACIÓN CON: ESTUDIO DE INGENIERÍA CIVIL S.A.S. (E-IC) EN COORDINACIÓN CON: ESTUDIO DE INGENIERÍA CIVIL S.A.S. (E-IC)

PROYECTO: COMPLEJO RESIDENCIAL EN LA ZONA DE LA CALLE 100 N. Y CALLE 100 E. EN LA CIUDAD DE BOGOTÁ. COLOMBIA. ELABORADO POR: ESTUDIO ARQUITECTÓNICO Y DE INGENIERÍA CIVIL S.A.S. (E-RBR) EN COORDINACIÓN CON: ESTUDIO DE INGENIERÍA CIVIL S.A.S. (E-IC) EN COORDINACIÓN CON: ESTUDIO DE INGENIERÍA CIVIL S.A.S. (E-IC)

ESTUDIO ARQUITECTÓNICO Y DE INGENIERÍA CIVIL S.A.S. (E-RBR) EN COORDINACIÓN CON: ESTUDIO DE INGENIERÍA CIVIL S.A.S. (E-IC) EN COORDINACIÓN CON: ESTUDIO DE INGENIERÍA CIVIL S.A.S. (E-IC)

ESTUDIO ARQUITECTÓNICO Y DE INGENIERÍA CIVIL S.A.S. (E-RBR) EN COORDINACIÓN CON: ESTUDIO DE INGENIERÍA CIVIL S.A.S. (E-IC) EN COORDINACIÓN CON: ESTUDIO DE INGENIERÍA CIVIL S.A.S. (E-IC)



**Plaza Gálvez Centenario**  
**Plan**  
 escala 1:50



**E- RBR**

**PROYECTO:** COMISIÓN DE PLANEACIÓN Y DESARROLLO URBANO  
**REVISIÓN:** REVISIÓN DE PLANEACIÓN URBANA  
**FECHA:** 2014

**PROYECTO:** COMISIÓN DE PLANEACIÓN Y DESARROLLO URBANO  
**REVISIÓN:** REVISIÓN DE PLANEACIÓN URBANA  
**FECHA:** 2014

**A-15**  
**PROYECTO:** COMISIÓN DE PLANEACIÓN Y DESARROLLO URBANO  
**REVISIÓN:** REVISIÓN DE PLANEACIÓN URBANA  
**FECHA:** 2014





**E-1 Elevation**  
1/8" = 1'-0"



**E-2 Elevation**  
1/8" = 1'-0"



**E-RBA**

**UNIVERSITY OF NORTH CAROLINA**  
 ARCHITECTURAL SERVICES  
 101 SOUTH CAMPUS DRIVE  
 CHAPEL HILL, NC 27514  
 TEL: 919.958.7000  
 FAX: 919.958.7001  
 WWW: ARCHITECTS.UNC-CH.EDU

**PROJECT:** CB&Q/DR, KINGS MANSION  
**ARCHITECTURAL SERVICES**  
 101 SOUTH CAMPUS DRIVE  
 CHAPEL HILL, NC 27514  
 TEL: 919.958.7000  
 FAX: 919.958.7001  
 WWW: ARCHITECTS.UNC-CH.EDU

**DATE:** 08/11/11  
**SCALE:** 1/8" = 1'-0"

**A-21**  
**DATE:** 08/11/11  
**SCALE:** 1/8" = 1'-0"



**E-3 Elevation**  
Scale: 1/8" = 1'-0"



**E-4 Elevation**  
Scale: 1/8" = 1'-0"



**E-3/4**

**PROJECT INFORMATION**  
 Project Name: **CEBES (Cebu) Medical Research Center**  
 Location: **Alabang, Muntinlupa City, Metro Manila**  
 Client: **CEBES (Cebu) Medical Research Center**  
 Architect: **ARCHITECTURE**  
 Date: **2023**

**DESIGNER**  
 Name: **ARCHITECTURE**  
 Address: **1234 Street, Alabang, Muntinlupa City, Metro Manila**  
 Phone: **+63 2 123 4567**  
 Email: **info@architecture.com**

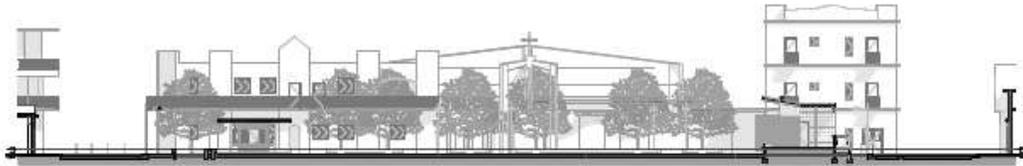
**SCALE**  
 Elevation: **1/8" = 1'-0"**  
 Section: **1/4" = 1'-0"**

**DATE**  
 Issued: **2023-10-27**  
 Revised: **None**

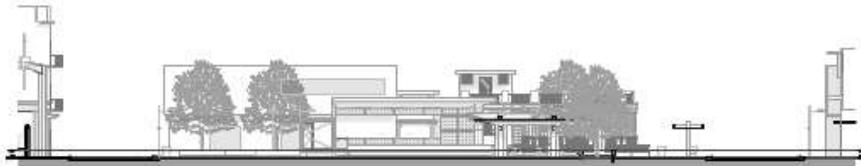
**REVISIONS**

No.	Description	Date
1	Initial Issue	2023-10-27

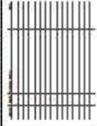




s-1 Section



s-2 Section



E-RBA

UNIVERSITY OF THE PHILIPPINES  
 ARCHITECTURAL DIVISION  
 100 BARANGAY PANGKALAN, QUEZON CITY  
 TEL. (632) 279-8111  
 FAX (632) 279-8111

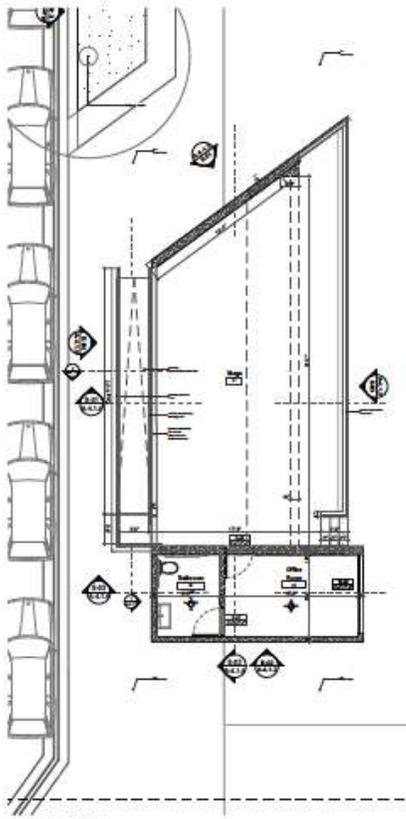
**PROJECT:** CEBU-ORIENT  
**RENOVATION PHASE 1**  
**RENOVATION PHASE 2**  
**RENOVATION PHASE 3**  
**RENOVATION PHASE 4**  
**RENOVATION PHASE 5**  
**RENOVATION PHASE 6**  
**RENOVATION PHASE 7**  
**RENOVATION PHASE 8**  
**RENOVATION PHASE 9**  
**RENOVATION PHASE 10**  
**RENOVATION PHASE 11**  
**RENOVATION PHASE 12**  
**RENOVATION PHASE 13**  
**RENOVATION PHASE 14**  
**RENOVATION PHASE 15**  
**RENOVATION PHASE 16**  
**RENOVATION PHASE 17**  
**RENOVATION PHASE 18**  
**RENOVATION PHASE 19**  
**RENOVATION PHASE 20**  
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**RENOVATION PHASE 45**  
**RENOVATION PHASE 46**  
**RENOVATION PHASE 47**  
**RENOVATION PHASE 48**  
**RENOVATION PHASE 49**  
**RENOVATION PHASE 50**

**DATE:** 08/11/2011  
**SCALE:** 1/8" = 1'-0"  
**PROJECT NO.:** 11-001  
**DESIGNER:** ARCHITECT  
**DATE:** 08/11/2011

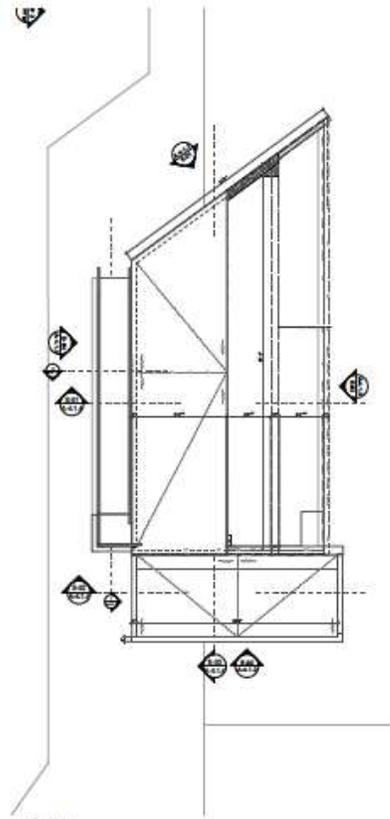
**NO.:** A-31  
**DATE:** 08/11/2011  
**DESIGNER:** ARCHITECT  
**DATE:** 08/11/2011







1 Floor Plan



2 Roof Plan



**E-RBR**

**REVISIONS**

No.	Description	Date
1	...	...
2	...	...
3	...	...
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48	...	...
49	...	...
50	...	...

**PROJECT**

**CEDULA DE COMERCIO**  
**RENOVACION DE LA LICENCIA DE**  
**RENOVACION DE LA LICENCIA DE**  
**RENOVACION DE LA LICENCIA DE**

**CLIENTE**

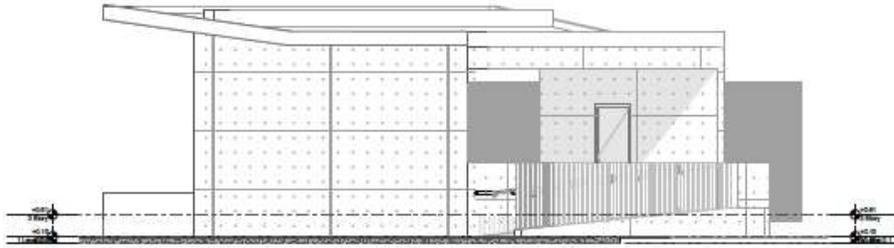
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**RENOVACION DE LA LICENCIA DE**

**PROYECTO**

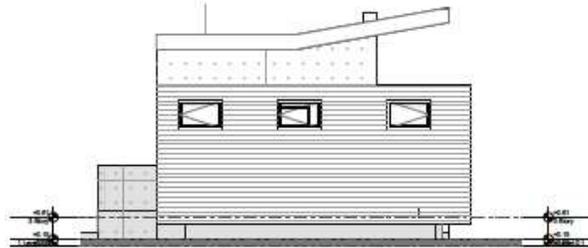
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**RENOVACION DE LA LICENCIA DE**  
**RENOVACION DE LA LICENCIA DE**

**PROYECTO**

**RENOVACION DE LA LICENCIA DE**  
**RENOVACION DE LA LICENCIA DE**  
**RENOVACION DE LA LICENCIA DE**



E-01 Elevation



E-02 Elevation



E-01

PROYECTO DE RENOVACION Y OBRAS DE REPARACION DEL PABILLON DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

CLIENTE: COMISIÓN NACIONAL PARA EL DESARROLLO URBANO Y OBRAS DE REPARACION DEL PABILLON DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

PROYECTO: RENOVACION Y OBRAS DE REPARACION DEL PABILLON DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

PROYECTO: RENOVACION Y OBRAS DE REPARACION DEL PABILLON DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

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PROYECTO: RENOVACION Y OBRAS DE REPARACION DEL PABILLON DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

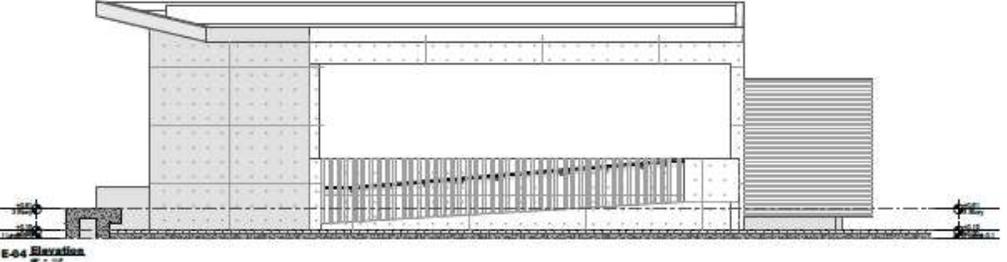
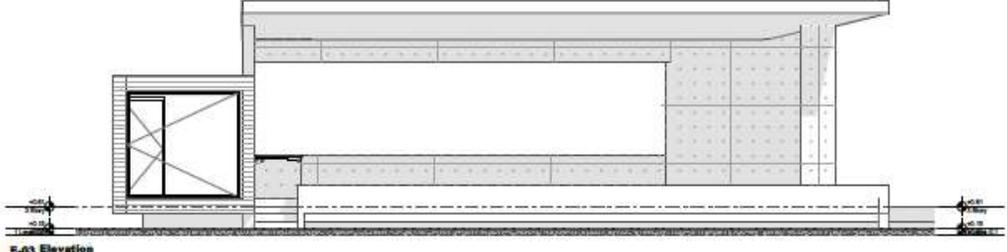
PROYECTO: RENOVACION Y OBRAS DE REPARACION DEL PABILLON DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

PROYECTO: RENOVACION Y OBRAS DE REPARACION DEL PABILLON DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

PROYECTO: RENOVACION Y OBRAS DE REPARACION DEL PABILLON DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

PROYECTO: RENOVACION Y OBRAS DE REPARACION DEL PABILLON DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

PROYECTO: RENOVACION Y OBRAS DE REPARACION DEL PABILLON DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO



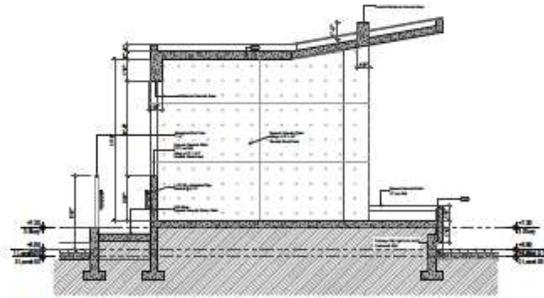
E-03a

PROJECT: RENOVATION OF THE  
 NATIONAL ARCHITECTURAL MUSEUM  
 AND GALLERY CENTER  
 1000, AVENUE OF THE ARTS  
 METRO MANILA, PHILIPPINES

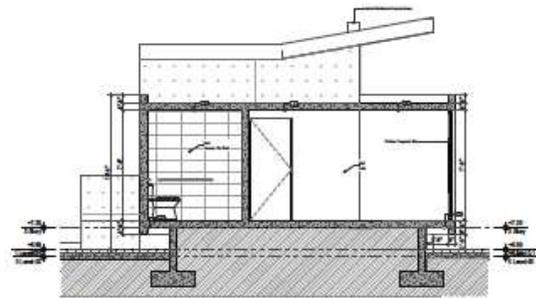
CLIENT: NATIONAL ARCHITECTURAL ASSOCIATION OF THE PHILIPPINES  
 ARCHITECT: RICHARD KIMURA ARCHITECTS  
 1000, AVENUE OF THE ARTS  
 METRO MANILA, PHILIPPINES

DATE: 2018-01-15  
 SCALE: 1/8" = 1'-0"

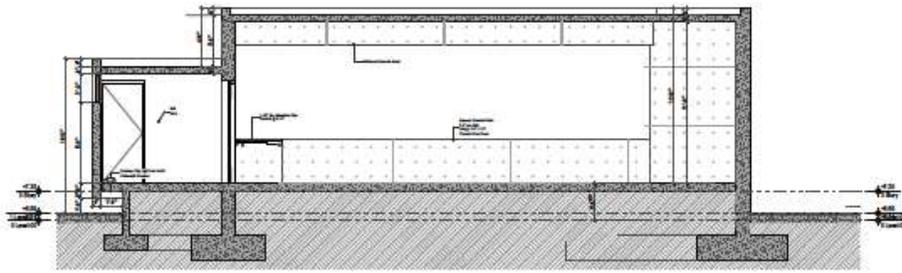
NO. A-4.13  
 SHEET NO. 13 OF 13



S-01 Section



S-02 Section



S-03 Section



E-18A

PROYECTO DE RECONSTRUCCIÓN DE LA PLANTA DE REPARACIÓN Y OTRAS COMPONENTES DEL SISTEMA DE TRANSPORTE DEL METRO DE QUITO

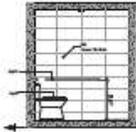
CLIENTE: COMISIÓN NACIONAL DE PREVENCIÓN DE RIESGOS LABORALES  
 INSTITUCIÓN: INSTITUTO VECINAL DE LA CIUDAD DE QUITO  
 PROYECTO: RECONSTRUCCIÓN DE LA PLANTA DE REPARACIÓN Y OTRAS COMPONENTES DEL SISTEMA DE TRANSPORTE DEL METRO DE QUITO  
 FASE: PROYECTO DE EJECUCIÓN

PROYECTANTE: INGENIERO CIVIL  
 INGENIERO EN SISTEMAS DE TRANSPORTE  
 INGENIERO EN SISTEMAS DE TRANSPORTE

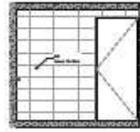
PROYECTO: A-4.1.4  
 FASE: PROYECTO DE EJECUCIÓN  
 FECHA: 2014



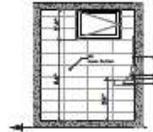
1 Bathroom Blow-Up Floor Plan



1-01 Bathroom Elevation



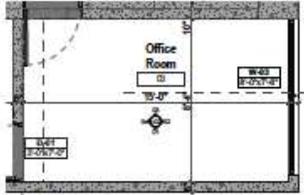
1-02 Bathroom Elevation



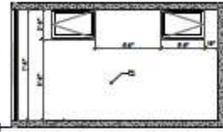
1-03 Bathroom Elevation



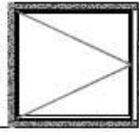
1-04 Bathroom Elevation



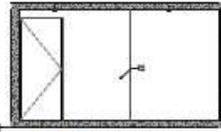
6 Office Blow-Up Floor Plan



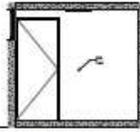
1-01 Office Elevation



1-02 Office Elevation



1-03 Office Elevation



1-04 Office Elevation

ITEM NO.	QUANTITY	DESCRIPTION	UNIT	PRICE	TOTAL
1	1	Office Chair	EA	150.00	150.00
2	1	Office Desk	EA	200.00	200.00
3	1	Office Window	EA	100.00	100.00
4	1	Office Door	EA	150.00	150.00
5	1	Office Wall	EA	100.00	100.00
6	1	Office Ceiling	EA	100.00	100.00
7	1	Office Floor	EA	100.00	100.00
8	1	Office Light	EA	50.00	50.00
9	1	Office Vent	EA	50.00	50.00
10	1	Office Panel	EA	50.00	50.00
11	1	Office Trim	EA	50.00	50.00
12	1	Office Hardware	EA	50.00	50.00
13	1	Office Accessory	EA	50.00	50.00
14	1	Office Fixture	EA	50.00	50.00
15	1	Office Detail	EA	50.00	50.00
16	1	Office Finish	EA	50.00	50.00
17	1	Office Material	EA	50.00	50.00
18	1	Office Labor	EA	50.00	50.00
19	1	Office Permit	EA	50.00	50.00
20	1	Office Other	EA	50.00	50.00
21	1	Office Total	EA	1000.00	1000.00



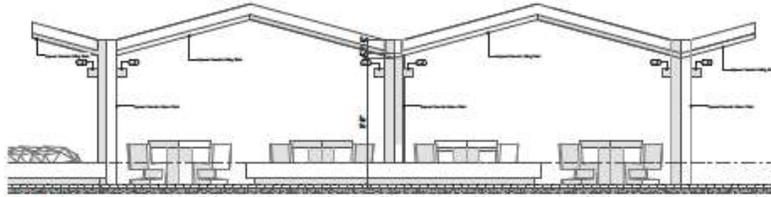
REGISTERED ARCHITECT  
 STATE OF CALIFORNIA  
 No. 12345  
 EXPIRES 12/31/2024

