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

Pursuant to 24 CFR 58.35(a)

Project Information

Project Name: Mejoras y Reforestación del Sistema Vial del Centro Urbano (PR-CRP-000488)

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:

Juan Carlos Perez-Bofill - Director, Disaster Recovery CDBG-DR
Sally Z. Acevedo-Cosme - Permits and Environmental Compliance Specialist
Pedro de León Rodriguez - Permits and Environmental Compliance Specialist
Maria T. Torres-Bregón - Environmental Compliance Manager
Angel G. López Guzmán - Deputy Director, Permits and Environmental Compliance Division
Ivelisse Lorenzo Torres - Permits and Environmental Compliance Specialist
Santa Ramírez Lebrón - Permits and Environmental Compliance Specialist
Janette I. Cambrelen - Permits and Environmental Compliance Specialist
Limary Vélez Marrero - Permits and Environmental Compliance Specialist
Mónica Machuca Rios - Permits and Environmental Compliance Specialist

Consultant (if applicable): Diatom Environmental Services, LLC

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

Project Location: The Las Nereidas Street improvement project extends approximately 940 linear meters from Las Nereidas Interior (18.444023, -66.114208) to Calle Santa Marta (18.44118, -66.12201), Cataño. Cadaster Number 720-033-008-88

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]**:** PR-CRP-000488, includes improvements and remodeling of the road system and planting activities within the Urban Center, Ave. Las Nereidas. These activities will include but are not limited to the demolition, construction and expansion/improvements of crosswalks to increase pedestrian safety; construction or improvement of sidewalks around the squares to provide a similar environment in their surroundings; rehabilitation of pedestrian accesses or other areas; cleaning of any other existing pedestrian or no pedestrian surfaces that will not be replaced or impacted using pressure washing and cleaning products. Installation of new fixed/permanent benches. Installation of fixed/permanent garbage stations. Provide bicycle parking stations. Rehabilitation, improvements, and construction of bus stops. The reconstruction and improvements to the signaling system of both plazas affected by hurricanes Irma and María were necessary for the safety and information of the user. Installation of new LED luminaires in all areas of the squares. Planting and pruning of trees and 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: $3,286,244.13

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: $3,641,836.83

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

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance Determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes ☐ No ☒	The nearest civil airport Fernando Ribas Dominici (SIG) is approximately 6,745 feet from the site. The nearest military airport LMM-SJU is 38,360 feet from the project site. Therefore, the project is in compliance with Airport Hazards requirements. See Attachment 1.2 for Map.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes ☐ No ☒	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 CBRS Unit, and it is in compliance with the Coastal Barriers Resources Act. See Attachment 10.3 for Map.
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes ☐ No ☒	The Project site is located in a 100-year floodplain per Floodplain Insurance Rate Map (FIRM) Zone AE, (panel 72000C0355J), effective date November 18, 2009. The project is not in a floodway and consists of repairs to existing infrastructure (including improvements) or reconstruction following the destruction caused by a disaster [24 Part 55.1 (c)(3)]. The project does not include a building; hence, flood insurance is not required. See Attachment 1.4 for Map.

STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes ☐ No ☒	The project 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. https://www.epa.gov/nepa/nepassist. 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. https://www3.epa.gov/airquality/greenbook/ancl.htm During construction, the contractor will implement controls for fugitive dust. This project complies with the Clean Air Act. See Attachment 1.5 for Map.
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes ☒ No ☐	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. https://www.drna.pr.gov/historico/oficinas/arn/recursosvivientes/costasreservasrefugios/pmzc/pmzc/pmzc2009/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.
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes ☒ No ☐	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. The project does not involve any occupied structures, as HUD's radon regulations (CPD 23-103) are only applicable to occupied buildings, these regulations are not applicable for this project. 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.
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes ☐ No ☒	The project does not meet the USFWS self-certification due to the proximity to wetlands. A memo (dated August 30, 2024) was prepared which concluded that the project has No Effect on the endangered Puerto Rican Boa, the threatened Antillean Manatee, and the threatened Roseate Tern 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. As the project does not involve any in-water construction, there is no effect on endangered species. See Attachment 1.8 for IPaC report and No Effect determination memo.
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes ☐ No ☒	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 (https://www.hudexchange.info/programs/environmental-review/asd-calculator/). Thus, the project is in compliance with explosive and flammable hazard requirements. See Attachment 1.9 for EER inspection report.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes ☐ No ☒	The project site does not include prime or unique farmland, or other farmland of statewide or local importance as identified by the U.S. Department of 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 "nonprime farmlands". The project complies with Farmland Protection Policy Act. https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm. See Attachment 1.10 for Map.
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes ☒ No ☐	The project is in Flood zone VE and the Coastal A zone according to FEMA's Advisory Base Flood Elevations (ABFE). The 8-step floodplain decision making process was performed for this project. The early floodplain notice was published on September 26, 2023, and the final floodplain notice was published on December 13, 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.
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes ☒ No ☐	Consultation was made with the Puerto Rico State Historic Preservation Office (SHPO) related to the proposed activities. Via letter dated on July, 21, 2023, SHPO concurred with the determination of No adverse effect 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; 36 CFR Part 800See Attachment 1.12 for the Section 106 Determination Letter.
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes ☐ No ☒	The project does not involve development of noise sensitive uses. Noise assessment is required only if the project is for new construction or rehabilitation for residential use. Thus, no noise assessment is required for this project and the project is in compliance with the Noise Control Act.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes ☐ No ☒	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: https://www.epa.gov/dwssa.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes ☐ No ☒	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.

Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes ☐ No ☒	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. The distance to the Wild Scenic Rivers is 124,391 feet. There would be no impact to Wild and Scenic Rivers and complies with Wild and Scenic rivers Act of 1968. See Attachment 10.15 for Map.
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes ☐ No ☒	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 staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

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. The 8-step process was carried out in accordance with 24CFR55.20
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, State permits will be obtained prior to the commencement of construction

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: **October 2, 2024**

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

Certifying Officer Signature: _____ Date: October 2, 2024

Name/Title: I. Lorenzo, Permits and Environmental Compliance Specialist

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

List of attachments

1.2	Airport Hazard
1.3	Coastal Barrier Resources Map
1.4	Flood Insurance Map
1.5	Clean Air Map
1.6	Coastal Zone Management Map
1.6A	PR Planning Board Federal Consistency Letter
1.7	Contamination and Toxic Substances
1.8	Endangered Species Maps and documents
1.9	Explosives and Flammable Hazards: ACM/LEAD
1.10	Farmland 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-000488



1.3 Coastal Barriers Resources PR-CRP-000488



June 15, 2023

CBRS Buffer Zone

System Unit

CBRS Units

Otherwise Protected Area

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.

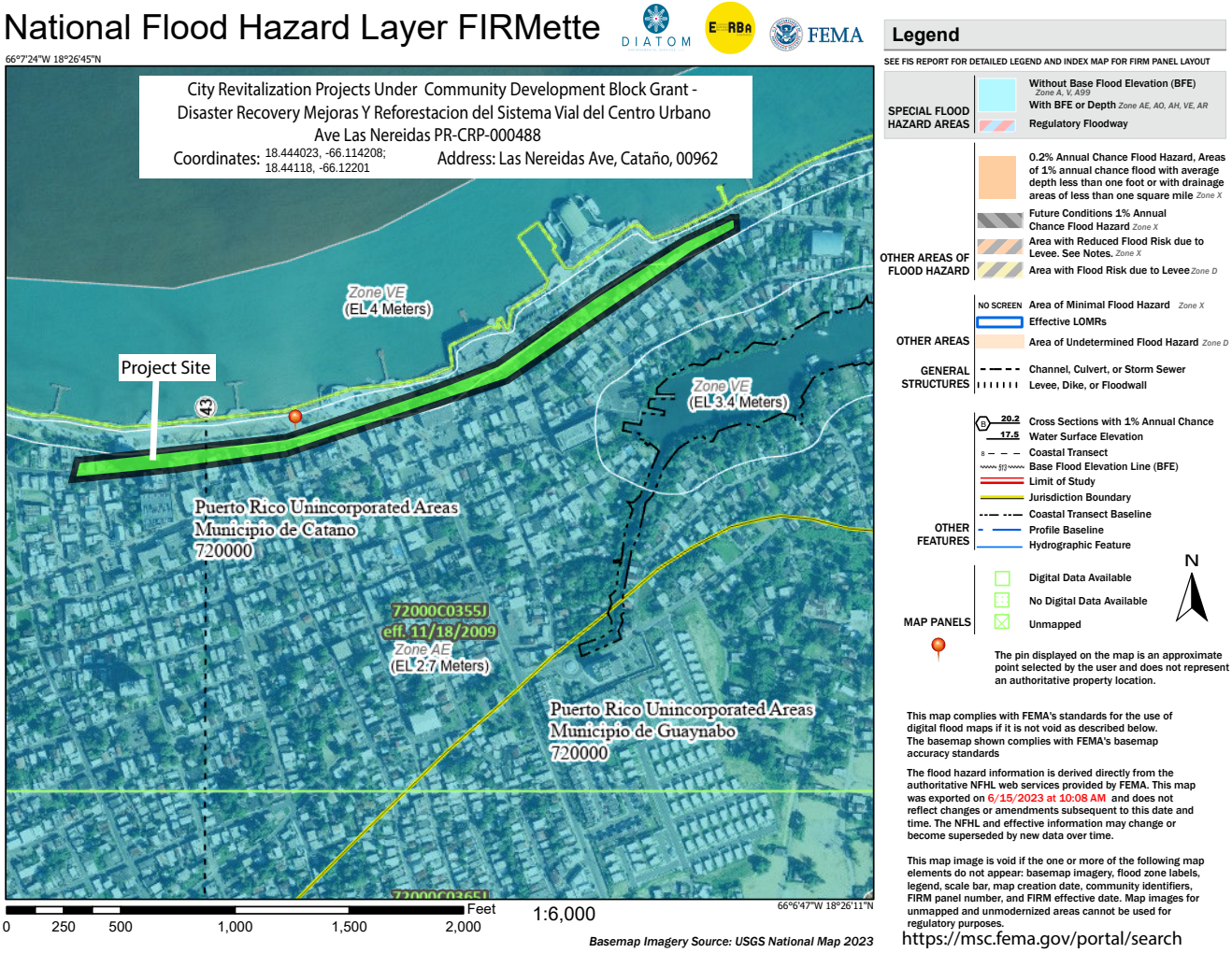
The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation) as to whether the property or project site is located "in"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

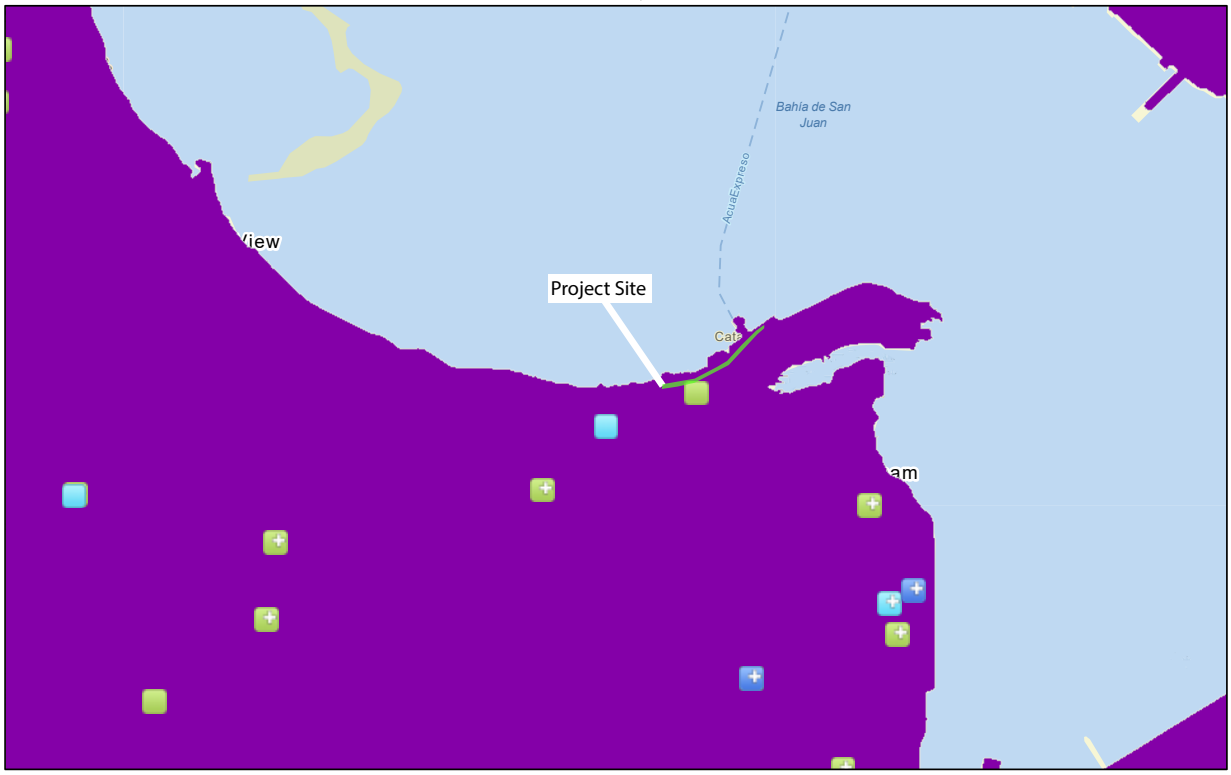
This page was produced by the CBRS Mapper

1.4 Flood Insurance PR-CRP-000488



1.5 Clean Air PR-CRP-000488

NEPAssist: City Revitalization Projects Under Community Development Block Grant - Disaster Recovery Mejoras Y Reforestacion del Sistema Vial del Centro Urbano
Ave Las Nereidas PR-CRP-000488 Coordinates: 18.444023, -66.114208; 18.44118, -66.12201 Address: Las Nereidas Ave, Cataño, 00962



June 16, 2023

Air Pollution (ICIS-AIR)
Toxic Releases (TRI)
Toxic Releases (TRI)
Hazardous Waste (RCRAInfo)
Hazardous Waste (RCRAInfo)
Project 1
SO2 1-hr (2010 standard)
Nonattainment

https://www.epa.gov/nepa/nepassist

N
1:18,056
0 0.13 0.25 0.5 mi
0 0.23 0.45 0.9 km

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

DIATOM



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

Data is current as of May 31, 2024

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

* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m^3) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:
PUERTO RICO GO

Important Notes

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

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

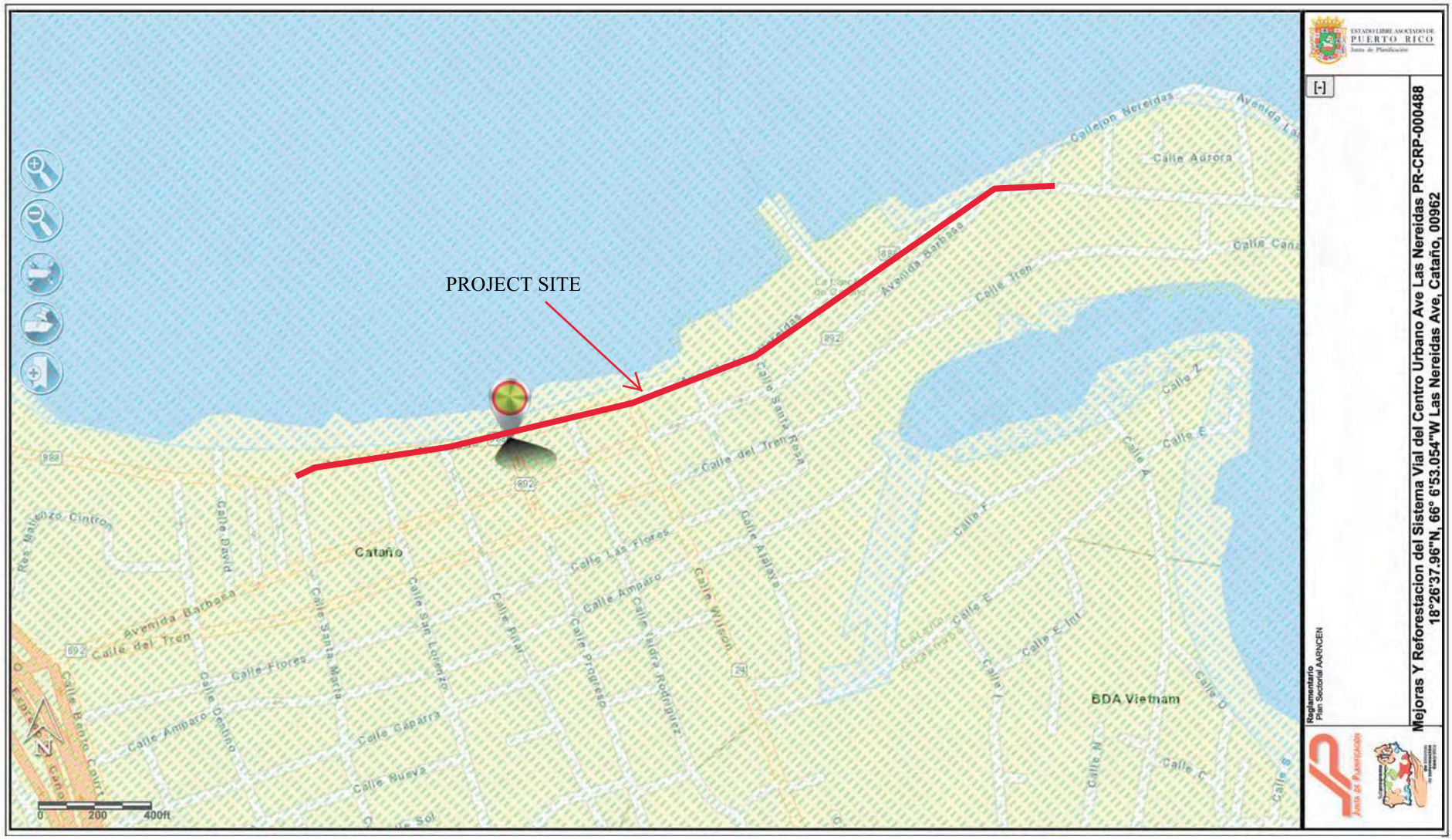
Important Notes

Discover. **Connect.** **Ask.**

1.6 Coastal Zone Management PR-CRP-000488



1.6 COASTAL ZONE MAP



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

Mejoras Y Reforestacion del Sistema Vial del Centro Urbano Ave Las Nereidas (PR-CRP-000488)
Coordinates: 18.444023, -66.114208; 18.44118, -66.12201
Address: Las Nereidas Ave, Cataño, 00962

LEGEND

COASTAL ZONE

GOVERNMENT OF PUERTO RICO
PUERTO RICO PLANNING BOARD

February 14, 2024

Federal Consistency Certification with the
Puerto Rico Coastal Zone Management Program
CZ-2024-0103-077
Federal Assistance with CDBG funds, City Revitalization Program (CRP)
Improvements and Reforestation of the Road System of the Urban Center,
Avenida Las Nereidas in Cataño, Puerto Rico
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 improvements and remodeling of the road system and planting activities within the Urban Center and Las Nereidas Avenue (PR-888) in Cataño. The proposed works include but are not limited to:

- Construction or improvements of crosswalks to increase pedestrian safety.
- Construction or improvements of sidewalks around the square to provide a similar environment in their surroundings.
- Rehabilitation of pedestrian accesses or other areas.
- Cleaning of any other pedestrian or non-pedestrian surfaces that will not be replaced or impacted using pressure washing and/or other cleaning products.
- Installation of fixed/permanent benches.
- Installation of fixed/permanent garbage stations.
- Provide bicycle parking stations.
- Rehabilitation, improvements, and/or construction of bus stops.
- Reconstruction and improvements to the signaling system and installation of new LED luminaires in all areas of the squares.
- Planting and pruning of trees and green areas.

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

1- The PR Permit Management Office (OGPe) in their answer to the Pre-Consultation Number 2023-478364-PCE-023988 concluded that the 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).

2- The proposed project is located within a "VE" Flood Risk Zone. Therefore, it must comply with the PR Planning Board Special Flood Hazard Areas Regulation (Planning Regulation No. 13).

GOBIERNO DE PUERTO RICO
JUNTA DE PLANIFICACIÓN

3- 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 2, 2023, according to the PR Environmental Policy Law (Law Number 416 of September 22, 2004).

4- The Puerto Rico Culture Institute in their letter of September 29, 2023, expressed that according to their evaluation of documents related to the proposed project, the probabilities of impacting archaeological resources are minimal.

5- 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 "Mejoras y Reforestación del Sistema Vial del Centro Urbano, Avenida Las Nereidas (PR-CRP-000488)" 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 16 2024

Edgardo Vázquez Rivera
Acting Secretary

GOBIERNO DE PUERTO RICO
JUNTA DE PLANIFICACIÓN

1.7 Contaminants and Toxic Substances



https://nepassisttool.epa.gov/nepassist/nepamap.aspx?wherestr=catano%2C+puerto+rico

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

Memorandum to File

Date: September 30, 2024

From: Javier Vélez Arrocho
Biologist
CDBG-DR Program
CRP Program
Puerto Rico Department of Housing

Application Number: PR-CRP-000488
Project: Mejoras y Reforestación del Sistema Vial del Centro Urbano

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-CRP-000488 under the CRP Program, administered by the Puerto Rico Department of Housing (**PRDOH**), to complete the property's contamination analysis in accordance with 24 C.F.R. § 50.3(i) and 24 C.F.R. § 58.5(i), we have determined that testing the property's radon levels is infeasible and impracticable.

Per the U.S. Department of Housing and Urban Development's (**HUD**) CPD Notice 23-103, the recommended best practices and alternative options for radon testing are infeasible and impracticable in this case due to the following reason:

- This project does not involve any occupied structures, and therefore, is Exempt from considering Radon as part of the site contamination analysis as per HUD Notice CDP-23-103.

As part of the evaluation for this determination, PRDOH sent information requests to six (6) local agencies at the state and federal levels. We received responses from the following agencies:

- United States Geological Survey;
- Centers for Disease Control and Prevention;
- Puerto Rico Department of Health; and
- United States Environmental Protection Agency.

The agencies mentioned above confirmed the lack of scientific data on Radon testing for Puerto Rico and the technical difficulties that we face to comply with HUD's Radon testing requirement. For the above-mentioned reasons, Radon testing is infeasible and impracticable for this property, and no further consideration of Radon is needed for the environmental review.

Asbestos Containing Building Materials Inspection Report

Project:

DBG-DR 000488
Mejoras y Reforestación del
Sistema Vial del Centro Urbano,
Ave. Las Nereidas,
Cataño, Puerto Rico

Client:
ERBA Arquitectos

ZEM-23044
March 2023

Prepared By:

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

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SECTION 1: EXECUTIVE SUMMARY

1.1 INTRODUCTION

An Asbestos Containing Building Materials (ACBM) inspection was conducted on March 6, 2023 at Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas, **DBG-DR 000488** project at Cataño, Puerto Rico. The asbestos containing building materials sampling was performed to identify material that contains asbestos fibers above allowable levels and to assist with the compliance of local, state and federal regulations.

1.2 SUMMARY OF PROPERTY EVALUATION

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

SECTION 2: ASBESTOS CONTAINING MATERIALS SURVEY REPORT

2.1 OVERVIEW OF THE EVALUATION

This asbestos containing materials (ACM) survey is an inspection to identify the location of any ACM that exist within. Throughout the inspection no asbestos containing materials were identified at the assessed areas.

The inspection 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 ACM and approved bulk sampling techniques. Some areas may not have been directly accessible due to the physical hazards encountered within. In these areas, assumptions based on findings in other areas were made whenever possible. These assumptions are duly noted as such in this report.

The inspection was performed 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 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 site beyond the date of the project evaluation.

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

2.3 ENVIRONMENTAL ASSESSMENT REPORT CERTIFICATION

Zimmetry Environmental Management Corp. has performed this asbestos containing building materials inspection in a thorough and professional manner consistent with commonly accepted industry standards. The inspection was conducted on March 6, 2023 by Melanie Bermudez, state-certified inspector ASB-0422-0131-SI, qualified by experience, education and training in the recognition of asbestos containing materials and approved sampling techniques.

Melanie Bermúdez Encarnación, BSc
Environmental Asbestos Inspector

SECTION 3: APPENDICES

Appendix A: Certifications, Licenses, and Accreditations

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

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Melanie Bermúdez Encarnación

Inspector

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

ASB-0422-0131-SI
Número de Registro

14-abr-2023
Fecha de vencimiento

Firma Autorizada - Departamento Recursos Naturales y Ambientales

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

GOBIERNO DE PUERTO RICO
OFICINA DEL GOBERNADOR
JUNTA DE CALIDAD AMBIENTAL

Área de Calidad de Agua

Forma PGC-009

CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PGC-_____
PARA USO OFICIAL

Yo, Melanie Bermúdez E. (Nombre), mayor de edad, soltera (Estado Civil), y vecino de Gurabo (Municipio)

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

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

Fax (787) 995 - 0005

Certifico que:

1. La estructura localizada en Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas, **DBG-DR 000488** at 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 (Municipio) de Puerto Rico, hoy día 31 de marzo de 2023

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

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

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

CERTIFICATION



TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Melanie Bermúdez Encarnación

Inspector

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

ASB-0422-0131-SI
Número de Registro

14-abr-2023
Fecha de vencimiento

Firma Autorizada - Departamento
Recursos Naturales y Ambientales

Lead Based Paint Inspection Report

Project:

DBG-DR 000488
Mejoras y Reforestación del
Sistema Vial del Centro Urbano,
Ave. Las Nereidas,
Cataño, Puerto Rico

Client:
ERBA Arquitectos

ZEM-23044
March 2023

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 March 6, 2023 at Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas, **DBG-DR 000488** project at 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 interior 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.

Table 1-1: Summary of Components Containing Lead

Area	Component	Color	Substrate	Approximate Amount
In Front of Head Start & Fondita Bendición	Ramp	Yellow	Concrete	10 Ln Ft
Traffic Island In Front of Casa Frida 1	Curb	Yellow	Concrete	440 Ln Ft
	Floor	Yellow	Concrete	120 Ft^2
Traffic Island In Front of Kiki's Bar	Curb	Yellow	Concrete	242 Ln Ft
	Floor	Yellow	Concrete	64 Ft^2
Traffic Island In Front of Henry's Pizza	Curb	Yellow	Concrete	360 Ln Ft
Traffic Island In Front of Don Tello Res.	Curb	Yellow	Concrete	42 Ln Ft
Traffic Island In Front of Don Rey & Casa Cataño	Curb	Yellow	Concrete	170 Ln Ft
	Floor	Yellow	Concrete	54 Ft^2
Traffic Island Terminal de Lanchas Parking Lot	Curb	Yellow	Concrete	170 Ln Ft
In Front of Centro Convenciones & Diana's Bar	Curb	Yellow	Concrete	186 Ln Ft
	Curb	Red	Concrete	42 Ln Ft
Traffic Island In Front of Centro Convenciones	Curb	Yellow	Concrete	116 Ln Ft
Traffic Island In Front of Miami Bar	Curb	Yellow	Concrete	134 Ln Ft
Traffic Island In Front of FamCoop	Curb	Yellow	Concrete	207 Ln Ft
Traffic Island In Front of Puente Rosado	Curb	Yellow	Concrete	364 Ln Ft
In Front of The Ocean Res.	Curb	Yellow	Concrete	52 Ln Ft
In Front of The Library	Fire Hydrant	Yellow	Metal	1 unit
In Front of Miami Bar	Curb	Yellow	Concrete	99 Ln Ft
In Front of Don Rey & Casa Cataño	Curb	Yellow	Concrete	70 Ln Ft
In Front of Don Tello Mexican Res.	Curb	Yellow	Concrete	92 Ln Ft
In Front of Terminal de Lanchas	Curb	Yellow	Concrete	87 Ln Ft

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.

Table 1-1: Summary of Components Containing Lead

Area	Component	Color	Substrate	Approximate Amount
In Front of Henry's Pizza	Curb	Yellow	Concrete	35 Ln Ft
In Front of El Bembé Bar	Curb	Yellow	Concrete	158 Ln Ft
In Front of Head Start & Fondita Bendición	Fire Hydrant	Red	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

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 408 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^2. Such surfaces could create dust-lead or soil-lead hazards if the paint is turned into dust by abrasion, scraping, or sanding. Should these or any lead containing components or surfaces be disturbed in any manner that generates dust, care should be taken to limit its spread.

Testing was performed by Onell González, state-certified lead inspector LBPI-33622-389, using the Niton XLp-300A XRF, SN-18574. The credentials are provided in Section 3, Appendix A: Certifications, Licenses, and Accreditations. The XRF analyzer is designed to measure the lead content of surface coatings on a variety of building surfaces, substrates, and components. The measurement is rapid and nondestructive and, according to the manufacturer, is capable of detecting lead concentrations that occur within numerous layers of various surface coatings.

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

2.2 SAMPLING PROCEDURE

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

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

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

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

To each functional space of the 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^2 for what Department of Natural and Environmental Resources (DRNA) of Puerto Rico identifies as lead-based paint or materials containing lead:

- Curbs
- Fire Hydrants
- Floors
- Ramps

2.3.2 HOMOGENEOUS AREAS WITH SPECIAL CONSIDERATIONS

NONE

2.3.3 INACCESSIBLE AREAS PRESUMED TO BE LEAD-BASED PAINTED

NONE

2.4 LEAD REGULATORY LEVELS

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

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

2.5 CONDITIONS AND LIMITATIONS—DISCLAIMER

Zimmetry Environmental Management Corp. has performed this lead-based paint inspection in a thorough and professional manner consistent with commonly accepted industry standards. The Preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this 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. According to the DRNA on the "Regulation for the Proper Management of Lead-Based Paint Activities" Rule 139 (Section E, Part 17) all lead-based paint reports have a validity period of five (5) years.

2.6 ABATEMENT CONDITIONS

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

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

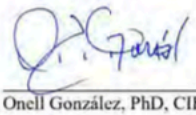
If enclosure or encapsulation is conducted as an abatement method, the lead-based paint remains on the property, so ongoing lead-based paint maintenance is required.

2.7 RECOMMENDATIONS

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

2.8 ENVIRONMENTAL ASSESSMENT REPORT CERTIFICATION

Zimmetry Environmental Management Corp. has performed this lead-based paint inspection in a thorough and professional manner consistent with commonly accepted industry standards. The inspection was conducted on March 6, 2023 by Onell González, state-certified lead inspector LBPI-33622-389, qualified by experience, education and training in the recognition of lead-based paint and approved sampling techniques using the Niton XLp-300A XRF, SN-18574.



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

SECTION 3: APPENDICES

Appendix A: Certifications, Licenses, and Accreditations

Appendix B: XRF Sampling Data

Appendix C: XRF's Performance Characteristics Sheet

Appendix D: Photographic Record

Appendix E: Location of Positive Materials

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS



GOBIERNO DE PUERTO RICO

Departamento de Recursos Naturales y Ambientales

Este certificado es otorgado a:

Zimmetry Environmental Management, Corp.

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

Número de Certificado

LBPF-04023-011

Fecha de emisión: Marzo 3, 2023

Fecha de Expiración: Marzo 2, 2024

DRNA

José Roque Julià
Jefe
División Desperdicios Tóxicos

APPENDIX A: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS


CERTIFICACIÓN PLOMO PUERTO RICO

Esta tarjeta autoriza a:

Onell González Martinez

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

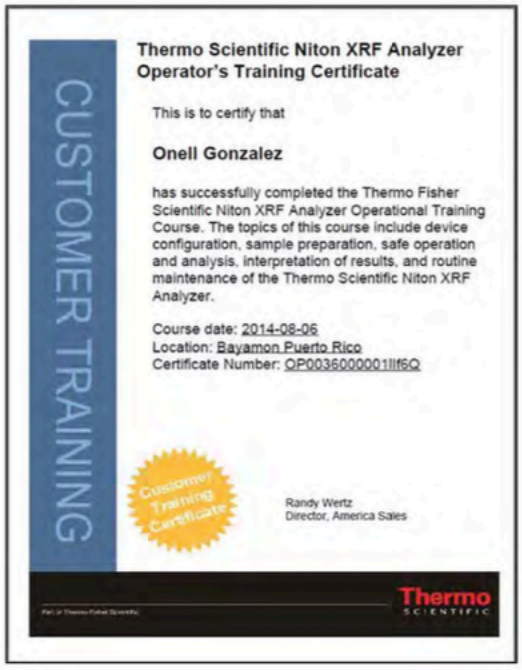
Disciplina: **Inspector**

Fecha de Expiración: Octubre 12, 2023

María V. Rodríguez

Certificación #:
LBPI-33622-389

Firma Autorizada
Departamento de Recursos Naturales y Ambientales


CUSTOMER TRAINING

Thermo Scientific Niton XRF Analyzer Operator's Training Certificate

This is to certify that

Onell Gonzalez

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

Course date: 2014-08-06
Location: Bayamon Puerto Rico
Certificate Number: OP0036000001llf6Q

Customer Training Certificate

Randy Wertz
Director, America Sales

Thermo SCIENTIFIC

APPENDIX B: XRF SAMPLING DATA

PROJECT:	DBG-DR 000488 project, Ave. Las Nereidas Cataño, Puerto Rico			CLIENT: ERBA Arquitectos			
DATE:	3/6/2023	East to West Side		LBP Inspector: Oneil González			
Sample ID.	Functional Space	Location	Color	Substr.	XRF Reading	Pos/Neg	Comments
1	Calibration				1.00		
2	Calibration				1.00		
3	Calibration				1.00		
4	[illegible]	Handicap Ramp	Blue	Concrete	0.00	Negative	
5	[illegible]	Curb	Yellow	Concrete	0.80	Negative	
6	[illegible]	Ramp	Yellow	Concrete	0.00	Negatve	
7	[illegible]	Floor	Light Blue	Concrete	0.00	Negative	
8	[illegible]	Floor	Red	Concrete	0.00	Negative	
9	[illegible]	Pole	Green	Metal	0.22	Negatve	
10	[illegible]	Pole	Green	Metal	0.05	Negative	
11	[illegible]	Pole Base	Green	Plastic	0.00	Negative	
12	[illegible]	Curb	White	Concrete	0.00	Negative	
13	[illegible]	Curb	White	Concrete	0.00	Negative	
14	[illegible]	Pole	Gray	Concrete	0.00	Negative	
15	[illegible]	Drain	Yellow	Metal	0.00	Negative	
16	[illegible]	Planter	White	Concrete	0.00	Negative	
17	[illegible]	Handicap Ramp	Blue	Concrete	0.00	Negative	
18	[illegible]	Ramp	Yellow	Concrete	2.20	Positive	
19	[illegible]	Ramp	Yellow	Concrete	1.80	Positive	
20	[illegible]	Floor	Red	Concrete	0.00	Negative	
21	[illegible]	Curb	White	Concrete	0.00	Negative	
22	[illegible]	Pole	Green	Metal	0.10	Negatve	
23	[illegible]	Pole Base	Green	Plastic	0.00	Negative	
24	[illegible]	Curb	Yellow	Concrete	4.00	Positive	
25	[illegible]	Curb	Yellow	Concrete	4.00	Positive	
26	[illegible]	Floor	Yellow	Concrete	2.90	Positive	
27	[illegible]	Floor	Yellow	Concrete	2.90	Positive	
28	[illegible]	Pole	Green	Metal	0.10	Negative	
29	[illegible]	Pole Base	Green	Plastic	0.00	Negative	
30	[illegible]	Bollard	Yellow	Metal	0.00	Negative	
31	[illegible]	Bollard	Yellow	Metal	0.00	Negative	
32	[illegible]	Bollard	Yellow	Metal	0.00	Negatve	
33	[illegible]	Bollard	Yellow	Metal	0.00	Negatve	
34	[illegible]	Curb	Yellow	Concrete	0.00	Negative	
35	[illegible]	Pole	Green	Metal	0.20	Negatve	
36	[illegible]	Pole Base	Green	Plastic	0.00	Negative	
37	[illegible]	Bollard	Yellow	Metal	0.00	Negative	
38	[illegible]	Bollard	Yellow	Metal	0.00	Negatve	
39	[illegible]	Pole	Yellow	Metal	0.00	Negative	
40	[illegible]	Curb	Yellow	Concrete	3.90	Positive	
41	[illegible]	Curb	Yellow	Concrete	0.50	Negative	
42	[illegible]	Curb	Yellow	Concrete	0.70	Negative	
43	[illegible]	Curb	Yellow	Concrete	2.50	Positive	
44	[illegible]	Floor	Yellow	Concrete	3.70	Positive	
45	[illegible]	Floor	Yellow	Concrete	1.20	Positive	
46	[illegible]	Floor	Yellow	Concrete	0.80	Negative	
47	[illegible]	Pole	Green	Metal	0.00	Negatve	
48	[illegible]	Pole Base	Green	Plastic	0.00	Negative	
49	[illegible]	Curb	Yellow	Concrete	0.00	Negative	
50	[illegible]	Sewer Grille	Yellow	Metal	0.00	Negative	
51	[illegible]	Sewer Grille	Yellow	Metal	0.00	Negative	
52	[illegible]	Sewer Grille	Yellow	Metal	0.00	Negatve	
53	[illegible]	Sewer Grille	Yellow	Concrete	0.00	Negative	
54	[illegible]	Sewer Grille	Yellow	Concrete	0.00	Negative	
55	[illegible]	Sewer Grille	Yellow	Concrete	0.00	Negative	
56	[illegible]	Pole	Yellow	Metal	0.00	Negative	
57	[illegible]	Pole	Green	Metal	0.00	Negative	
58	[illegible]	Pole Base	Green	Plastic	0.00	Negative	
59	[illegible]	Pavement Marking	White	Concrete	0.00	Negative	
60	[illegible]	Pavement Marking	White	Concrete	0.00	Negative	

PROJECT:	DBG-DR 000488 project, Ave. Las Nereidas Cataño, Puerto Rico			CLIENT: ERBA Arquitectos			
DATE:	3/6/2023	East to West Side		LBP Inspector: Onell González			
Sample ID	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
61		Floor	Red	Concrete	0.00	Negative	
62		Floor	Red	Concrete	0.00	Negative	
63		Curb	Yellow	Concrete	3.90	Positive	
64		Curb	Yellow	Concrete	4.30	Positive	
65		Curb	Yellow	Concrete	3.70	Positive	
66		Curb	Yellow	Concrete	0.30	Negative	
67		Curb	Yellow	Concrete	0.80	Negative	
68		Curb	Yellow	Concrete	0.70	Negative	
69		Curb	Yellow	Concrete	0.00	Negative	
70		Pole	Green	Metal	0.00	Negative	
71		Pole Base	Green	Plastic	0.00	Negative	
72		Pole Base	Yellow	Concrete	0.00	Negative	
73		Pole Base	Yellow	Concrete	0.00	Negative	
74		Pole Base	Yellow	Concrete	0.00	Negative	
75		Water Meter Lid	Yellow	Concrete	0.08	Negative	
76		Water Meter Lid	Yellow	Metal	0.08	Negative	
77		Curb	Yellow	Concrete	0.00	Negative	
78		Pole	Green	Metal	0.00	Negative	
79		Pole Base	Green	Concrete	0.00	Negative	
80		Pavement Marking	White	Concrete	0.00	Negative	
81		Pole	Yellow	Concrete	0.00	Negative	
82		Pavement Marking	Yellow	Concrete	0.00	Negative	
83		Curb	Yellow	Concrete	3.20	Positive	
84		Curb	Yellow	Concrete	3.00	Positive	
85		Curb	Yellow	Concrete	0.00	Negative	
86		Curb	Yellow	Concrete	0.20	Negative	
87		Sewer Grille Lid	Red	Metal	0.00	Negative	
88		Curb	Yellow	Concrete	0.00	Negative	
89		Curb	Yellow	Concrete	0.00	Negative	
90		Sewer Grille	Yellow	Metal	0.00	Negative	
91		Pole	Green	Concrete	0.00	Negative	
92		Pole Base	Green	Plastic	0.00	Negative	
93		Pole	Light Blue	Concrete	0.00	Negative	
94		Pole	Light Blue	Concrete	0.00	Negative	
95		Pole Base	Yellow	Concrete	0.00	Negative	
96		Curb	Yellow	Concrete	1.80	Positive	
97		Curb	Yellow	Concrete	3.60	Positive	
98		Pole	Green	Metal	0.00	Negative	
99		Pole Base	Green	Plastic	0.00	Negative	
100		Floor	Yellow	Concrete	1.80	Positive	
101		Water Meter Lid	Yellow	Concrete	0.00	Negative	
102		Water Meter Lid	Yellow	Metal	0.00	Negative	
103		Curb	Yellow	Concrete	0.00	Negative	
104		Handicap Ramp	Blue	Concrete	0.00	Negative	
105		Ramp	Yellow	Concrete	0.00	Negative	
106		Floor	Gray	Concrete	0.00	Negative	
107		Sewer Grille	Yellow	Metal	0.00	Negative	
108		Sewer Grille	Yellow	Metal	0.00	Negative	
109		Curb	Yellow	Concrete	4.30	Positive	
110		Curb	Yellow	Concrete	4.30	Positive	
111		Curb	Yellow	Concrete	1.80	Positive	
112		Curb	Yellow	Concrete	2.40	Positive	
113		Pole	Green	Metal	0.18	Negative	
114		Pole Base	Green	Plastic	0.00	Negative	
115		Floor	Blue	Concrete	0.00	Negative	
116		Floor	Blue	Concrete	0.00	Negative	
117		Curb	Yellow	Concrete	5.70	Positive	
118		Curb	Yellow	Concrete	3.00	Positive	
119		Curb	Yellow	Concrete	1.80	Positive	
120		Handicap Ramp	Blue	Concrete	0.00	Negative	

PROJECT:	DBG-DR 000488 project, Ave. Las Nereidas Cataño, Puerto Rico			CLIENT: ERBA Arquitectos			
DATE:	3/6/2023	East to West Side		LBP Inspector: Onell González			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
121		Ramp	Yellow	Concrete	0.00	Negative	
122		Pole	Green	Metal	0.00	Negative	
123		Pole	Blue	Metal	0.00	Negative	
124		Pole Base	Green	Plastic	0.00	Negative	
125		Curb	Red	Concrete	2.20	Positive	
126		Curb	Yellow	Concrete	3.40	Positive	
127		Curb	Yellow	Concrete	1.70	Positive	
128		Floor	Gray	Concrete	0.00	Negative	
129		Pole	Green	Metal	0.00	Negative	
130		Pole Base	Green	Plastic	0.00	Negative	
131		Floor	Light Blue	Concrete	0.00	Negative	
132		Curb	Yellow	Concrete	0.00	Negative	
133		Curb	Yellow	Concrete	0.00	Negative	
134		Curb	Yellow	Concrete	3.20	Positive	
135		Curb	Yellow	Concrete	3.90	Positive	
136		Curb	Yellow	Concrete	2.00	Positive	
137		Handicap Ramp	Blue	Concrete	0.00	Negative	
138		Pole	Green	Metal	0.00	Negative	
139		Pole Base	Green	Plastic	0.00	Negative	
140		Curb	Yellow	Concrete	0.01	Negative	
141		Handicap Ramp	Blue	Concrete	0.00	Negative	
142		Ramp	Yellow	Concrete	0.00	Negative	
143		Floor	Gray	Concrete	0.00	Negative	
144		Pole	Gray	Concrete	0.00	Negative	
145		Curb	Gray	Concrete	0.00	Negative	
146		Pole	Black	Metal	0.11	Negative	
147		Pole Base	Black	Plastic	0.00	Negative	
148		Sewer Grille	Yellow	Metal	0.00	Negative	
149		Sewer Grille	Yellow	Concrete	0.01	Negative	
150		Curb	Yellow	Concrete	4.20	Positive	
151		Curb	Yellow	Concrete	0.00	Negative	
152		Curb	Yellow	Concrete	0.00	Negative	
153		Curb	Yellow	Concrete	2.50	Positive	
154		Floor	Gray	Concrete	0.00	Negative	
155		Water Meter Lid Base	Yellow	Concrete	0.00	Negative	
156		Water Meter Lid	Yellow	Metal	0.00	Negative	
157		Curb	Yellow	Concrete	4.20	Positive	
158		Curb	Yellow	Concrete	2.50	Positive	
159		Curb	Yellow	Concrete	6.20	Positive	
160		Handicap Ramp	Blue	Concrete	0.00	Negative	
161		Crosswalk	White	Concrete	0.00	Negative	
162		Sidewalk	Gray	Concrete	0.00	Negative	
163		Sidewalk	Gray	Concrete	0.00	Negative	
164		Sidewalk	Gray	Concrete	0.00	Negative	
165		Sewer Grille	Yellow	Metal	0.00	Negative	
166		Sewer Grille	Yellow	Concrete	0.00	Negative	
167		Curb	Gray	Concrete	0.00	Negative	
168		Curb	Gray	Concrete	0.00	Negative	
169		Curb	Gray	Concrete	0.00	Negative	
170		Curb	Gray	Concrete	0.00	Negative	
171		Curb	Yellow	Concrete	0.00	Negative	
172		Curb	Yellow	Concrete	0.02	Negative	
173		Curb	Yellow	Concrete	0.00	Negative	
174		Floor	Gray	Concrete	0.00	Negative	
175		Pole	Green	Metal	0.00	Negative	
176		Water Meter Lid Base	Yellow	Concrete	0.00	Negative	
177		Floor	Light Gray	Concrete	0.00	Negative	
178		Curb	Yellow	Concrete	0.00	Negative	
179		Curb	Yellow	Concrete	0.00	Negative	
180		Floor	Gray	Concrete	0.00	Negative	

PROJECT:	DBG-DR 000488 project, Ave. Las Nereidas Cataño, Puerto Rico			CLIENT: ERBA Arquitectos			
DATE:	3/6/2023	East to West Side		LBP Inspector: Onell González			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
181	Traffic Island In Front of Container Bay	Pole	Green	Metal	0.00	Negative	
182	Traffic Island In Front of Container Bay	Pole Base	Green	Plastic	0.00	Negative	
183	Traffic Island In Front of Container Bay	Floor	Yellow	Concrete	0.00	Negative	
184	In Front of Container Bay	Curb	Gray	Concrete	0.00	Negative	
185	In Front of Container Bay	Floor Line	White	Concrete	0.00	Negative	
186	In Front of Container Bay	Floor Line	White	Concrete	0.00	Negative	
187	In Front of Container Bay	Handicap Ramp	Blue	Concrete	0.00	Negative	
188	In Front of Container Bay	Pavement Marking	Yellow	Concrete	0.02	Negative	
189	In Front of Container Bay	Pavement Marking	Blue	Concrete	0.00	Negative	
190	In Front of Castilla Res.	Curb	Gray	Concrete	0.00	Negative	
191	In Front of Castilla Res.	Floor Line	White	Concrete	0.00	Negative	
192	In Front of Castilla Res.	Sewer Grille Base	Yellow	Concrete	0.00	Negative	
193	In Front of Castilla Res.	Handicap Ramp	Blue	Concrete	0.00	Negative	
194	In Front of Castilla Res.	Pole	Black	Metal	0.00	Negative	
195	In Front of Castilla Res.	Pole	Black	Metal	0.00	Negative	
196	In Front of Castilla Res.	Pole	Black	Metal	0.00	Negative	
197	In Front of Castilla Res.	Pole	Black	Metal	0.11	Negative	
198	In Front of Castilla Res.	Pole Base	Black	Plastic	0.00	Negative	
199	In Front of Castilla Res.	Pole Base	Black	Plastic	0.00	Negative	
200	In Front of Castilla Res.	Pole Base	Black	Plastic	0.00	Negative	
201	In Front of Castilla Res.	Pole	Gray	Concrete	0.00	Negative	
202	In Front of Castilla Res.	Sewer Grille	Yellow	Metal	0.00	Negative	
203	Traffic Island In Front of Castilla Res.	Curb	Yellow	Concrete	0.00	Negative	
204	Traffic Island In Front of Castilla Res.	Curb	Yellow	Concrete	0.00	Negative	
205	Traffic Island In Front of Castilla Res.	Curb	Yellow	Concrete	0.00	Negative	
206	Traffic Island In Front of Castilla Res.	Floor	Light Gray	Concrete	0.00	Negative	
207	Traffic Island In Front of Castilla Res.	Pole	Green	Metal	0.00	Negative	
208	Traffic Island In Front of Castilla Res.	Pole Base	Green	Plastic	0.00	Negative	
209	Traffic Island In Front of Castilla Res.	Pole	Yellow	Wood	0.00	Negative	
210	Traffic Island In Front of Castilla Res.	Floor	Gray	Concrete	0.01	Negative	
211	Traffic Island In Front of Castilla Res.	Pole	Light Blue	Metal	0.00	Negative	
212	In Front of The Library	Bollard	Gray	Concrete	0.00	Negative	
213	In Front of The Library	Bollard	Gray	Concrete	0.00	Negative	
214	In Front of The Library	Bollard	Gray	Concrete	0.00	Negative	
215	In Front of The Library	Bollard	White	Concrete	0.00	Negative	
216	In Front of The Library	Bollard	White	Concrete	0.00	Negative	
217	In Front of The Library	Bollard	White	Concrete	0.00	Negative	
218	Traffic Island In Front of Puente Rosado	Curb	Yellow	Concrete	5.90	Positive	
219	Traffic Island In Front of Puente Rosado	Curb	Yellow	Concrete	4.10	Positive	
220	Traffic Island In Front of Puente Rosado	Curb	Yellow	Concrete	0.00	Negative	
221	Traffic Island In Front of Puente Rosado	Curb	Yellow	Concrete	0.80	Negative	
222	Traffic Island In Front of Puente Rosado	Curb	Yellow	Concrete	2.30	Positive	
223	Traffic Island In Front of Puente Rosado	Pole	Light Blue	Metal	0.00	Negative	
224	Traffic Island In Front of Puente Rosado	Pole Base	Yellow	Concrete	0.00	Negative	
225	Traffic Island In Front of Puente Rosado	Floor	Gray	Concrete	0.00	Negative	
226	In Front of Puente Rosado	Curb	Gray	Concrete	0.00	Negative	
227	In Front of Puente Rosado	Handicap Ramp	Blue	Concrete	0.00	Negative	
228	In Front of Puente Rosado	Pole	Black	Metal	0.00	Negative	
229	In Front of Puente Rosado	Pole	Green	Metal	0.00	Negative	
230	In Front of Puente Rosado	Pole Base	Black	Plastic	0.00	Negative	
231	In Front of Puente Rosado	Pole Base	Green	Plastic	0.00	Negative	
232	In Front of Puente Rosado	Floor Lid	Gray	Metal	0.00	Negative	
233	In Front of Puente Rosado	Floor Lid	Yellow	Concrete	0.00	Negative	
234	In Front of Rebecca's Res.	Crosswalk	White	Concrete	0.00	Negative	
235	In Front of Rebecca's Res.	Sewer Grille	Yellow	Metal	0.00	Negative	
236	In Front of Rebecca's Res.	Sewer Grille	Yellow	Concrete	0.00	Negative	
237	In Front of Rebecca's Res.	Pole	Black	Metal	0.00	Negative	
238	In Front of Rebecca's Res.	Pole Base	Black	Plastic	0.00	Negative	
239	In Front of Rebecca's Res.	Handicap Ramp	Blue	Concrete	0.02	Negative	
240	Traffic Island In Front of Rebecca's Res.	Curb	Yellow	Concrete	0.00	Negative	

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Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
241	Traffic Island In Front of Rebecca's Res.	Floor	Gray	Concrete	0.00	Negative	
242	Traffic Island In Front of Rebecca's Res.	Pole	Gray	Metal	0.00	Negative	
243	Traffic Island In Front of Rebecca's Res.	Pole Base	Gray	Plastic	0.00	Negative	
244	In Front of Centro Gubernamental de Cataño	Bollard	Gray	Concrete	0.00	Negative	
245	In Front of Centro Gubernamental de Cataño	Bollard	White	Concrete	0.00	Negative	
246	In Front of Centro Gubernamental de Cataño	Pole	Green	Metal	0.00	Negative	
247	In Front of Centro Gubernamental de Cataño	Pole Base	Green	Plastic	0.00	Negative	
248	In Front of Centro Gubernamental de Cataño	Curb	Yellow	Concrete	0.00	Negative	
249	In Front of Centro Gubernamental de Cataño	Floor	Gray	Concrete	0.02	Negative	
250	In Front of The Ocean Res.	Bollard	Blue	Concrete	0.00	Negative	
251	In Front of The Ocean Res.	Sewer Grille	Green	Metal	0.00	Negative	
252	In Front of The Ocean Res.	Handicap Ramp	Blue	Concrete	0.02	Negative	
253	In Front of The Ocean Res.	Crosswalk	White	Concrete	0.00	Negative	

PROJECT:	DBG-DR 000488 project, Ave. Las Nereidas Cataño, Puerto Rico			CLIENT: ERBA Arquitectos			
DATE:	3/6/2023	West to East Side		LBP Inspector: Onell González			
Sample ID	Functional Space	Location	Color	Substr.	XRF Reading	Pos/Neg	Comments
254	[illegible]	Curb	Yellow	Concrete	2.90	Positive	
255	[illegible]	Curb	Yellow	Concrete	3.00	Positive	
256	[illegible]	Handicap Ramp	Blue	Concrete	0.00	Negative	
257	[illegible]	Ramp	Yellow	Concrete	0.00	Negative	
258	[illegible]	Curb	White	Concrete	0.00	Negative	
259	[illegible]	Bollard	White	Concrete	0.00	Negative	
260	[illegible]	Bollard	White	Concrete	0.00	Negative	
261	[illegible]	Bollard	White	Concrete	0.00	Negative	
262	[illegible]	Bollard	Gray	Concrete	0.00	Negative	
263	[illegible]	Bollard	Gray	Concrete	0.00	Negative	
264	[illegible]	Bollard	Gray	Concrete	0.00	Negative	
265	[illegible]	Bollard Base	Gray	Concrete	0.00	Negative	
266	[illegible]	Bollard Base	Gray	Concrete	0.00	Negative	
267	[illegible]	Bollard Base	Gray	Concrete	0.00	Negative	
268	[illegible]	Bollard Base	Gray	Concrete	0.00	Negative	
269	[illegible]	Sewer Grille	Yellow	Concrete	0.00	Negative	
270	[illegible]	Sewer Grille	Yellow	Metal	0.01	Negative	
271	[illegible]	Curb	White	Concrete	0.00	Negative	
272	[illegible]	Curb	White	Concrete	0.00	Negative	
273	[illegible]	Curb	Yellow	Concrete	0.00	Negative	
274	[illegible]	Curb	Yellow	Concrete	0.00	Negative	
275	[illegible]	Pole	Light Gray	Wood	0.00	Negative	
276	[illegible]	Electric Pole	Light Blue	Metal	0.00	Negative	
277	[illegible]	Electric Pole Base	Yellow	Concrete	0.00	Negative	
278	[illegible]	Sewer Grille	Yellow	Metal	0.01	Negative	
279	[illegible]	Sewer Grille	Yellow	Concrete	0.02	Negative	
280	[illegible]	Floor	Yellow	Concrete	0.01	Negative	
281	[illegible]	Handicap Ramp	Blue	Concrete	0.00	Negative	
282	[illegible]	Ramp	Yellow	Concrete	0.02	Negative	
283	[illegible]	Curb	Yellow	Concrete	0.00	Negative	
284	[illegible]	Curb	Yellow	Concrete	0.00	Negative	
285	[illegible]	Curb	Yellow	Concrete	0.00	Negative	
286	[illegible]	Sewer Grille	Yellow	Concrete	0.00	Negative	
287	[illegible]	Ramp	Yellow	Concrete	0.00	Negative	
288	[illegible]	Handicap Ramp	Blue	Concrete	0.02	Negative	
289	[illegible]	Pole	Gray	Concrete	0.00	Negative	
290	[illegible]	Floor	Yellow	Metal	0.00	Negative	
291	[illegible]	Pole	Green	Metal	0.00	Negative	
292	[illegible]	Pole Base	Green	Plastic	0.00	Negative	
293	[illegible]	Curb	Yellow	Concrete	0.00	Negative	
294	[illegible]	Ramp	Yellow	Concrete	0.00	Negative	
295	[illegible]	Handicap Ramp	Blue	Concrete	0.00	Negative	
296	[illegible]	Sewer Grille	Yellow	Concrete	0.00	Negative	
297	[illegible]	Sewer Grille	Yellow	Metal	0.00	Negative	
298	[illegible]	Pole	Green	Metal	0.00	Negative	
299	[illegible]	Pole Base	Green	Plastic	0.00	Negative	
300	[illegible]	Fire Hydrant	Yellow	Metal	2.60	Positive	
301	[illegible]	Floor	Gray	Concrete	0.00	Negative	
302	[illegible]	Planter	Yellow	Concrete	0.00	Negative	
303	[illegible]	Curb	Yellow	Concrete	0.00	Negative	
304	[illegible]	Pole	Green	Metal	0.00	Negative	
305	[illegible]	Pole Base	Green	Plastic	0.00	Negative	
306	[illegible]	Floor	Red	Concrete	0.01	Negative	
307	[illegible]	Floor Lid	Gray	Metal	0.00	Negative	
308	[illegible]	Ramp	Yellow	Concrete	0.02	Negative	
309	[illegible]	Handicap Ramp	Blue	Concrete	0.04	Negative	
310	[illegible]	Sewer Grille	Yellow	Concrete	0.00	Negative	
311	[illegible]	Sewer Grille	Yellow	Metal	0.00	Negative	
312	[illegible]				1.00		
313	[illegible]				1.00		

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DATE:	3/6/2023	West to East Side		LBP Inspector: Onell González			
Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
314	Calibration				1.00		
315	In Front of Container Bay	Floor	Red	Concrete	0.00	Negative	
316	In Front of Container Bay	Pole	Green	Metal	0.00	Negative	
317	In Front of Container Bay	Pole Base	Green	Plastic	0.00	Negative	
318	In Front of Container Bay	Curb	Yellow	Concrete	0.00	Negative	
319	In Front of Container Bay	Handicap Ramp	Blue	Concrete	0.02	Negative	
320	In Front of Container Bay	Ramp	Yellow	Concrete	0.00	Negative	
321	In Front of Container Bay	Sewer Grille	Yellow	Concrete	0.00	Negative	
322	In Front of Container Bay	Sewer Grille	Yellow	Metal	0.00	Negative	
323	In Front of Container Bay	Pole Base	Yellow	Metal	0.00	Negative	
324	In Front of Container Bay	Water Meter Lid	Yellow	Metal	0.00	Negative	
325	In Front of Container Bay	Floor	Light Gray	Concrete	0.00	Negative	
326	In Front of El Encuentro Res.	Ramp	Yellow	Concrete	0.00	Negative	
327	In Front of El Encuentro Res.	Handicap Ramp	Blue	Concrete	0.00	Negative	
328	In Front of El Encuentro Res.	Sewer Grille	Yellow	Metal	0.00	Negative	
329	In Front of El Encuentro Res.	Curb	Cream	Concrete	0.00	Negative	
330	In Front of Gulf Gas Station	Curb	Yellow	Concrete	0.00	Negative	
331	In Front of Gulf Gas Station	Lid	Yellow	Metal	0.00	Negative	
332	In Front of Gulf Gas Station	Pole	Green	Metal	0.10	Negative	
333	In Front of Gulf Gas Station	Pole Base	Green	Plastic	0.00	Negative	
334	In Front of FamCoop	Curb	Yellow	Concrete	0.00	Negative	
335	In Front of FamCoop	Ramp	Yellow	Concrete	0.00	Negative	
336	In Front of FamCoop	Handicap Ramp	Blue	Concrete	0.00	Negative	
337	In Front of FamCoop	Sewer Grille	Yellow	Metal	0.00	Negative	
338	In Front of FamCoop	Sewer Grille	Yellow	Concrete	0.00	Negative	
339	In Front of FamCoop	Floor	Red	Concrete	0.00	Negative	
340	In Front of FamCoop	Pole	Green	Metal	0.00	Negative	
341	In Front of FamCoop	Pole Base	Green	Plastic	0.00	Negative	
342	In Front of Miami Bar	Curb	Yellow	Concrete	0.00	Negative	
343	In Front of Miami Bar	Ramp	Yellow	Concrete	0.00	Negative	
344	In Front of Miami Bar	Handicap Ramp	Blue	Concrete	0.00	Negative	
345	In Front of Miami Bar	Pole	Green	Metal	0.00	Negative	
346	In Front of Miami Bar	Pole Base	Green	Plastic	0.00	Negative	
347	In Front of Miami Bar	Curb	Yellow	Concrete	1.40	Positive	
348	In Front of Miami Bar	Curb	Yellow	Concrete	2.10	Positive	
349	In Front of Centro Convenciones & Diana's Bar	Curb	Yellow	Concrete	0.00	Negative	
350	In Front of Centro Convenciones & Diana's Bar	Handicap Ramp	Blue	Concrete	0.00	Negative	
351	In Front of Centro Convenciones & Diana's Bar	Ramp	Yellow	Concrete	0.00	Negative	
352	In Front of Centro Convenciones & Diana's Bar	Pole	Green	Metal	0.10	Negative	
353	In Front of Centro Convenciones & Diana's Bar	Pole Base	Green	Plastic	0.00	Negative	
354	In Front of Terminal de Lanchas Parking Lot	Curb	Yellow	Concrete	0.00	Negative	
355	In Front of Terminal de Lanchas Parking Lot	Handicap Ramp	Blue	Concrete	0.00	Negative	
356	In Front of Terminal de Lanchas Parking Lot	Ramp	Yellow	Concrete	0.00	Negative	
357	In Front of Terminal de Lanchas Parking Lot	Pole	Green	Metal	0.00	Negative	
358	In Front of Terminal de Lanchas Parking Lot	Pole Base	Green	Plastic	0.00	Negative	
359	In Front of Don Rey & Casa Cataño	Curb	Yellow	Concrete	2.00	Positive	
360	In Front of Don Rey & Casa Cataño	Curb	Yellow	Concrete	3.10	Positive	
361	In Front of Don Rey & Casa Cataño	Curb	Yellow	Concrete	0.80	Negative	
362	In Front of Don Rey & Casa Cataño	Pole	Green	Metal	0.00	Negative	
363	In Front of Don Rey & Casa Cataño	Pole Base	Green	Plastic	0.00	Negative	
364	In Front of Don Tello Mexican Res.	Curb	Yellow	Concrete	3.10	Positive	
365	In Front of Don Tello Mexican Res.	Pole	Green	Metal	0.00	Negative	
366	In Front of Don Tello Mexican Res.	Pole Base	Green	Plastic	0.00	Negative	
367	In Front of Terminal de Lanchas	Curb	Yellow	Concrete	3.70	Positive	
368	In Front of Terminal de Lanchas	Pole	Green	Metal	0.00	Negative	
369	In Front of Terminal de Lanchas	Pole Base	Green	Plastic	0.00	Negative	
370	In Front of Terminal de Lanchas	Curb	Yellow	Concrete	3.10	Positive	
371	In Front of Terminal de Lanchas	Floor	Red	Concrete	0.00	Negative	
372	In Front of Henry's Pizza	Curb	Yellow	Concrete	2.10	Positive	
373	In Front of Henry's Pizza	Pole	Green	Metal	0.00	Negative	

PROJECT:	DBG-DR 000488 project, Ave. Las Nereidas Cataño, Puerto Rico			CLIENT: ERBA Arquitectos			
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Sample ID.	Functional Space	Location	Color	Subst.	XRF Reading	Pos/Neg	Comments
374	In Front of Henry's Pizza	Pole Base	Green	Plastic	0.00	Negative	
375	In Front of El Bombé Bar	Curb	Yellow	Concrete	2.10	Positive	
376	In Front of El Bombé Bar	Floor	Red	Concrete	0.00	Negative	
377	In Front of El Bombé Bar	Pole	Green	Metal	0.00	Negative	
378	In Front of El Bombé Bar	Pole Base	Green	Plastic	0.00	Negative	
379	In Front of El Bombé Bar	Curb	Blue	Concrete	0.02	Negative	
380	In Front of Kiki's Bar	Car Ramp	Yellow	Concrete	0.00	Negative	
381	In Front of Kiki's Bar	Car Ramp	Yellow	Concrete	0.00	Negative	
382	In Front of Kiki's Bar	Curb	Yellow	Concrete	0.00	Negative	
383	In Front of Kiki's Bar	Floor	Red	Concrete	0.00	Negative	
384	Traffic Island In Front of Casa Frida 2	Curb	Yellow	Concrete	0.00	Negative	
385	Traffic Island In Front of Casa Frida 2	Floor	Yellow	Concrete	0.00	Negative	
386	Traffic Island In Front of Casa Frida 2	Sewer Grille	Yellow	Metal	0.00	Negative	
387	In Front of Casa Frida	Curb	Yellow	Concrete	0.00	Negative	
388	In Front of Casa Frida	Handicap Ramp	Blue	Concrete	0.02	Negative	
389	In Front of Casa Frida	Ramp	Yellow	Concrete	0.00	Negative	
390	In Front of Casa Frida	Curb	White	Concrete	0.00	Negative	
391	In Front of Casa Frida	Car Ramp	Yellow	Concrete	0.00	Negative	
392	In Front of Casa Frida	Floor	Red	Concrete	0.01	Negative	
393	In Front of Casa Frida	Pole	Green	Metal	0.11	Negative	
394	In Front of Casa Frida	Pole Base	Green	Plastic	0.00	Negative	
395	In Front of Casa Frida	Car Ramp	Yellow	Concrete	0.00	Negative	
396	In Front of Casa Frida	Floor	Gray	Concrete	0.00	Negative	
397	In Front of Head Start & Fondita Bendición	Ramp	Yellow	Concrete	0.00	Negative	
398	In Front of Head Start & Fondita Bendición	Curb	Red	Concrete	0.00	Negative	
399	In Front of Head Start & Fondita Bendición	Pole	Green	Metal	0.10	Negative	
400	In Front of Head Start & Fondita Bendición	Pole Base	Green	Plastic	0.00	Negative	
401	In Front of Head Start & Fondita Bendición	Fire Hydrant	Red	Metal	2.10	Positive	
402	In Front of Head Start & Fondita Bendición	Floor	Red	Concrete	0.00	Negative	
403	In Front of Head Start & Fondita Bendición	Floor	Yellow	Concrete	0.00	Negative	
404	In Front of Head Start & Fondita Bendición	Curb	White	Concrete	0.00	Negative	
405	In Front of Head Start & Fondita Bendición	Curb	Yellow	Concrete	0.00	Negative	
406	Calibration				1.00		
407	Calibration				1.00		
408	Calibration				1.00		

APPENDIX C: XRF's PERFORMANCE CHARACTERISTICS SHEET

APPENDIX C: XRF's PERFORMANCE CHARACTERISTICS SHEET

Performance Characteristic Sheet

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

MANUFACTURER AND MODEL:

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

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

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

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

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

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

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

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

SUBSTRATE CORRECTION:

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

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

INCONCLUSIVE RANGE OR THRESHOLD:

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

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

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

OPERATING PARAMETERS:

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

SUBSTRATE CORRECTION VALUE COMPUTATION:

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

EVALUATING THE QUALITY OF XRF TESTING:

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

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

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

Compute the Retest Tolerance Limit by the following steps:

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

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

Square the average for each testing combination.

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

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

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

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

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

Compute the average of all ten original XRF results.

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

Find the absolute difference of the two averages.

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

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

TESTING TIMES:

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

Testing Times Using K+L Reading Mode (Seconds)

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

CLASSIFICATION RESULTS:

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

DOCUMENTATION:

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

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8311	**Date:** 3/6/2023	
Description: **In Front of Head Start & Fondita Bendición** Lead-based painted concrete Ramp.		

Photo No. 8312	**Date:** 3/6/2023	
Description: **Traffic Island in Front of Casa Frida 1** Lead-based painted concrete curb and floor.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

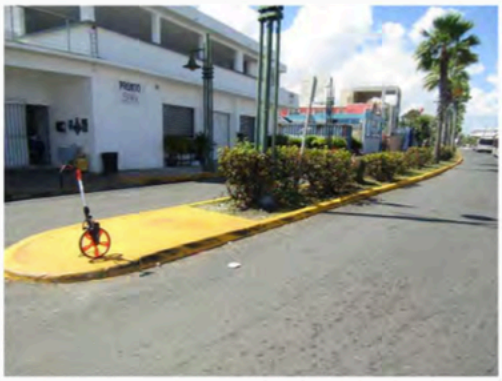
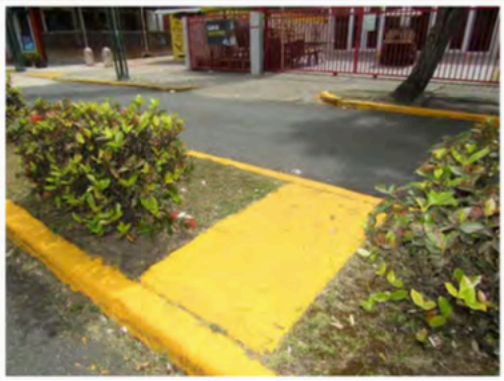
Photo No. 8314	**Date:** 3/6/2023	
Description: **Traffic Island in Front of Kiki's Bar** Lead-based painted concrete curb and floor.		

Photo No. 8316	**Date:** 3/6/2023	
Description: **Traffic Island in Front of Henry's Pizza** Lead-based painted concrete curb.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8317	**Date:** 3/6/2023	
Description: **Traffic Island in Front of Don Tello Res.** Lead-based painted concrete curb.		

Photo No. 8318	**Date:** 3/6/2023	
Description: **Traffic Island in Front of Don Rey & Casa Cataño** Lead-based painted concrete curb and floor.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

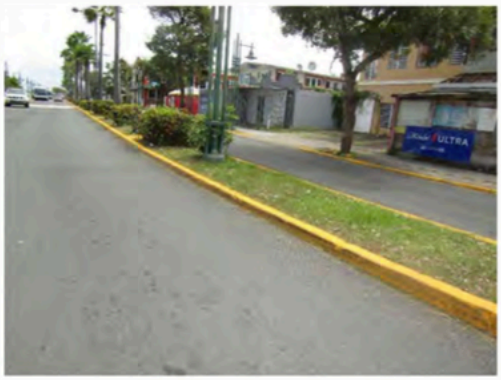
Photo No. 8319	**Date:** 3/6/2023	
Description: **Traffic Island in Front of Don Rey & Casa Cataño** Lead-based painted concrete curb and floor.		

Photo No. 8320	**Date:** 3/6/2023	
Description: **Traffic Island Terminal de Lanchas Parking Lot** Lead-based painted concrete curb.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

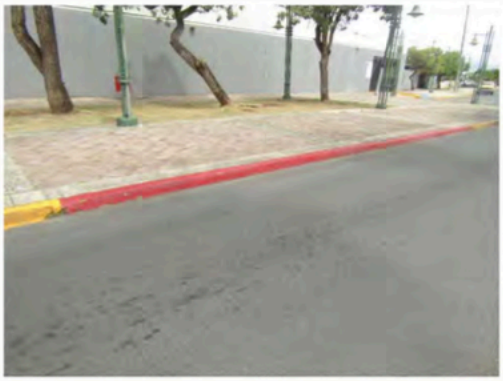
Photo No. 8321	**Date:** 3/6/2023	
Description: **In Front of Centro Convenciones & Diana's Bar** Lead-based painted concrete curb.		

Photo No. 8323	**Date:** 3/6/2023	
Description: **In Front of Centro Convenciones & Diana's Bar** Lead-based painted concrete curb.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8324	**Date:** 3/6/2023	
Description: **In Front of Centro Convenciones & Diana's Bar** Lead-based painted concrete curb.		

Photo No. 8322	**Date:** 3/6/2023	
Description: **Traffic Island in Front of Centro Convenciones** Lead-based painted concrete curb.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8325	**Date:** 3/6/2023	
Description: **Traffic Island in Front of Miami Bar** Lead-based painted concrete curb.		

Photo No. 8326	**Date:** 3/6/2023	
Description: **Traffic Island in Front of FamCoop** Lead-based painted concrete curb.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8329	**Date:** 3/6/2023	
Description: **Traffic Island in Front of Puente Rosado** Lead-based painted concrete curb.		

Photo No. 8330	**Date:** 3/6/2023	
Description: **In Front of The Ocean Res.** Lead-based painted concrete curb.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8331	**Date:** 3/6/2023	
Description: **In Front of The Library** Lead-based painted metal fire hydrant.		

Photo No. 8333	**Date:** 3/6/2023	
Description: **In Front of Miami Bar** Lead-based painted concrete curb.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8334	**Date:** 3/6/2023	
Description: **In Front of Don Rey & Casa Cataño** Lead-based painted concrete curb.		

Photo No. 8335	**Date:** 3/6/2023	
Description: **In Front of Don Tello Mexican Res.** Lead-based painted concrete curb.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

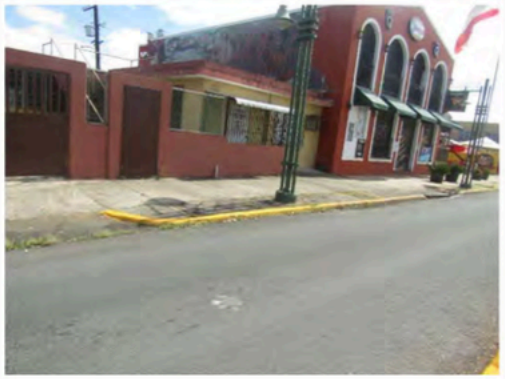
Photo No. 8336	**Date:** 3/6/2023	
Description: **In Front of Terminal de Lanchas** Lead-based painted concrete curb.		

Photo No. 8337	**Date:** 3/6/2023	
Description: **In Front of Terminal de Lanchas** Lead-based painted concrete curb.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8338	**Date:** 3/6/2023	
Description: **In Front of Henry's Pizza** Lead-based painted concrete curb.		

Photo No. 8339	**Date:** 3/6/2023	
Description: **In Front of El Bembé Bar** Lead-based painted concrete curb.		