PROJECT: CERRITOS WOODS  
 REMEDIATION PHASE 4  
 RENOVO Y OTRAS CONSTRUCCIONES  
 12345 WOODS DRIVE  
 CERRITOS, CA 94503  
 DATE: 10/20/2024

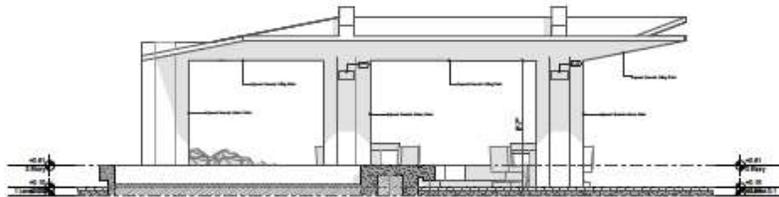
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 CHECKED BY: [Name]  
 PROJECT NO.: [Number]  
 SHEET NO.: A-41.5



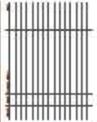




**E-01 Elevation**  
1/4" = 1'-0"



**E-02 Elevation**  
1/4" = 1'-0"



**E-01A**

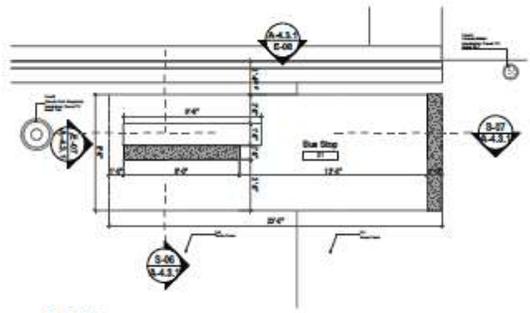
PROJECT: **CD-ROMS 06629**  
 CLIENT: **RENOVACION PLAZA DE BARRIO Y CALLE CONTIGUAS**  
 ADDRESS: **1000 N. W. 10th St., Miami, FL 33136**  
 DATE: **08/20/14**

DESIGNED BY: **ARCHITECTS**  
 DRAWN BY: **ARCHITECTS**  
 CHECKED BY: **ARCHITECTS**  
 DATE: **08/20/14**

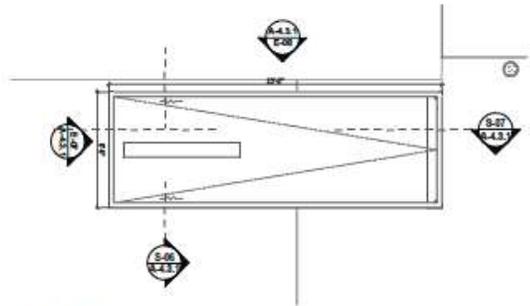
SCALE: **1/4" = 1'-0"**  
 SHEET: **E-01A**  
 TOTAL SHEETS: **10**

**A-1.2**  
 ARCHITECTS

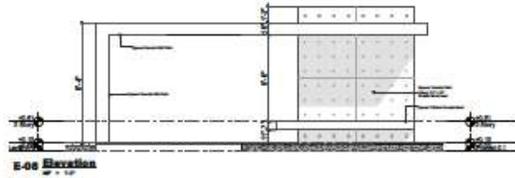




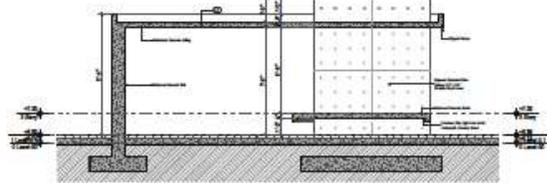
1 Floor Plan  
1/12



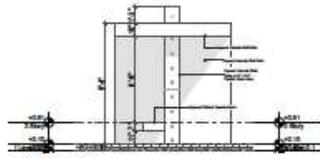
2 Roof Plan  
1/12



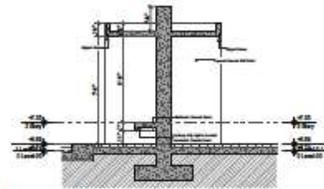
S-06 Elevation  
1/12



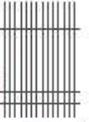
S-07 Section  
1/12



S-07 Elevation  
1/12



S-08 Section  
1/12



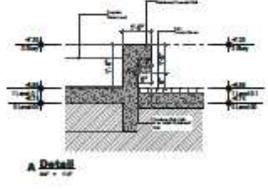
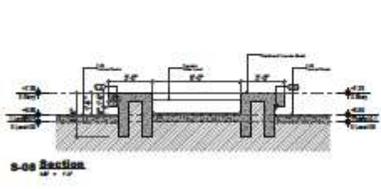
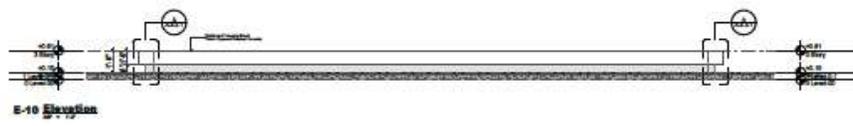
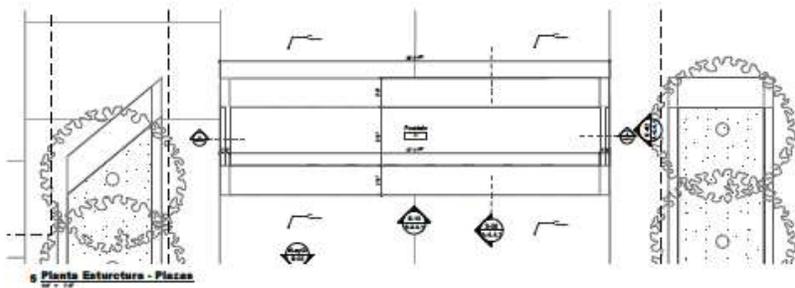
E-RBR

PROJECT: COLLEGE WALKWAY  
RENOVATION PHASE 4  
RIZAL YOUTH CENTER  
RIZAL, CALABARZON  
DATE: 10/12/2018  
DRAWN BY: [Name]  
CHECKED BY: [Name]

PROJECT: COLLEGE WALKWAY  
RENOVATION PHASE 4  
RIZAL YOUTH CENTER  
RIZAL, CALABARZON  
DATE: 10/12/2018  
DRAWN BY: [Name]  
CHECKED BY: [Name]

PROJECT: COLLEGE WALKWAY  
RENOVATION PHASE 4  
RIZAL YOUTH CENTER  
RIZAL, CALABARZON  
DATE: 10/12/2018  
DRAWN BY: [Name]  
CHECKED BY: [Name]

PROJECT: COLLEGE WALKWAY  
RENOVATION PHASE 4  
RIZAL YOUTH CENTER  
RIZAL, CALABARZON  
DATE: 10/12/2018  
DRAWN BY: [Name]  
CHECKED BY: [Name]



**E R B A**

PROJECT: **CELEBRATE MIAMI**  
 1000 Biscayne Blvd. Suite 1000  
 Miami, FL 33132  
 Phone: (305) 371-1111  
 Fax: (305) 371-1112  
 Website: www.celebratemiami.com

DESIGNED BY: **CELEBRATE MIAMI**  
 ARCHITECTURE & INTERIOR DESIGN  
 1000 Biscayne Blvd. Suite 1000  
 Miami, FL 33132  
 Phone: (305) 371-1111  
 Fax: (305) 371-1112  
 Website: www.celebratemiami.com

DATE: **12/15/2011**  
 DRAWING NO.: **12547**  
 SHEET NO.: **12547-1**

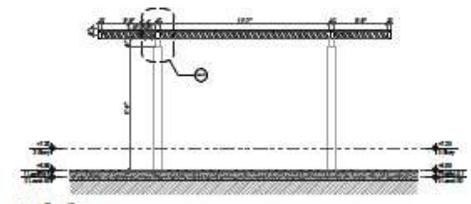
**A-4.4.1**  
 SCALE: **1/2" = 1'-0"**



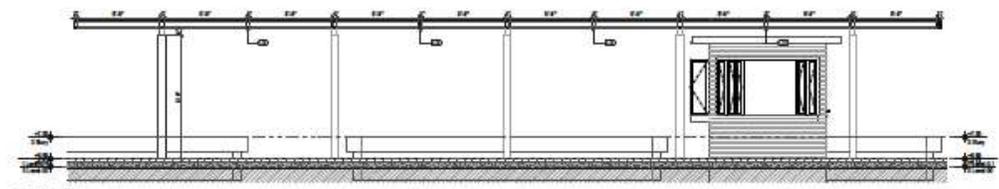




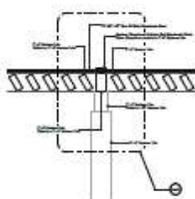
E-02 Elevation



S-14 Section



S-15 Section



S-14 Section Detail



S-17 Section Detail



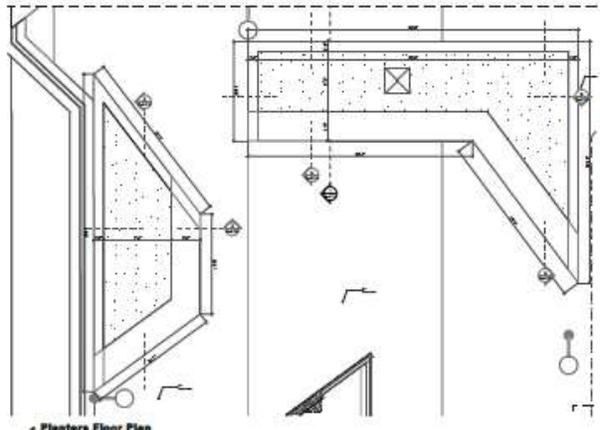
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 SHEET: [Illegible]  
 DATE: [Illegible]

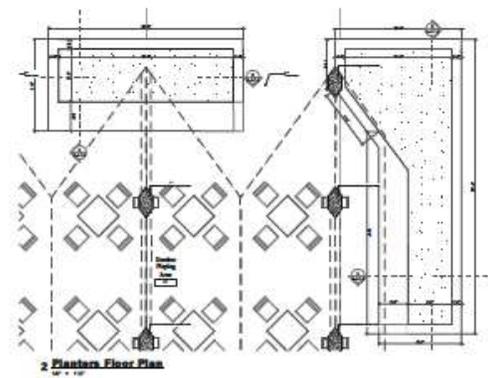
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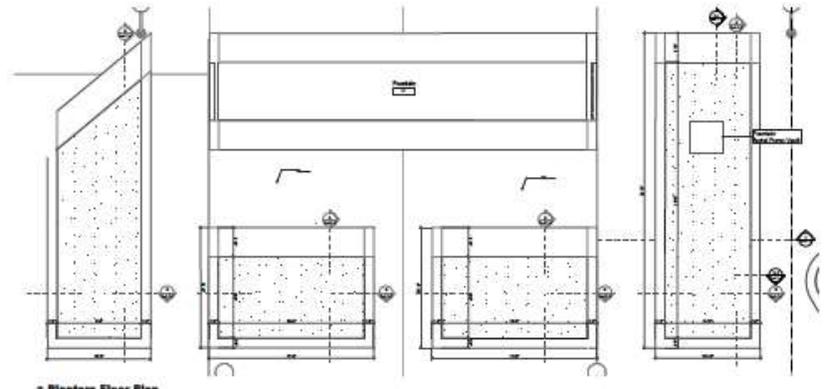
PROJECT NO. A-46.2  
 SHEET NO. [Illegible]



1 Plantera Floor Plan



2 Plantera Floor Plan



3 Plantera Floor Plan



E-RBA

PROYECTO DE RECONSTRUCCION DE LA ESCUELA ELEMENTAL DE SAN JOSE, MUNICIPIO DE SAN JOSE DEL GUAYMA, GUAYAMA, P.R.

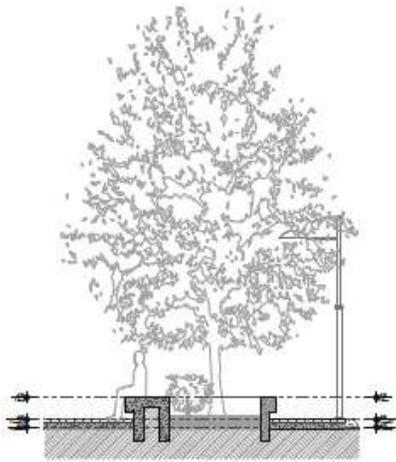
PROYECTO DE RECONSTRUCCION DE LA ESCUELA ELEMENTAL DE SAN JOSE, MUNICIPIO DE SAN JOSE DEL GUAYMA, GUAYAMA, P.R.

PROYECTO DE RECONSTRUCCION DE LA ESCUELA ELEMENTAL DE SAN JOSE, MUNICIPIO DE SAN JOSE DEL GUAYMA, GUAYAMA, P.R.

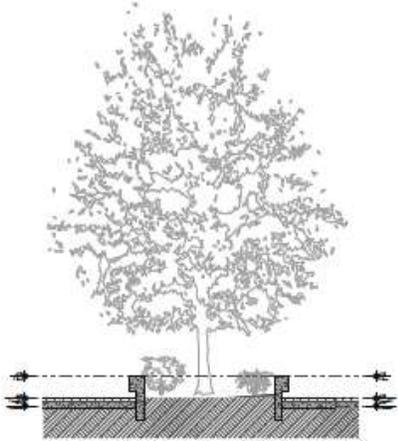
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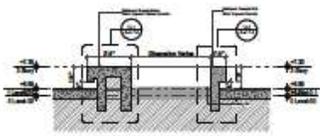




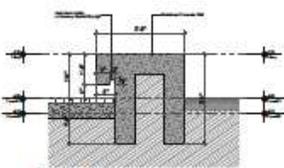
1 Typical Section  
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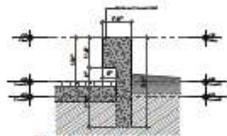
2 Typical Section  
1/4" = 1'-0"



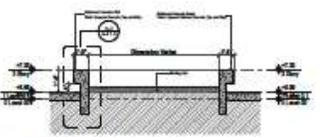
A Plaster Section  
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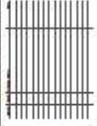
D-1 Plaster Wall Section  
Detail



D-2 Plaster Wall Section  
Detail



B Plaster Section  
1/4" = 1'-0"

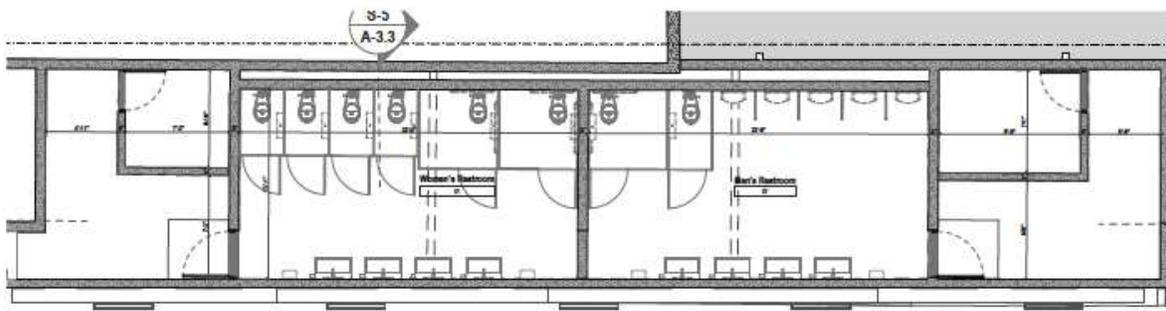


E-RBR

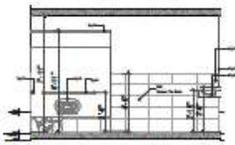
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 LOCATION: [Illegible]  
 DATE: [Illegible]

DESIGNED BY: [Illegible]  
 CHECKED BY: [Illegible]  
 APPROVED BY: [Illegible]

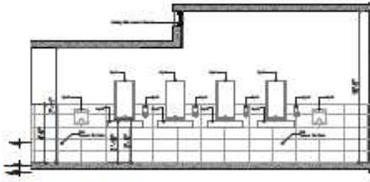
NO. A-474  
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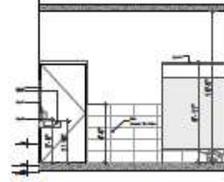
1 Public Restrooms



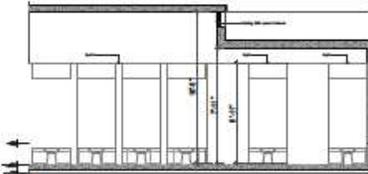
1-01 Women's Restroom



1-02 Women's Restroom



1-03 Women's Restroom



1-04 Women's Restroom

Item No.	Item Name	Quantity	Unit	Notes
1	Women's Restroom	1	Each	
2	Men's Restroom	1	Each	
3	Women's Restroom Stall	4	Each	
4	Men's Restroom Stall	4	Each	
5	Public Restroom	1	Each	



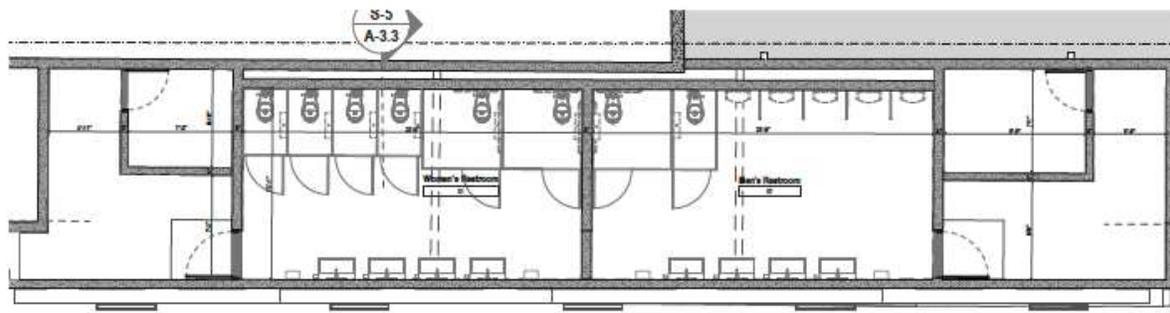
E. R. B. A.

Professional Engineer  
 State of Florida  
 No. 12456  
 Expiration Date: 12/15/2018

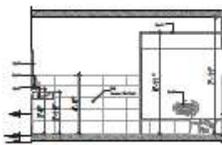
Project: **OSCEola Airport  
 Rehabilitation Phase II  
 Recovery of BLD Construction**  
 Location: **OSCEola Airport  
 Osceola, FL**  
 Date: **12/15/2018**

Sheet: **A-48.1**  
 Title: **Public Restrooms**

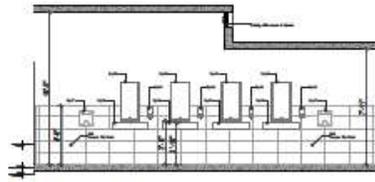
Scale: **1/8" = 1'-0"**  
 Date: **12/15/2018**



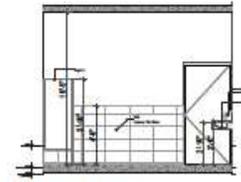
Public Restrooms



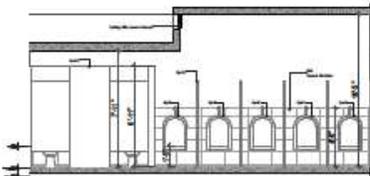
1-01 Men's Restroom



1-02 Men's Restroom



1-03 Men's Restroom



1-04 Men's Restroom

MEN'S RESTROOM MATERIAL SCHEDULE											
NO.	DESCRIPTION	UNIT	QTY	MANUFACTURER	FINISH	NOTES	QTY	MANUFACTURER	FINISH	NOTES	QTY
1	TOILET	1	1	FRANK	WHITE		1	FRANK	WHITE		1
2	SINK	1	1	FRANK	WHITE		1	FRANK	WHITE		1
3	MIRROR	1	1	FRANK	WHITE		1	FRANK	WHITE		1
4	TOILET PAPER	1	1	FRANK	WHITE		1	FRANK	WHITE		1
5	TOILET BRUSH	1	1	FRANK	WHITE		1	FRANK	WHITE		1
6	TOILET SEAT	1	1	FRANK	WHITE		1	FRANK	WHITE		1
7	TOILET FLUSH VALVE	1	1	FRANK	WHITE		1	FRANK	WHITE		1
8	TOILET PAPER DISPENSER	1	1	FRANK	WHITE		1	FRANK	WHITE		1
9	TOILET SEAT COVER	1	1	FRANK	WHITE		1	FRANK	WHITE		1
10	TOILET SEAT BRUSH	1	1	FRANK	WHITE		1	FRANK	WHITE		1
11	TOILET SEAT BRUSH HOLDER	1	1	FRANK	WHITE		1	FRANK	WHITE		1
12	TOILET SEAT BRUSH HOLDER	1	1	FRANK	WHITE		1	FRANK	WHITE		1



E-RBR

PROJECT: **CONDOMINIUM DEVELOPMENT**  
 PROJECT NAME: **REGENCY CHINA CHANGSHA**  
 PROJECT ADDRESS: **CHANGSHA, CHINA**  
 PROJECT NO.: **10000000000000000000**  
 PROJECT DATE: **2020-01-01**

DATE: **2020-01-01**  
 DRAWING NO.: **10000000000000000000**  
 DRAWING TITLE: **10000000000000000000**

PROJECT NO.: **10000000000000000000**  
 PROJECT NAME: **REGENCY CHINA CHANGSHA**  
 PROJECT ADDRESS: **CHANGSHA, CHINA**



October 20, 2022

**Arch. Carlos A. Rubio Cancela**

Executive Director  
State Historic Preservation Officer  
Cuartel de Ballajá Bldg.  
San Juan, Puerto Rico

**Re: Authorization to Submit Documents**

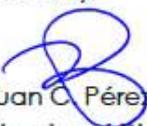
Dear Arch. Rubio Cancela:

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

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

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

Cordially,

  
Juan C. Pérez Bofill, P.E. M.Eng  
Director of Disaster Recovery  
CDBG DR-MIT

CDBG-DR FUNDS | HOUSING

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



June 23, 2023

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

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

Section 106 NHPA Effect Determination Submittal for PR-CRP-000528, Remodelación de la Plaza de Recreo y Quinto Centenario Project, Cataño, Puerto Rico

Dear Architect Rubio Cancela,

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

On behalf of PRDOH and the subrecipient, the Municipality of Cataño, we are submitting documentation for the proposed Remodelación de la Plaza de Recreo y Quinto Centenario Project which is located within the Cataño Traditional Urban Center. The proposed project includes the construction/improvements of pedestrian crossings to/from the plazas, construction/improvements to sidewalks around the plazas, rehabilitation of various pedestrian areas, actions to provide ADA compliance to the public, removal of debris and damaged utilities in disuse, construction of new or improvements to existing structures (pavement, urban furniture elements, grassy areas), painting of remaining architectural elements, urban mobility (installation of permanent benches, garbage stations, bike stations, and rehabilitation or construction of bus stops, improvements to the signage systems of the squares, improvements to the electrical systems of the squares such as the installation of new LED luminaries, and the planting of trees and green areas. The full scope of the project with additional details is described in the submitted documentation, which includes mapping, photographs, and the 30% construction plans.

Based on the provided documentation prepared on behalf of the municipality, the Program requests concurrence that a determination that "No Adverse Effect" is appropriate for this undertaking.



Please contact me with any questions or concerns by email at [lauren.poche@home.com](mailto:lauren.poche@home.com) or phone at 225-405-7676.

Kindest regards,

A handwritten signature in cursive script that reads 'Lauren Bair Poche'.

**Lauren Bair Poche, M.A.**

Architectural Historian, Historic Preservation Senior Manager

Attachments

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>CITY REVITALIZATION PROGRAM (CRP)</b> <b>Section 106 NHPA Effect Determination</b>	
<b>Subrecipient: Municipality of Cataño, PR</b>	
<b>Project Name:</b> Remodelación y Mejoras Plaza de Recreo y Plaza Quinto Centenario	
<b>Project Number:</b> PR-CRP-000528	

<b>Project Location:</b> Adjacent plazas across Barbosa Avenue, intersection with calle Isidra Rodríguez, Cataño	
<b>Plaza del Recreo</b>	<b>Plaza Quinto Centenario</b>
<b>Project Coordinates:</b> Lat: 18.44098276, Lon: -66.11920823	Lat: 18.44145418, Lon: -66.11925865
<b>TPID (Número de Catastro):</b> 040-081-057-01 and	040-081-043-10
<b>Type of Undertaking:</b> <input checked="" type="checkbox"/> Substantial Repair <input type="checkbox"/> New Construction	<b>Type of Undertaking:</b> <input checked="" type="checkbox"/> Substantial Repair <input type="checkbox"/> New Construction
<b>Construction Date (AH est.):</b> c. late 1900 <b>Property Size (acres):</b> .48	<b>Construction Date (AH est.):</b> c.2000 <b>Property Size (acres):</b> .31
<b>SOI-Qualified Architect/Architectural Historian:</b> Zuleika Hernández Miranda	
<b>Date Reviewed:</b> December 20, 2022	
<b>SOI-Qualified Archaeologist:</b> Aida Belén Rivera	
<b>Date Reviewed:</b> January 21, 2023	

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

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>CITY REVITALIZATION PROGRAM (CRP)</b> <b>Section 106 NHPA Effect Determination</b>	
<b>Subrecipient: Municipality of Cataño, PR</b>	
<b>Project Name: Remodelación y Mejoras Plaza de Recreo y Plaza Quinto Centenario</b>	
<b>Project Number: PR-CRP-000528</b>	

### Project Description (Undertaking)

The Municipality of Cataño has selected ERB Arquitectos PSC (ERBa) as the architects in charge of the design of the Plaza del Recreo and Plaza del Quinto Centenario. Both spaces are on coordinates Lat: 18.44098276, Lon: -66.11920823 and Lat: 18.44145418, Lon: -66.11925865, respectively.

<sup>1</sup>The improvements and remodeling of Plaza de Recreo and Plaza Quinto Centenario shall include, but are not limited to;

- 1) Construction or improvements of pedestrian crossings to increase pedestrian safety.
- 2) Construction or improvements to sidewalks around the squares to provide a similar environment in their surroundings.
- 3) Rehabilitation of pedestrian or other areas.
  - a. Clean any other surface, pedestrian or non-pedestrian, that will not be replaced or impacted by pressure wash and/or cleaning products.
  - b. Sign bases on pavement and/or poles and other obstacles must be removed or replaced if necessary. Impacted areas to be rehabilitated with homogeneous termination to surrounding areas.
- 4) Any task necessary for user safety, as ADA compliance
- 5) Construction of new or improvements to existing structures in accordance with the proposed use, pavement, urban furniture elements, lawns.
- 6) Removal of debris and damaged utilities in disuse.
- 7) Painting of architectural elements to remain.
- 8) Urban Mobiliary:
  - a. Installation of new fixed/permanent benches. Their design will be subjected to the municipality's approval and shall take into consideration the desired architectural harmony and their durability.
  - b. Installation of fixed/permanent garbage stations. Their design will be subjected to the municipality's approval and shall take into consideration the desired architectural harmony and their durability.

<sup>1</sup> According to the Municipality of Cataño's public bid.

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>CITY REVITALIZATION PROGRAM (CRP)</b> <b>Section 106 NHPA Effect Determination</b>	
<b>Subrecipient: Municipality of Cataño, PR</b>	
<b>Project Name: Remodelación y Mejoras Plaza de Recreo y Plaza Quinto Centenario</b>	
<b>Project Number: PR-CRP-000528</b>	

c. Provide bike parking stations. Their design will be subjected to the municipality's approval and shall take into consideration the desired architectural harmony and their durability.

d. Rehabilitation, improvements and/or construction of bus stops. Their design will be subjected to the municipality's approval and shall take into consideration the desired architectural harmony and their durability.

9) Reconstruction and improvements to the signage system of both squares that was affected by hurricanes Irma and Maria and that is necessary for the safety and information of the user. Improvements to the signage system must provide a sense of place and direction:

10) Lighting design and general improvements to the electrical system of the squares will include:

a. Installation of new LED luminaires in all areas of the squares. It is preferred that luminaires be solar powered and with photo sensor for automatic operation. Shade generated by structures and trees shall be considered for lighting design.

b. New luminaires shall be vandal resistant. Their design will be subjected to the municipality's approval and shall take into consideration the desired architectural harmony and their durability.

11) Planting and pruning of trees and green areas.

a. Reforestation of green areas that were affected by Hurricane María. All planting and pruning of green areas and trees must take into consideration the desired architectural harmony and the environmental conditions of the area.

12) All works performed under the City Revitalization Program must comply with the applicable laws and standards including, but not limited to; the IBC International Building CODE 2021, Puerto Rico Building Code 2018 and ADA 2010 Standards for Accessibility Design."

Will also include the following mentioned below: New stage and coffee shop, Al fresco cinema and lawns, space for kiosks and food trucks. There will be grubbing, grading and excavation activities. The stage will have a 2'-0" footing and the coffee shop will have a 2'-6" deep footing as well. Please refer to the plans. S-100 and S-400.

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The Plaza del Recreo de Cataño has an area of .48 acres. It is bounded to the north by Avenida Barbosa, to the northeast by Isidra Rodríguez street, to the southwest by El Tren street, and to the southwest by Julián Acosta street. The buildings that frame this plaza consist primarily of commercial structures. Although the Planning Office of the municipality of Cataño carried out an inventory of the historical properties and of those with historical potential, there is no clear evidence, mentions, or abounds on the specific importance of the structures that surround the Plaza del Recreo, except for the Nuestra Señora del Carmen Parish, that German architect Henry Klumb designed in 1947.

The Plaza del Recreo has a concrete floor with a grid of gray painted cement tiles. To the west, it has a circular gazebo (c. 2000), built in concrete, with three columns that support a metal structure made hemispherical dome. Access to this gazebo is through six steps on three sides of the base circle. This platform is 3'-0" high approximately.

At the square's east end is a colonnade with only five columns supporting a U-shaped architrave. This structure frames a sculpture at the center of the plaza, composed of two geometric figures: a circle and an 8-pointed star with a pyramid. In addition, the Plaza del Recreo has a sculpture in the center on top of a square base, which is on a circle fashioned in the same gray color as the grid.

The square has a space to the northwest dedicated to the game of dominoes, which is quite popular. The activity is facilitated by the parking lots adjacent to the plaza and repeated on different sides of the square. However, the number of parking spaces only guarantees a stay in the plaza for domino players. The parking lots are primarily for visiting the parish and businesses within the limits of the public space. The square has several trees, as well as empty tree pits. Despite the items in this space, a hierarchy should be established. The elements compete with each other. Despite these and the trees, there needs to be more shade, benches, and seats for people to enjoy this gathering space. Interestingly, the town hall is not within these limits.

The Plaza del Quinto Centenario is bounded north by the Avenida Las Nereidas, east by Isidra Rodríguez street, south by Avenida Barbosa, and west by a medical office building. The municipality of Cataño built this plaza circa 1999. The Puerto Rican sculptor Pablo Rubio installed a metal sculpture designed and built for this plaza's center. At the moment, the nearby restaurants use this area for sitting. The 1999 plans (24 years ago), in charge of René Vélez Marichal and Associates show the design for the pavement replacement, electrical

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and water pumping systems for a fountain and the excavation for trees and a Pablo Rubio's commemorative sculpture. Grubbing and excavation depths range from 1'-0" to 3'-0" approximately. There is no evidence of archeological findings. Please refer to plans in the Supporting Documents.

The floor patterns delineate the urban center and are finished with ornamental cement blocks and asphalt. The sidewalks are narrow, and in an attempt to comply with the ADA law, they have ramps added after the fact, many interrupted by urban elements such as various lighting poles. An interesting fact is that the sidewalks coincide with chamfers in the corners of some blocks. This geometry has been respected on a few occasions.

The architects designed both areas to be connected. Likewise, their intervention aims to promote the gathering of people and a relationship between the two plazas. New landscape, urban furniture, and new floor materials, like concrete and terrazzo, will be incorporated. The generated patterns are based on Cataño's flag design which bears a combination of stripes reminiscent of the wards that integrate to form Cataño. These bands mark the direction and provide areas for sitting, contemplating, relaxing, and walking. Likewise, the location of landscaping and vegetation provides shade and lower temperatures. This way, the goal is to create more welcoming spaces and establish a hierarchy between the two squares. There will be a stage at the west side of the plaza. Its dimensions are 15'-0" x 30'-0" with a height of approximately 12'-0". The design promotes lightness.

Although the designed patterns, landscape, and materials connect both squares, the Plaza del Recreo promotes passive activities (such as dominoes and church-related). There will be a small stage and a coffee shop. In contrast, in the Plaza del Quinto Centenario, more events will take place as a complement to the restaurants. An "al fresco" cinema and lawns will serve as a prelude to the Cataño boardwalk. It will also hold space for kiosks and food trucks that will enrich festivals and other related activities.

The Isidra Rodríguez street will be brought up to the square pavement level, thus, according to the needs of the activities, and therefore become part of the entire plaza. Likewise, sidewalks will be intervened to comply with ADA regulations. Avenida Barbosa's width will be narrowed from 31'-0" to 23'-0", to encourage pedestrian circulation, as well as the slowing of vehicles.

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The new project will promote the visit and gathering of people. Likewise, by incorporating a different pavement, urban furniture and vegetation (all complying with the SOI's Rehabilitation Standards), the character of the eligible structures in the APE will be highlighted by the contrast and differences in design and styles.

### Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the undertaking, the Program has determined that the APE for this project extends one block west, one block south and one block east of the actual project footprint: from calle Pilar to the west, to calle Amparo to the south, and to PR-24 to the east. The north is defined by PR-888. (Figures 1-3). The APE area is equivalent to .01 square miles.

### Identification of Historic Properties - Archaeology

Existing information on previous surveys and identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. A Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61) has reviewed the existing information.

The proposed project location (Figures 2-3) has not changed much over almost a century. The 1941 USGS topo map (Figure 4) already shows urban development of the APE. The same is true on the 1930 aerial photo. (Figure 8) Clearly, the urban infrastructure and specific structures have been built, torn down, rebuilt, improved, etc. but soil disturbance is a constant on site for at least ninety years. The Soil Survey classifies the area as Urban land (Figure 5), referring to soils that have been significantly altered by human activity, specifically a largely built environment.

The general area has been surveyed in previous years. Three archaeological surveys have been carried out within the APE. (Figures 6 and 7). The three consistently address an absence of archaeological resources:

Ramos Vélez, Marlene

1996 Desarrollo urbano de la zona costanera de Cataño  
Phase IB

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ICP/CAT-CT-96-02-07 and SHPO #07-21-95-06

Negative

1995 Desarrollo urbano de la zona costanera de Cataño

Phase IA

ICP/CAT-CT-95-02-03 and SHPO #07-21-95-06

Negative

Rivera Calderón, Virginia

2003 Sistema de alcantarillado sanitario para las comunidades Juana Matos y Reparto Paraíso

Phase IA-IB

ICP/CAT-CT-03-03-09

Negative

Another five surveys have been carried out on land within a half mile radius of the proposed project location. Three of them had positive results: the identification of site CT-2, approximately 375 meters east of the proposed project location.

There are no known historic properties within the proposed undertaking's APE. An archaeological resource: the limited remnants of Línea Férrea del Oeste, also known as the Valdés Railroad and Ferry Line, (CT-2), and a 1917 abandoned building that housed the Primera Iglesia Evangélica Luterana (CN0200002) are the only two within a half mile radius.

Plaza del Quinto Centenario was built in 2000. Plans designed by René Vélez Marichal and Associates show the minimum and maximum excavation depths, ranging from 1'-0" to 3'-0" approximately. There is no evidence of archeological findings. This project is registered as: 00CX60000005563 under the formerly known ARPE (Permits Authority now OGP). The project's official name is PARQUE PASIVO PASEO DEL MAR. There are other projects filed at the Puerto Rico Planning Board 1997141009JGU (Consulta de Ubicación). The site has already been intervened 23 years ago.

#### **Identification of Historic Properties - Architecture**

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36CFR Part 61), shows that the project's area is **within the boundaries of the National Register of Historic Places (NRHP)-eligible Cataño's Traditional Urban Center.**

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In the mid-19th century, there was a "boom" in the development of the town of Cataño, with the establishment of a transport company that provided service through the San Juan Bay. This led to an increase in its population.

Although Cataño was established in 1568, its urban center was founded in 1927, after its independence from the town of Bayamón. Consequently, the urban center of Cataño evolved and peaked in the 1940s. Remnants of structures can still be seen. However, most of them have been heavily intervened and are evidence of aesthetic and programmatic alterations according to needs and time.

Currently, the urban center is filled with properties that have been adapted to actual uses. Among these are restaurants, cafeterias, bars, and beauty salons. Some of these structures have residential uses but are on the second floor. As well, many abandoned properties lack maintenance, therefore, contributing to decay and dullness. There is a mix of materials, aesthetics, styles, and ornamentation. All are evidence of unevenness and change of times.

The consulted archives, among which are webpages, newspapers, magazines, maps, and photos from the end of the 19th century and the beginning of the 20th century, allude to and show the town covered with houses made of palm trees. These were demolished or eventually transformed into structures built in concrete and wood with corrugated metal roofs. The consulted properties inventory, carried by the Municipality of Cataño's Planning Department, does not provide sufficient information regarding the properties that frame the project's plazas. No physical evidence remains of the original status of the properties.

At the end of the 19th century, Cataño had a Catholic parish. According to the information consulted, the first church suffered extensive damages from hurricane San Ciriaco (1899). Later, a Neoclassical church was built, which was demolished in the 1950s. Consequently, the Nuestra Señora del Carmen parish was built. This church was designed in a Modern Movement style by German Architect Henry Klumb. This church is eligible for inclusion in the National Register of Historic Places (NRHP), as is already the San Martín de Porres church, also designed by architect Klumb and located in Cataño, but not within the project's APE.

Its architectural characteristics and historical background make Nuestra Señora del Carmen parish an eligible property for inclusion in the NRHP under many of the NRHP criteria and confirmed by PRSHPO. This church was inaugurated in 1960.

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The structure (early XXth century) located to the west of the parish has details alluding to the Spanish Revival, as well as ornamental rusticated arches with particular emphasis on their keystones. The property to the west of this has Spanish Revival elements, including a tower with battlements. The finishing of the walls is stucco, which gives it a more rusticated appearance.

In the lower west corner, in the same block that the Nuestra Señora del Carmen parish occupies, there is a building in a state of abandonment that is identified as a fallout shelter. This structure was the Escuela Fosa Maria Arcay built in the late 1930s (c.1937) and possesses Spanish Mediterranean elements. According to the USGS Maps (1949), this structure used to be a school. Its entrance is aligned with the chamfer where the sidewalks meet.

The San Vicente de Ferrer School, which is on Las Flores Street, with the Nuestra Señora del Carmen Parish as its northern limit, was inaugurated between 1923 and 1924, and its style combines elements of the Spanish Revival with two Palladian four stories high pilastered porticoes. To the east of Nuestra Señora del Carmen Parish is the Casa San Pedro Mártir which was built c. 1940s and it is the actual Parish House. The facade appears to be intervened, while the body of the structure has more simple lines.

In the northwest corner of the Plaza del Recreo is the house of Mr. Leopoldo Figueroa (eligible per PRSHPO records), a doctor, lawyer, and politician. It is located on the northwest corner of Julián Acosta street and Barbosa avenue. Dr. Figueroa contributed to the training of doctors and was a member of the House of Representatives of Puerto Rico (1940-1960). Thus, he also served as director of the leprosy medical center that used to be located on Isla de Cabras.

Dr. Figueroa's house is located on the corner. Its design tries to replicate the Neoclassical style on a smaller scale. Although its sidewalks do not coincide in chamfer, the residence has rounded corners that contrast with the surrounding structures and are reminiscent of the influence of Catalan modernism and the suggestion of movement. This architectural gesture matches some of the sidewalks that are chamfered at the corners. One could theorize about the possible influence of Hernando de Cataño, a Spanish citizen who founded this town.

Adjacent to the house is what appears to be a garage, but it is currently used for another purpose. Although it seems to be in the same style, the order is different, and the ornamental

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appliques appear more aesthetic. Both properties are neglected and lacking in maintenance. Nonetheless, per PRSHPO files this is eligible for the NRHP.