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

APPENDIX D: PHOTOGRAPHIC RECORD

Photo No. 8340	**Date:** 3/6/2023	
Description: **In Front of Head Start & Fondita Bendición** 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.

APPENDIX E: LOCATION OF POSITIVE MATERIALS

Lead Legend:
1 Ramp
A
Zimm
Envira
4
1
2.3
2.1



A

Lead Legend:

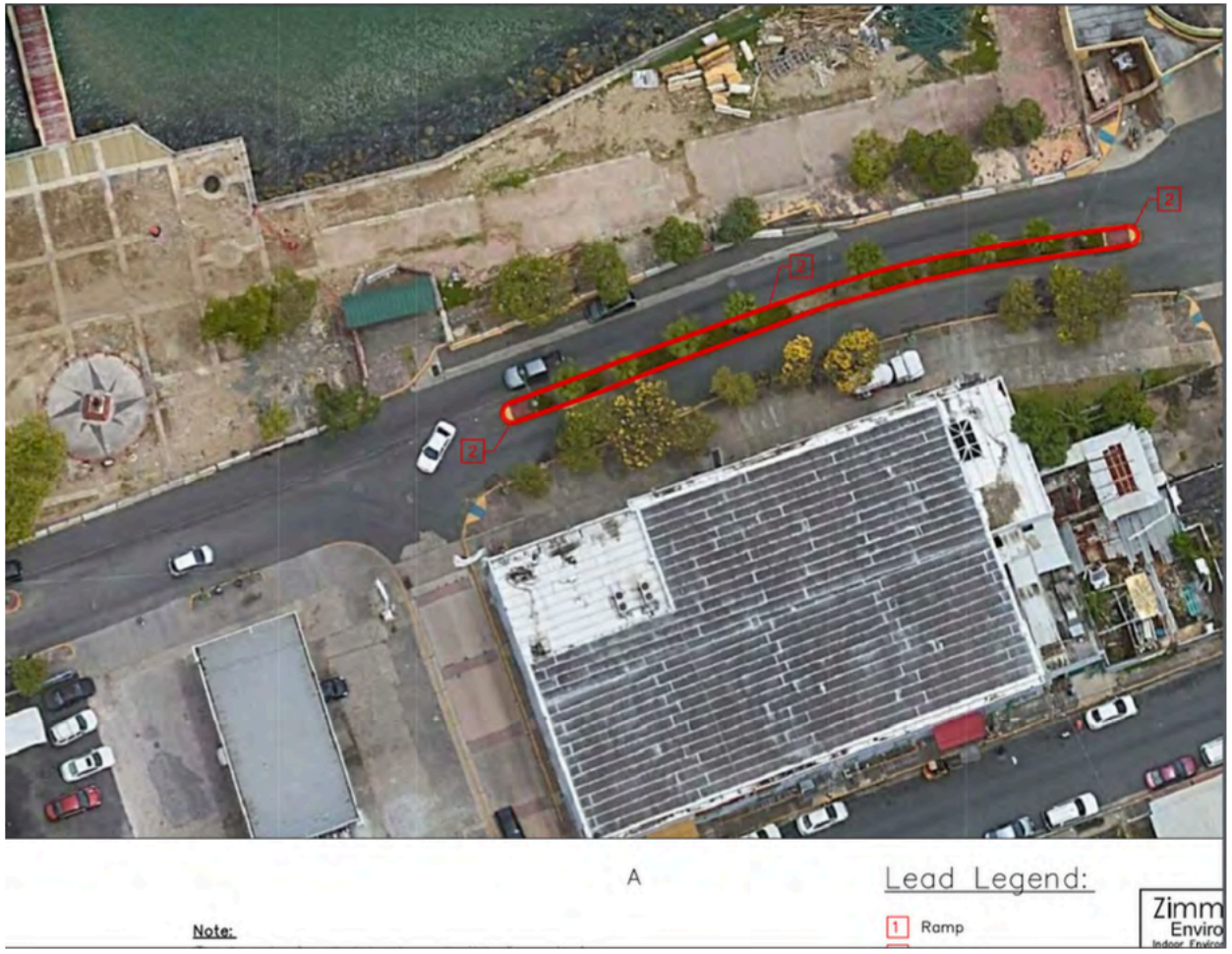
1 Ramp

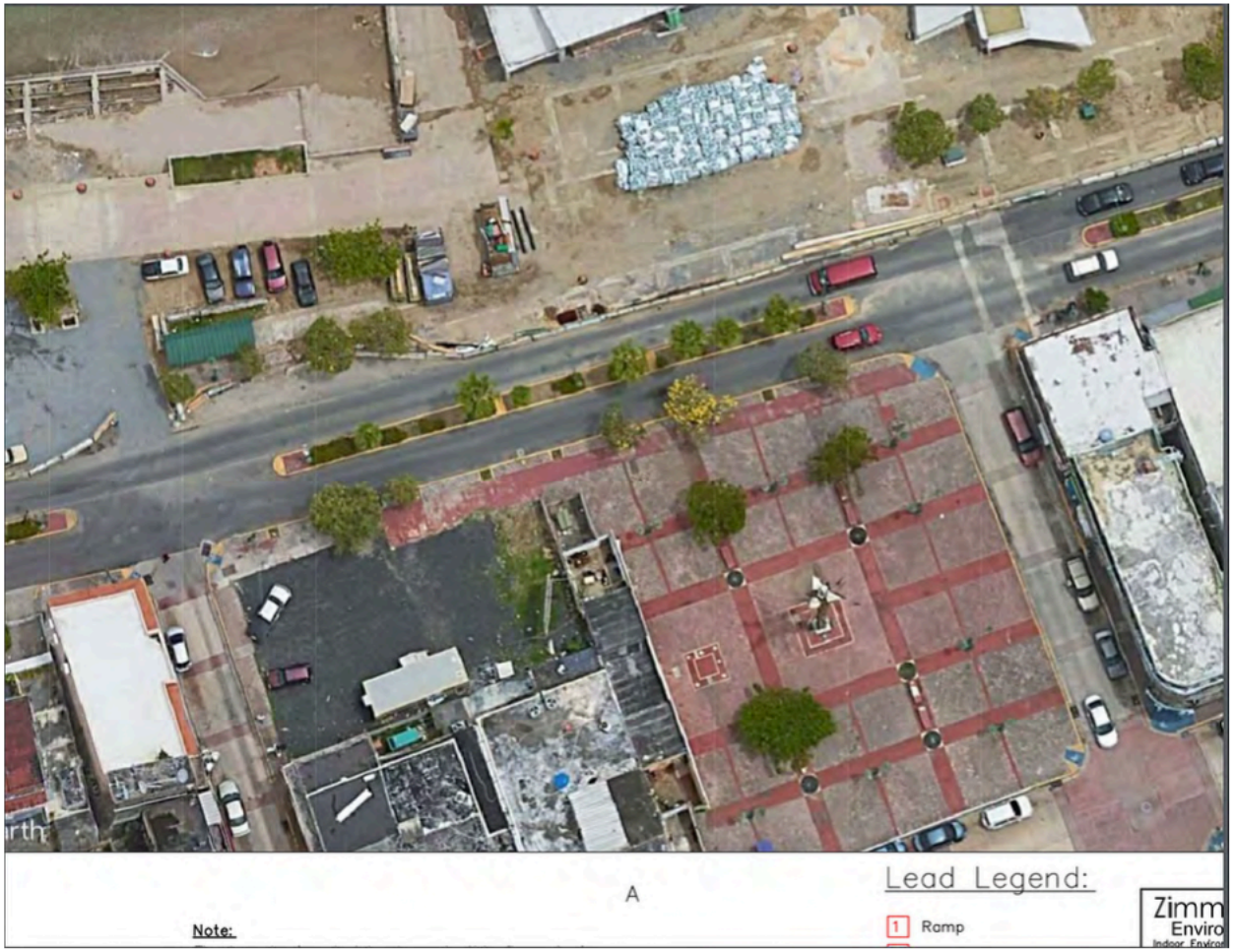
Note:

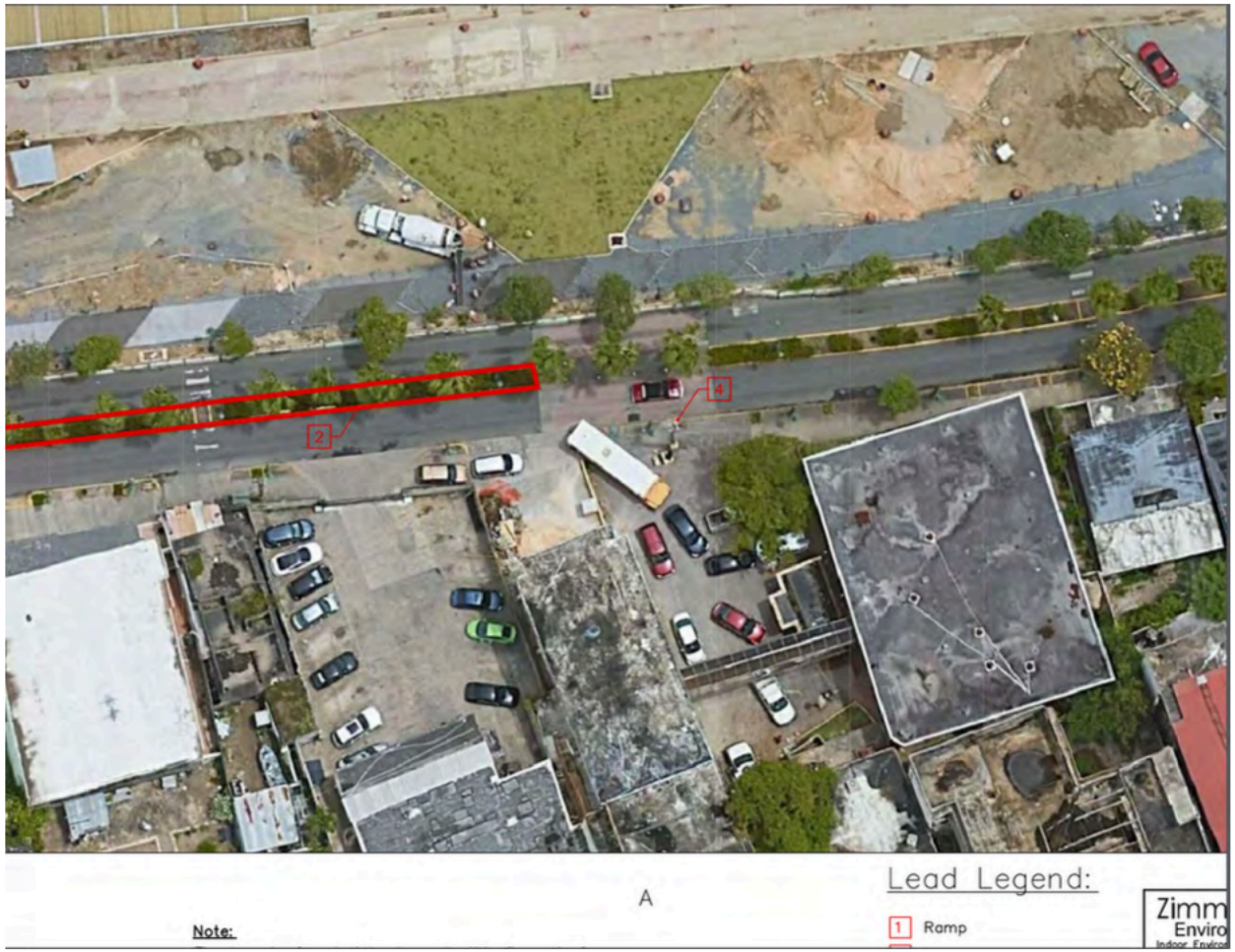
Zimm
Enviro

MEDALLA
Lead Legend:
1 Ramp
A
Note:
Zimm
Enviro


2
2
2
2
2
2
2
A
Lead Legend:
1 Ramp
Note:
Zimm
Enviro


2
2
2
A
Lead Legend:
1 Ramp
Note:
Zimm
Enviro


A
Lead Legend:
1 Ramp
Note:
Zimm
Enviro


2
4
A
Lead Legend:
1 Ramp
Note:
Zimm
Enviro


Lead Legend:
1 Ramp
A
Note:
2
Zimm
Enviro

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 MERCEDAS • BOX 428, CATANO, PR 00963	Cataño Municipio
RCRAInfo	RCRA	PRR000017554	MUNICIPIO DE CATANO	96 AVE LAS MERCEDAS - 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	PRR000017554	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	PRR000017554	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: PRR000017554)			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	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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	Offsite 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: 720330202002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	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	96	56	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	65	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	9,806/sq.mi.
Housing Units in Area	6,961

General Statistics (ACS (American Community Survey))	
Total Persons	12,456
Percent People of Color	99%
Households in Area	4,818
Households on Public Assistance	659
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	922 (19.17%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	1,656 (9%)
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	161 (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%)

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	--
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, (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	18.422533	-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

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	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	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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	Offsite Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total Onsite Releases	Total Offsite 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)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	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	37
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	65	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)		
Supplemental Indexes	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)	90	95	95	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/dfr-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	13,988
Percent People of Color	99%
Households in Area	5,033
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	-66.128566

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	1,681 (9%)
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	1,138 (12.04%)

Geography	
Land Area	67%
Water Area	33%
Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	2,614 (52.34%)
$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	3,584 (37.56%)
Some College/3-year	975 (10.38%)
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
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (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		1400015104	GUAYNABO MUNICIPALITY CITY HALL	CALLE DIAZ NAVARRO, GUAYNABO, PR 00970	Guaynabo Municipio
RCRAInfo	RCRA	PRM000820281	GUAYNABO MUNICIPALITY CITY HALL	CALLE DIAZ NAVARRO, GUAYNABO, PR 00970	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	PRM000820281	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: PRM000820281)		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	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency										

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlement/ 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	--
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	Offsite 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: 720610401021	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	9	10	9	9	8
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	93	96	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)		
Supplemental Indexes	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	99	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	6,855

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/0 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	10/24/2008
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	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

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

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

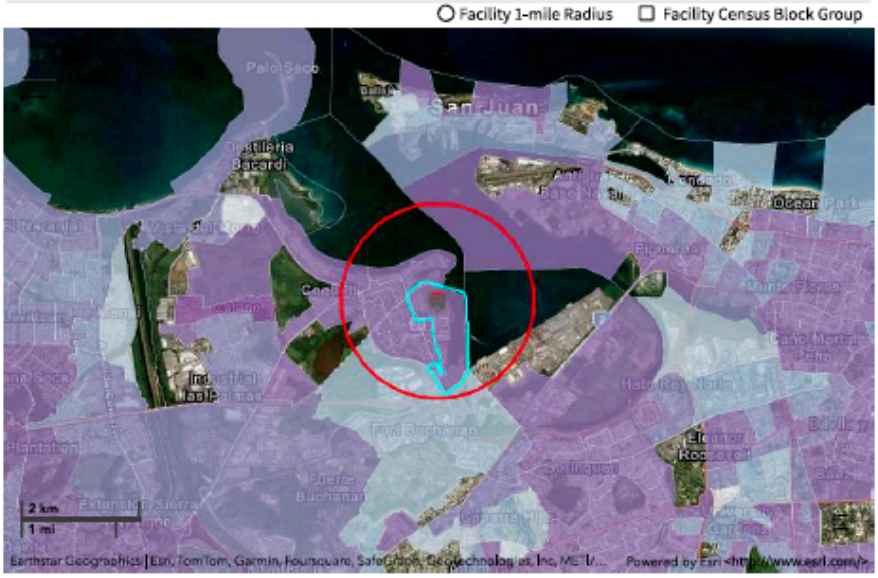
Census Block Group ID: 720610401011	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	9	9	10	7	5	8
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	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)		
Supplemental Indexes	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	89	85	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	5,857

General Statistics (ACS (American Community Survey))	
Total Persons	10,835
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	-66.112641

Age Breakdown (U.S. Census) • Persons (%)	
Children 5 years and younger	818 (8%)
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	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (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	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110031281789					N	18.44153	-66.11838
ICIS		1400001421					N	18.44153	-66.11838
RCRAInfo	RCRA	PRR000010017	YSQG	Active (-)			N	18.441528	-66.118279

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110031281789	AMIGO SUPERMARKET #3664	1556 AVE BARBOSA & CALLE WILSON, CATANO, PR 00962	Cataño Municipio
ICIS		1400001421	AMIGO SUPERMARKET #3664	1556 AVENIDA BARBOSA ESQ WILSON, CATANO, PR 00715	Cataño Municipio
RCRAInfo	RCRA	PRR000010017	AMIGO SUPERMARKET #3664	1556 AVENIDA BARBOSA ESQ WILSON, CATANO, PR 00715	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 SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000019027	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: PRR000019027)			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	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date

No data records returned

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

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlement(s)/ 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

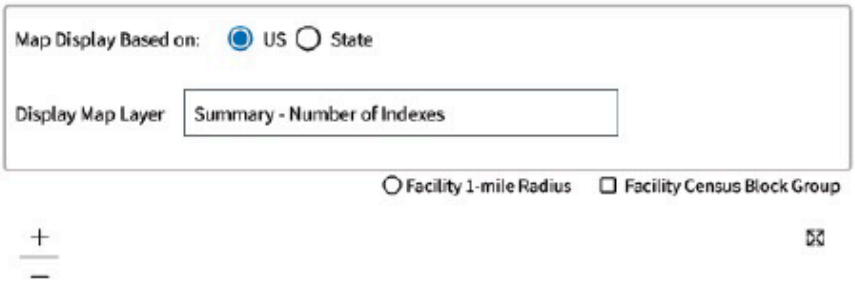
Index Type: Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 720330201002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	3	9	10	4	5	8
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	● 90	● 90	● 99	● 94	● 90	● 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 (USTs)	● 99	● 96	● 99	● 99	73	● 99
Wastewater Discharge	61	● 95	● 99	9	35	● 93



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	15,030
Population Density	11,202/sq.mi.
Housing Units in Area	6,636

General Statistics (ACS (American Community Survey))	
Total Persons	12,499
Percent People of Color	99%
Households in Area	4,770
Households on Public Assistance	662
Persons With Low Income	10,393
Percent With Low Income	83%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.441.55
Center Longitude	-66.118028
Land Area	47%
Water Area	53%

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	4,888 (20%)
Adults 18 years and older	11,513 (74%)
Seniors 65 years and older	2,251 (14%)

Race Breakdown (U.S. Census) - Persons (%)	
White	10,245 (66%)
African-American	2,788 (18%)
Hispanic Origin	15,459 (99%)
Asian/Pacific Islander	35 (0%)
American Indian	189 (1%)
Other/Multiracial	2,582 (17%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	1,828 (20.30%)
9th through 12th Grade	1,067 (11.88%)
High School Diploma	3,368 (37.5%)
Some College/1-year	942 (10.49%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,007 (11.77%)

1.8 Endangered Species

August 30, 2024

Applicant ID: PR-CRP-000488
Street Address: Las Nereidas Avenue
Municipality: Cataño

RE: No Effect Determination for PR-CRP-000488

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 the proposed project, Mejoras y Reforestación del Sistema Vial del Centro Urbano (PR-CRP-000488), with coordinates 18.44539460, -66.12869878. Las Nereidas Avenue, from Avenida Barbosa to Calle Destino, Cataño. Cadaster Number 720-033-008-88 was reviewed by a qualified biologist by Section 7 of the Endangered Species Act of 1973 (16 USC 1536) and the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 et seq.), resulting in a 'No Effect' determination.

The goal of the City Revitalization Program is to help shape and implement the future vision of communities affected by Hurricanes Irma and María. The program will support municipal governments and other eligible organizations in undertaking a variety of recovery activities aimed at reinvigorating downtown areas, urban centers, and critical community corridors.

Project Description

The property is an existing street built more than 40 years ago and includes improvements and remodeling of the road system and planting activities within the Urban Center, Ave. Las Nereidas. These activities will include but are not limited to the construction or improvements of crosswalks to increase pedestrian safety; construction or improvement of sidewalks around the squares to provide a similar environment in their surroundings; rehabilitation of pedestrian accesses or other areas, cleaning of any other existing pedestrian or no pedestrian surfaces that will not be replaced or impacted using pressure washing and cleaning products. Installation of new fixed/permanent benches. Installation of fixed/permanent garbage stations. Provide bicycle parking stations. Rehabilitation, improvements, and construction of bus stops. The reconstruction and enhancements to the signaling system of both plazas affected by hurricanes Irma and María were necessary for the safety and information of the user. Replacement of electrical poles and the Installation of new LED luminaires and lighting fixtures in all areas of the squares. Planting and pruning of trees and green areas. (See site map in Appendix A, Figure 1). The Field Observation Form depicting and clarifying the extent and location of project activities is included in Appendix B.

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 (*Chilabothrus inornatus*)	Endangered
Antillean Manatee *(Trichechus manatus)*	Threatened
Roseate Tern (*Sterna dougallii dougalli*)	Threatened

Critical Habitat
None for all species.

Existing Conditions:

The project area where activities will occur consists of approximately 10 acres of land located at Las Nereidas Avenue (18 26'30"N, -66 07'09" W). According to the U.S. Geological Survey National Land Cover Database (NLCD) (Appendix A, Figure 4), most of the project area comprises impervious manmade land, sidewalks, asphalt, and concrete infrastructure. According to historic imagery on Google Earth, the parcel 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 date 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 (*Chilabothrus inornatus*)	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 *(Trichechus manatus)*	No effect	If an Antillean Manatee is observed, the contractor shall contact the DNER's Rangers to obtain guidance.

Roseate Tern (*Sterna dougallii dougalli*)	No effect	If a Roseate Tern is observed, the contractor shall contact the FWS and DNER 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 and ask for them to relocate the Boa.

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.

Javier Vélez Arocho

Senior Biologist

August 30, 2024

Date

Appendix A



Figure 1 Aerial Map of the proposed action

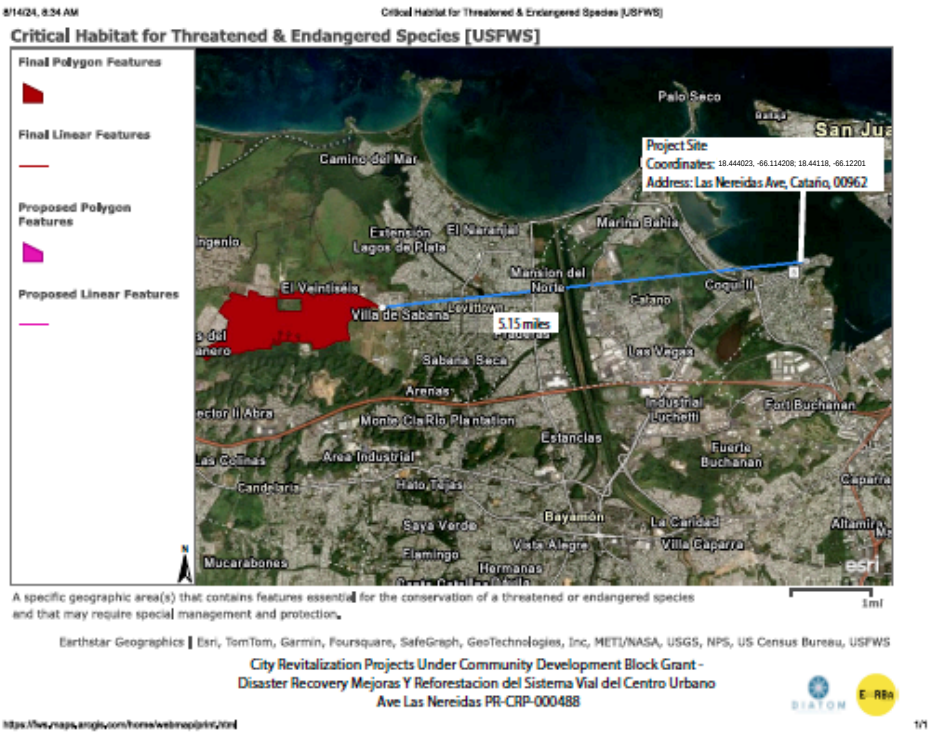


Figure 2 IPAC Map Critical Habitat

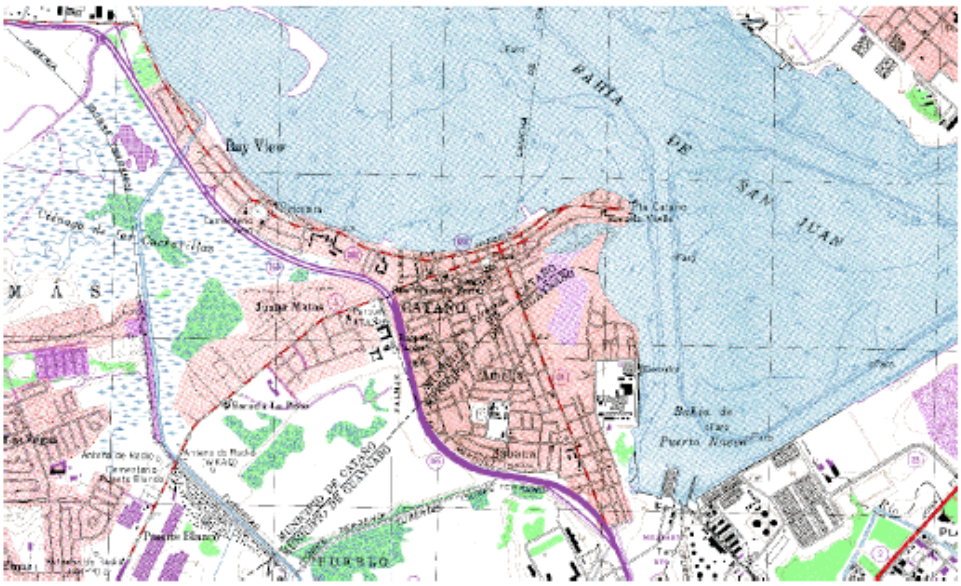


Figure 3 Topographic Map for the Cataño Area

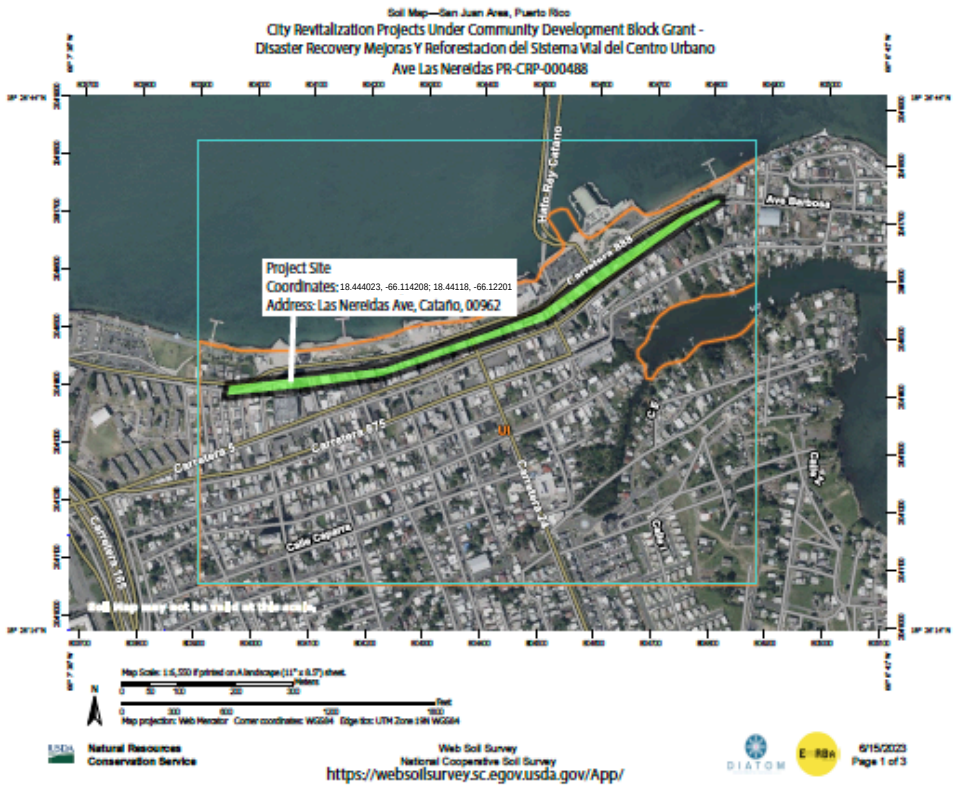


Figure 4 USGS Soil cover of the proposed site

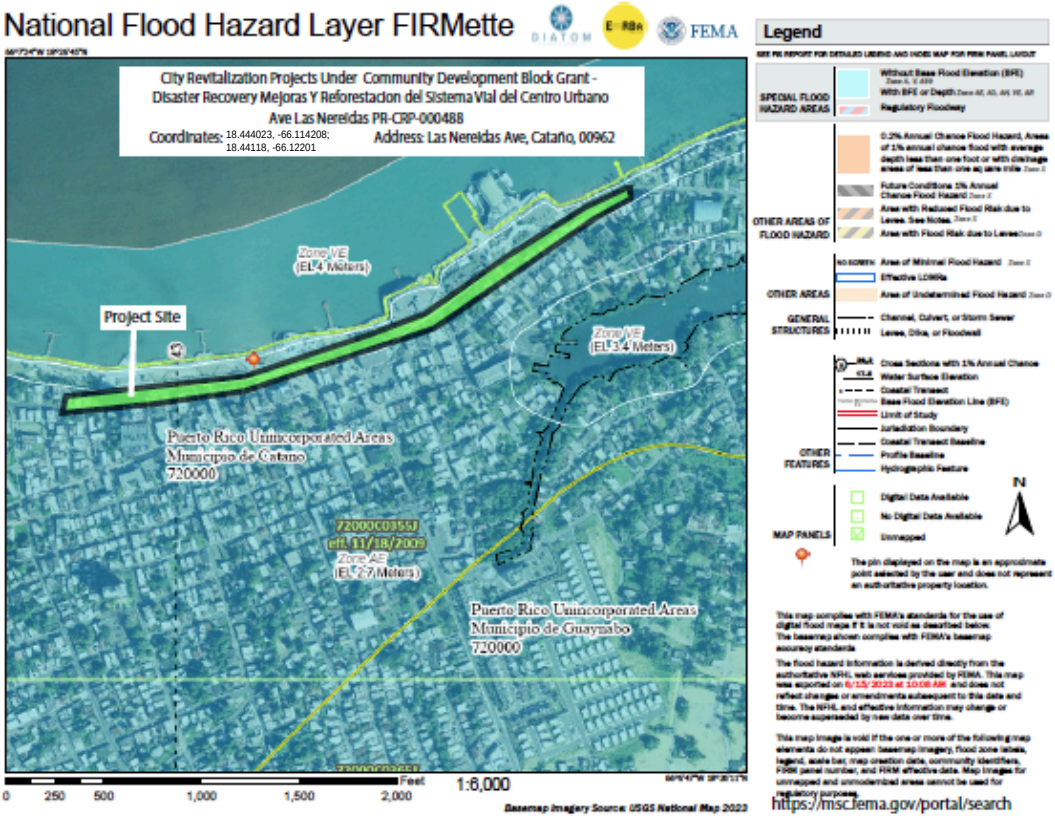


Figure 5 Copy of the Firmette for the Cataño Area

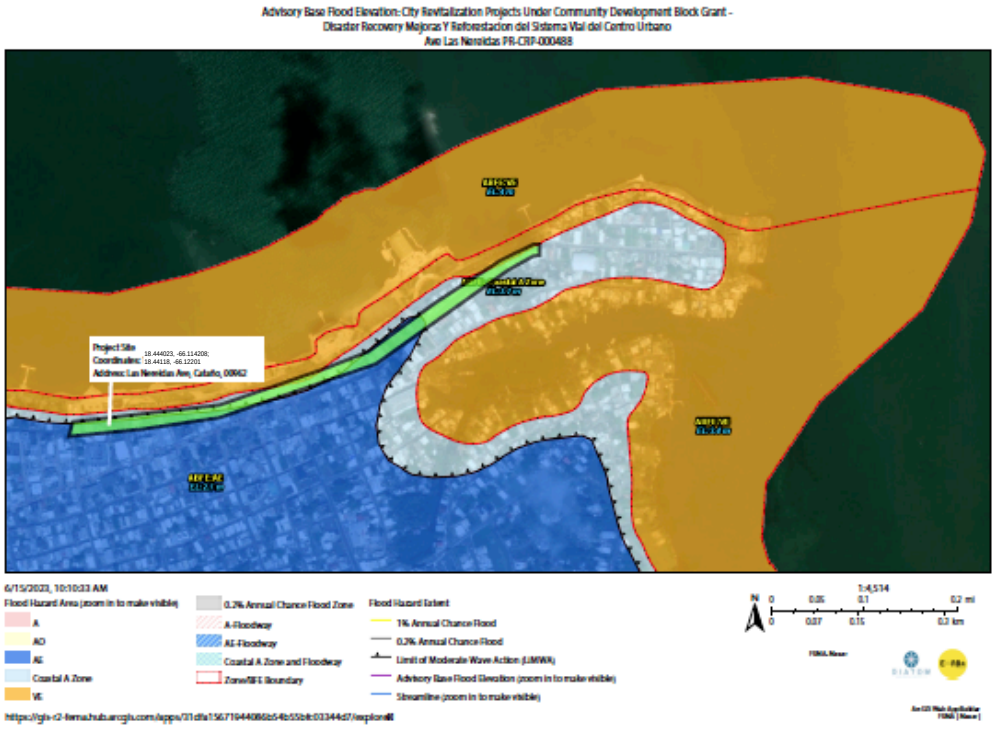


Figure 6 Copy of the ABFE for the Cataño Area

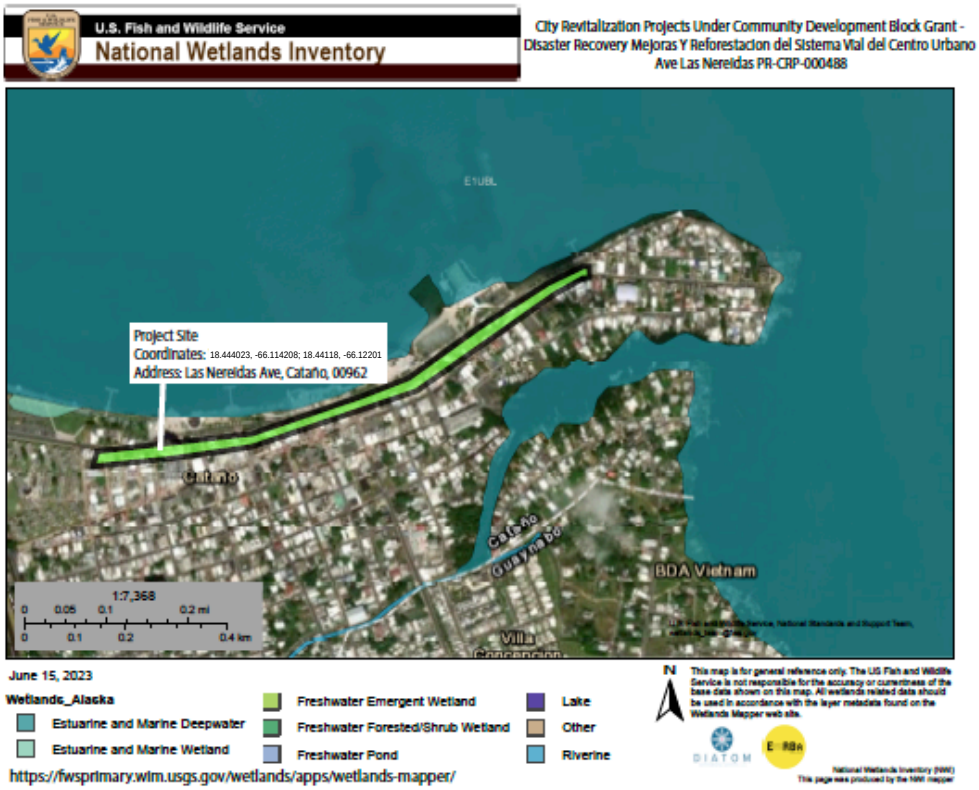


Figure 7 Copy of wetlands for the proposed site

United States Department of the Interior
FISH AND WILDLIFE SERVICE
Caribbean Ecological Services Field Office
Post Office Box 491
Boquerón, PR 00622-0491
Phone: (939) 320-3435 Fax: (787) 851-7440
Email Address: CARIBBEAN_ES@FWS.GOV

In Reply Refer To: 06/26/2024 14:53:22 UTC
Project code: 2023-0092058
Project Name: PR-CRP-000488 Las Nereidas Avenue

Subject: Consistency letter for the project named 'PR-CRP-000488 Las Nereidas Avenue' for specified threatened and endangered species, that may occur in your proposed project location, pursuant to the IPaC determination key titled Caribbean Determination Key (DKey).

Dear Applicant:

Thank you for using the assisted evaluation keys in IPaC. This letter is provided pursuant to the Service's authority under the Endangered Species Act of 1973, as amended (ESA) (87 Stat. 884; 16 U.S.C. 1531et seq.). On June 26, 2024, Javier Velez-Arocho used the Caribbean DKey, dated April 03, 2024, in the U.S. Fish and Wildlife Service's online IPaC application to evaluate potential impacts to federally listed species, from a project named 'PR-CRP-000488 Las Nereidas Avenue'. The project is located in Cataño County, Puerto Rico (shown below).

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@18.4418976,-66.1185916233557,14z



The following description was provided for the project 'PR-CRP-000488 Las Nereidas Avenue':

The proposed project, PR-CRP-000488, includes improvements and remodeling of the road system and planting activities within the Urban Center, Ave. Las Nereidas. These activities will include but are not limited to; Construction or improvements of crosswalks to increase pedestrian safety; construction or improvement of sidewalks around the squares to provide a similar environment in their surroundings; rehabilitation of pedestrian accesses or other areas; cleaning of any other existing pedestrian or non-pedestrian surfaces that will not be replaced or impacted using pressure washing and/or cleaning products. Installation of new fixed/permanent benches. Installation of fixed/permanent garbage stations. Provide bicycle parking stations. Rehabilitation, improvements, and/or construction of bus stops. The reconstruction and improvements to the signaling system of both plazas affected by hurricanes Irma and María were necessary for the safety and information of the user. Installation of new LED luminaires in all areas of the squares. Planting and pruning of trees and 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 (*Chilabothrus inornatus*)	Endangered	No effect

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

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

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

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

Natural Resources, Division of Fish and Wildlife (DFW) at 340-775-6762 for projects in the Virgin Islands. Otherwise, contact the Caribbean Ecological Services Field Office (caribbean_es@fws.gov) to determine whether the consultation needs to be reinitiated.

In addition to the species listed above, the following species and/or critical habitats may also occur in your project area and **are not** covered by this conclusion. Effects to the other federally listed species or critical habitat as listed below should be considered as part of your ESA review for the project.

- Roseate Tern *Sterna dougallii dougallii* Threatened
- 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.

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

1. Name

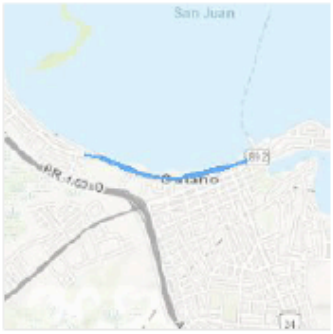
PR-CRP-000488 Las Nereidas Avenue

2. Description

The following description was provided for the project 'PR-CRP-000488 Las Nereidas Avenue':

> The proposed project, PR-CRP-000488, includes improvements and remodeling of the road system and planting activities within the Urban Center, Ave. Las Nereidas. These activities will include but are not limited to; Construction or improvements of crosswalks to increase pedestrian safety; construction or improvement of sidewalks around the squares to provide a similar environment in their surroundings; rehabilitation of pedestrian accesses or other areas; cleaning of any other existing pedestrian or non-pedestrian surfaces that will not be replaced or impacted using pressure washing and/or cleaning products. Installation of new fixed/permanent benches. Installation of fixed/permanent garbage stations. Provide bicycle parking stations. Rehabilitation, improvements, and/or construction of bus stops. The reconstruction and improvements to the signaling system of both plazas affected by hurricanes Irma and María were necessary for the safety and information of the user. Installation of new LED luminaires in all areas of the squares. Planting and pruning of trees and green areas.

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@18.4418976,-66.1185916233557,14z



QUALIFICATION INTERVIEW

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

   No

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

   Note: Urban and developed areas has one or more of the following characteristics: Presence of existing buildings, residential areas, and commercial establishments. Well-established infrastructure including roads, utilities, and urban facilities. High population density. Established neighborhoods and urban amenities ("urbanizaciones"). Developed landscape with paved surfaces, parking lots, and industrial areas. Signs of human activity and urbanization, such as shopping centers and recreational facilities. Location within the boundaries of a city or town ("casco urbano"). High concentration of built-up structures and limited open spaces. Aerial imagery might be requested to the applicant. .

   Yes

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

   Automatically answered
   Yes

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: 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

1.9 Explosive and Flammable Materials CRP-000488

Field Visit Checklist & Site Evaluation							
Project Name:	CRP-000488 Avenida Las Nereidas			Latitude:		18°26'30"N,	
First Name:	Arq. Eugenio	Last Name:	Ramírez-Ballaga	Longitude:		66°07'09 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		

EXISTING ENVIRONMENTAL CONDITIONS ON & AROUND SITE

Levee/Flood Control Structures (Levees, T-walls, pumping stations, etc.)

	Site Specific	Area
Observations	There are no flood control structures on site	>4,000 ft from site

Toxic Chemicals & Radioactive Materials

Petroleum or Chemical Storage

	Site Specific	Area
Is there any evidence or indication of an underground storage tank (UST) may be located on site?	No	Yes, more than 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

Polychlorinated Biphenyls (PCB):

	Site Specific	Area
Is there any evidence or indication of leaking electrical equipment (transformer - ground or pole mounted, capacitor, or hydraulic equipment) present on site?	No	No

Hazardous Operations

	Site Specific	Area
Is there any evidence of manufacturing operations utilizing or producing hazardous substances at or in close proximity to the site?	No	Yes, more than 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

Notes/Observations:

The Surroundings of Las Nereidas Avenue 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.

Photograph 1



Photograph 2



Photograph 3



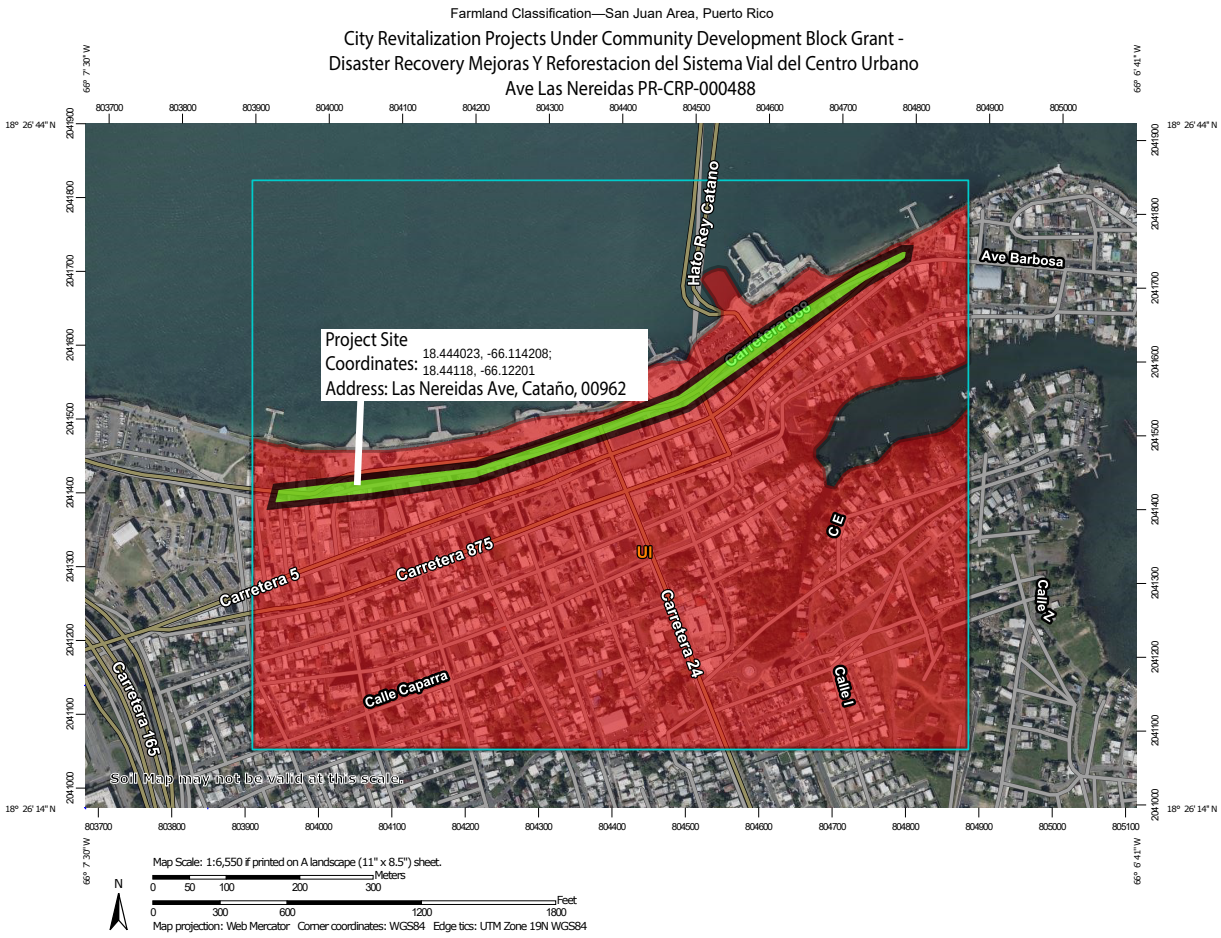
Photograph 4

Photograph 5



Photograph 6

1.10 Farmlands Protection PR-CRP-000488



MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

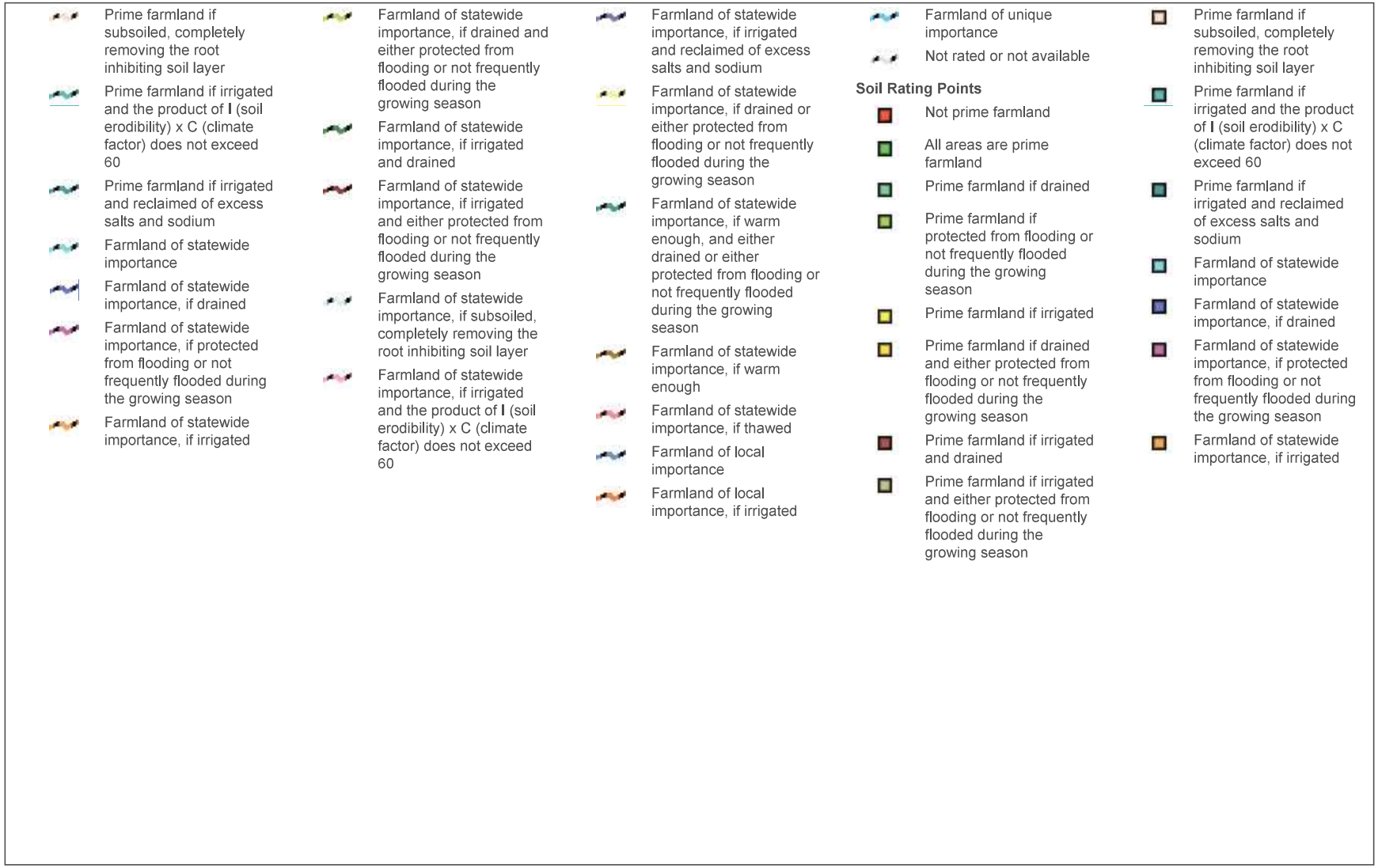
Soils

Soil Rating Polygons

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

Soil Rating Lines

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


Prime farmland if subsoiled, completely removing the root inhibiting soil layer
Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Prime farmland if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated
Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated and drained
Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough
Farmland of statewide importance, if thawed
Farmland of local importance
Farmland of local importance, if irrigated
Farmland of unique importance
Not rated or not available
Soil Rating Points
Not prime farmland
All areas are prime farmland
Prime farmland if drained
Prime farmland if protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated
Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated and drained
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Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated

- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
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- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Juan Area, Puerto Rico
Survey Area Data: Version 16, Sep 12, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
UI	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-000488

Advisory Base Flood Elevation: City Revitalization Projects Under Community Development Block Grant - Disaster Recovery Mejoras Y Reforestacion del Sistema Vial del Centro Urbano Ave Las Nereidas PR-CRP-000488



6/15/2023, 10:10:33 AM

Flood Hazard Area (zoom in to make visible)
- A
- AO
- AE
- Coastal A Zone
- VE
- 0.2% Annual Chance Flood Zone
- A-Floodway
- AE-Floodway
- Coastal A Zone and Floodway
- Zone/BFE Boundary

Flood Hazard Extent
- 1% Annual Chance Flood
- 0.2% Annual Chance Flood
- Limit of Moderate Wave Action (LiMWA)
- Advisory Base Flood Elevation (zoom in to make visible)
- Streamline (zoom in to make visible)

1:4,514

N 0 0.05 0.1 0.2 mi
0 0.07 0.15 0.3 km

FEMA, Maxar

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

ArcGIS Web AppBuilder
FEMA | Maxar |

PUERTO RICO DEPARTMENT OF HOUSING
CITY REVITALIZATION PROGRAM PROJECT PR-CRP-000488
AVENIDA LAS NEREIDAS IMPROVEMENT PROJECT
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 and remodeling of the road system and planting activities within the Municipality of Catano Urban Center, at Las Nereidas Avenue. These activities will include but are not limited to;

- Construction or improvements of crosswalks to increase pedestrian safety;
- Construction or improvement of sidewalks around the squares to provide a similar environment in their surroundings;
- Rehabilitation of pedestrian accesses or other areas;
- Cleaning of any other existing pedestrian or non-pedestrian surfaces that will not be replaced or impacted using pressure washing and/or cleaning products;
- Installation of new fixed/permanent benches;
- Installation of fixed/permanent garbage stations;
- Provision of bicycle stands;
- Rehabilitation, improvements, and/or construction of bus stops;
- Installation of new LED luminaires in all areas of the squares; and
- Planting and pruning of trees and green areas.

The project location coordinates are 18°26'30"N, 66°07'09"W. The length of the Las Nereidas Avenue Improvement Project is approximately 900 meters, from the intersection of Las Nereidas Avenue with Destino Street up to the intersection of Las Nereidas Ave and Barbosa Street. The site Cadaster Number is 720-033-008-88.

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 works 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 roadway appurtenant fixture. 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 María.

Based on the program goals, it was determined for Catano that this project, improvements to these public spaces, 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 on September 26, 2023, 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 an existing roadway's appurtenant fixtures. The project aims to provide improved pedestrian access and aesthetics 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. Were the improvement actions relocated outside of the 100-year floodplain, the residents in this immediate area would continue to struggle to reasonably access the Catano Urban Center, as it would require the proposed improvements to be completed elsewhere in the region. Additionally, should the action be undertaken in another location, the area in the vicinity of the location would continue to deteriorate, resulting in additional risk to pedestrians traversing the area.

Alternative 2
Alternative methods to serve the project objective of improving the existing roadway amenities within the existing boundary are limited. An alternative considered was changing the currently existing roadway to another land use that would be minimally impacted by flooding (i.e., development of a green lawn or park space). The length of the roadway could be converted to park space with similar pedestrian improvements to allow for ease of access to the region by the local population. However, the existing roadway is located adjacent to the Puerto Rican coastline in Catano and is a heavily trafficked roadway. Conversion of this roadway to greenspace would likely improve floodplain function within the immediate area but would likely provide nominal benefit to the greater region as a whole. Additionally, the closure of such an important and utilized traffic corridor would be incredibly disruptive to the local community as the roadway has been in place for a significant period of time. Therefore, the decision was made that the actions most consistent with project goals and master plan goals would be to improve the existing roadway amenities as proposed. Such an action will improve pedestrian access while also not disrupting local traffic patterns and vehicular access to the surrounding area.

Alternative 3
The alternative to not approve any action (a "no-action" alternative) would result in these areas remaining as an unimproved pedestrian and vehicular corridor. Not only would that leave these areas without improved pedestrian access to the area, but the area community would also not receive the aesthetic benefits the improved pedestrian features 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 an existing roadway already in place, impervious surfaces will not 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 components. 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 roadway amenities 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 pedestrian access to the Catano Urban Center 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 13, 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.

30 días contados a partir de la publicación por edicto de esta notificación, dirija a usted esta notificación que se considerará hecha en la fecha de la publicación de este edicto. Copia de esta notificación ha sido archivada en los autos de este caso, con fecha de 20 de SEPTIEMBRE de 2023 En CAROLINA , Puerto Rico, el 20 de SEPTIEMBRE de 2023 KANELLY ZAYAS ROBLES Nombre del (de la) Secretario(a) YIDA L FERNANDEZ RODRIGUEZ Nombre y Firma del (de la) Secretario(a) Auxiliar del Tribunal

LB-1813 ESTADO LIBRE ASOCIADO DE PUERTO RICO TRIBUNAL DE PRIMERA INSTANCIA CENTRO JUDICIAL DE PONCE SALA SUPERIOR DE PONCE SALÓN DE SESIONES SALON 405 - CIVIL SUPERIOR

FIRSTBANK PUERTO RICO
Demandante
v.

SUCESION DE JORGE ALMODÓVAR VÁZQUEZ Y OTROS
Demandado(a)

Caso Núm.: GU2023CV00058
Sobre: COBRO DE DINERO - ORDINARIO, EJECUCIÓN DE HIPOTECA, PROPIEDAD RESIDENCIAL MADELIN COLÓN PÉREZ MCOLON@COLONRAMAM.COM NOTIFICACIÓN DE SENTENCIA POR EDICTO (Nombre de las partes que se le notifican la sentencia por edicto) SUCESION DE JORGE ALMODOVAR VAZQUEZ COMPUESTA POR FULANO DE TAL, MENGANO DE A TAL, IRIS VIOLETA GOTAY (HIZARRY POR SI COMO MIEMBRO DE LA SUCESION EL SECRETARIO(A) que suscribe le notifica a usted que el 21 DE SEPTIEMBRE de 2023, este Tribunal ha dictado Sentencia, Sentencia Parcial o Resolución en este caso, que ha sido debidamente registrada y archivada en autos donde podrá usted enterarse detalladamente de los términos de la misma. Esta notificación se publicará una sola vez en un periódico de circulación general en la Isla de Puerto Rico, dentro de los 10 días siguientes a su notificación. Y, siendo o representando usted una parte en el procedimiento sujeta a los términos de la Sentencia, Sentencia Parcial o Resolución, de la cual puede establecerse recurso de revisión o apelación dentro del término de 30 días contados a partir de la publicación por edicto de esta notificación, dirija a usted esta notificación que se considerará hecha en la fecha de la publicación de este edicto. Copia de esta notificación ha sido archivada en los autos de este caso, con fecha de 22 de SEPTIEMBRE de 2023. En PONCE, Puerto Rico, el 22 de SEPTIEMBRE de 2023 CARMEN G. TIRU QUINONES Nombre del (de la) Secretario(a) MARELY FELIX RIVERA Nombre y Firma del (de la) Secretario(a) Auxiliar del Tribunal

LB-1814 ESTADO LIBRE ASOCIADO DE PUERTO RICO TRIBUNAL DE PRIMERA INSTANCIA SALA DE PONCE

FIRSTBANK PUERTO RICO
Parte Demandante
Vs.

LUIS MANUEL ALMODÓVAR RIVERA
Parte Demandada

CIVIL NUM. PC2023CV02017
SOBRE: SOBRE: COBRO DE DINERO Y EJECUCIÓN DE HIPOTECA EMPLAZAMIENTO POR EDICTO ESTADOS UNIDOS DE AMERICA. (EL PRESIDENTE DE LOS ESTADOS UNIDOS) SS. EL ESTADO LIBRE ASOCIADO DE PUERTO RICO) A: LUIS MANUEL ALMODOVAR RIVERA FISICA URB. VILLAS DEL PRADO, 454 CALLE VIZCAYA JUANA DIAZ, PR 00795 POSTAL: URB. VILLAS DEL PRADO, 454 CALLE VIZCAYA JUANA DIAZ, PR 00795-2783 POR LA PRESENTE, se le notifica que usted ha sido demandada en el presente caso con el propósito de ejecución de hipoteca. Representa a la parte demandante, la abogada nombre, dirección y teléfono se consigna de inmediato: Lcda. Madelin Colón Pérez Col. 13,512 / RUA: 14,316 315 Calle Tostie San Juan, Puerto Rico 00918 Tels. 787-763-4111 & Fax. 787-766-1289 Se le apercibe que si no compareciere usted a contestar dicha demanda a través del Sistema Unificado de Manejo y Administración de Casos (SUMAC), al cual puede acceder utilizando la siguiente dirección electrónica: https:www.poderjudicial.pr/index.php/tribunal-electrónico/, salvo que se represente por derecho propio. Si deja de presentar su alegación responsiva dentro del término de 30 días a partir de la publicación de este edicto, se le podrá anotar la rebeldía y se podrá dictar sentencia concediendo el remedio solicitado, sin más citarle ni oírle. En Ponce, Puerto Rico, a 7 de septiembre de 2023. Glenda D. Ruiz SECRETARIO POR: MARELY FELIX RIVERA SUB-SECRETARIO

MR-19127 ESTADO LIBRE ASOCIADO DE PUERTO RICO TRIBUNAL DE PRIMERA INSTANCIA SALA DE MAYAGÜEZ

LUIS ENRIQUE CORDOVA BENITEZ

Llame a Clasificados de **EL VOCERO 787-724 -1485**

DEMANDANTE
VS

BANCO POPULAR DE PUERTO RICO, POPULAR MORTGAGE INC. FULANO DE TAL y/o posibles tenedores desconocidos
DEMANDADOS

Numero Caso: MZ2023CV00418 Sobre: CANCELACION DE PAGARE EXTRAVIADO e HIPOTECA EMPLAZAMIENTO POR EDICTO ESTADOS UNIDOS DE AMERICA (EL PRESIDENTE DE LOS ESTADOS UNIDOS) SS. EL ESTADO LIBRE ASOCIADO DE PUERTO RICO) A: FULANO DE TAL y/o posibles tenedores desconocidos del pagare extraviado. Por la presente se le notifica que la parte demandante de epígrafe ha presentado ante este Honorable Tribunal una demanda sobre cancelación de Pagare Extraviado. Por la presente se le emplaza y requiere para que presente su alegación responsiva en el caso de epígrafe dentro de los treinta (30) días siguientes a la publicación de este edicto, excluyéndose el día de la publicación. Usted deberá presentar su alegación responsiva a través del sistema Unificado de Manejo y Administración de Casos al cual puede acceder utilizando la siguiente dirección electrónica: https://unired.ramajudicial.pr, salvo que se represente por derecho propio, en cuyo caso deberá presentar su alegación responsiva radicando el original de su contestación ante el Honorable Tribunal de Primera Instancia, Sala de Mayagüez y notificando con copia al Lcdo. Erick M. Quintana Acevedo con oficina en la Avenida Betances D-3 Urb. Hermanos Dávila, Bayamón, Puerto Rico, 00960, teléfono (787) 995-1186. Este caso corresponde a la cancelación de pagaré a favor de POPULAR MORTGAGE INC., o a su orden, por la suma principal de noventa mil dólares ($90,000.00), el cual genera intereses al cinco por ciento (5.00%) anual y vencedero el día primero (1) de septiembre de dos mil veintidós (2022), según resulta de la escritura número seiscientos cuarenta y ocho (648), otorgada en Bayamón, Puerto Rico, el día treinta y uno (31) de agosto de dos mil siete (2007) ante la Notario Vanessa López Ortiz, e inscrita al folio ciento treinta y tres (133) del tomo novecientos cuarenta y nueve (949) de Cabo Rojo, finca número nueve mil ciento treinta y siete (9,137) del Registro de la Propiedad de Puerto Rico, Sección de San Germán, inscripción sexta y última. La descripción legal de la propiedad del demandante es la siguiente: ---URBANA: Cabaña número 107 de la unidad rotulada "D" del "Residencial Turístico del Oeste Condominium" que radica en el Barrio Miradero del término municipal de Cabo Rojo, Puerto Rico. Consta de dos plantas, con un área superficial en la primera planta de trescientos cuarenta y cuatro punto cincuenta pies cuadrados (344.50 p.c.), equivalentes a treinta y dos punto cero metros cuadrados (32.02 m.c.) y la segunda planta un área superficial de trescientos setenta punto setenta y siete pies cuadrados (370.77 p.c.), equivalentes a treinta y dos punto cero metros cuadrados (32.02 m.c.) para un área total de construcción de setecientos quince punto veintisiete pies cuadrados (715.27 p.c.), equivalentes a sesenta y cuatro punto cero metros cuadrados (64.04 m.c.). Dicha cabaña está localizada en el lote número cuarenta y cinco (45) del plano de inscripción del Residencial Turístico del Oeste Condominium. Tiene como colindancias por el Norte, con el lote número cuarenta y cuatro (44); por el Sur, con el lote número cuarenta y seis (46); por el Este, con el lote número cuarenta y seis (46); y por el Oeste, con el lote número cuarenta y cuatro (44). Tiene como anejo el derecho de uso sobre el área común de estacionamiento. Tiene como anejo el derecho de uso sobre el área común de estacionamiento. Tiene como anejo el derecho de uso sobre el área común de estacionamiento.

Andrea Curbelo-Marty

From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Tuesday, September 26, 2023 9:41 AM
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-000488
Attachments: Early Notice_El Vocero_PR-CRP-000488.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 *Mejoras y Reforestación del Sistema Vial del Centro Urbano* (PR-CRP-000488). The Early Notice was published in the *El Vocero* newspaper of Puerto Rico on September 26, 2023.

Respectfully,

Permits and Environmental Compliance Division
Office of Disaster Recovery
environmentcdbg@vivienda.pr.gov | 787.274.2527
Visit us: 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: environmentcdbg@vivienda.pr.gov, for the project *Mejoras y Reforestación del Sistema Vial del Centro Urbano* (PR-CRP-000488), 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 *El Vocero* newspaper of Puerto Rico on September 26, 2023, with a comment period that concluded on October 11, 2023.

Cordially,

Permits and Environmental Compliance Division
CDBG-DR/MIT Program
environmentcdbg@vivienda.pr.gov | 787.274.2527 ext. 4320

Andrea Curbelo-Marty

From: Kenneth M. Garcia-De Leon
Sent: Wednesday, October 11, 2023 3:01 PM
To: environmentcdbg
Subject: RE: Comentarios PR-CRP-000488

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|787.274.2527 Ext. 4013
Visit us: www.cdbg-dr.pr.gov
Write us: infocdbg@vivienda.pr.gov

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From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Wednesday, October 11, 2023 2:59 PM
To: Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov>
Subject: Comentarios PR-CRP-000488

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 **Mejoras y Reforestación del Sistema Vial del Centro Urbano – Cataño (PR-CRP-000488)** ¿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 | 787.274.2527
Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA VIVIENDA

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aviso público

Aviso Final y Explicación Pública de una Actividad Propuesta en un valle inundable de 100 años

Mejoras y Reforestación del Sistema Vial del Centro Urbano
PR-CRP-000488

Para: Todas las partes interesadas, grupos e individuos

Este aviso notifica que el Departamento de la Vivienda de Puerto Rico (Vivienda) completó una evaluación según establece la Orden Ejecutiva 11988, de acuerdo con los reglamentos de HUD en 24 CFR 55.20 Subparte C - Procedimientos para hacer determinaciones sobre el manejo del valle inundable y la protección de humedales. La actividad está subvencionada con fondos del Programa de Revitalización de la Ciudad (CRP, por sus siglas en inglés), Subvención en Bloque para el Desarrollo Comunitario – Recuperación ante Desastres (CDBG-DR), números de subvención B-17-DM-72-0001 y B-18-DP-72-0001. El proyecto propuesto, **PR-CRP-000488**, está localizado en la intersección de la avenida Las Meredas con la calle Destino hasta la intersección de la avenida Las Meredas con la calle Barbosa, Cataño, PR 00962. El proyecto propuesto incluye la construcción de pasos peatonales para aumentar la seguridad de los peatones y mejoras en las aceras, en conformidad con la Ley de Americanos con Discapacidades (ADA, por sus siglas en inglés). Incluye la instalación de baldosas de tomazo, la rehabilitación de áreas de acceso peatonal y la reconstrucción y mejoras al sistema de señalización. Además, incluye la instalación de nuevas luminarias LED y la siembra y poda de árboles y áreas verdes. Aproximadamente 3.2 acres de las mejoras se ubican dentro del valle inundable. La actividad propuesta está situada en una zona de inundación AE. El área del proyecto se encuentra en el mapa de niveles de inundación base (ABFE, por sus siglas en inglés), como se indica en el Nivel de Inundación Base Recomendado de FEMA Puerto Rico en Puerto Rico Advisory Base Flood Elevations (ABFEs) | FEMA Region II Hub (arcgis.com). Las funciones naturales y beneficiosas del valle inundable son el almacenamiento y transporte del agua de las inundaciones y el valor del valle inundable es histórico.

Vivienda ha considerado las siguientes alternativas y medidas de mitigación para minimizar los impactos adversos y restaurar y preservar los valores naturales y beneficiosos: (a) ubicar el proyecto dentro de la llanura aluvial, (b) ubicaciones fuera de y que no afecten la llanura aluvial de 100 años y (c) no tomar ninguna acción. No se consideró factible ubicar el proyecto fuera del valle inundable. La actual avenida Las Meredas (PR-888) es una vía estatal y uno de los principales accesos de vía al pueblo de Cataño desde su formación, dando acceso a la alcaldía y al frente marítimo, así como a las calles municipales secundarias que acceden a la plaza pública, a las casas comunales y al comercio. La calle no tiene una ubicación alterna fuera del valle inundable, ya que la ciudad se ha desarrollado alrededor de la ubicación de la ruta. Las alternativas consideradas incluyeron la conversión de la calzada en espacios estrictamente verdes mediante la eliminación de características no naturales. Sin embargo, se determinó que la conversión de una importante carretera regional en espacio verde no era viable. Finalmente, se determinó que ninguna acción daría lugar a que el área permaneciera como espacio público no mejorado y se consideró inaceptable. La acción propuesta debe llevarse a cabo en un valle inundable porque el proyecto consiste en la seguridad de los peatones, la iluminación y las mejoras de una importante carretera de acceso que se encuentra en un valle inundable. El alcance del proyecto incluye la reforestación para ayudar a mitigar la medida propuesta y preservar la función de almacenamiento y conducción de aguas de inundación del valle inundable. El proyecto cumplirá con los procedimientos de protección de valles inundables de Puerto Rico y de los municipios locales.

Vivienda reevaluó 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 pasos 3 a 6 de la Orden Ejecutiva 11988 está disponible para inspección, revisión y reproducción de parte del público, de ser solicitado, en el horario y lugar indicado en el último párrafo sobre recibo de comentarios de este aviso.

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 natural deben recibir la oportunidad de expresar sus inquietudes y proveer información sobre estas áreas. Segundo, un programa adecuado de avisos públicos puede ser una importante herramienta de educación pública. La divulgación de información y solicitud de comentarios sobre los valles inundables pueden facilitar y mejorar los esfuerzos federales para reducir los riesgos e impactos asociados con la ocupación y alteración de estas áreas especiales. Tercero, como materia de justicia, cuando el gobierno federal determine participar en acciones ubicadas en los 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 del 21 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 Dávila, 606 avenida Barbosa, Río Piedras, PR 00918-8445, Atención: Ivelisse Lorenzo-Torres, Especialista en Permisos 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) 274-2527, ext. 4320. Como alternativa, también pueden enviar los comentarios a Vivienda por medio electrónico a environmentcdbg@vivienda.pr.gov.

Fecha: 13 de diciembre de 2023

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

public notice

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

Improvements and Reforestation of the Urban Center Road System
PR-CRP-000488

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 the Executive Order 11988, 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 (CDBG-DR), City Revitalization Program (CRP), grant numbers B-17-DM-72-0001 and B-18-DP-72-0001. The proposed project, **PR-CRP-000488**, is located on the intersection of Las Meredas Avenue with Destino Street, up to the intersection of Las Meredas Avenue with Barbosa Street, Cataño, PR 00962. The proposed project includes the construction of pedestrian crossings to increase pedestrian safety and the improvements to sidewalks in compliance with the Americans with Disabilities Act (ADA). It includes installation of terrazzo tile, the rehabilitation of pedestrian access areas, and the reconstruction and improvements to the signage system. Also, the installation of new LED lights and the planting and pruning of trees and green areas. Approximately 3.2 acres of the improvements will be located within the floodplain. The proposed activity is located in a flood zone AE. The floodplains in the project area can be found in the Advisory Base Flood Elevation (ABFE), as indicated on the FEMA Puerto Rico Advisory Base Flood Elevation on Puerto Rico Advisory Base Flood Elevations (ABFEs) | FEMA Region II Hub (arcgis.com). The natural and beneficial functions of the floodplain are the storage and transportation of flood water and the value of the floodplain is historic.

PRDOH has considered the following alternatives and mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial values: (a) locating the project within the floodplain, (b) locations outside of and not affecting the 100-year floodplain, and (c) taking no action. Locating the project outside the floodplain was not found to be feasible, as Las Meredas Avenue (PR-888) is a state road and one of the main route accesses to the town of Cataño since its formation, providing access to the town hall and the maritime front, as well as to the secondary municipal streets that access the town square, community houses, and commerce. The street has no alternate location outside the floodplain, since the town has been developed around the route location. Alternatives considered included converting the roadway to strictly greenspace by removing non-natural features. However, the conversion of an important regional roadway into greenspace was determined to be not feasible. Finally, it was determined that no action would result in the area remaining an unimproved public space and was deemed unacceptable. The proposed action must take place in a floodplain because the project consists of pedestrian safety, lighting, and improvements to an important access road that is located in a floodplain. The project scope includes reforestation to help mitigate the proposed measure and preserve the floodwater storage and conveyance function of the floodplain. The project will comply with Puerto Rico and local municipality floodplain protections procedures.

PRDOH has reevaluated the alternatives to build 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 11988 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 natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public education tool. The dissemination of information and request for public 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 December 21, 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 00918-8445, Attention: Ivelisse Lorenzo-Torres, Permits 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) 274-2527, ext. 4320. In the alternative, comments may also be sent to PRDOH by email to environmentcdbg@vivienda.pr.gov.

Date: December 13, 2023

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

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Andrea Curbelo-Marty

From:	environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent:	Wednesday, December 13, 2023 1:54 PM
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-000488
Attachments:	Final Notice_Primera Hora_PR-CRP-000488.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 *Mejoras y Reforestación del Sistema Vial del Centro Urbano* (PR-CRP-000488). The Final Notice was published in the *Primera Hora* newspaper of Puerto Rico on December 13, 2023.

Respectfully,

Permits and Environmental Compliance Division
Office of Disaster Recovery
environmentcdbg@vivienda.pr.gov | 787.274.2527
Visit us: www.cdbg-dr.pr.gov

DEPARTAMENTO DE LA VIVIENDA

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December 26, 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: environmentcdbg@vivienda.pr.gov, for the project *Mejoras y Reforestación del Sistema Vial del Centro Urbano* (PR-CRP-000488), 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 13, 2023, with a comment period that concluded on December 21, 2023.