The other structures that border the Cataño recreation square show programmatic interventions that have resulted in physical and spatial alterations according to the needs and aesthetic appreciations of the owners. It is difficult to determine the original uses of these properties, given the lack of integrity of each one of them. Currently, the zoning of these structures is Commercial Intermediate (C-I). The square and Avenida las Nereidas are classified as General Dotacional (DT-G).

According to the USGS Maps and Imagery, as to architectural style remnants, these are properties originally built from the 1930s to the 1960s. Lastly, most of them do not maintain their original styles or classifications.

#### **Determination**

The following historic properties have been identified within the APE:

- Direct Effect:

- Plaza del Recreo: 18.440994,-66.119204
- Plaza del Quinto Centenario: 18.44145418, -66.11925865

- Indirect Effect:

- Nuestra Señora del Carmen Parish: 18.440564,-66.119049  
Architect Henry Klumb  
1960
- Casa San Pedro Mártir: 18.440755,-66.118907  
Architect: unknown  
c. 1940s

- Indirect Visual Effect:

- Nuestra Señora del Carmen Parish: 18.440564,-66.119049  
Architect Henry Klumb  
1960
- Dr. Leopoldo Figueroa's Residence: 18.440962,-66.119652  
Architect: unknown  
circa 1930s

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- Progreso Street Residence: 18.44049346, -66.11947600  
 Architect: unknown  
 c. 1930s
  
- Escuela Rosa María Arcay: 18.440404, -66.119191  
 Architect: unknown  
 c. 1930s
  
- Colegio San Vicente de Ferrer, 18.440204, -66.118964  
 Architect: unknown  
 c. 1923
  
- Escuela Horace Mann: 18.440211, -66.121635  
 Architect unknown  
 c. 1930s  
 The school has been abandoned. As recently as January 2023, it was put up for auction.

The Escuela Rosendo Matienzo Cintrón: 18.441169, -66.125058, is .39 miles from the project. Consequently it is farther from the APE.

There are other properties that could be eligible for inclusion in the NRHP, but that require further research and evidence of compliance with the NRHP Inclusion Criteria. Furthermore, PRSHPO is the custodian of the Cataño's Properties Inventory that was in charge of Jerry Torres Santiago, PH.D: "Proyecto de Reconocimiento general de recursos arquitectónicos - Municipio de Cataño"

Based on the results of our historic property identification efforts, the Program has determined that project actions will have no adverse effect on known historic properties. The scope of work is limited to the footprint of the plazas, and adjacent streets. The area has previously been surveyed, and no archaeological resources have been identified.

Consequently, the intervention in Plaza del Recreo, surrounding streets and Plaza del Quinto Centenario will not be detrimental to the eligible historic properties that comprise the APE. Sidewalks, pavers, light structures, vegetation and ADA compliant ramps do not affect the physical characteristics of the eligible properties, nor the character of each of the plazas. Accordingly, we concur that the determination must be of no adverse effect on eligible or known historic properties.

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**Recommendation (Please keep on same page as SHPO Staff Section)**

The Puerto Rico Department of Housing requests that the Puerto Rico SHPO concur that the following determination is appropriate for the undertaking (Choose One):

- No Historic Properties Affected
- No Adverse Effect
- Adverse Effect  
Proposed Resolution (if applicable)

**This Section is to be Completed by SHPO Staff Only**

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

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**Fig. 1: Project (Parcel) Location – Area of Potential Effect Map (Aerial)  
(on Google Earth 2022 imagery)**



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**Fig. 2: Project (Parcel) Location and APE - Aerial Map (on Google Earth 2022 imagery)**



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**Fig. 3: Project (Parcel) Location and APE – 1969 (1982 ed.) USGS Topographic Map**



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**Fig. 4: Project (Parcel) Location and APE – 1941 USGS Topographic Map**



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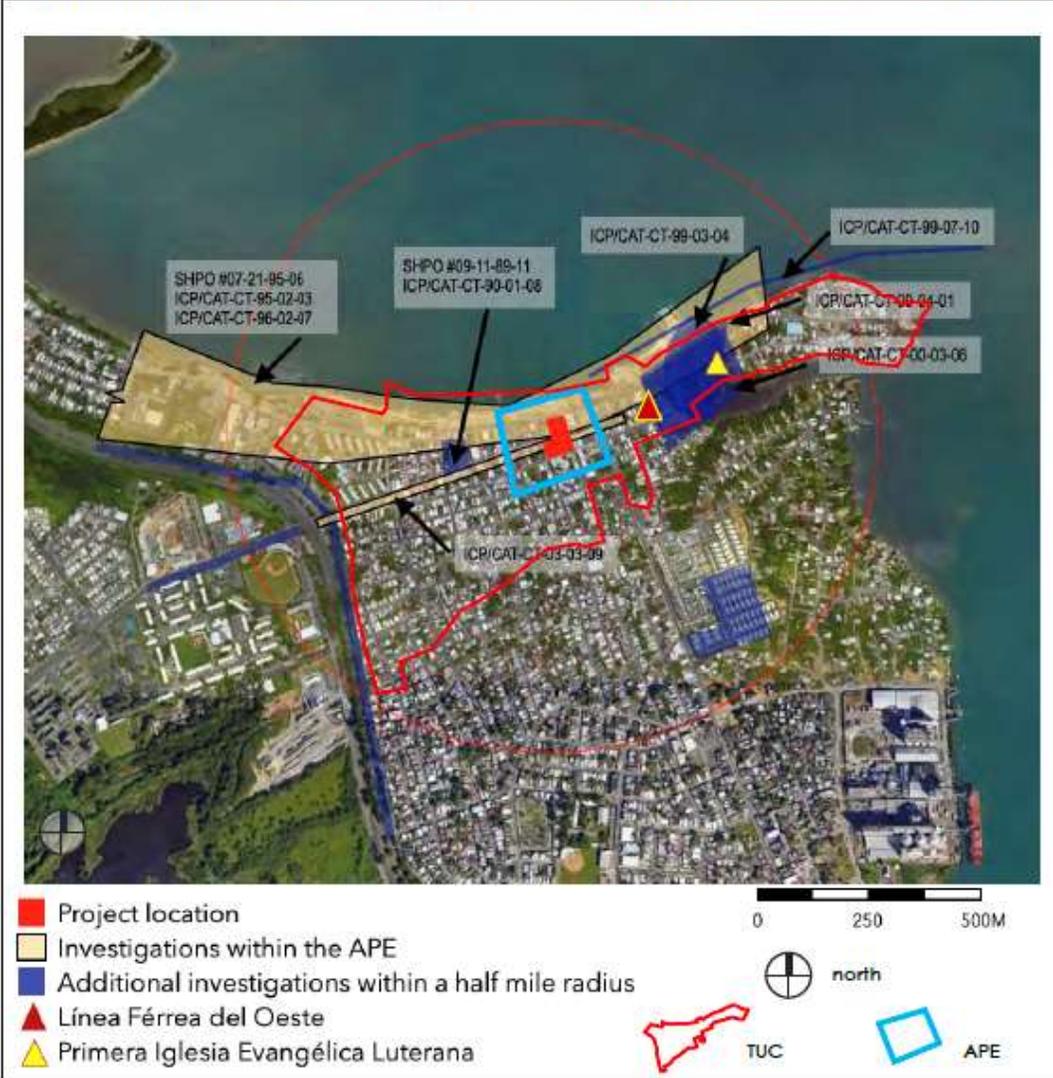
**Fig. 5: Project (Parcel) Location – Soils Map (USDA Web Soil Survey imagery)**  
 Ul: Urban land (San Juan Area Soil Survey, Version 16, September 12, 2022)



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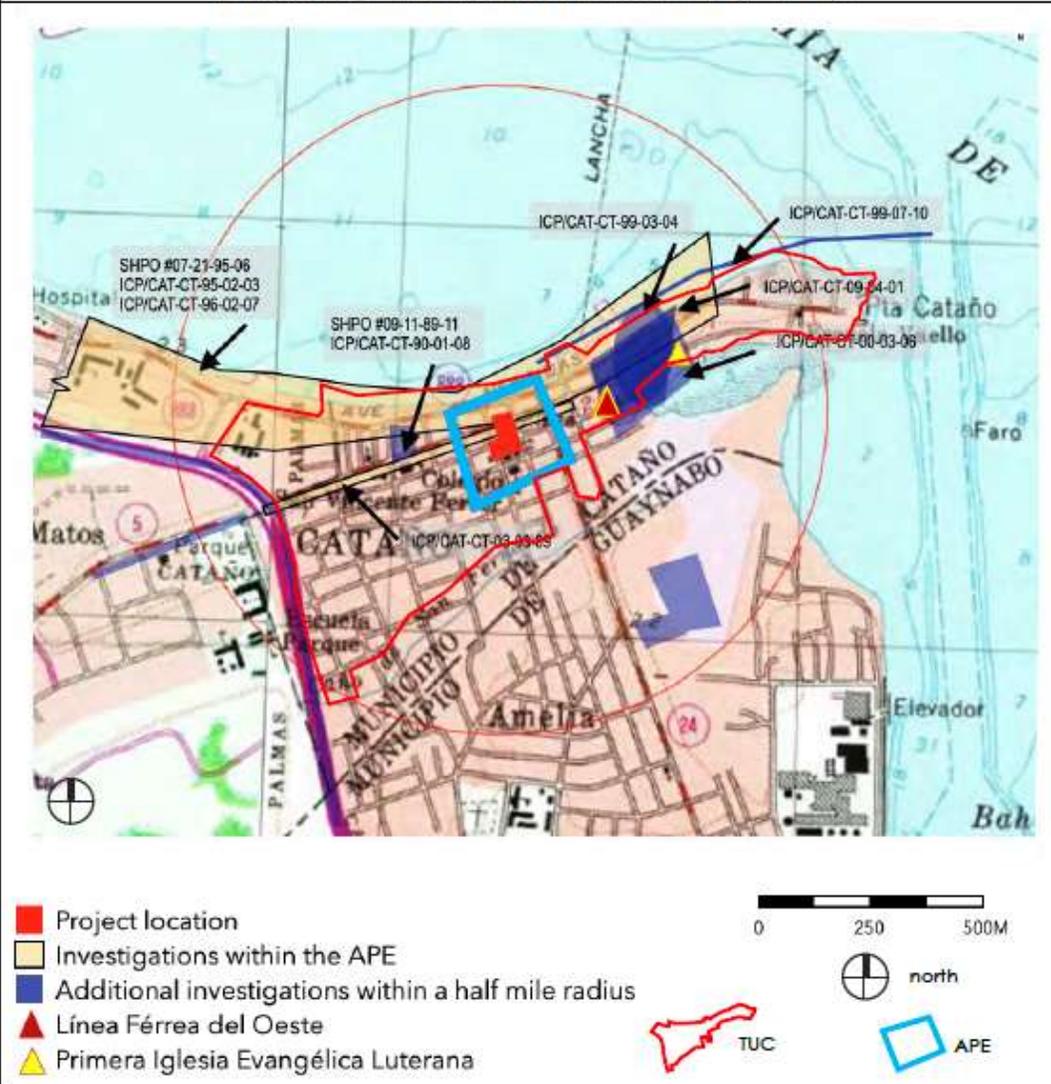
**Fig. 6: Project (Parcel) Location with Previous Investigations and known historic properties within the APE – Aerial Map (on Google Earth 2022 imagery)**



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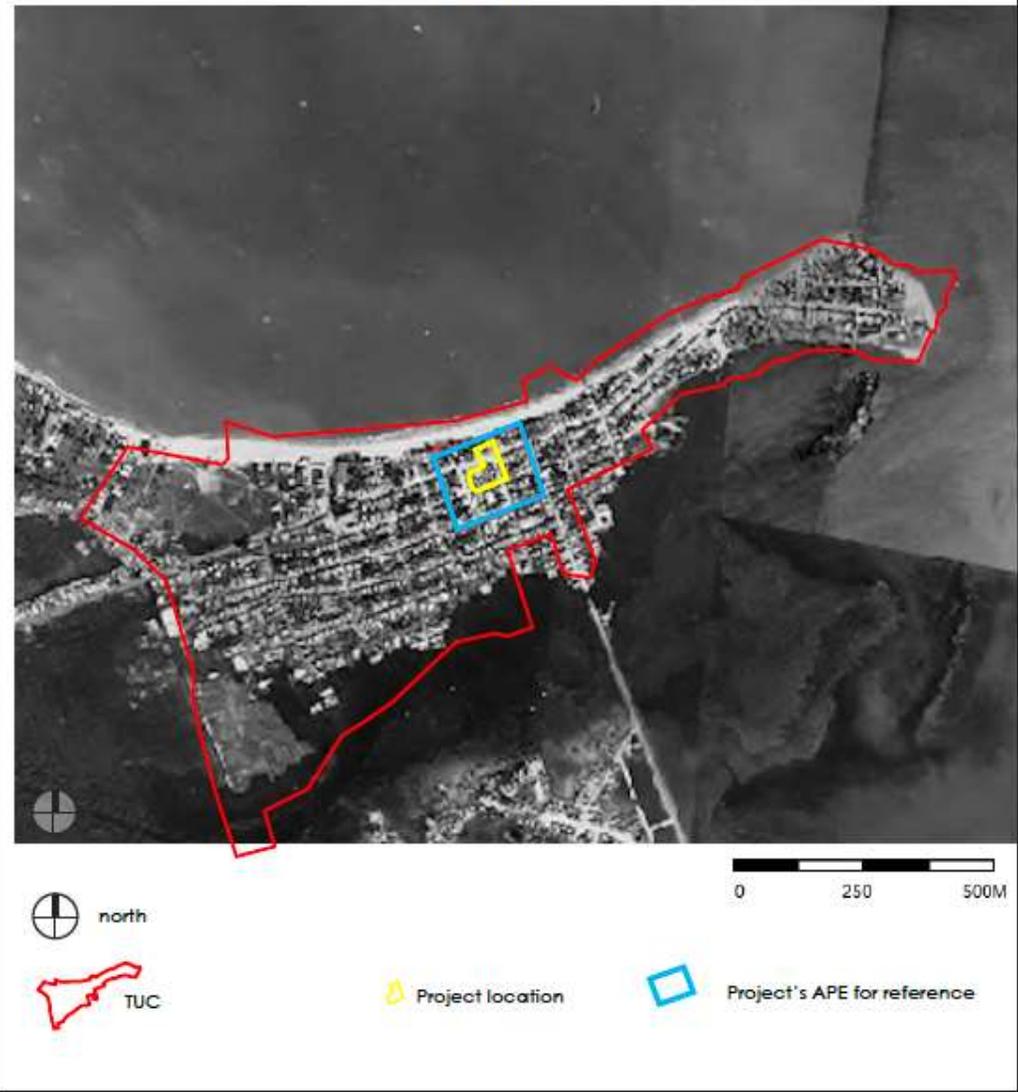
**Fig. 7: Project (Parcel) Location with Previous Investigations and known historic properties within the APE – 1969 (1982 ed.) USGS Topographic Map**



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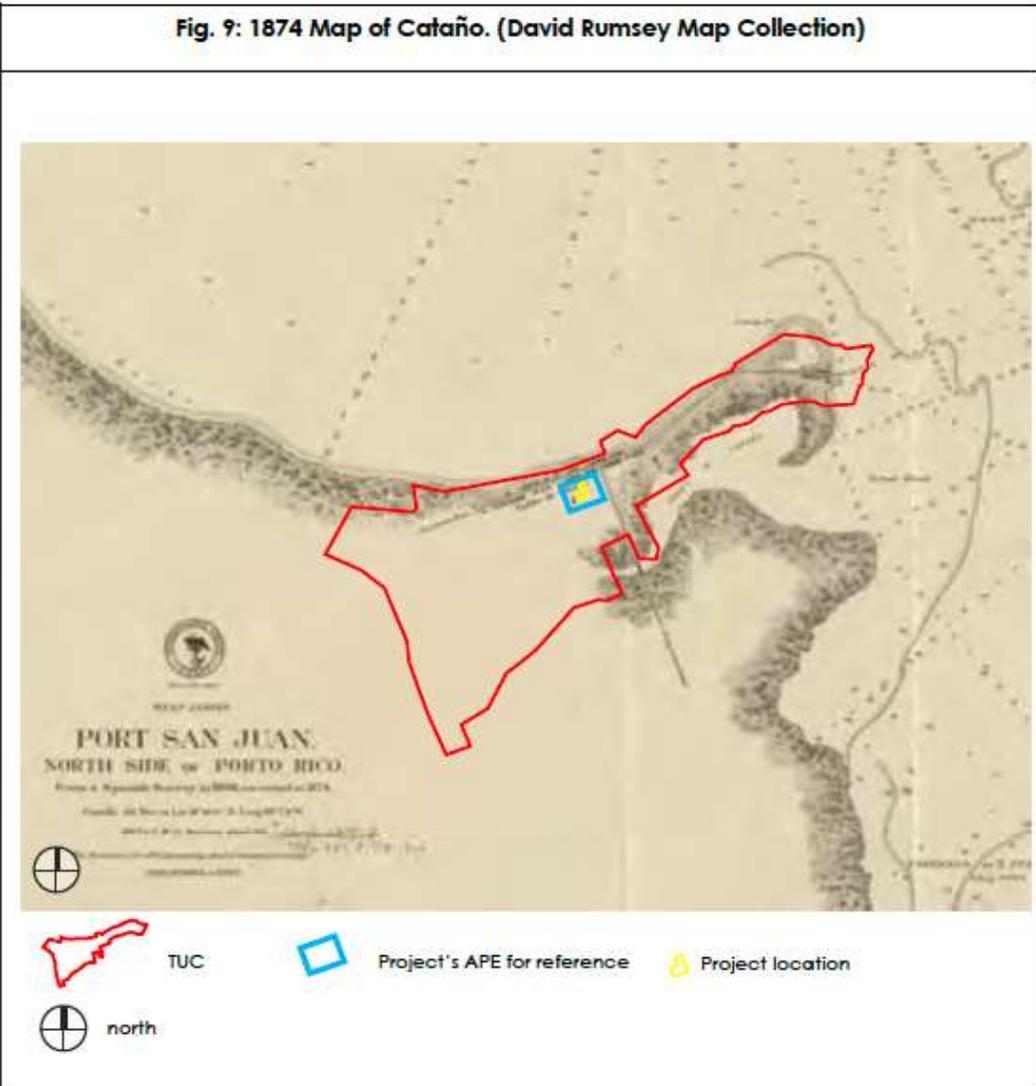
**Fig. 8: 1930 Aerial photo of downtown Cataño  
USGS Imagery**



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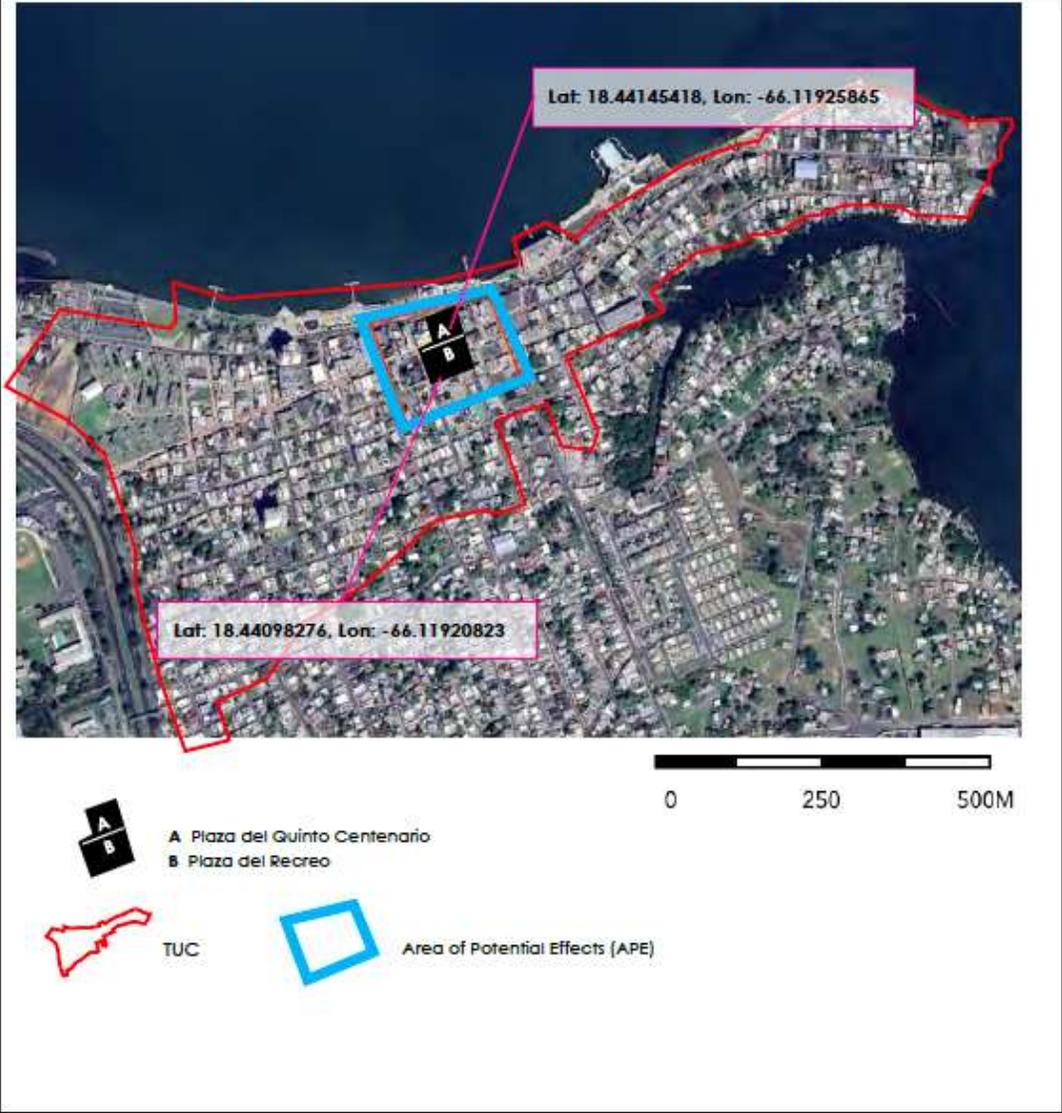
<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>CITY REVITALIZATION PROGRAM (CRP)</b> <b>Section 106 NHPA Effect Determination</b>	
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**Fig. 9: 1874 Map of Cataño. (David Rumsey Map Collection)**



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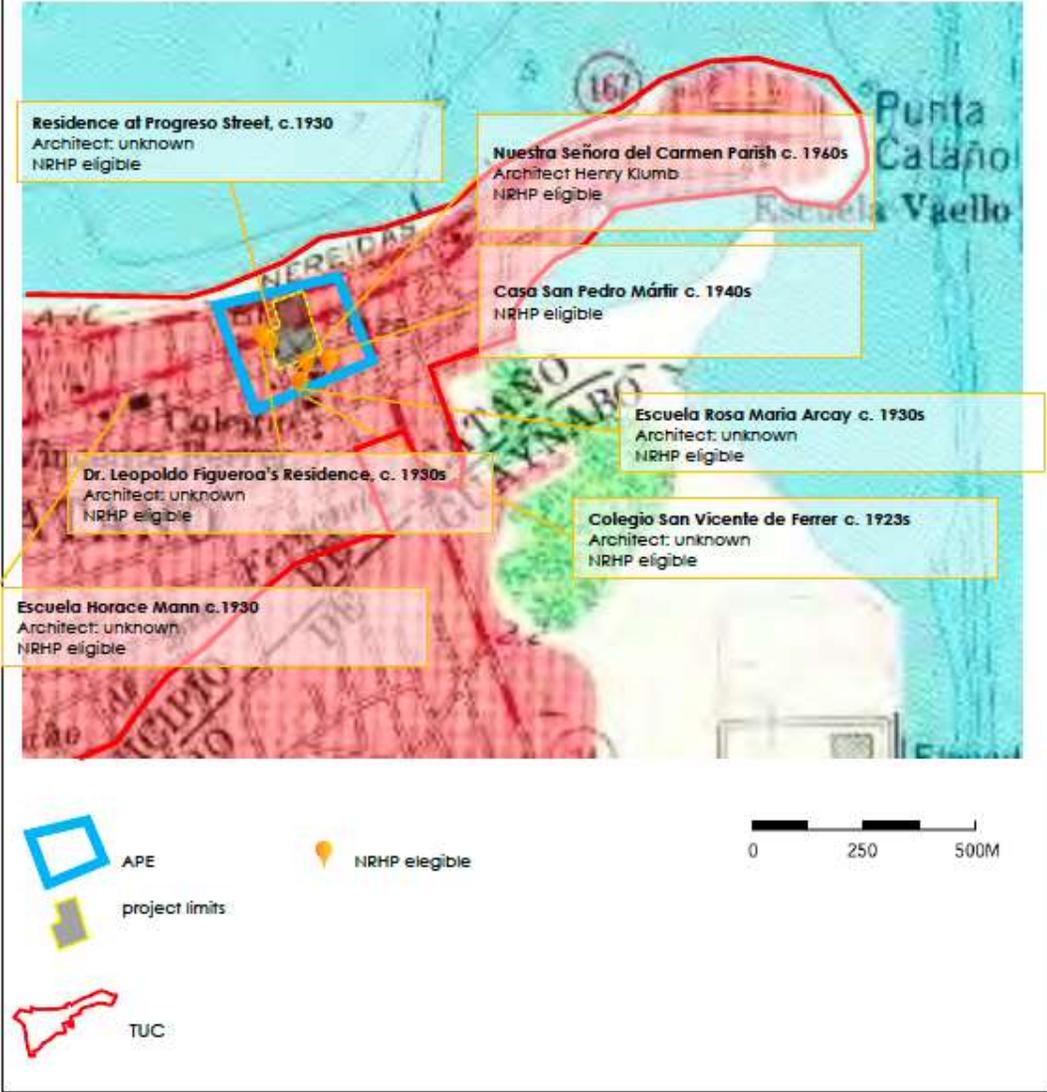
**Fig. 10: Site and APE (on Google Earth 2022 Imagery)**



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**Fig. 11: Project (Parcel) Location with Previous Investigations and known historic properties within the APE – 1963 USGS Topographic Map**



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**Photo key**  
**Google Maps Imagery**



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<b>Photo #:</b> 01	<b>Description (include direction):</b> El Tren St. Nuestra Señora del Carmen Parish can be seen to the left. The building at the front left of the picture is located to the east of the church.
<b>Date:</b> June 13, 2022	

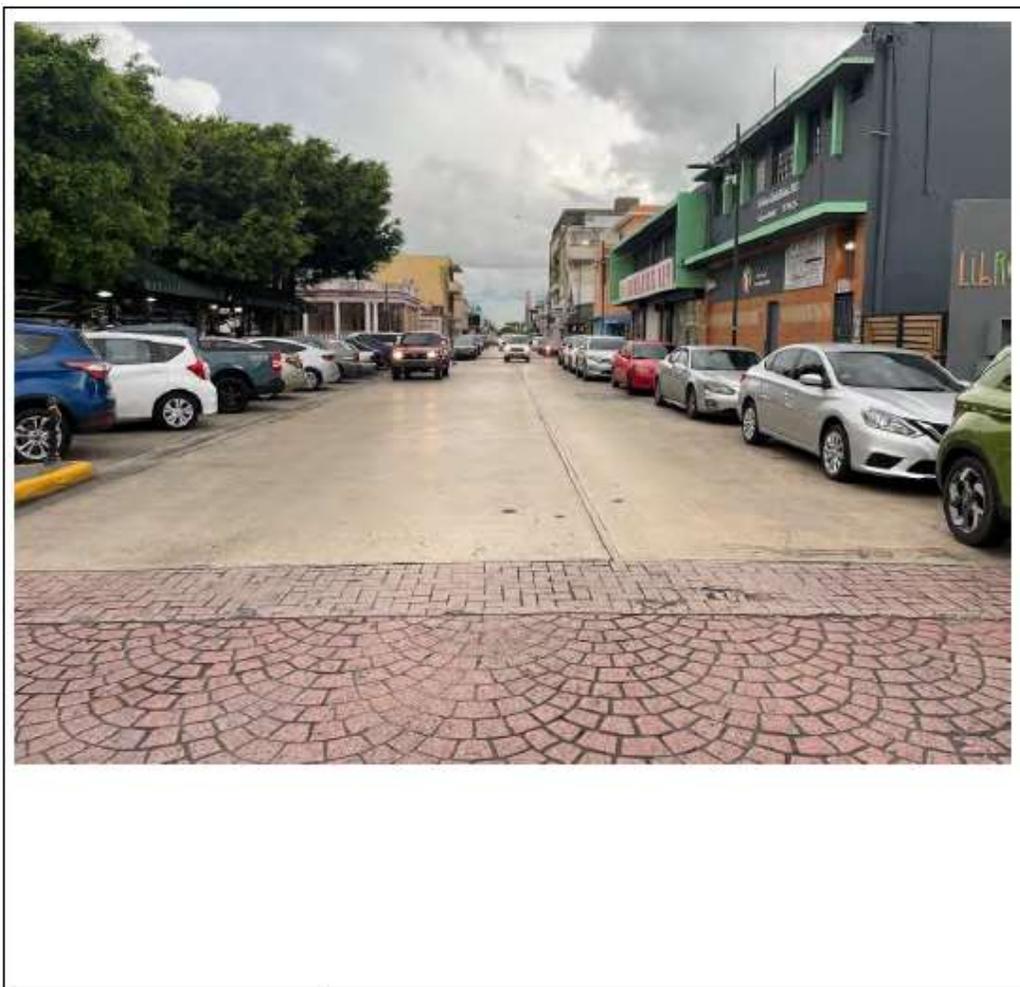
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<b>Photo #:</b> 02	<b>Description (include direction):</b> Isidra Rodríguez St. looking south
<b>Date:</b> June 13, 2022	

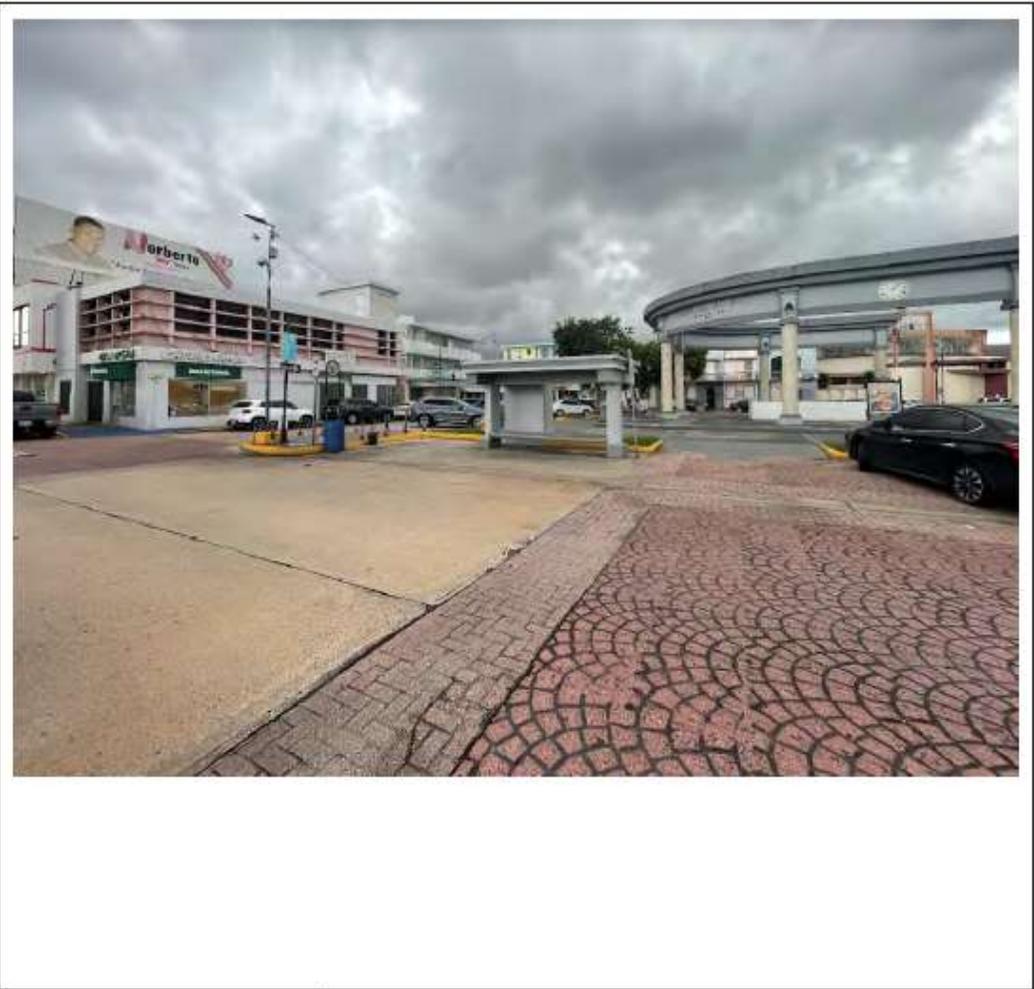
<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>CITY REVITALIZATION PROGRAM (CRP)</b> <b>Section 106 NHPA Effect Determination</b>	
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<b>Photo #:</b> 03	<b>Description (include direction):</b> Barbosa Avenue Dr. Figueroa's house can be seen at the background to the left.
<b>Date:</b> June 13, 2022	

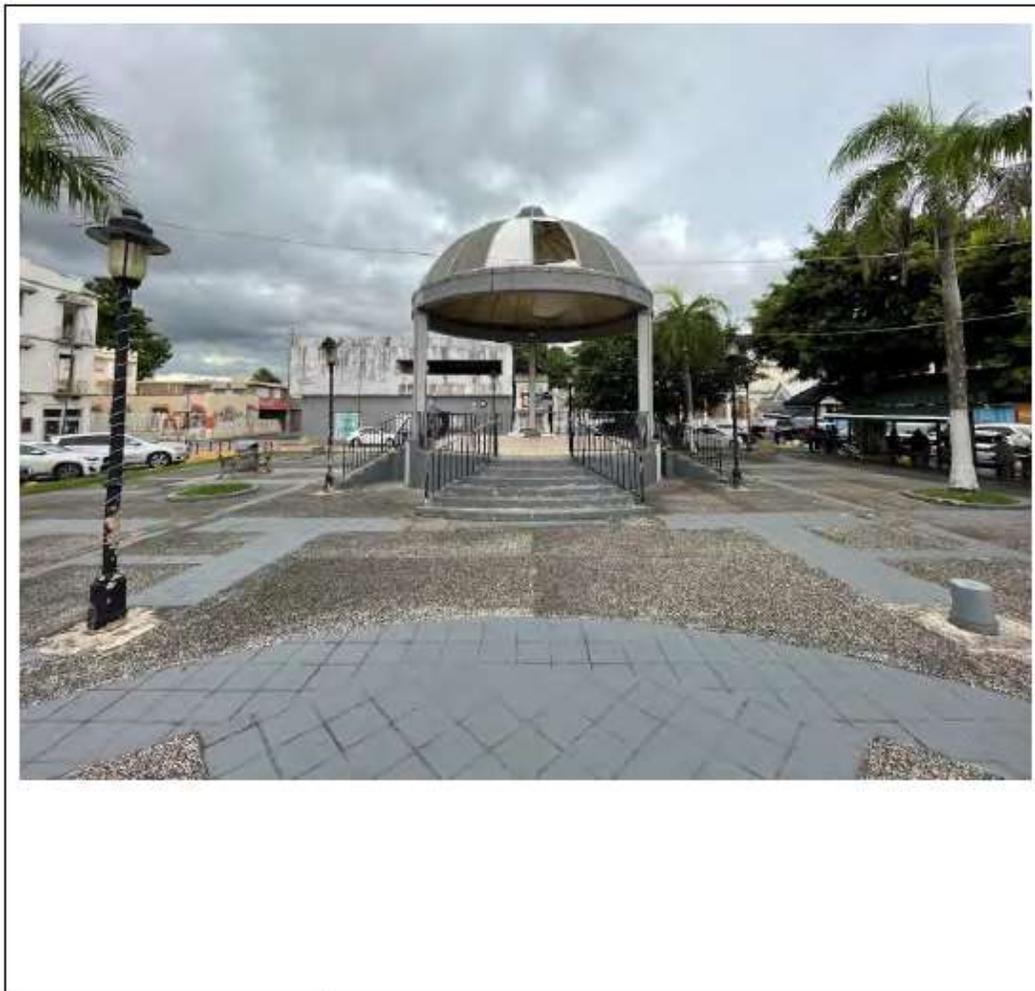
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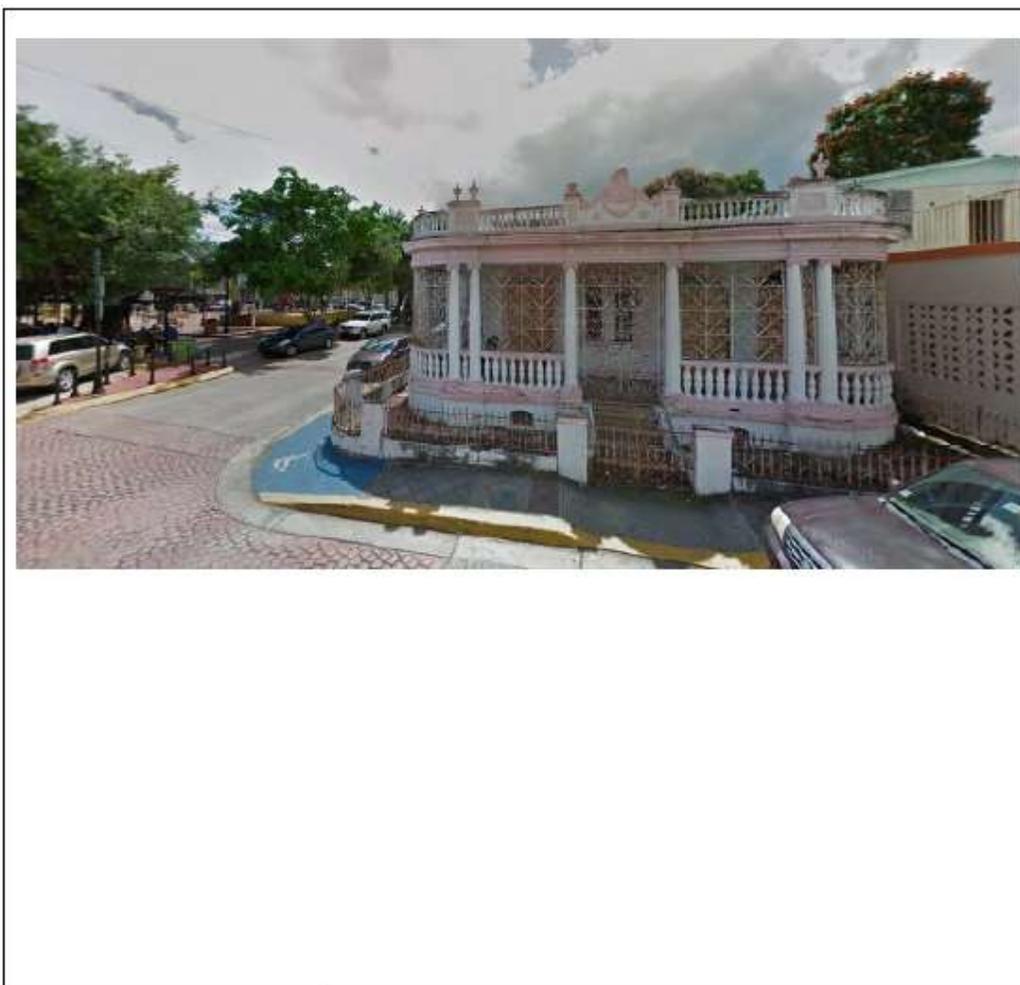
<b>Photo #:</b> 04	<b>Description (include direction):</b> Bus stop at the northeast corner of the Plaza del Recreo
<b>Date:</b> June 13, 2022	The collonade can be appreciated.

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<b>Photo #:</b> 05	<b>Description (include direction):</b> The gazebo is located at the west side of the Plaza del Recreo.
<b>Date:</b> June 13, 2022	

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<b>Photo #:</b> 06	<b>Description (include direction):</b>
<b>Date:</b> 2016 Google Maps	This is the Dr. Leopoldo Figueroa's Residence. The Plaza is located to the left of the house (according to the photo). This picture can show the west side of the plaza and its relation to Dr. Figueroa's Residence.