Cordially,

Permits and Environmental Compliance Division
Disaster Recovery Office
environmentcdbg@vivienda.pr.gov | 787.274.2527 ext. 4320

Andrea Curbelo-Marty

From: Kenneth M. Garcia-De Leon
Sent: Tuesday, December 26, 2023 9:46 AM
To: environmentcdbg
Subject: RE: Comentarios - Aviso Final PR-CRP-000488

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|787.274.2527 Ext. 4013
Visitanos: recuperacion.pr.gov
Contactanos: infocdbg@vivienda.pr.gov

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From: environmentcdbg <environmentcdbg@vivienda.pr.gov>
Sent: Tuesday, December 26, 2023 9:20 AM
To: Kenneth M. Garcia-De Leon <kgarcia@vivienda.pr.gov>
Subject: Comentarios - Aviso Final PR-CRP-000488

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 **Mejoras y Reforestación del Sistema Vial del Centro Urbano (PR-CRP-000488)** ¿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 | 787.274.2527
Visit us: recuperacion.pr.gov
Contact us: infocdbg@vivienda.pr.gov

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1.12 Historic Preservation

GOVERNMENT OF PUERTO RICO
STATE HISTORIC PRESERVATION OFFICE
Executive Director I Carlos A. Rubio-Cancela I carubio@prshpo.pr.gov

Friday, July 21, 2023

Lauren Bair Poche
HORNE- Architectural Historian Manager
10000 Perkins Rowe, Suite 610 Bldg. G
Baton Rouge, LA 70810

SHPO: 06-21-23-02 MEJORAS Y REFORESTACIÓN DEL SISTEMA VIAL DEL CENTRO URBANO, AVE. LAS NEREIDAS, CATAÑO, PUERTO RICO/ PR-CRP-000488

Dear Ms. Poche,

Our Office has received and reviewed the information submitted for the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the *National Historic Preservation Act, as amended)* and 36 CFR Part 800: *Protection of Historic Properties* from the Advisory Council on Historic Preservation.

We believe the urban center of Cataño is eligible for inclusion in the National Register of Historic Places, as a historic district under criteria A and C, for its contribution in the areas of Community Planning and Development, Social History and Architecture. After a review of all the documentation, the SHPO concurs with your finding that the proposed project will have **no adverse effect** within the area of potential effects.

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

Sincerely,

pm Carlos A. Rubio-Cancela
State Historic Preservation Officer

CARC/GMO/MDT

SHPO OFICINA ESTATAL DE CONSERVACIÓN HISTÓRICA
OFICINA DEL GOBERNADOR
STATE HISTORIC PRESERVATION OFFICE
OFFICE OF THE GOVERNOR
OECH

Cuartel de Ballajá (Tercer Piso), Calle Norzagaray, Esq. Beneficencia, Viejo San Juan, PR 00901 | PO Box 9023935, San Juan, PR 00902-3935
787 721 3737 oech.pr.gov

June 21, 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-000488, Mejoras y Reforestación del Sistema Vial del Centro Urbano, 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 Mejoras y Reforestación del Sistema Vial del Centro Urbano Project. The Municipality of Cataño includes improvements to Avenida Las Nereidas (PR-888) between its intersection with Avenida Barbosa and Calle Destino. These improvements will include planting and pruning of trees and green areas, new pavement and/or improvements to the street and sidewalks, rehabilitation of pedestrian areas, removal of damaged utilities in disuse, painting of architectural elements to remain in place, reconstruction and improvements to signage system along the road, installation of new LED luminaries/light poles and general improvements to the electrical system. The full scope of the project is described in the submitted documentation, which includes mapping, photographs, and the 60% construction plans.

Based on the provided documentation, 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@horne.com or phone at 225-405-7676.

Kindest regards,



Lauren Bair Poche. M.A.
Architectural Historian, Historic Preservation Senior Manager
Attachments

October 20, 2022

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

Re: Authorization to Submit Documents

Dear Arch. Rubio Cancela:

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

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

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

Cordially,

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

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CRP) **Section 106 NHPA Effect Determination**	
Subrecipient: Municipality of Cataño, PR	
Project Name: Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas	
Project Number: PR-CRP-000488	

Project Location: Las Nereidas Avenue, from Avenida Barbosa to Calle Destino, Cataño	
Project Coordinates: Western end: 18.441148, -66.123245; eastern end: 18.444023, -66.114208	
TPID (Número de Catastro)**:** 720-033-008-88	
Type of Undertaking: X Substantial Repair ☐ New Construction	
Construction Date (AH est.): (c.1940s) road	**Property Size** (acres)**:** Approx 3.81
SOI-Qualified Architect/Architectural Historian: Zuleika Hernández Miranda	
Date Reviewed: February 10, 2023; rev. May 2023	
SOI-Qualified Archaeologist: Aida Belén Rivera Ruiz	
Date Reviewed: 21 January 2023	

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

Project Description (Undertaking)

CDBG-DR Project Description: 000488 "Improvements and Reforestation of the Road System of the Urban Center, Ave. Las Nereidas"

The Municipality of Cataño, through a Request for Proposals awarded the project to ERB architects for the design of the revitalization of Avenida Las Nereidas. Las Nereidas Avenue (PR-888) is a state road that flows along the waterfront in the Municipality of Catano. This project includes the road section between the intersection of Ave. Las Nereidas vs. Ave. Barbosa through the intersection of Ave. Las Nereidas vs. Destino Street. The avenue is approximately 940 linear meters. The improvements will comprise 15,421.90 square meters.

Las Nereidas Avenue moves east to west from the La Puntilla ward of Cataño until it concurs with Santa Marta Street. It perpendicularly coincides with this street and defines the corner of the block where the Municipality's mayor's office is located.

The intervention is minimal and does not negatively affect, in any way, the adjacent structures. On the contrary, it functions as a unifying entity between the properties found in the area and the Quinto Centenario and Recreo squares. Both squares will also be intervened but under another project.

The revitalization of Las Nereidas avenue includes its reforestation, lighting, and paving due to the damage caused by hurricanes Irma and María in 2017.

The Municipality of Cataño has requested the following:

"1) 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.
2) New pavement and/or improvements to the street and sidewalks.
   a. Construction or improvements of pedestrian crossings to increase pedestrian safety.
   b. Speed bumps to increase the safety of residents of the sector.
   c. Resurfacing of roadway, as needed.
   d. Resurfacing and/or widening of sidewalk, as needed.
3) Encourage bicycle use, if possible.
4) Rehabilitation of pedestrian or other areas.
   a. Clean any other existing surface, pedestrian or non-pedestrian, that will not be replaced or impacted, by means of pressure wash and/or cleaning products.
   b. Sign bases and/or poles or other obstacles must be removed or replaced if necessary. Impacted areas to be rehabilitated with homogeneous termination to surrounding areas.
   c. Sidewalks around the street impacted by the reconstruction to provide a safe pedestrian area and be homogeneous with their surroundings.
5) Any task necessary for pedestrian/user safety.
6) Removal of debris, poles and/or 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.
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 along the road section 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.
c. Lighting poles 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) 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 Accessiblity Design."

The project begins at the intersection of Avenida Las Nereidas with Santa Marta street, west of the new Cataño City Hall. It extends to the junction with Avenida Barbosa in the east. The project incorporates changes in pavement patterns. These patterns coincide with those designed for the Plaza del Quinto Centenario and Plaza del Recreo projects. With these patterns, directions are established, and it is intended that the use of the mentioned spaces, such as the one on the boardwalk, will increase.

The sidewalks are widened, and lighting that varies between solar and electric will be installed. Vegetation has been integrated into the planters in the center of the avenue and which divides the lanes in both directions. Just as landscape work will be placed on the sidewalks, floor patterns will intersperse concrete and terrazzo. Lawn pads are projected. Ramps have been added at the corners of the sidewalks for people with disabilities.

The primary node is located at the intersection with Isidra Rodríguez street. At this point, the floor patterns are interspersed with those of the Plaza del Quinto Centenario, which, in turn, will integrate with the Plaza del Recreo. This gesture communicates these spaces with the boardwalk. The increase in terrazzo bands on Las Nereidas avenue favors pedestrian traffic and provides a hierarchy to this space. In these sidewalk segments, including the side of the boardwalk, bollards have been included to avoid vehicle accidents. After crossing Wilson Street, the landscaping and treatment of the pavement acquire a hierarchy, although in a more controlled way. Upon reaching the intersection with Atalaya street, the floor patterns, vegetation, and lighting become denser again. Even adjacent to the north sidewalk, they create a curve that slows down vehicular traffic. The space that has been created on the north sidewalk can be used as a seating area. In this, the original grid is inserted within the proposed pattern. This creates a sense of dynamism and extends to the perpendicular meeting with Santa Rosa Street.

After Santa Rosa Street, trees are increased on the south side of Las Nereidas avenue, and the landscape is maintained in the planters in the center of the road. This is heading east. This block is much more extensive. In this, the proposed trees on the sidewalks and the vegetation integrated into the central planters frame the vehicular lane towards the east, being denser. The southern intervention culminates on this sidewalk when it meets Avenida Barbosa. The designed pattern is integrated into the north side of Las Nereidas avenue. To the north of these are some gazebos and more vegetation.

The following ground-disturbing activities will be held:

- Grubbing and demolition of sidewalks, depth will range from 6" – 12"
- Selective pavement will be replaced.

Please refer to the Architectural and Civil plans set.

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 is the actual project footprint, the adjacent Cataño port front to the north, plus the access roads that will carry the burden of traffic during construction: from a no-name street (western limit of Rosendo Matienzo Cintrón residential complex) to the west, to calle Recreo to the east, and to PR-5 (Avenida Barbosa) to the south.

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 along the entire stretch of the project. The same is true on the 1930 aerial photo. 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, referring to soils that have been significantly altered by human activity, specifically a largely built environment.

The general area has been thoroughly surveyed in previous years. Eight archaeological surveys have been carried out within the APE. Another four were carried out on land and two underwater within a half-mile radius; another two are adjacent to said radius. Within the APE, these are the surveys on record:

Font Negrón, Aramis
1999 Improvements to Acuaexpreso Intermodal Terminal
Phase IA
ICP/CAT-SJ-C-99-07-10

Negative

Ramos Vélez, Marlene

2003 Construcción del Paseo del Puerto y de edificio de estacionamiento
Phase II
ICP/CAT-CT-09-04-01
Positive: Report not available

2000 Paseo del Puerto y edificio de estacionamiento multipisos
Phase IB
ICP/CAT-CT-00-03-06
Positive: Limited infrastructure remnants and domestic artifacts related to the Línea Férrea del Oeste at Parcel A

1999 Construcción del Paseo del Puerto y de un edificio de estacionamiento en área de varadero
Phase IA
ICP/CAT-CT-99-03-04
Positive: Línea Férrea del Oeste

1996 Desarrollo urbano de la zona costanera de Cataño
Phase IB
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

1990 Construcción de oficinas municipales
Phase IA-IB
ICP/CAT-CT-90-01-08 and SHPO #09-11-89-11
Negative

The three partially overlapping surveys with positive results (ICP/CAT-CT-09-04-01, ICP/CAT-CT-00-03-06 and ICP/CAT-CT-99-03-04) all refer to the same find: remnants of Línea Férrea del Oeste (CT-2), just south of the proposed project, clearly within the APE. The rest of them, including a Phase IA and a Phase IB that overlap with and extend beyond the APE (ICP/CAT-CT-96-02-07/ SHPO #07-21-95-06 and ICP/CAT-CT-95-02-03/ SHPO #07-21-95-06), had negative results.

There are two known historic properties within the proposed undertaking's APE. An archaeological resource: the aforementioned 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).

Identification of Historic Properties - Architecture

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

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.

Along the south border of Las Nereidas Avenue there are a myriad of properties that range from residences to commercial buildings. Some of them mix both uses. Some of them maintain roughly any details or ornaments according to their era. These properties used to be mainly houses made of palm trees, until when 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. The Cataño's Seafront is on the north, as it is the "Lancha de Cataño", which is a daily mean of transportation between Cataño and Old San Juan.

Currently, the Cataño's 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. As well as the Plaza del Quinto Centenario (18.44145418, -66.11925865), that was design in 1999 by René Vélez Marichal and Associates (Please refer to Supporting Documents), the Avenida Las Nereidas share the same lighting posts used in the Plaza del Quinto Centenario.

Likewise, we have consulted many photos, through Google Earth, Google Maps, USGS Earth Explorer. The Malecón de Cataño (Cataño's Seafront) was built c. 2014-2015, and bounds Avenida Las Nereidas to the north. The approved permit number is: 2014-PCO-00099, The 2014 stands for the year of presentation to OGPe. For an authorized permit, for a project of this magnitude to be granted, many Recommendations (RECS, SRS, etc.) must have been delivered. The Malecón de Cataño borders all the north of Las Nereidas Avenue.

The properties found within the APE are mostly properties that have been altered throughout the years. The interventions made range from ornamental to programmatic. Initially, these lots were occupied according to the commercial development of Cataño, and this is evident in the establishment of the "lancha de Cataño" terminal. However, with this development, the construction evolved, and there is very little architectural integrity at the moment.

Established in 1568, it was not until the mid-XIXth century that Cataño had a boom in its development. In the 1941 USGS map: PR_San Juan_362582_1941_30000, the agglomeration and organization of structures are evident, since Las Nereidas Avenue is the access "hall" to Cataño, via maritime transportation. Unfortunately, the level of intervention in the structures has diminished their integrity.

PRSHPO is the custodian of the Cataño Inventory that was in charge of Jerry Torres PH.D. The structures marked on the map provided by the PRSHPO, identify properties that may require further investigation. In the same way, the intervention proposed with the project is limited to the level of road and pedestrian paving and the inclusion of vegetation. The improvements do not represent adverse effects. On the contrary, they will provide for Codes and Regulations compliance.

Determination

The following historic properties have been identified within the APE:

- Direct Effect:

- Primera Iglesia Evangélica Luterana
  Barbosa Avenue num. 75.
  This structure is in ruins. Under SHPO's records it is classified as an Archeological Site (CN0200002).

- Indirect Effect:
- Línea Férrea del Oeste (CT-2)

- Primera Iglesia Evangélica Luterana: 18.442388, -66.116796
  This structure is in ruins. Under SHPO's records it is classified as an Archeological Site (CN0200002).

- Plaza del Recreo: 18.440994,-66.119204

- Plaza del Quinto Centenario: 18.44145418, -66.11925865

- 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

- 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.

- Escuela Rosendo Matienzo Cintrón: 18.441169,-66.125058
  Architect unknown
  The building has a Demolition and construction permit approved:
  2022-467438-PUI-007514

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, as limited to the actual avenue and sidewalks will only have an indirect effect on adjacent archaeological site CT-2 and historic building CN0200002.

The proposed intervention is limited to floor level and vehicular and pedestrian circulation, along with landscape and illumination. These urban fixtures will not compete with the cityscape. According to the Architectural plans, the new intervention is in accordance with the provisions under Standard number 9 of the Secretary of the Interior's Standards for Rehabilitation.

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 or eligible properties. The scope of work is limited to segments of Las Nereidas Avenue (Please refer to Architectural and Civil Plans), sidewalks and lighting. area has previously been surveyed, and no archaeological resources have been identified.

Consequently, the intervention in Las Nereidas Avenue will not be detrimental to the eligible historic properties that comprise the APE. Sidewalks, pavers, lighting posts, vegetation and ADA compliant ramps do not affect the physical characteristics of the eligible properties, nor the character of each of the avenue.

Recommendation

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

☐ No Historic Properties Affected
X No Adverse Effect
Condition (if applicable)

☐ Adverse Effect
Proposed Resolution (if appliable)

This Section is to be Completed by SHPO Staff Only

The Puerto Rico State Historic Preservation Office has reviewed the above information and: ☐ **Concurs** with the information provided. ☐ **Does not concur** with the information provided.	
Comments:	
Carlos Rubio-Cancela State Historic Preservation Officer	Date:

Fig. 1: Project (Parcel) Location – Area of Potential Effect Map (Aerial) (on PRSHPO TUC Maps)



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



Zone covering the project location and the APE.

Project location

APE

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



Zone covering the project location and the APE.

Project location

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



Zone covering the project location and the APE.

Project location

APE

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)

Zone covering the project location and the APE.

APE

TUC

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



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

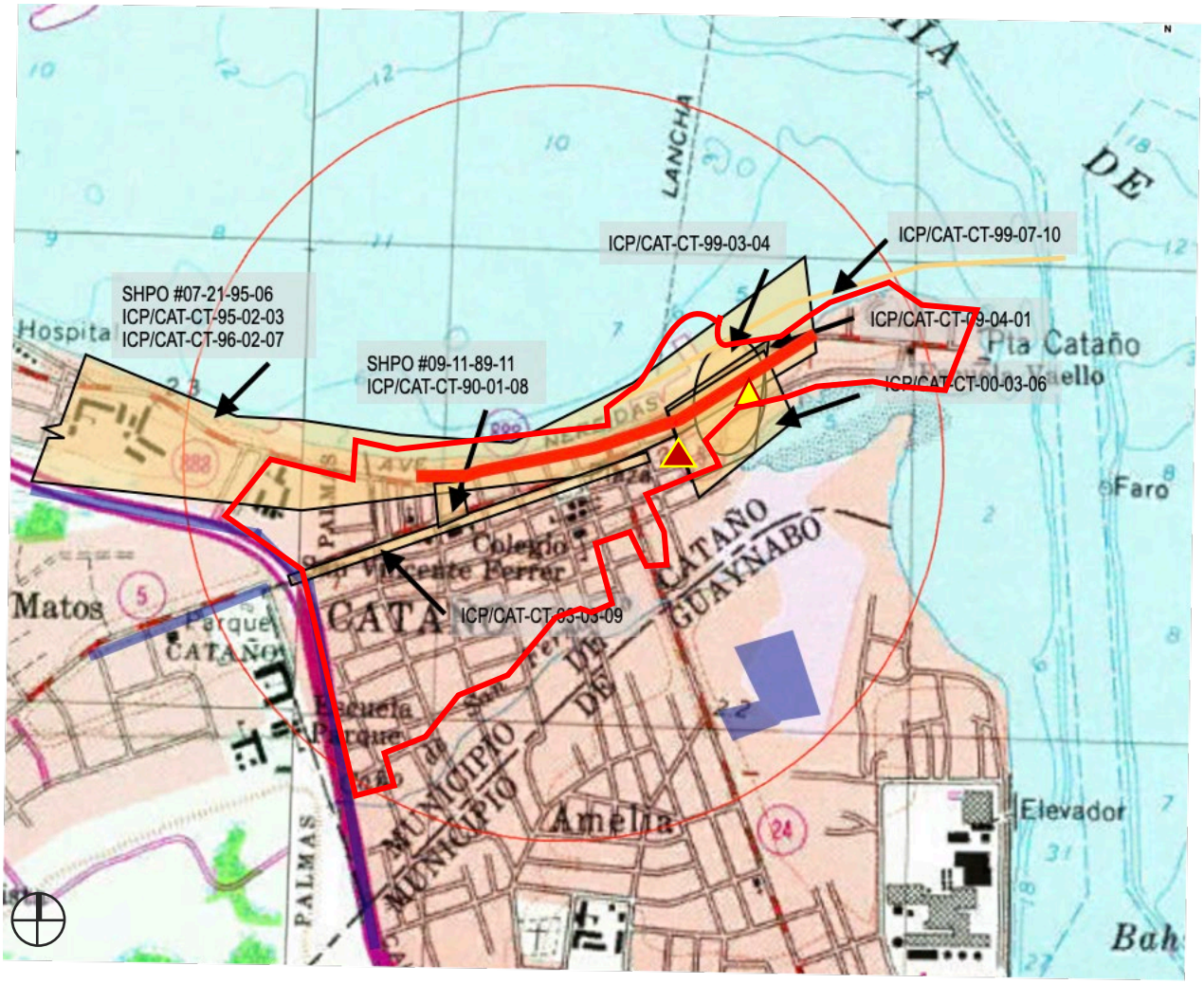


Fig. 8: 1930 Aerial photo of downtown Cataño



Zone covering the project location and the APE.

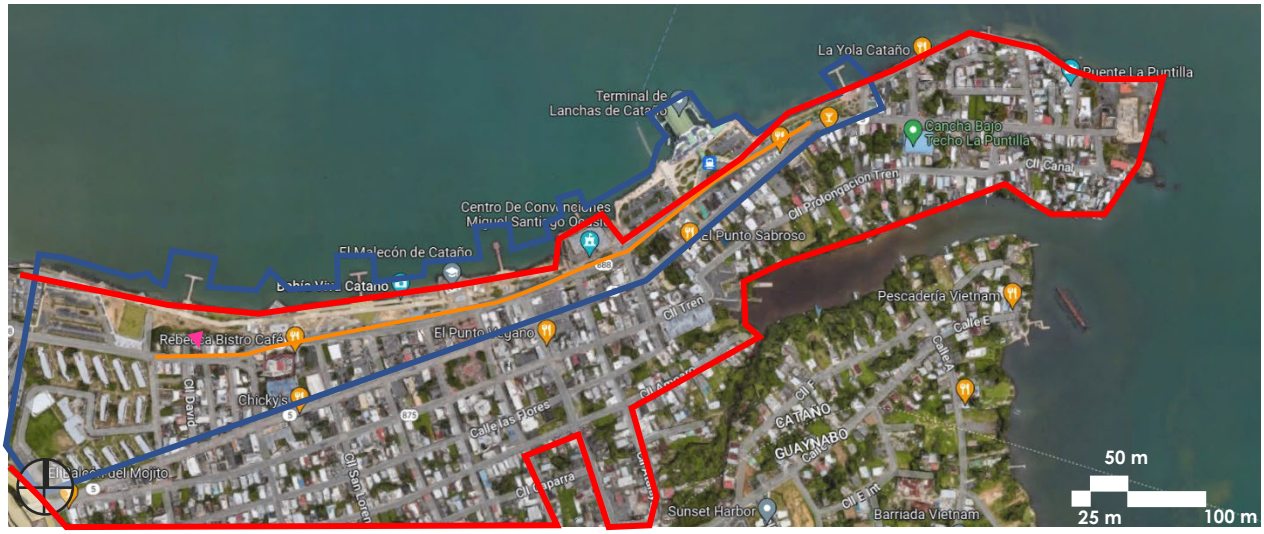
TUC

APE

Fig. 9: 2015 Plan of Cataño. (Google Maps through https://gis.jp.pr.gov/mipr/)



Fig. 10: Aerial photo of Cataño. (2022 Google Maps Imagery)
https://www.google.com/maps/@18.4418336,-66.1190373,157m/data=!3m1!1e3



north

Project location

Project APE

TUC

Fig. 11: Project Parcel Location and APE
2018 USGS Topographic Map: PR_San_Juan_20181019_TM
https://ngmdb.usgs.gov/topoview/viewer/#15/18.4405/-66.1219

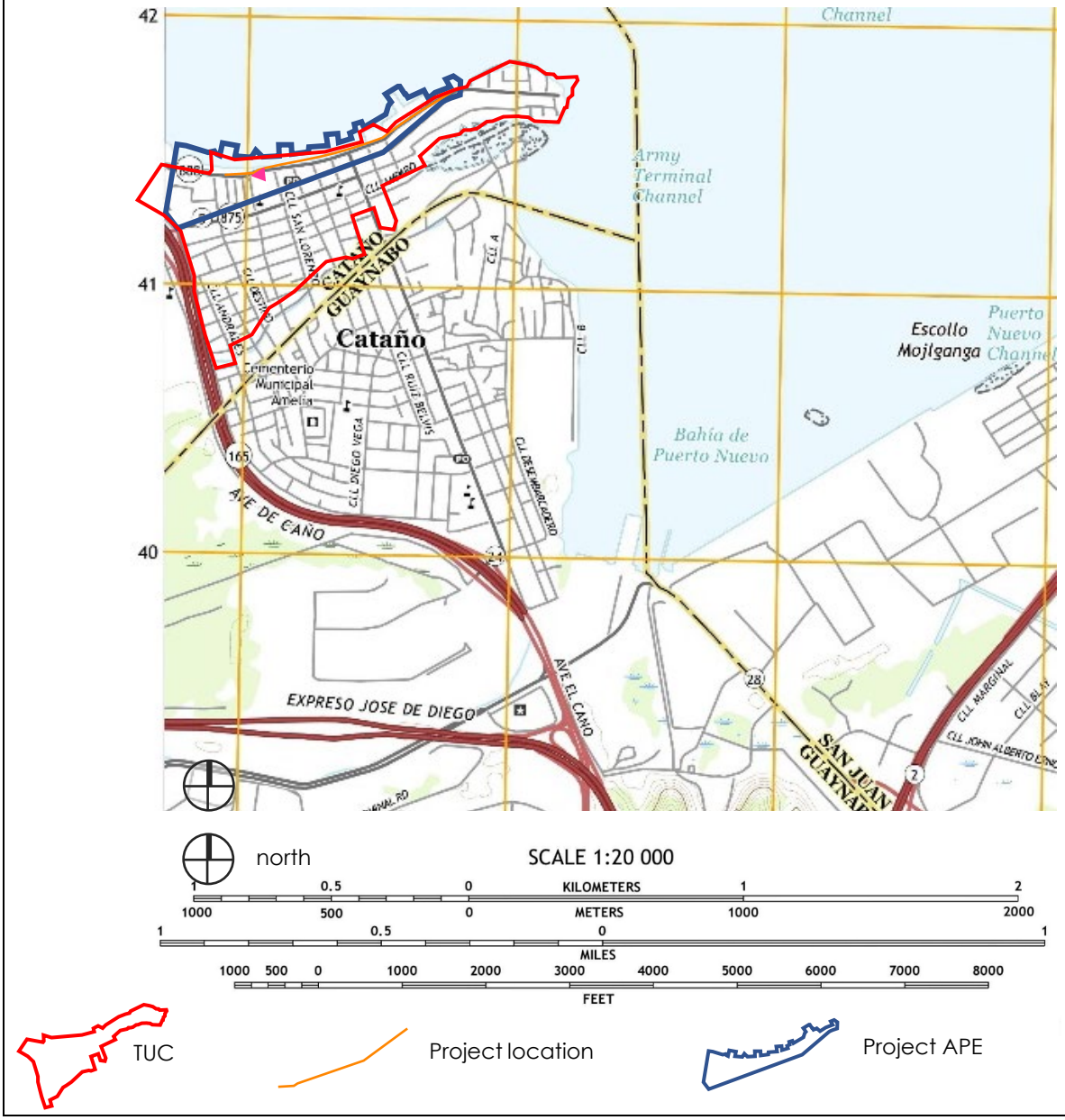


Fig. 12: Project Parcel Location and APE
1949 USGS Topographic Map: PR_San Juan_362585_1949_30000
https://ngmdb.usgs.gov/topoview/viewer/#15/18.4405/-66.1219

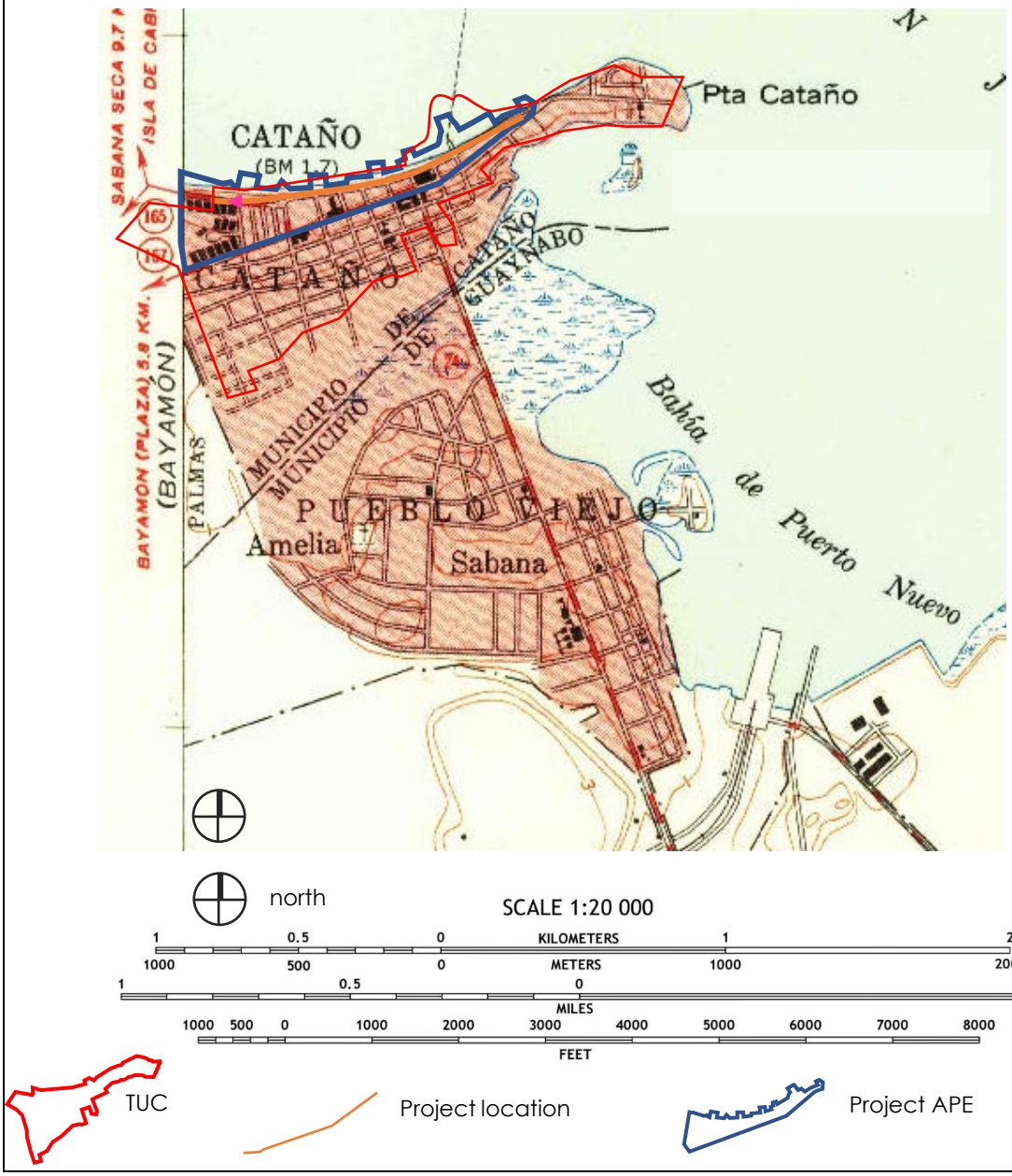


Fig. 13: Project (Parcel) Location with Previous Investigations and Previously Recorded Cultural Resources – USGS Topographic Map: PR_San_Juan_20181019_TM

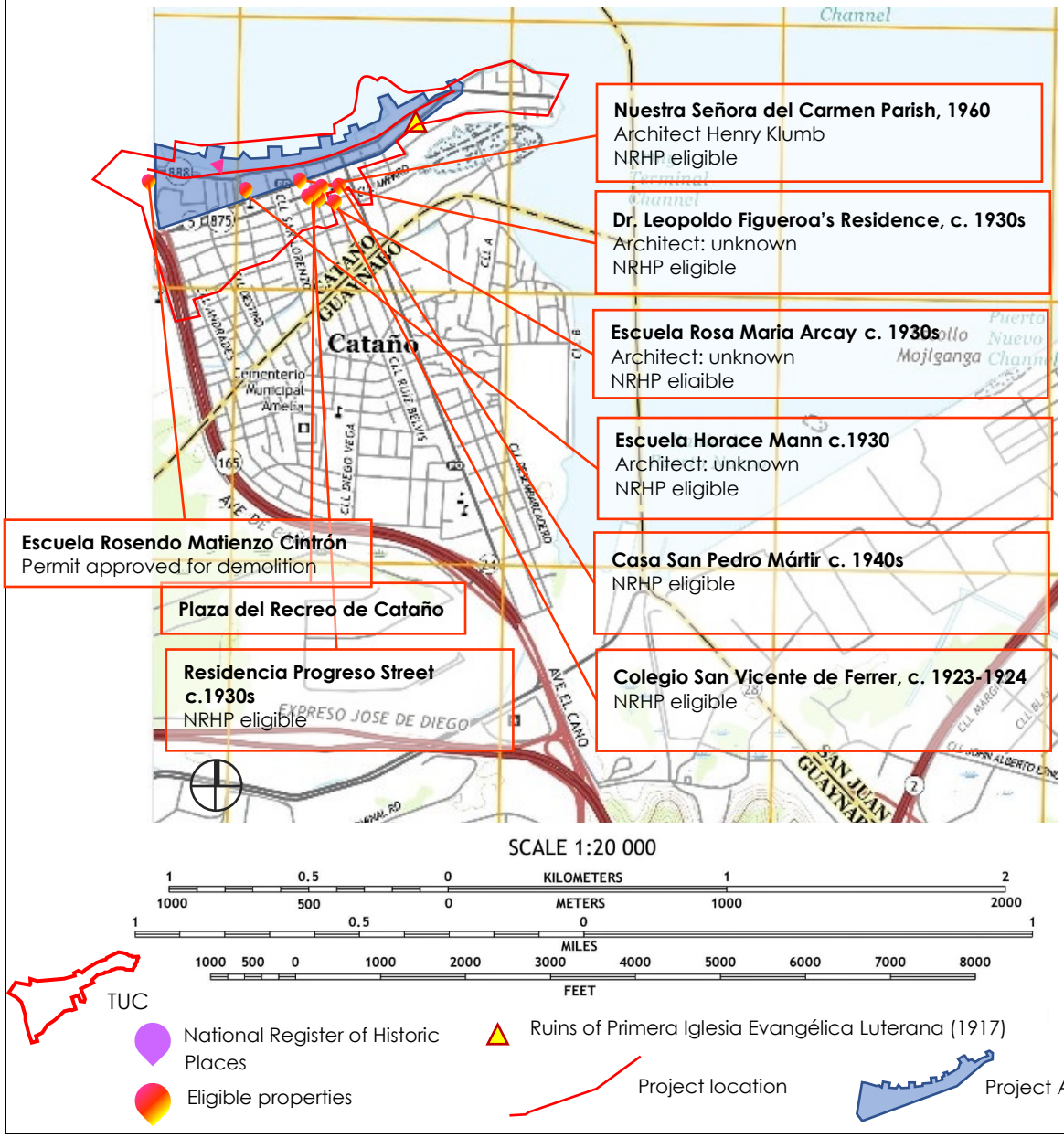


Fig. 14: Project (Parcel) Location with Previous Investigations and Previously Recorded Cultural Resources – Aerial Map 2022 Google Maps Imagery https://www.google.com/maps

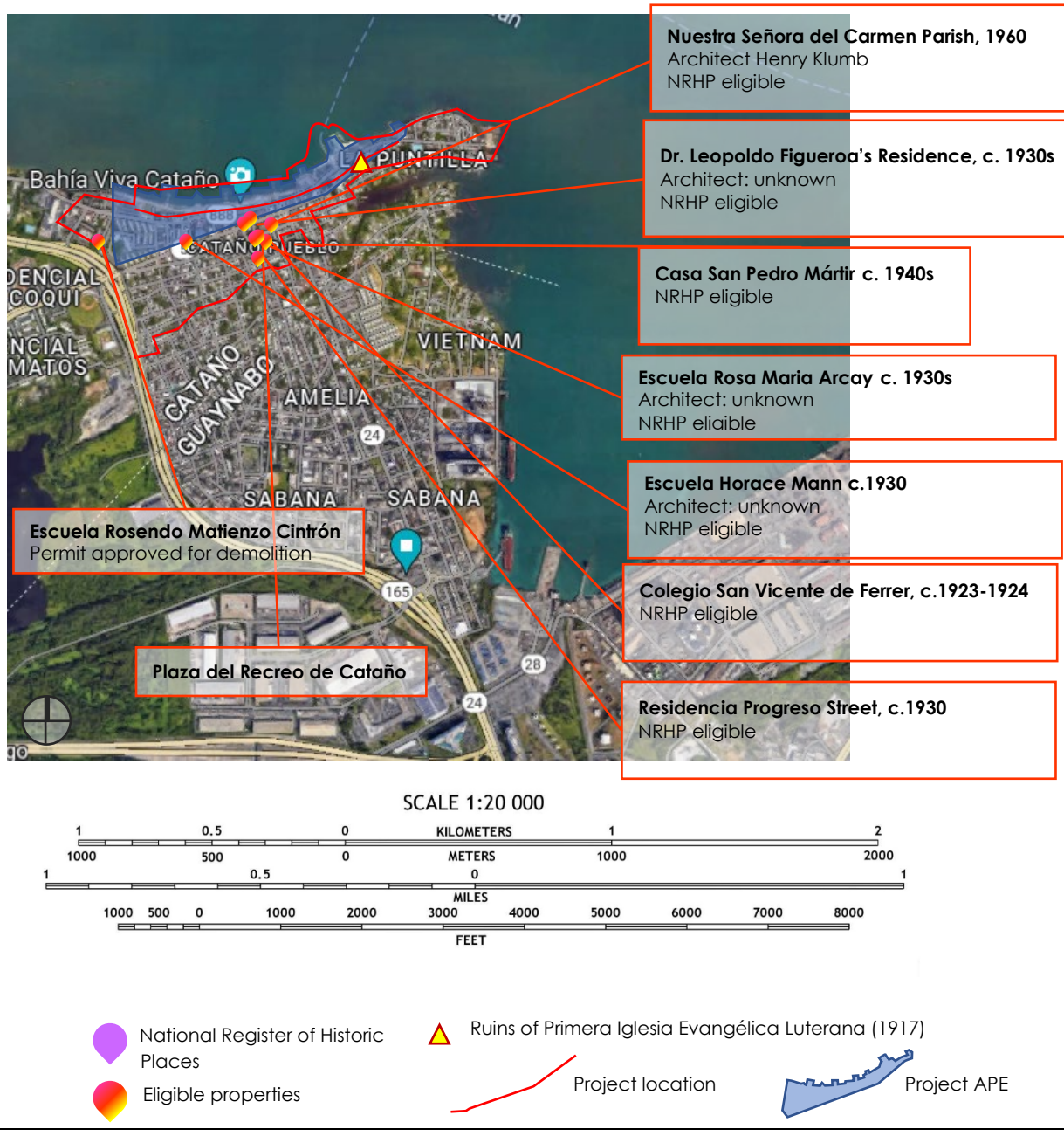


Fig. 15: Photograph Key (on Google Earth 2023 imagery)



Photos taken along Las Nereidas Avenue

Direction of picture taken



Photo #: 01	**Description (include direction):** Seafront north sidewalk
Date: 11/15/22	



Photo #: 02	**Description (include direction):** Seafront north sidewalk
Date: 11/15/22	



Photo #: 03 **Date:** 11/15/22	**Description (include direction):** South sidewalk



Photo #: 04 **Date:** 11/15/22	**Description (include direction):** Public Transportation Terminal north sidewalk



Photo #: 05 **Date:** 11/15/22	**Description (include direction):** Public Transportation Terminal north sidewalk



Photo #: 06 **Date:** 11/15/22	**Description (include direction):** Commercial space eatery south sidewalk



Photo #: 07 **Date:** 11/15/22	**Description (include direction):** North sidewalk and avenue



Photo #: 08 **Date:** 11/15/22	**Description (include direction):** North sidewalk



Photo #: 09 **Date:** 11/15/22	**Description (include direction):** Looking northwest



Photo #: 10 **Date:** 11/15/22	**Description (include direction):** South sidewalk



Photo #: 11 **Date:** 11/15/22	**Description (include direction):** South sidewalk



Photo #: 12 **Date:** 11/15/22	**Description (include direction):** South sidewalk looking to Quinto Centenario Plaza The lightpost are the same as in Las Nereidas Avenue.



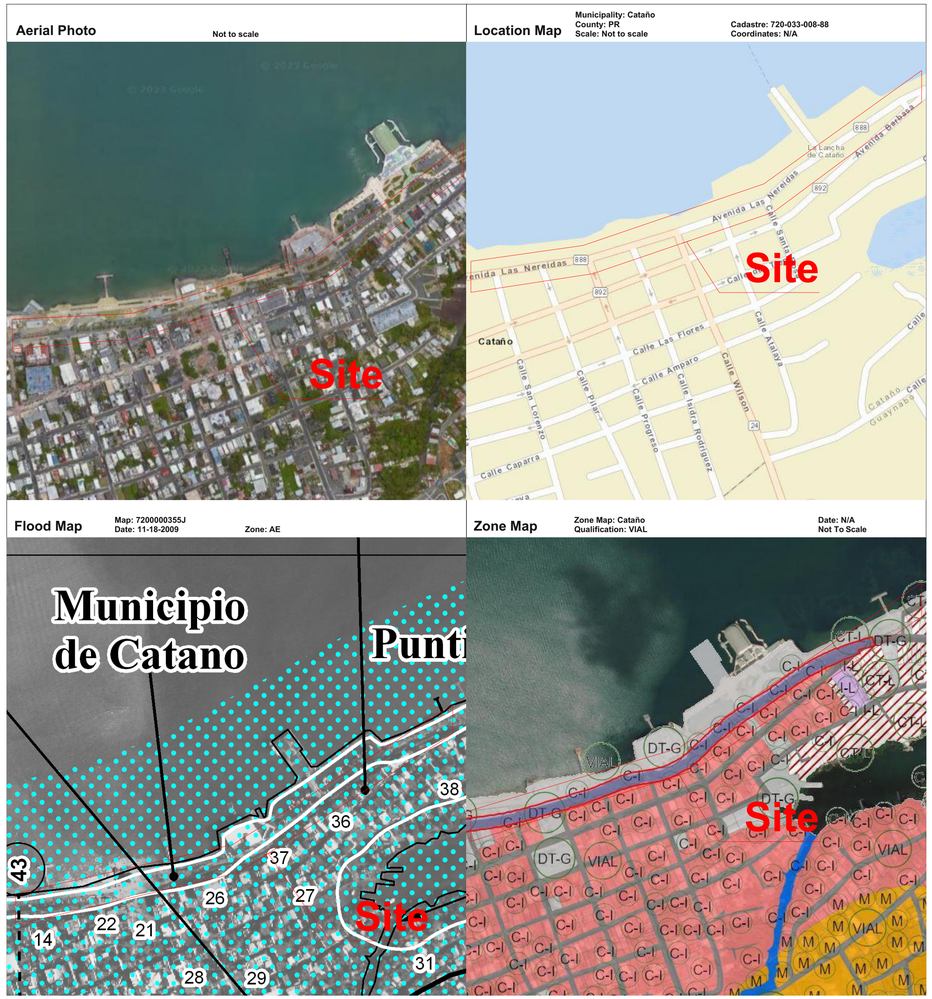
Photo #: 13 **Date:** 11/15/22	**Description (include direction):** Gas station located at the south sidewalk



Photo #: 14 **Date:** 11/15/22	**Description (include direction):** Restaurants and bar located at the south sidewalk



Photo #: 15	**Description (include direction):** Eateries at the south sidewalk
Date: 11/15/22	



PROGRAMA DE
REVITALIZACIÓN DE LA CIUDAD

DEPARTAMENTO DE LA
VIVIENDA

SUITE 206
cobians plaza
parada 23 santurce
939.969.1553
WWW.ERERA8.COM

DREAMS DO COME TRUE

DD - Design Development 60%

Municipio Autónomo de Cataño CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

P.O. Box 428
Cataño PR 00963

EUGENIO RAMIREZ BALLAGAS
ERBA arquitectos

Project Number 22_022

SHEET INDEX		Current Revision ID	Issue Name	Issued Date	Issued	Published
General - Ave. Las Nereidas						
G-0.0	Title Sheet			-	☐	☐
G-1.0	Project Information			-	☐	☒
G-2.1	General Notes			-	☐	☐
G-2.2	General Notes			-	☐	☐
Survey - Ave. Las Nereidas						
S-1.1	Survey Plan			-	☐	☐
S-1.2	Survey Plan			-	☐	☐
S-1.3	Survey Plan			-	☐	☐
S-1.4	Survey Plan			-	☐	☐
S-1.5	Survey Plan			-	☐	☐
S-1.6	Survey Plan			-	☐	☐
S-1.7	Survey Plan			-	☐	☐
S-1.8	Survey Plan			-	☐	☐
S-1.9	Survey Plan			-	☐	☐
S-1.10	Survey Plan			-	☐	☐
S-1.11	Survey Plan			-	☐	☐
S-1.12	Survey Plan			-	☐	☐
S-1.13	Survey Plan			-	☐	☐
S-1.14	Survey Plan			-	☐	☐
Civil - Ave. Las Nereidas						
C-0.0	Key Plan			-	☐	☐
C-1.1	Existing Plan			-	☐	☐
C-1.2	Exisitng Plan			-	☐	☐
C-1.3	Exisiting Plan			-	☐	☐
C-1.4	Exisiting Plan			-	☐	☐
C-1.5	Exisiting Plan			-	☐	☐
C-1.6	Exisiting Plan			-	☐	☐
C-2.1	Demolition Plan			-	☐	☐
C-2.2	Demolition Plan			-	☐	☐
C-2.3	Demolition Plan			-	☐	☐
C-2.4	Demolition Plan			-	☐	☐
C-2.5	Demolition Plan			-	☐	☐
C-2.6	Demolition Plan			-	☐	☐
C-3.1	Proposed Site Plan & Profile			-	☐	☐
C-3.2	Proposed Site Plan & Profile			-	☐	☐
C-3.3	Proposed Site Plan & Profile			-	☐	☐
C-3.4	Proposed Site Plan & Profile			-	☐	☐
C-3.5	Proposed Site Plan & Profile			-	☐	☐
C-3.6	Proposed Site Plan & Profile			-	☐	☐
C-4.1	Intersections Details			-	☐	☐
C-4.2	Intersections Details			-	☐	☐
C-4.3	Intersections Details			-	☐	☐
C-4.4	Intersections Details			-	☐	☐
Exiting Conditions - Ave Las Nereidas						
EC-1.1	Existing Conditions AA			-	☐	☐
EC-1.2	Existing Conditions BB			-	☐	☐
EC-1.3	Existing Conditions CC			-	☐	☐
EC-1.4	Existing Conditions DD			-	☐	☐
EC-1.5	Existing Conditions EE			-	☐	☐
EC-1.6	Existing Conditions FF			-	☐	☐
EC-1.7	Existing Conditions GG			-	☐	☐
EC-1.8	Existing Conditions HH			-	☐	☐
EC-1.9	Exisiting Conditions II			-	☐	☐
EC-1.10	Existing Conditions JJ			-	☐	☐
EC-1.11	Exisiting Conditions KK			-	☐	☐
EC-1.12	Existing Conditions Photos			-	☐	☐
EC-1.13	Existing Conditions Photos			-	☐	☐

SHEET INDEX		Current Revision ID	Issue Name	Issued Date	Issued	Published
Architectural Renders - Ave. Las Nereidas						
A-0.0	Architectural Renders			-	☐	☐
Architectural Floor Plans - Ave. Las Nereidas						
A-0.1	Site Plan			-	☐	☐
A-1.1	Demolition Partial Plan AA			-	☐	☐
A-1.2	Demolition Partial Plan BB			-	☐	☐
A-1.3	Demolition Partial Plan CC			-	☐	☐
A-1.4	Demolition Partial Plan DD			-	☐	☐
A-1.5	Demolition Partial Plan EE			-	☐	☐
A-1.6	Demolition Partial Plan FF			-	☐	☐
A-1.7	Demolition Partial Plan GG			-	☐	☐
A-1.8	Demolition Partial Plan HH			-	☐	☐
A-1.9	Demolition Partial Plan II			-	☐	☐
A-1.10	Demolition Partial Plan JJ			-	☐	☐
A-1.11	Demoltion Partial Plan KK			-	☐	☐
A-2.1	Proposed Partial Plan AA			-	☐	☐
A-2.2	Proposed Partial Plan BB			-	☐	☐
A-2.3	Proposed Partial Plan CC			-	☐	☐
A-2.4	Proposed Partial Plan DD			-	☐	☐
A-2.5	Proposed Partial Plan EE			-	☐	☐
A-2.6	Proposed Partial Plan FF			-	☐	☐
A-2.7	Proposed Partial Plan GG			-	☐	☐
A-2.8	Proposed Partial Plan HH			-	☐	☐
A-2.9	Proposed Partial Plan II			-	☐	☐
A-2.10	Proposed Partial Plan JJ			-	☐	☐
A-2.11	Proposed Partial Plan KK			-	☐	☐
Architectural Blow-Ups - Ave. Las Nereidas						
A-3.1	Crosswalk "A" Floor Plan and Sections			-	☐	☐
A-3.2	Crosswalk "B" Floor Plan and Sections			-	☐	☐
A-3.3	Crosswalk "C" Floor Plan and Sections			-	☐	☐
A-3.4	Crosswalk "E" Floor Plan and Sections			-	☐	☐
Electrical - Ave. Las Nereidas						
E-1.7	Site Plan - Area A			-	☐	☒
E-1.8	Site Plan - Area B			-	☐	☒
E-1.9	Site Plan - Area C			-	☐	☒
E-1.10	Site Plan - Area E			-	☐	☒
E-1.11	Site Plan - Area F			-	☐	☒
E-1.12	Site Plan - Area G			-	☐	☒
E-2.1	Legend, Notes, Schedules & Details			-	☐	☒
E-2.2	Electrical One Line Diagram & Details			-	☐	☒

Revit	CAD	Change Name	Date

ERBA
ARQUITECTURA
ARCHITECTURE
RUTE 20A
PO BOX 1982
BAYAMON PR 00960-1982
787.269.2100

Certificacion:
Yo, Eugenio M. Ramirez Bellisario, arquitecto licenciado, numero de licencia 13726 certifico que soy el profesional que diseño estos planos, y que estos cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Publicas con jurisdicción. Certifico, además, que en la presentacion de estos planos y especificaciones se ha cumplido con la ley para la Investigación de Prácticas Ilegales en la Profesión de 2004, según enmendada, conocida como la "Ley para la Investigación de Prácticas Ilegales en la Profesión de Arquitectura" de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 1976, según enmendada, conocida como la "Ley de Arquitectura" y la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, conocida como la "Ley de Ingeniería". Declaro además que no hay producido declaración falsa o falsificación de los hechos que se hayan producido por descuido, con mala intención o por negligencia en ese acto mi, mi agente o empleado. Me hago responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Catastro: 720-033-008-86
ID # : #Project ID
Permit # : 22 / 22
2023-05-15 | 9:18

Client(s):
#Client1
#Address1
#Address2
Catano, #State

Drawing Name:
00 General - Ave. Las Nereidas
Render Site Plan

Drawing Scale: 1' = 1'-0"

Drawing Status:
DD - Design Development 60%

Layout ID:
G-1.0

Revision:

Modified by:

Checked by:

Approved by

S:\projects\000033-02-Catano_Avenida Las Nereidas-Phase\dwg-en-trbcad\Design Development Phase 60%\Catano_Avenida Las Nereidas-Phase 20230512 1749.pln

GENERAL CONSTRUCTION NOTES:

1. THE DRAWINGS AND SPECIFICATION NOTES COMPLY, TO THE BEST OF OUR KNOWLEDGE, WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH US THE TERRITORY OF PUERTO RICO.

2. ALL WORK SHALL COMPLY WITH THE PROVISIONS OF THE PUERTO RICO BUILDING CODE AND ALL APPLICABLE ORDINANCES AND PROVISIONS.

4. ALL WORK SHALL COMPLY WITH THE PROVISIONS OF THE LOCAL BUILDING CODE AND ALL APPLICABLE ORDINANCES AND PROVISIONS

5. THE CONTRACTOR SHALL SUBMIT A COMPLETE CONSTRUCTION SCHEDULE TO THE OWNER, WHICH COORDINATES ALL WORK WITH SUPPLIERS, SUB-CONTRACTORS AND SPECIALTY CONTRACTORS WITH THE FINAL BID.

6. IN ORDER TO START CONSTRUCTION, THE CONTRACTOR SHALL PREVIOUSLY OBTAIN AND PAY FOR ALL REQUIRED CONSTRUCTION PERMITS AND FEES, PROVIDE A SIGN ON-SITE WITH CONSTRUCTION PERMIT NUMBER AND INFORMATION, PER OMPU & OGPE REQUIREMENTS. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION THE GENERAL CONTRACTOR IS TO PROVIDE THE OWNER WITH A CONSTRUCTION SCHEDULE AND A COPY OF THE PERMIT.

7. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL NECESSARY CERTIFICATES OF INSURANCE, WORKMEN'S COMPENSATION, WITH THE DEPARTMENT OF BUILDINGS, PAY ALL APPLICABLE FEES, AND PROVIDE ANY AND ALL BONDS REQUIRED BY ANY CITY AGENCY IN ORDER TO DO THE WORK HEREIN DESCRIBED. CONTRACTOR SHALL SECURE AND KEEP IN FORCE FOR THE DURATION ON THE PROJECT ALL REQUIRED PROPERTY AND LIABILITY INSURANCE COVERAGE

8. THE CONTRACTOR SHALL SECURE ALL CERTIFICATES OF INSPECTION AND OF OCCUPANCY THAT MAY BE REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER THE WORK

9. EACH CONTRACTOR & SUBCONTRACTOR SHALL CARRY PUBLIC LIABILITY, PROPERTY DAMAGE AND WORKMAN'S COMPENSATION INSURANCE AND SHALL PROVIDE OWNER WITH A VALID CERTIFICATE.

10. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE RULES, REGULATIONS, AND PROCEDURES OF THE OWNER, THE BEST TRADE PRACTICES, AND GOVERNMENTAL AUTHORITIES HAVING JURISDICTION OVER THE WORK INCLUDING, BUT NOT LIMITED TO, "PROJECT LOCATION CITY/COUNTY" DEPARTMENT OF BUILDINGS, THE BOARD OF FIRE UNDERWRITERS, THE HIGHLAND PARK FIRE DEPARTMENT, AND OSHA.

11. THE ARCHITECT AND ENGINEER DO NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR OR ANY OTHER PERSONS PERFORMING WORK OR FAILURE OF ANY OF THEM TO CARRY OUT WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

12. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS.

13. PLUMBING AND ELECTRICAL WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADES, WHO SHALL ARRANGE FOR AND OBTAIN INSPECTIONS AND REQUIRED SIGN-OFFS.

14. THE CONTRACTOR SHALL PROVIDE ADEQUATE WEATHER PROTECTION FOR THE BUILDING AND ITS CONTENTS DURING THE COURSE OF WORK. ALL OPENINGS IN ANY WALL OR ROOF SHALL BE PROTECTED FROM ALL FORMS OF WEATHER OR WATER PENETRATION.

15. ALL CONTRACTORS SHALL PROTECT THE WORK OF OTHER TRADES. ANY & ALL CONFLICTS BETWEEN TRADES ARE TO BE COORDINATED BY THOSE TRADES AND NOTIFICATION OF SUCH CONFLICTS MADE TO THE ARCHITECT AND THE OWNER. ANY DAMAGED WORK SHALL BE REPLACED BY THE CONTRACTOR CAUSING SAID DAMAGE (S) AT HIS EXPENSE.

16. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD, WHETHER OR NOT SPECIFICALLY NOTED, AND SHALL REPORT ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS TO THE ARCHITECT IN WRITING PRIOR TO STARTING WORK.

17. THE CONTRACTOR SHALL EXAMINE ALL AREAS IN WHICH WORK IS TO BE CONSTRUCTED AND SHALL REPORT ANY SUCH WORK WHICH IS NOT IN SUITABLE CONDITION TO RECEIVE WORK UNDER THIS CONTRACT. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE CONDITION OF THE FINISHED WORK AFTER THE WORK UNDER THIS CONTRACT IS STARTED.

18. THE CONTRACTOR SHALL VISIT THE JOB SITE AND SHALL VERIFY ARCHITECT'S DIMENSIONS AND DETAILS PRIOR TO INITIAL BID SUBMITTAL. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY ERRORS, OMISSIONS, DISCREPANCIES AND/OR CONFLICTS IN CONSTRUCTION DOCUMENTS, BEFORE BID SUBMITTAL, WHICH WOULD INTERFERE COMPLETION OF THIS WORK OR WHICH WOULD AFFECT THE BID PRICE. ALL DISCREPANCIES NOT BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER PRIOR TO FINAL BID SUBMITTAL SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER

19. DO NOT SCALE DRAWINGS. ALL PLAN DIMENSIONS TAKE PRECEDENCE OVER THE SCALING OF THE PLANS. THE DIMENSIONS ARE CALCULATED AND ANNOTATED BY COMPUTER AND ROUNDED TO THE NEAREST INCH. LOCATING PARTITIONS TO CENTERLINE OF MULLIONS (WHERE APPLICABLE) SHALL TAKE PRECEDENCE OVER GIVEN DIMENSIONS.

20. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER CONSTRUCTION OF ANY PART OF WORK, SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS.

21. ALL WORK SHALL BE LIMITED TO THAT SHOWN ON THE PERMIT DOCUMENTS. NO ADDITIONAL WORK SHALL BE DONE WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER AND ARCHITECT. ANY ADDITIONAL WORK PERFORMED WITHOUT THIS CONSENT SHALL BE DONE AT THE CONTRACTOR'S SOLE EXPENSE. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR NOTED.

22. CONTRACT DRAWINGS ARE PARTLY DIAGRAMMATIC. THEY ARE INTENDED TO SHOW THE SCOPE OF THE WORK, GENERAL SIZE AND ARRANGEMENT OF EQUIPMENT AND THEIR APPROXIMATE LOCATIONS. SOME CONNECTIONS AND ACCESSORIES HAVE BEEN OMITTED FOR CLARITY. THIS DOES NOT RELIEVE THE CONTRACTOR FROM PROVIDING ALL CONNECTIONS AND ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE AND READY TO OPERATE AND ACCEPTABLE TO THE ARCHITECT.

23. ALL DRAWINGS AND SPECIFICATIONS REFER TO EACH OTHER AND MUST BE REVIEWED TOGETHER.

24. CONTRACTOR IS TO NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS IN THE DRAWINGS OR SPECIFICATIONS, AND ARCHITECT IS TO MAKE THE FINAL DETERMINATION.

25. THE CONTRACTOR SHALL LAY OUT HIS OWN WORK AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES (PLUMBING, ELECTRICAL, ETC.).

26. THE CONTRACTOR SHALL DO ALL CUTTING, FITTING, OR PATCHING OF WORK THAT MAY BE REQUIRED TO MAKE ALL WORK COME TOGETHER PROPERLY AND FIT TO RECEIVE, OR BE RECEIVED BY, WORK OF OTHER CONTRACTORS SHOWN UPON OR REASONABLY IMPLIED BY THE DRAWINGS AND NOTES.

27. DO NOT CUT AND PATCH STRUCTURAL ELEMENTS IN A MANNER THAT WOULD REDUCE THEIR LOAD-CARRYING CAPACITY OR LOAD-DEFLECTION RATIO.

28. NO STRUCTURAL MEMBER SHALL BE NOTCHED, CUT, ALTERED OR MOVED IN ANY WAY WITHOUT PREVIOUS WRITTEN AUTHORIZATION FROM ARCHITECT OR STRUCTURAL ENGINEER. THERE SHALL BE NO PENETRATIONS IN PRE-STRESSED BEAMS OR JOISTS AND NO DRILLING OR SHOOTING HANGERS OR PINS IN PRE-STRESSED BEAMS OR PRE-CAST JOISTS.

29. OBTAIN APPROVAL FROM OWNER BEFORE CUTTING AND PATCHING THE FOLLOWING OPERATING BUILDING ELEMENTS OR SAFETY RELATED SYSTEMS: PRIMARY OPERATIONAL SYSTEMS AND EQUIPMENT, AIR OR SMOKE BARRIERS, FIRE PROTECTION SYSTEMS, CONTROL SYSTEMS, COMMUNICATION SYSTEMS, AND ELECTRICAL WIRING SYSTEMS.

30. THE GENERAL CONTRACTOR, SUB-CONTRACTORS AND ALL VENDORS ARE TO VERIFY ALL CLEARANCES (CORRIDORS, STAIRS, ELEVATORS, ETC.) REQUIRED FOR DELIVERIES, PASSAGE OF ALL JOB MATERIALS OR EQUIPMENT. THE OWNER'S PROJECT MANAGER SHALL BE INFORMED OF ANY POTENTIAL OR ACTUAL PROBLEMS WHICH, IN ANY WAY, MIGHT AFFECT WORK, SCHEDULING, ANY VENDORS, SUBCONTRACTORS, ETC. INCLUDING AFTER HOURS DELIVERIES IMPOSED BY LANDLORD.

31. GENERAL CONTRACTOR SHALL HAVE A SUPERVISOR / SUPERINTENDENT WHO IS AT THE JOB SITE AT ALL TIMES WHILE WORK IS BEING DONE AND A PROJECT MANAGER DEDICATED TO THE PROJECT FOR THE DURATION OF THE CONSTRUCTION PROCESS.

32. THE CONTRACTOR SHALL PROVIDE AT KICK OFF MEETING THE NAMES OF HIS PROJECT MANAGER, FIELD SUPERINTENDENT AND OTHER KEY FIELD PERSONNEL.

33. THE CONTRACTOR CANNOT REPLACE, EXCEPT FOR TERMINATION OF EMPLOYMENT OR RESIGNATION THE PROJECT MANAGER OR FIELD SUPERINTENDENT WITHOUT THE WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE. THE CONTRACTOR MUST NOTIFY THE OWNER IN WRITING OF HIS INTENT TO REPLACE THE PROJECT MANAGER OR FIELD SUPERINTENDENT, AND PROVIDE REASONS FOR THIS CHANGE. THE OWNER RESERVES THE RIGHT TO DISAPPROVE OF THE PROPOSE REPLACEMENT.

34. THE ARCHITECT/CLIENT RESERVES THE RIGHT TO HAVE THE GENERAL CONTRACTOR'S FIELD SUPERINTENDENT OR PROJECT MANAGER REMOVED FROM THE JOB IF SAID PERSON IS IN ANYWAY JEOPARDIZING THE PROJECT WITH APPROVAL OF THE OWNER.

35. IN THE CASE OF TERMINATION OF EMPLOYMENT OR RESIGNATION, THE CONTRACTOR MUST NOTIFY THE OWNER IN WRITING AS TO WHO THE REPLACEMENT WILL BE. THE OWNER RESERVES THE RIGHT TO DISAPPROVE THE PROPOSED REPLACEMENT.

36. THE CONTRACTOR MUST NOTIFY THE OWNER IN WRITING WHEN OTHER KEY PERSONNEL WILL BE REPLACED.

37. PROVIDE AND MAINTAIN AT A CONVENIENT LOCATION WITHIN THE JOB SITE, A COMPLETE SET OF THE SIGNED AND SEALED PERMIT DOCUMENTS INCLUDING ALL THE LATEST SHOP DRAWINGS, ADDENDUMS, REVISIONS AND SUPPLEMENT SHEETS FOR REFERENCE AND COORDINATION FOR CONSTRUCTION.

38. THE GENERAL CONTRACTOR WILL ENSURE PROPER SUPERVISION AND MAKE SURE CONSTRUCTION EQUIPMENT AND MATERIALS ARE STORED AND PLACED SO AS NOT TO ENDANGER THE PUBLIC, THE WORKERS OR ADJOINING PROPERTY FOR THE DURATION OF THE CONSTRUCTION PROJECT AND THAT EQUIPMENT AND MATERIALS ARE NOT STORED IN ELECTRICAL AND MECHANICAL ROOMS DURING CONSTRUCTION.

39. THE GENERAL CONTRACTOR WILL ENSURE ALL EXIT ACCESS AND EXITS ARE TO REMAIN CLEAR AND UNOBSTRUCTED DURING CONSTRUCTION. NO PORTION OF CORRIDORS CAN BE BLOCKED AT ANY TIME DURING CONSTRUCTION FOR MATERIALS STORAGE PURPOSES OR FOR ANY OTHER REASON. EXIT SIGN SHALL REMAIN VISIBLE IN CASE OF EMERGENCY.

40. ALL WORK IS TO CONFORM TO PERMIT DRAWINGS AND SPECIFICATIONS. ANY CONDITIONS IN THE FIELD AFFECTING THE DESIGN CONCEPT ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID SUBMITTAL.

41. CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL WORK WITH SUPPLIERS, SUBCONTRACTORS AND SPECIALTY CONTRACTORS.

42. EXPEDITE THE PURCHASE OF "LONG LEAD" MANUFACTURED ITEMS TO ASSURE PROMPT DELIVERY AND INSTALLATION. THE CONTRACTOR SHALL PURCHASE, COORDINATE & INSTALL ALL APPLIANCES AND EQUIPMENT UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PERMIT DRAWINGS. SPECIFICATIONS AND INSTALLATIONS METHODS PROVIDED BY MANUFACTURE SHALL BE STRICTLY FOLLOWED AND ARE HEREWITH MADE A PART OF THESE DOCUMENTS.

43. CONTRACTOR SHALL COORDINATE ALL OWNER FURNISHED AND INSTALLED ITEMS. VERIFY ITEMS PRIOR TO BID SUBMITTAL.

44. PROVIDE ALL NECESSARY ELECTRICAL OR MECHANICAL EQUIPMENT MAINTENANCE AND INSTRUCTION MANUALS TO THE OWNER FOR REVIEW.

45. CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR ARRANGING HOISTING FACILITIES FOR HANDLING MATERIALS.

46. ALL BUILDING RESTROOMS ARE NOT TO BE USED BY CONSTRUCTION PERSONNEL. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE FOR SUCH SERVICES IN THE GENERAL CONDITIONS OF THEIR BID.

47. ALL WORKMAN WILL USE DESIGNATED ENTRANCE DOORS FOR ENTERING OR LEAVING THE BUILDING. ALL MATERIALS AND/OR DELIVERIES SHALL BE THROUGH THESE ENTRANCES. SPECIAL PERMISSION, BY THE OWNER, SHALL BE REQUIRED TO USE ANY OTHER ENTRANCES.

48. ALL WOOD IN CONTACT W/ MASONRY OR CONCRETE SHALL BE PRESSURE TREATED.

49. ALL SPECIFIED MATERIALS SHALL BE NEW OF QUALITY SPECIFIED AND DELIVERED IN AMPLE QUANTITY TO THE JOB SITE TO PREVENT DELAY OF WORK.

50. PATCH & REPAIR ALL WALLS & COLUMN WHERE DEMOLITION HAS DAMAGED SAME.

51. GYPSUM WALLBOARD (GWB) JOINTS SHALL BE TAPED/SPACKLED LEVEL AND PROPERLY PREPARED TO RECEIVE SPECIFIED FINISH MATERIALS. EXTERIOR CORNERS SHALL RECEIVE METAL CORNER REINFORCING BEADS AND BE SPACKLED IN CONVENTIONAL METHOD. NO HORIZONTAL GWB JOINTS SHALL BE ACCEPTED UNLESS APPROVED BY THE LANDLORD\ OWNER. BUTTED, UNTAPERED GWB JOINTS OR BULGING AND UNEVEN FINISHED GWB WILL NOT BE ACCEPTED. FULL HEIGHT GWB SHEETS SHALL BE USED THROUGHOUT FOR FULL HEIGHT CONSTRUCTION.

52. WATERPROOF BOARD SHALL BE PROVIDED IN RESTROOM AREAS AND SINK AREAS. ALL EXISTING GWB SHALL BE CAREFULLY EXAMINED TO ASSURE THEIR INSTALLATION SATISFIES THE ABOVE REQUIREMENTS. REMEDIAL WORK, NECESSARY TO UPGRADE SAID SURFACES SHALL BE INCLUDED IN BID PRICE.

53. G.C TO PROVIDE AND PERFORM A FLOOD TEST ON THE WATERPROOF MEMBRANE PRIOR TO INSTALLATION OF TILE OR STONE FINISH MATERIAL ON TOP OF WATERPROOFING MEMBRANE. NOTIFICATION AND ATTENDANCE IS REQUIRED BUT NOT LIMITED TO GENERAL CONTRACTOR, ARCHITECT, WATERPROOFING CONTRACTOR, AND OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL. IF TESTING FAILS AND REPAIRS ARE MADE TO WATERPROOFINGS SYSTEM, IT WILL BE NECESSARY TO CONDUCT ANOTHER FLOOD TEST TO ENSURE COMPLETE WATERPROOF INTEGRITY IS ACHIEVED PRIOR TO ANY FINISH MATERIAL INSTALLATION.

54. ALL CHANGE ORDERS SHALL BE IN WRITING AND SHALL BE SIGNED BY OWNER AND ARCHITECT.

55. NOISE SHALL BE KEPT TO A MINIMUM. ALL SHOOTING OF HILTE GUNS OR SIMILAR NOISE PRODUCING MACHINERY THAT MAY DISTURB GUESTS AND OR TENANTS SHALL BE DURING TIMES AS SPECIFIED BY THE OWNER

56. WHERE TWO METALS ARE AFFIXED TO EACH OTHER, THE GENERAL CONTRACTOR WILL PROVIDE THE NECESSARY INSULATION MATERIAL SO THAT NO VIBRATION OR NOISE IS TRANSMITTED BETWEEN THE METALS.

57. GC AND ALL SUB CONTRACTORS TO USE DIELECTRIC SEPARATOR ON ALL DISSIMILAR METALS.

58. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION AGAINST THE WEATHER AS TO MAINTAIN THE WORK, MATERIALS, APPARATUS AND FIXTURES FREE FROM INJURY OR DAMAGE. ANY WORK DAMAGED BY FAILURE OF THE CONTRACTOR TO PROVIDE PROTECTION SHALL BE REMOVED AND REPLACED WITH NEW WORK AT CONTRACTORS EXPENSE.

59. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL ELEMENTS WHICH HAVE NOT BEEN DESIGNED OR ENGINEERED IN THESE DRAWINGS.

60. CONTRACTOR SHALL, PRIOR TO SUBMITTING A SHOP DRAWING TO THE PROPERTY OR PROJECT OWNER, REVIEW EACH SUCH SUBMISSION FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND OPERATIONS OF CONSTRUCTION, AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR; APPROVE EACH SUCH SUBMISSION BEFORE SUBMITTING IT; AND SO STAMP EACH SUCH SUBMISSION BEFORE SUBMITTING IT. DESIGN PROFESSIONAL SHALL ASSUME THAT NO SHOP DRAWING OR RELATED SUBMITTAL COMPRISES A VARIATION UNLESS CONTRACTOR ADVISES DESIGN PROFESSIONAL OTHERWISE VIA A WRITTEN INSTRUMENT WHICH IS ACKNOWLEDGED BY DESIGN PROFESSIONAL IN WRITING. THE SHOP DRAWINGS AND RELATED MATERIAL (IF ANY) CALLED FOR ARE INDICATED BELOW. IN THE EVENT THAT DESIGN PROFESSIONAL WILL REQUIRE MORE THAN TEN (10) WORKING DAYS TO PERFORM REVIEW, DESIGN PROFESSIONAL SHALL SO NOTIFY CONTRACTOR.

61. THE CONTRACTOR SHALL INCLUDE ALL TEMPORARY UTILITIES (IF APPLICABLE) INCLUDING ELECTRICITY, WATER AND TELEPHONE IN HIS BIDS AND PROVIDE ALL TEMPORARY UTILITIES, CLOSURES, SHORING AND PROTECTION REQUIRED FOR THE SAFE COMPLETION OF THE WORK.

62. THE GENERAL CONTRACTOR AND ANY INDEPENDENT SUBCONTRACTORS HIRED BY THEM SHALL EXERCISE DUE CARE AND SKILL IN PERFORMING ALL WORK WITH REGARDS TO THIS PROJECT.

63. ALL WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER AND IN ACCORDANCE WITH ALL GOVERNING BODIES, RULES, AND REGULATIONS. REMOVE RUBBISH AND DEBRIS DAILY, LEAVE JOB CLEAN UPON COMPLETION OF WORK, INCLUDING CLEANING OF HARDWARE, FIXTURES, AND GLASS, AND REMOVING OF STAINS, DUST, DIRT, AND PAINT, AND POLISHING OF ALL FINISHED FLOORS AND CABINETRY.

64. ONCE THE SPACE IS COMPLETED AND ACCEPTED THE GENERAL CONTRACTOR SHALL SUBMIT AS-BUILT PLANS OF THE SPACE TO THE ARCHITECT WHICH INCLUDES THE ELECTRICAL CONTRACTOR'S AS-BUILT PLANS. A SET OF REPRODUCIBLE VELLUMS SHALL ALSO BE SUBMITTED AS MARKUPS WITH DIMENSIONS TO THE OWNER.

65. THE CONTRACTOR SHALL AND DOES HEREBY WARRANT AND/OR GUARANTY THAT ALL MOVEABLE OR ADJUSTABLE WORK SHALL REMAIN IN PERFECT WORKING ORDER, INCLUDING HARDWARE, WEATHERSTRIPPING, DOORS, WINDOWS, DRAWERS, APPARATUS, MACHINERY, ELECTRICAL EQUIPMENT, AND ALL OTHER EQUIPMENT TO WHICH THIS HEADING IS APPLICABLE, FOR A PERIOD OF ONE YEAR FROM DATE OF COMPLETION AS EVIDENCED BY THE DATE OF FINAL ACCEPTANCE OF THIS WORK.

66. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR RE-DOING ANY WORK THAT FAILS TO CONFORM TO THE DRAWINGS AND DETAILS AS SHOWN IN THESE CONSTRUCTION DOCUMENTS, AND CORRECT ANY DEFECTS DUE TO FAULTY MATERIALS AND WORKMANSHIP WHICH APPEAR WITHIN ONE YEAR FROM DATE OF MOVE-IN. THESE PROVISIONS APPLY, ALSO, TO WORK DONE BY DIRECT EMPLOYEES OF THE CONTRACTOR, SUB-CONTRACTORS OR VENDERS. NOTHING IN THE ABOVE INTENDS OR IMPLIES THAT THIS GUARANTY SHALL APPLY TO WORK WHICH HAS BEEN ABUSED OR NEGLECTED BY THE OWNER OR HIS SUCCESSOR IN INTEREST.

67. ALL NEW DOOR OPENINGS TO BE 36" WIDE TYPICAL (OR LARGER) UNLESS OTHERWISE NOTED.

68. ALL REMAINING CONSTRUCTION SHALL BE PATCHED TO MATCH ADJACENT SURFACES AFTER DEMOLITION WHERE REQUIRED. THE GENERAL CONTRACTOR SHALL FLASH PATCH ALL CRACKS, HOLES, AND OTHER IMPERFECTIONS (PROJECTIONS SHALL BE REMOVED AND PATCHED) TO PROVIDE A CONTINUOUS SMOOTH SURFACE FOR THIS WORK.