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<b>Photo #:</b> 07	<b>Description (include direction):</b> Nuestra Señora del Carmen Parish designed by Henry Klumb This picture was selected from Google; thus the nearby structures can be seen. The structure remains the same.
<b>Date:</b> 2016 Google Maps	

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<b>Photo #:</b> 08	<b>Description (include direction):</b> Plaza del Quinto Centenario Pablo Rubio's sculpture is located in the center of this square. The waterfront can be seen in the background to the right.
<b>Date:</b> June 13, 2022	

<b>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM</b> <b>CITY REVITALIZATION PROGRAM (CRP)</b> <b>Section 106 NHPA Effect Determination</b>	
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<b>Project Location: Adjacent plazas across Barbosa Avenue, intersection with calle Isidra Rodríguez, Cataño</b>	
<b>Plaza del Recreo</b>	<b>Plaza Quinto Centenario</b>
<b>Project Coordinates:</b> Lat: 18.44098276, Lon: -66.11920823	Lat: 18.44145418, Lon: -66.11925865
<b>TPID (Número de Catastro): 040-081-057-01 and</b>	<b>040-081-043-10</b>
<b>Type of Undertaking:</b> <input checked="" type="checkbox"/> Substantial Repair <input type="checkbox"/> New Construction	<b>Type of Undertaking:</b> <input checked="" type="checkbox"/> Substantial Repair <input type="checkbox"/> New Construction
<b>Construction Date (AH est.): c. late 1900</b> <b>Property Size (acres): .48</b>	<b>Construction Date (AH est.): c.2000</b> <b>Property Size (acres): .31</b>
<b>SOI-Qualified Architect/Architectural Historian: Zuleika Hernández Miranda</b>	
<b>Date Reviewed: December 20, 2022</b>	
<b>SOI-Qualified Archaeologist: Aida Belén Rivera</b>	
<b>Date Reviewed: January 21, 2023</b>	

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

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### Project Description (Undertaking)

The Municipality of Cataño has selected ERB Arquitectos PSC (ERBa) as the architects in charge of the design of the Plaza del Recreo and Plaza del Quinto Centenario. Both spaces are on coordinates Lat: 18.44098276, Lon: -66.11920823 and Lat: 18.44145418, Lon: -66.11925865, respectively.

"The improvements and remodeling of Plaza de Recreo and Plaza Quinto Centenario shall include, but are not limited to;

- 1) Construction or improvements of pedestrian crossings to increase pedestrian safety.
- 2) Construction or improvements to sidewalks around the squares to provide a similar environment in their surroundings.
- 3) Rehabilitation of pedestrian or other areas.
  - a. Clean any other surface, pedestrian or non-pedestrian, that will not be replaced or impacted by pressure wash and/or cleaning products.
  - b. Sign bases on pavement and/or poles and other obstacles must be removed or replaced if necessary. Impacted areas to be rehabilitated with homogeneous termination to surrounding areas.
- 4) Any task necessary for user safety, as ADA compliance
- 5) Construction of new or improvements to existing structures in accordance with the proposed use, pavement, urban furniture elements, lawns.
- 6) Removal of debris and damaged utilities in disuse.
- 7) Painting of architectural elements to remain.
- 8) Urban Mobiliary:
  - a. Installation of new fixed/permanent benches. Their design will be subjected to the municipality's approval and shall take into consideration the desired architectural harmony and their durability.
  - b. Installation of fixed/permanent garbage stations. Their design will be subjected to the municipality's approval and shall take into consideration the desired architectural harmony and their durability.

<sup>1</sup> According to the Municipality of Cataño's public bid.

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c. Provide bike parking stations. Their design will be subjected to the municipality's approval and shall take into consideration the desired architectural harmony and their durability.

d. Rehabilitation, improvements and/or construction of bus stops. Their design will be subjected to the municipality's approval and shall take into consideration the desired architectural harmony and their durability.

9) Reconstruction and improvements to the signage system of both squares that was affected by hurricanes Irma and Maria and that is necessary for the safety and information of the user. Improvements to the signage system must provide a sense of place and direction:

10) Lighting design and general improvements to the electrical system of the squares will include:

a. Installation of new LED luminaires in all areas of the squares. It is preferred that luminaries be solar powered and with photo sensor for automatic operation. Shade generated by structures and trees shall be considered for lighting design.

b. New luminaries shall be vandal resistant. Their design will be subjected to the municipality's approval and shall take into consideration the desired architectural harmony and their durability.

11) Planting and pruning of trees and green areas.

a. Reforestation of green areas that were affected by Hurricane María. All planting and pruning of green areas and trees must take into consideration the desired architectural harmony and the environmental conditions of the area.

12) All works performed under the City Revitalization Program must comply with the applicable laws and standards including, but not limited to; the IBC International Building CODE 2021, Puerto Rico Building Code 2018 and ADA 2010 Standards for Accessibility Design."

Will also include the following mentioned below: New stage and coffee shop, Al fresco cinema and lawns, space for kiosks and food trucks. There will be grubbing, grading and excavation activities. The stage will have a 2'-0" footing and the coffee shop will have a 2'-6" deep footing as well. Please refer to the plans. S-100 and S-400.

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The Plaza del Recreo de Cataño has an area of .48 acres. It is bounded to the north by Avenida Barbosa, to the northeast by Isidra Rodríguez street, to the southwest by El Tren street, and to the southwest by Julián Acosta street. The buildings that frame this plaza consist primarily of commercial structures. Although the Planning Office of the municipality of Cataño carried out an inventory of the historical properties and of those with historical potential, there is no clear evidence, mentions, or abounds on the specific importance of the structures that surround the Plaza del Recreo, except for the Nuestra Señora del Carmen Parish, that German architect Henry Klumb designed in 1947.

The Plaza del Recreo has a concrete floor with a grid of gray painted cement tiles. To the west, it has a circular gazebo (c. 2000), built in concrete, with three columns that support a metal structure made hemispherical dome. Access to this gazebo is through six steps on three sides of the base circle. This platform is 3'-0" high approximately.

At the square's east end is a colonnade with only five columns supporting a U-shaped architrave. This structure frames a sculpture at the center of the plaza, composed of two geometric figures: a circle and an 8-pointed star with a pyramid. In addition, the Plaza del Recreo has a sculpture in the center on top of a square base, which is on a circle fashioned in the same gray color as the grid.

The square has a space to the northwest dedicated to the game of dominoes, which is quite popular. The activity is facilitated by the parking lots adjacent to the plaza and repeated on different sides of the square. However, the number of parking spaces only guarantees a stay in the plaza for domino players. The parking lots are primarily for visiting the parish and businesses within the limits of the public space. The square has several trees, as well as empty tree pits. Despite the items in this space, a hierarchy should be established. The elements compete with each other. Despite these and the trees, there needs to be more shade, benches, and seats for people to enjoy this gathering space. Interestingly, the town hall is not within these limits.

The Plaza del Quinto Centenario is bounded north by the Avenida Las Nereidas, east by Isidra Rodríguez street, south by Avenida Barbosa, and west by a medical office building. The municipality of Cataño built this plaza circa 1999. The Puerto Rican sculptor Pablo Rubio installed a metal sculpture designed and built for this plaza's center. At the moment, the nearby restaurants use this area for sitting. The 1999 plans (24 years ago), in charge of René Vélez Marichal and Associates show the design for the pavement replacement, electrical

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and water pumping systems for a fountain and the excavation for trees and a Pablo Rubio's commemorative sculpture. Grubbing and excavation depths range from 1'-0" to 3'-0" approximately. There is no evidence of archeological findings. Please refer to plans in the Supporting Documents.

The floor patterns delineate the urban center and are finished with ornamental cement blocks and asphalt. The sidewalks are narrow, and in an attempt to comply with the ADA law, they have ramps added after the fact, many interrupted by urban elements such as various lighting poles. An interesting fact is that the sidewalks coincide with chamfers in the corners of some blocks. This geometry has been respected on a few occasions.

The architects designed both areas to be connected. Likewise, their intervention aims to promote the gathering of people and a relationship between the two plazas. New landscape, urban furniture, and new floor materials, like concrete and terrazzo, will be incorporated. The generated patterns are based on Cataño's flag design which bears a combination of stripes reminiscent of the wards that integrate to form Cataño. These bands mark the direction and provide areas for sitting, contemplating, relaxing, and walking. Likewise, the location of landscaping and vegetation provides shade and lower temperatures. This way, the goal is to create more welcoming spaces and establish a hierarchy between the two squares. There will be a stage at the west side of the plaza. Its dimensions are 15'-0" x 30'-0" with a height of approximately 12'-0". The design promotes lightness.

Although the designed patterns, landscape, and materials connect both squares, the Plaza del Recreo promotes passive activities (such as dominoes and church-related). There will be a small stage and a coffee shop. In contrast, in the Plaza del Quinto Centenario, more events will take place as a complement to the restaurants. An "al fresco" cinema and lawns will serve as a prelude to the Cataño boardwalk. It will also hold space for kiosks and food trucks that will enrich festivals and other related activities.

The Isidra Rodríguez street will be brought up to the square pavement level, thus, according to the needs of the activities, and therefore become part of the entire plaza. Likewise, sidewalks will be intervened to comply with ADA regulations. Avenida Barbosa's width will be narrowed from 31'-0" to 23'-0", to encourage pedestrian circulation, as well as the slowing of vehicles.

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The new project will promote the visit and gathering of people. Likewise, by incorporating a different pavement, urban furniture and vegetation (all complying with the SOI's Rehabilitation Standards), the character of the eligible structures in the APE will be highlighted by the contrast and differences in design and styles.

### Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the undertaking, the Program has determined that the APE for this project extends one block west, one block south and one block east of the actual project footprint: from calle Pilar to the west, to calle Amparo to the south, and to PR-24 to the east. The north is defined by PR-888. (Figures 1-3). The APE area is equivalent to .01 square miles.

### Identification of Historic Properties - Archaeology

Existing information on previous surveys and identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. A Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61) has reviewed the existing information.

The proposed project location (Figures 2-3) has not changed much over almost a century. The 1941 USGS topo map (Figure 4) already shows urban development of the APE. The same is true on the 1930 aerial photo. (Figure 8) Clearly, the urban infrastructure and specific structures have been built, torn down, rebuilt, improved, etc. but soil disturbance is a constant on site for at least ninety years. The Soil Survey classifies the area as Urban land (Figure 5), referring to soils that have been significantly altered by human activity, specifically a largely built environment.

The general area has been surveyed in previous years. Three archaeological surveys have been carried out within the APE. (Figures 6 and 7). The three consistently address an absence of archaeological resources:

Ramos Vélez, Marlene  
 1996 Desarrollo urbano de la zona costanera de Cataño  
 Phase IB

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ICP/CAT-CT-96-02-07 and SHPO #07-21-95-06

Negative

1995 Desarrollo urbano de la zona costanera de Cataño

Phase IA

ICP/CAT-CT-95-02-03 and SHPO #07-21-95-06

Negative

Rivera Calderón, Virginia

2003 Sistema de alcantarillado sanitario para las comunidades Juana Matos y Reparto

Paraíso

Phase IA-IB

ICP/CAT-CT-03-03-09

Negative

Another five surveys have been carried out on land within a half mile radius of the proposed project location. Three of them had positive results: the identification of site CT-2, approximately 375 meters east of the proposed project location.

There are no known historic properties within the proposed undertaking's APE. An archaeological resource: the limited remnants of Línea Férrea del Oeste, also known as the Valdés Railroad and Ferry Line, (CT-2), and a 1917 abandoned building that housed the Primera Iglesia Evangélica Luterana (CN0200002) are the only two within a half mile radius.

Plaza del Quinto Centenario was built in 2000. Plans designed by René Vélez Marichal and Associates show the minimum and maximum excavation depths, ranging from 1'-0" to 3'-0" approximately. There is no evidence of archeological findings. This project is registered as: 00CX60000005563 under the formerly known ARPE (Permits Authority now OGP). The project's official name is PARQUE PASIVO PASEO DEL MAR. There are other projects filed at the Puerto Rico Planning Board 1997141009JGU (Consulta de Ubicación). The site has already been intervened 23 years ago.

#### Identification of Historic Properties - Architecture

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36CFR Part 61), shows that the project's area is **within the boundaries of the National Register of Historic Places (NRHP)-eligible Cataño's Traditional Urban Center.**

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In the mid-19th century, there was a "boom" in the development of the town of Cataño, with the establishment of a transport company that provided service through the San Juan Bay. This led to an increase in its population.

Although Cataño was established in 1568, its urban center was founded in 1927, after its independence from the town of Bayamón. Consequently, the urban center of Cataño evolved and peaked in the 1940s. Remnants of structures can still be seen. However, most of them have been heavily intervened and are evidence of aesthetic and programmatic alterations according to needs and time.

Currently, the urban center is filled with properties that have been adapted to actual uses. Among these are restaurants, cafeterias, bars, and beauty salons. Some of these structures have residential uses but are on the second floor. As well, many abandoned properties lack maintenance, therefore, contributing to decay and dullness. There is a mix of materials, aesthetics, styles, and ornamentation. All are evidence of unevenness and change of times.

The consulted archives, among which are webpages, newspapers, magazines, maps, and photos from the end of the 19th century and the beginning of the 20th century, allude to and show the town covered with houses made of palm trees. These were demolished or eventually transformed into structures built in concrete and wood with corrugated metal roofs. The consulted properties inventory, carried by the Municipality of Cataño's Planning Department, does not provide sufficient information regarding the properties that frame the project's plazas. No physical evidence remains of the original status of the properties.

At the end of the 19th century, Cataño had a Catholic parish. According to the information consulted, the first church suffered extensive damages from hurricane San Ciriaco (1899). Later, a Neoclassical church was built, which was demolished in the 1950s. Consequently, the Nuestra Señora del Carmen parish was built. This church was designed in a Modern Movement style by German Architect Henry Klumb. This church is eligible for inclusion in the National Register of Historic Places (NRHP), as is already the San Martín de Porres church, also designed by architect Klumb and located in Cataño, but not within the project's APE.

Its architectural characteristics and historical background make Nuestra Señora del Carmen parish an eligible property for inclusion in the NRHP under many of the NRHP criteria and confirmed by PRSHPO. This church was inaugurated in 1960.

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The structure (early XXth century) located to the west of the parish has details alluding to the Spanish Revival, as well as ornamental rusticated arches with particular emphasis on their keystones. The property to the west of this has Spanish Revival elements, including a tower with battlements. The finishing of the walls is stucco, which gives it a more rusticated appearance.

In the lower west corner, in the same block that the Nuestra Señora del Carmen parish occupies, there is a building in a state of abandonment that is identified as a fallout shelter. This structure was the Escuela Fosa Maria Arcay built in the late 1930s (c.1937) and possesses Spanish Mediterranean elements. According to the USGS Maps (1949), this structure used to be a school. Its entrance is aligned with the chamfer where the sidewalks meet.

The San Vicente de Ferrer School, which is on Las Flores Street, with the Nuestra Señora del Carmen Parish as its northern limit, was inaugurated between 1923 and 1924, and its style combines elements of the Spanish Revival with two Palladian four stories high pilastered porticoes. To the east of Nuestra Señora del Carmen Parish is the Casa San Pedro Mártir which was built c. 1940s and it is the actual Parish House. The facade appears to be intervened, while the body of the structure has more simple lines.

In the northwest corner of the Plaza del Recreo is the house of Mr. Leopoldo Figueroa (eligible per PRSHPO records), a doctor, lawyer, and politician. It is located on the northwest corner of Julián Acosta street and Barbosa avenue. Dr. Figueroa contributed to the training of doctors and was a member of the House of Representatives of Puerto Rico (1940-1960). Thus, he also served as director of the leprosy medical center that used to be located on Isla de Cabras.

Dr. Figueroa's house is located on the corner. Its design tries to replicate the Neoclassical style on a smaller scale. Although its sidewalks do not coincide in chamfer, the residence has rounded corners that contrast with the surrounding structures and are reminiscent of the influence of Catalan modernism and the suggestion of movement. This architectural gesture matches some of the sidewalks that are chamfered at the corners. One could theorize about the possible influence of Hernando de Cataño, a Spanish citizen who founded this town.

Adjacent to the house is what appears to be a garage, but it is currently used for another purpose. Although it seems to be in the same style, the order is different, and the ornamental

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appliques appear more aesthetic. Both properties are neglected and lacking in maintenance. Nonetheless, per PRSHPO files this is eligible for the NRHP.

The other structures that border the Cataño recreation square show programmatic interventions that have resulted in physical and spatial alterations according to the needs and aesthetic appreciations of the owners. It is difficult to determine the original uses of these properties, given the lack of integrity of each one of them. Currently, the zoning of these structures is Commercial Intermediate (C-I). The square and Avenida las Nereidas are classified as General Dotacional (DT-G).

According to the USGS Maps and Imagery, as to architectural style remnants, these are properties originally built from the 1930s to the 1960s. Lastly, most of them do not maintain their original styles or classifications.

#### **Determination**

The following historic properties have been identified within the APE:

- Direct Effect:

- Plaza del Recreo: 18.440994,-66.119204
- Plaza del Quinto Centenario: 18.44145418, -66.11925865

- Indirect Effect:

- Nuestra Señora del Carmen Parish: 18.440564,-66.119049  
Architect Henry Klumb  
1960
- Casa San Pedro Mártir: 18.440755,-66.118907  
Architect: unknown  
c. 1940s

- Indirect Visual Effect:

- Nuestra Señora del Carmen Parish: 18.440564,-66.119049  
Architect Henry Klumb  
1960
- Dr. Leopoldo Figueroa's Residence: 18.440962,-66.119652  
Architect: unknown  
circa 1930s

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- Progreso Street Residence: 18.44049346, -66.11947600  
 Architect: unknown  
 c. 1930s
  
- Escuela Rosa Maria Arcay: 18.440404, -66.119191  
 Architect: unknown  
 c. 1930s
  
- Colegio San Vicente de Ferrer, 18.440204, -66.118964  
 Architect: unknown  
 c. 1923
  
- Escuela Horace Mann: 18.440211, -66.121635  
 Architect unknown  
 c. 1930s  
 The school has been abandoned. As recently as January 2023, it was put up for auction.

The Escuela Rosendo Matienzo Cintrón: 18.441169, -66.125058, is .39 miles from the project. Consequently it is farther from the APE.

There are other properties that could be eligible for inclusion in the NRHP, but that require further research and evidence of compliance with the NRHP Inclusion Criteria. Furthermore, PRSHPO is the custodian of the Cataño's Properties Inventory that was in charge of Jerry Torres Santiago, PH.D: "*Proyecto de Reconocimiento general de recursos arquitectónicos - Municipio de Cataño*"

Based on the results of our historic property identification efforts, the Program has determined that project actions will have no adverse effect on known historic properties. The scope of work is limited to the footprint of the plazas, and adjacent streets. The area has previously been surveyed, and no archaeological resources have been identified.

Consequently, the intervention in Plaza del Recreo, surrounding streets and Plaza del Quinto Centenario will not be detrimental to the eligible historic properties that comprise the APE. Sidewalks, pavers, light structures, vegetation and ADA compliant ramps do not affect the physical characteristics of the eligible properties, nor the character of each of the plazas. Accordingly, we concur that the determination must be of no adverse effect on eligible or known historic properties.

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**Recommendation (Please keep on same page as SHPO Staff Section)**

The Puerto Rico Department of Housing requests that the Puerto Rico SHPO concur that the following determination is appropriate for the undertaking (Choose One):

- No Historic Properties Affected  
 No Adverse Effect  
 Adverse Effect  
     Proposed Resolution (if applicable)

**This Section is to be Completed by SHPO Staff Only**

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

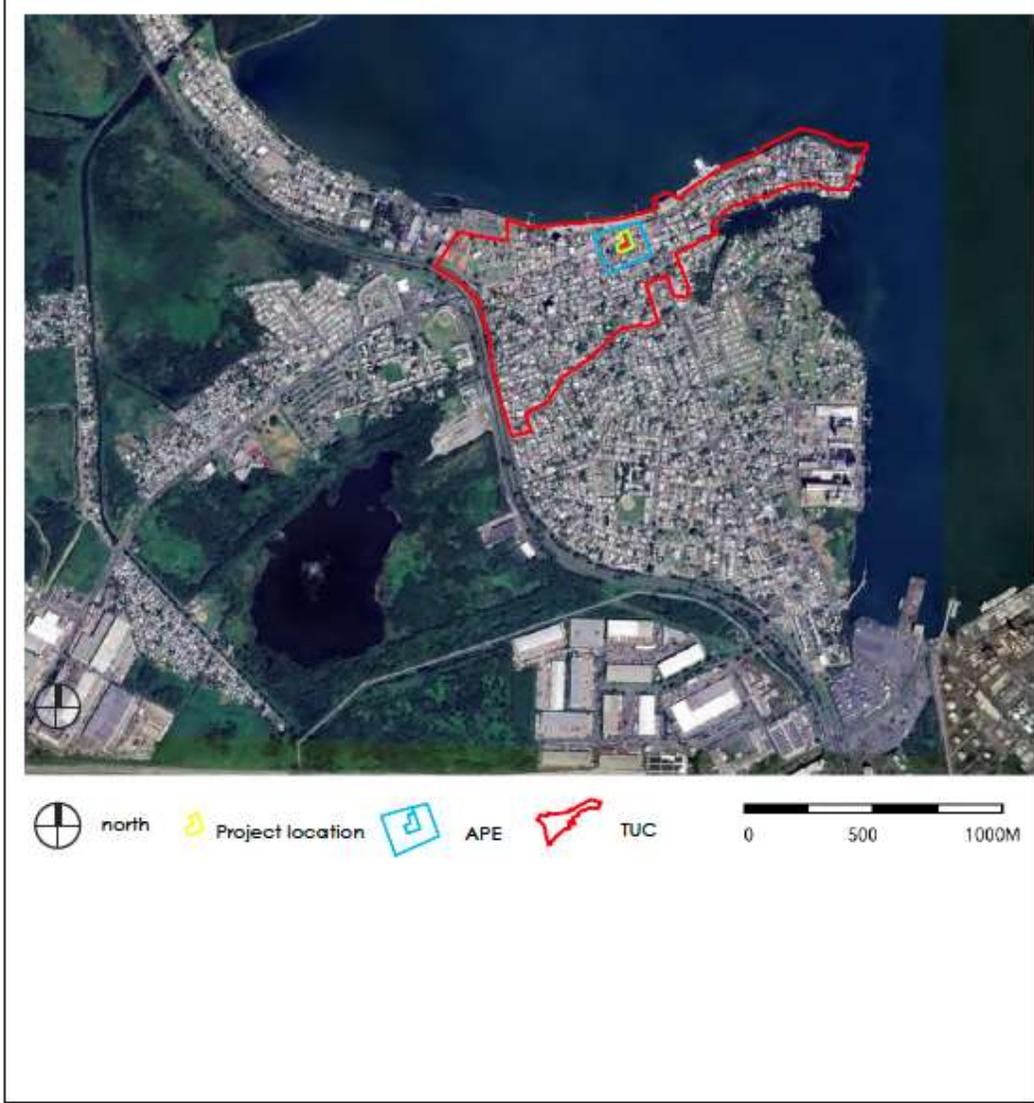
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**Fig. 1: Project (Parcel) Location – Area of Potential Effect Map (Aerial)  
(on Google Earth 2022 imagery)**



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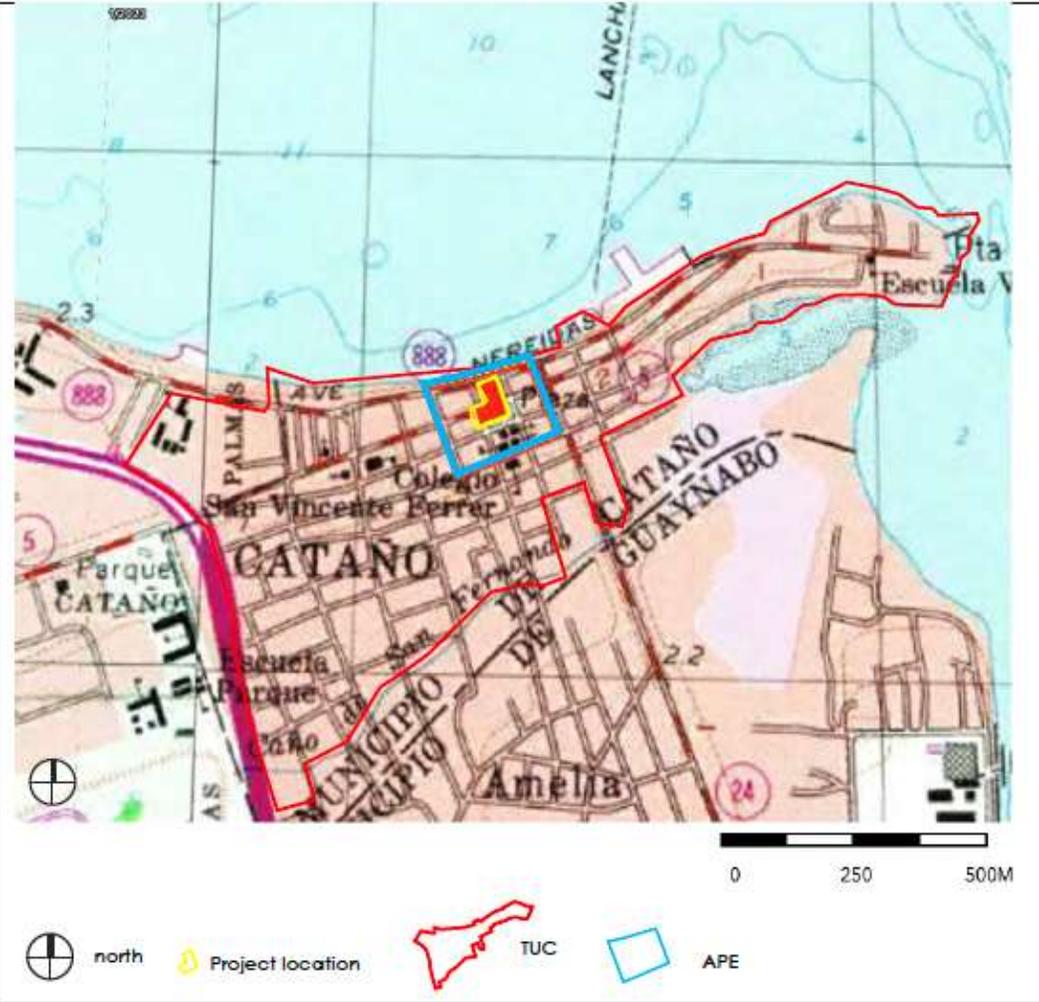
**Fig. 2: Project (Parcel) Location and APE - Aerial Map (on Google Earth 2022 imagery)**



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**Fig. 3: Project (Parcel) Location and APE – 1969 (1982 ed.) USGS Topographic Map**



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**Fig. 4: Project (Parcel) Location and APE – 1941 USGS Topographic Map**



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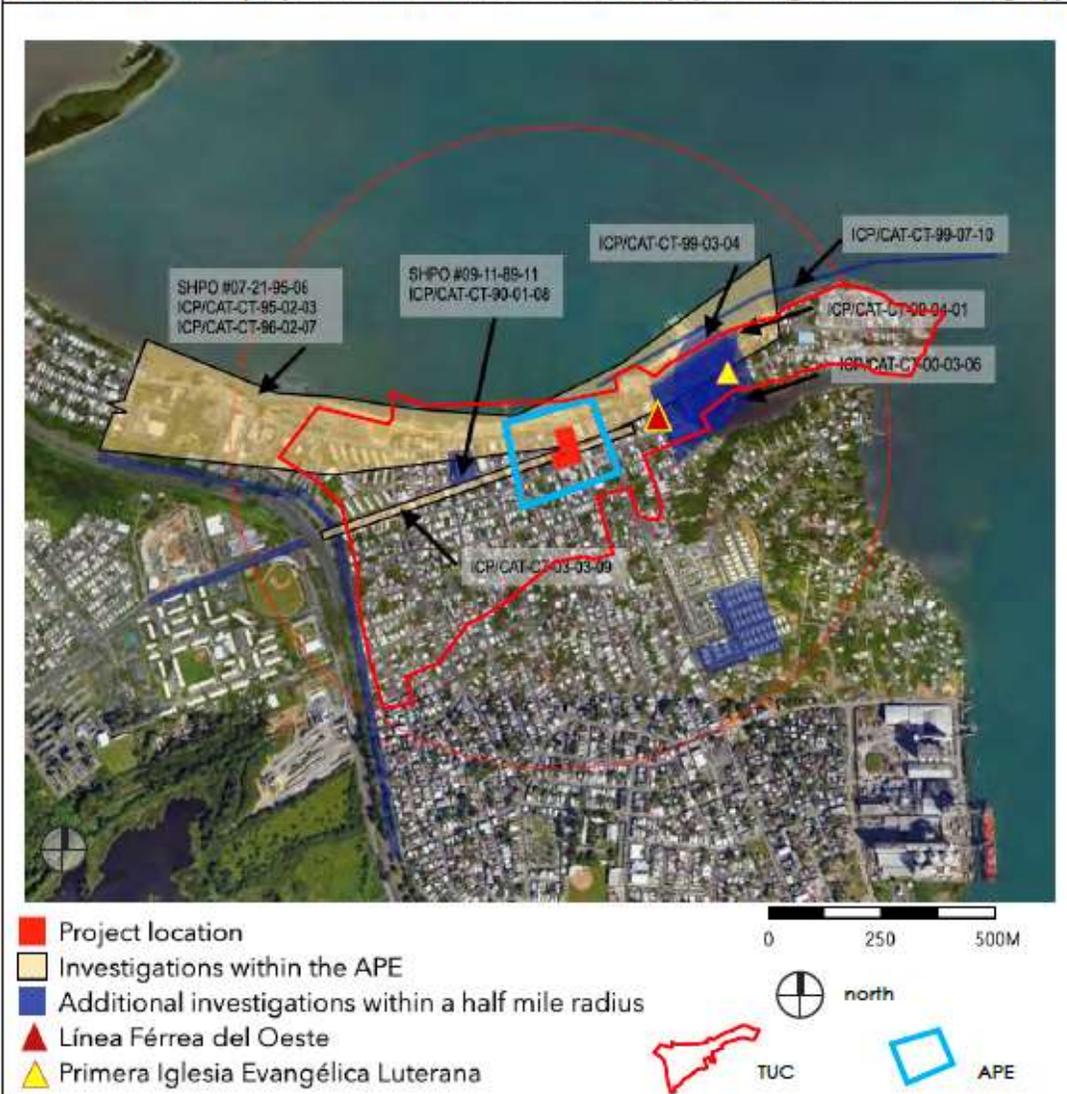
**Fig. 5: Project (Parcel) Location – Soils Map (USDA Web Soil Survey imagery)**  
 Ul: Urban land (San Juan Area Soil Survey, Version 16, September 12, 2022)



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**Fig. 6: Project (Parcel) Location with Previous Investigations and known historic properties within the APE – Aerial Map (on Google Earth 2022 imagery)**



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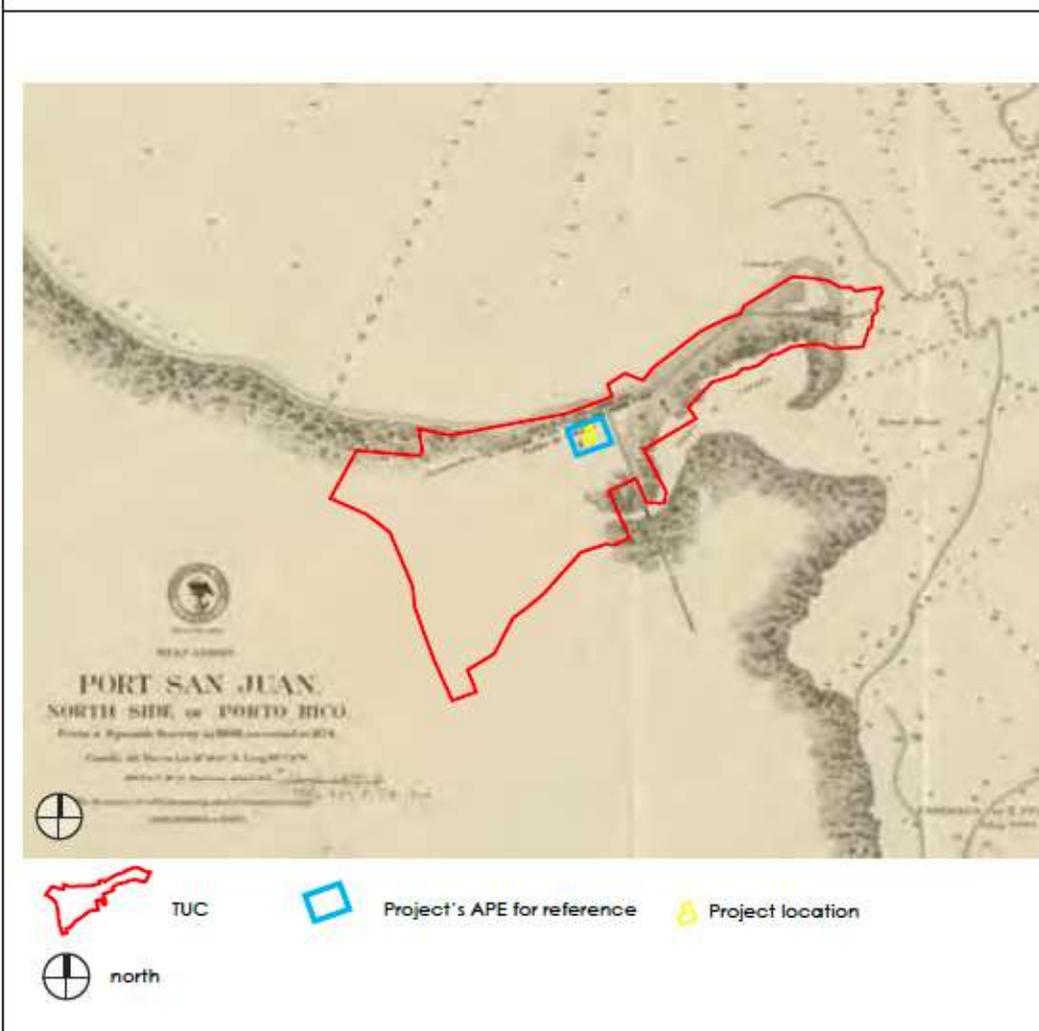
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**Fig. 8: 1930 Aerial photo of downtown Cataño  
USGS Imagery**



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**Fig. 9: 1874 Map of Cataño. (David Rumsey Map Collection)**



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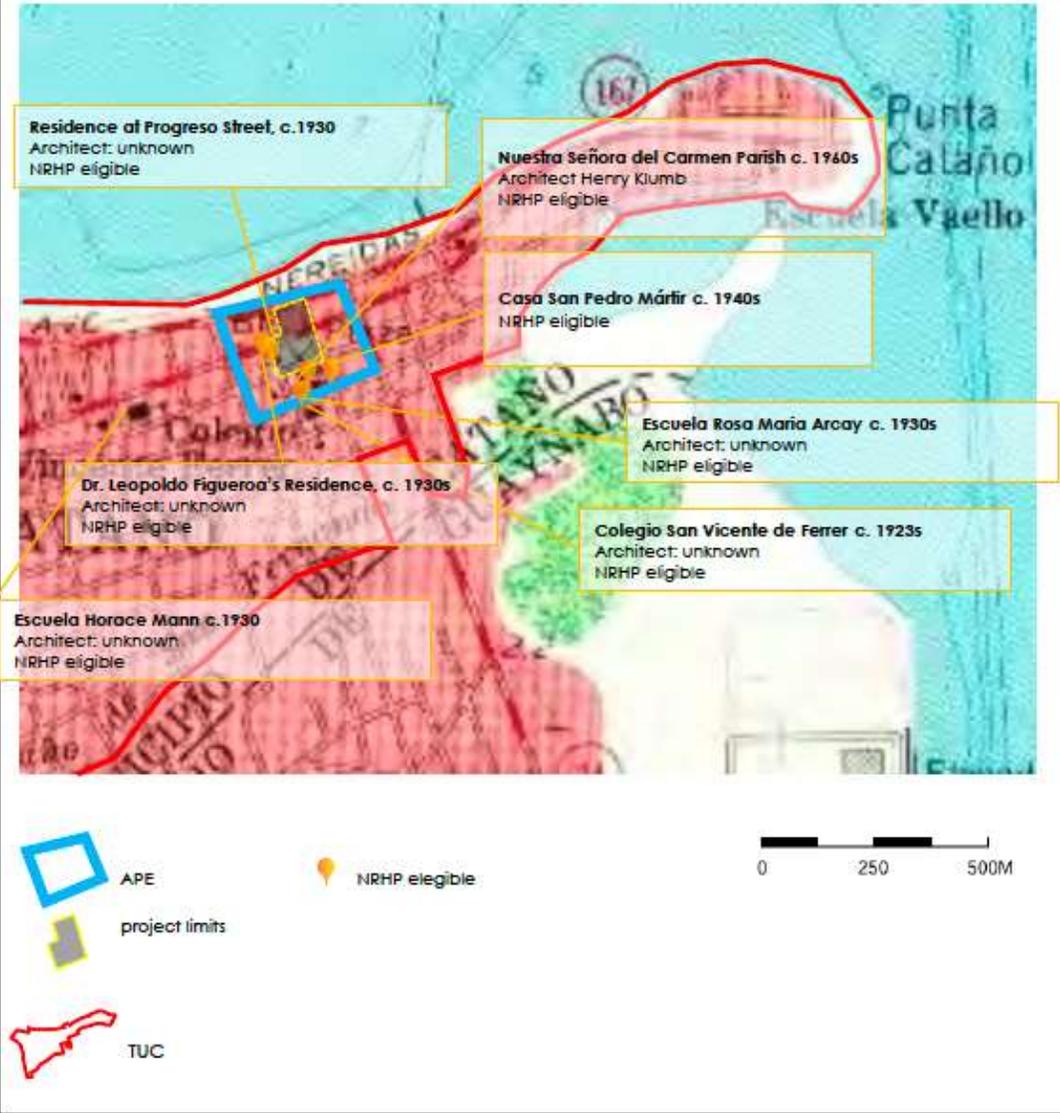
**Fig. 10: Site and APE (on Google Earth 2022 Imagery)**



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**Fig. 11: Project (Parcel) Location with Previous Investigations and known historic properties within the APE – 1963 USGS Topographic Map**



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**Photo key  
Google Maps Imagery**



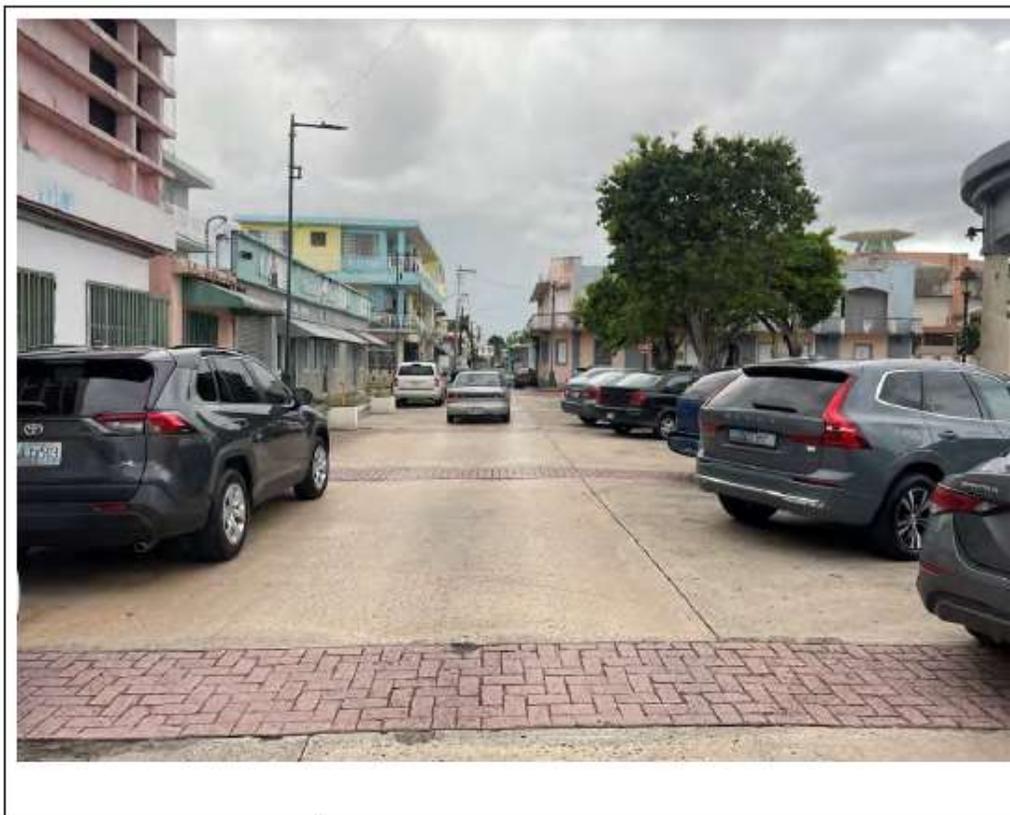
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<b>Photo #:</b> 01	<b>Description (include direction):</b> El Tren St. Nuestra Señora del Carmen Parish can be seen to the left. The building at the front left of the picture is located to the east of the church.
<b>Date:</b> June 13, 2022	

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<b>Photo #:</b> 02	<b>Description (include direction):</b> Isidra Rodríguez St. looking south
<b>Date:</b> June 13, 2022	

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<b>Photo #:</b> 03	<b>Description (include direction):</b> Barbosa Avenue
<b>Date:</b> June 13, 2022	Dr. Figueroa's house can be seen at the background to the left.