69. WHERE FIRE PROTECTION OR SEPARATIONS ARE BEING REMOVED CONTRACTOR SHALL PROVIDE TEMPORARY RATED CONSTRUCTION TO MATCH EXISTING RATING IN ORDER THAT CURRENTLY OCCUPIED SPACES WILL NOT BE EXPOSED TO ANY INCREASED HAZARD OF FIRE OR SMOKE SPREAD.

70. THE CONTRACTOR SHALL AT ALL TIMES PROTECT THE PROPERTY OF THE BUILDING AND OWNER. THE CONTRACTOR SHALL PROTECT ALL EXISTING CONDITIONS TO REMAIN FROM DAMAGE AND SOILING DURING THE CONSTRUCTION PERIOD. ANY DAMAGED OR SOILED ITEMS SHALL BE RESTORED TO "LIKE NEW CONDITION" AT NO COST TO THE OWNER. IT IS THE INTENT OF THIS CONTRACT THAT THE ENTIRE AREA WITHIN THE CONTRACT LIMITS SHALL BE IN A "LIKE NEW CONDITION" AND THAT ANY DAMAGE TO OTHER AREAS CAUSED BY THIS CONSTRUCTION WORK SHALL BE REPAIRED AND RESTORED BEFORE ACCEPTANCE BY THE OWNER.

71. THE CONTRACTOR SHALL FURNISH A SYSTEM OF TEMPORARY LIGHTS THROUGHOUT THE SPACES UNDER CONSTRUCTION AS REQUIRED TO MAINTAIN MINIMUM SAFE LIGHTING LEVELS.

72. ALL HEIGHTS NOTED A.F.S. (ABOVE FINISHED SLAB) SHALL BE ABOVE A SINGULAR 0'-0" DATUM POINT AT THE HIGH POINT OF THE EXISTING CONCRETE FLOOR SLAB OR OTHER POINT DETERMINED BY THE ARCHITECT IN THE FIELD. THE GENERAL CONTRACTOR SHALL PROVIDE A TEMPORARY MEASURING LINE AT 5'-0" A.F.S.. THE ARCHITECT SHALL INSPECT THIS LINE PRIOR TO ITS USE IN ESTABLISHING HEIGHTS.

73. THE LAYOUT OF PARTITIONS AND OPENINGS SHALL BE VERIFIED BY THE ARCHITECT PRIOR TO SECURING FLOOR CHANNELS. ARCHITECTS VERIFICATION DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY IN CONFORMING WITH THE CONTRACT DOCUMENTS.

74. GC TO PROVIDE LAYOUT OF WALLS, WITH SNAPPED LINES, FOR REVIEW AND APPROVAL BY ARCHITECT AND OWNER. GC TO CONFIRM LAYOUTS PROVIDE CODE REQUIRED CLEARANCES WHERE NECESSARY.

75. THE CONTRACTOR SHALL COORDINATE THE SETTING OF ALL NECESSARY BLOCKING AS INFERRED, OR CALLED FOR, ON DRAWINGS.

76. THE CONTRACTOR SHALL REPLACE ANY CONCRETE CURB AND SIDEWALK THAT S CRACKED, SETTLED, RAISED OR IN DISREPAIR.

77. THE CONTRACTOR SHALL MAKE ALL REQUIRED ARRANGEMENTS FOR DELIVERING OF EQUIPMENT AND/OR MATERIALS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK AND COMPLY WITH THE RULES AND REGULATIONS GOVERNING THE WORK ON THE PREMISES. THE SCHEDULING AND TIME OF DELIVERY SHALL BE ESTABLISHED WITH THE PERSON HAVING JURISDICTION OVER THE PREMISES. OVERTIME CHARGES AND/OR ANY OTHER NECESSARY EXPENSES SHALL BE PAID BY THE CONTRACTOR REQUIRING THE SERVICE.

78. CONTRACTOR TO REQUEST SERVICE SHUT DOWNS AND FIRE PROTECTION DEVICE DISCONNECTS THREE (3) DAYS IN ADVANCE TO THE OWNER. CONTRACTOR MUST FILL OUT STANDARD REQUEST FORMS.

79. SUBSTITUTION: CONTRACTOR IS TO SUPPLY ALL EQUIPMENT AND MATERIALS AS DESCRIBED BY THE DRAWINGS. IF SUBSTITUTIONS ARE RECOMMENDED THEY MUST BE SUBMITTED FOR REVIEW BY THE ARCHITECT AND THE OWNER.

80. ALL WORK THAT IS EITHER IMPLIED OR REASONABLY INFERABLE FROM THE DRAWINGS AND SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE INCLUSION OF ANY WORK BY MENTION, NOTE, DETAIL, ITEMIZATION OR IMPLICATION, HOWEVER BRIEF, MEANS THAT THE CONTRACTOR SHALL FURNISH AND INSTALL SAME. ALL WORK PERFORMED SHALL INCLUDED ALL APPURTENANCES AND APPARATUS NORMALLY DEEMED TO BE A PART OF A COMPLETED PACKAGE WITHIN THE DEFINITIONS OF NORMAL INDUSTRY STANDARDS.

81. THE TERM N.I.C. IS INTENDED TO MEAN "NOT IN CONTRACT."

82. THE GENERAL CONTRACTOR SHALL COORDINATE THE WORK OF ALL OTHER CONTRACTS INCLUDING ELECTRICAL, COMMUNICATIONS, AND PLUMBING AND ANY ITEMS THAT ARE N.I.C.

83. NEW MATERIAL STUD PARTITIONS (STUDS TO BE 16" O.C. AND RUN THE UNDERSIDE OF FLOOR ABOVE) WITH 5/8" SHEET ROCK "FIRE CODE 60" BOTH SIDES, B.S. AND A. CAL. # 171-52 SM.

84. REMOVE EXISTING PARTITIONS WHERE SHOWN ON PLANS, PATCH AND REPAIR FLOOR, WALLS, CEILINGS, ETC. AS REQUIRED TO MATCH ADJACENT SURFACES AND/OR AS DIRECTED ON PLANS.

85. CONTRACTOR TO DO ALL CUTTING, PATCHING, AND REPAIRING AS REQUIRED TO PERFORM ALL THE WORK INDICATED ON THE DRAWINGS AND ALL OTHER WORK AS MAY BE REQUIRED TO COMPLETE THE JOB.

86. PATCH AND REPAIR ALL EXISTING WORK, CEILINGS, MOLDINGS, WALLS, BASE, FLOORS, ELECTRICAL AND PLUMBING WHERE DAMAGED BY NEW WORK.

87. ALL DIMENSIONS ARE FINISH TO FINISH, WALLS AND PARTITIONS, UNLESS OTHERWISE NOTED.

Date
Rev/ID | CHD | Change Name

ERBA ARQUITECTOS
PSCA 284
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Certificacion:
Yo, Eugenio M. Barrutia Bellisario, arquitecto, licenciado, numero de licencia 13795 certifico que soy el profesional que diseño estos planos y especificaciones que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Publicas con jurisdicción. Certifico, además, que en la presentación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión en la Industria de la Construcción, la cual fue enmendada, conocida como la "Ley para la Inversión en la Industria de la Construcción", Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley de Arquitectura y Arquitectos", Ley Núm. 173 de 12 de mayo de 1938, según enmendada, Ley Núm. 76 de 6 de julio de 2004, según enmendada, y la Ley Núm. 119 de 30 de junio de 1976, según enmendada. Ley Núm. 76 de 6 de julio de 2004, según enmendada. Ley Núm. 76 de 6 de julio de 2004, según enmendada. Ley Núm. 76 de 6 de julio de 2004, según enmendada. Ley Núm. 76 de 6 de julio de 2004, según enmendada. Ley Núm. 76 de 6 de julio de 2004, según enmendada. Ley Núm. 76 de 6 de julio de declaración falsa o falsificación de los hechos que se haya producido por negligencia ya sea por mi, mis empleados o personas bajo mi supervisión, podrá ser sancionado con la suspensión o revocación de mi licencia profesional, sin perjuicio de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
#Client Name 1
#Client Name 2
#Client Name 3
Project Info:
Cadastre: 720-033-008-88
#Site Address 1
#Site Address 2
#Site Address 3
Drawing Name:
00 General - Ave. Las Nereidas
Drawing Scale:
Drawing Status:
DD - Design Development 60%
Layout ID:
G-2.1
Revision:
Modified by:
Checked by:
Approved by
Catano , #Site State
Autoridad de Asociaciones Público Privadas
Catano , Autoridad de Asociaciones Público Privadas
#Client City | PR
2023-04-28 | 17:09

General Electrical Notes:

1.REFER TO ELECTRICAL ENGINEER DRAWINGS FOR MORE INFORMATION AND COORDINATION OF TRADES.

2.PROVIDE ALL WORK IN ACCORDANCE WITH THE ICC ELECTRICAL CODE.

3.PROVIDE PLYWOOD BACK-UP @ ALL SCONCE AND PENDANT LOCATIONS.

4.CONTRACTOR SHALL PROVIDE PLYWOOD BACK-UP AT ALL DOUBLE WIRE SYSTEM AND CHANDELIER CONNECTIONS AND ALL OTHER WALL AND/OR CEILING LOCATIONS AS REQUIRED. BACKUP SHALL SUPPORT A MINIMUM OF 300 LBS. CONTRACTOR TO COORDINATE WITH FF&E DECORATIVE LIGHTING SPECIFICATIONS AND APPROVED SHOP DRAWINGS FOR WEIGHT OF CHANDELIERS IN ORDER TO PROVIDE ADEQUATE BLOCKING AND ATTACHMENT TO STRUCTURE.

5.ALL CONDUIT AND WIRING SHALL BE CONCEALED WITHIN WALLS, CEILINGS, AND FLOORS WHERE FEASIBLE. OPEN UP BUILDING ELEMENTS TO INSTALL NEW CONDUIT TO REPLACE EXISTING EXPOSED CONDUIT AND "WIRE-MOLD".

6.PROVIDE ALL NEW LIGHTING FIXTURES AND RECEPTACLES, WHERE SHOWN. INTEGRATE SWITCHING CIRCUITS WITH EXISTING WHERE SHOWN OR REQUIRED.

7.CONTRACTOR TO CHECK THE LOCATION, NUMBER AND SIZE OF PARTITIONS AND CHASES PROVIDED ON THE PLANS AND COORDINATE WITH ARCHITECT AND GENERAL CONTRACTOR FOR ANY ADDITIONAL CLEARANCES OR CHASES REQUIRED FOR CABINETS OR BOXES.

8.CONDUIT MAY BE RUN THROUGH FACTORY-PUNCHED HOLES IN STUDS OR 1" DIAMETER PUNCHED HOLES.

9.USE SHALLOW BOXES AND OFFSET BOX SO THEY ARE NOT BACK TO BACK IN PARTITIONS BETWEEN HABITABLE ROOMS.

10.USE SHALLOW BOXES AT FURRED EXTERIOR WALLS.

11.GENERAL CONTRACTOR COORDINATE WITH MECHANICAL, PLUMBING, ELECTRICAL AND STRUCTURAL TRADES FOR EXACT LOCATIONS OF MOTORS AND EQUIPMENT IN ORDER TO AVOID INTERFERENCE.

12.PULL AND JUNCTION BOXES SHALL BE FLUSH TYPE IN FINISHED AREAS, UNLESS OTHERWISE NOTED. LOCATE JUNCTION AND PULL BOXES APPROXIMATELY WHERE INDICATED ON THE PLAN TO SUIT CONDUIT ENTRANCE, BUT IN ALL CASES, LOCATE TO AVOID INTERFERENCE WITH EQUIPMENT FROM OTHER TRADES AND LOCATE SO THAT COVERS ARE READILY ACCESSIBLE.

13.UNLESS OTHERWISE NOTED ON THE FLOOR PLANS OR FLOOR PLAN NOTES, INSTALL DEVICES AT FOLLOWING HEIGHTS: SWITCHES & C.L. OF INTERCOM STATIONS AT 4'-0" A.F.F.; OUTLETS 15" A.F.F., AND 6" ABOVE COUNTER.

14.ALL OUTLETS AT BATHROOMS, KICTHEN AND OUT DOOR PATIO TO BE GROUND FAULT INTERRUPTED. WIRE CIRCUITING RUNS PASSING THROUGH GFI OUTLETS SUCH THAT TRIPPING OF THE GFI OUTLETS DOES NOT INTERFERE WITH POWER OF THE OTHER DEVICES DOWNSTREAM.

15.ALL AFFECTED ELECTRICAL COMPONENTS, WIRING, FIXTURES, ETC. WITHIN THE RESIDENCE MUST BE EXAMINED BY A LICENSED ELECTRICIAN PRIOR TO INSTALLATION OF FINISHED SURFACES. A WRITTEN STATEMENT MUST BE PROVIDED BY THE ELECTRICIAN THAT ALL COMPLY WITH APPLICABLE CODES AND STANDARDS.

16.A LETTER MUST BE PROVIDED BY A LICENSED ELECTRICIAN INDICATING WHETHER OR NOT THE PROPOSED RENOVATIONS WILL OVERLOAD EXISTING ELECTRICAL SERVICE TO THE BUILDING.

17.POWER AND ELECTRICAL REQUIREMENTS TO BE COORDINATED WITH ELECTRICAL ENGINEER.

18.CONTRACTOR TO REFER TO ENGINEER DRAWINGS FOR LOCATION INFORMATION AND COORDINATION WITH LOCATION AND REQUIREMENTS FOR LIGHTING FIXTURES, EQUIPMENT, ETC.

19.ALL NEW POWER, TELE/DATA DEVICES AND COVERS AND OUTLETS TO BE WHITE, UNLESS OTHERWISE NOTED.

20.ALL SWITCHES AND CONTROLS TO BE GANGED.

21.COORDINATE ALL POWER, SWITCHING, TELE/DATA, WITH ELECTRICAL DRAWINGS

22.COORDINATE NEW DECORATIVE FIXTURES (FF&E, OFCI) WITH OWNER SUPPLIED FIXTURES AND MANUFACTURES INSTALLATION INSTURCTIONS

23.COORDINATE MECHANICAL EQUIPMENT ELECTRICAL REQUIRMENTS WITH MEP DRAWINGS.

GENERAL PLUMBING NOTES:

1. REFER TO PLUMBING ENGINEER DRAWINGS FOR MORE INFORMATION AND COORDINATION OF TRADES.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE PUERTO RICO BUILDING CODE.
3. ALL WORK SHALL BE PERFORMED IN A FIRST CLASS MANNER BY MEN SKILLED IN THEIR CRAFT.
4. PROVIDE CLEANOUTS EVERY FIFTY FEET OF RUN OF UNDERGROUND SOIL, WASTE AND STORM WATER LINES AND AT THE BASE OF ALL STACKS AND STORM WATER LEADERS AND ALL OFFSETS 45 DEGREES OR MORE.
5. ALL PIPING SHALL BE RUN PARALLEL OR PERPENDICULAR TO THE WALLS AND PARTITIONS AND SHALL RISE PERPENDICULAR TO THE FLOORS.
6. ALL EXPOSED PLUMBING PIPING SHALL BE CHROME PLATED IN KITCHEN, DINING AND TOILETS. PROVIDE STAINLESS STEEL ESCUTCHEONS WHEN PIPES PENETRATE WALLS
7. ALL HORIZONTAL RUNS OF PIPING SHALL BE PROPERLY SUPPORTED WITH ADJUSTABLE CLEVIS HANGERS SPACED SO THAT THERE IS NO SAGGING IN THE PIPING. ALL CHANGES IN SIZE OF PIPING SHALL BE MADE WITH REDUCING FITTINGS, DO NOT USE BUSHINGS.
8. ALL WATER SUPPLIES TO PLUMBING FIXTURES SHALL BE OVER THE RIM OR SHALL BE PROVIDED WITH APPROVED BACK FLOW PREVENTERS. FLUSH VALVES, HOSE BIBS, CAN WASHERS AND SERVICE SINKS SHALL BE PROVIDED WITH VACUUM BREAKERS.
9. HOT AND COLD WATER LINES SHALL BE TYPE L HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS. SOLDER USED SHALL BE LEAD FREE.
10. PROVIDE SHUT OFF VALVES IN ALL BRANCH WATER LINES AND BASE OF ALL RISERS. PROVIDE STOP VALVES AT ALL WATER CONNECTORS TO ALL KITCHEN AND PLUMBING FIXTURES. SHUT OFF VALVES SHALL BE BRONZE AND SHALL HAVE UNION BONNETS WITH RISING STEM AND SHALL BE OF DOMESTIC MANUFACTURE.
11. INSULATE ALL HOT WATER SUPPLY AND CIRCULATING LINES COLD AND FILTER WATER PIPING AND ANY HORIZONTAL RUNS OF STORM WATER (LEADER) PIPING WITH 1" THICK, 3 LB DENSITY FIBER GLASS INSULATION WITH FIRE RETARDANT VAPOR BARRIER JACKET. ALL JOINTS AND SEAMS SHALL BE SEALED VAPOR TIGHT. FITTINGS SHALL BE INSULATED WITH PERFORMED FIBER GLASS OF THE SAME THICKNESS AS THE PIPING AND COVERED WITH WHITE PVC PREFORMED JACKET. PROTECT INSULATION FROM CRUSHING AT EACH HANGER.
12. PROVIDE MECHANICAL TYPE SHOCK ABSORBERS OR 18 " LONG AIR CHAMBERS AT ALL HOT AND COLD WATER CONNECTERS TO PLUMBING FIXTURES. MECHANICAL TYPE SHOCK ABSORBERS REQUIRE ACCESS PANELS.
13. PROPER PROVISIONS SHALL BE MADE IN ALL PIPING RUNS FOR THERMAL EXPANSION OF PIPING AND BRACED FOR EARTHQUAKE RESISTANCE.
14. CONTRACTOR SHALL DO THEIR OWN CUTTING AND ROUGH PATCHING.
15. ALL CONNECTIONS TO DISSIMILAR METALS SHALL BE MADE WITH DIELECTRIC FITTINGS.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, PROCEDURES, TECHNIQUES AND SEQUENCES OF CONSTRUCTION OF HIS WORK AND SHALL BE RESPONSIBLE FOR ALL NECESSARY AND REQUIRED SAFETY PRECAUTIONS.
17. CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING TO OBSERVE ALL CONDITIONS THAT MAY AFFECT HIS WORK. CONTRACTOR SHALL TAKE ALL MEASUREMENTS IN THE FIELD, DO NOT SCALE DRAWINGS. IT IS THE INTENT THAT THE CONTRACTOR IS TO PROVIDE A JOB COMPLETE IN ALL RESPECTS, PROVIDING ALL NECESSARY APPURTENANCES, VALVES, FITTINGS, ETC.
18. CONTRACTOR SHALL COORDINATE HIS WORK WIITH THE OTHER TRADES SO AS TO AVOID CONFLICTS BETWEEN TRADES AND SPEED THE PROGRESS OF THE JOB.
19. PLUMBING SYSTEM SHALL BE INSPECTED BY THE CITY AND CERTIFICATE OF APPROVAL OBTAINED.

FINISH NOTES:

1. REFER TO FINISH SCHEDULE AND MATERIALS LIST FOR ADDITIONAL INFORMATION
2. ALL ITEMS SUPPLIED BY G.C., UNLESS NOTED OTHERWISE IN REMARKS ON FINISH SCHEDULE
3. PROVIDE SAMPLE FOR ARCHITECT'S AND INTERIOR DESIGNER APPROVAL PRIOR TO INSTALLATION
4. FINISH WORK SHALL BE SMOOTH, FREE FROM ABRASION, TOOL MARKS. RAISED GRAIN, ETC. ON EXPOSED SURFACE.
5. ALL FASTENINGS AND ATTACHMENTS SHALL BE FULLY CONCEALED FROM VIEW.
6. USE MATERIALS THAT ARE IDENTICAL TO EXISTING MATERIALS. IF IDENTICAL MATERIALS ARE NOT AVAILABLE OR CANNOT BE USED WHERE EXPOSED SURFACES ARE INVOLVED, USE MATERIALS THAT MATCH EXISTING ADJACENT SURFACES TO THE FULLEST EXTENT POSSIBLE WITH REGARD TO VISUAL EFFECT. USE MATERIAL WHOSE INSTALLED PERFORMANCE WILL EQUAL OR SURPASS THAT OF EXISTING MATERIALS.
7. PRIOR TO ORDERING FINISH MATERIALS, CONTRACTOR SHALL SUBMIT CURRENT PRODUCTION 6" X 6" MINIMUM SAMPLE OF EACH FINISH MATERIAL, AND A SAMPLE FOR EACH COLOR OR FINISH, SPECIFIED, INCLUDING BUT NOT LIMITED TO PAINT (12" X 12"), WALL COVERING, CARPET, MARBLE, TILE, VCT, ETC., TO DESIGNER/ OWNER FOR APPROVAL.
8. ALL FABRICS SPECIFIED FOR WALL COVERINGS APPLICATION SHALL RECEIVE DOUBLE LAYER FACTORY APPLIED ACRYLIC BACKING.
9. GWB DESIGNATED TO RECEIVE WALL COVERINGS SHOULD BE PREPPED WITH ONE COAT OF ULTRA-HIDE PVA PRIMER SEALER, COLOR TO BLEND WALL COVERING COLOR.
10. PREPARE NEW AND EXISTING WALLS TO RECEIVE PAINT OR WALL COVERING INCLUDING AREAS BEHIND ELECTRICAL AND THERMOSTAT RECEPTACLE.
11. ALL SURFACES DESIGNATED TO BE PAINTED SHALL BE PERFECTLY DRY AND SMOOTH BEFORE APPLICATIONS OF COVERINGS. WALL MARKINGS MUST BE SUFFICIENTLY SEALED BEFORE APPLICATION OF FINISH MATERIAL SO AS TO PREVENT BLEED-THROUGH.
12. PAINTED SURFACES SHALL RECEIVE ONE PRIMER COAT, TINTED TO BE ONE SHADE OFF THE COLOR OF THE FINISH COAT, AND SUFFICIENT FINISH COATS TO PROPERLY COVER SURFACE. PRIME ALL SURFACES ACCORDING TO MANUFACTURER'S SPECIFICATIONS PRIOR TO APPLICATION OF PAINT. WHERE PATCHING OCCURS IN A SMOOTH PAINTED SURFACE, EXTEND FINAL PAINT COAT OVER ENTIRE UNBROKEN SURFACE CONTAINING THE PATCH, AFTER THE PATCHED AREA HAS RECEIVED PRIMER AND SECOND COAT.
13. WHERE REMOVAL OF WALLS OR PARTITIONS EXTENDS ONE FINISHED AREA INTO ANOTHER, PATCH AND REPAIR FLOOR AND WALL SURFACES IN THE NEW SPACE TO PROVIDE AN EVEN SURFACE OF UNIFORM COLOR AND APPEARANCE. REMOVE EXISTING FLOOR AND WALL COVERINGS AND REPLACE WITH NEW MATERIALS, IF NECESSARY TO ACHIEVE UNIFORM COLOR AND APPEARANCE.
14. PROPERLY PREPARE SURFACES ACCORDING TO MANUFACTURER'S RECOMMENDED APPLICATION OF SPECIFIED FINISHES AND IN ACCORDANCE WITH BEST TRADE PRACTICE.
15. FLOORS SHALL BE INSPECTED FOR DAMAGE, WARPAGE OR OTHER NOTICEABLE DEVIATIONS, PATCHED AND LEVELED. FLOORS SHALL BE SMOOTH AND CLEAN PRIOR TO INSTALLATION OF NEW FLOOR FINISHES.
16. IF IN GC SCOPE, ALL CONTIGUOUS CARPET, WALL COVERING AND FABRICS OF THE SAME SPECIFICATION MUST BE FROM ONE DYE LOT AND MUST MEET INDUSTRY STANDARD TOLERANCE FOR SIDE TO SIDE MATCH.
17. ALL HARDWARE SHALL BE OF THE SAME MANUFACTURER TO MAINTAIN CONTINUITY OF FINISH AND STYLE AND TO SIMPLIFY MAINTENANCE AND REPLACEMENT.
18. ALL NEW WALL COVERING, DRAPERIES & FINISHES TO BE CLASS A FLAME SPREAD RATING.
19. ALL NEW FLOOR FINISHES TO MEET 0.7 SLIP RESISTANCE COEFICENT.
20. UNLESS OTHERWISE NOTED, ALL OUTLETS AND ELECTRICAL DEVICES TO MATCH COLOR OF WALL.

STEEL AND METAL:

1. STRUCTURAL ENGINEER TO REVIEW & SPECIFY SIZE ALL STEEL INCLUDING BUT NOT LIMITED TO; STAIR, CANOPIES, STONE ANCHORS, WELDS, BOLTS, PLATES, PRIOR TO RELEASE OF FINAL CONSTRUCTION DRAWINGS. STRUCTURAL ENGINEER TO INSURE STEEL COMPLIES WITH REQUIRED LOADS. SEE STRUCTURAL & ARCHITECTURAL DRAWINGS FOR MORE INFORMATION
2. DESIGN OF STAIR RAILING, HANDRAILS, AND GUARDRAILS IN ACCORDANCE WITH ASTM E 985.
3. ALL HANDRAILS TO BE SOLIDLY ANCHORED TO FLOOR W/ BLIND ANCHORS. TO WITHSTAND 250LBS APPLIED AT ANY POINT IN ANY DIRECTION.
4. STEEL SUBCONTRACTOR TO PROVIDE SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL PRIOR TO CONSTRUCTION
5. BRAIDED WIRE CABLE RAIL TO WITHSTAND MIN. 200LBS OF LATERAL FORCES
6. GRIND ALL WELDS @ EXPOSED ARCHITECTURAL STEEL, TYP.
7. SEE SPECIFICATIONS FOR FINISH OF ALL EXPOSED STEEL
8. SEE FINISH SCHEDULE, MATERIALS LIST BY INTERIOR DESIGNER AND ARCHITECTURAL SPECIFICATIONS FOR ALL FINISHES.
9. WHERE TWO METALS ARE AFFIXED TO EACH OTHER, THE GENERAL CONTRACTOR WILL PROVIDE THE NECESSARY INSULATION MATERIAL SO THAT NO VIBRATION OR NOISE IS TRANSMITTED BETWEEN THE METALS.
10. GC AND ALL SUB CONTRACTORS TO USE DIELECTRIC SEPARATOR ON ALL DISSIMILAR METALS.

Rev/ID	CHD	Change Name	Date

ERBA
ARQUITECTURA | DISEÑO | CONSTRUCCIÓN
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1353 AVE. LUIS VIGOREAUX
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(787) 622-3737

Certificacion:
Yo, Eugenio M. Ramirez Bellisario, arquitecto licenciado, número de licencia 19706 certifico que soy el profesional que diseñó este proyecto y que he examinado los planos y especificaciones que aquí se certifican, que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos vigentes en el Gobierno de los Estados Unidos, el Estado Libre Asociado de Puerto Rico y los Municipios Autónomos con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión de la Industria de la Construcción de 2004, según enmendada, conocida como la "Ley para la Inversión de la Industria de la Construcción", Ley Núm. 76 de 5 de junio de 2000, según enmendada, Ley Núm. 96 de 6 de julio de 1938, según enmendada, Ley Núm. 84 de 18 de junio de 2010, según enmendada, y que toda información falsa o falsificación de los hechos que se haya producido en la preparación de estos planos y especificaciones, o que surja por descubrimiento posterior, me hace responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

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ID #: #Project ID
Project #: 21-102
#Client City / PR

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Cataño - #Site State
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Drawing Status:
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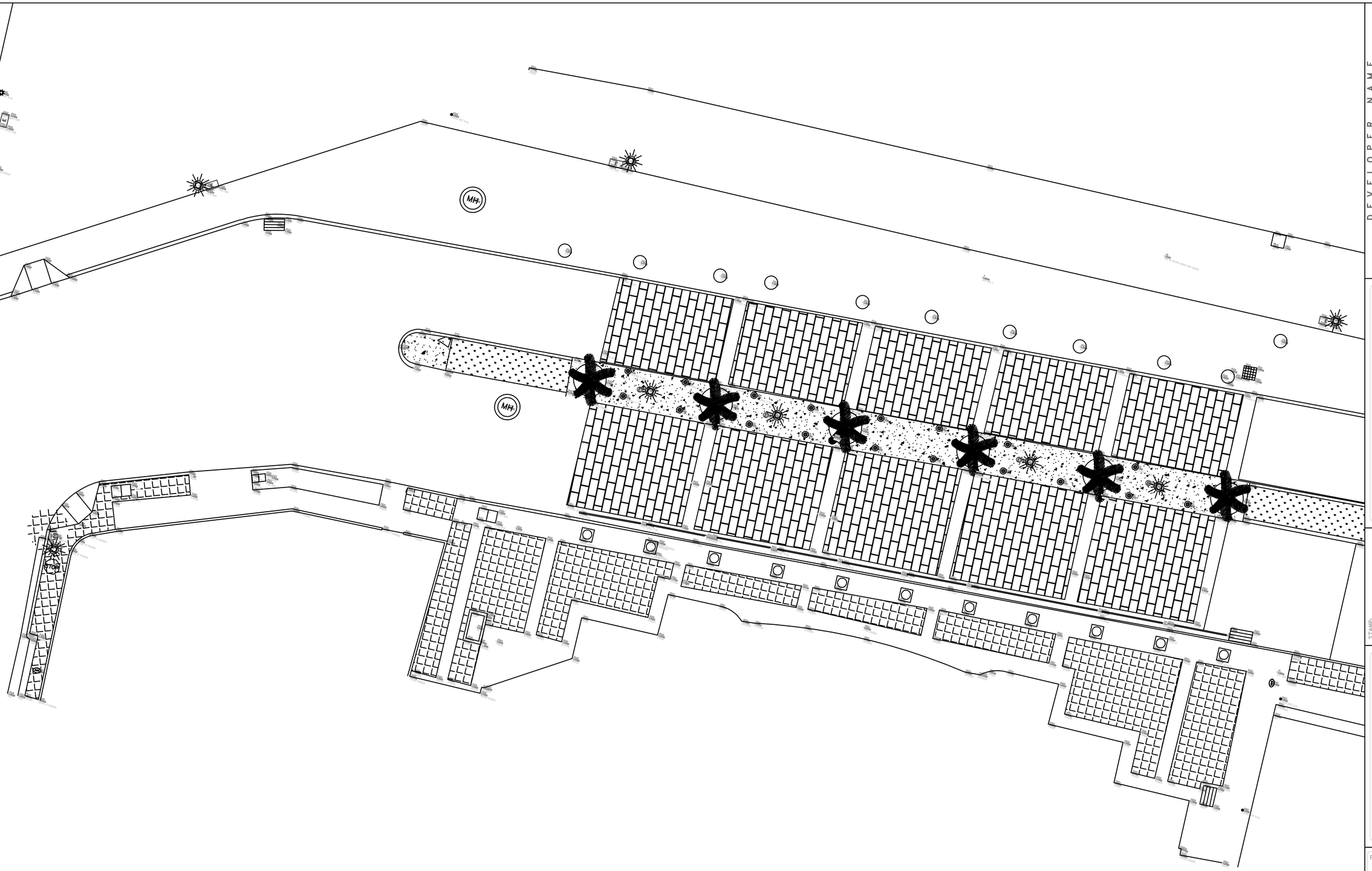
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Revision:

Modified by:

Checked by:

Approved by



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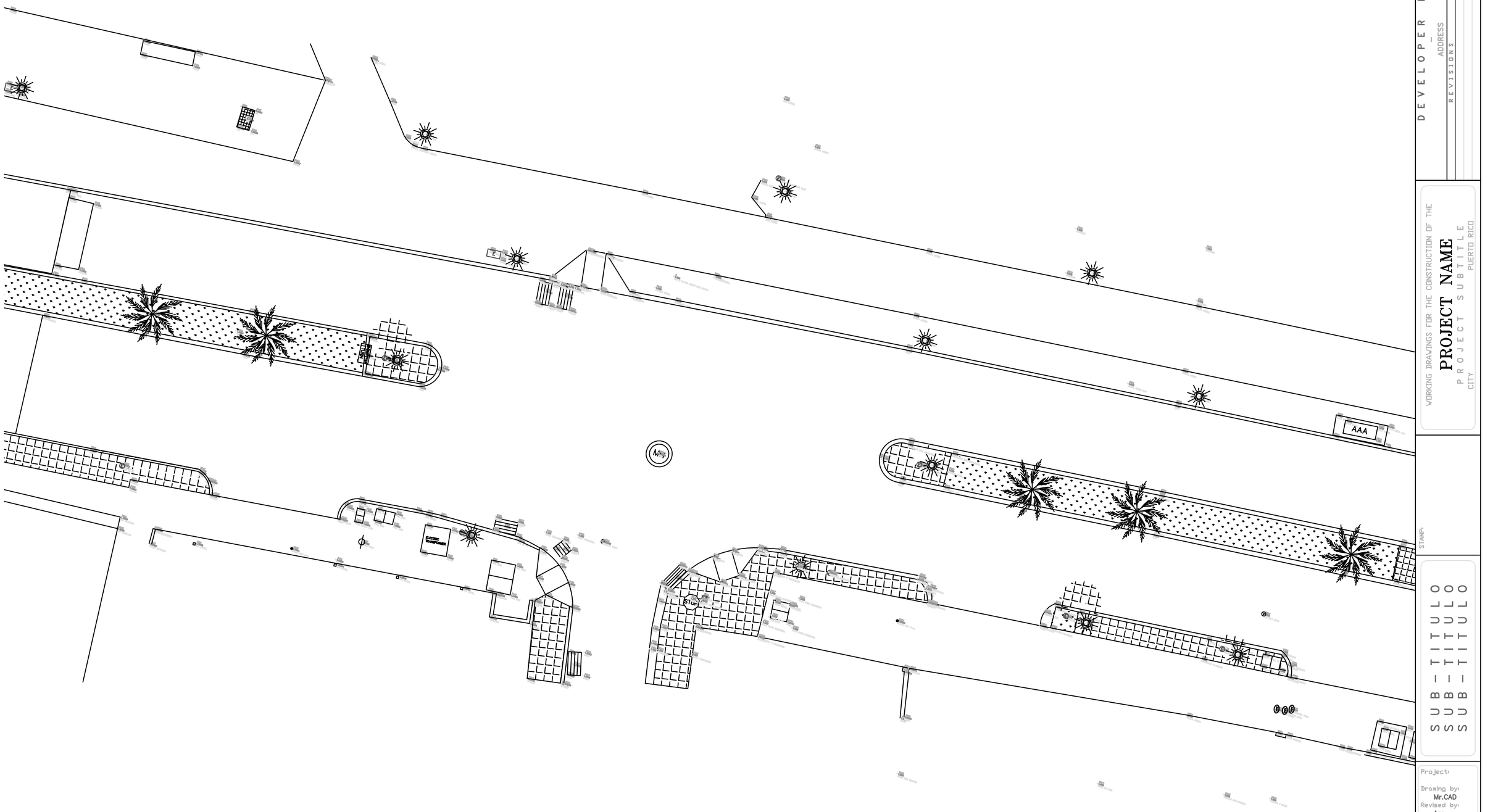
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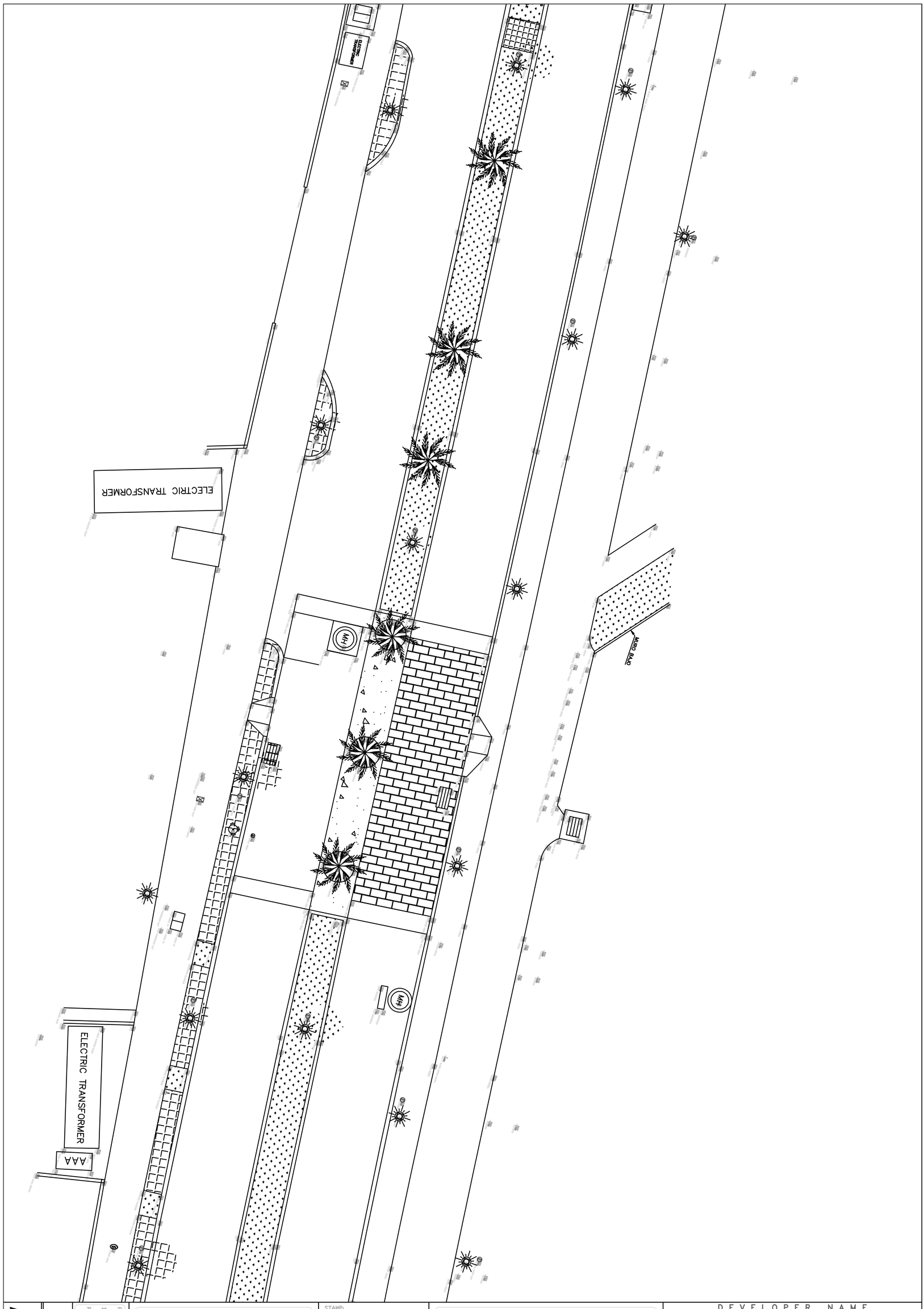
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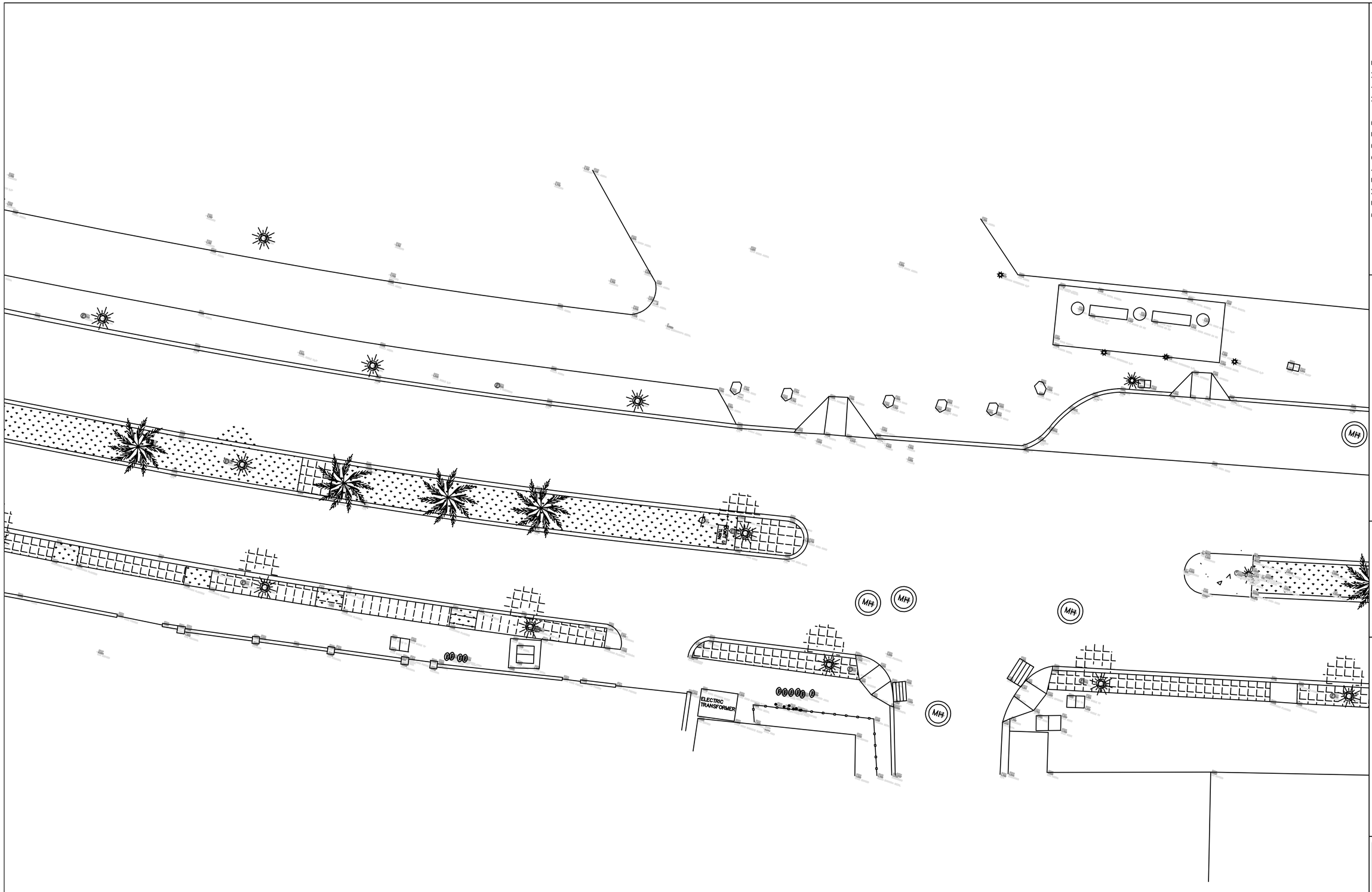
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ELECTRIC TRANSFORMER

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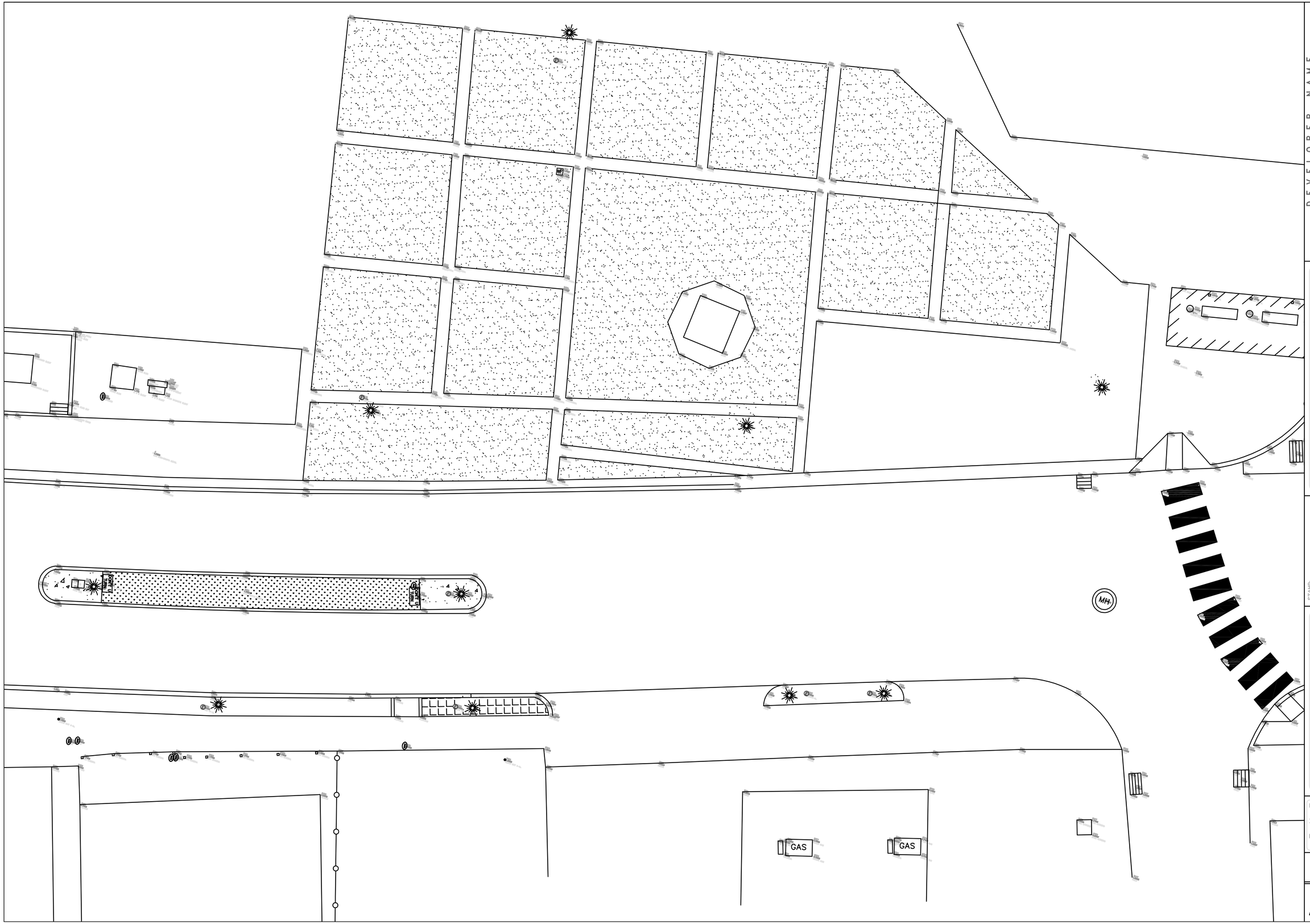
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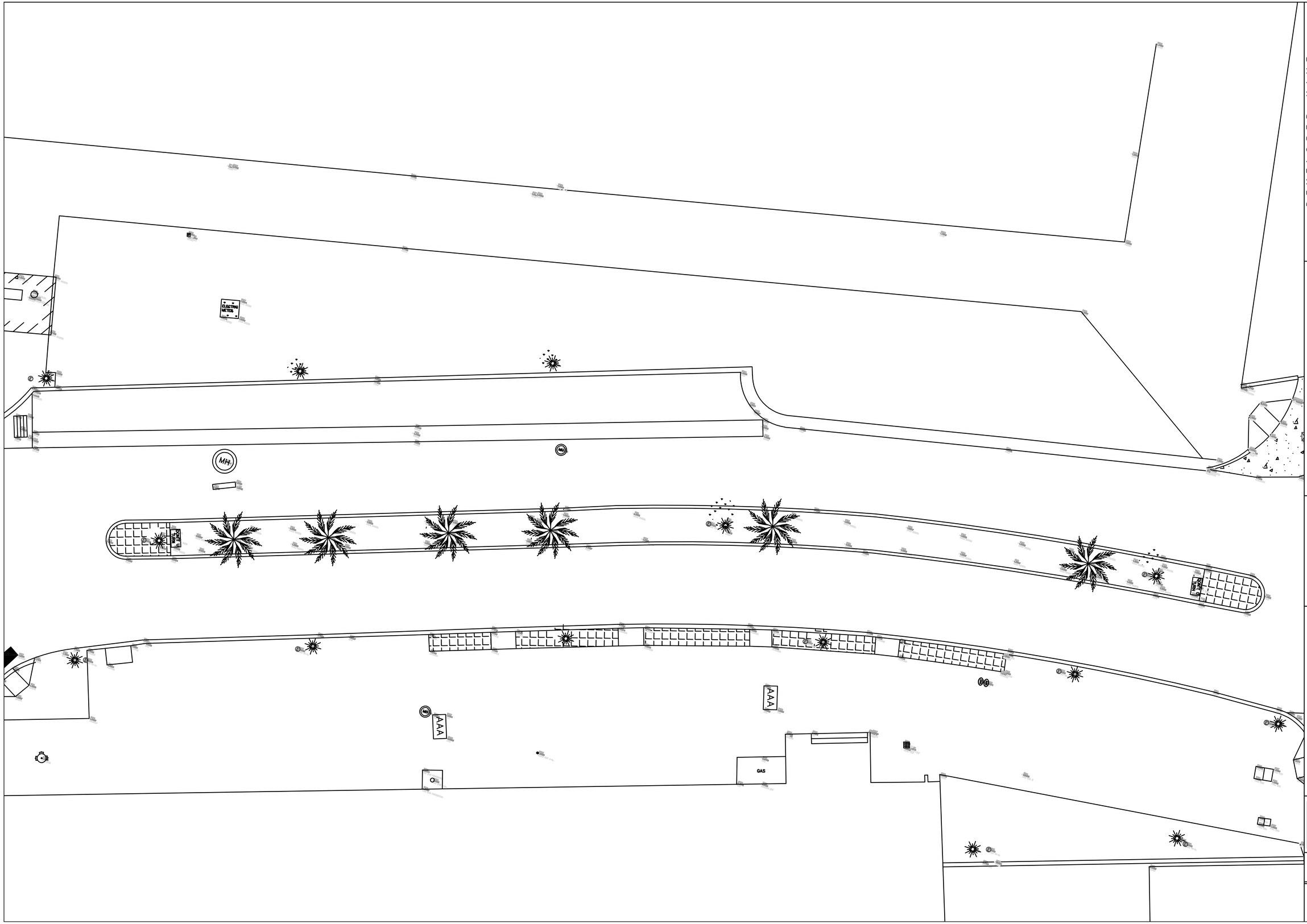
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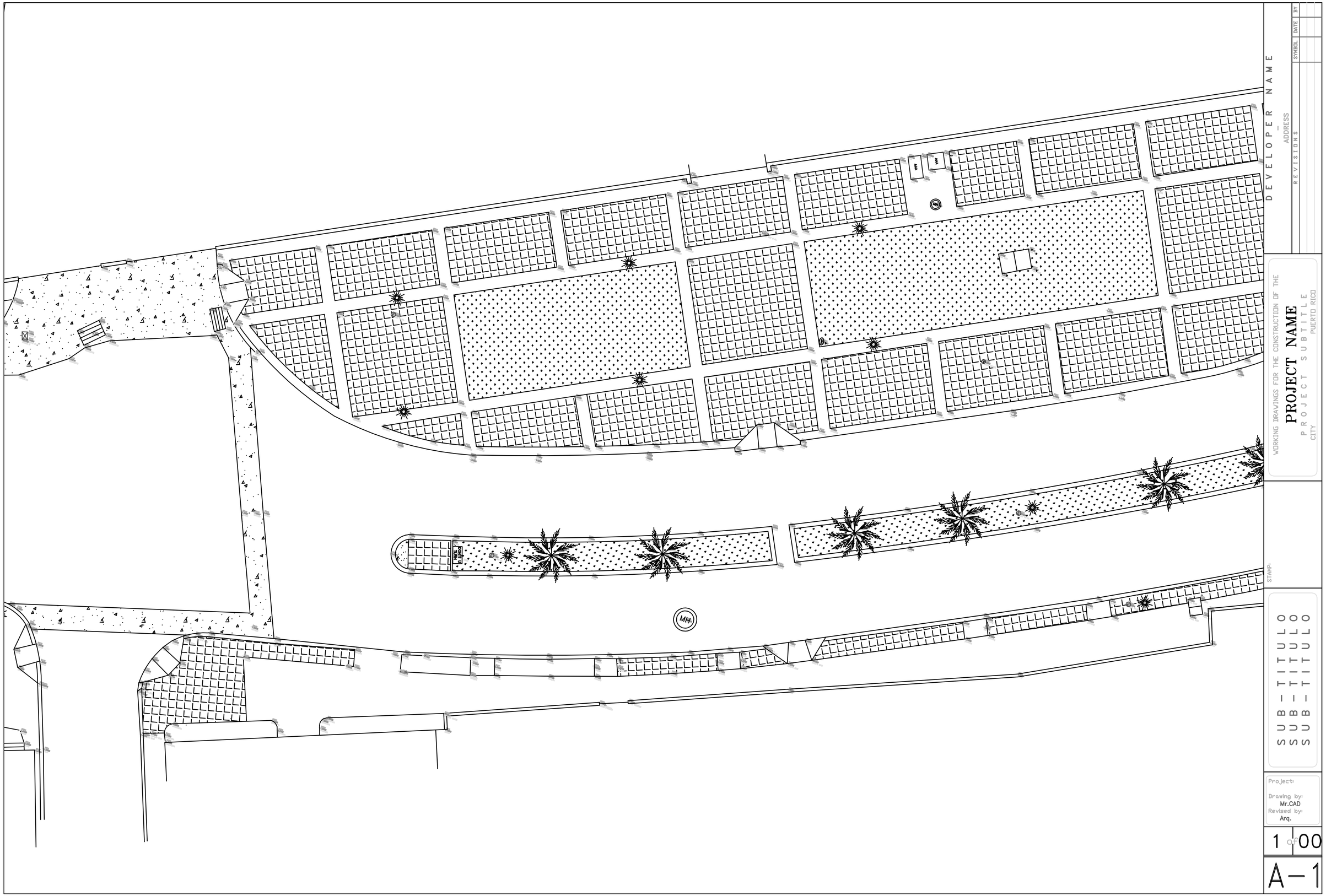
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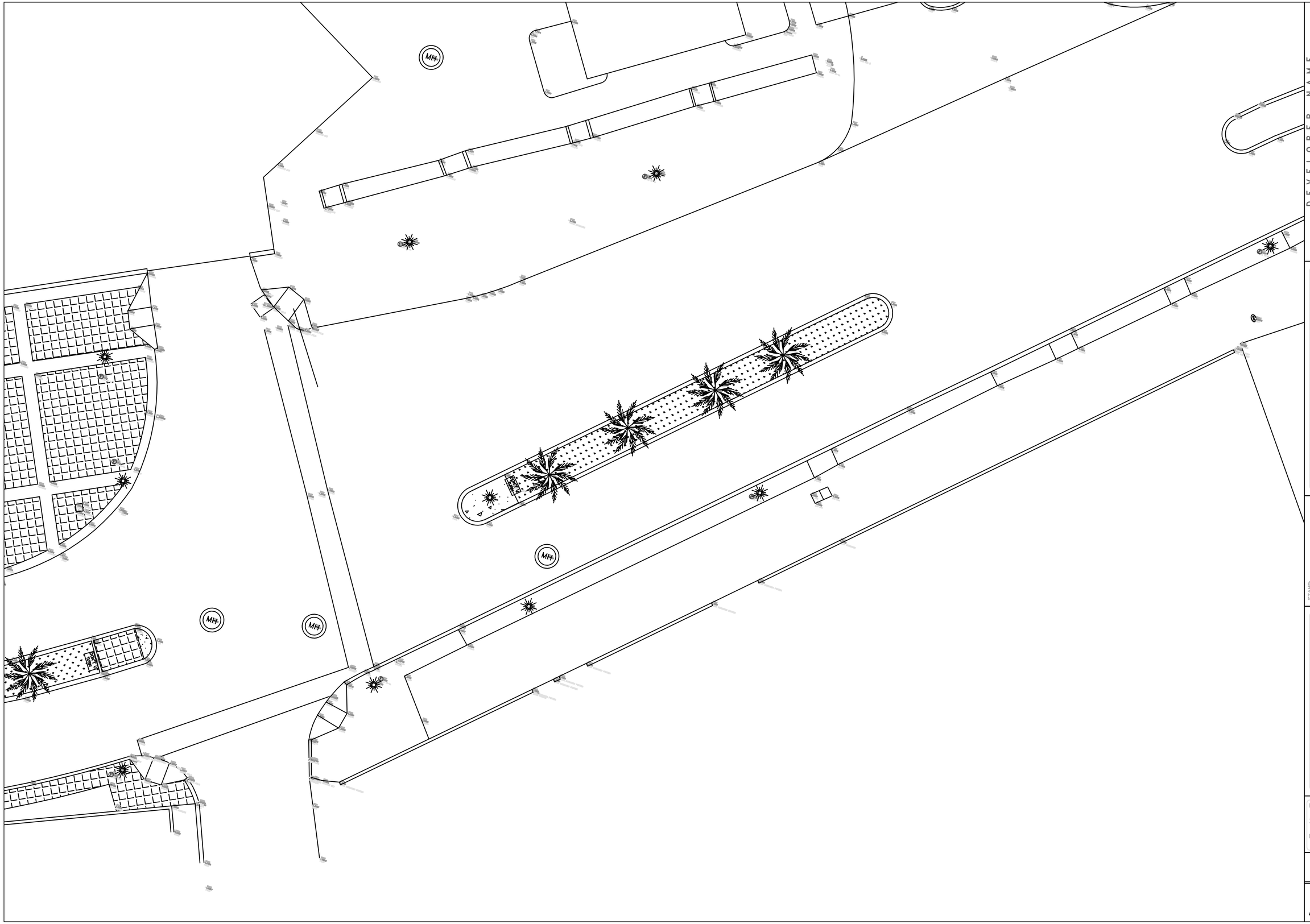
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PUMP STATION

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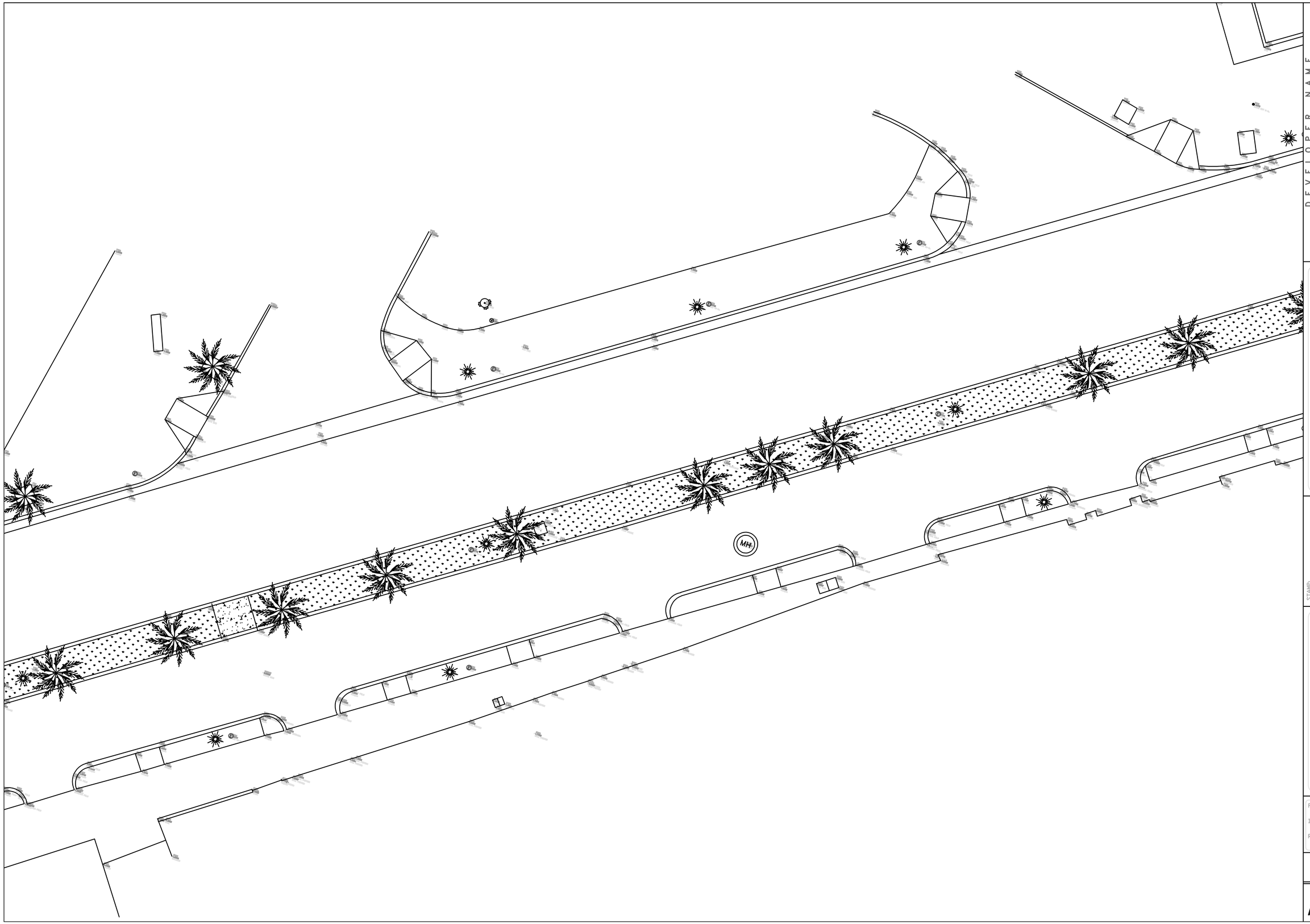
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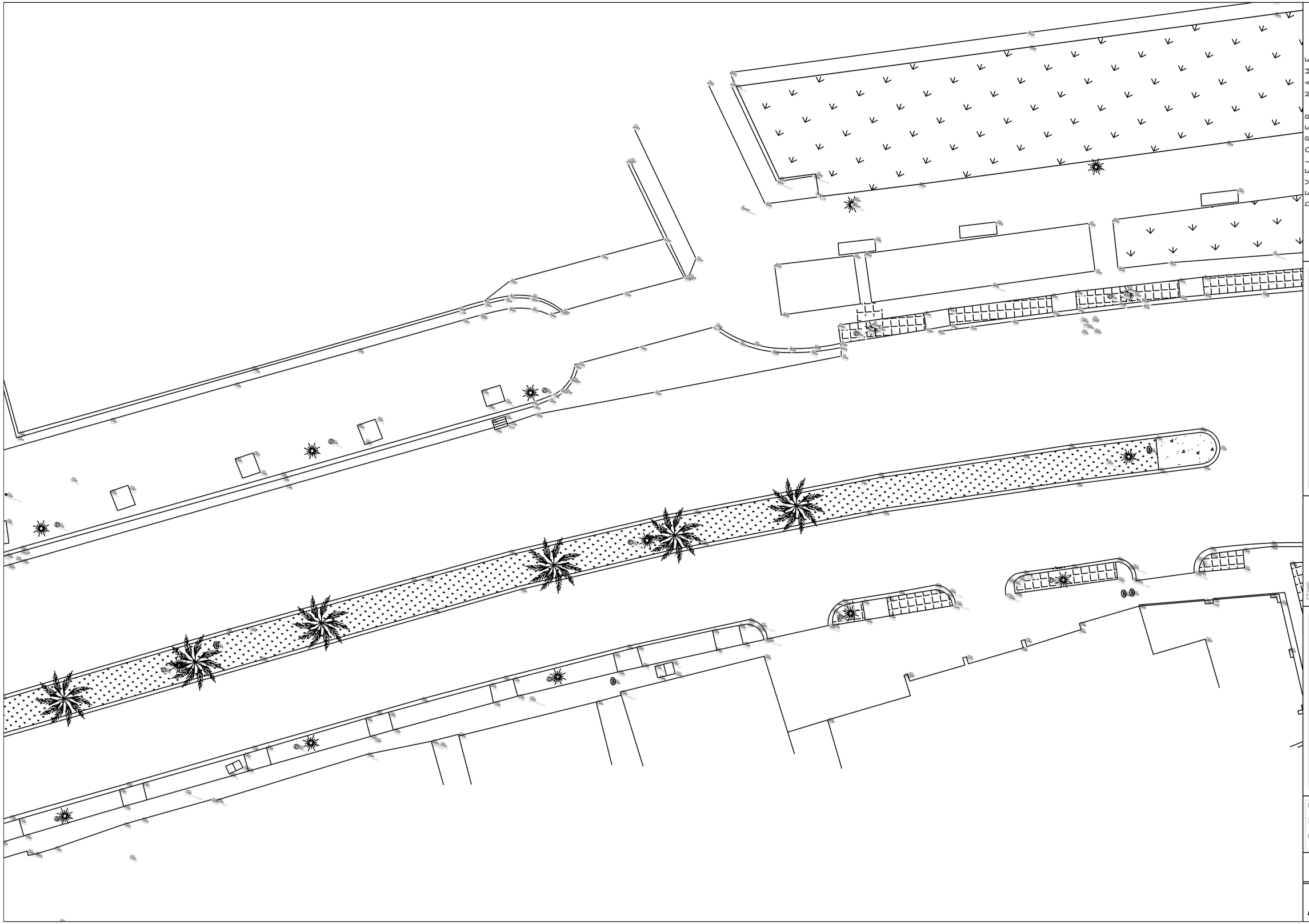
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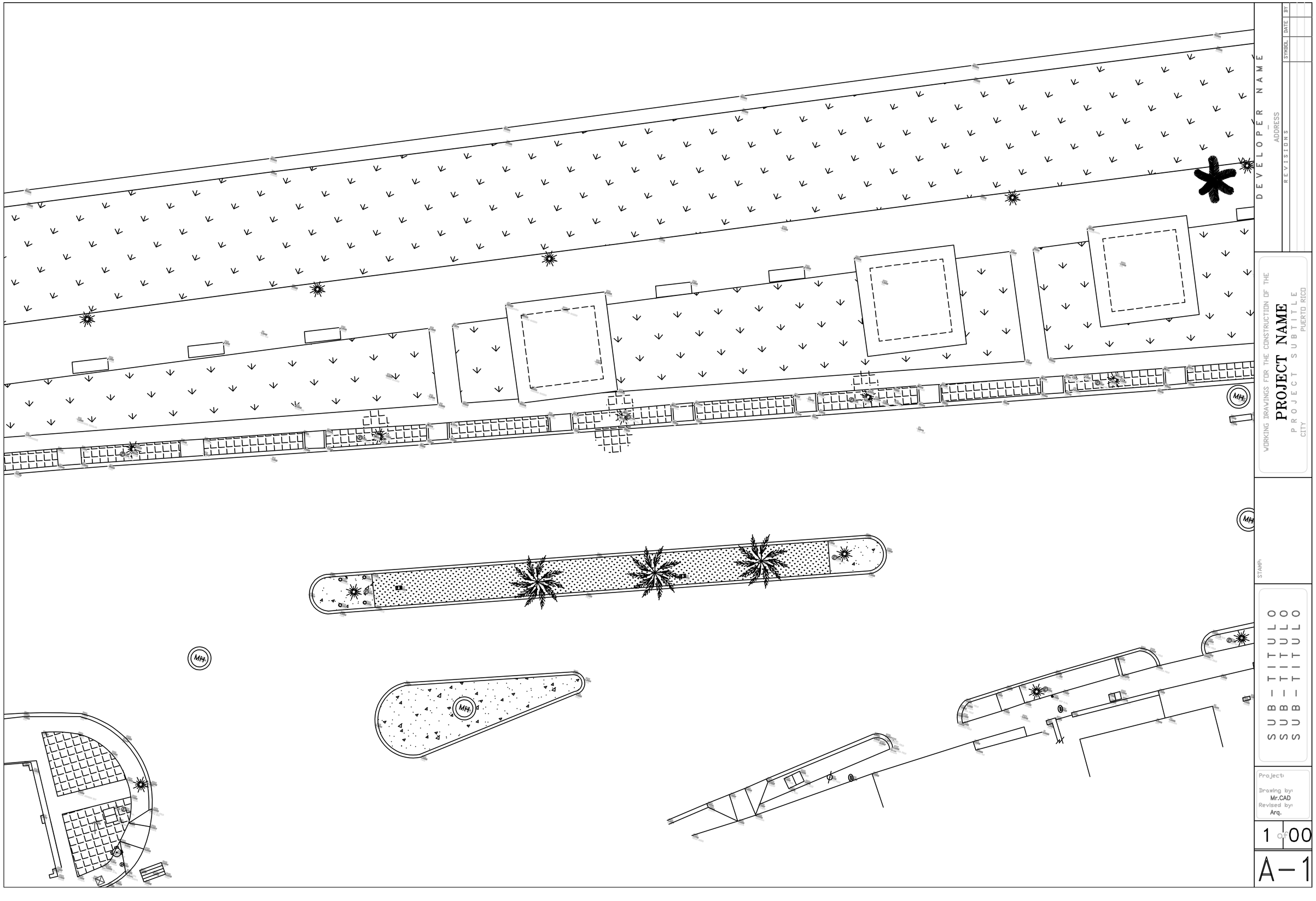
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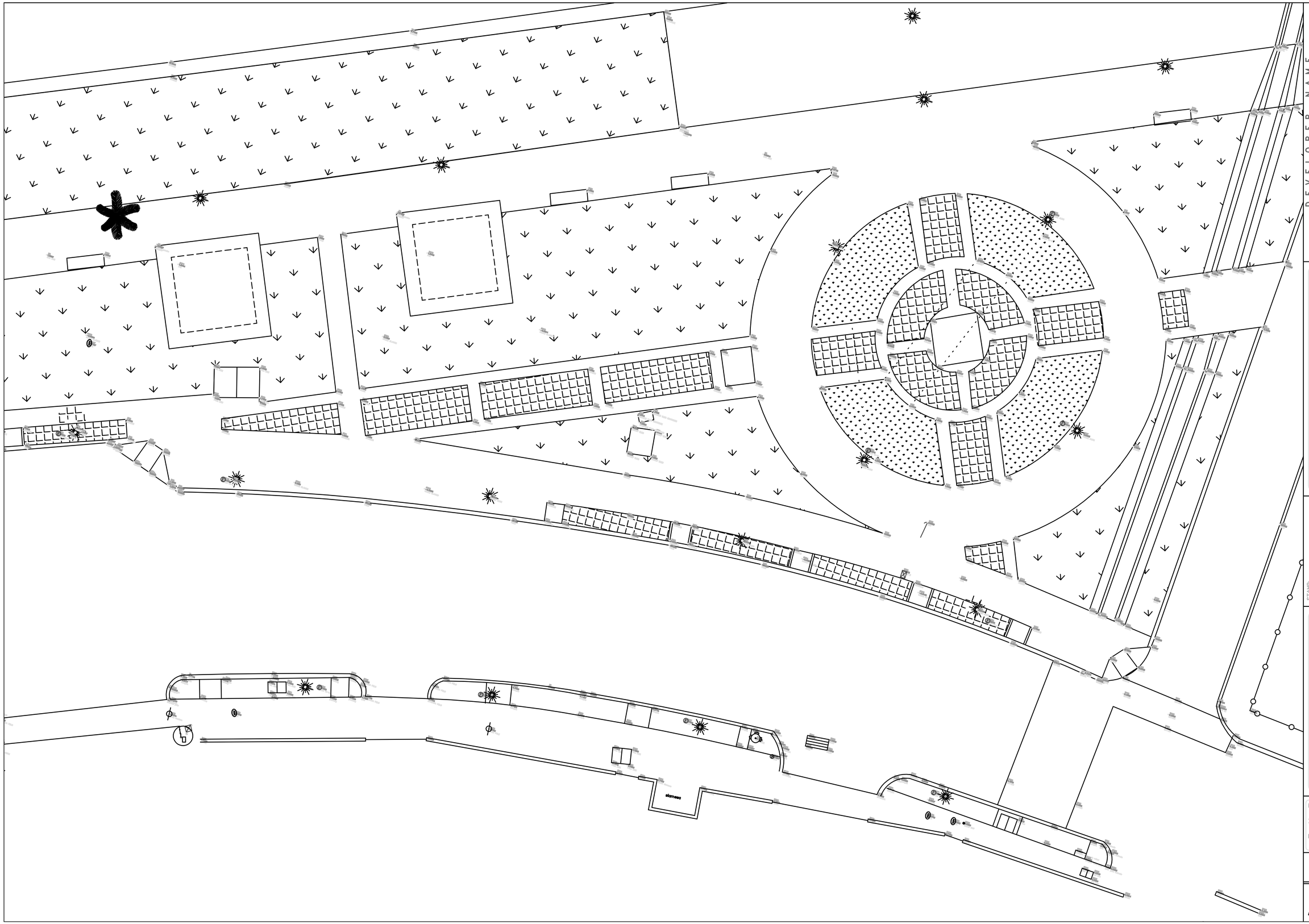
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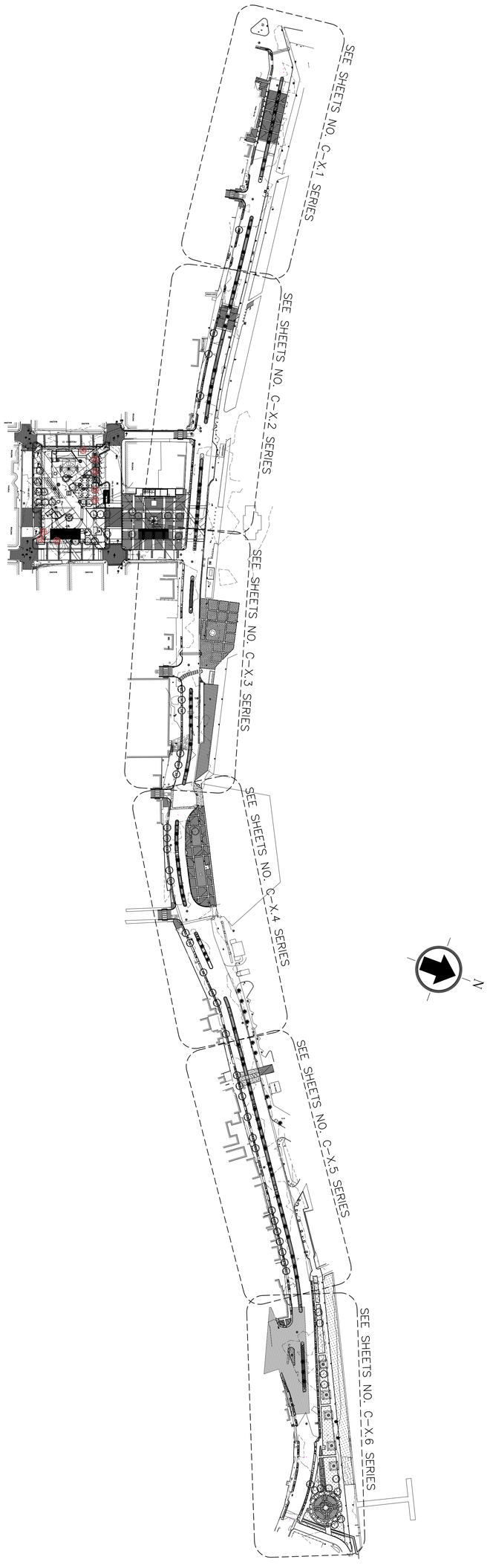
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Revised by: Arq.

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KEY PLAN

SCALE: 1:1250



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Revision:
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Modified by:
-

Checked by:
Ing. F.Rodriguez

Approved by
e.ramirez

Drawing Name:
KEY PLAN

Date:
MAY. 04, 2023

Drawing Scale:
1:200

Drawing Status:
DESIGN DEVELOPMENT PHASE - 60%

Project:
Ave. Las Nereidas Improvement
CDBG-DR-000488

Barrio Pueblo
-
Cataño - PR

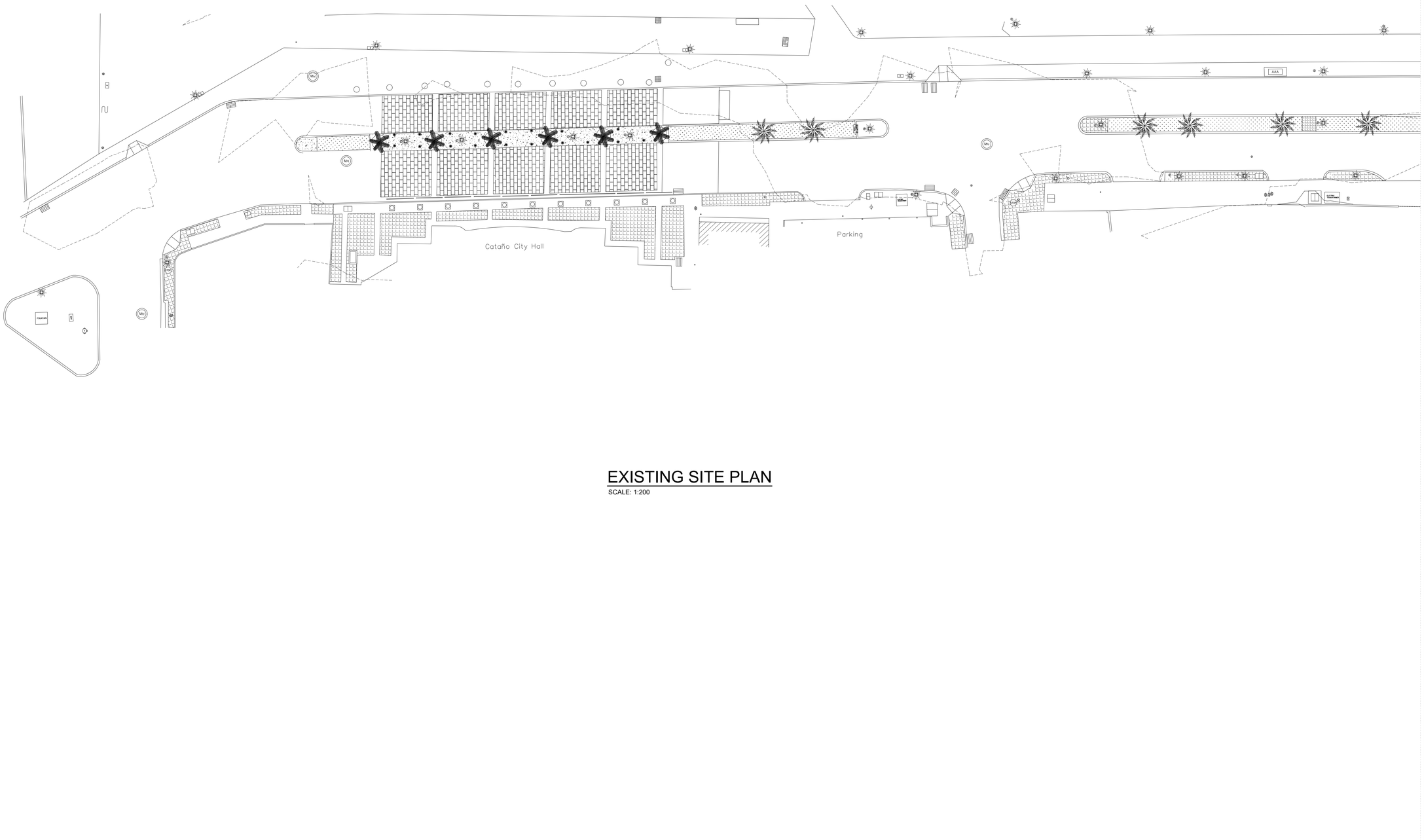
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Municipality of Cataño
Municipality of Cataño

Certificacion:
Yo, **Eugenio M. Ramirez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada, según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se hayan producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y

EMRBA
EUGENIO M. RAMIREZ BALLAGAS
ARQUITECTO
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PARTE 206
HIRAM L. SOLA
LICENCIA NUM.
19796

Revision	Date	Change Name	Sign



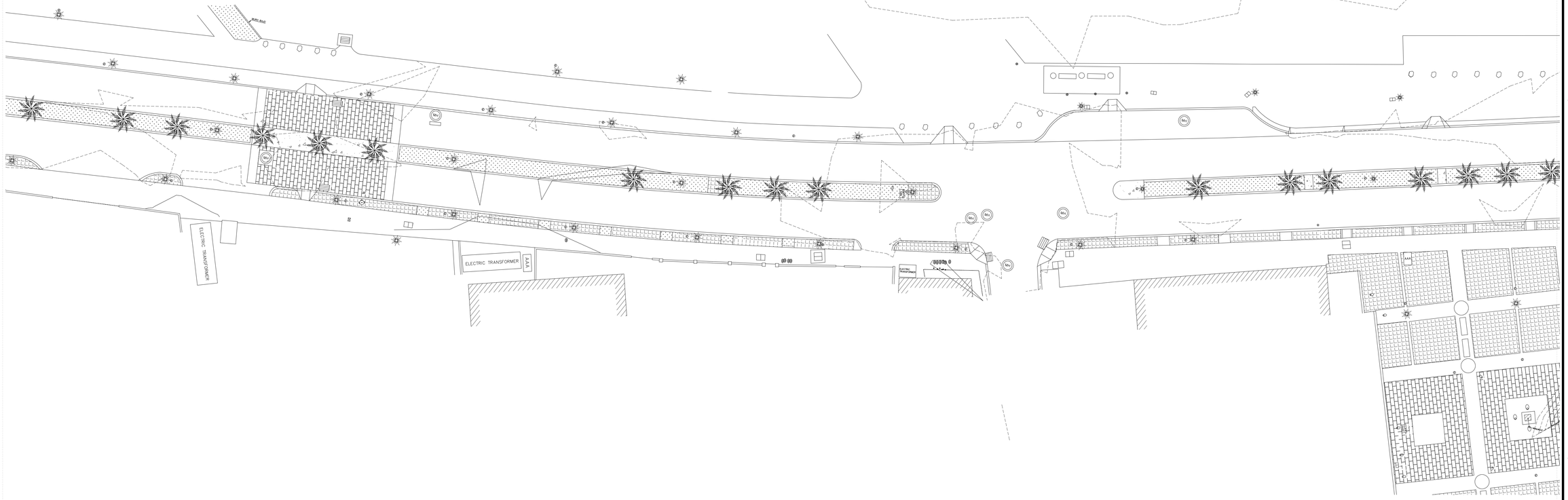
EXISTING SITE PLAN

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Certificación
Yo, **Eduardo M. Ramírez Ballagas, arquitecto** licenciado, con número de licencia 19766 certifico que soy el profesional que selló estos planos y que he examinado los mismos.
También, certifico que entiendo que dichos planos y documentos fueron preparados de acuerdo con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales y Estatales vigentes, así como las Juntas Reglamentadoras o Comisiones Públicas con jurisdicción. Certifico, además, que en la preparación de estos documentos se ha cumplido con la reglamentación dispuesta en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicable a la Administración de los Industrias Puertorriqueña" y con la (Ley Núm.3 19 de 15 de mayo de 1942, según enmendada, según aplicable a la Ley de Patentes de 1. según aplicable). Reconozco que cualquier error, omisión o declaración falsa en este documento o por negligencia ya sea por mi, mis empleados o agentes, podría resultar en la revocación de mi licencia profesional y/o sanciones administrativas. Además, reconozco que cualquier daño causado por dicho error, omisión o declaración falsa, o por negligencia ya sea por mi, mis empleados o agentes, podría resultar en una acción civil en mi contra. Por la presente, libero a mi empleador de cualquier responsabilidad resultante de dicho error, omisión o declaración falsa, o por negligencia ya sea por mi, mis empleados o agentes, y me hago responsable de cualquier daño causado por dicho error, omisión o declaración falsa, o por negligencia ya sea por mi, mis empleados o agentes



EXISTING SITE PLAN

SCALE: 1:200

Date

Revision Number

Certification: **Ballagas, arquitecto**. Licenciado, con número de licencia 19796 certifico que soy el profesional que suscribe los planos y especificaciones de este proyecto. También, certifico que entiendo que dichos planos y especificaciones cumplen con todas las disposiciones aplicables de los Reglamento Conjunto y las disposiciones aplicables de la Junta Reglamentadora de Zonificación, además, que en la preparación de estos planos y especificaciones he cumplido con las disposiciones de la Ley Núm. 119 de 15 de mayo de 1976, según enmendada, según aplicada a la Industria Puertorriqueña" y con la Ley Núm. 19 de 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley de Certificaciones Profesionales" y con la Ley Núm. 119 de 15 de mayo de 1976, según enmendada, según aplicada a la Industria Puertorriqueña" y con la Ley Núm. 19 de 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley de Certificaciones Profesionales". Reconozco que cualquier error u omisión en estos planos y especificaciones producido por desconocimiento o por negligencia ya sea por mi, por mis empleados o por cualquier persona bajo mi dirección o control, me hacen responsable de cualquier acción judicial y conocimiento, me hacen responsable de cualquier acción judicial y

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Project:
Ave. Las Nereidas Improvement
CDBG-DR-000488
Barrio Pueblo
-
Cataño - PR

Client:
-
Municipality of Cataño
Municipality of Cataño
Alcalde/ Mayor: Fernando Acosta

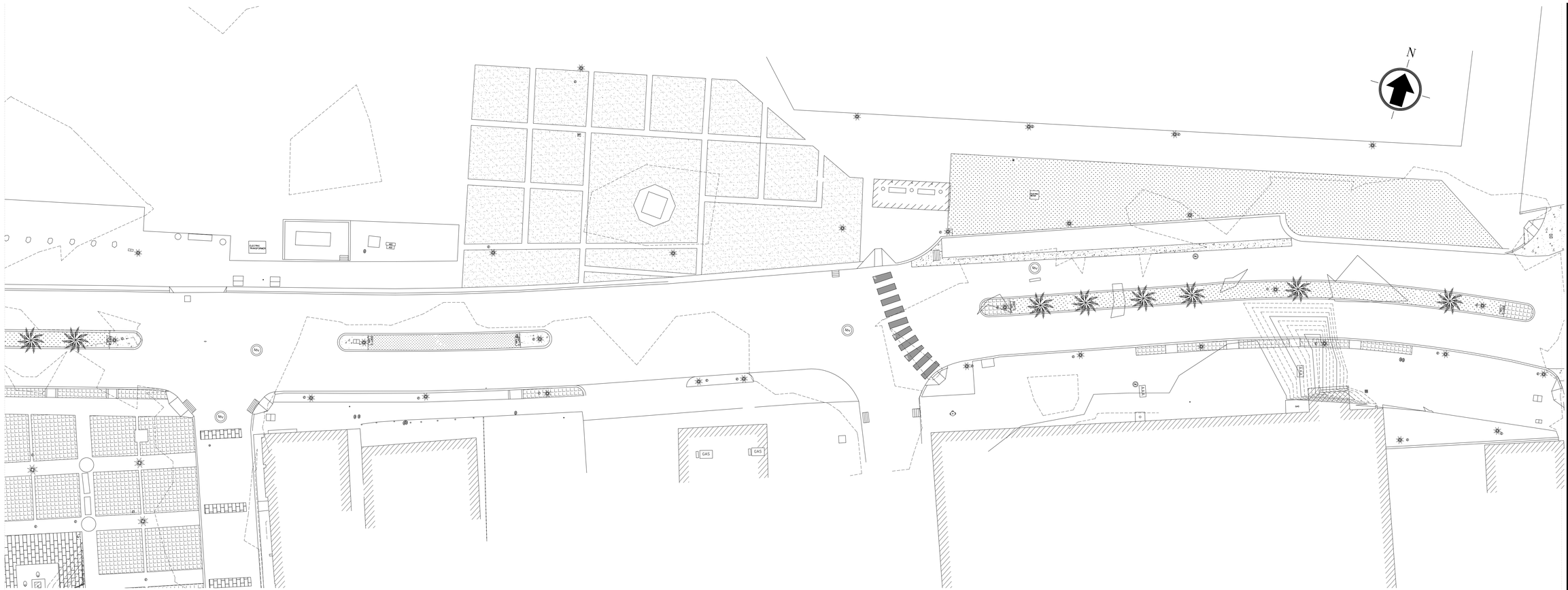
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MAY 04, 2023
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Drawing Status:
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Revision:
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Modified by:
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Checked by:
Ing. F.Rodriguez
Approved by
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EXISTING SITE PLAN

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SCALE: 1:200

Certificación: M. Ramírez Ballajes, arquitecto licenciado, número de licencia 19766 certifico que soy el profesional que ha preparado los documentos técnicos titulados: Plans. También, certifico que entiendo que dichos planos y documentos técnicos cumplen con todas las disposiciones del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Federales y Estatales aplicables, de los Estándares de Construcción Sostenible y Ambiental, con todas las Regulaciones o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y documentos técnicos he cumplido con todo lo dispuesto en la Ley Núm. 14, de 8 de enero de 2004, según enmendada, según aplicable, conocida como la Ley para la Industria Puertorriqueña y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable. Reconozco que cualquier negligencia ya sea por mi parte o por parte de cualquiera de las personas bajo mi supervisión y dirección, así como cualquier error u omisión en estos planos y documentos técnicos, podría ser procesado por desconocimiento o por negligencia ya sea por mi parte o por parte de cualquiera de las personas bajo mi supervisión y dirección, así como cualquier error u omisión en estos planos y documentos técnicos, podría ser procesado en la Ley Núm. 14, de 8 de enero de 2004, según enmendada, según aplicable, conocida como la Ley para la Industria Puertorriqueña y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable. Reconozco que cualquier negligencia ya sea por mi parte o por parte de cualquiera de las personas bajo mi supervisión y dirección, así como cualquier error u omisión en estos planos y documentos técnicos, podría ser procesado por desconocimiento o por negligencia ya sea por mi parte o por parte de cualquiera de las personas bajo mi supervisión y dirección, así como cualquier error u omisión en estos planos y documentos técnicos, podría ser responsable de cualquier acción judicial y conocimiento. me hacen responsable de cualquier acción judicial y

Date

Description

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Project:

Ave. Las Nereidas Improvement

CDBG-DR-000488

Barrio Pueblo

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Cataño - PR

Project Info:

Cadastre: -

ID #: #Project ID

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Municipality of Cataño

Municipality of Cataño

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EXISTING SITE PLAN

Date:

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Drawing Status:

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Layout ID:

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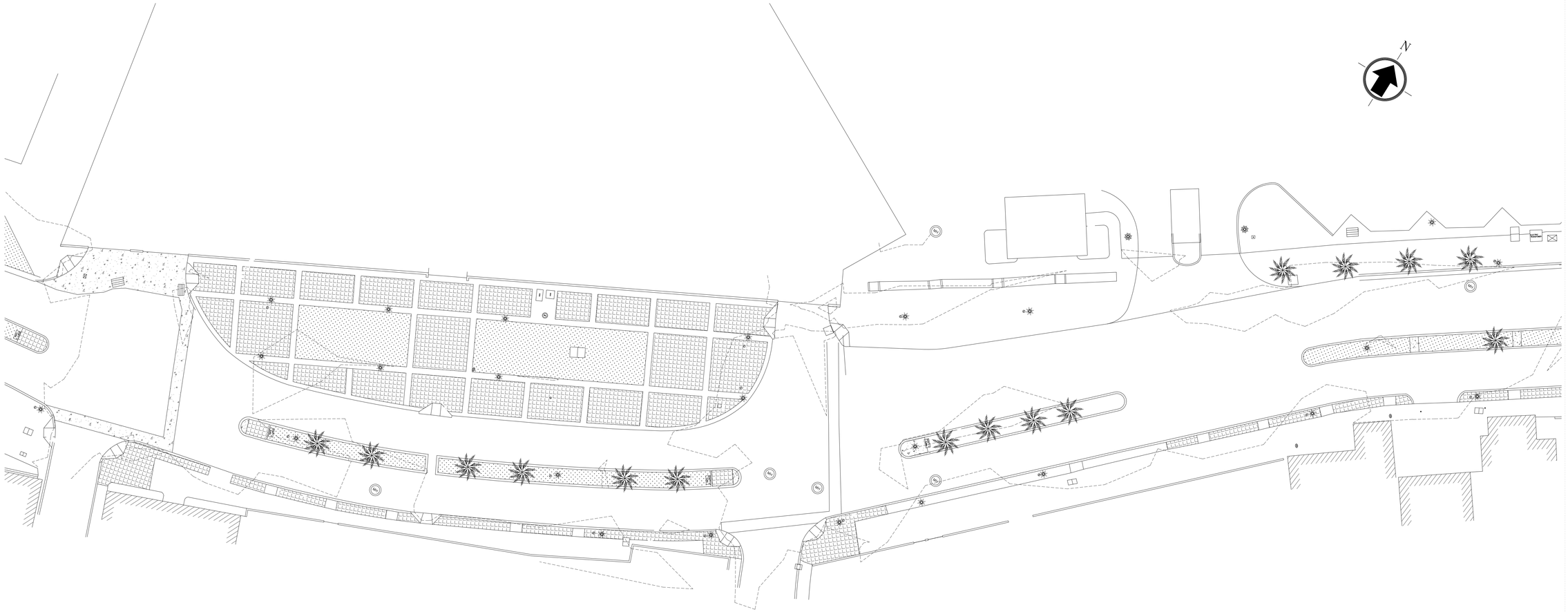
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Checked by:

Ing F.Rodriguez

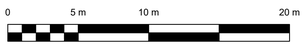
Approved by

Ar.Gonzalez



EXISTING SITE PLAN

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Certificación: Yo, **Eduardo M. Ramírez Ballajas, arquitecto** licenciado, número de licencia **19766** certifico que soy el profesional que ha preparado los planos y especificaciones de este proyecto y que, en mi entender, certifico que entiendo que dichos planos y especificaciones cumplen con todas las disposiciones aplicables de los Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Zonificación de Inundación y Urbanización de Industria Puertorriqueña y con la Ley Núm. 3 de 15 de mayo de 2017, según enmendada, según aplicable. Reconozco que cualquier incumplimiento de dichos reglamentos y leyes, ya sea por mi conocimiento o por ineficiencia ya sea por mi parte, podría ser motivo de procedimientos disciplinarios por parte de la Junta Reglamentadora o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones he cumplido con todas las disposiciones aplicables de la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la Ley para la Administración y Transformación de los Recursos Humanos en el Sistema Puertorriqueño y con la Ley Núm. 3 de 15 de mayo de 2017, según enmendada, según aplicable. Reconozco que cualquier incumplimiento de dicha ley, ya sea por mi conocimiento o por ineficiencia ya sea por mi parte, podría ser motivo de procedimientos disciplinarios por parte de la Junta Reglamentadora o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones he cumplido con todas las disposiciones aplicables de la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la Ley para la Administración y Transformación de los Recursos Humanos en el Sistema Puertorriqueño y con la Ley Núm. 3 de 15 de mayo de 2017, según enmendada, según aplicable. Reconozco que cualquier incumplimiento de dicha ley, ya sea por mi conocimiento o por ineficiencia ya sea por mi parte, podría ser motivo de procedimientos disciplinarios por parte de la Junta Reglamentadora o Corporaciones Públicas con jurisdicción.

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MAY. 04, 2023

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Checked by:
Ing F.Rodriguez

Approved by
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Drawing Name:
EXISTING SITE PLAN

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Drawing Status:
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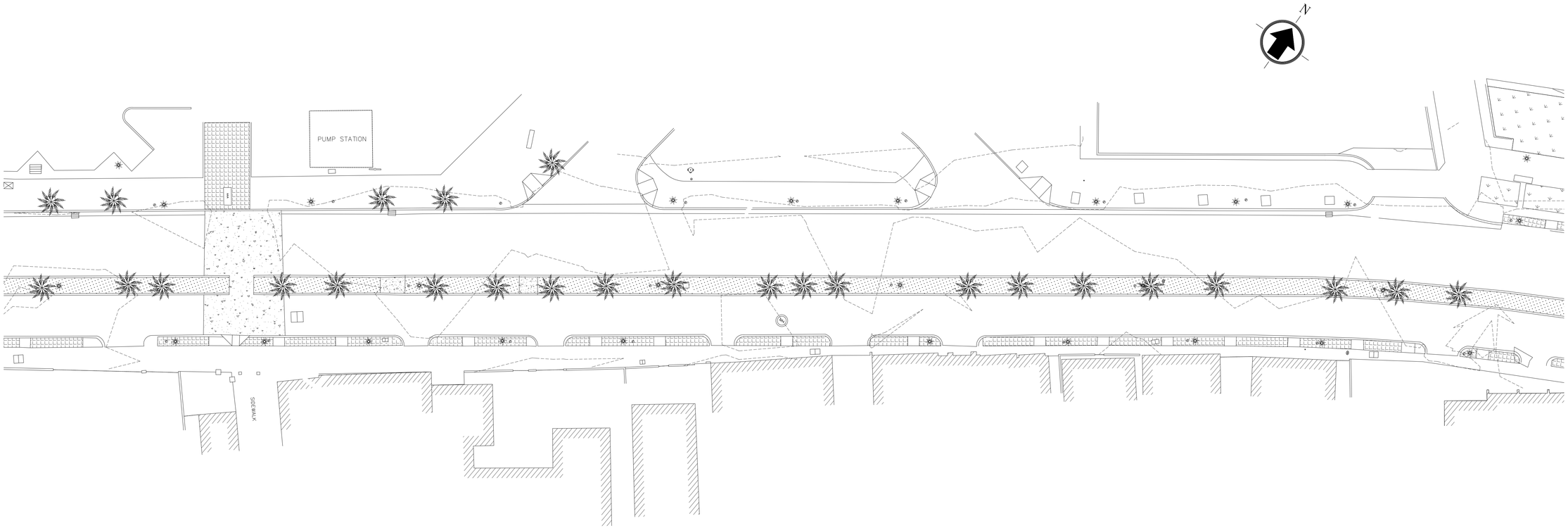
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Ave. Las Nereidas Improvement
CDBG-DR-000488
Barrio Pueblo
-
Cataño - PR

Project Info:
Cadastre: -
ID #: #Project ID
Project #: -

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MANAGEMENT

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EXISTING SITE PLAN

SCALE: 1:200

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SCALE: 1:200

Certificación: Yo, **Eduardo M. Ramírez Ballajara, arquitecto** licenciado, con número de licencia **19396** certifico que soy el profesional que firma estos planos, y que estos planos fueron preparados bajo mi supervisión. También, certifico que entiendo que dichos planos y especificaciones deben cumplir con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Construcción y Uso de Terrenos de la Junta de Planificación, Reglamentos Municipales o Corporaciones Públicas de jurisdicción. Certifico, además, que en la preparación de estos planos he cumplido con todas las disposiciones de la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, según aplicable, y que he procedido por desconocimiento o por negligencia ya sea por mi parte o de cualquiera de mis empleados, a cumplir con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Administración y Transformación de los Recursos Humanos en el Sistema Plurisentenciado" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, conocida como la "Ley de Patentes Municipales de 1938". Reconozco que cualquier violación a lo antes expuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Administración y Transformación de los Recursos Humanos en el Sistema Plurisentenciado" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, conocida como la "Ley de Patentes Municipales de 1938", constituye falsedad y que dicho procedimiento, me hacen responsable de cualquier acción judicial y

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EDUARDO RAMÍREZ BALLAJARA
ARQUITECTO
LICENCIA NÚM. 19396

Project:
Ave. Las Nereidas Improvement
CDBG-DR-000488
Barrio Pueblo
-
Cataño - PR

Project Info:
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Municipality of Cataño
Municipality of Cataño

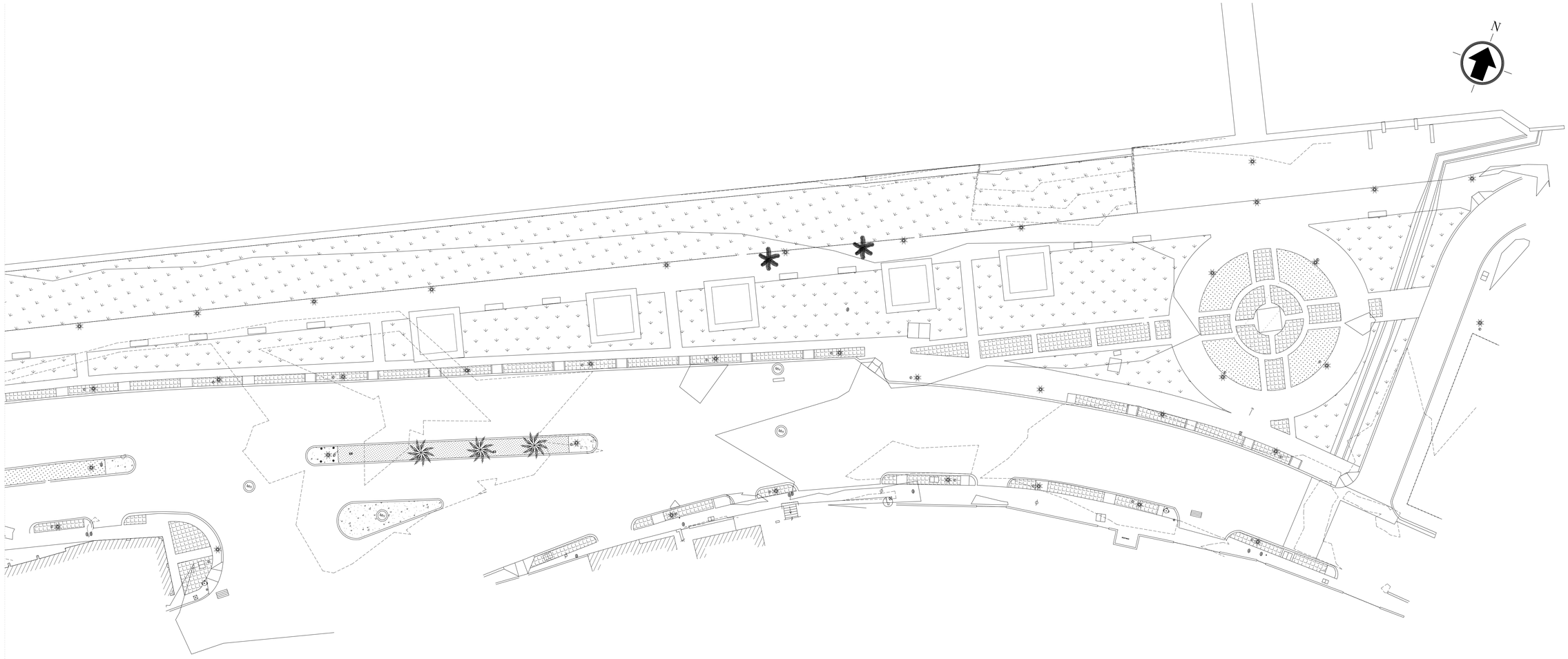
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MAY. 04, 2023
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Layout ID:
C-1.5

Revision:
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Modified by:
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Checked by:
Ing F.Rodriguez
Approved by
Ar.Gonzalez

Date
Description
Revision



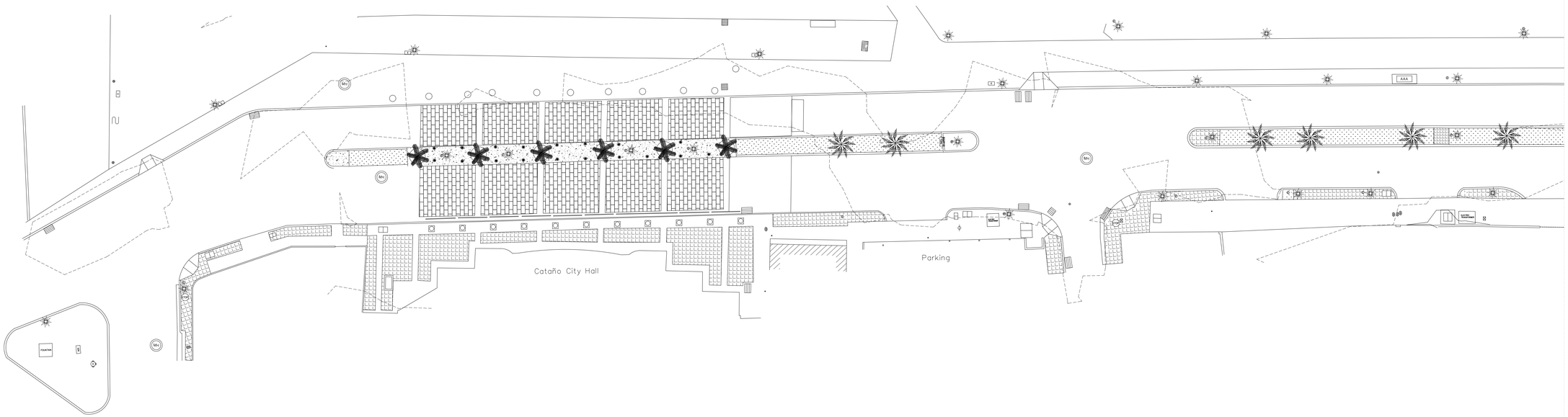
EXISTING SITE PLAN

SCALE: 1:200

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Certificación. M. Ramírez Ballajara, arquitecto licenciado, con número de licencia 19766 certifico que soy el profesional que ha preparado los planos y memorial descriptivo de este proyecto. También certifico que entiendo que dichos planos y memorial descriptivo cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Zonificación y Lotificación, Mini-Lagos, Avisos, Reglamentos o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y memorial descriptivo he ejercido el cuidado profesional dispuesto en la Ley Núm. 14, de 8 de enero de 2004, según enmendada, según aplicable a la industria Puertorriqueña y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable a la práctica de la profesión de ingeniería ya sea por mí, o por cualquier persona bajo mi supervisión. Reconozco que cualquier error o falta en estos planos y memorial descriptivo causado por desconocimiento o por negligencia ya sea por mí, o por cualquier persona bajo mi supervisión, puede ser procesado en la Corte de Justicia Puertorriqueña y con la Junta Examinadora de Ingenieros, Agrimensores y Arquitectos, según aplicable en la Ley Núm. 14, de 8 de enero de 2004, según enmendada, según aplicable a la práctica de la profesión de ingeniería. Certifico, además, que en la preparación de estos planos y memorial descriptivo he ejercido el cuidado profesional dispuesto en la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable a la práctica de la profesión de ingeniería



DEMOLITION PLAN

SCALE: 1:200

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SCALE: 1:200

LEGEND

- CONCRETE, METAL OR WOOD STRUCTURE TO BE DEMOLISHED
- EXISTING CONCRETE PADS TO BE DEMOLISHED OR GREEN AREA TO REMOVER.
- EXISTING SIDEWALK CURB OR GUTTER TO BE DEMOLISHED OR REMOVED
- EXISTING PAVER TO BE DEMOLISHED OR REMOVED.
- EXISTING TREE, TO BE REMOVED.
- EXISTING TREE OR PALM TO REMAIN AND PROTECTED FROM DAMAGED

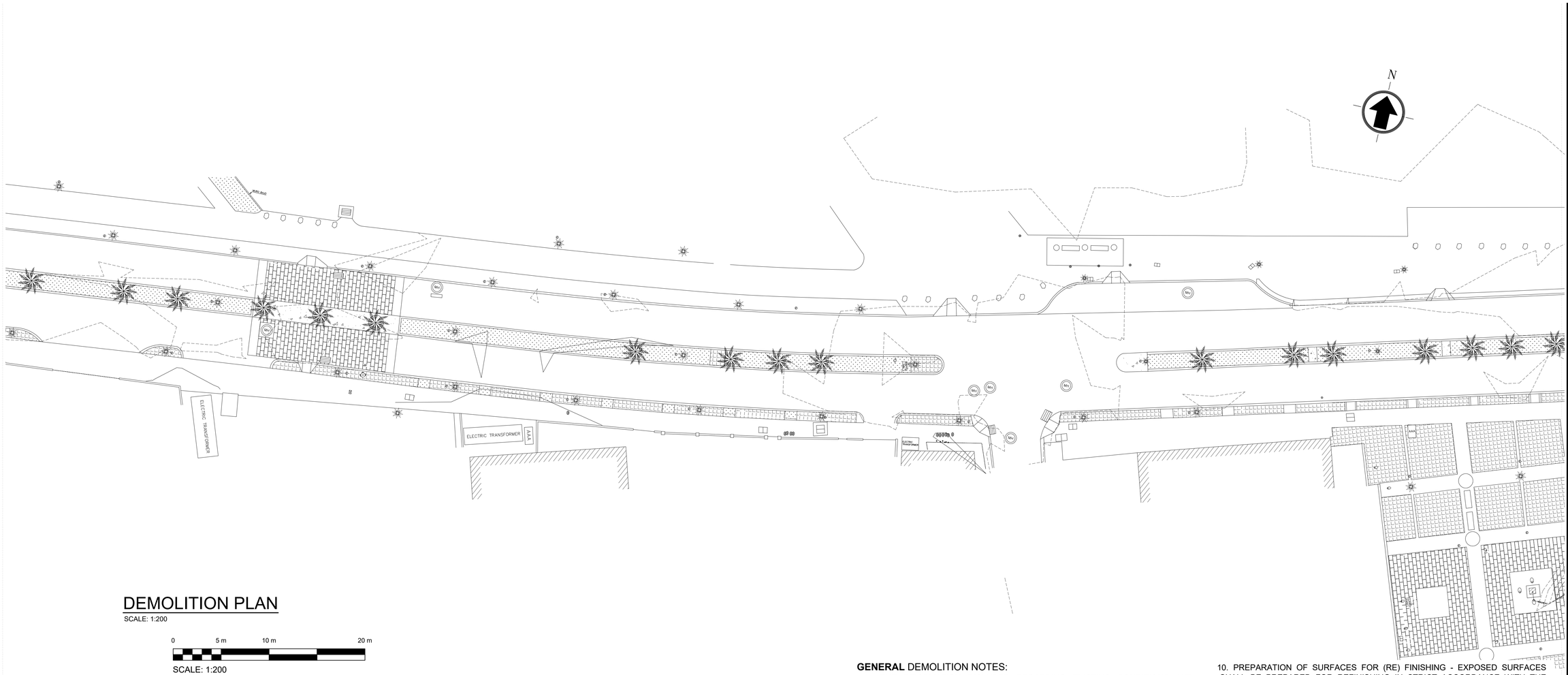
DEMOLITION NOTES:

1. EXISTING WOOD OR CONCRETE STRUCTURE TO BE DEMOLISHED.
2. EXISTING CONCRETE SLAB AND GREEN AREA TO BE DEMOLISHED AND USED AS CONSTRUCTION ENTRANCE, SEE CES PLAN.
3. EXISTING PAVER SIDEWALK TO BE REMOVED.
4. EXISTING ADJACENT BUILDING TO REMAIN AND PROTECTED FROM DAMAGED.
5. EXISTING INLET, PIPE TO BE RELOCATED, ABANDONED, OR REMOVED.
6. EXISTING ELECTRICAL POLE AND CABLE TO REMAIN AND PROTECTED FROM DAMAGE.
7. EXISTING TREE TO BE REMOVED AND TRANSPLANTING TO NEW LOCATION, FOR MORE INFORMATION SEE ARCHITECTURE DRAWING. EXISTING PLANTING AREA TO BE DEMOLISHED.
8. EXISTING VALVE, PIPE AND MANHOLE FOR REUSE AND PROTECTED FROM DAMAGED.
9. EXISTING COMMUNICATION MH TO REMAIN AND PROTECTED FROM DAMAGE.
10. EXISTING ELECTRICAL MH TO REMAIN AND PROTECTED FROM DAMAGE.
11. EXISTING INLET TO REUSE AND PROTECTED FROM DAMAGED.
12. EXISTING SIDEWALK, CURB AND GUTTER TO BE DEMOLISHED.
13. EXISTING PULL BOX TO REUSE AND PROTECTED FROM DAMAGED.

GENERAL DEMOLITION NOTES:

1. THE INFORMATION INCLUDED REGARDING EXISTING CONDITIONS AND REQUIRED DEMOLITION, IS OFFERED AS A GENERAL GUIDE OF THE EXISTING CONDITIONS AND DEMOLITION REQUIRED. THE INFORMATION INCLUDED DOES NOT REPRESENT AN EXHAUSTIVE RESEARCH OF THE EXISTING CONDITIONS NOR THE DEMOLITION WORKS REQUIRED. THE CONTRACTOR SHALL USE THESE DOCUMENTS AND INFORMATION AS A WORKING TOOL IN PREPARING HIS OWN INVESTIGATION OF THE EXISTING CONDITIONS AND THE DEMOLITION REQUIRED FOR.
2. THE INFORMATION, DRAWINGS AND NOTES INCLUDED, OR THE INVOLUNTARILY OMISSION OF OTHER DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY OF VISITING THE SITE AND MAKE HIMSELF COMPLETELY AWARE OF ALL THE CONDITIONS INVOLVED IN THE PROJECT; OF PREPARING HIS OWN EXISTING CONDITIONS AND DEMOLITION RESEARCH, AND TO INCLUDE THE NECESSARY COSTS ON HIS BID TO COVER ALL THE REQUIRED DEMOLITION TO COMPLETE THE CONSTRUCTION WORKS, AS REQUIRED ON THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL ACQUIRE THE OWNER'S APPROVAL PRIOR TO DISCONNECTING ANY BUILDING UTILITIES.
4. REQUIRED DEMOLITION WORK THAT IS NOT SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO PROCEEDING WITH THE WORK.
5. DEMOLITION WORK SHALL NOT INTERFERE WITH THE NORMAL DAY TO DAY OPERATIONS OF THE ROADS AND ADJACENT BUILDINGS.
6. CONTRACTOR SHALL OBTAIN UNDERGROUND UTILITIES AS-BUILT FROM OWNER, BEFORE PROCEEDING WITH DEMOLITION.
7. ALL DEMOLITION TO BE COORDINATED WITH OTHER DISCIPLINES BEFORE PROCEEDING WITH THIS WORK.
8. SALVAGEABLE MATERIALS - SOME PRODUCTS AND MATERIALS SHALL BE REMOVED AND STORED FOR POSSIBLE REUSE BY OWNER. COORDINATE THE EXTENT OF SALVAGE WITH THE UTILITIES PLANS, OWNER, AND SITE ENGINEER. THIS ITEMS SHALL BE REMOVED WITHOUT DAMAGING THE ITEM & STORED WHERE INDICATED BY THE OWNER.
9. NON SALVAGEABLE MATERIALS - MATERIAL AND INSTALLATIONS NOT SALVAGEABLE SHALL BE REMOVED AND DISPOSED OF LEGALLY. ENSURE THAT DEBRIS AND OTHER VESTIGES OF ABANDONED INSTALLATIONS DELETERIOUS TO SAFETY, MAINTENANCE, HYGIENE, OVERALL NEATNESS AND VISUAL APPEARANCE ARE REMOVED.
10. PREPARATION OF SURFACES FOR (RE) FINISHING - EXPOSED SURFACES SHALL BE PREPARED FOR REFINISHING IN STRICT ACCORDANCE WITH THE FINISH MANUFACTURER'S RECOMMENDATIONS. THE USE OF SOLVENTS AND OTHER FLAMMABLE VOLATILE OR TOXIC MATERIALS, IF PERMISSIBLE, SHALL BE DONE IN WELL VENTILATED AREAS AND USING SAFETY EQUIPMENT AND MEASURES REQUIRED BY PROSHA STANDARDS (AND THOSE OF OTHER REGULATORY AGENCIES HAVING JURISDICTION) AND THOSE OF THE COMMON SENSE.
11. EXISTING CONSTRUCTION TO REMAIN SHALL BE PROPERLY PROTECTED FROM THE DEMOLITION WORK.
12. REPAIR TO OWNER'S SATISFACTION AREAS AND SURFACES AFFECTED BY CONSTRUCTION WORKS INCLUDING BUT NOT NECESSARILY LIMITED TO SIDEWALK, GUTTER WALLS, FLOOR AND CEILING SURFACES. THE DAMAGES BY DEMOLITION WORK SHALL BE RESTORED TO IT'S ORIGINAL CONDITION.
13. DEMOLITION WORKS REQUIRED FOR PLUMBING, MECHANICAL AND ELECTRICAL TRADES ARE NOT NECESSARILY SHOWN ON DEMOLITION DRAWING'S. REVIEW THOSE TRADES CONSTRUCTION DRAWINGS TO INCLUDE IN THE BID ALL NECESSARY DEMOLITION WORKS. AREAS WHERE CUTTING OR DEMOLITION ARE REQUIRED FOR NEW CONSTRUCTION, SHALL BE REPAIRED, RECONSTRUCTED AND PATCHED TO MATCH EXISTING OR NEW ADJACENT SURFACES FINISH.
14. FIELD VERIFY ALL DIMENSIONS PRIOR TO START ANY CONSTRUCTION WORK. DISCREPANCIES BETWEEN DIMENSIONS ON DRAWINGS AND FIELD CONDITIONS SHALL BE IMMEDIATELY NOTIFIED TO THE ARCHITECT. NO WORK SHALL PROCEED UNTIL SPECIFIC INSTRUCTIONS BY THE ARCHITECT ARE PROVIDED.
15. TAKE PRECAUTIONS DURING DEMOLITION OF EXISTING SYSTEMS. ANY SYSTEM TO REMAIN THAT IS DAMAGED DURING THE DEMOLITION AND/ OR CONSTRUCTION WORKS, SHALL BE RESTORED AND/ OR REPLACED TO ORIGINAL CONDITION. PIPES, CONDUITS AND FITTINGS INSIDE WALLS TO BE DEMOLISHED SHALL BE REMOVED.
16. ALL HAIRLINE CRACKS (GRIETAS) SHALL BE CORRECTED WITH ELASTOMERIC PLASTER: VIP BRUCHABLE SEALANT 5100. $\frac{8}{64}$" TO $\frac{1}{4}$" CRACKS SHALL BE REPAIRED WITH ELASTOMERIC PLASTER: VIP KNIFE GRADE SEALANT 5300.
17. REMOVE AND CAP ALL ELECTRICAL FIXTURES COMPLETELY.
18. ALL CONCRETE SURFACES SHALL BE 3,000 PSI PRESSURE WASHED TO KEEP ALL AREAS FREE OF LIME, DUST AND SALTPETER (SALITRE).
19. ASBESTOS AND LEAD STUDIES SHALL BE PERFORMED PRIOR TO ANY DEMOLITION.
20. ANY DEMOLITION AFFECTING PRASA, PREPA OR DTOP UTILITIES SHALL BE COORDINATED WITH THE CORRESPONDING AGENCY PRIOR TO ANY WORK.

Certificación M. Ramírez Ballagas, arquitecto Licenciado, Número de licencia 19766 certifico que soy el profesional que realizó los planos y la documentación técnica. También, certifico que entiendo que dichos planos y documentos cumplen con el Reglamento Conjunto y las disposiciones aplicables de los Juntas Reglamentadoras o Corporaciones Públicas, jurisdicción. Certifico, además, que en la preparación de estos planos / documentos se ha cumplido con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según Industria Puertorriqueña" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable). Reconozco que cualquier incumplimiento o por negligencia ya sea por mi, por mis empleados o por cualquier persona que trabaje bajo mi dirección, conforme a la Ley Núm. 14 de 8 de enero de 2004, según enmendada, y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable. Reconozco que cualquier incumplimiento o por negligencia ya sea por mi, por mis empleados o por cualquier persona que trabaje bajo mi dirección, conforme a la Ley Núm. 14 de 8 de enero de 2004, según enmendada, y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable).



DEMOLITION PLAN

SCALE: 1:200

0 5 m 10 m 20 m

SCALE: 1:200

LEGEND

- CONCRETE, METAL OR WOOD STRUCTURE TO BE DEMOLISHED
- EXISTING CONCRETE PADS TO BE DEMOLISHED OR GREEN AREA TO REMOVER.
- EXISTING SIDEWALK CURB OR GUTTER TO BE DEMOLISHED OR REMOVED
- EXISTING PAVER TO BE DEMOLISHED OR REMOVED.
- EXISTING TREE, TO BE REMOVED.
- EXISTING TREE OR PALM TO REMAIN AND PROTECTED FROM DAMAGED

DEMOLITION NOTES:

1. EXISTING WOOD OR CONCRETE STRUCTURE TO BE DEMOLISHED.
2. EXISTING CONCRETE SLAB AND GREEN AREA TO BE DEMOLISHED AND USED AS CONSTRUCTION ENTRANCE, SEE CES PLAN.
3. EXISTING PAVER SIDEWALK TO BE REMOVED.
4. EXISTING ADJACENT BUILDING TO REMAIN AND PROTECTED FROM DAMAGED.
5. EXISTING INLET, PIPE TO BE RELOCATED, ABANDONED, OR REMOVED.
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7. EXISTING TREE TO BE REMOVED AND TRANSPLANTING TO NEW LOCATION, FOR MORE INFORMATION SEE ARCHITECTURE DRAWING. EXISTING PLANTING AREA TO BE DEMOLISHED.
8. EXISTING VALVE, PIPE AND MANHOLE FOR REUSE AND PROTECTED FROM DAMAGED.
9. EXISTING COMMUNICATION MH TO REMAIN AND PROTECTED FROM DAMAGE.
10. EXISTING ELECTRICAL MH TO REMAIN AND PROTECTED FROM DAMAGE.
11. EXISTING INLET TO REUSE AND PROTECTED FROM DAMAGED.
12. EXISTING SIDEWALK, CURB AND GUTTER TO BE DEMOLISHED.
13. EXISTING PULL BOX TO REUSE AND PROTECTED FROM DAMAGED.

GENERAL DEMOLITION NOTES:

1. THE INFORMATION INCLUDED REGARDING EXISTING CONDITIONS AND REQUIRED DEMOLITION, IS OFFERED AS A GENERAL GUIDE OF THE EXISTING CONDITIONS AND DEMOLITION REQUIRED. THE INFORMATION INCLUDED DOES NOT REPRESENT AN EXHAUSTIVE RESEARCH OF THE EXISTING CONDITIONS NOR THE DEMOLITION WORKS REQUIRED. THE CONTRACTOR SHALL USE THESE DOCUMENTS AND INFORMATION AS A WORKING TOOL IN PREPARING HIS OWN INVESTIGATION OF THE EXISTING CONDITIONS AND THE DEMOLITION REQUIRED FOR.
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3. THE CONTRACTOR SHALL ACQUIRE THE OWNER'S APPROVAL PRIOR TO DISCONNECTING ANY BUILDING UTILITIES.
4. REQUIRED DEMOLITION WORK THAT IS NOT SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO PROCEEDING WITH THE WORK.
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16. ALL HAIRLINE CRACKS (GRIETAS) SHALL BE CORRECTED WITH ELASTOMERIC PLASTER: VIP BRUCHABLE SEALANT 5100. $\frac{3}{64}$" TO $\frac{1}{4}$" CRACKS SHALL BE REPAIRED WITH ELASTOMERIC PLASTER: VIP KNIFE GRADE SEALANT 5300.
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Rev. | Description | Date

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Certification: M. Ramirez Ballagas, arquitecto. Licencia Número de licencia 19756 certifico que soy el profesional que firma este documento, cumplo con los requisitos establecidos en la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplique. Reconozco que cualquier error u omisión en el documento, producido por desconocimiento o por negligencia ya sea por mi, por mis empleados o por cualquier persona bajo mi dirección, me hacen responsable de cualquier acción judicial y administrativa que se entable en mi contra. También, certifico que entiendo que de acuerdo a la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplique, Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación, Reglamento de Construcciones Públicas, Reglamento de Construcciones Públicas, además, que en la preparación de estos planos y documentos de construcción, cumplí con las disposiciones establecidas en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Reforma de la Industria Puertorriqueña" y con la Ley Núm. 119 de 30 de junio de 1976, según enmendada, según aplique. Reconozco que cualquier error u omisión en el documento, producido por desconocimiento o por negligencia ya sea por mi, por mis empleados o por cualquier persona bajo mi dirección, me hacen responsable de cualquier acción judicial y administrativa que se entable en mi contra.

Project:
Ave. Las Nereidas Improvement
CDBG-DR-000488
Barrio Pueblo
-
Cataño - PR

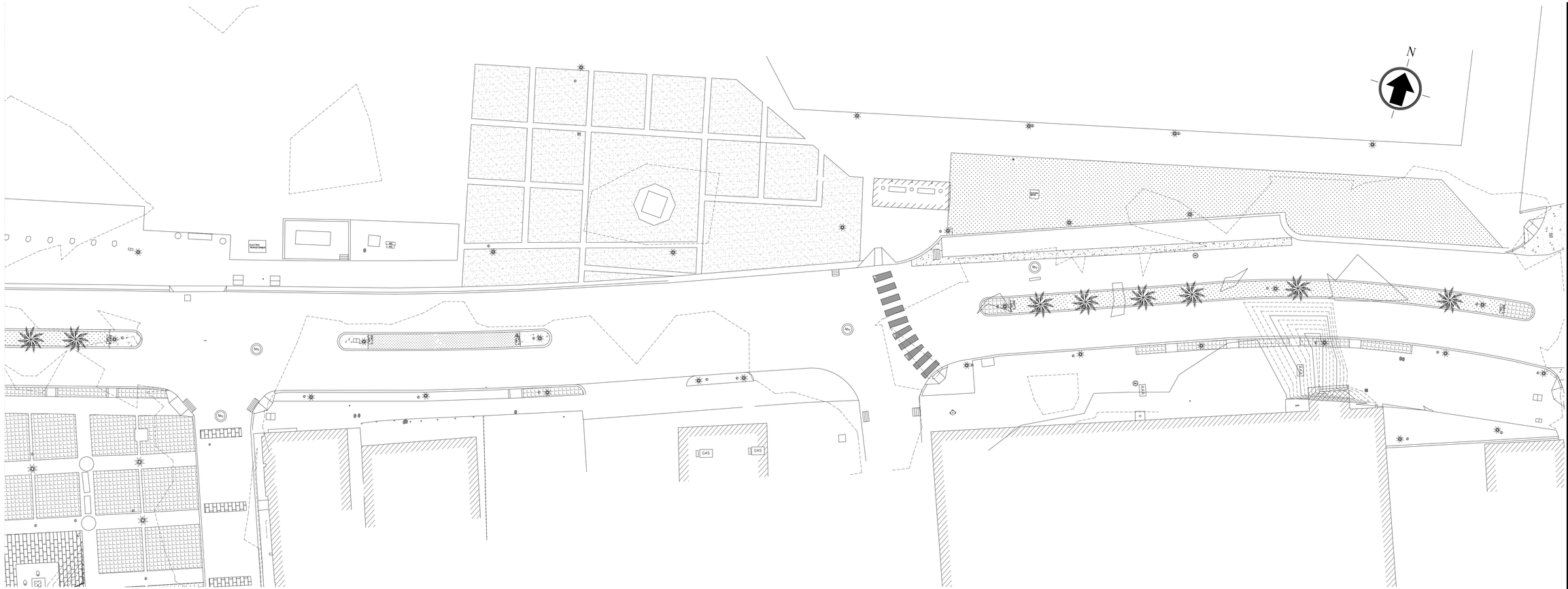
Client:
-
Municipality of Cataño
Municipality of Cataño
Mayor/ Pres./ Chairman Name

Project Info:
Cadastre: -
ID #: #Project ID
Project #: -
/

Drawing Name:
DEMOLITION PLAN

Date:
MAY. 04, 2023
Drawing Scale:
1:200
Drawing Status:
DESIGN DEVELOPMENT PHASE- 60%

Layout ID:
C-2.2
Revision:
-
Modified by:
-
Checked by:
Ing. F.Rodriguez
Approved by
Ar.nombre



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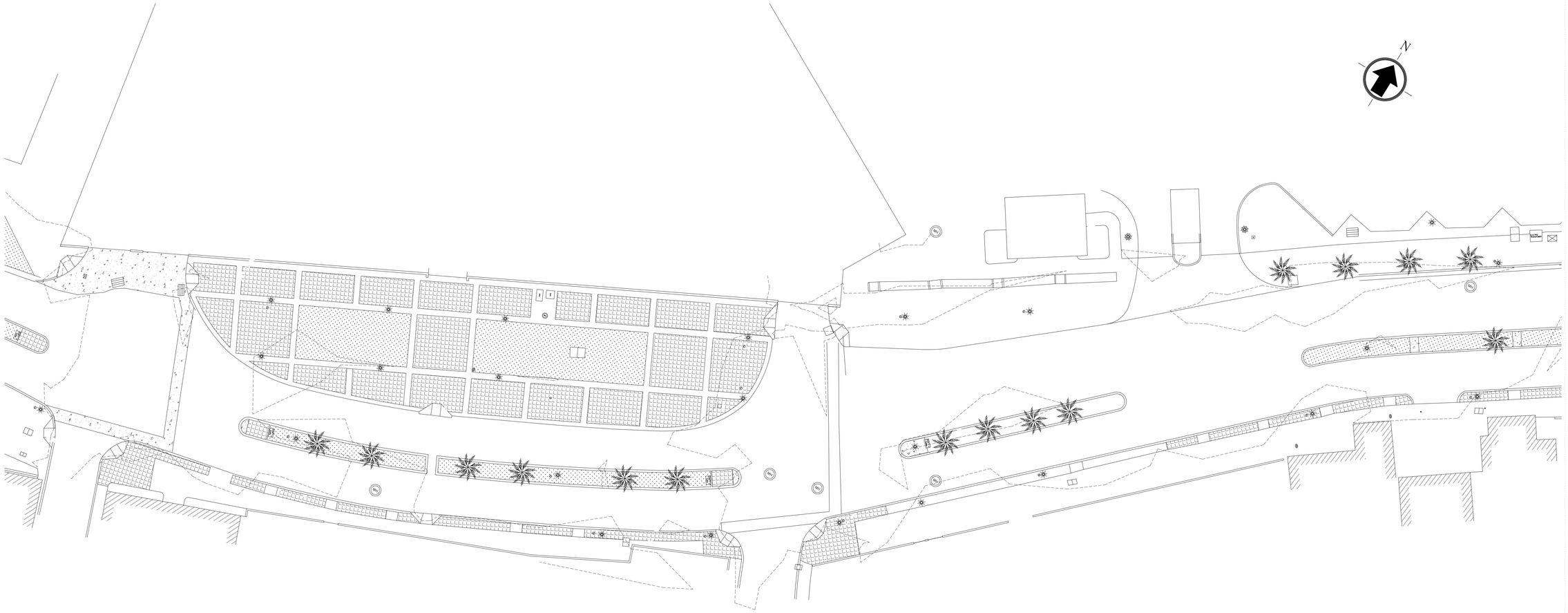
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PSC 284
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Certificación M. Ramírez Ballagas, arquitecto licenciado, con número de licencia 15766 certifico que soy el profesional que firma los planos y documentos técnicos de este proyecto y que los mismos, cerifico que entiendo que dichos planos y documentos técnicos cumplen con las disposiciones del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales y Federales vigentes a la fecha de esta firma. Reglamentación Conjunto, Reglamentos Locales o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y documentos técnicos no he incurrido en dolo, culpa o negligencia ni en violación alguna de derechos de propiedad intelectual, según dispuesto en la Ley Núm. 14, de 8 de enero de 2004, según enmendada, conocida como la "Ley de Propiedad Intelectual de la Industria Puertorriqueña" y con la Ley Núm. 3 de 15 de marzo de 1966, según enmendada, según aplicable. También, certifico que ningún documento o plano incluido en este proyecto ha sido plagiado por desconocimiento o por negligencia ya sea por mi persona o por cualquier persona bajo mi supervisión y dirección. Reglamentación



DEMOLITION PLAN

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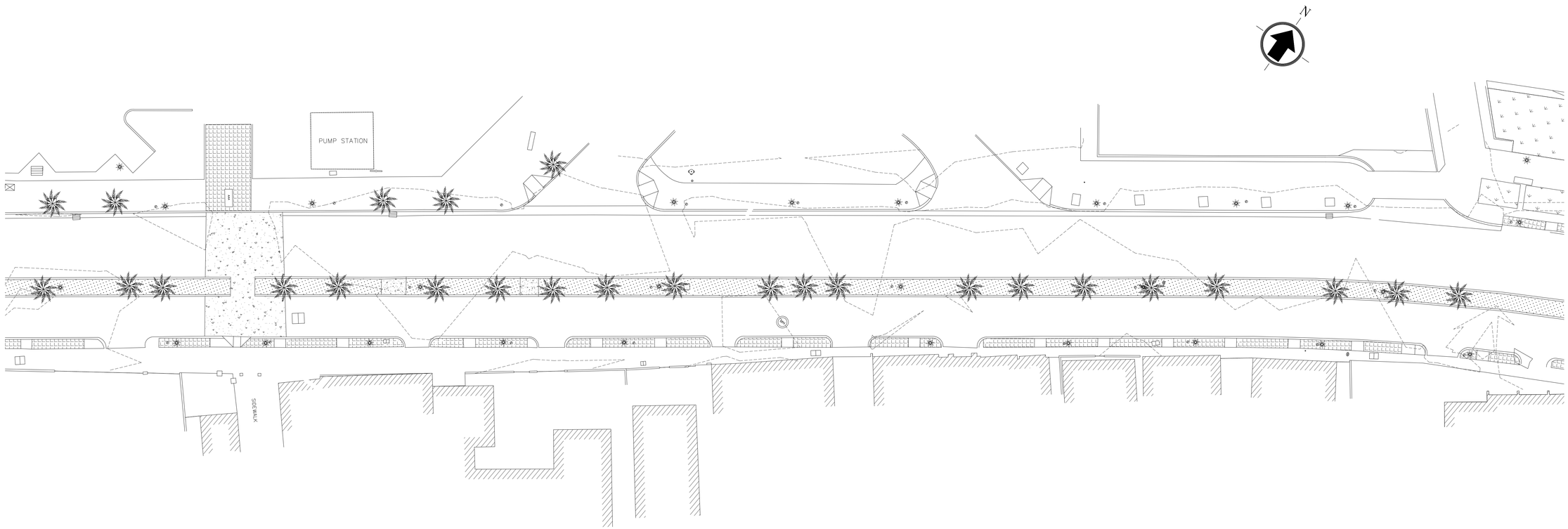
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Certification: I, Eduardo M. Ramirez Ballajas, arquitecto licenciado, con número de licencia 13766 certifico que soy el profesional que ejerce la responsabilidad profesional sobre los planos y documentos aquí incluidos. También, certifico que entiendo que dichos planos y documentos fueron preparados de acuerdo con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales y Estatales de Construcción vigentes en Puerto Rico. Reglamento Conjunto de Permisos para Obras de Construcción y Uso de Terrenos y Reglamento de Lotificación y Urbanización, Reglamentación Uniforme para la Industria Prefabricada y de Casas Móviles, Reglamento de Zonificación, Reglamentación Uniforme para la Industria Puertorriqueña del Cemento y el Concreto, Reglamentación Uniforme para la Industria Puertorriqueña del Acero, Reglamentación Uniforme para la Industria Puertorriqueña de la Madera, Reglamentación Uniforme para la Industria Puertorriqueña del Aluminio, Reglamentación Uniforme para la Industria Puertorriqueña del Vidrio, Reglamentación Uniforme para la Industria Puertorriqueña de Plomería, Reglamentación Uniforme para la Industria Puertorriqueña de Electricidad, Reglamentación Uniforme para la Industria Puertorriqueña de Rociadores contra Incendios, Reglamentación Uniforme para la Industria Puertorriqueña de Pintura, Reglamentación Uniforme para la Industria Puertorriqueña de Impermeabilización, Reglamentación Uniforme para 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DEMOLITION PLAN

SCALE: 1:200

0 5 m 10 m 20 m

SCALE: 1:200

LEGEND

- CONCRETE, METAL OR WOOD STRUCTURE TO BE DEMOLISHED
- EXISTING CONCRETE PADS TO BE DEMOLISHED OR GREEN AREA TO REMOVER.
- EXISTING SIDEWALK CURB OR GUTTER TO BE DEMOLISHED OR REMOVED
- EXISTING PAVER TO BE DEMOLISHED OR REMOVED.
- EXISTING TREE, TO BE REMOVED.
- EXISTING TREE OR PALM TO REMAIN AND PROTECTED FROM DAMAGED

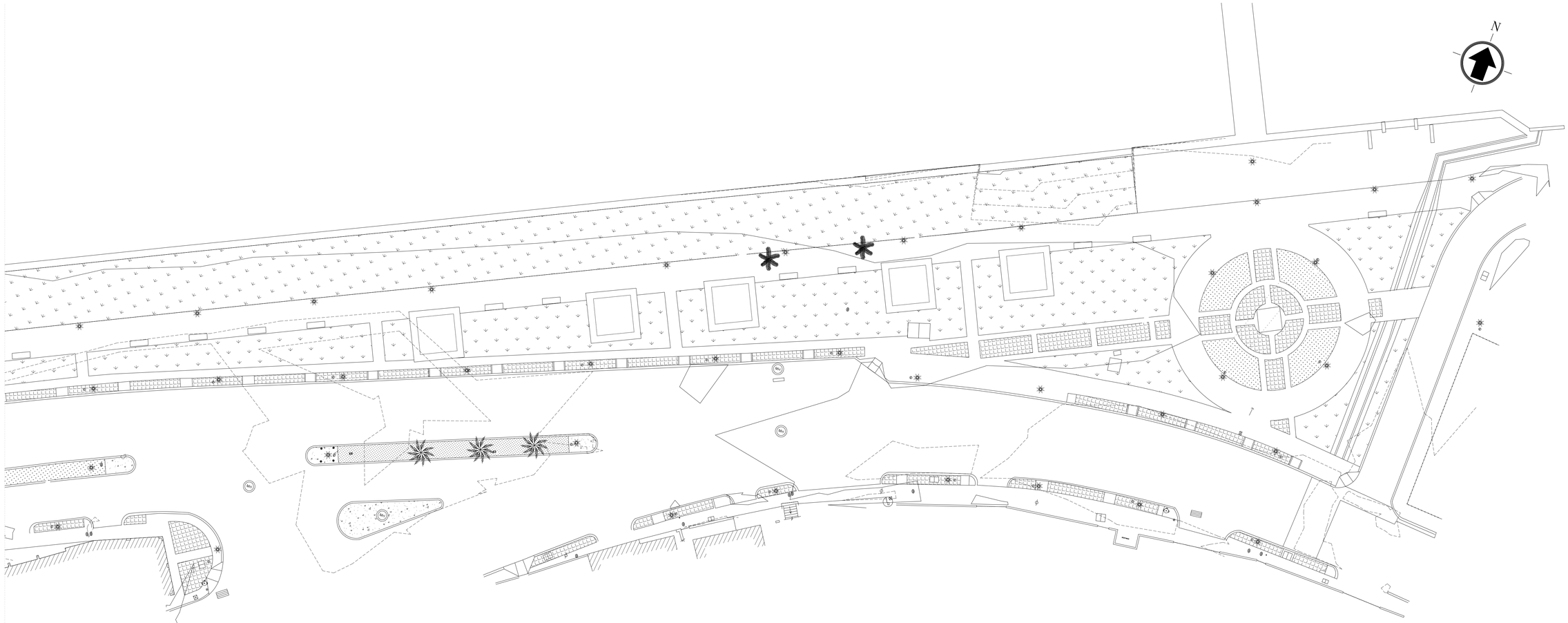
DEMOLITION NOTES:

1. EXISTING WOOD OR CONCRETE STRUCTURE TO BE DEMOLISHED.
2. EXISTING CONCRETE SLAB AND GREEN AREA TO BE DEMOLISHED AND USED AS CONSTRUCTION ENTRANCE, SEE CES PLAN.
3. EXISTING PAVER SIDEWALK TO BE REMOVED.
4. EXISTING ADJACENT BUILDING TO REMAIN AND PROTECTED FROM DAMAGED.
5. EXISTING INLET, PIPE TO BE RELOCATED, ABANDONED, OR REMOVED.
6. EXISTING ELECTRICAL POLE AND CABLE TO REMAIN AND PROTECTED FROM DAMAGE.
7. EXISTING TREE TO BE REMOVED AND TRANSPLANTING TO NEW LOCATION, FOR MORE INFORMATION SEE ARCHITECTURE DRAWING. EXISTING PLANTING AREA TO BE DEMOLISHED.
8. EXISTING VALVE, PIPE AND MANHOLE FOR REUSE AND PROTECTED FROM DAMAGED.
9. EXISTING COMMUNICATION MH TO REMAIN AND PROTECTED FROM DAMAGE.
10. EXISTING ELECTRICAL MH TO REMAIN AND PROTECTED FROM DAMAGE.
11. EXISTING INLET TO REUSE AND PROTECTED FROM DAMAGED.
12. EXISTING SIDEWALK, CURB AND GUTTER TO BE DEMOLISHED.
13. EXISTING PULL BOX TO REUSE AND PROTECTED FROM DAMAGED.

GENERAL DEMOLITION NOTES:

1. THE INFORMATION INCLUDED REGARDING EXISTING CONDITIONS AND REQUIRED DEMOLITION, IS OFFERED AS A GENERAL GUIDE OF THE EXISTING CONDITIONS AND DEMOLITION REQUIRED. THE INFORMATION INCLUDED DOES NOT REPRESENT AN EXHAUSTIVE RESEARCH OF THE EXISTING CONDITIONS NOR THE DEMOLITION WORKS REQUIRED. THE CONTRACTOR SHALL USE THESE DOCUMENTS AND INFORMATION AS A WORKING TOOL IN PREPARING HIS OWN INVESTIGATION OF THE EXISTING CONDITIONS AND THE DEMOLITION REQUIRED FOR.
2. THE INFORMATION, DRAWINGS AND NOTES INCLUDED, OR THE INVOLUNTARILY OMISSION OF OTHER DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY OF VISITING THE SITE AND MAKE HIMSELF COMPLETELY AWARE OF ALL THE CONDITIONS INVOLVED IN THE PROJECT; OF PREPARING HIS OWN EXISTING CONDITIONS AND DEMOLITION RESEARCH, AND TO INCLUDE THE NECESSARY COSTS ON HIS BID TO COVER ALL THE REQUIRED DEMOLITION TO COMPLETE THE CONSTRUCTION WORKS, AS REQUIRED ON THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL ACQUIRE THE OWNER'S APPROVAL PRIOR TO DISCONNECTING ANY BUILDING UTILITIES.
4. REQUIRED DEMOLITION WORK THAT IS NOT SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO PROCEEDING WITH THE WORK.
5. DEMOLITION WORK SHALL NOT INTERFERE WITH THE NORMAL DAY TO DAY OPERATIONS OF THE ROADS AND ADJACENT BUILDINGS.
6. CONTRACTOR SHALL OBTAIN UNDERGROUND UTILITIES AS-BUILT FROM OWNER, BEFORE PROCEEDING WITH DEMOLITION.
7. ALL DEMOLITION TO BE COORDINATED WITH OTHER DISCIPLINES BEFORE PROCEEDING WITH THIS WORK.
8. SALVAGEABLE MATERIALS - SOME PRODUCTS AND MATERIALS SHALL BE REMOVED AND STORED FOR POSSIBLE REUSE BY OWNER. COORDINATE THE EXTENT OF SALVAGE WITH THE UTILITIES PLANS, OWNER, AND SITE ENGINEER. THIS ITEMS SHALL BE REMOVED WITHOUT DAMAGING THE ITEM & STORED WHERE INDICATED BY THE OWNER.
9. NON SALVAGEABLE MATERIALS - MATERIAL AND INSTALLATIONS NOT SALVAGEABLE SHALL BE REMOVED AND DISPOSED OF LEGALLY. ENSURE THAT DEBRIS AND OTHER VESTIGES OF ABANDONED INSTALLATIONS DELETERIOUS TO SAFETY, MAINTENANCE, HYGIENE, OVERALL NEATNESS AND VISUAL APPEARANCE ARE REMOVED.
10. PREPARATION OF SURFACES FOR (RE) FINISHING - EXPOSED SURFACES SHALL BE PREPARED FOR REFINISHING IN STRICT ACCORDANCE WITH THE FINISH MANUFACTURER'S RECOMMENDATIONS. THE USE OF SOLVENTS AND OTHER FLAMMABLE VOLATILE OR TOXIC MATERIALS, IF PERMISSIBLE, SHALL BE DONE IN WELL VENTILATED AREAS AND USING SAFETY EQUIPMENT AND MEASURES REQUIRED BY PROSHA STANDARDS (AND THOSE OF OTHER REGULATORY AGENCIES HAVING JURISDICTION) AND THOSE OF THE COMMON SENSE.
11. EXISTING CONSTRUCTION TO REMAIN SHALL BE PROPERLY PROTECTED FROM THE DEMOLITION WORK.
12. REPAIR TO OWNER'S SATISFACTION AREAS AND SURFACES AFFECTED BY CONSTRUCTION WORKS INCLUDING BUT NOT NECESSARILY LIMITED TO SIDEWALK, GUTTER WALLS, FLOOR AND CEILING SURFACES. THE DAMAGES BY DEMOLITION WORK SHALL BE RESTORED TO IT'S ORIGINAL CONDITION.
13. DEMOLITION WORKS REQUIRED FOR PLUMBING, MECHANICAL AND ELECTRICAL TRADES ARE NOT NECESSARILY SHOWN ON DEMOLITION DRAWING'S. REVIEW THOSE TRADES CONSTRUCTION DRAWINGS TO INCLUDE IN THE BID ALL NECESSARY DEMOLITION WORKS. AREAS WHERE CUTTING OR DEMOLITION ARE REQUIRED FOR NEW CONSTRUCTION, SHALL BE REPAIRED, RECONSTRUCTED AND PATCHED TO MATCH EXISTING OR NEW ADJACENT SURFACES FINISH.
14. FIELD VERIFY ALL DIMENSIONS PRIOR TO START ANY CONSTRUCTION WORK. DISCREPANCIES BETWEEN DIMENSIONS ON DRAWINGS AND FIELD CONDITIONS SHALL BE IMMEDIATELY NOTIFIED TO THE ARCHITECT. NO WORK SHALL PROCEED UNTIL SPECIFIC INSTRUCTIONS BY THE ARCHITECT ARE PROVIDED.
15. TAKE PRECAUTIONS DURING DEMOLITION OF EXISTING SYSTEMS. ANY SYSTEM TO REMAIN THAT IS DAMAGED DURING THE DEMOLITION AND/ OR CONSTRUCTION WORKS, SHALL BE RESTORED AND/ OR REPLACED TO ORIGINAL CONDITION. PIPES, CONDUITS AND FITTINGS INSIDE WALLS TO BE DEMOLISHED SHALL BE REMOVED.
16. ALL HAIRLINE CRACKS (GRIETAS) SHALL BE CORRECTED WITH ELASTOMERIC PLASTER: VIP BRUCHABLE SEALANT 5100. $\frac{3}{8}$" TO $\frac{1}{4}$" CRACKS SHALL BE REPAIRED WITH ELASTOMERIC PLASTER: VIP KNIFE GRADE SEALANT 5300.
17. REMOVE AND CAP ALL ELECTRICAL FIXTURES COMPLETELY.
18. ALL CONCRETE SURFACES SHALL BE 3,000 PSI PRESSURE WASHED TO KEEP ALL AREAS FREE OF LIME, DUST AND SALTPETER (SALITRE).
19. ASBESTOS AND LEAD STUDIES SHALL BE PERFORMED PRIOR TO ANY DEMOLITION.
20. ANY DEMOLITION AFFECTING PRASA, PREPA OR DTOP UTILITIES SHALL BE COORDINATED WITH THE CORRESPONDING AGENCY PRIOR TO ANY WORK.