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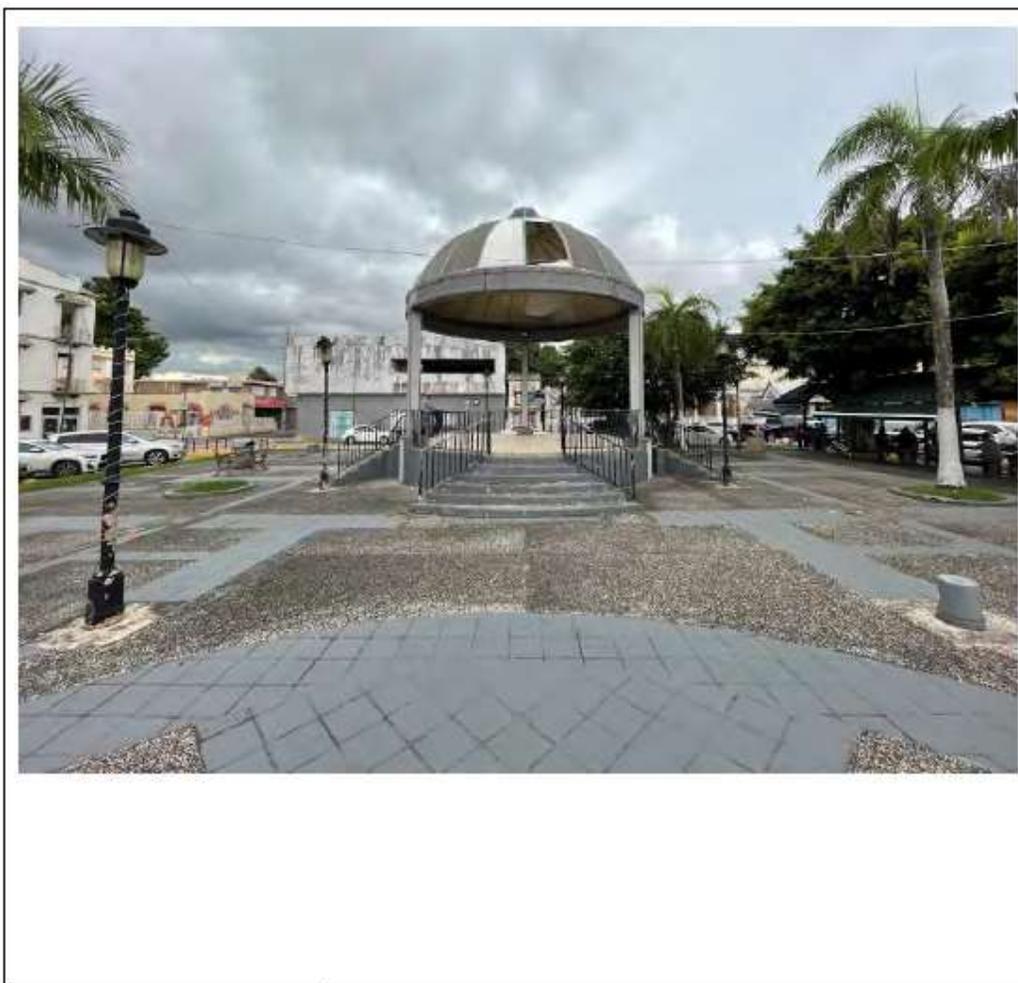
<p>PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM          CITY REVITALIZATION PROGRAM (CRP)          Section 106 NHPA Effect Determination</p>	
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<p><b>Photo #:</b> 04</p>	<p><b>Description (include direction):</b>          Bus stop at the northeast corner of the Plaza del Recreo          The collonade can be appreciated.</p>
<p><b>Date:</b>          June 13, 2022</p>	

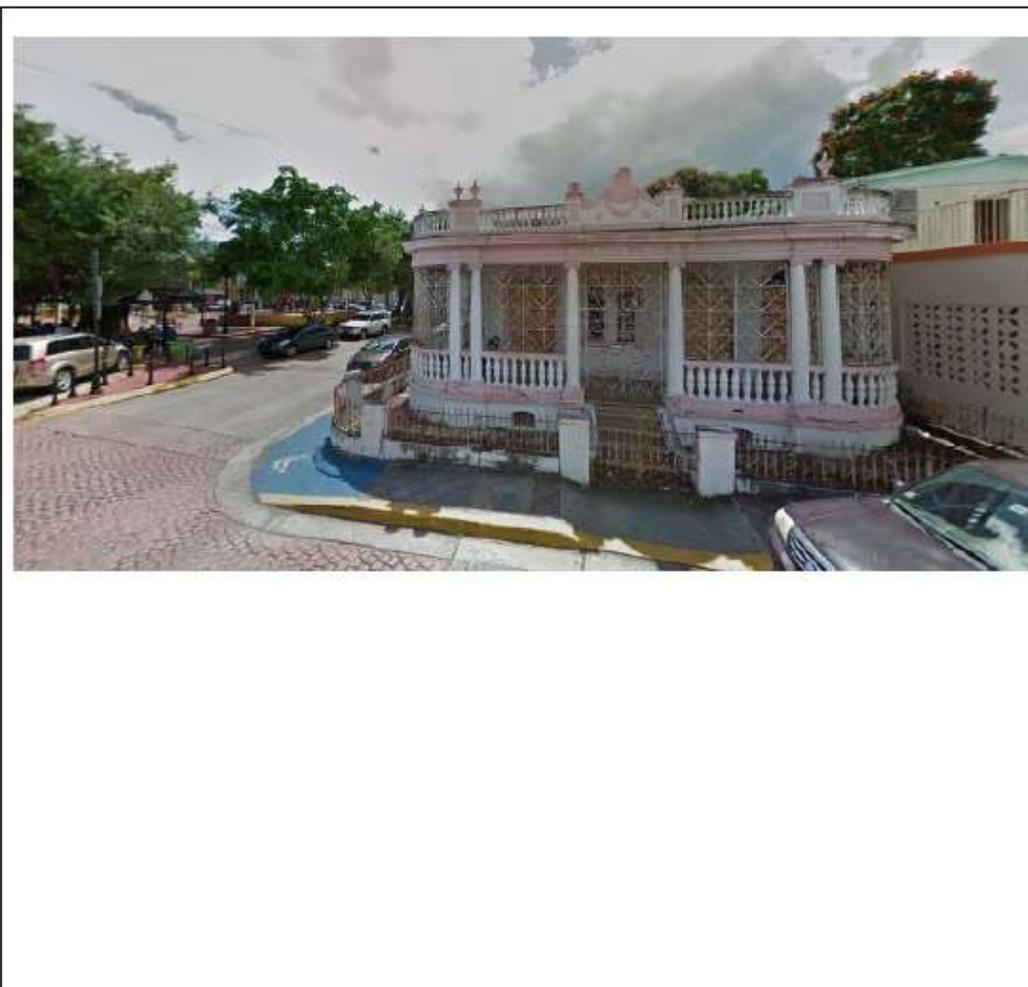
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<b>Photo #:</b> 05	<b>Description (include direction):</b> The gazebo is located at the west side of the Plaza del Recreo.
<b>Date:</b> June 13, 2022	

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<b>Photo #:</b> 06	<b>Description (include direction):</b>
<b>Date:</b> 2016 Google Maps	This is the Dr. Leopoldo Figueroa's Residence. The Plaza is located to the left of the house (according to the photo). This picture can show the west side of the plaza and its relation to Dr. Figueroa's Residence.

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<b>Photo #:</b> 07	<b>Description (include direction):</b> Nuestra Señora del Carmen Parish designed by Henry Klumb This picture was selected from Google; thus the nearby structures can be seen. The structure remains the same.
<b>Date:</b> 2016 Google Maps	

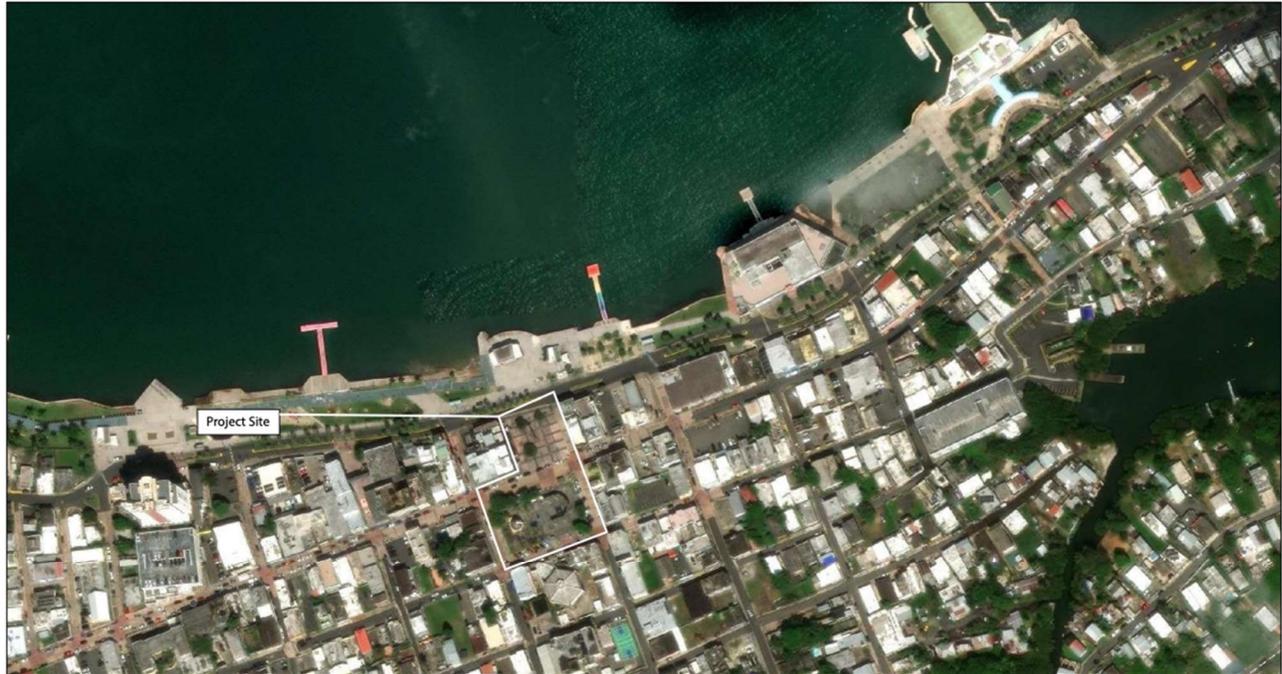
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<b>Photo #:</b> 08	<b>Description (include direction):</b> Plaza del Quinto Centenario Pablo Rubio's sculpture is located in the center of this square. The waterfront can be seen in the background to the right.
<b>Date:</b> June 13, 2022	

# 1.13 Sole Source Aquifer PR-CRP-000528

## Sole Source Aquifer



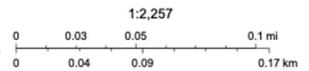
9/26/2023, 2:42:45 PM

Coordinates: 18°26'29.00"N, 66°79.22"W  
Address: Barbosa Ave, Cataño, 00962



City Revitalization Projects Under Community  
Development Block Grant - Disaster Recovery  
Remodelación de la Plaza de Recreo y Quinto Centenario  
PR-CRP-000528

Coordinates: 18°26'29.00"N, 66°79.22"W  
Address: Barbosa Ave, Cataño, 00926



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

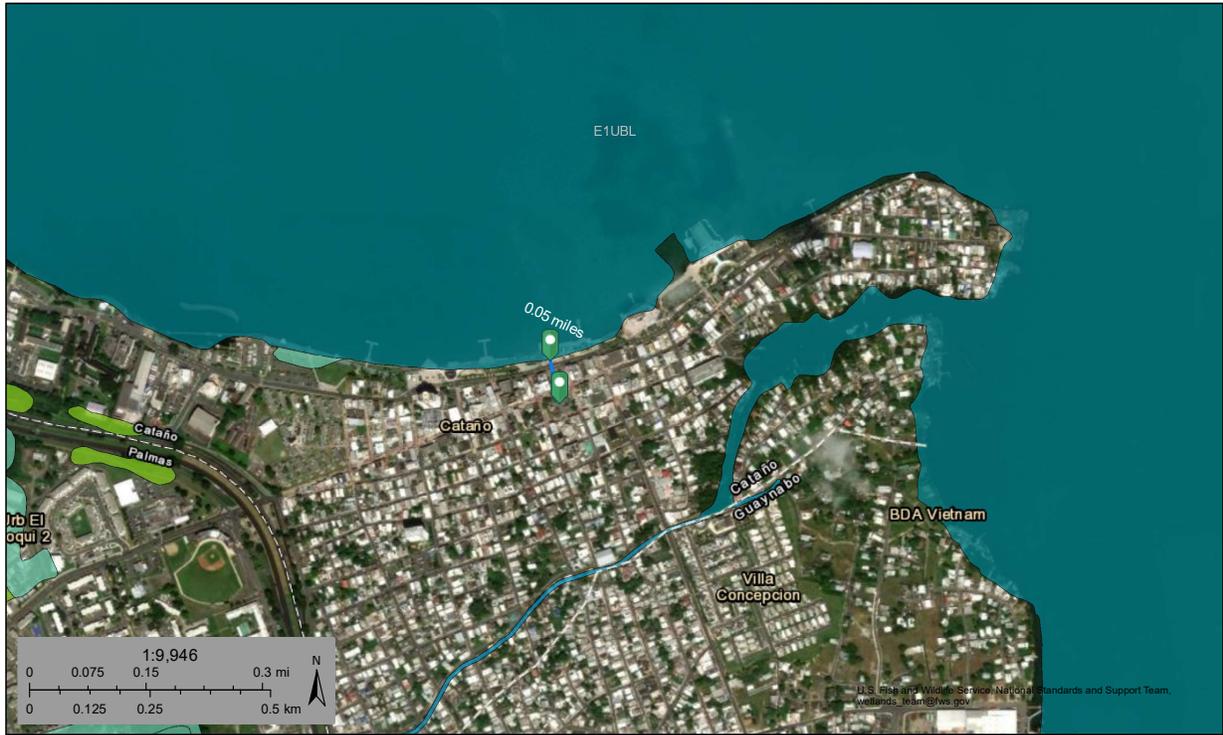
<https://www.epa.gov/dwssa/map-sole-source-aquifer-locations>

U.S. Environmental Protection Agency

1.14 Wetlands Protection PR-CRP-00528



City Revitalization Projects Under Community  
 Development Block Grant - Disaster Recovery  
 Remodelación de la Plaza de Recreo y Quinto Centenario  
 PR-CRP-00528  
 Coordinates: 18°26'29.00"N, 66°7'9.22"W  
 Address: Barbosa Ave, Cataño, 00926



July 10, 2024

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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

<https://fwprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/>

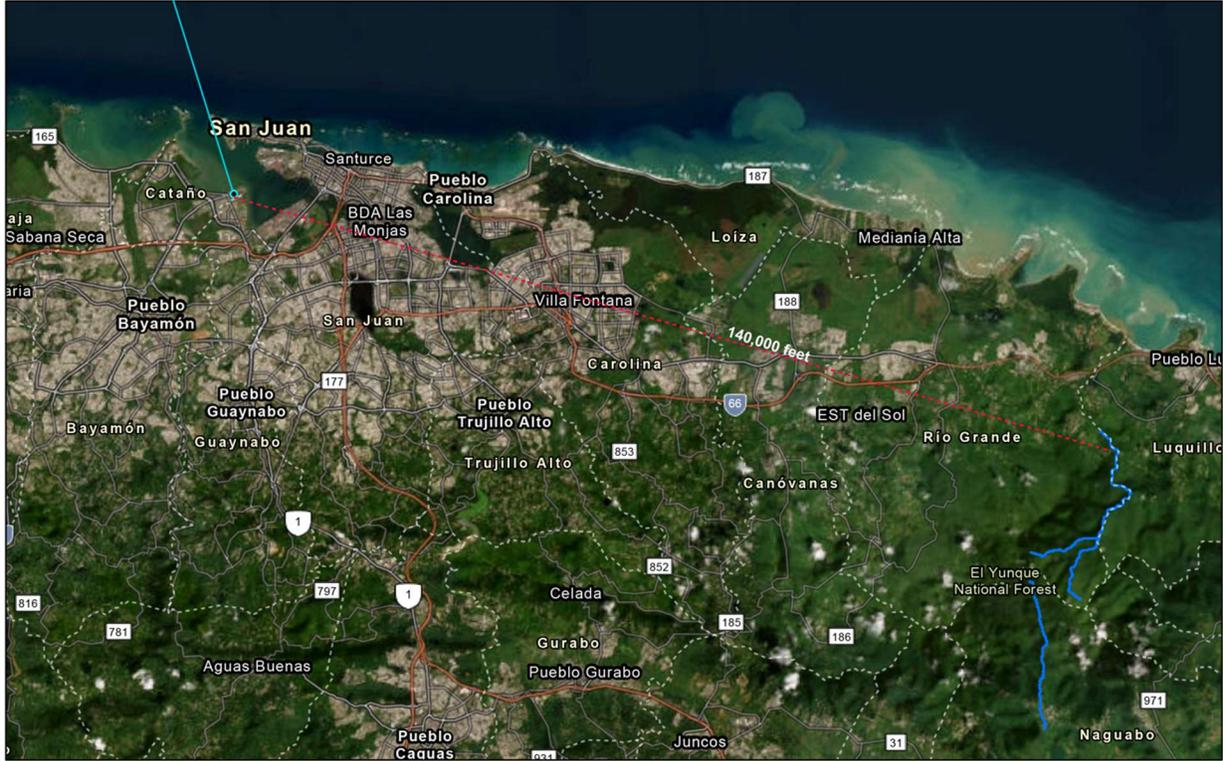


National Wetlands Inventory (NWI)  
 This page was produced by the NWI mapper

# 1.15 Wild and Scenic Rivers PR-CRP-000528

Coordinates: 18°26'29.00"N, 66°7'9.22"W  
 Address: Barbosa Ave, Cataño, 00962

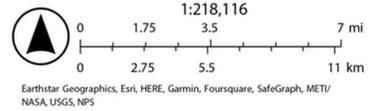
City Revitalization Projects Under Community Development Block Grant - Disaster Recovery  
 Remodelación de la Plaza de Recreo y Quinto Centenario PR-CRP-000528



4/26/2023

National Wild and Scenic River Lines (Feature Layer) - National Wild and Scenic River Line  
 World Imagery  
 Low Resolution 15m Imagery

High Resolution 60cm Imagery  
 High Resolution 30cm Imagery  
 Citations



<https://www.arcgis.com/apps/mapviewer/index.html?panel=gallery&layers=71c40a05063f4e6ebec08af558a9145c>