Certificación: M. Ramírez Ballajes, arquitecto licenciado, número de licencia 19396 certifico que soy el profesional que firma este documento, tengo las competencias requeridas por ley, entiendo que dicho plano y documento cumple con las disposiciones aplicables de los Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales y Federales aplicables, incluyendo, pero no limitado a, el Reglamento de Uso de Suelos, Reglamento de Zonificación, Reglamento de Lotificación y Urbanización, Reglamento de Construcción, Reglamento de Rótulos y Anuncios, Reglamento de Parcelaciones, Reglamento de Urbanización y Construcciones, Reglamento de Edificación, Certifico, además, que en la preparación de estos documentos he cumplido con todas las disposiciones de la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, según aplicable, Reconozco que cualquier omisión o falsificación de información en este documento puede ser causa suficiente para que la Junta de Planificación de Puerto Rico, la Administración de Reglamentos y Permisos o cualquier agencia gubernamental con jurisdicción



DEMOLITION PLAN

SCALE: 1:200

0 5 m 10 m 20 m

SCALE: 1:200

LEGEND

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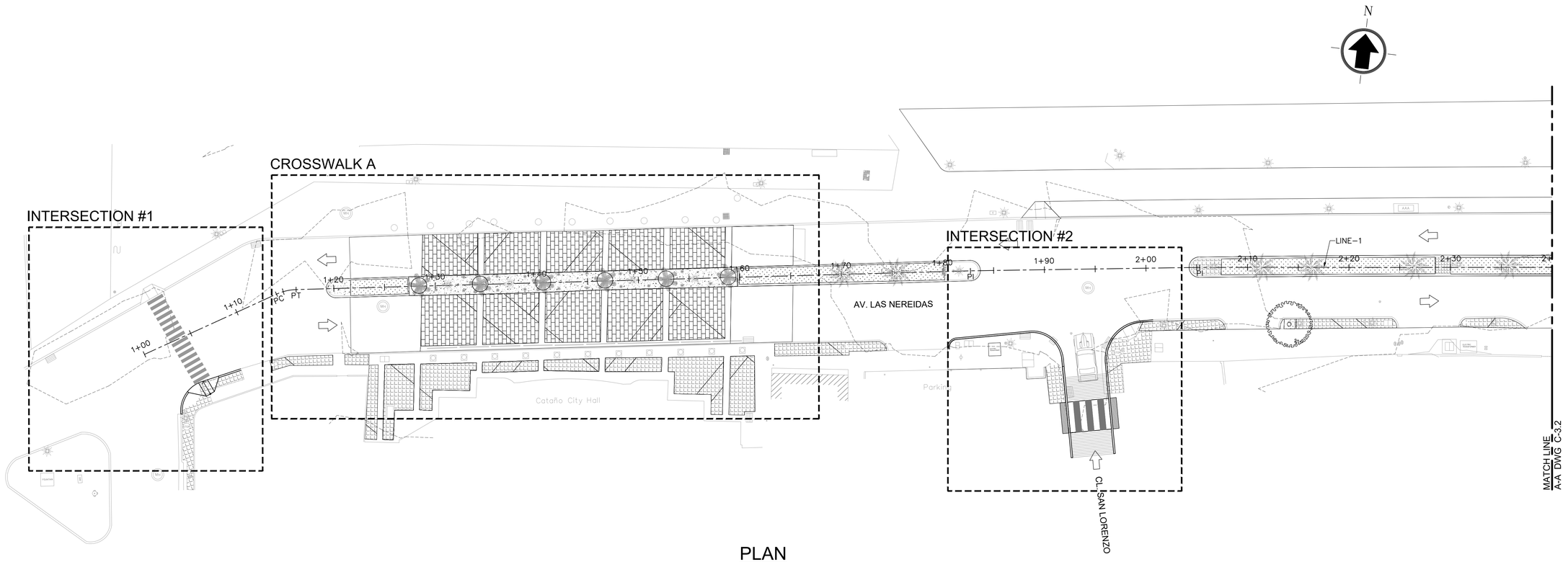
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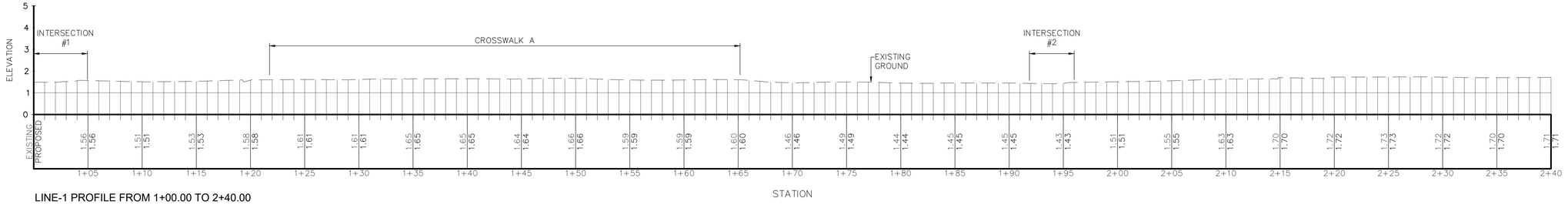
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Certificación: Eugenio M. Ramírez Bathgate, arquitecto licenciado, número de licencia 19766 certifico que soy el profesional que firma este documento, tengo la competencia y la licencia requerida por ley para ejercer la profesión de arquitectura en Puerto Rico. También, certifico que entiendo que dichos planos y especificaciones fueron preparados cumpliendo con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales de Zonificación y Ordenamiento Territorial de los Municipios Autónomos, Reglamentos Federales aplicables, Reglamentos Promulgados o no Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos documentos no he violado ningún derecho de propiedad intelectual según dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley de Propiedad Intelectual de la Industria Puertorriqueña" y con la Ley Núm. 3 de 15 de mayo de 1956, según enmendada, según aplicable. Asimismo, certifico que ningún derecho de propiedad intelectual de terceros ha sido violado por desconocimiento o por negligencia ya sea por mí, por mis empleados o por cualquier persona que trabaje bajo mi dirección. Reconozco que cualquier violación a lo anteriormente expuesto es causa suficiente para que la Junta Reglamentadora tome acción disciplinaria contra mi persona



PLAN

SCALE: 1:200



LINE-1 PROFILE FROM 1+00.00 TO 2+40.00

PROFILE

SCALE: 1:200

PROPOSED SITE PLAN & PROFILE

SCALE: 1:200

0 5 m 10 m 20 m

SCALE: 1:200

Certificación
Yo, Eduardo M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19356 certifico que soy el profesional que ha preparado estos planos y especificaciones. También, certifico que entiendo que dichos planos y especificaciones cumplen con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales y Estatales vigentes, así como las Normas Reglamentadas o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos, que en la preparación de estos planos, he cumplido con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicable. También, certifico que la Ley Núm. 3 de 15 de mayo de 1942, según enmendada, conocida como "Ley de Industria Puertorriqueña" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable. Reconozco que cualquier incumplimiento a por negligencia ya sea por mi parte o por parte de cualquier persona bajo mi supervisión, así como cualquier incumplimiento producido por desconocimiento a por negligencia ya sea por mi parte o por parte de cualquier persona bajo mi supervisión, me harán responsable de cualquier acción judicial y conocimiento, me harán responsable de cualquier acción judicial y

ERBA

Project:
Ave. Las Nereidas Improvement
CDBG-DR-000488
Barrio Pueblo
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Cataño - PR

Client:
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Municipality of Cataño
Municipality of Cataño

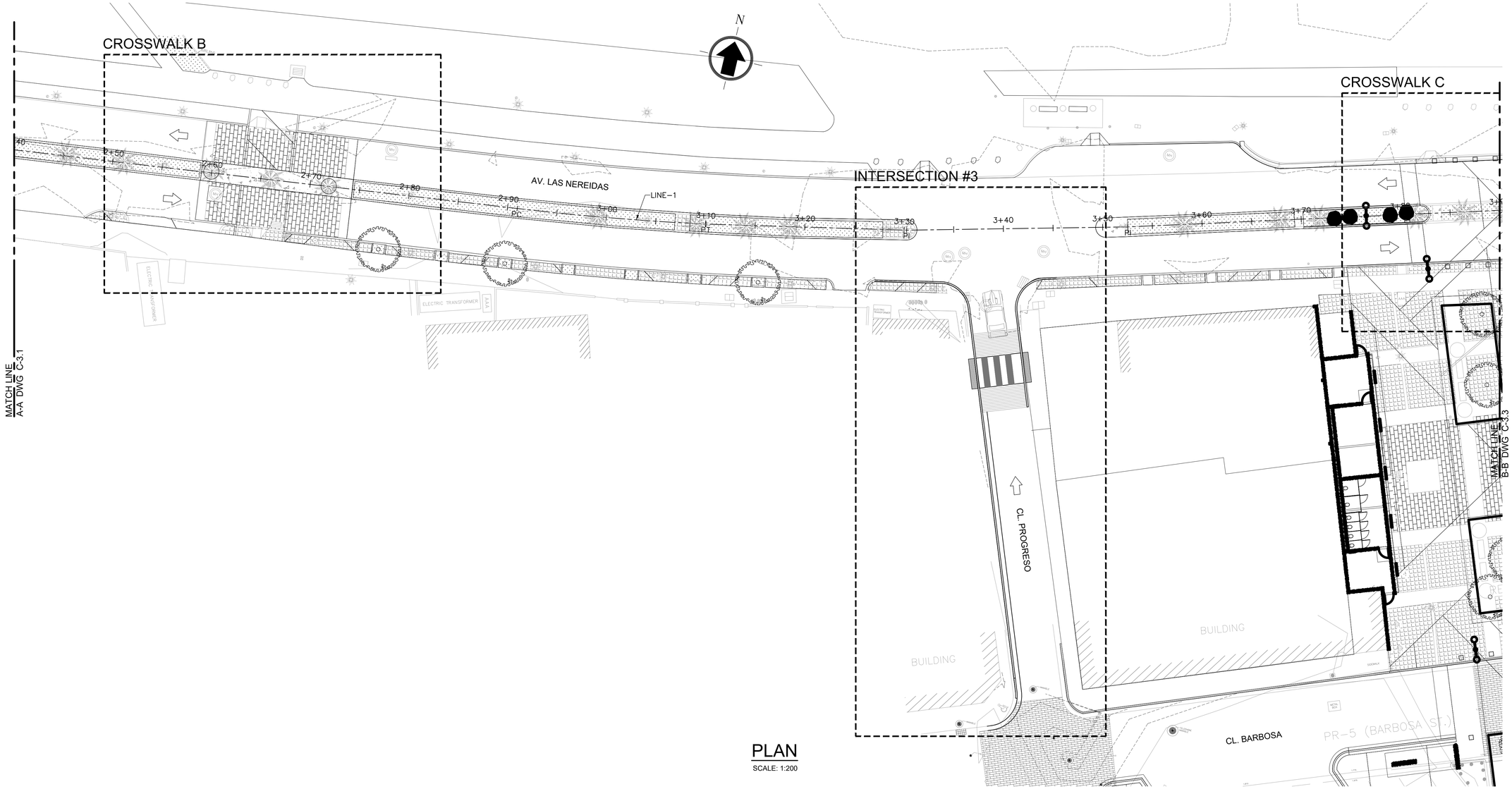
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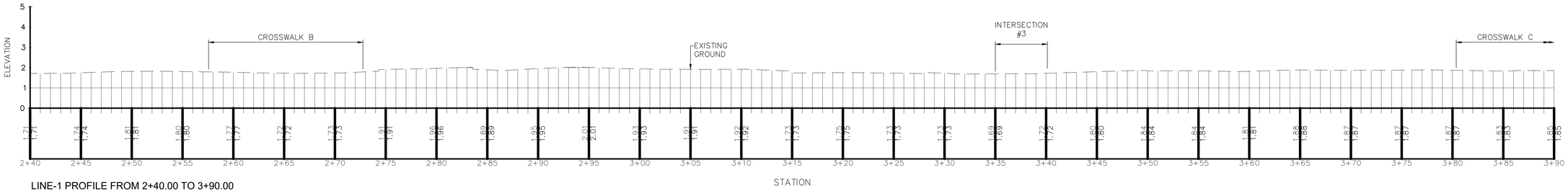
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Revision:
-
Modified by:
-
Checked by:
Ing. F. Rodriguez
Approved by
A. Ramirez



PLAN
SCALE: 1:200



LINE-1 PROFILE FROM 2+40.00 TO 3+90.00

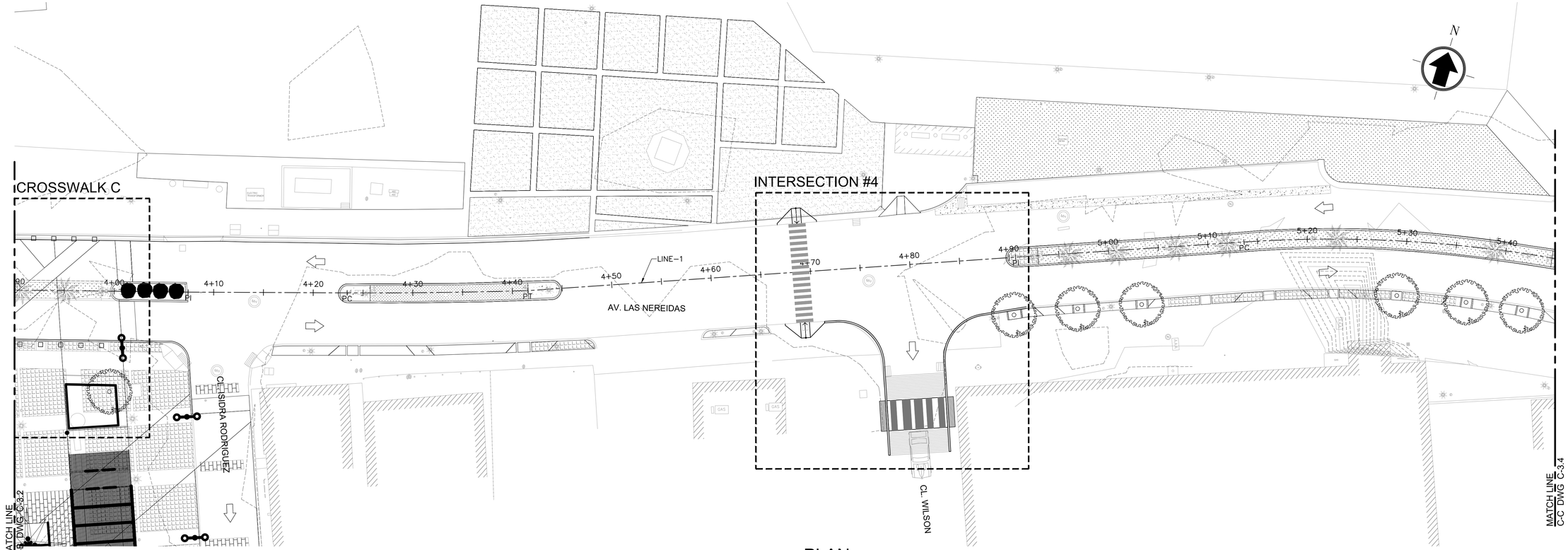
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PROPOSED SITE PLAN & PROFILE
SCALE: 1:200

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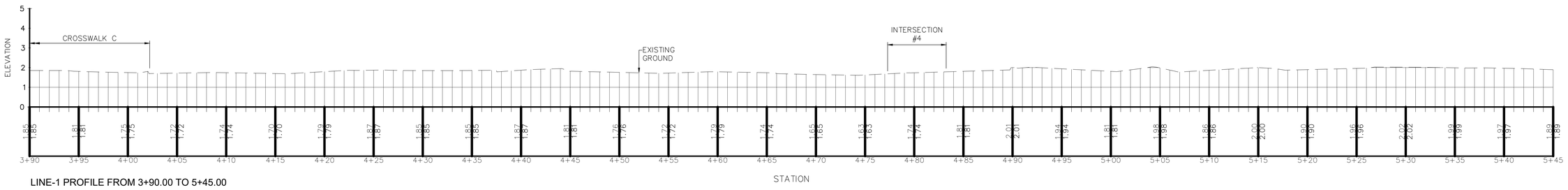
SCALE: 1:200

Certification:
Yo, **Ing. Ramirez Ballajas**, arquitecto licenciado, con número de licencia 19756 certifico que soy el profesional que firma estos planos y especificaciones, y que dichos planos y especificaciones fueron preparados bajo mi supervisión. También, certifico que entiendo que dichos planos y especificaciones deben cumplir con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Federales y Estatales, así como con las ordenanzas municipales aplicables. Reconozco que cualquier omisión o violación a estas disposiciones, por negligencia ya sea por mi, mis empleados o subcontratistas, puede resultar en la imposición de multas civiles y penales de hasta $10,000 por violación, según lo dispuesto en la Ley Núm. 9 de 24 de junio de 1970, según enmendada, según aplicada a las Corporaciones Públicas. Además, reconozco que cualquier violación a estas disposiciones puede resultar en la imposición de multas civiles y penales de hasta $10,000 por violación, según lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicada a las Corporaciones Públicas. Además, certifico que en la preparación de estos planos y especificaciones he cumplido con la Ley Núm. 119 de 15 de mayo de 1976, según enmendada, según aplicada a las Corporaciones Públicas. Reconozco que cualquier violación a esta ley, ya sea por mi, mis empleados o subcontratistas, puede resultar en la imposición de multas civiles y penales de hasta $5,000 por violación, según lo dispuesto en la Ley Núm. 119 de 15 de mayo de 1976, según enmendada, según aplicada a las Corporaciones Públicas. También, certifico que entiendo que dichos planos y especificaciones deben cumplir con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Federales y Estatales, así como con las ordenanzas municipales aplicables. Reconozco que cualquier omisión o violación a estas disposiciones, por negligencia ya sea por mi, mis empleados o subcontratistas, puede resultar en la imposición de multas civiles y penales de hasta $10,000 por violación, según lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicada a las Corporaciones Públicas. Además, certifico, además,



PLAN

SCALE: 1:200



LINE-1 PROFILE FROM 3+90.00 TO 5+45.00

PROFILE

SCALE: 1:200

PROPOSED SITE PLAN & PROFILE

SCALE: 1:200

0 5 m 10 m 20 m

SCALE: 1:200

Certificación
Yo, **Ernesto M. Ramírez Ballagas, arquitecto**, licenciado, número de licencia 19756 certifico que soy el profesional que realizó estos planos y las especificaciones técnicas relacionadas. También, certifico que entiendo que dichos planos y especificaciones técnicas cumplen con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Construcción y Uso de Terrenos y Edificios de Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones técnicas he cumplido con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para Reglamentar la Industria Puertorriqueña" y con la [Ley Núm.319 de 15 de mayo de 1938, según enmendada, según aplicable]. Reconozco que cualquier violación a dicha ley, incluyendo cualquier incumplimiento o por negligencia ya sea por mi, por un empleado mío, o por un consultor bajo mi supervisión, podría resultar en la imposición de una multa administrativa a mi persona. Por lo tanto, en el ejercicio de mi profesión, me comprometo a cumplir con las disposiciones de dicha ley y sus reglamentos. Reconozco que cualquier violación a dicha ley, incluyendo cualquier incumplimiento o por negligencia ya sea por mi, por un empleado mío, o por un consultor bajo mi supervisión, podría resultar en la imposición de una multa administrativa a mi persona. Por lo tanto, en el ejercicio de mi profesión, me comprometo a cumplir con las disposiciones de dicha ley y sus reglamentos. Reconozco que cualquier violación a dicha ley, incluyendo cualquier incumplimiento o por negligencia ya sea por mi, por un empleado mío, o por un consultor bajo mi supervisión, podría resultar en la imposición de una multa administrativa a mi persona. Por lo tanto, en el ejercicio de mi profesión, me comprometo a cumplir con las disposiciones de dicha ley y sus reglamentos. Reconozco que cualquier violación a dicha ley, incluyendo cualquier incumplimiento o por negligencia ya sea por mi, por un empleado mío, o por un consultor bajo mi supervisión, podría resultar en la imposición de una multa administrativa a mi persona. Por lo tanto, en el ejercicio de mi profesión, me comprometo a cumplir con las disposiciones de dicha ley y sus reglamentos. No tengo conocimiento, ni tengo responsable de cualquier acción judicial y

Project:
Ave. Las Nereidas Improvement
CDBG-DR-000488
Barrio Pueblo
-
Cataño - PR

Client:
Municipality of Cataño
Municipality of Cataño

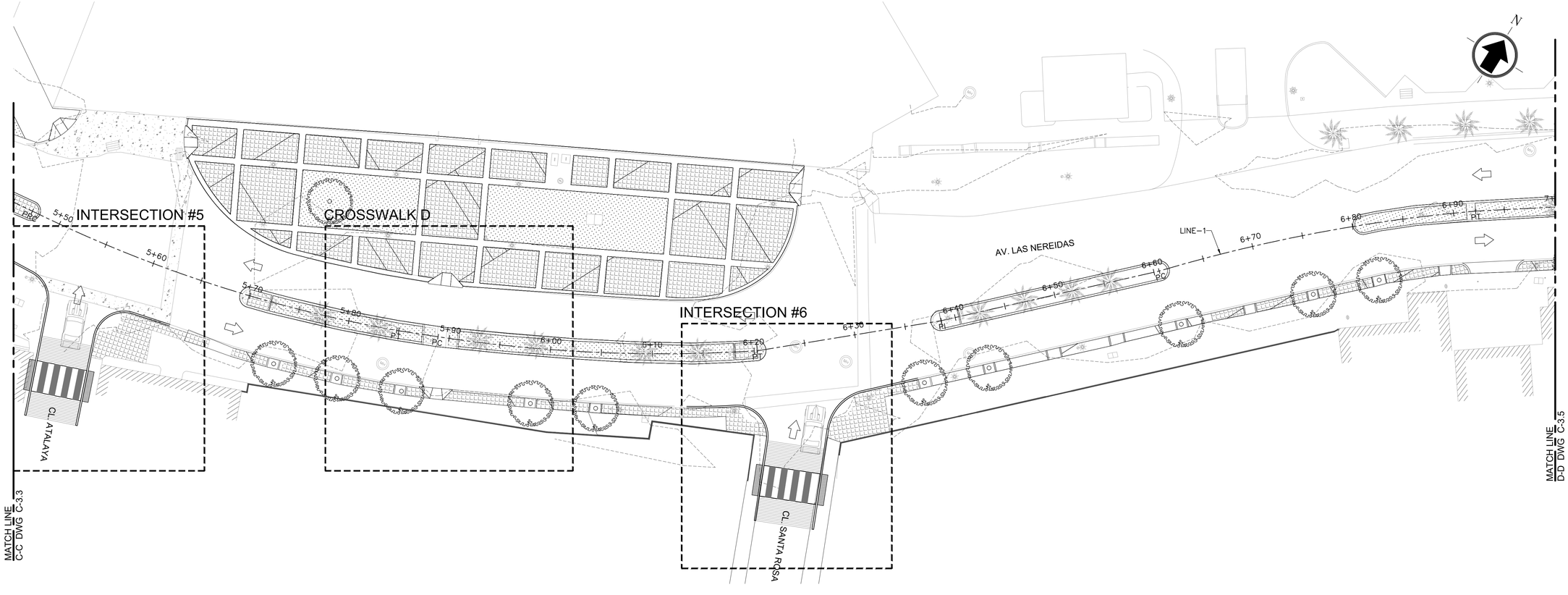
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Date:
MAY. 04, 2023
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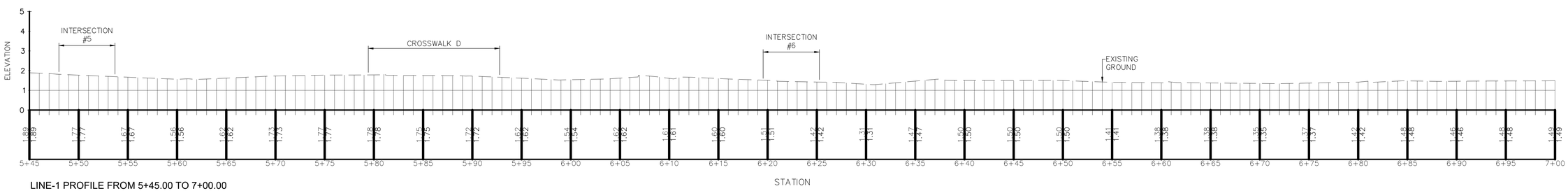
Layout ID:
C-3.3

Revision:
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Modified by:
-
Checked by:
Ing. F. Rodriguez
Approved by
A. Ramirez



PLAN

SCALE: 1:200



LINE-1 PROFILE FROM 5+45.00 TO 7+00.00

PROFILE

SCALE: 1:200

PROPOSED SITE PLAN & PROFILE

SCALE: 1:200

0 5 m 10 m 20 m

SCALE: 1:200

Certificación
Esteban M. Ramírez Ballagas, arquitecto. Licenciado, número de licencia 19756 certifico que soy el profesional que ha preparado y firmado los documentos técnicos relacionados. También, certifico que entiendo que dichos planos y documentos fueron preparados de acuerdo con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Construcción y Uso de Terrenos y Edificios, Juntas Reglamentadas o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos documentos he cumplido con todas las disposiciones dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la Ley Orgánica de la Oficina para el Desarrollo Socioeconómico y Comercial de la Industria Puertorriqueña y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable]. Reconozco que cualquier violación a dichas disposiciones es motivo suficiente para que el producto sea rechazado por desconocimiento o por negligencia ya sea por mi, mis empleados, subcontratistas o por terceros que actúen con mi conocimiento, me hacen responsable de cualquier acción judicial y administrativa que surja como consecuencia de la misma.

Project:
Ave. Las Nereidas Improvement
CDBG-DR-000488
Barrio Pueblo
-
Cataño - PR

Client:
-
Municipality of Cataño
Municipality of Cataño

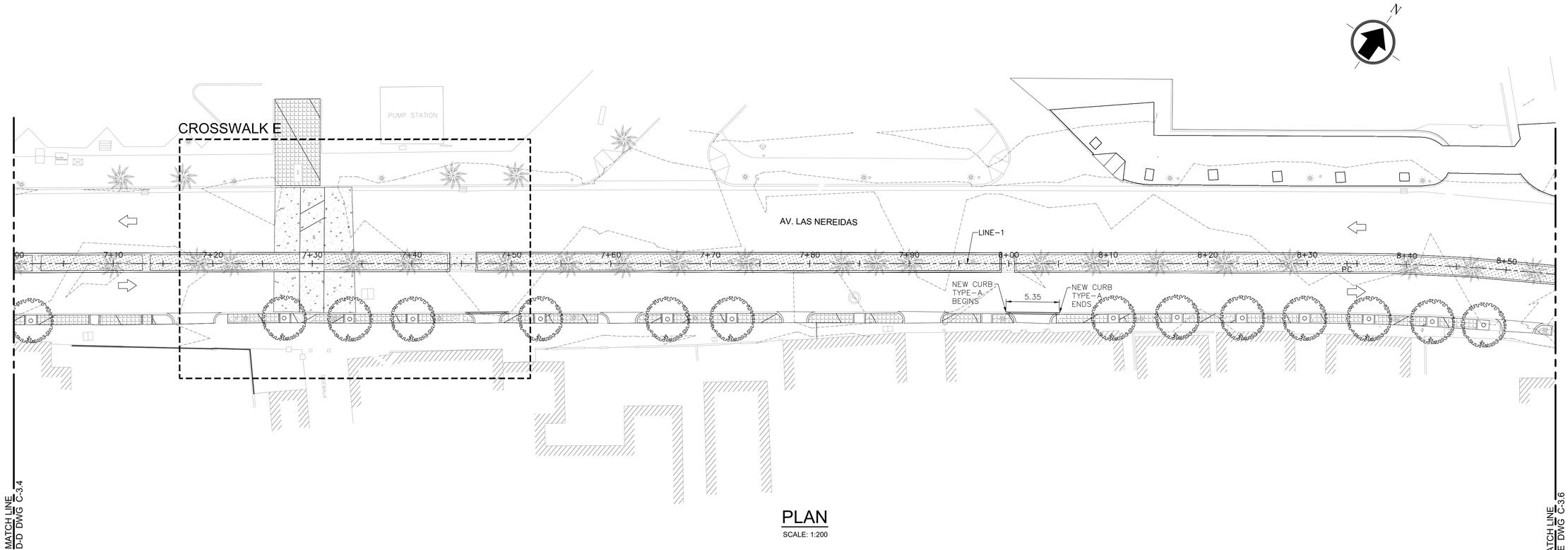
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Date:
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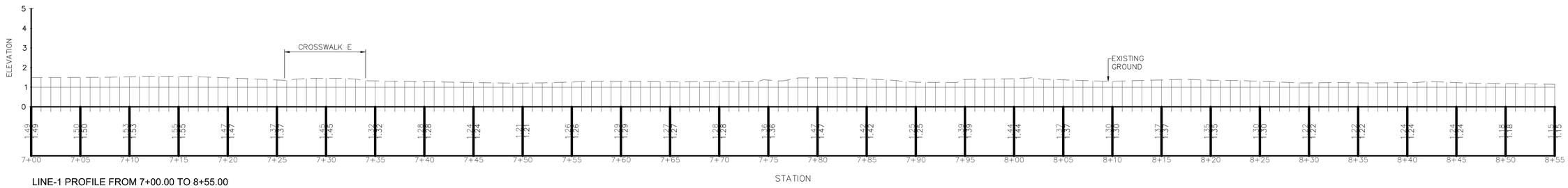
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Revision:
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Modified by:
-
Checked by:
Ing. F. Rodríguez
Approved by
Ar. Ramírez



PLAN

SCALE: 1:200



LINE-1 PROFILE FROM 7+00.00 TO 8+55.00

PROFILE

SCALE: 1:200

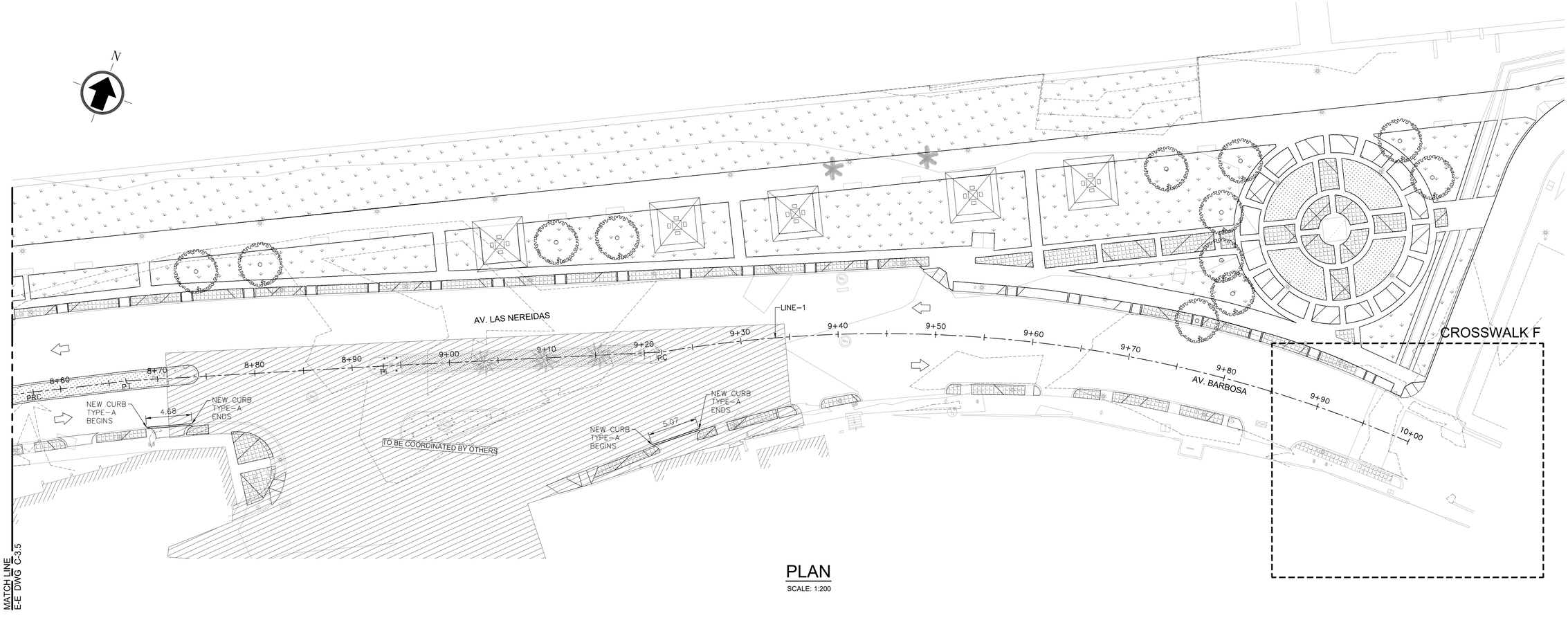
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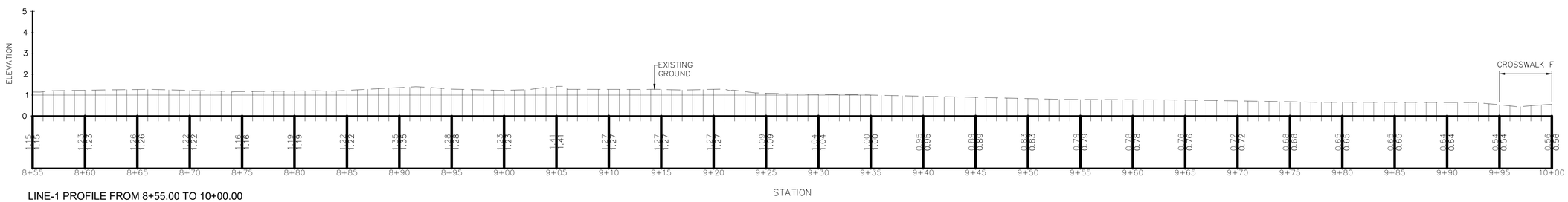
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Certification:
I, Eugenio M. Ramírez Ballajas, arquitecto licenciado, número de licencia 19194 certifico que soy el profesional que firma estos planos y especificaciones y que estos planos y especificaciones, certifico que entiendo que dichos planos y especificaciones fueron preparados de acuerdo con el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos Locales y Federales vigentes, incluyendo la Ley de Instalaciones Eléctricas y Seguridad de Edificios Públicos, Reglamentaciones o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones no he violado ninguna de las disposiciones en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley de Ética Gubernamental del Estado Libre Asociado de Puerto Rico" y con la Ley Núm. 3 de 15 de mayo de 1985, según enmendada, conocida como la "Ley de Sustitución de Puertorriqueños por Extranjeros en el Empleo en la Industria Puertorriqueña" y con la Ley Núm. 84 de 18 de julio de 1985, según enmendada, según aplicable. También, certifico que ningún empleado, oficial o agente de la Autoridad de Puertos ha participado por conocimiento o por negligencia ya sea por mí, mis empleados o agentes en violación de cualquier sección de la ley antes mencionada. Reconozco que cualquier violación a lo anterior puede resultar en mi descalificación como profesional y/o cancelación de mi licencia, según dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley de Ética Gubernamental del Estado Libre Asociado de Puerto Rico" y con la Ley Núm. 3 de 15 de mayo de 1985, según enmendada, conocida como la "Ley de Sustitución



PLAN

SCALE: 1:200



LINE-1 PROFILE FROM 8+55.00 TO 10+00.00

PROFILE

SCALE: 1:200

PROPOSED SITE PLAN & PROFILE

SCALE: 1:200

0 5 m 10 m 20 m

SCALE: 1:200

Certificación
No. Especialidad M. Ramírez Ballajara, arquitecto licenciado, número de licencia 19796 certifico que soy el profesional que ha preparado los planos y especificaciones técnicas de este proyecto. También, certifico que entiendo que dichos planos y especificaciones técnicas cumplen con el Código de Construcción y el Reglamento Conjunto y las disposiciones aplicables de los Reglamentos de Planificación, de Zonificación y de Subdivisión de Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones técnicas he cumplido con lo dispuesto en la Ley Núm. 14, de 8 de enero de 2004, según enmendada, según aplicable. Reconozco que cualquier incumplimiento intencional o por negligencia ya sea por mi, por mis empleados o por cualquier persona bajo mi dirección, según aplicable a la Ley Núm. 319 de 15 de mayo de 1942, según enmendada, según aplicable, que resulte en un diseño defectuoso, incluyendo pero no limitado a errores, omisiones o inconsistencias en los planos y especificaciones técnicas producidos por dicho incumplimiento o por negligencia ya sea por mi, por mis empleados o por cualquier persona bajo mi dirección, según aplicable, será mi responsabilidad. Además, certifico que, según mi mejor conocimiento, no hubo violación de derechos de autor al preparar estos planos y especificaciones técnicas.

E RBA
ESTUDIOS TÉCNICOS DE PUERTO RICO, P.S.C.
PO BOX 364267
SAN JUAN, PR 00936-4267
TEL. (787) 764-0101
FAX (787) 764-0102

Project:
Ave. Las Nereidas Improvement
CDBG-DR-000488
Barrio Pueblo
-
Cataño - PR

Client:
-
Municipality of Cataño
Municipality of Cataño

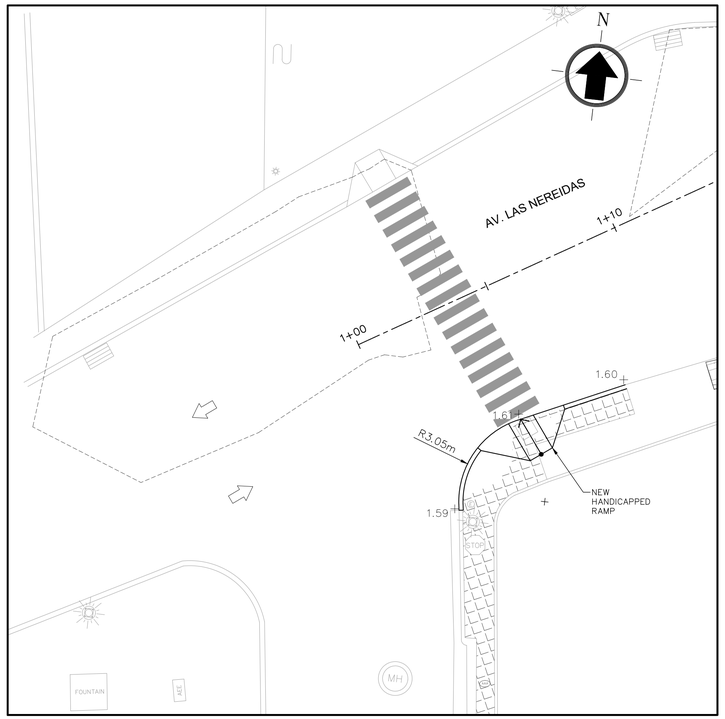
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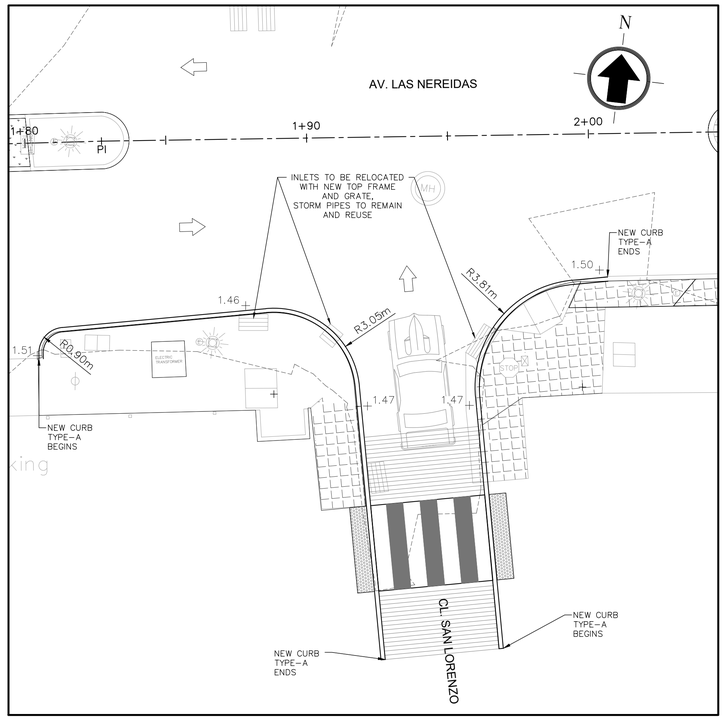
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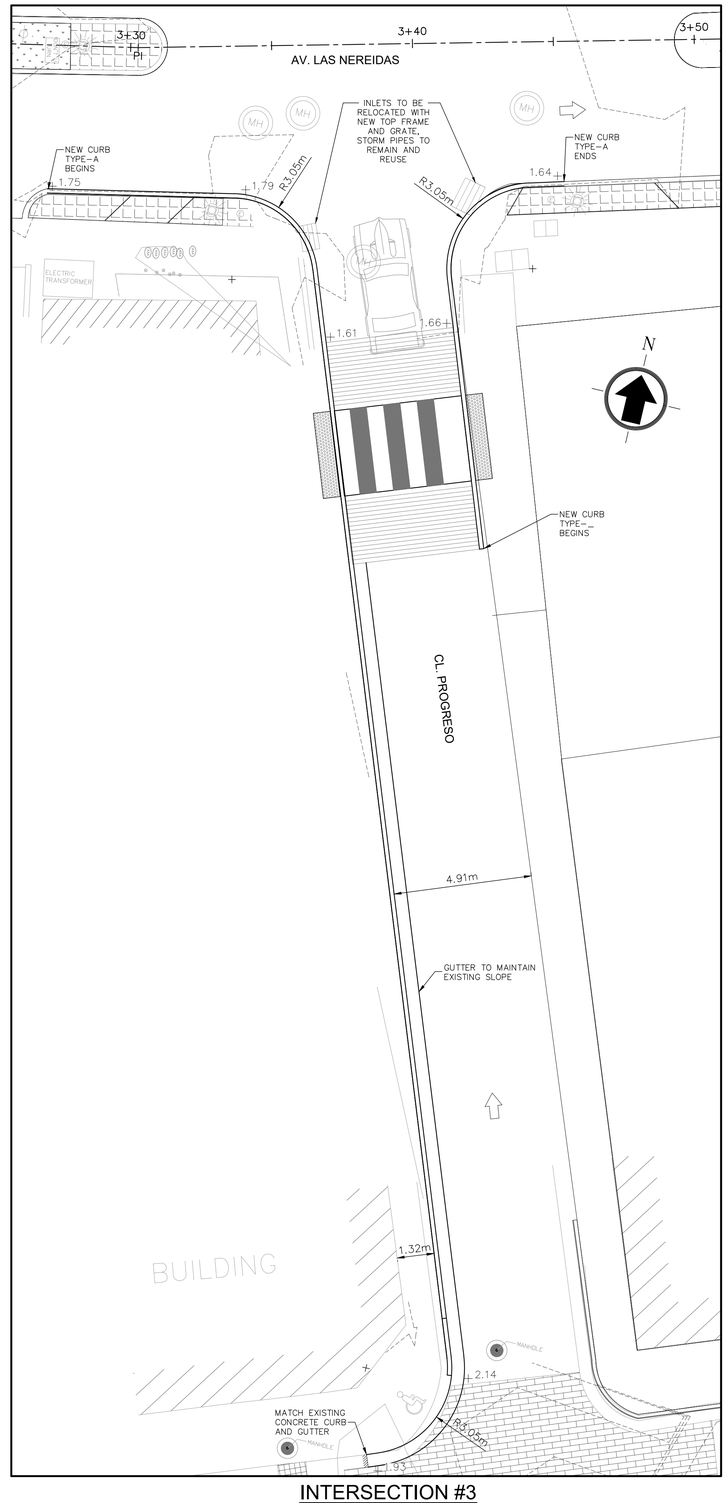
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Modified by:
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Checked by:
Ing. F. Rodriguez
Approved by
-



INTERSECTION #1



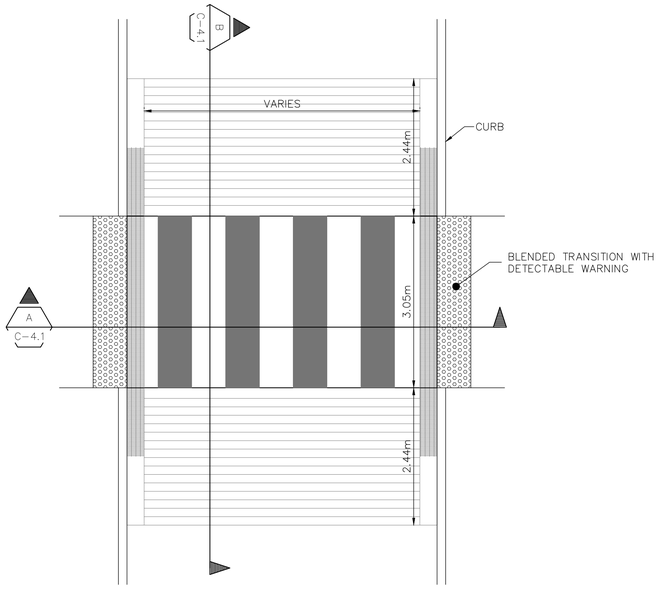
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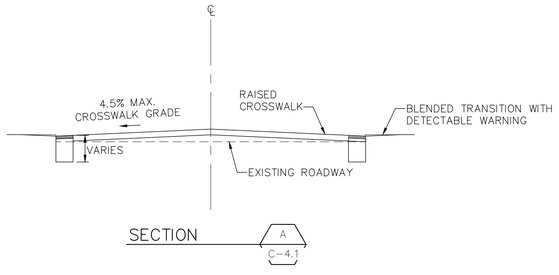
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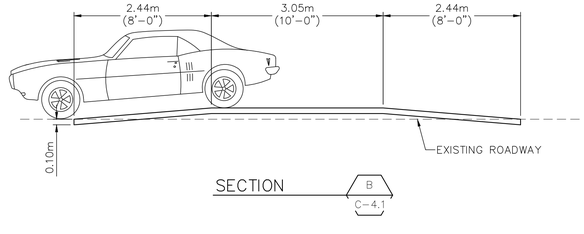
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PLAN





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INTERSECTIONS DETAILS

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SCALE: 1:100

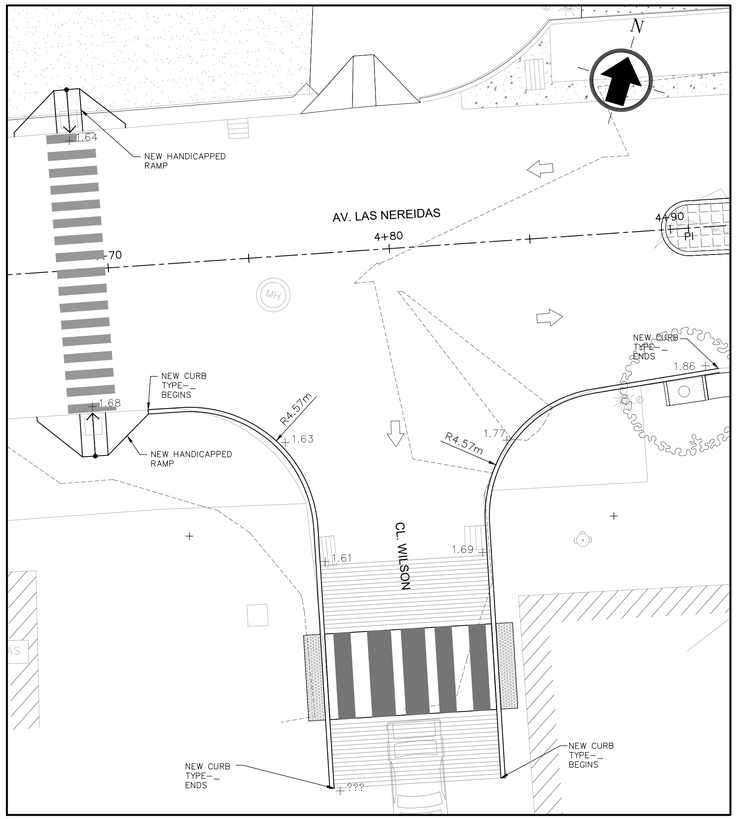
Certificación M. Ramírez Bañagas, arquitecto licenciado, CERTIFICO que soy el profesional que interviene en este proyecto, que he estudiado el mismo, que cumple con todas las disposiciones aplicables de los Reglamentos Conjunto y las disposiciones aplicables de las Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos documentos he cumplido con todo lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley Núm. 14 de Ingeniería y Arquitectura de Puerto Rico" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada, según aplicable. Reconozco que cualquier error, omisión o por negligencia ya sea por mí, por mis empleados o por cualquier persona bajo mi supervisión o por mi representado o por terceros que produzca por desconocimiento o por no cumplir con las disposiciones aplicables de los Reglamentos antes mencionados, me hacen responsable de cualquier acción judicial y conocimiento, me hacen responsable de cualquier acción judicial y

Project: Ave. Las Nereidas Improvement CDBG-DR-000488
Barrio Pueblo - Cataño - PR
Client: - Municipality of Cataño
Project Info: Cadastre: - ID #: #Project ID
Municipality of Cataño Project #: -

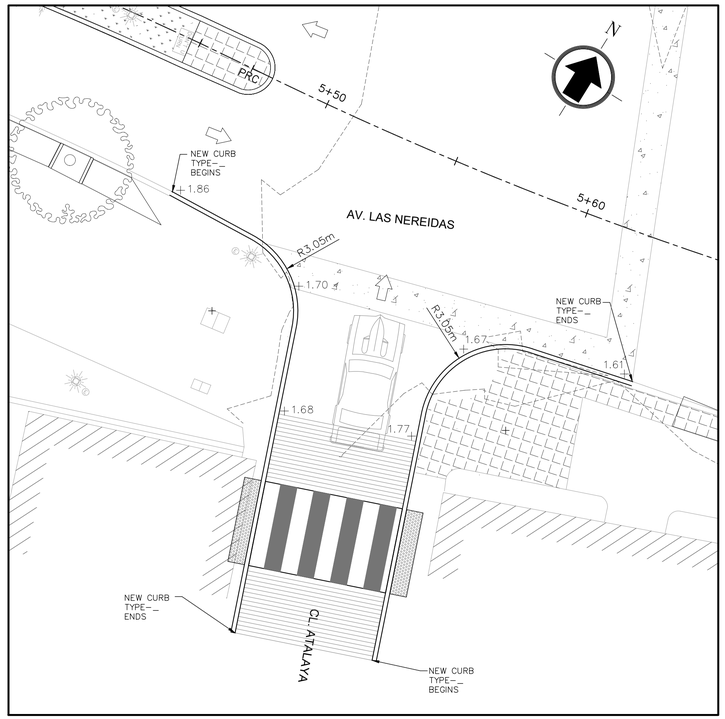
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Date: MAY. 04. 2023
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Layout ID: C-4.1
Revision: -
Modified by: -
Checked by: Ing. F. Rodríguez
Approved by: Ar. Ramírez

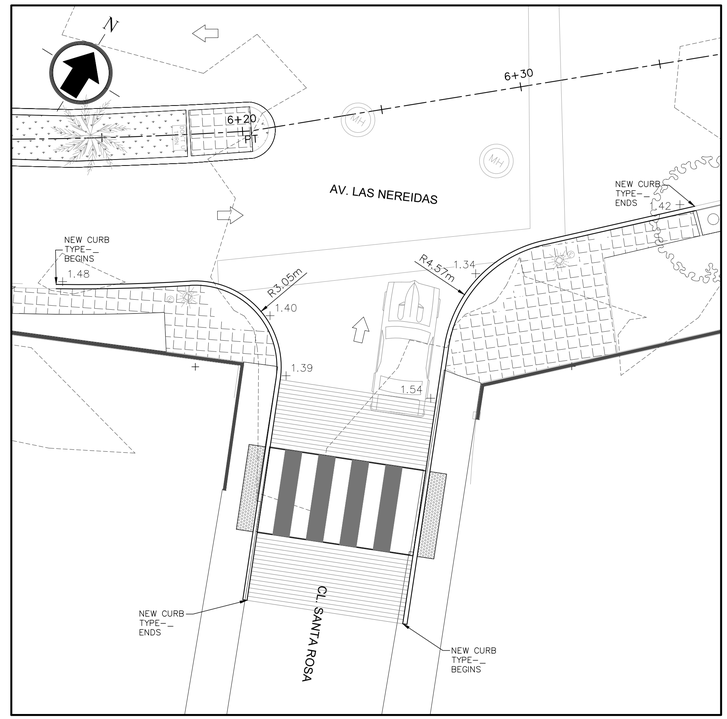
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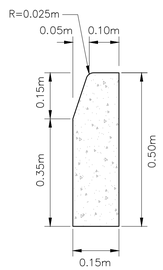
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INTERSECTION #5

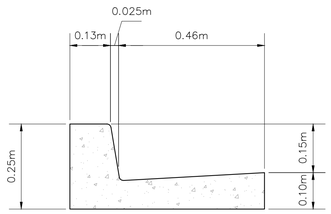


INTERSECTION #6



TYPE "A" CURB

NOT TO SCALE



TYPE "B" CURB AND GUTTER

NOT TO SCALE

INTERSECTIONS DETAILS

SCALE: 1:100

0 5 m 10 m

SCALE: 1:100

Certificación: Esteban M. Ramírez Ballajas, arquitecto licenciado, número de licencia 19756 certifico que soy el profesional que firma los planos y documentos de este proyecto. También, certifico que entiendo que dichos planos y documentos forman parte del Reglamento. Conjunto y las disposiciones aplicables de los Reglamentos Federales y Estatales aplicables. Además, Reglamentaciones o Corporaciones Públicas. Además, que en la preparación de estos documentos he cumplido con la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicable. Reconozco que cualquier ausencia o por negligencia ya sea por mi conocimiento o por desconocimiento o por cualquier otro motivo, no liberará de responsabilidad de cualquier acción judicial y/o

Project:
Ave. Las Nereidas Improvement
CDBG-DR-000488
Barrio Pueblo
-
Cataño - PR

Client:
-
Municipality of Cataño
Municipality of Cataño

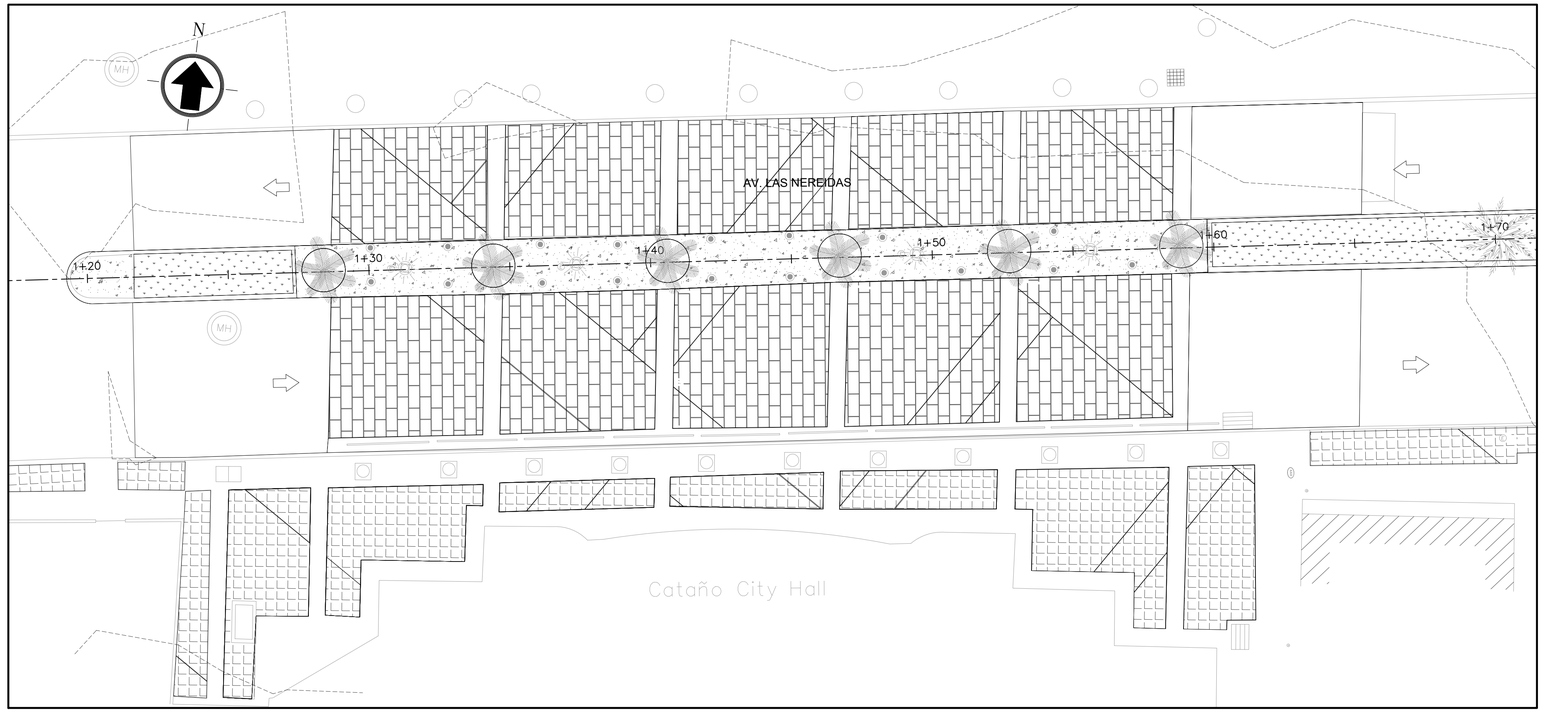
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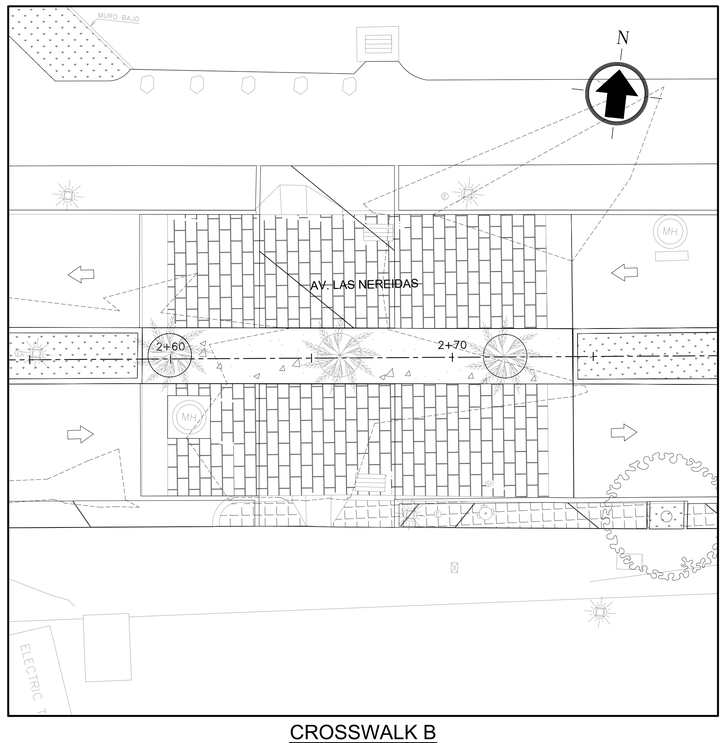
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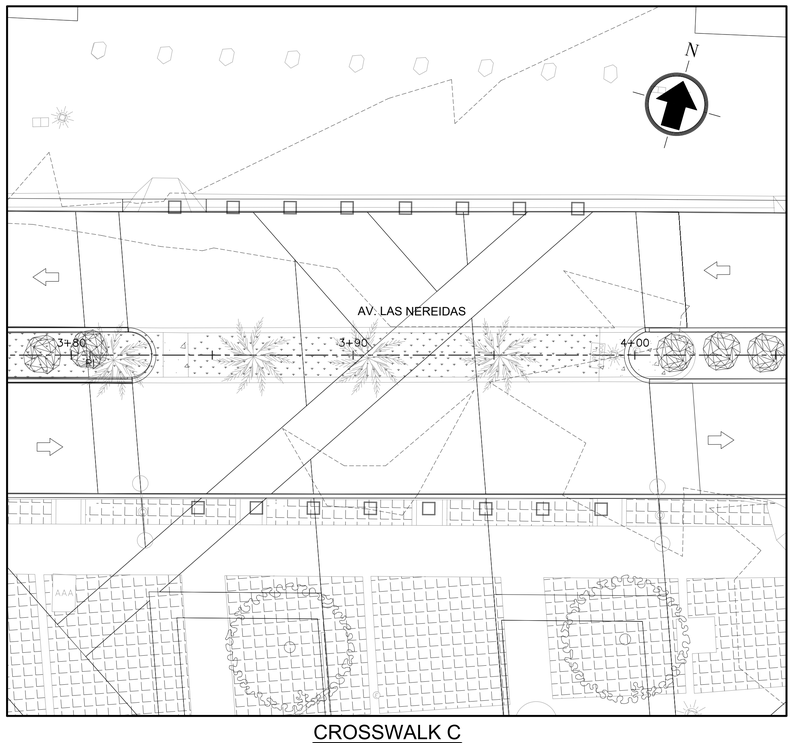
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Modified by:
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Checked by:
Ing. F. Rodríguez
Approved by
A. Ramírez



CROSSWALK A



CROSSWALK B



CROSSWALK C

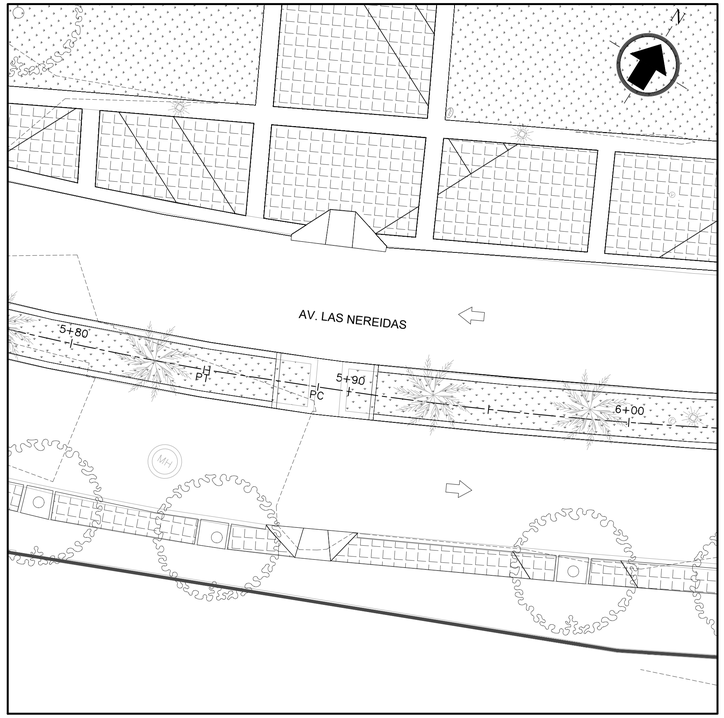
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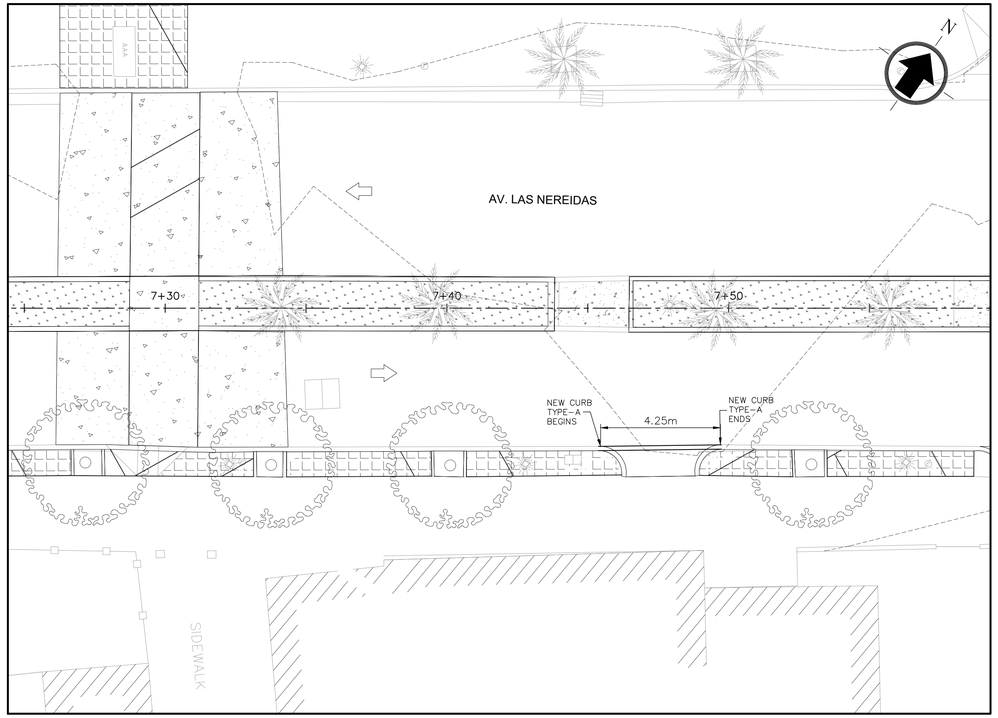
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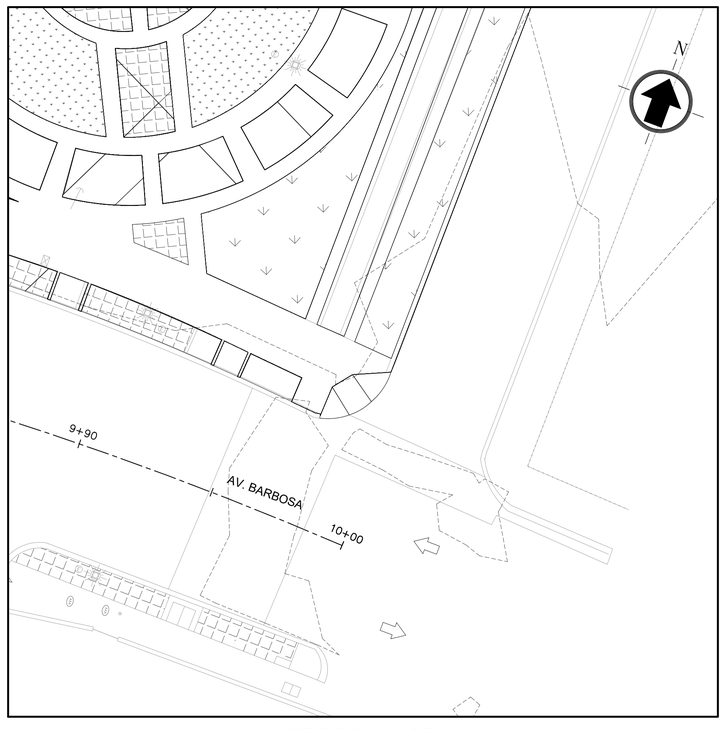
Cert/Esquino M. Ramírez Ballagas, arquitecto licenciado, con número de licencia 19756 certifico que soy el profesional que firma estos planos y especificaciones, que dichos planos y especificaciones fueron preparados por mí o bajo mi supervisión, que los mismos cumplen con las disposiciones aplicables de los Reglamentos Conjunto y las disposiciones aplicables de la Ley Núm. 416 de 22 de septiembre de 2004, según enmendada, según aplicada por la Junta de Reglamentos y Permisos de Corporaciones Públicas, que en la preparación de estos planos y especificaciones se cumplió con las disposiciones de la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, según aplicada por la Junta de Reglamentos y Permisos de Corporaciones Públicas, que en la preparación de estos planos y especificaciones se cumplió con las disposiciones de la Ley Núm. 119 de 15 de mayo de 1976, según enmendada, según aplicada por la Junta de Reglamentos y Permisos de Corporaciones Públicas. Reconozco que cualquier negligencia ya sea por mi parte o por parte de cualquier persona bajo mi supervisión y control en el cumplimiento de estas leyes y reglamentos, según aplicadas por la Junta de Reglamentos y Permisos de Corporaciones Públicas, podría ser procesada por desconocimiento o por negligencia ya sea por mi parte o por parte de cualquier persona bajo mi supervisión y control en el cumplimiento de estas leyes y reglamentos, según aplicadas por la Junta de Reglamentos y Permisos de Corporaciones Públicas. También, certifico que entiendo que dichos planos y especificaciones serán sometidos a la Junta de Reglamentos y Permisos de Corporaciones Públicas para su evaluación y aprobación. Certifico, además, que en la preparación de estos planos y especificaciones se cumplió con las disposiciones de la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicada por la Junta de Reglamentos y Permisos de Corporaciones Públicas y "con



CROSSWALK D



CROSSWALK E



CROSSWALK F

CROSSWALK DETAILS
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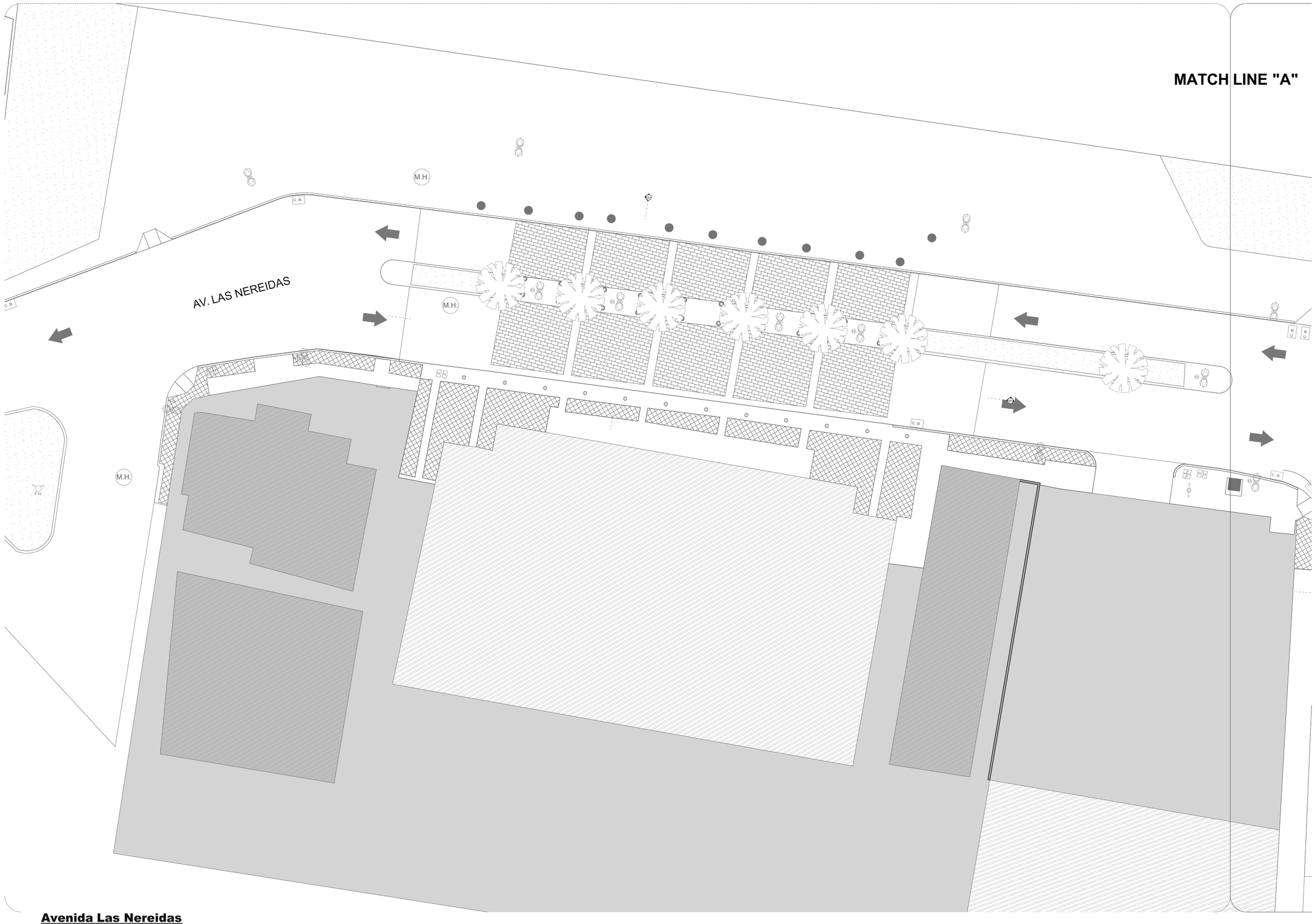
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Revision: -
Modified by: -
Checked by: Ing. F.Rodriguez
Approved by: Ar.Nombre

Drawing Name: CROSSWALK DETAILS
Date: MAY. 04, 2023
Drawing Scale: 1:200
Drawing Status: DESIGN DEVELOPMENT PHASE - 60%

Project: Ave. Las Nereidas Improvement CDBG-DR-000488
Barrio Pueblo
-
Cataño - PR
Project Info: -
Cadastre: -
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Client: -
Municipality of Cataño
Municipality of Cataño

Certification:
Yo, **Ing. Eduardo M. Ramírez Ballajas**, ingeniero licenciado con número de licencia 19756 certifico que soy el profesional que ha preparado y selló estos planos y documentos de construcción. Reconozco que cualquier negligencia ya sea por mi parte o por parte de mis empleados, que resulte en violaciones de estos planos y/o a las disposiciones aplicables de los Reglamentos Conjunto y las disposiciones aplicables de los Reglamentos Puertorriqueños de Construcción y Uso de Terrenos, Ley de Permisos y Autoridad de Carreteras y Transportación, Ley de Corporaciones Públicas, Ley de Municipios Autónomos y cualquier otra jurisdicción. Certifico, además, que en la preparación de estos documentos he cumplido con todas las disposiciones aplicables dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, según aplicable, la Ley Núm. 319 de 15 de mayo de 1948, según enmendada, según aplicable, la Ley Núm. 5 de 8 de diciembre de 1972, según enmendada, según aplicable, y con la Ley Núm. 84 de 18 de junio de 2010, según enmendada, según aplicable, y con la Ley Núm. 416 de 22 de septiembre de 2004, según enmendada, según aplicable, y con la Ley Núm. 454 de 21 de diciembre de 2000, según enmendada, según aplicable, y con la Ley Núm. 45 de 18 de abril de 1991, según enmendada, según aplicable, y con la Ley Núm. 76 de 5 de agosto de 2014, según enmendada, según aplicable, y con la Ley Núm. 76 de 24 de junio de 1976, según enmendada, según aplicable, y con la Ley Núm. 9 de 24 de julio de 1970



1 Avenida Las Nereidas Existing Conditions AA
3/32" = 1'-0"

S:\proyectos\2022\22-02-Catalo_Avenida Las Nereidas-Phase\dwg-archicad\Design Development Phase 90%\Catalo_Avenida Las Nereidas-Phase 20230428 1030.pln

Layout ID: **EC-1.1**

Revision:

Modified by:

Checked by:

Approved by

Drawing Name: **EC-1 Exiting Conditions - Ave Las Nereidas**
Avenida Las Nereidas Existing Conditions AA

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Project: **CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas**

Project Info:
Cadastre: 720-033-008-80
D.P. / PW type: ID
Project #: 22-02
2023-04-28 | 17:09

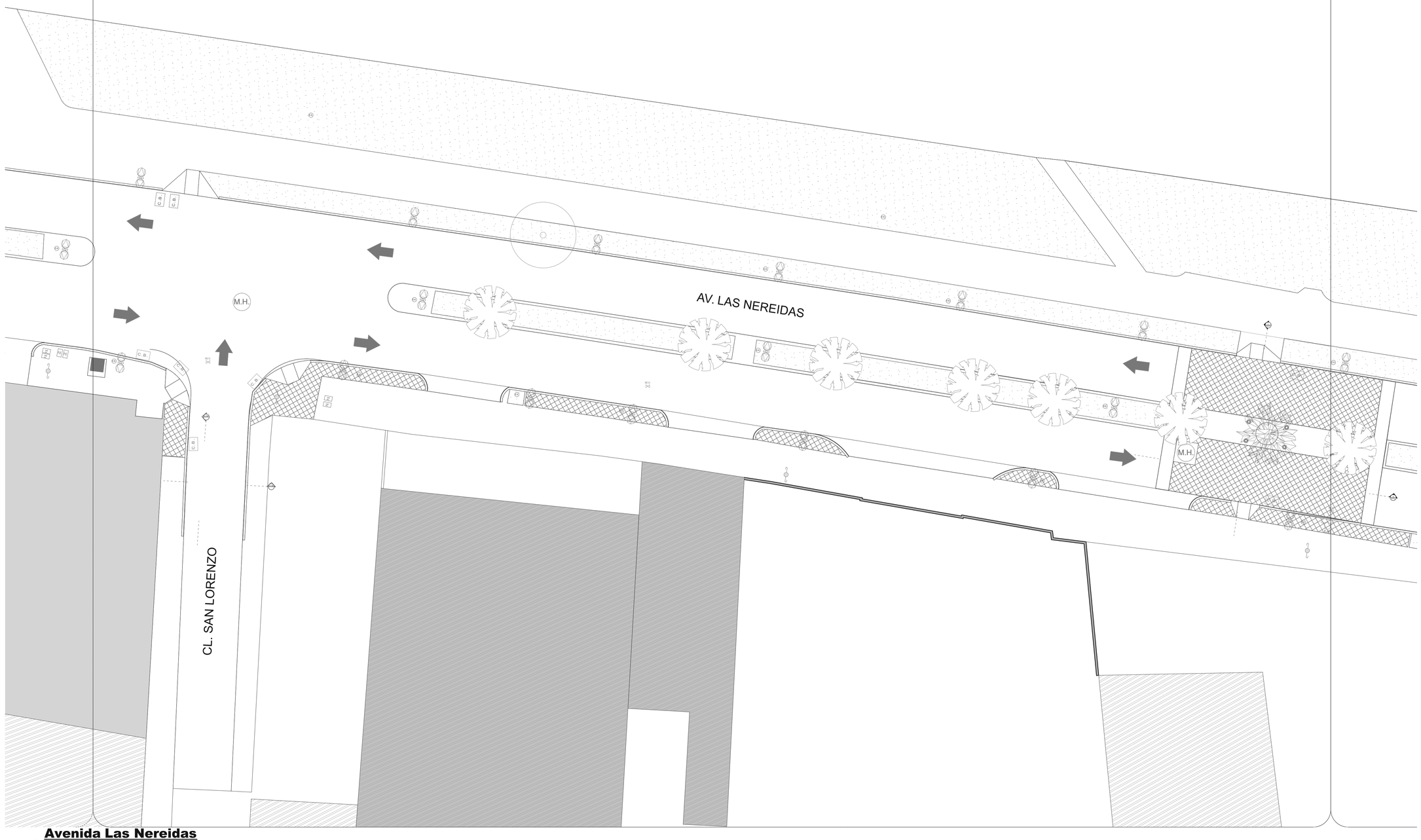
Clients:
#Client1
#Client2
Catalo_Gobierno Autonomo de Catalo
#Client3
#Client City | PR

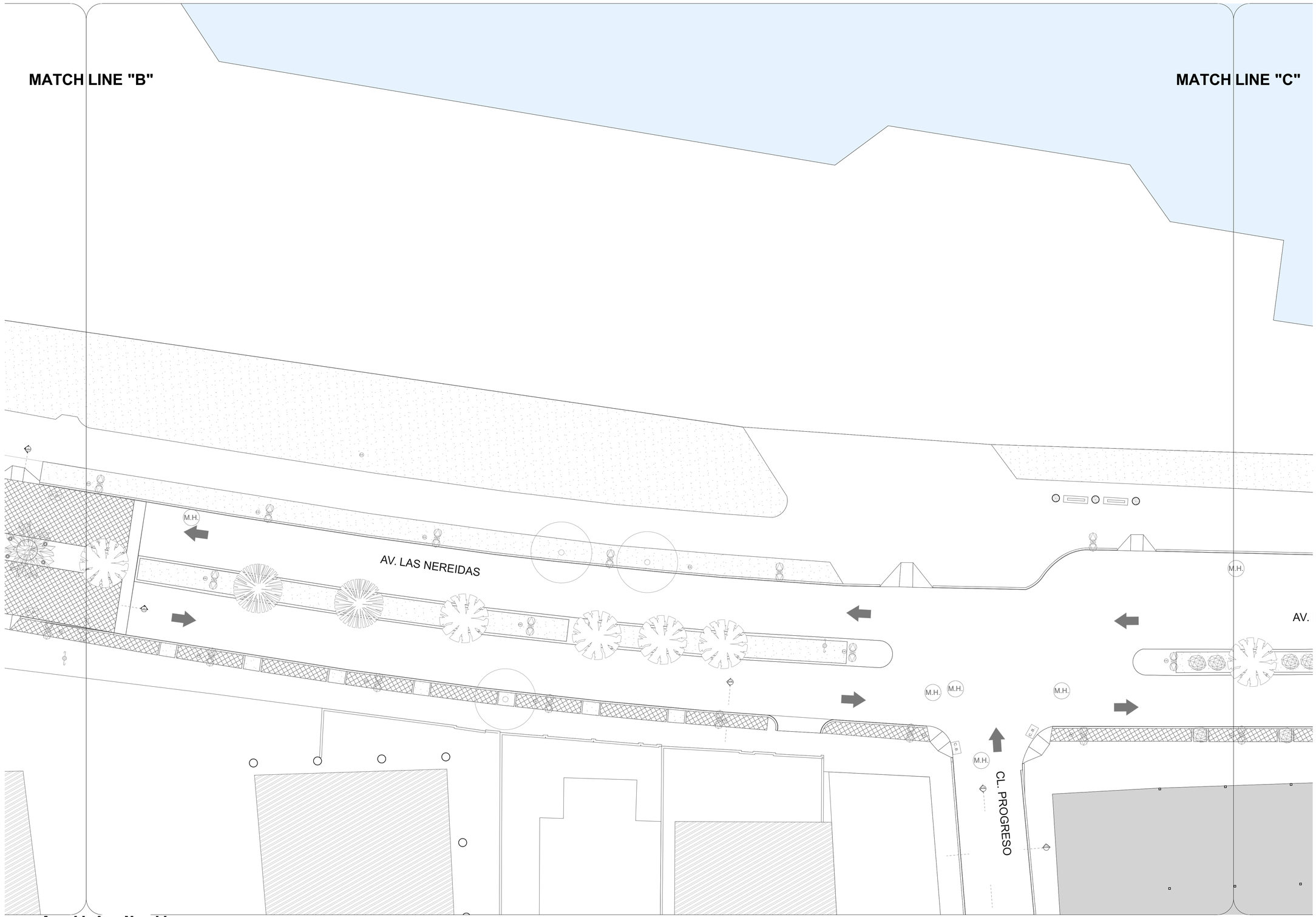
Certification:
Yo, **Eugenio M. Ramirez Ballajas, arquitecto licenciado, numero de licencia 13726** certifico que soy el profesional que diseño estos planos y especificaciones y que a mi mejor conocimiento y entendido que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción vigentes y la Ley para la Protección de Propiedades Privadas Ocupadas por Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión Equitativa, Uniforme y Efectiva de 1970, según enmendada, conocida como la "Ley para la Inversión Equitativa de 2004, según enmendada, y la Ley Núm. 56 de 6 de julio de 1938, según enmendada. Ley Núm. 56 de 6 de julio de 1938, según enmendada, y la Ley Núm. 216 de 12 de mayo de 1938, según enmendada, y que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión Equitativa, Uniforme y Efectiva de 1970, según enmendada, conocida como la "Ley para la Inversión Equitativa de 2004, según enmendada, y la Ley Núm. 56 de 6 de julio de 1938, según enmendada. Ley Núm. 56 de 6 de julio de 1938, según enmendada, y la Ley Núm. 216 de 12 de mayo de 1938, según enmendada, y que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión Equitativa, Uniforme y Efectiva de 1970, según enmendada, conocida como la "Ley para la Inversión Equitativa de 2004, según enmendada, y la Ley Núm. 56 de 6 de julio de 1938, según enmendada. Ley Núm. 56 de 6 de julio de 1938, según enmendada, y la Ley Núm. 216 de 12 de mayo de 1938, según enmendada, y que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión Equitativa, Uniforme y Efectiva de 1970, según enmendada, conocida como la "Ley para la Inversión Equitativa de 2004, según enmendada, y la Ley Núm. 56 de 6 de julio de 1938, según enmendada. Ley Núm. 56 de 6 de julio de 1938, según enmendada, y la Ley Núm. 216 de 12 de mayo de 1938, según enmendada, y que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión Equitativa, Uniforme y Efectiva de 1970, según enmendada, conocida como la "Ley para la Inversión Equitativa de 2004, según enmendada, y la Ley Núm. 56 de 6 de julio de 1938, según enmendada. Ley Núm. 56 de 6 de julio de 1938, según enmendada, y la Ley Núm. 216 de 12 de mayo de 1938, según enmendada, y que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión Equitativa, Uniforme y Efectiva de 1970, según enmendada, conocida como la "Ley para la Inversión Equitativa de 2004, según enmendada, y la Ley Núm. 56 de 6 de julio de 1938, según enmendada. Ley Núm. 56 de 6 de julio de 1938, según enmendada, y la Ley Núm. 216 de 12 de mayo de 1938, según enmendada, y que en la preparación de estos planos y especificaciones se ha cumplido con la declaración falsa o falsificación de los hechos que se haya producido por omisión, error o negligencia con la cual soy responsable de cualquier acción judicial y disciplinaria por la OGPe.

Date:
Revi0:
Ch0:
Change Name:

MATCH LINE "A"

MATCH LINE "B"


AV. LAS NEREIDAS
CL. SAN LORENZO
M.H.
M.H.
C.B.
C.B.
C.B



1 Avenida Las Nereidas

Exisitng Conditions CC

3/32" = 1'-0"

Date:

Revid: Chkd: Change Name:

ERBA
ARQUITECTURA
DISEÑO
PLANIFICACIÓN
RUTA 204
Bayamón, PR 00956
(787) 622-1100
www.erba.pr

Certificación:
Yo, **Eugenio M. Ramírez Ballester, arquitecto licenciado, número de licencia 13706** certifico que soy el profesional que diseñó estos planos y que he diseñado dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Urbanismo vigentes en la jurisdicción de las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión en la Industria de la Construcción de 2004, según enmendada, conocida como la "Ley para la Inversión en la Industria de la Construcción", Ley Núm. 96 de 6 de julio de 2004, según enmendada, y la Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley de Propiedad Horizontal". Además, certifico que no he incurrido en declaración falsa o falsificación de los hechos que se haya producido por omisión, o por negligencia, ya sea por mí, mi representante o persona a mi cargo, en la preparación de estos planos y soy responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
District:
#Sin_Distrito1
#Sin_Distrito2 Municipio Autónomo de Catalo
#Sin_Distrito3 Catano, #Sin_State

Project Info:
Catastro: 720-033-008-88 #Project_City
PO #: #Project_PO
Permit #: 2023-04-28 | 17:09

Drawing Name:
EC-1 Exiting Conditions - Ave Las Nereidas
Avenida Las Nereidas Exisitng Conditions CC

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID:
EC-1.3

Revision:

Modified by:

Checked by:

Approved by

#Client City | PR

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MATCH LINE "C"

MATCH LINE "D"



1 Avenida Las Nereidas

Exisitng Conditions DD

3/32" = 1'-0"

Date:

Rev/D | Ch'd | Change Name

ERBA
Engineering Architecture Surveying P.S.C.
RUTE 2264
Bayamón, PR 00956
www.erbapr.com

Certification:
Yo, **Eugenio M. Ramírez Balbuena, arquitecto licenciado, número de licencia 13706** certifico que soy el profesional que diseñó estos planos y especificaciones, y que los mismos cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos de los Municipios Autónomos y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión en la Industria de la Construcción, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión en la Industria de la Construcción", y la Ley Núm. 113 de 11 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión en la Industria de la Construcción" y la Ley Núm. 113 de 11 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión en la Industria de la Construcción" y la Ley Núm. 113 de 11 de mayo de 1938, según enmendada; y que en la declaración falsa o falsificación de los hechos que se haya producido por omisión, no manifestar o no poner de manifiesto un hecho esencial para la validez de este documento, incurriré en delito grave y seré responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
District:
#Municipio1

Project Info:
Cadastre: 720-033-008-88
ID Nr. #Project ID2
Permit Nr.: 2022-000000
#Ramal, #Sitio State Autonomo de Catalio
Issued: 2023-04-28 | 17:09

Drawing Name:
EC-1 Exiting Conditions - Ave Las Nereidas
Avenida Las Nereidas Exisiting Conditions DD

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID: **EC-1.4**

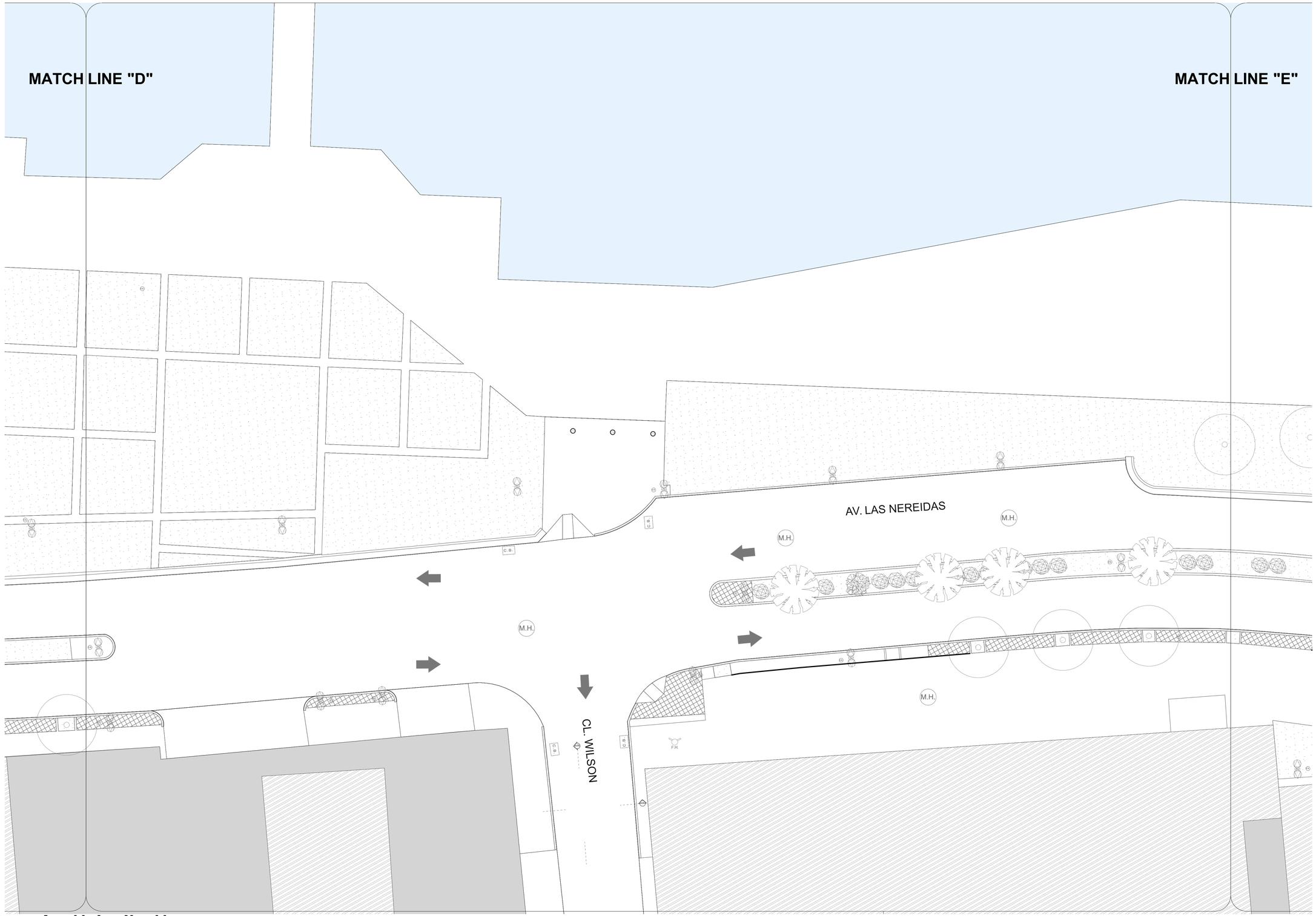
Revision:

Modified by:

Checked by:

Approved by

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1 Avenida Las Nereidas Exisitng Conditions EE

3/32" = 1'-0"

Certification:
Yo, Eugenio M. Ramirez Balbuena, arquitecto licenciado, numero de licencia 13706 certifico que soy el profesional que diseño estos planos y especificaciones, y que, según mi leal saber y entender los mismos cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Uso de Terrenos de los Municipios y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación, Prevención y Penalización de la Corrupción, Ley Núm. 84 de 18 de julio de 2018, según enmendada, conocida como la "Ley para la Investigación, Prevención y Penalización de la Corrupción" y la Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Profesión de Ingeniería y de Agrimensura" y la Ley Núm. 173 de 12 de mayo de 1976, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Profesión de Arquitectura y de Arquitectura Paisajista" y que no he hecho declaración falsa o falsificación de los hechos que se haya producido por omisión, o por negligencia, en ese sentido, no me hace responsable de cualquier acción judicial y disciplinara por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Client:
Municipio Autonomo de Catano

Project Info:
Cadastre: 720-033-008-88
ID #: #Project_ID
Permit #: 2022-000000
Date: 2023-04-28 | 17:09

Drawing Name:
EC-1 Exiting Conditions - Ave Las Nereidas
Avenida Las Nereidas Exisitng Conditions EE

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID: **EC-1.5**

Revision:

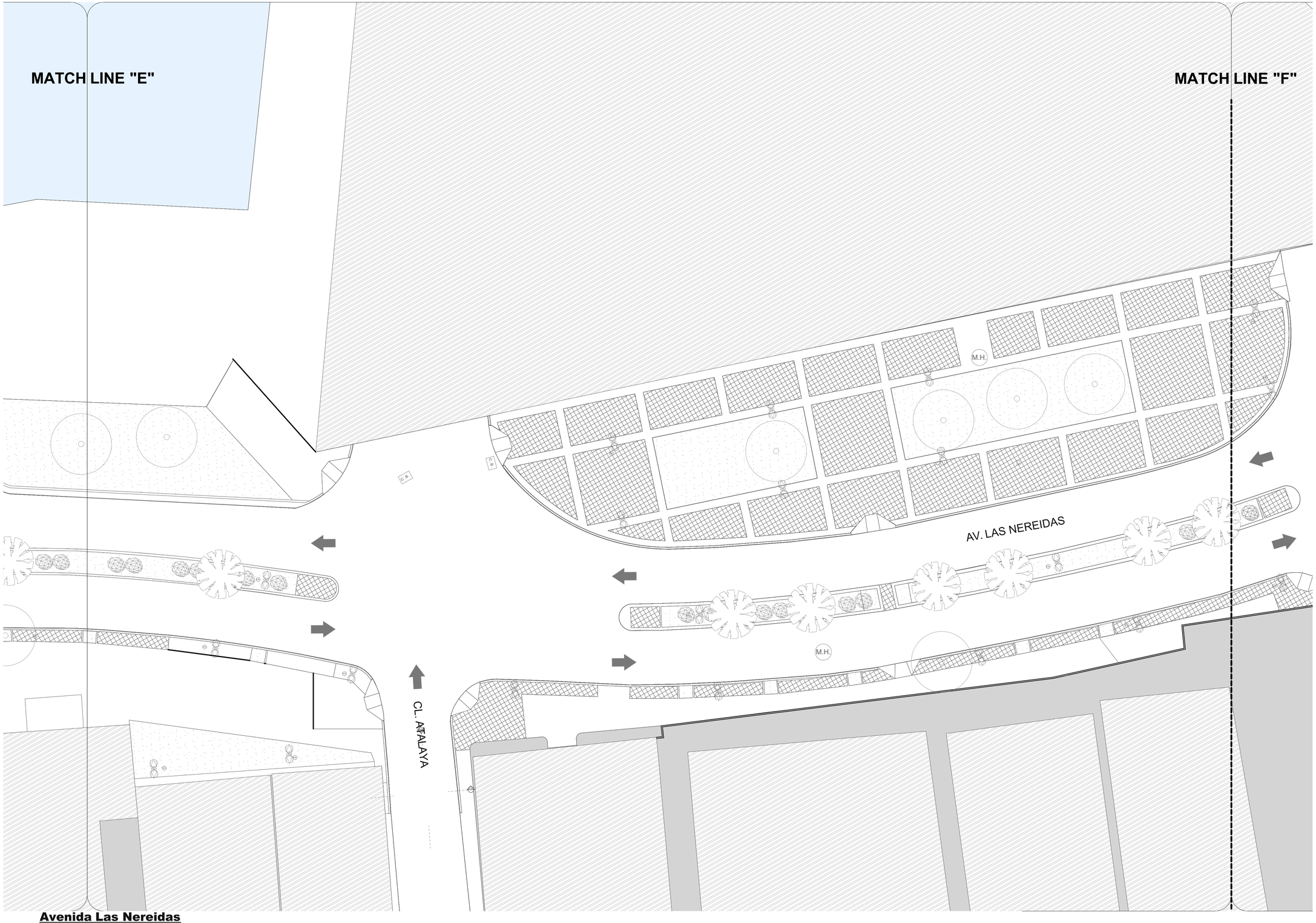
Modified by:

Checked by:

Approved by

RevID	ChID	Change Name	Date

ERBA
Estudio de Diseño Urbano y Arquitectura
Eugenio M. Ramirez Balbuena
Arquitecto
PO BOX 2284
CAGUAS, PR 00726
787.462.1188



1 Avenida Las Nereidas
Exisitng Conditions FF
3/32" = 1'-0"

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Revit | CAD | Change Name | Date

ERBA
ARCHITECTURE
PLANNING
DESIGN
PUERTO RICO
www.erba.pr
787.620.2224
Dedicados Al Color Y Luz

Certificacion:
Yo, **Eugenio M. Ramirez Ballasca, arquitecto licenciado, numero de Registro 18758** certifico que soy el profesional que diseño estos planos y especificaciones y certifico que los mismos cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Publicas con jurisdiccion. Certifico, ademas, que en la preparacion de estos planos y especificaciones se ha cumplido con la Ley para la Prevencion de Barreras Arquitectonicas, conocida como la Ley Num. 96 de 6 de julio de 2004, segun enmendada, y la Ley Num. 51 de 7 de junio de 1996, segun enmendada, conocida como la Ley para la Adquisicion de Bienes y Servicios y la Administracion de Propiedades Publicas, segun enmendada, y la Ley Num. 76 de 5 de agosto de 2000, segun enmendada, conocida como la Ley para la Prevencion de Riesgos de Accidentes en Piscinas y Balnearios Publicos, segun enmendada, y la Ley Num. 416 de 22 de septiembre de 2004, segun enmendada, conocida como la Ley de Vivienda Digna, segun enmendada, y la Ley Num. 173 de 12 de agosto de 1988, segun enmendada, conocida como la Ley de Declaracion Jurada o Planificacion de los hechos que se haya producido por omision o por negligencia con ese proposito, me reafirmo y ratifico en todo lo expresado en el mismo, bajo juramento y reconozco que estoy sujeto a cualquier accion judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Client:
#Municipio Autónomo de Catano
#Catano - Bello Monte
#Client City | PR

Project Info:
Codeme: 720-033-008-88
PP #Project ID
Permit #: 2023-27-0222
2023-04-28 | 17:09

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Avenida Las Nereidas Existing Conditions FF

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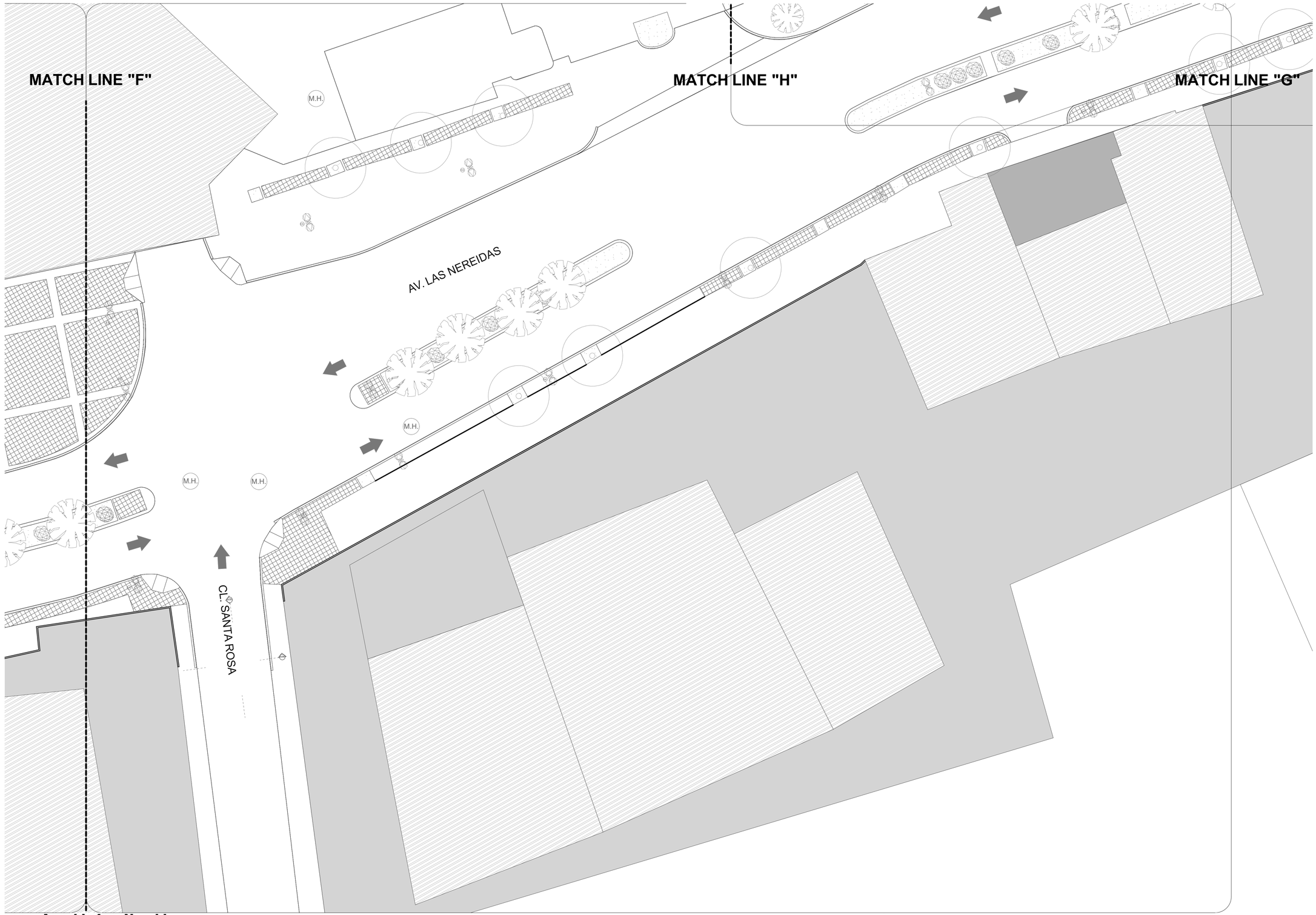
Layout ID:
EC-1.6

Revision:

Modified by:

Checked by:

Approved by



1 Avenida Las Nereidas Exisitng Conditions GG

3/32" = 1'-0"

Date:
Revid: Chkd: Change Name:

ERBA
ARQUITECTURA
ARCHITECTURE
PUERTO RICO
787.294.0000
www.erba.com

Certificacion:
Yo, Eugenio M. Ramirez Ballasca, arquitecto, licenciado, numero de Registro 19756 certifico que soy el profesional que diseño estos planos y especificaciones y que estos cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Uso de Terrenos vigentes en la jurisdicción donde se construirá el proyecto. Certifico además que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión de la Construcción en Puerto Rico, conocida como la "Ley Num. 76 de 5 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión de la Construcción en Puerto Rico", y que por lo tanto, en mi opinión profesional, estos planos y especificaciones se ajustan a la realidad de los hechos que se han producido en el predio donde se construirá la obra propuesta y no se ha omitido ningún hecho importante que conozca y que pueda haber influido en la declaración falsa o falsificación de los hechos que se han producido en el predio donde se construirá la obra propuesta o por negligencia o por intención incurrido en alguna falsedad, ocultación o falsificación de los hechos. Entiendo que cualquier error, omisión o falsificación de los hechos que se haya producido en el predio donde se construirá la obra propuesta y no sea por mi, me sujetaría a responsabilidad profesional y a cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Client:
#Site Address1
#Site Address2 Autónomo de Catalo
#Site Address3
Catalo - #Site State

Project Info:
Cadastre: 720-033-008-88
ID #: #Project ID
Permit #: 2022-xxxxxx
2023-04-28 | 17:09

Drawing Name:
EC-1 Exiting Conditions - Ave Las Nereidas
Avenida Las Nereidas Existing Conditions GG

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID:
EC-1.7

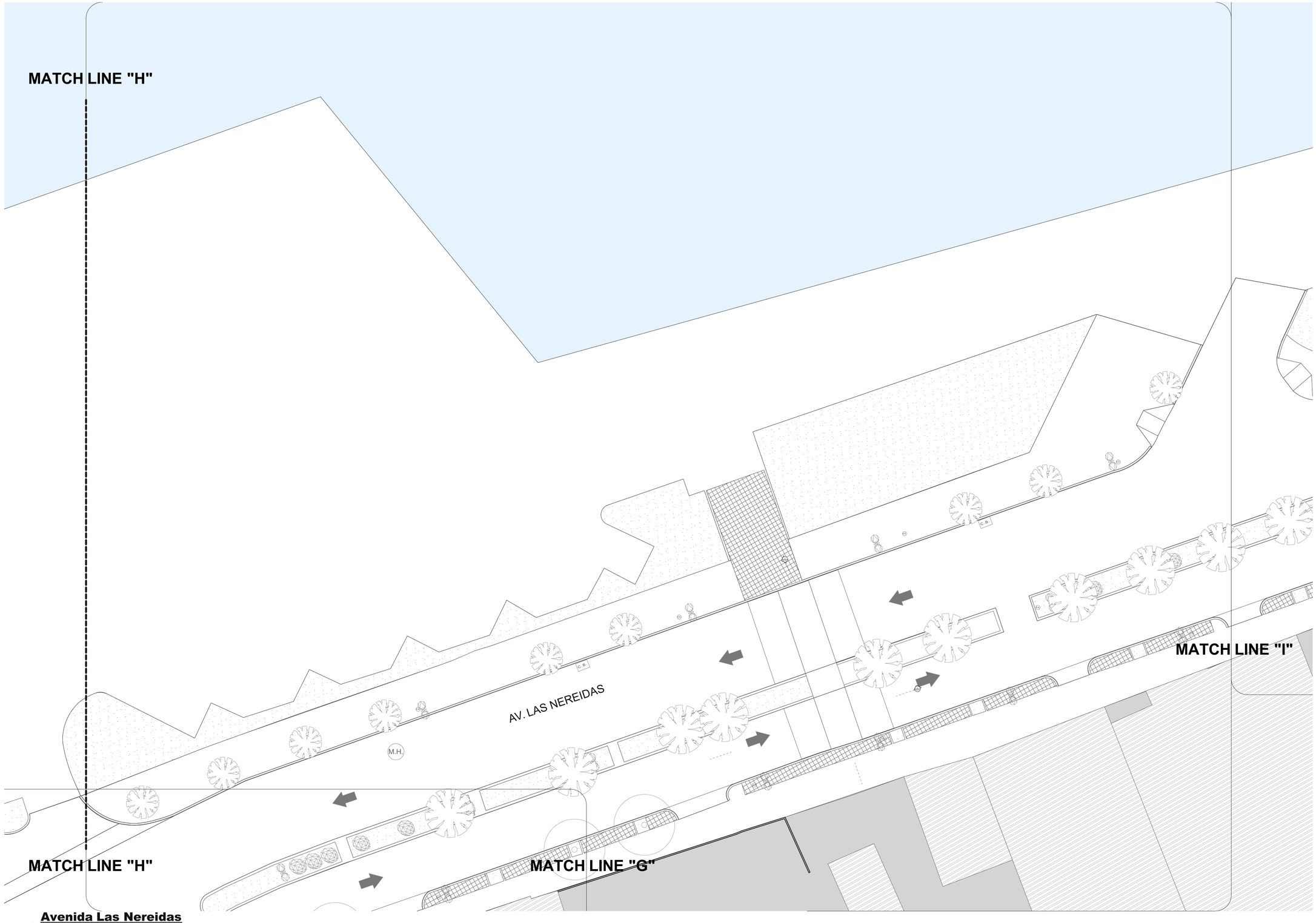
Revision:

Modified by:

Checked by:

Approved by

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1 Avenida Las Nereidas Exisitng Conditions HH
3/32" = 1'-0"

Revit	Child	Change Name	Date

Certificacion:
Yo, **Eugenio M. Ramirez Bellisario, arquitecto licenciado, numero de licencia 13706** certifico que soy el profesional que diseño estos planos y especificaciones, que soy responsable profesional por los mismos, que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Innovación, la Calidad y el Cumplimiento Regulatorio de 2004, según enmendada, conocida como la "Ley para la Innovación, la Calidad y el Cumplimiento Regulatorio de Puerto Rico", la Ley Núm. 76 de 5 de mayo de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley del Profesional de la Arquitectura y la Arquitectura Paisajista de Puerto Rico" y la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, conocida como la "Ley de Profesionales de la Ingeniería y de la Agrimensura". Que la declaración falsa o falsificación de los hechos que an hoya producido por dolosos, con culpa o negligencia ya sea por mi, mi representado o mi personal, me hace responsable ante la OGPe y sujeto a las penalidades establecidas por la misma. Reconozco que soy responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Project Info:
Cadastre: 720-033-008-86
D.P. / PPI Appl. ID: #Site_Address1
Project # 22-22 #Site_Address2
2022-04-28 | 17:09 Catano, #Site_State
#Client City | PR

Drawing Name:
EC-1 Exiting Conditions - Ave Las Nereidas
Avenida Las Nereidas Exisitng Conditions HH

Drawing Scale: 3/32" = 1'-0"

Drawing Status: **DD - Design Development 60%**

Layout ID:
EC-1.8

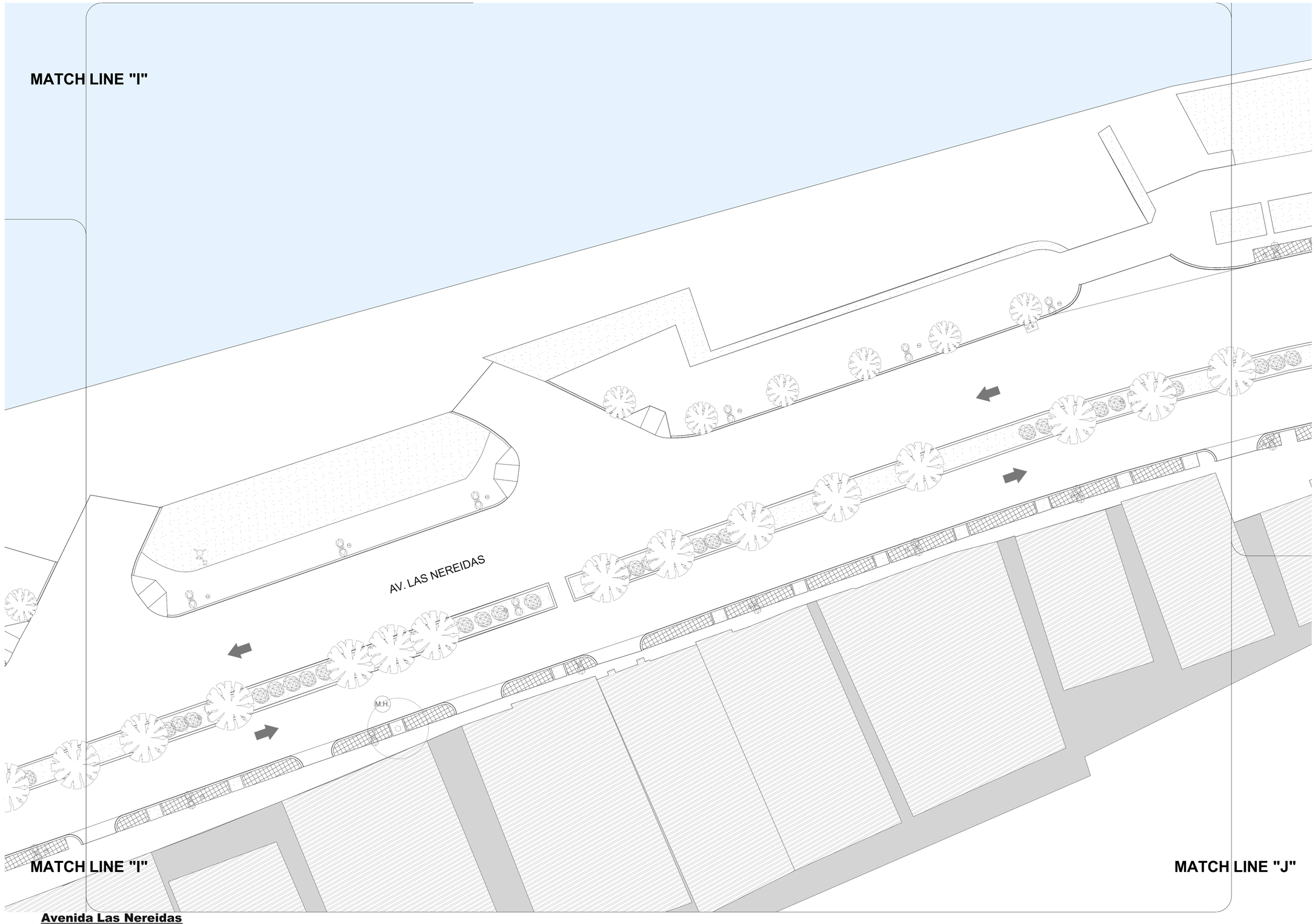
Revision:

Modified by:

Checked by:

Approved by

S:\projects\2022\22-22-Catano_Avenida Las Nereidas-Phase\drawing-archive\Design Development Phase 60%\Catano_Avenida Las Nereidas-Phase 20220428 1709.pln



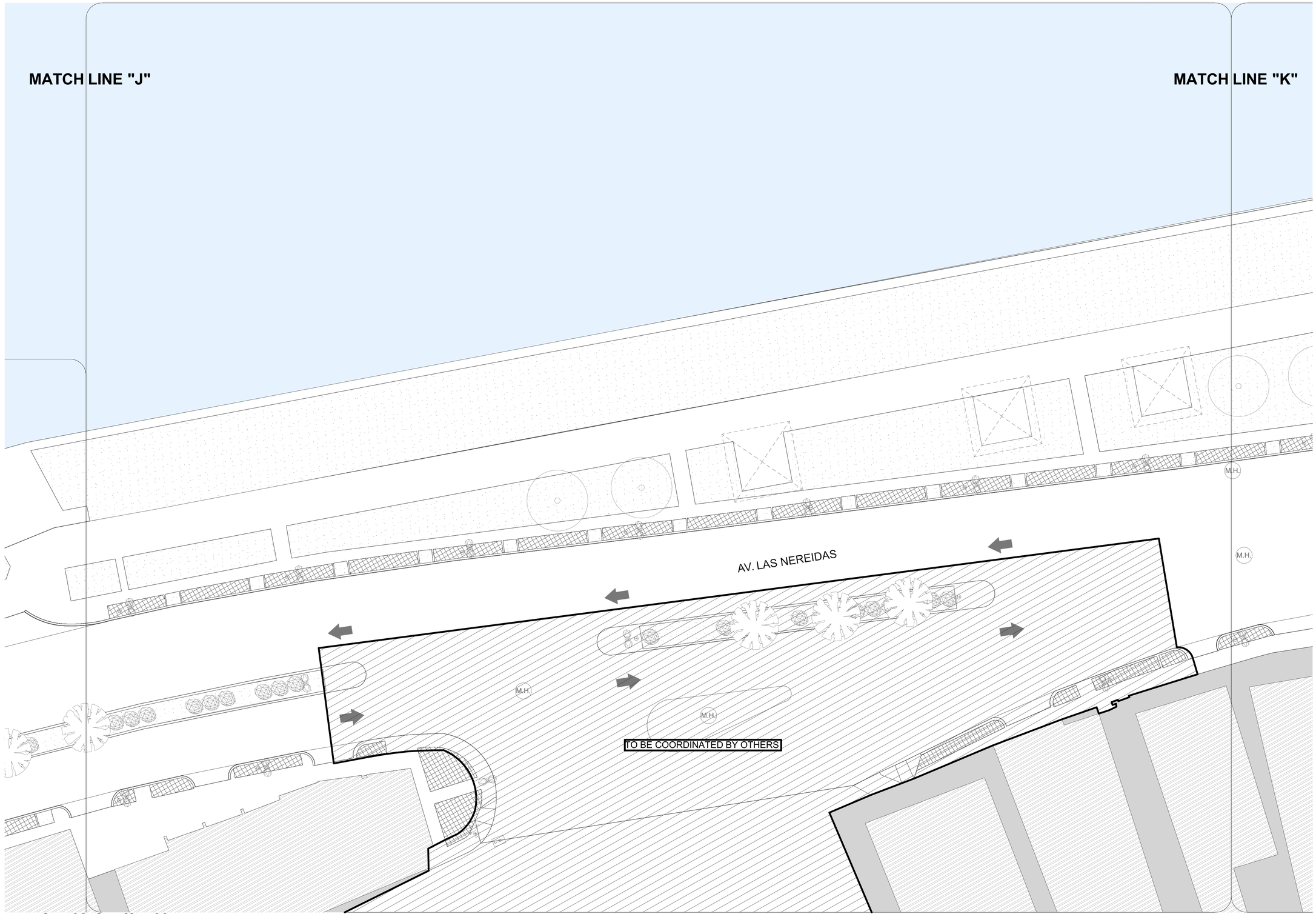
1 Avenida Las Nereidas
Exisitng Conditions II
3/32" = 1'-0"

Revit	CHD	Change Name	Date

Certificacion:
Yo, **Eugenio M. Ramírez Bellasa, arquitecto licenciado, número de Matrícula 19756** certifico que soy el profesional que diseñó estos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de edificación y Zonificación, y Ordenanzas vigentes en la jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Innovación, Modernización y Flexibilidad de la Reglamentación de la Construcción en Puerto Rico, Ley Núm. 76 de 5 de julio de 2000, según enmendada, conocida como la "Ley para la Reforma de Permisos de Puerto Rico", y los Reglamentos promulgados al amparo de dicha Ley. Certifico que he cumplido con la declaración bisa e identificación de los hechos que se han producido en el proceso de diseño, según requerido por la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, Ley Núm. 96 de 26 de mayo de 1938, según enmendada, Ley Núm. 66 de 22 de junio de 2004, según enmendada, conocida como la "Ley para la Reforma del Proceso de Permisos de Puerto Rico", y los Reglamentos promulgados al amparo de dicha Ley. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Innovación, Modernización y Flexibilidad de la Reglamentación de la Construcción en Puerto Rico, Ley Núm. 76 de 5 de julio de 2000, según enmendada, conocida como la "Ley para la Reforma de Permisos de Puerto Rico", y los Reglamentos promulgados al amparo de dicha Ley. Los hechos que se han producido en el proceso de diseño, según requerido por la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, Ley Núm. 96 de 26 de mayo de 1938, según enmendada, Ley Núm. 66 de 22 de junio de 2004, según enmendada, conocida como la "Ley para la Reforma del Proceso de Permisos de Puerto Rico", y los Reglamentos promulgados al amparo de dicha Ley. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Innovación, Modernización y Flexibilidad de la Reglamentación de la Construcción en Puerto Rico, Ley Núm. 76 de 5 de julio de 2000, según enmendada, conocida como la "Ley para la Reforma de Permisos de Puerto Rico", y los Reglamentos promulgados al amparo de dicha Ley. Certifico que he cumplido con la declaración bisa e identificación de los hechos que se han producido en el proceso de diseño, según requerido por la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, Ley Núm. 96 de 26 de mayo de 1938, según enmendada, Ley Núm. 66 de 22 de junio de 2004, según enmendada, conocida como la "Ley para la Reforma del Proceso de Permisos de Puerto Rico", y los Reglamentos promulgados al amparo de dicha Ley. Los hechos que se han producido en el proceso de diseño, según requerido por la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, Ley Núm. 96 de 26 de mayo de 1938, según enmendada, Ley Núm. 66 de 22 de junio de 2004, según enmendada, conocida como la "Ley para la Reforma del Proceso de Permisos de Puerto Rico", y los Reglamentos promulgados al amparo de dicha Ley. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Innovación, Modernización y Flexibilidad de la Reglamentación de la Construcción en Puerto Rico, Ley Núm. 76 de 5 de julio de 2000, según enmendada, conocida como la "Ley para la Reforma de Permisos de Puerto Rico", y los Reglamentos promulgados al amparo de dicha Ley. Los hechos que se han producido en el proceso de diseño, según requerido por la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, Ley Núm. 96 de 26 de mayo de 1938, según enmendada, Ley Núm. 66 de 22 de junio de 2004, según enmendada, conocida como la "Ley para la Reforma del Proceso

MATCH LINE "J"

MATCH LINE "K"



1 Avenida Las Nereidas Exisitng Conditions JJ

3/32" = 1'-0"

Rev/D	CKD	Change Name	Date

ERBA
ARQUITECTURA
DISEÑO
PUERTO RICO
SUITE 204
787.722.2000
www.erba.com

Certificación:

Yo, **Eugenio M. Ramírez Balbiana, arquitecto licenciado, número de licencia 13706** certifico que soy el profesional que diseñó estos planos y las especificaciones que los acompañan y certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos y Ordenamiento Territorial de las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Dignificación de la Profesión de Arquitectura de 2004, según enmendada, conocida como la "Ley para la Dignificación de la Profesión de Arquitectura", Ley Núm. 96 de 6 de julio de 1988, según enmendada, y Ley Núm. 96 de 6 de julio de 1988, según enmendada, conocida como la "Ley de Arquitectura y Declaración Jurada de Planos", Ley Núm. 173 de 12 de mayo de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 1988, según enmendada, y Ley Núm. 135 de 15 de junio de 1967, según enmendada, y que he hecho la declaración jurada o ratificación de los hechos que se haya producido por escrito, bajo juramento ante un notario público, en relación con estos planos, no por negligencia ya sea por mi, mis agentes o empleados, omisión o por imprudencia crasa, y que soy el único responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:

CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

District:
Río Piedras1
Río Piedras2
Catano - Río Plata

Project Info:
Catastro: 720-033-008-88
PDA: #Project_ID
Permit #: 2022-[ ]
2023-04-28 | 17:09

Drawing Name:

EC-1 Exiting Conditions - Ave Las Nereidas

Avenida Las Nereidas Exisitng Conditions JJ

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID:

EC-1.10

Revision:

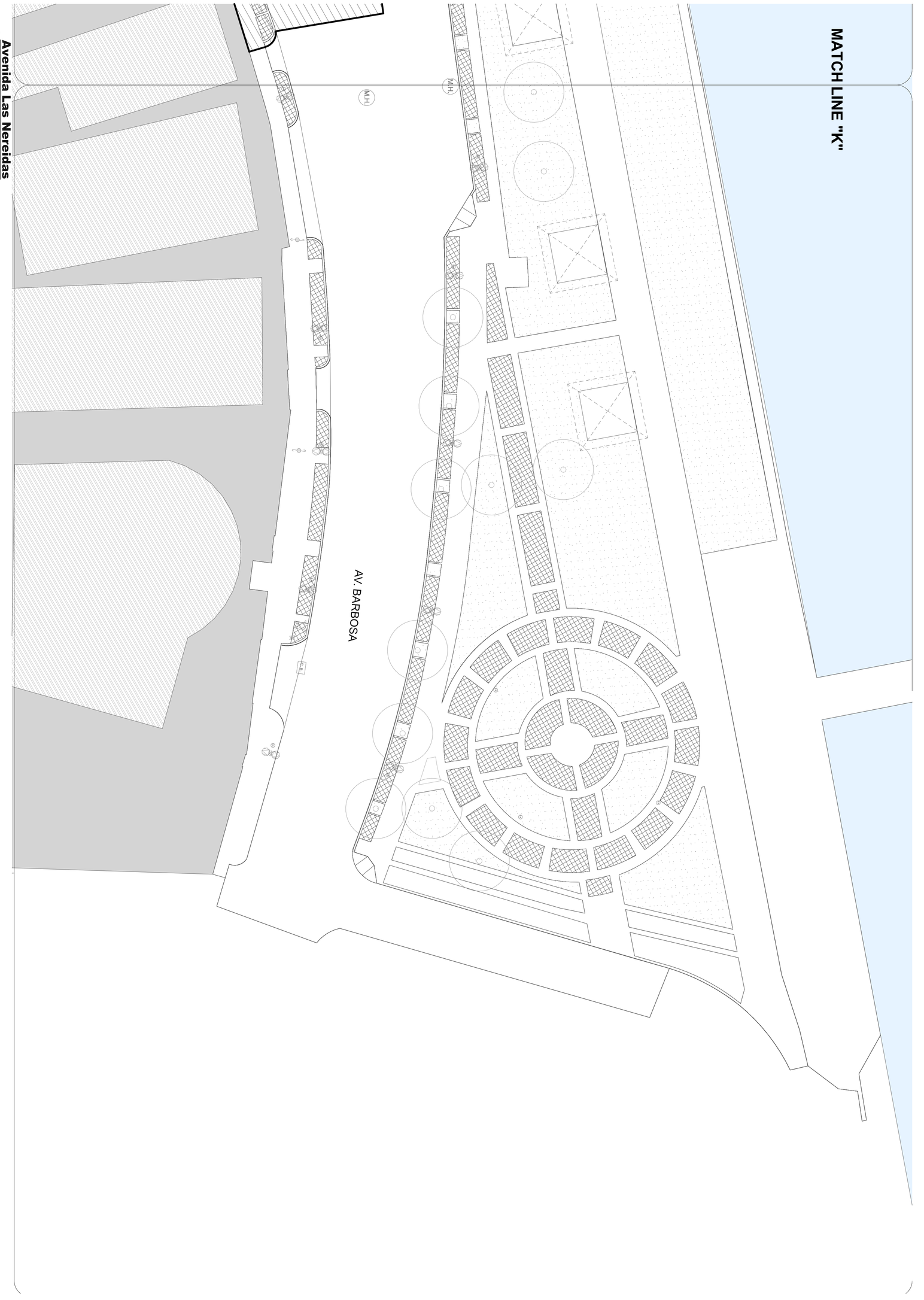
Modified by:

Checked by:

Approved by

#Client City | PR

S:\projects\000520 ED Catano_Avenida Las Nereidas Placentera-archicad\Design Development Phase 60%\Catano_Avenida Las Nereidas Phase 20230428 1709.pln



1 Avenida Las Nereidas Exisitng Conditions KK

3/32" = 1'-0"

Layout ID: **EC-1.11**

Revision:

Modified by:

Checked by:

Approved by

Drawing Name: **EC-1 Exiting Conditions - Ave Las Nereidas**

Avenida Las Nereidas Exisitng Conditions KK

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Project: **CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas**

Project Info:
Cadestre: 720-033-008-89
ID #: #Project ID
Project #: 22_022
2023-04-28 | 17:09

Client:
#Site Address1
Municipio Autónomo de Cataño
#Site Address2
Cataño - #Site State
#Client Address1
#Client City | PR

Certificacion:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

EUGENIO M. RAMIREZ BALLAGAS
RBA ARQUITECTOS
LICENCIA NÚM. 19796
PUERTO RICO
www.rbarq.com

Rev/D	Ch/D	Change Name	Date



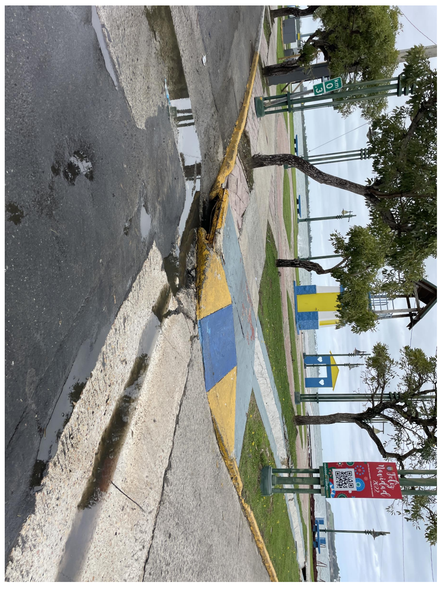
















Layout ID:

EC-1.12

Revision:

Modified by:

Checked by:

Approved by

Drawing Name:

EC-1 Exiting Conditions - Ave Las Nereidas

Drawing Scale:

Drawing Status:

DD - Design Development 60%

Project:

CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cadestre: 720-033-008-88
ID #: #Project ID
Project #: 22_022
2023-04-28 | 17:09

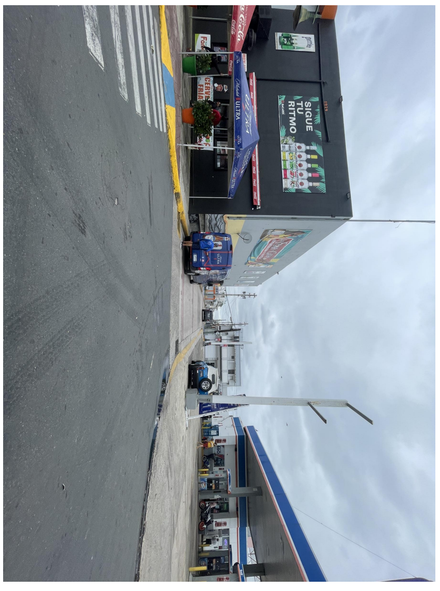
Client:
#Site Address1
Municipio Autónomo de Cataño
#Site Address2
Cataño - #Site State
#Client Address1
#Client City | PR

Certificacion:

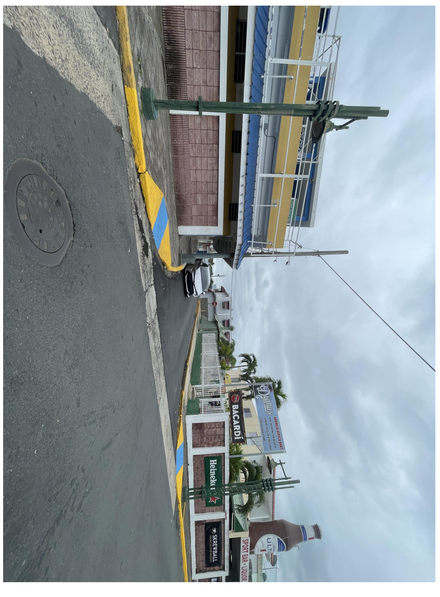
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

ENGENIO M. RAMIREZ BALLAGAS
LICENCIA 19796
ARQUITECTO
ENDERS GO COMPANY
RESTE 206
SUITE 206
SAN JUAN, PR 00918
787.620.6161
www.endersgo.com

Rev/D	Ch/D	Change Name	Date

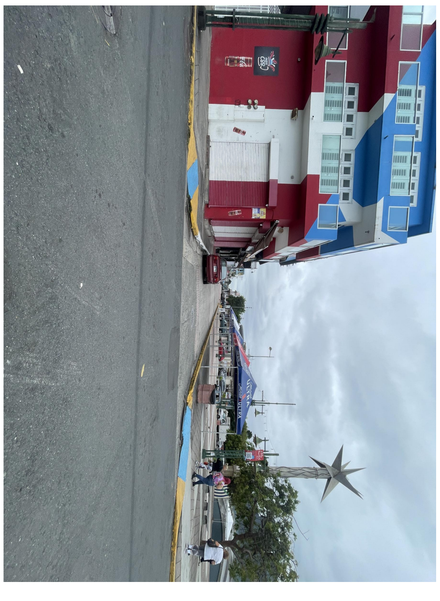












Layout ID:

EC-1.13

Revision:

Modified by:

Checked by:

Approved by

Drawing Name:

EC-1 Exiting Conditions - Ave Las Nereidas

Drawing Scale:

Drawing Status:

DD - Design Development 60%

Project:

CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cadestre: 720-033-008-88
ID #: #Project ID
Project #: 22_022
2023-04-28 | 17:10

Client:
#Site Address1
Municipio Autónomo de Cataño
#Site Address2
#Site Country
Cataño - #Site State
#Client Address1
#Client City | PR

Certificacion:

Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

ENGENIO M. RAMIREZ BALLAGAS
ARQUITECTO
LICENCIA NÚM. 19796
ESTE SELLO CERTIFICA LOS PLANOS ADJUNTOS
www.ezgroup.com

DISEÑAR ES COMO TROVAR

Rev/D	Ch/D	Change Name	Date







Layout ID:
A-0.0

Revision:

Modified by:

Checked by:

Approved by

Drawing Name:
A-0 Architectural Renders - Ave. Las Nereidas

Drawing Scale:

Drawing Status:
DD - Design Development 60%

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cadestre: 720-033-008-88
ID #: #Project ID
Project #: 22_022
2023-04-28 | 17:10

Client:
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#Site Address2
Municipio Autónomo de Cataño
#Site Country
Cataño - #Site State
#Client Address1
#Client City | PR

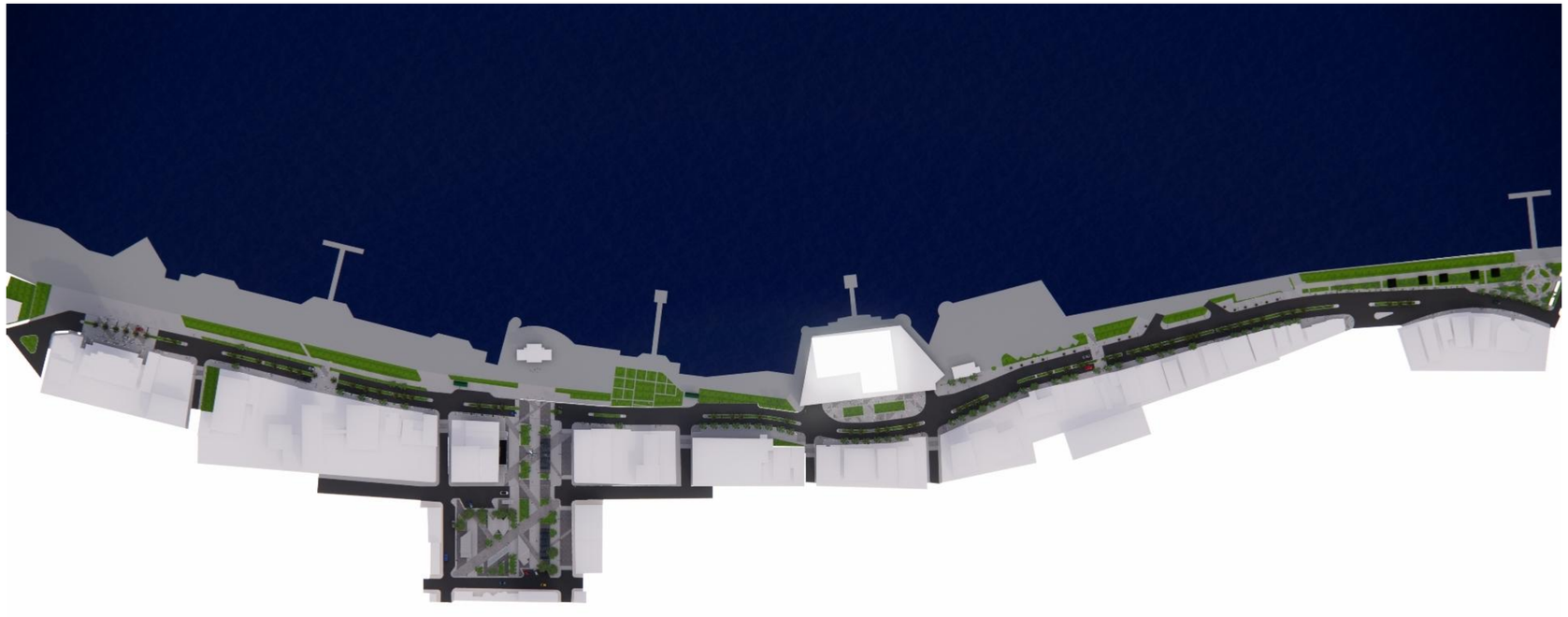
Certificacion:
Yo, **Eugenio M. Ramírez Ballagas, arquitecto licenciado, número de licencia 19796** certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

ENGENIO M. RAMIREZ BALLAGAS
ERBA
ARQUITECTURA
DISEÑAR ES COMO TROVAR
RESTE 206
CONSTRUCCIÓN
SAN JUAN, PR 00926
www.erbapr.com

Rev/D	Ch/D	Change Name	Date



1 Site Plan
1/128"= 1'-0"



2 Render Site Plan
1:1.15

Certificacion:
Yo, **Eugenio M. Ramirez Ballajas, arquitecto licenciado, numero de licencia 13726** certifico que soy el profesional que diseño estos planos y especificaciones, y que según mi mejor conocimiento y entendimiento que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcciones Públicas y Privadas de Puerto Rico y de las ordenanzas Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Protección de la Propiedad Vehicular de 2004, según enmendada, conocida como la "Ley para la Invención de Vehículos Hurtados", y con la Ley Núm. 96 de 6 de julio de 1935, según enmendada; Ley Núm. 84 de 18 de junio de 2010, según enmendada, conocida como la "Ley para Prevenir la Declaración falsa o falsificación de los hechos que se haya producido por omisión o por ninguna con la misma, no importa si fue por omisión, error o por ninguna otra causa, y seré responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Cliente:
#Client1, #Client2, #Client3
Catano, **#Site State**

Project Info:
Cadastre: 720-033-008-88
ID #: #Project ID
Permit #: 22-202
2023-04-28 | 17:10

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Site Plan, Render Site Plan

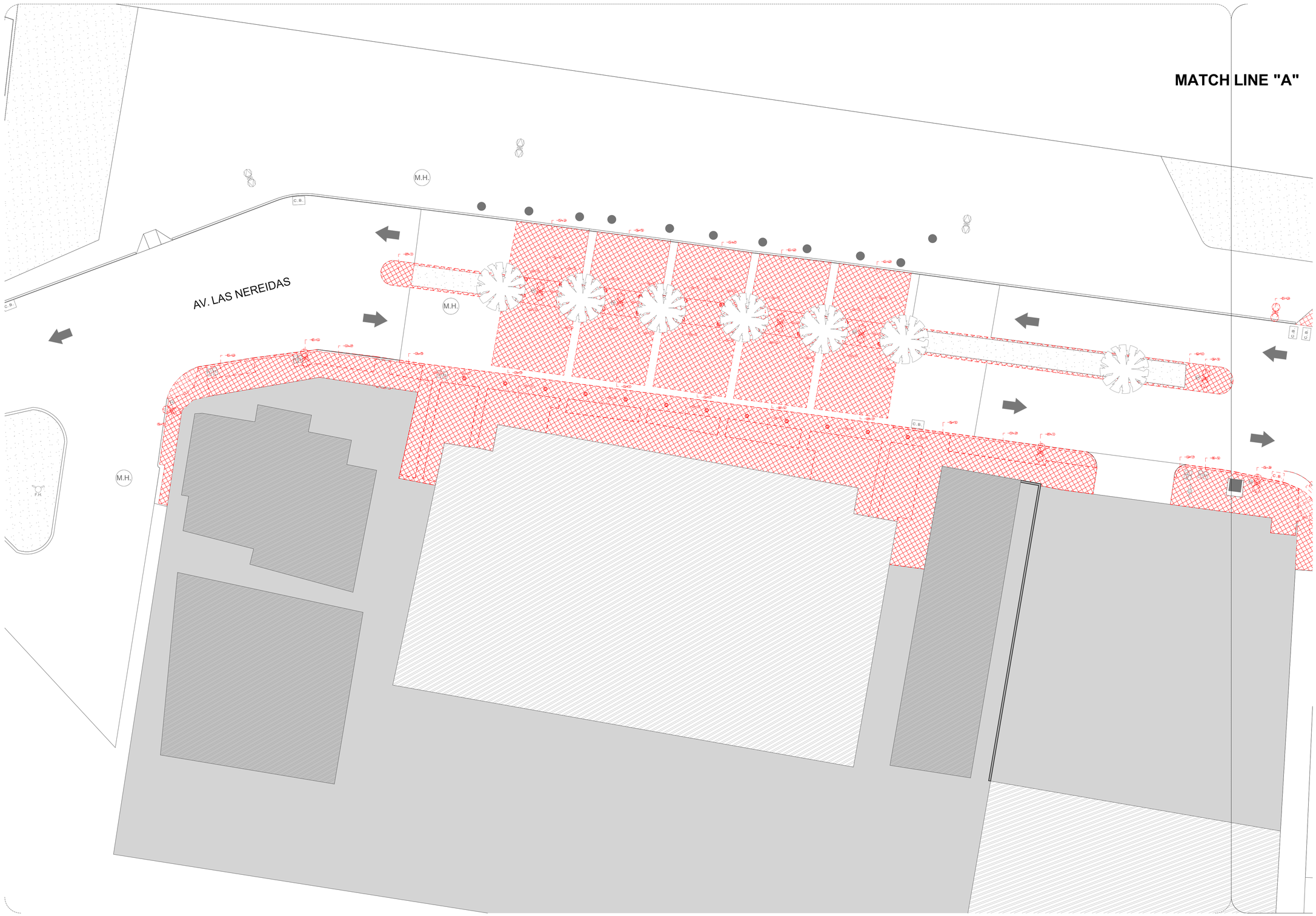
Drawing Scale: **1/128"= 1'-0", 1:1.15**
Drawing Status: **DD - Design Development 60%**

Layout ID:
A-0.1
Revision:
Modified by:
Checked by:
Approved by

Revit	CAD	Change Name	Date

ERBA
ARQUITECTURA
DISEÑO
PLANIFICACIÓN
SUITE 204
787.622.1111
www.erba.pr

Diseñado En Color Plus



1 **Demolition Partial Plan AA**
3/32" = 1'-0"

Date:
Revit0 | Ch0 | Change Name:

ERBA
ARQUITECTURA
ARCHITECTURE
ERBA 2004
Arquitectos Asociados
Architects Associates
www.erba2004.com

Certificacion:
Yo, **Eugenio M. Ramirez Ballasca, arquitecto licenciado, numero de licencia 13726** certifico que soy el profesional que diseño estos planos y especificaciones y que estos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Uso de Terrenos vigentes en las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley Num. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión de la Industria de la Construcción en Puerto Rico" y la Ley Num. 173 de 12 de mayo de 1938, según enmendada. Ley Num. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión de la Industria de la Construcción en Puerto Rico" y la Ley Num. 173 de 12 de mayo de 1938, según enmendada. Y que la información provista en la declaración falsa o falsificación de los hechos que en ella incluyo o incluyan por omisión o por ocultación, ya sea por mi, mis agentes o empleados, o por cualquier persona actuando en mi representación, es constitutivo de delito grave y me hace responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Project Info:
Catastro: 720-003-008-88
ID #: #Project ID
Project #: 2022
#Site_Address1
#Site_Address2
#Site_City, #Site_State
Catano, Puerto Rico
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Demolition Partial Plan AA

Drawing Scale: **3/32" = 1'-0"**
Drawing Status: **DD - Design Development 60%**

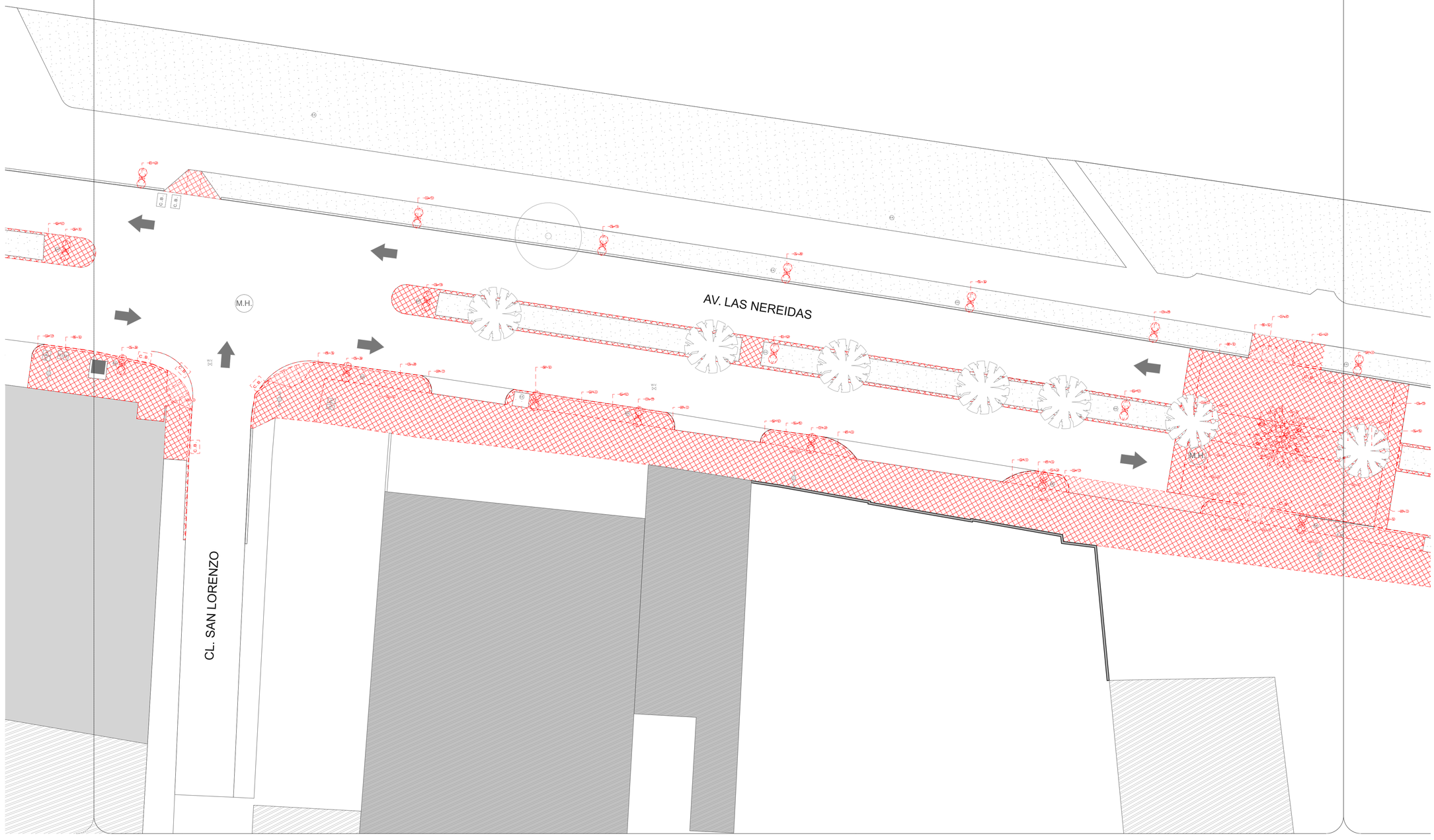
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A-1.1

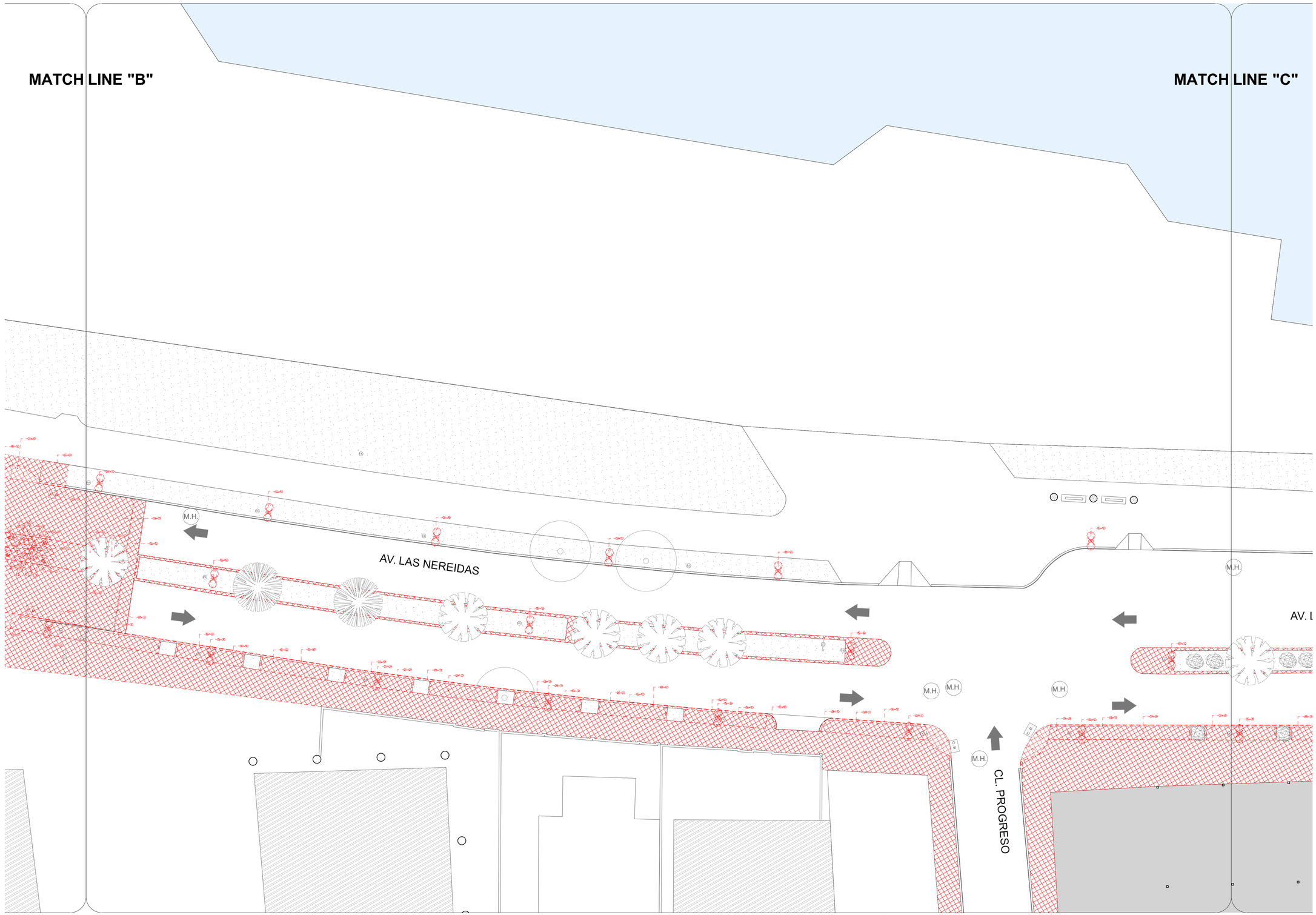
Revision:
Modified by:
Checked by:
Approved by

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MATCH LINE "A"

MATCH LINE "B"


AV. LAS NEREIDAS
CL. SAN LORENZO
M.H.
C.B.
C.B.
C.B



1 Demolition Partial Plan CC

3/32" = 1'-0"

Layout ID:
A-1.3

Revision:

Modified by:

Checked by:

Approved by

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Demolition Partial Plan CC

Drawing Scale: 3/32" = 1'-0"

Drawing Status:
DD - Design Development 60%

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

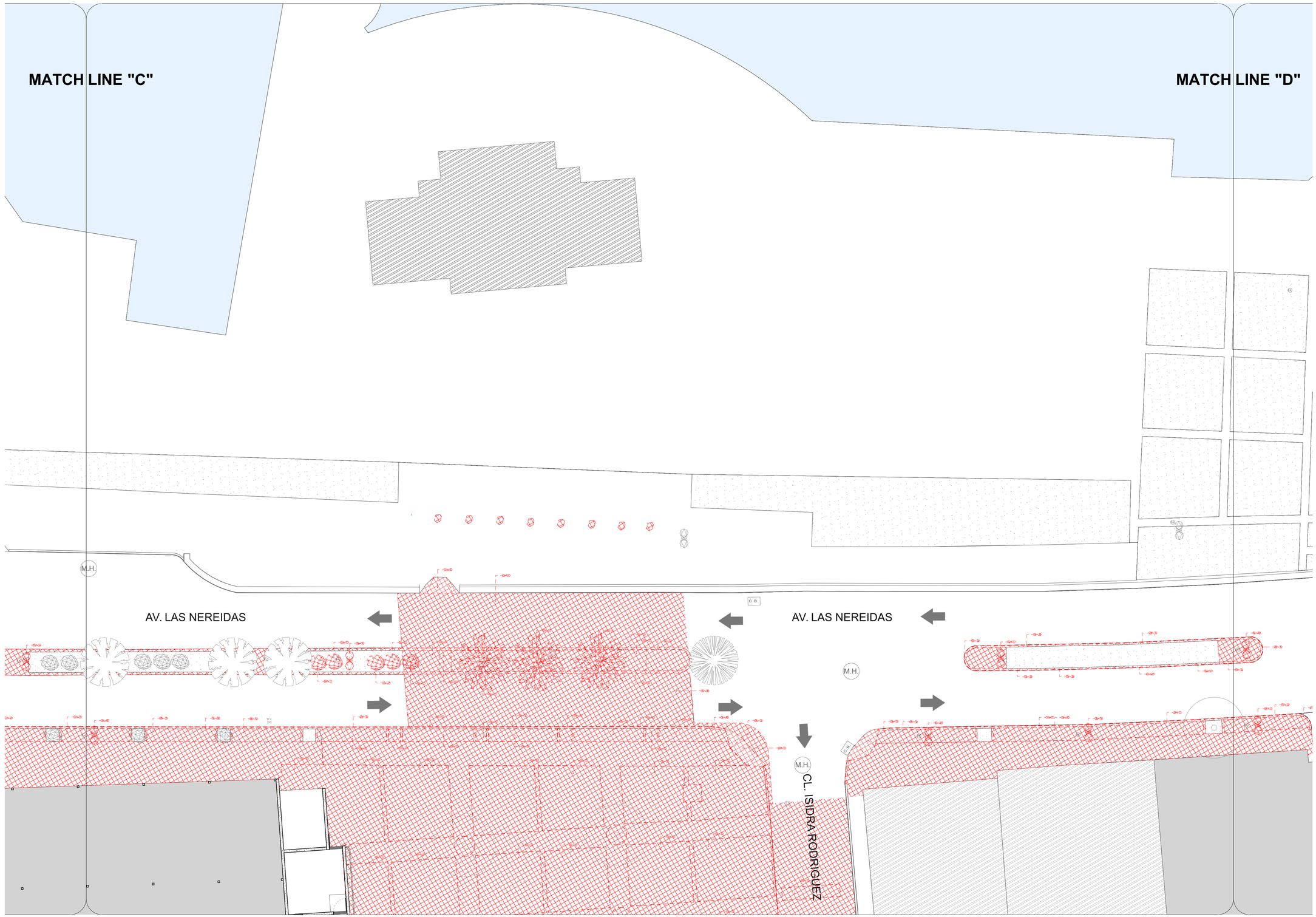
Client:
#Municipio1
#Municipio2 Autónomo de Catalo
Catano, #Estado Libre Asociado
#Client City | PR

Project Info:
Catastro: 720-033-008-88
ID #: #Project ID2
Permit #: 2023-0001
2023-04-28 | 17:10

Certification:
Yo, **Eugenio M. Ramírez Balbuena, arquitecto licenciado, número de licencia 13706** certifico que soy el profesional que diseño estos planos y especificaciones, y que según mi mejor conocimiento y leal entender dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Urbanismo de aquellas Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con las disposiciones de la Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención de la Declaración Tácita o Razonable", y con la Ley Núm. 76 de 5 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención de la Declaración Tácita o Razonable" y con la Ley Núm. 76 de 5 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención de la Declaración Tácita o Razonable" y con la Ley para la invención de la Declaración Tácita o Razonable que se haya producido por omisión, error o por negligencia ya sea por mi, mis empleados o personas contratadas por mi persona natural o jurídica, será responsable de cualquier acción judicial y disciplinaria por la OGPe.

Date | Revid | Chkd | Change Name

ERBA
ARCHITECTURE
DESIGN
SUITE 204
787.622.1100
www.erba.pr
Eugenio M. Ramírez Balbuena

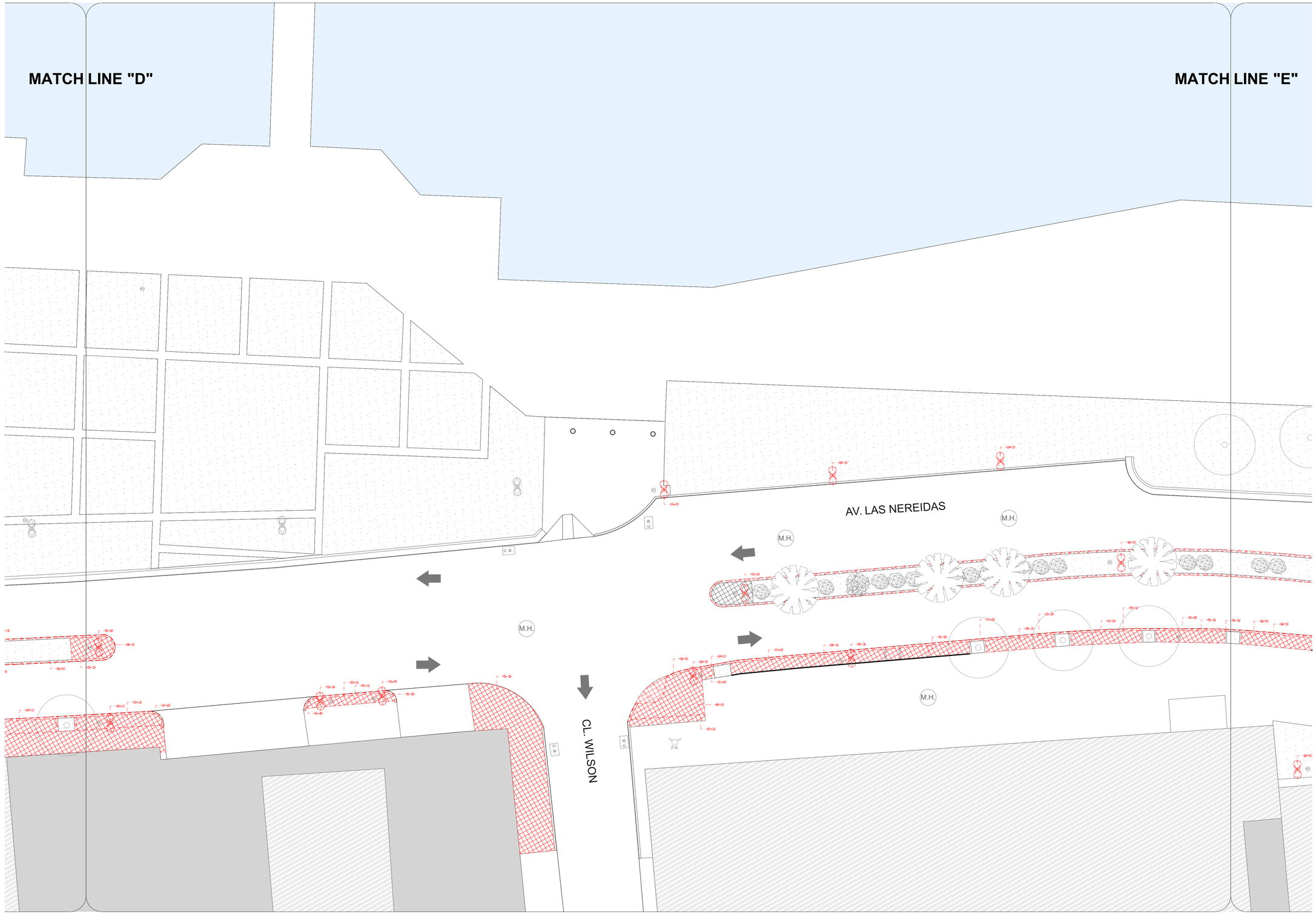


1 Demolition Partial Plan DD

3/32" = 1'-0"

Date:
Change Name:
CHD:
Revit D:

Certification:
Yo, **Eugenio M. Ramírez Balbuena, arquitecto licenciado, número de licencia 13706** certifico que soy el profesional que diseñó estos planos y especificaciones, y que según mi leal saber y entender que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción adoptados por las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación, Trámite y Adjudicación de Querellas Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Investigación, Trámite y Adjudicación de Querellas" y la Ley Núm. 76 de 5 de mayo de 1938, según enmendada,



1 Demolition Partial Plan EE

3/32" = 1'-0"

S:\projects\000320 Eli Calvio_Avenida Las Nereidas Placentera-archivos\Design Development Phase 90%\Calvio_Avenida Las Nereidas Plasce 20230428 1016.pln

Revit	CHD	Change Name	Date

ERBA
ARQUITECTURA
DISEÑO
SUITE 204
787.404.1100
www.erba.pr

Certification:
Yo, **Eugenio M. Ramírez Balbiaux, arquitecto licenciado, número de licencia 13706** certifico que soy el profesional que diseñó estos planos y especificaciones, y que los mismos cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos de los Municipios Autónomos y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Invención, Fomento y Reglamentación de la Profesión de Arquitectura en Puerto Rico, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención, Fomento y Reglamentación de la Profesión de Arquitectura en Puerto Rico", Ley Núm. 96 de 6 de julio de 2004, según enmendada, y Ley Núm. 84 de 18 de junio de 1970, según enmendada, y que la información provista en la declaración falsa o falsificación de los hechos que se haya producido por omisión, o por negligencia, ya sea por mí, mi representante o persona autorizada, podría conllevar la revocación de la licencia, responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Distrito:
Río Abajo Distrito1
Río Abajo Distrito2
Calvio, Adela State

Project Info:
Catastro: 720-033-008-88 Municipio Autónomo de Catalio
ID Nº: #Project ID
Permit #: 2022-0000
2023-04-28 | 17:10
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Demolition Partial Plan EE

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

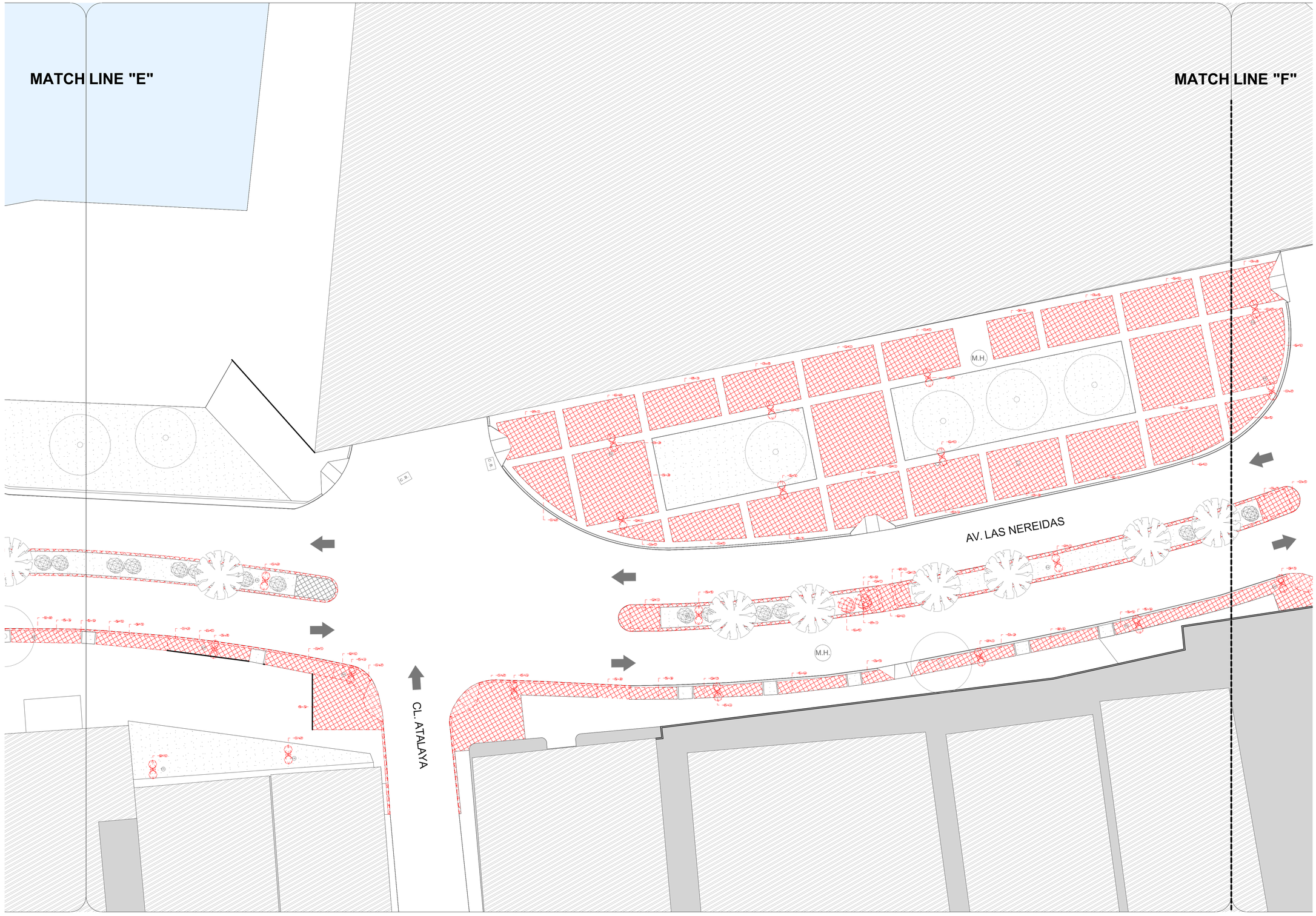
Layout ID:
A-1.5

Revision:

Modified by:

Checked by:

Approved by



1 Demolition Partial Plan FF

3/32" = 1'-0"

S:\projects\2022\22-22-Catalo_Avenida Las Nereidas-Placentinos-archicad\Design Development Phase 90%\Catalo_Avenida Las Nereidas-Phase 90%Model 1030.pln

Date:

Revi0 | Ch0d | Change Name

ERBA
ARQUITECTURA
ARCHITECTURE
PUERTO RICO
787.644.2288
www.erba.pro

Certificacion:
Yo, **Eugenio M. Ramirez Bellanca, arquitecto, licenciado, numero de licencia 13756** certifico que soy el profesional que diseño estos planos y especificaciones, y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Innovación, la Flexibilidad y el Balance, conocida como la "Ley 161 de 1 de diciembre de 2004, según enmendada, conocida como la "Ley para la Innovación, la Flexibilidad y el Balance", y la Ley Núm. 96 de 6 de julio de 1938, según enmendada, "Ley de Arquitectura y Arquitectos". La declaración falsa o falsificación de los hechos que en ésta incluyo por disposición de ley constituye delito grave, por lo cual estaré sujeto a responsabilidad de cualquier acción judicial y disciplinaria por la CGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cadastre: 720-033-008-86
D.P. #PW-pend. ID
Project #: 22-22 (2022)
2022-04-28 | 17:10

Client:
#Client_Address1
#Client_Address2
Catalo_#State
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Demolition Partial Plan FF

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

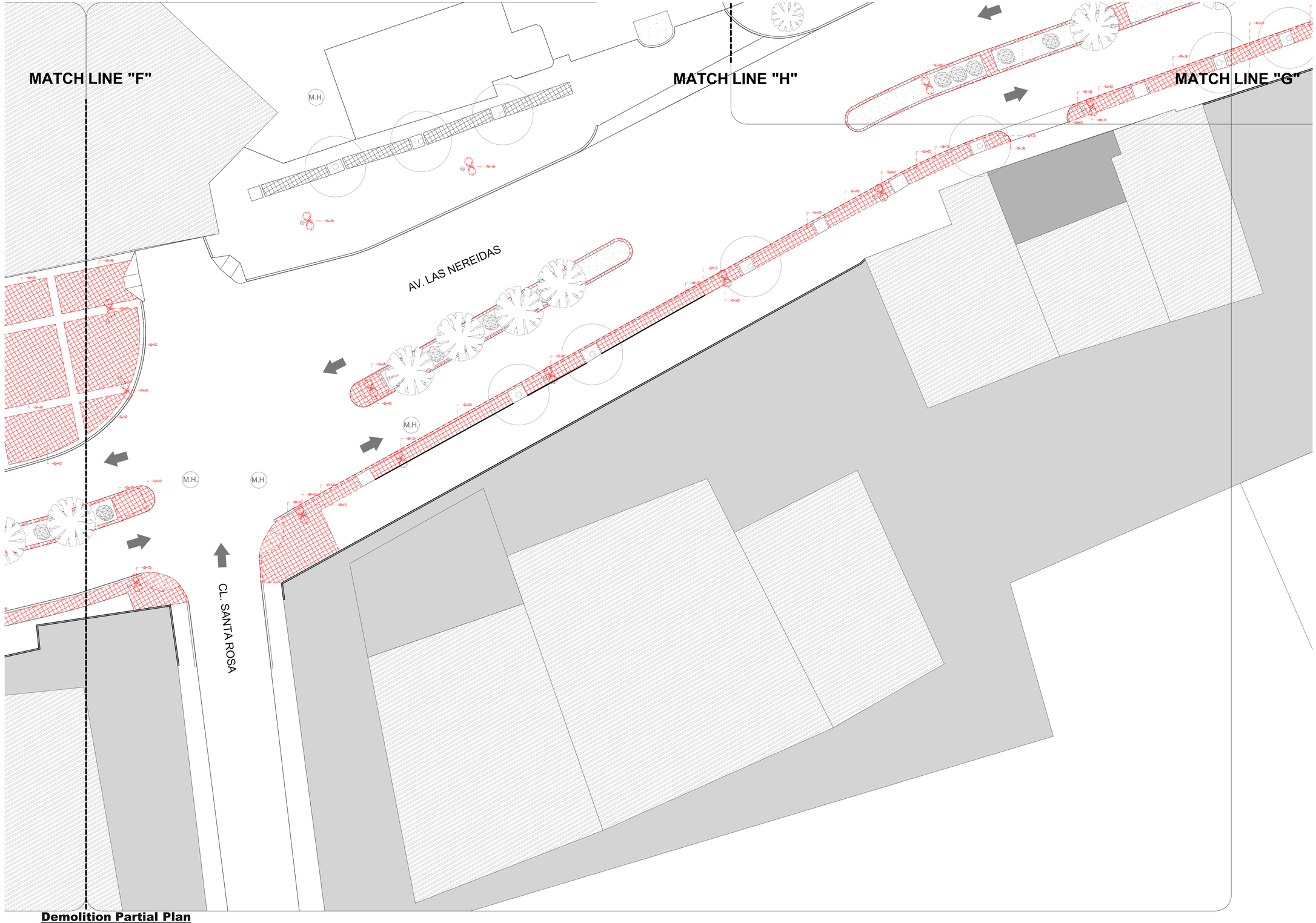
Layout ID:
A-1.6

Revision:

Modified by:

Checked by:

Approved by



1 Demolition Partial Plan GG

3/32" = 1'-0"

Revision | Chkd | Change Name | Date

Certificacion:
Yo, **Eugenio M. Ramirez Ballasca**, arquitecto, licenciado, numero de Registro 19756 certifico que soy el profesional que diseño estos planos y especificaciones y que he supervisado su preparación y que estando dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión Equitativa, Justa y Libre de Discrimen en la Industria de la Construcción, conocida como la "Ley Num. 96 de 6 de julio de 2004, según enmendada, y con la Ley Num. 218 de 31 de mayo de 1938, según enmendada, conocida como la "Ley para la Reglamentación de la Profesión de Ingeniería y de la Agrimensura", por lo que no incluyo ni he incluido en los mismos ninguna disposición o por negligencia ya sea por mi, mis agentes o empleados que viole o resulte en violación de dicha ley. Seré responsable de cualquier acción judicial y disciplinaria por la CIPR.

ESTE SELLO GARANTIZA QUE ESTOS PLANOS FUERON PREPARADOS POR UN PROFESIONAL AUTORIZADO
ESTADO LIBRE ASOCIADO DE PUERTO RICO
JUNTA EXAMINADORA DE INGENIEROS, ARQUITECTOS, AGRIMENSORES Y PLANIFICADORES
ESTE SELLO NO CERTIFICA LA CALIDAD DEL TRABAJO PROFESIONAL

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cadastre: 720-033-008-88
ID #: #Project ID
Permit #: 2022
Phase: #Phase Name

Client:
#Client Address1
#Client Address2 Autónomo de Catalo
#Client City, #Client State
Catalo - #Site State
#Client Phone
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Demolition Partial Plan GG

Drawing Scale: 3/32" = 1'-0"

Drawing Status:
DD - Design Development 60%

Layout ID:
A-1.7

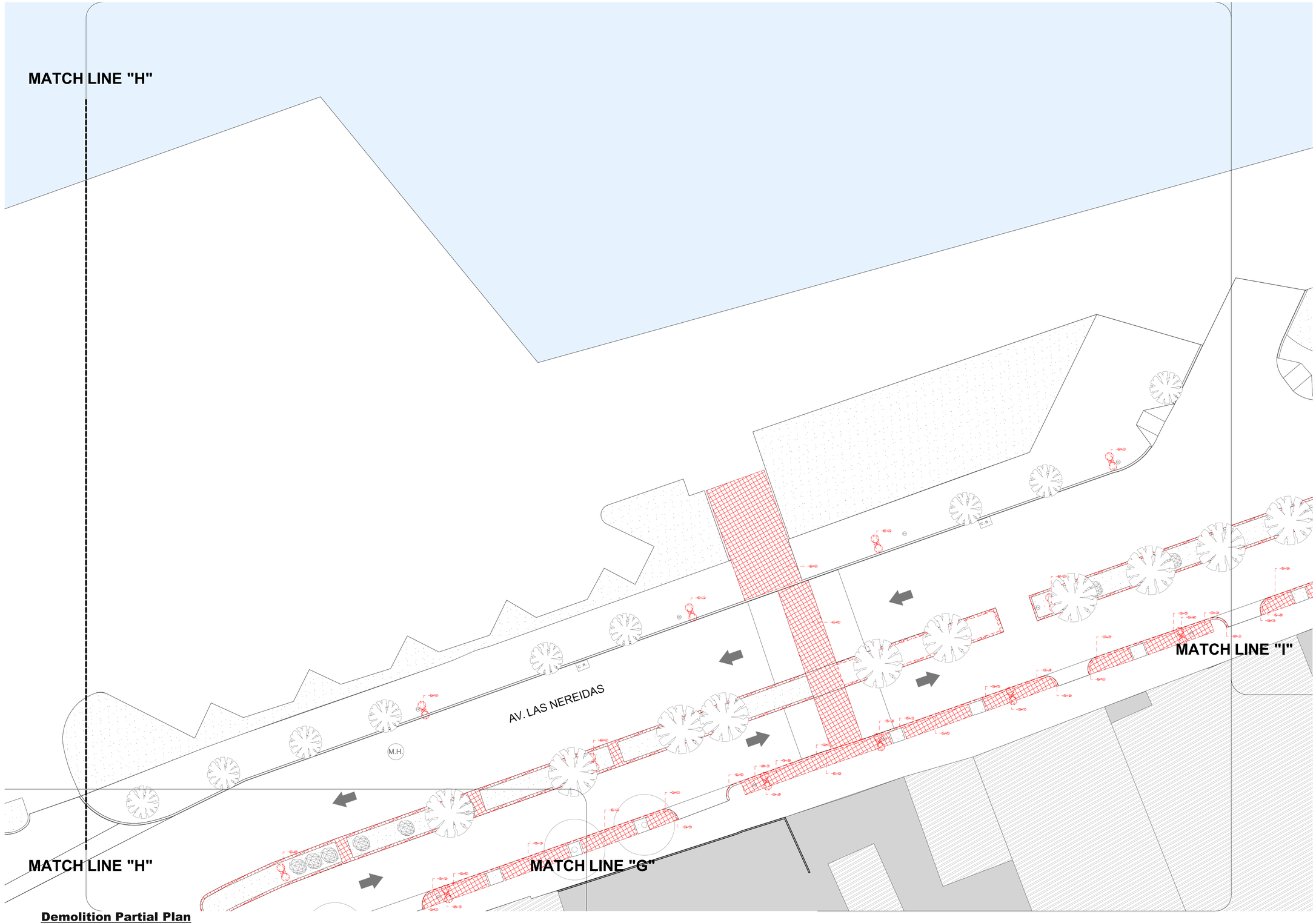
Revision:

Modified by:

Checked by:

Approved by

S:\projects\2022\22-23-Catalo_Avenida Las Nereidas-Phase\dwg-archicad\Design Development Phase 60%\Catalo_Avenida Las Nereidas-Phase 20230428 1016.pln



1 Demolition Partial Plan HH
3/32" = 1'-0"

Revit	CAD	Change Name	Date

Certificacion:
Yo, **Eugenio M. Ramirez Bellisario, arquitecto licenciado, numero de licencia 13706** certifico que soy el profesional que diseño estos planos y especificaciones, que he revisado personalmente, y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Invención de la Arquitectura y la Ingeniería de 2004, según enmendada, conocida como la "Ley para la Invención de la Arquitectura y la Ingeniería de Puerto Rico", la Ley Núm. 173 de 12 de mayo de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 1988, según enmendada, y la Ley Núm. 113 de 29 de julio de 1988, según enmendada, y certifico que no he incurrido en declaración falsa o falsificación de los hechos que an haya producido por dolo, culpa o negligencia ya sea por mi, mi agente o empleados, como cosa por mitigarnos ya sea por mi, mi agente o empleados de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Project Info:
Cadastre: 720-033-008-88
D.P. / PPI Nbr.: ID
Project #: 22-022
2022-04-28 | 17:10
Clients:
#Sta_Katerina1
#Sta_Katerina2
Catano_Vista Stats
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Demolition Partial Plan HH

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID: **A-1.8**

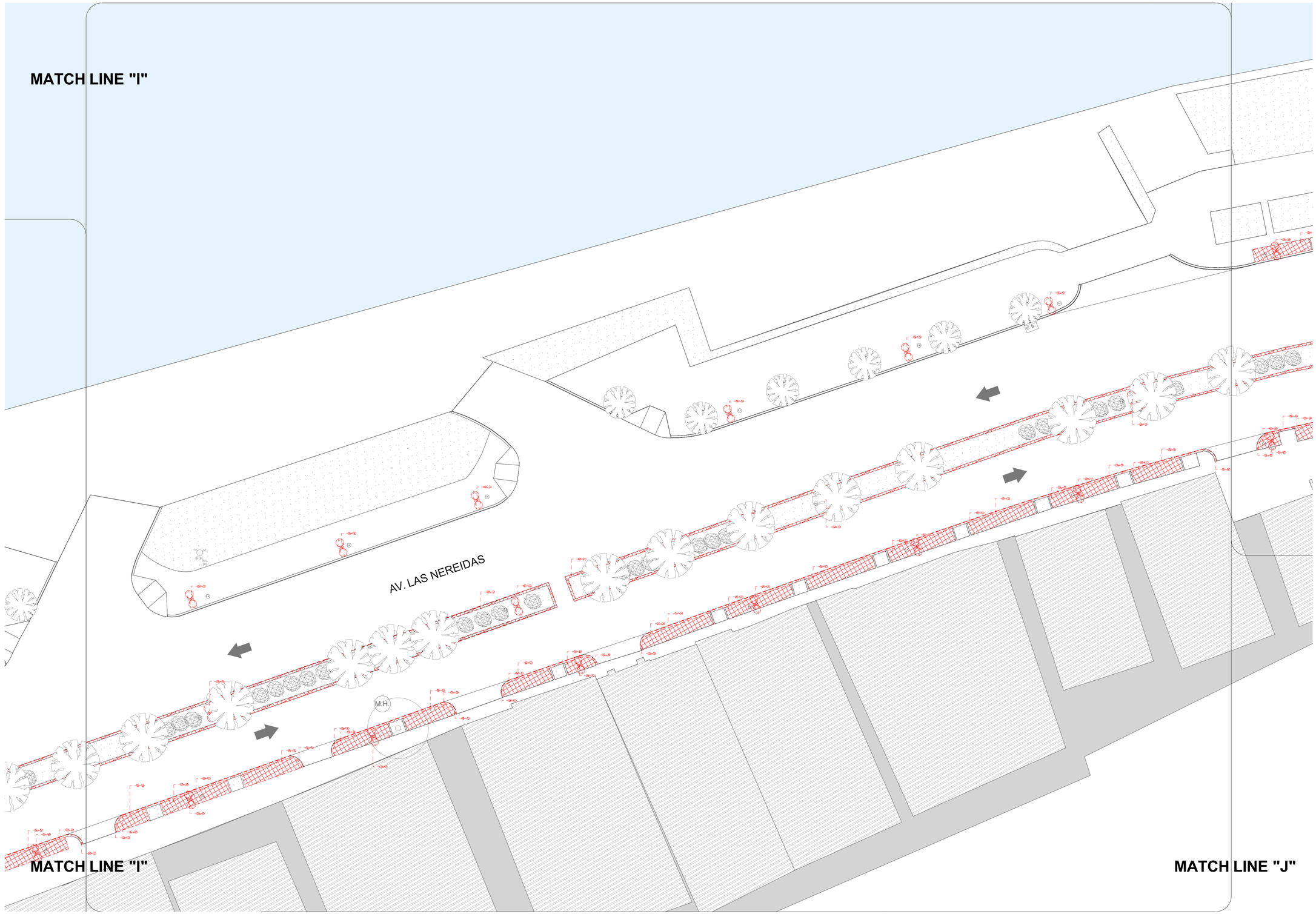
Revision:

Modified by:

Checked by:

Approved by

S:\projects\2022\22-03-Catano_Avenida Las Nereidas-Phase\dwg-archicad\Design Development Phase 60%\Catano_Avenida Las Nereidas-Phase 20220428 1010.pln



1 Demolition Partial Plan II

3/32" = 1'-0"

Revit	CHD	Change Name	Date

Certificacion:
Yo, **Eugenio M. Ramírez Baltanas, arquitecto licenciado, número de licencia 13756** certifico que soy el profesional que diseñó estos planos y especificaciones, que he estudiado el proyecto que se describe en los mismos y que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos, Leyes y Códigos de Construcción de Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación, Conservación y Protección de Propiedades Culturales de Puerto Rico, conocida como la "Ley Núm. 112 de 30 de julio de 2004, según enmendada, conocida como la "Ley Núm. 89 de 21 de mayo de 1936, según enmendada; Ley Núm. 66 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Reforma de la Declaración Jurada o Certificación de los hechos que se hayan producido por razón o por negligencia, ya sea por acción u omisión, por parte del responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cladestre: 720-033-008-48
ID #: #Project ID
Permit #: 2022-#####
2023-04-28 | 17:10

Client:
#Client1
#Client2 Autónomo de Catalo
#Client3 Highway
Catalo, #State State
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Demolition Partial Plan II

Drawing Scale: 3/32" = 1'-0"

Drawing Status:
DD - Design Development 60%

Layout ID:
A-1.9

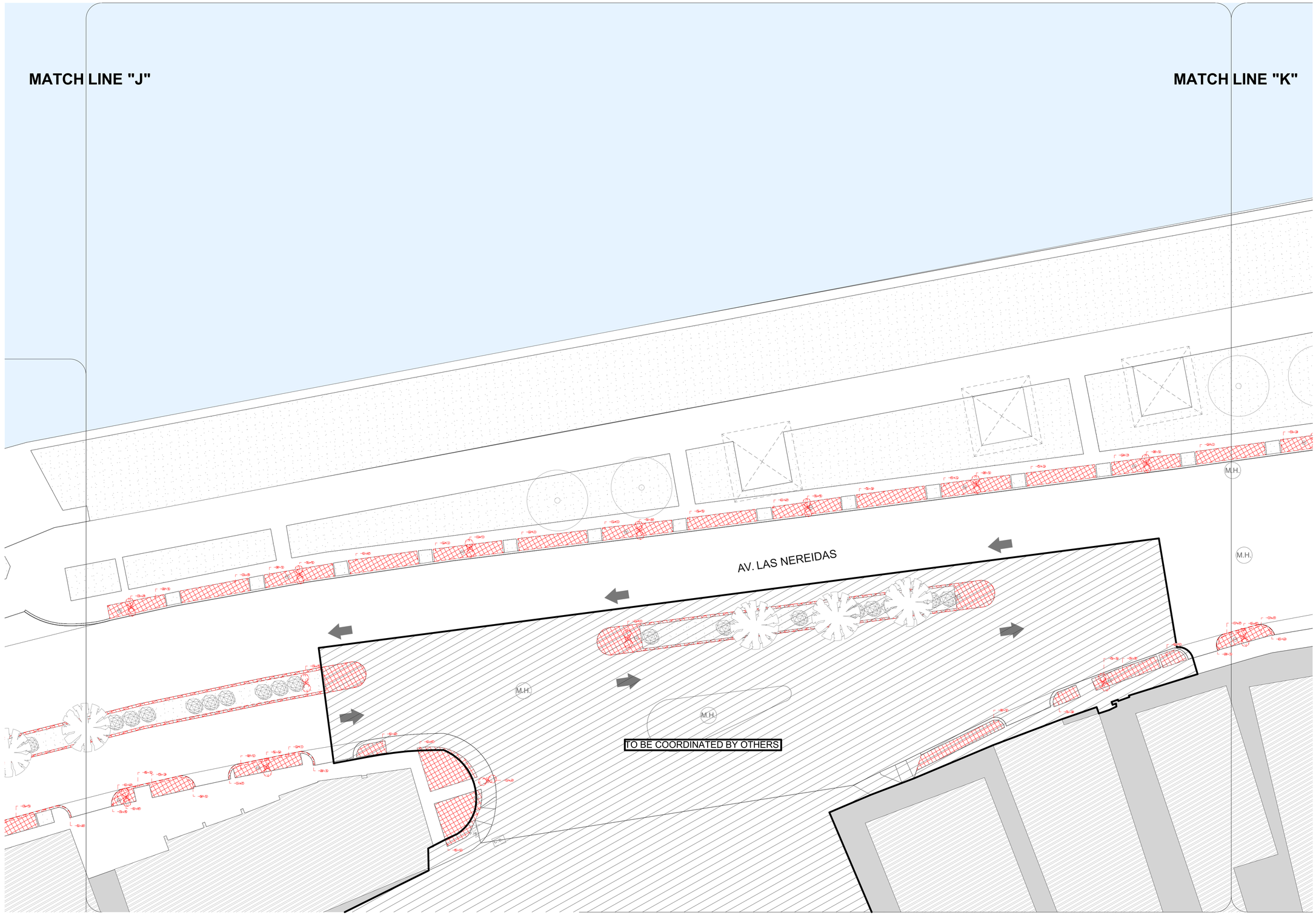
Revision:

Modified by:

Checked by:

Approved by

S:\projects\2022\22-03 Catalo_Avenida Las Nereidas Phase\dwg-archicad\Design Development Phase 60%\Catalo_Avenida Las Nereidas Phase 20230428 1535.pln



1 Demolition Partial Plan JJ

3/32" = 1'-0"

RevID	CHID	Change Name	Date

ERBA
Engineering & Architecture Group, P.S.C.
PMB 204
Suite 102
Caguas, PR 00725
www.erbapr.com
Caguas | San Juan | Ponce

Certification:

Yo, **Eugenio M. Ramírez Balbuena, arquitecto licenciado, número de licencia 13706**, certifico que soy el profesional que diseñó estos planos y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos vigentes en las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión de la Industria de la Construcción en Puerto Rico" y con la Ley Núm. 76 de 5 de mayo de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión de la Industria de la Construcción en Puerto Rico" y con la Ley Núm. 76 de 5 de mayo de 1938, según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión de la Industria de la Construcción en Puerto Rico" y con la declaración falsa o falsificación de los hechos que se haya producido por omisión, error o por negligencia, ya sea por mí, mi representante autorizado o por cualquier persona bajo mi supervisión, me hace responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:

CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

District:
Río Grande 1
Río Grande 2
Canóvanas

Project Info:
Catastro: 720-033-008-88
RFP: #Project_ID
Permit #: 2023-0000
2023-04-28 | 17:10

Drawing Name:

A-1 Architectural Floor Plans - Ave. Las Nereidas

Demolition Partial Plan JJ

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID:

A-1.10

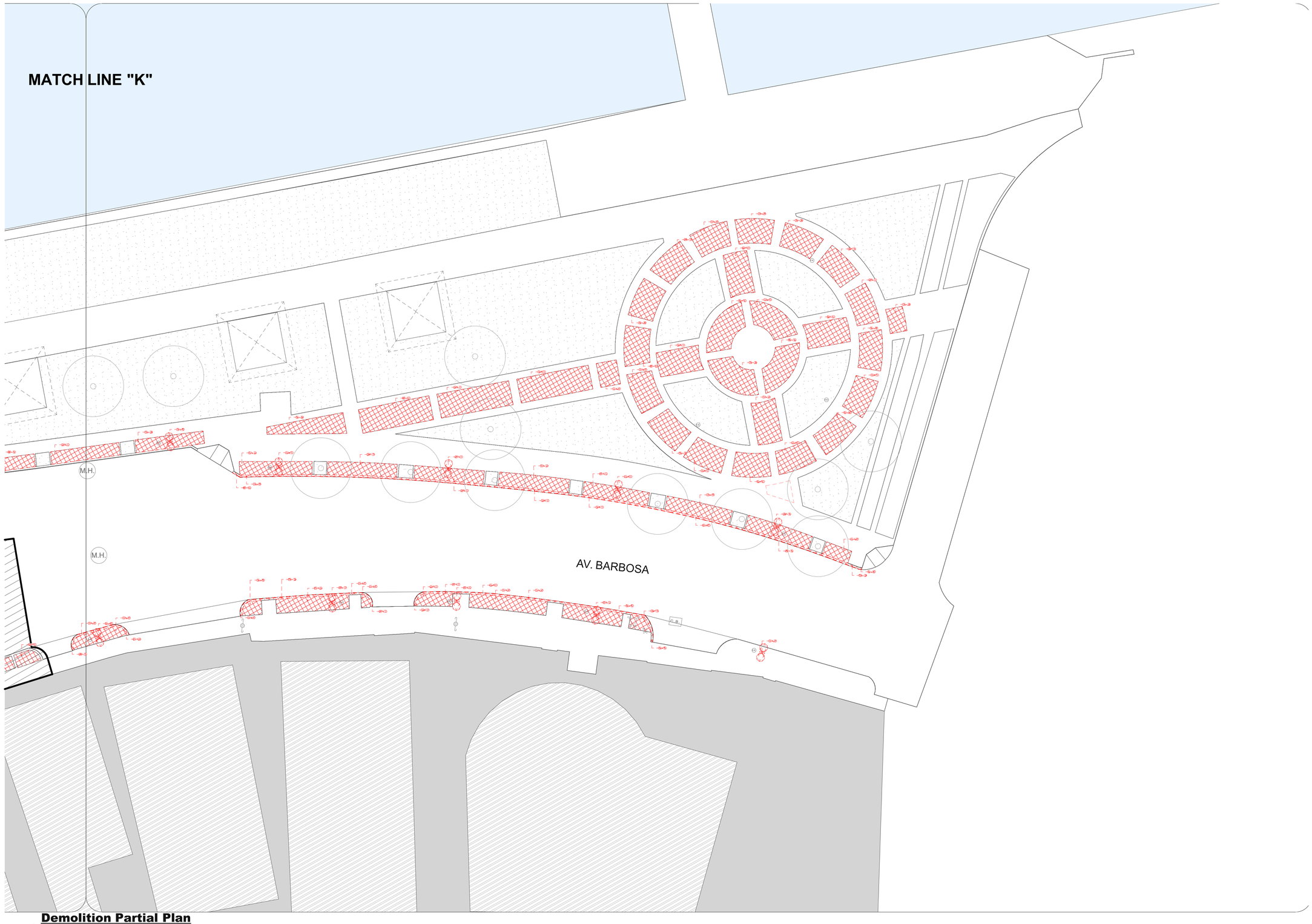
Revision:

Modified by:

Checked by:

Approved by

Autoridad de Asesoramiento Económico y Control
Autoridad de Carreteras y Transportación
Autoridad de Energía Eléctrica
Autoridad de Puertos
Autoridad de Transporte Marítimo
Autoridad de Transporte Metropolitano
Autoridad del Distrito del Centro de Convenciones
Autoridad del Distrito del Centro de Convenciones de Puerto Rico
Autoridad del Puerto de las Américas
Autoridad para el Financiamiento de la Infraestructura
Autoridad para el Financiamiento de la Vivienda
Autoridad para el Financiamiento Industrial
Autoridad para el Financiamiento Industrial de Puerto Rico
Autoridad para el Financiamiento Industrial de Puerto Rico
Autoridad para el Financiamiento Industrial de Puerto Rico



1 Demolition Partial Plan KK

3/32" = 1'-0"

E:\projects\2022\22-22-Catalo_Avenida Las Nereidas-Planeamiento-Arquitectura\Design Development Phase 90%\Catalo_Avenida Las Nereidas Plazas 20230428 1530.pln

Revit | CAD | Change Name | Date

Certificacion:
Yo, **Eugenio M. Ramirez Ballajaa, arquitecto licenciado, numero de licencia 13795** certifico que soy el profesional que diseño estos planos. Mi diseño incluye todos los elementos que afectan a la salud y seguridad publica que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión en la Reconstrucción de Puerto Rico de 2004, según enmendada, conocida como la "Ley para la Inversión en la Reconstrucción de Puerto Rico", y con la Ley Núm. 96 de 6 de julio de 1938, según enmendada. Ley Núm. 96 de 6 de julio de 1938, según enmendada. Ley Núm. 96 de 6 de julio de 1938, según enmendada, conocida como la "Ley para la Inversión en la Reconstrucción de los hechos que se haya producido declaración falsa o falsificación de los hechos que en ella se incluyen, incurrirá en delito grave y convicción por la misma será sancionada con pena de reclusión por un término fijo de cinco (5) años, o por cualquier otra pena mayor que establezca el Código Penal de Puerto Rico. Además, el firmante será responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cadastre: 720-033-008-88
ID #: #Project ID
Permit #: 2022-000000
Date: 2023-04-28 | 17:10

Client:
#Client Address1
#Client Address2
Catalo - #Site Name
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Demolition Partial Plan KK

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

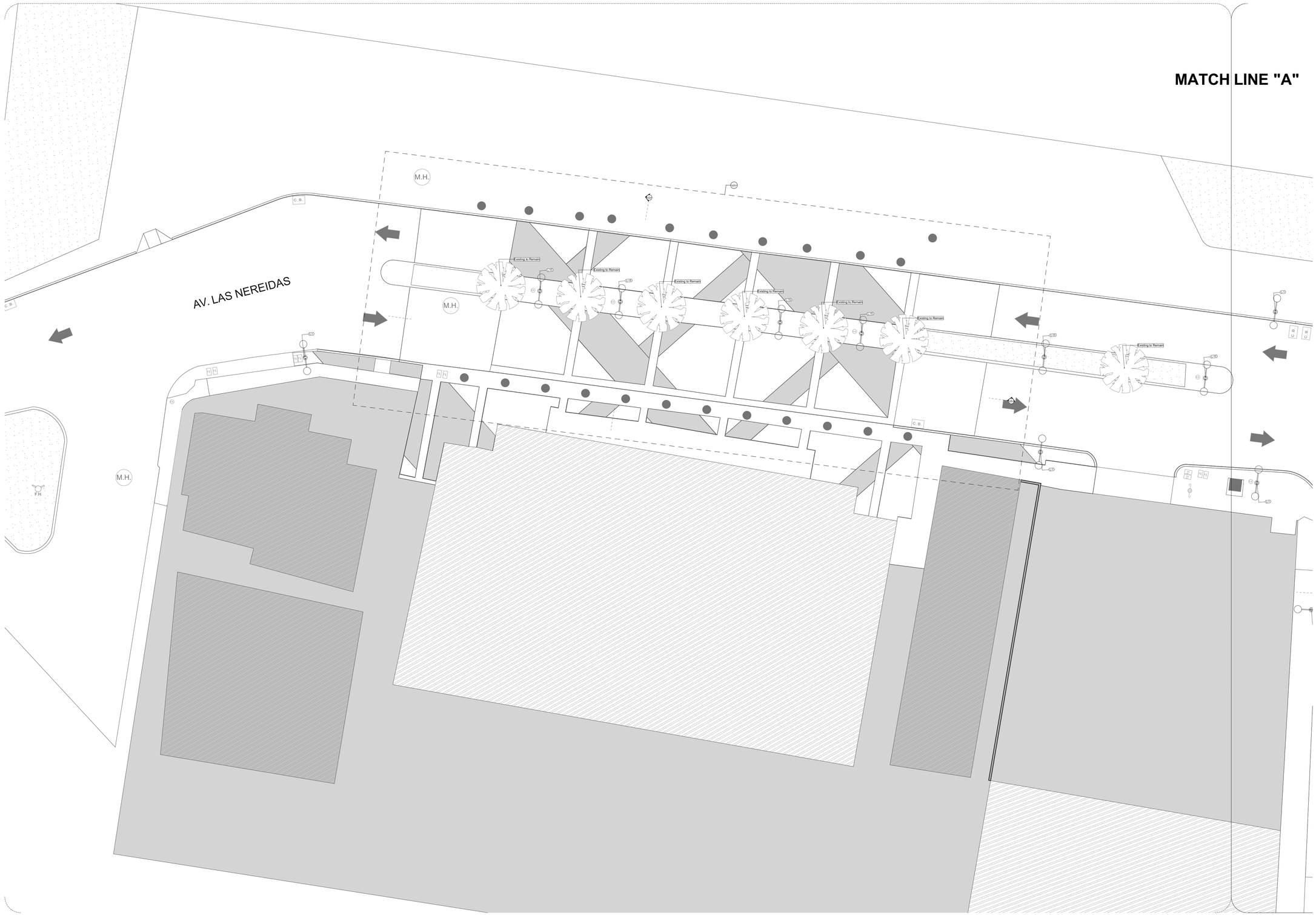
Layout ID: **A-1.11**

Revision:

Modified by:

Checked by:

Approved by



1 **Proposed Partial Plan AA**
3/32" = 1'-0"

Date:
Revit0 Child Change Name:

ERBA
ARQUITECTURA
Salvador Ed. Ernesto Erba
RUTA 2 Km 24.6
Barrio Pueblo Viejo
Dorado, PR 00646
(787) 626-2222

Certificación:
Yo, **Eugenio M. Ramírez Balbuena, arquitecto licenciado, número de licencia 13706** certifico que soy el profesional que diseño estos planos y especificaciones, que he supervisado su preparación y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos vigentes en el Gobierno de las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Investigación, Procesamiento y Adjudicación de Querellas Contra Arquitectos y Arquitectos Paisajistas de 2004, según enmendada, conocida como la "Ley para la Investigación de Querellas Contra Arquitectos y Arquitectos Paisajistas" de 17 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada, conocida como la "Ley de Colegiación Forzosa"; y la Ley Núm. 173 de 12 de agosto de 1988, según enmendada, conocida como la "Ley de Sociedades Especiales". Además, certifico que no he participado en la declaración falsa o falsificación de los hechos que se haya producido en relación con estos planos y especificaciones, ni he sido convicto por malicia, ni por negligencia ni por acción, ni he sido sancionado por ninguna corte por ningún acto relacionado con mi responsabilidad de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Client:
#Client Name1
#Client Name2 Municipio Autonomo de Catano
#Client Name3 Catano, #Edit State
Project Info:
Catastro: 720-033-008-88
ID #: #Project ID
Permit #: 2022-000000
2023-04-28 | 17:10
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Proposed Partial Plan AA

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID:
A-2.1

Revision:

Modified by:

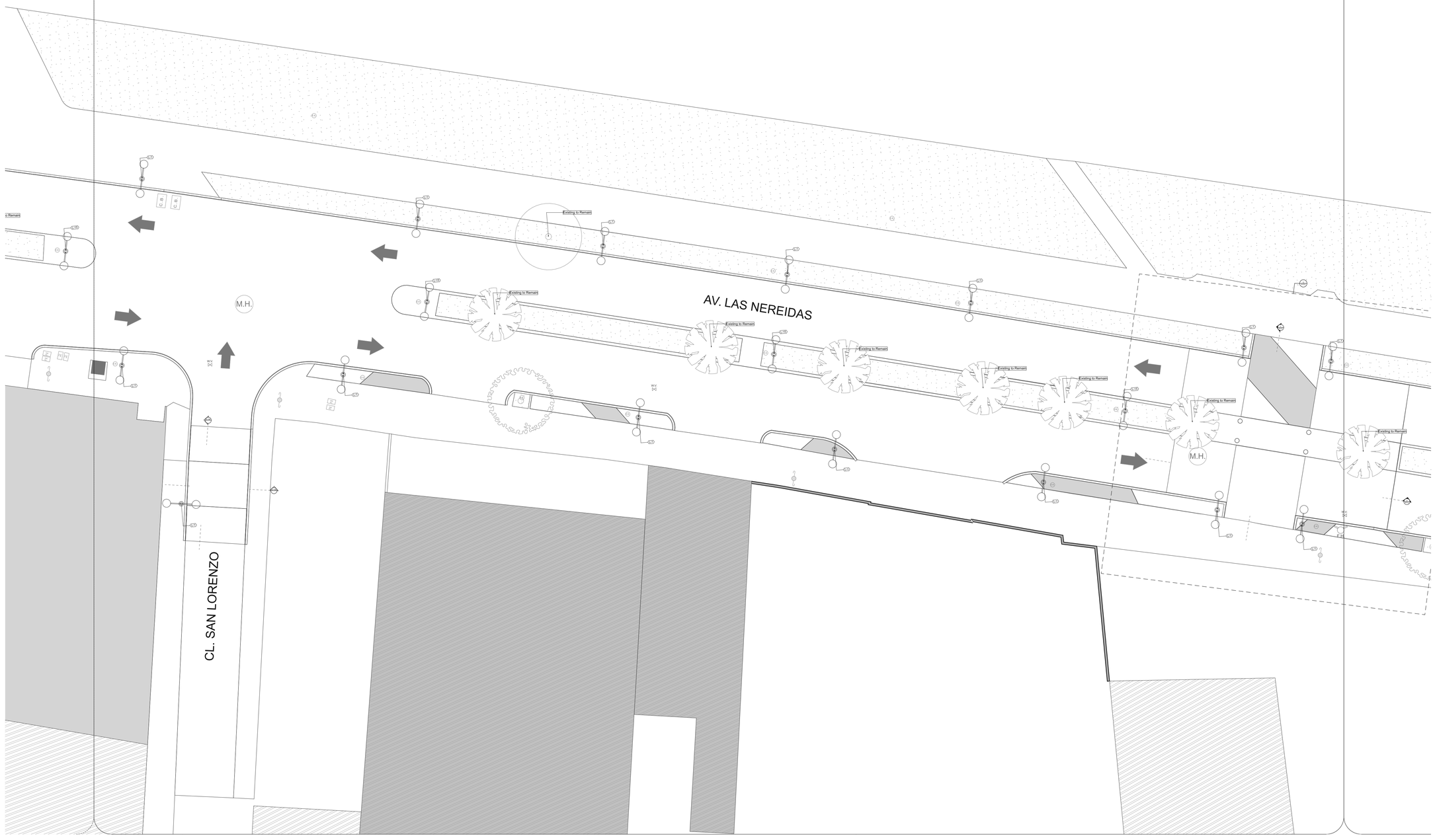
Checked by:

Approved by

S:\projects\000322 DJ Catano_Avenida Las Nereidas Placentera en Ave\cad\Design Development Phase 60%\Catano_Avenida Las Nereidas Phase 20230428 1035.pln

MATCH LINE "A"

MATCH LINE "B"



1 Proposed Partial Plan BB

3/32" = 1'-0"

S:\projects\2022\22-22-Catano_Avenida Las Nereidas-Phase\dwg-archicad\Design Development Phase 60%\Catano_Avenida Las Nereidas-Phase 20230428 1030.pln

Date:

Revi0 | Ch0d | Change Name

Certification:

Yo, **Eugenio M. Ramírez Bellisario, arquitecto licenciado, número de licencia 13756** certifico que soy el profesional que diseñó estos planos y especificaciones, que los mismos cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Innovación, la Calidad y el Desarrollo Económico de la Arquitectura y la Ingeniería de 2004, según enmendada, conocida como la "Ley para la Innovación en la Arquitectura y la Ingeniería" (Ley Núm. 96 de 6 de julio de 2004, según enmendada, 20 LPRA § 731 et seq.) y que no he incurrido en declaración falsa o falsificación de los hechos que en ella se requieren por dicha ley. Reconozco que mi firma en este documento significa que asumo la responsabilidad profesional que me corresponde por mi trabajo y que estoy sujeto a sanciones disciplinarias por violaciones a la ley 96 antes mencionada y a cualquier otra ley aplicable. Reconozco, además, que mi firma en este documento significa que asumo la responsabilidad de cualquier acción judicial y disciplinaria por la CIAPR.

Project:

CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cadastre: 720-033-008-85
SI P- PM Project ID
Phase: #22-22-Catano_Avenida Las Nereidas-Phase
Project #: 22-22

Clients:
#Client City 1
#Client City 2 Municipio Autónomo de Cataño
#Client City 3
Cataño, #Estado Estado
#Client City 4

2023-04-28 | 17:10

#Client City | PR

Drawing Name:

A-1 Architectural Floor Plans - Ave. Las Nereidas

Proposed Partial Plan BB

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Modified by:

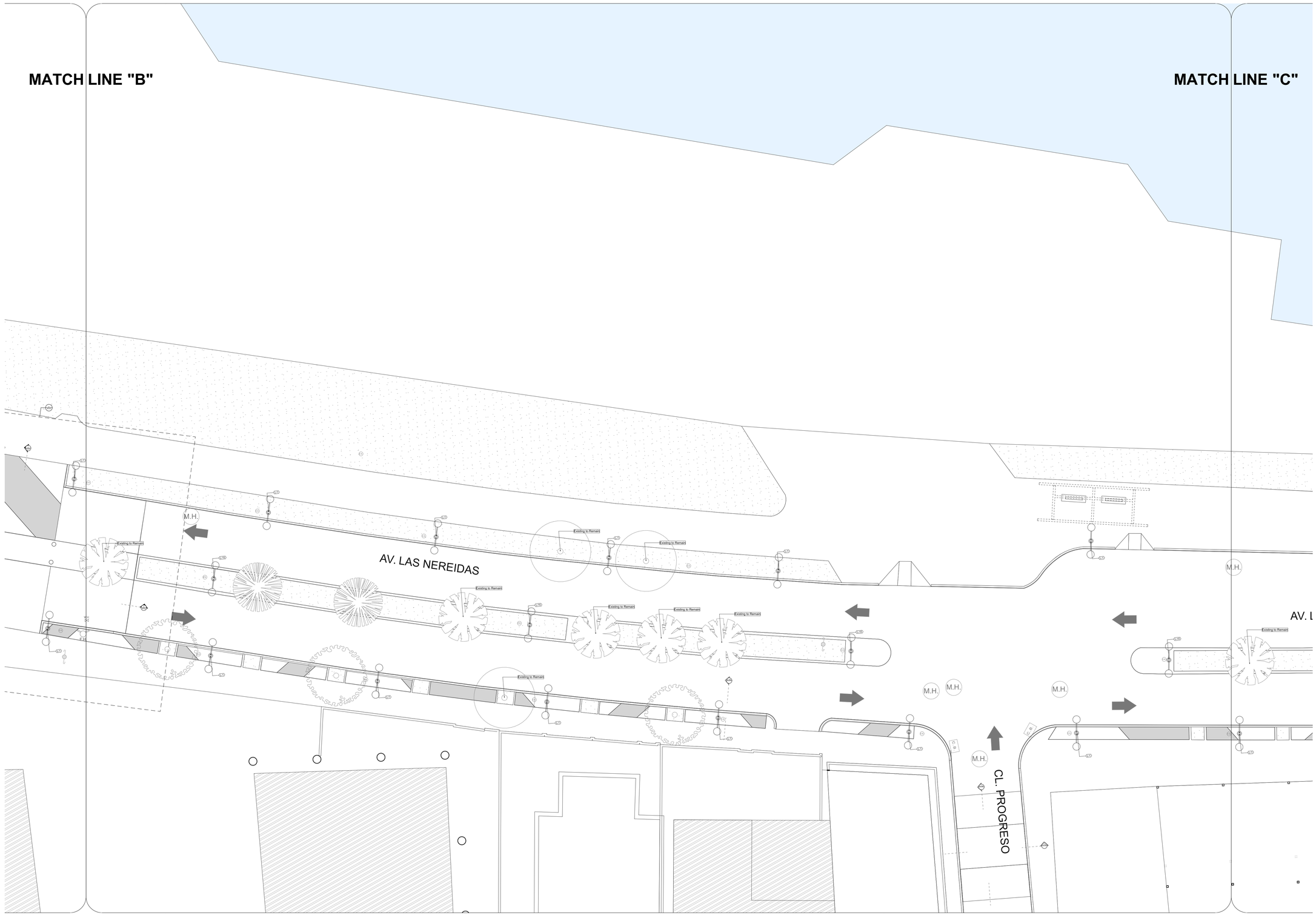
Checked by:

Approved by

Layout ID:

A-2.2

Revision:



1 Proposed Partial Plan CC

3/32" = 1'-0"

No.	Date	Revision	Chkd	Change Name

ERBA
ARCHITECTURE
PLANNING
DESIGN P.S.C.
Jardines de Coral Plaza
SUITE 204
CAGUAS, PR 00725
787.653.1100
www.erba.pr

Certification:
Yo, Eugenio M. Ramírez Balbuena, arquitecto licenciado, número de licencia 13706 certifico que soy el profesional que diseño estos planos y especificaciones, que la información provista en los mismos es correcta y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos vigentes en la Administración de Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Invención de la Industria de la Arquitectura de 1937, según enmendada, conocida como la "Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención de la Industria de la Arquitectura de 1937, según enmendada; y Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención de la Industria de la Arquitectura de Puerto Rico" y que no he incurrido en declaración falsa o falsificación de los hechos que se haya producido en relación con la preparación de estos planos, ni he ocultado información por mala fe, por lo que no me hace responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Catastro: 720-033-008-88
Zoning: Autoridad de Carreteras y Transportación
Permit #: 2022-000000
Permit Date: 2022
2023-04-28 | 17:10

District:
Río Abajo Catastro1
Río Abajo Catastro2 Autónomo de Catalo
Río Abajo Catastro3
Catano, Río Abajo
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Proposed Partial Plan CC

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID: **A-2.3**

Revision:

Modified by:

Checked by:

Approved by

S:\projects\000122-33-Catalo_Avenida Las Nereidas-Placa\dwg-archicad\Design Development Phase 60%\Catalo_Avenida Las Nereidas-Placa 20230428 1035.pln

MATCH LINE "C"

MATCH LINE "D"



1 Proposed Partial Plan DD

3/32" = 1'-0"

Date:

Rev/ID | CHD | Change Name

ERBA
Estudio de Diseño Urbano y Arquitectura
PO BOX 2284
SAN JUAN, PR 00922-2284
www.erba.com
Eduardo De Castro Baez

Certificacion:
Yo, **Eugenio M. Ramirez Bellasa, arquitecto licenciado, numero de Registro 13726** certifico que soy el profesional que diseño estos planos y preparo las especificaciones para este proyecto y que bajo mi entender dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción y Urbanismo de la Junta de Planificación, Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con las disposiciones de la Ley Num. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Inversión de la Construcción en Puerto Rico" y la Ley Num. 84 de 2 de mayo de 1936, según enmendada. Ley Num. 96 de 6 de julio de 2004, según enmendada, establece que el diseñador debe hacer una declaración bajo juramento de los hechos que se haya producido por acto, omisión, mala fe, negligencia ya sea por mi, mis empleados o por cualquier persona bajo mi supervisión, durante el proceso de preparación de los planos y especificaciones que sea responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Client:
#Site Address1
#Site Address2
Catano - #Site State

Project Info:
Cadastre: 720-033-008-88
ID #Project ID
Permit: #Permit ID
2023-04-26 | 17:10

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Proposed Partial Plan DD

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID:
A-2.4

Revision:

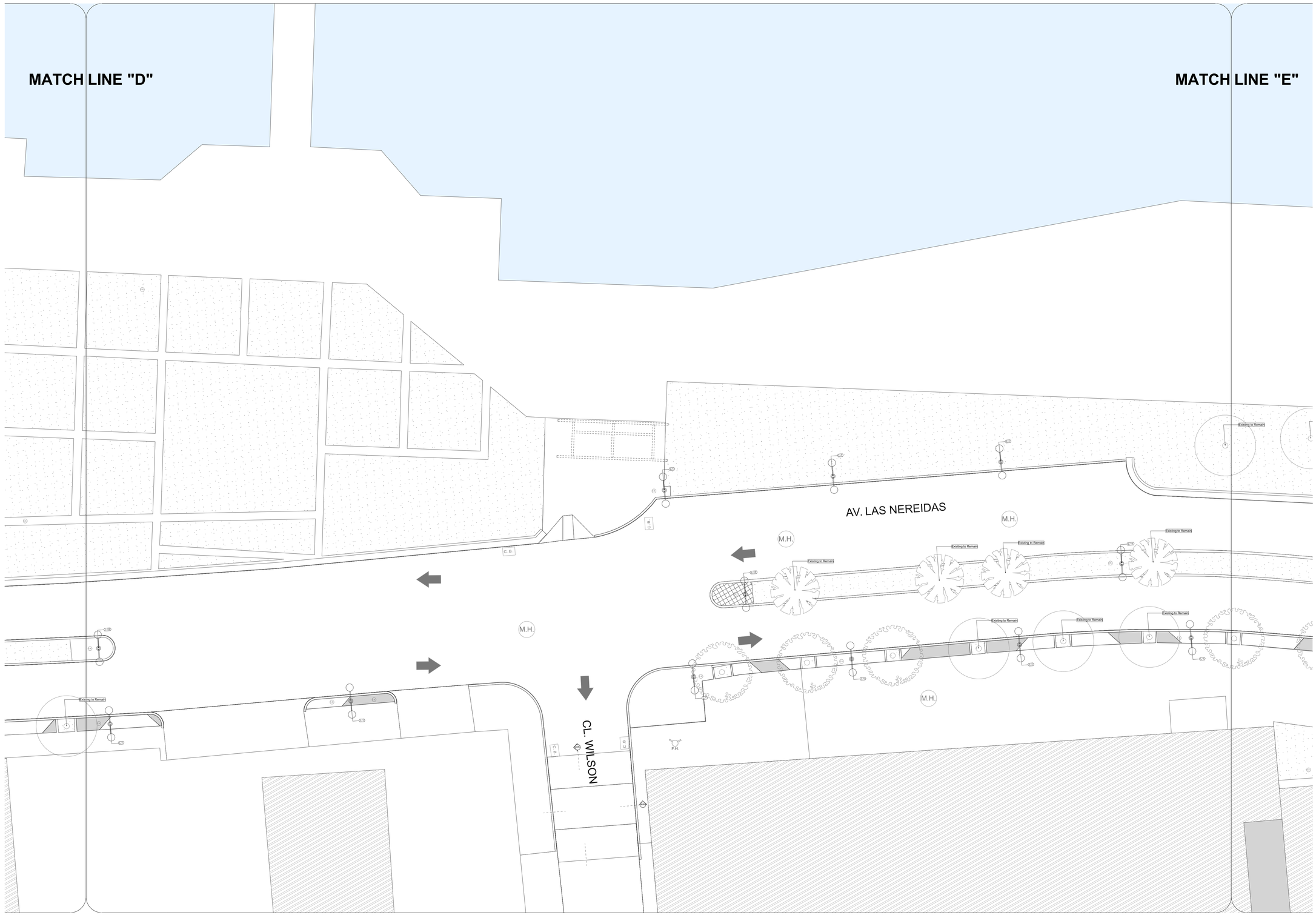
Modified by:

Checked by:

Approved by

#Client City | PR

S:\projects\002322-33-Catano_Avenida Las Nereidas-Placentera-entrance\Design Development Phase 60%\Catano_Avenida Las Nereidas-Phase 2023Abril 1535.pln



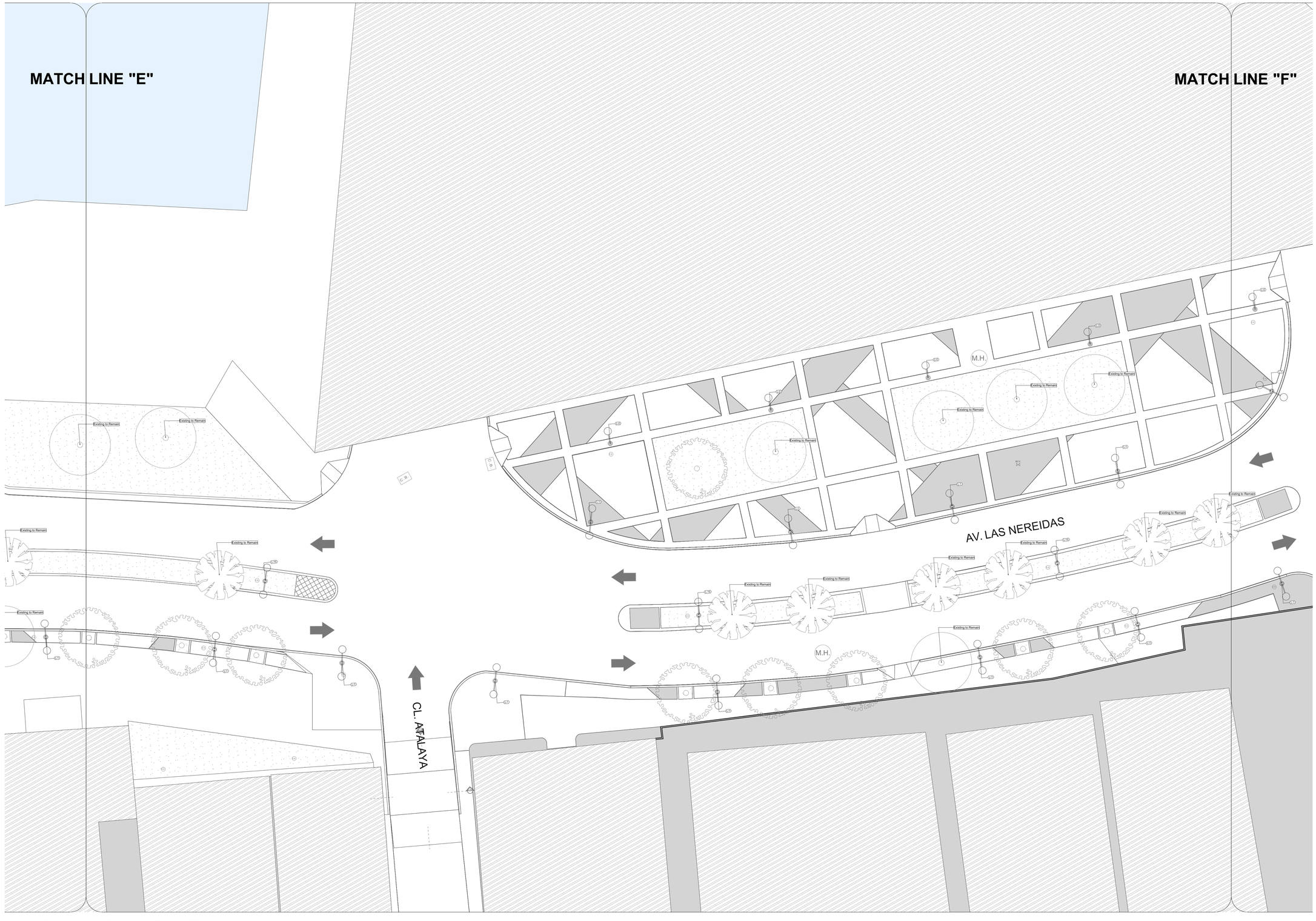
1 Proposed Partial Plan EE

3/32" = 1'-0"

S:\projects\2022\22-22-Catalo_Avenida Las Nereidas-Planeamiento-arch\cad\Design Development Phase 90%\Catalo_Avenida Las Nereidas Phase 2023MAR 1530.pln

No.	Date	Revision	Check	Change Name

Certificacion:
Yo, **Eugenio M. Ramirez Baltasar, arquitecto licenciado, numero de licencia 13795** certifico que soy el profesional que diseño estos planos y memoriales descriptivos, que son los documentos de construcción que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción vigentes en la jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Protección de la Propiedad Vehicular y Estructuras Contra Actos de Vandalismo, conocida como la "Ley para la Prevención de Vandalismo" según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la prevención de



1 Proposed Partial Plan FF

3/32" = 1'-0"

No.	Date	Revision / Change Name	Chkd

ERBA
ARQUITECTURA
DISEÑO
RAMIREZ BALLESTAS
RAFAEL ERNESTO
LICENCIADO
ARQUITECTO
LIC. 12736

Certificacion:

Yo, Ernesto M. Ramirez Ballestas, arquitecto licenciado, numero de licencia 12736 certifico que soy el profesional que diseño estos planos y especificaciones, y que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Invención de la Arquitectura y la Ingeniería, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención de la Arquitectura y la Ingeniería de Puerto Rico" y la Ley Núm. 173 de 12 de mayo de 1936, según enmendada; Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Invención de la Arquitectura y la Ingeniería de Puerto Rico" y la Ley Núm. 173 de 12 de mayo de 1936, según enmendada; que se ha hecho constar en la declaración jurada o falsificación de los hechos que se haya producido por mi persona o por cualquier persona bajo mi supervisión en ese proceso, no he negado ni ocultado información alguna y soy responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:

CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cidetrex: 720-033-008-48
ID #: #Project ID
Permit #: 2022-#####
Date: 2023-04-28 | 17:10

Clients:
#Client Name1
#Client Name2
Cabo Rojo Autónomo de Catalo
#Client City / PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Proposed Partial Plan FF

Drawing Scale: **3/32" = 1'-0"**

Drawing Status:
DD - Design Development 60%

Layout ID:
A-2.6

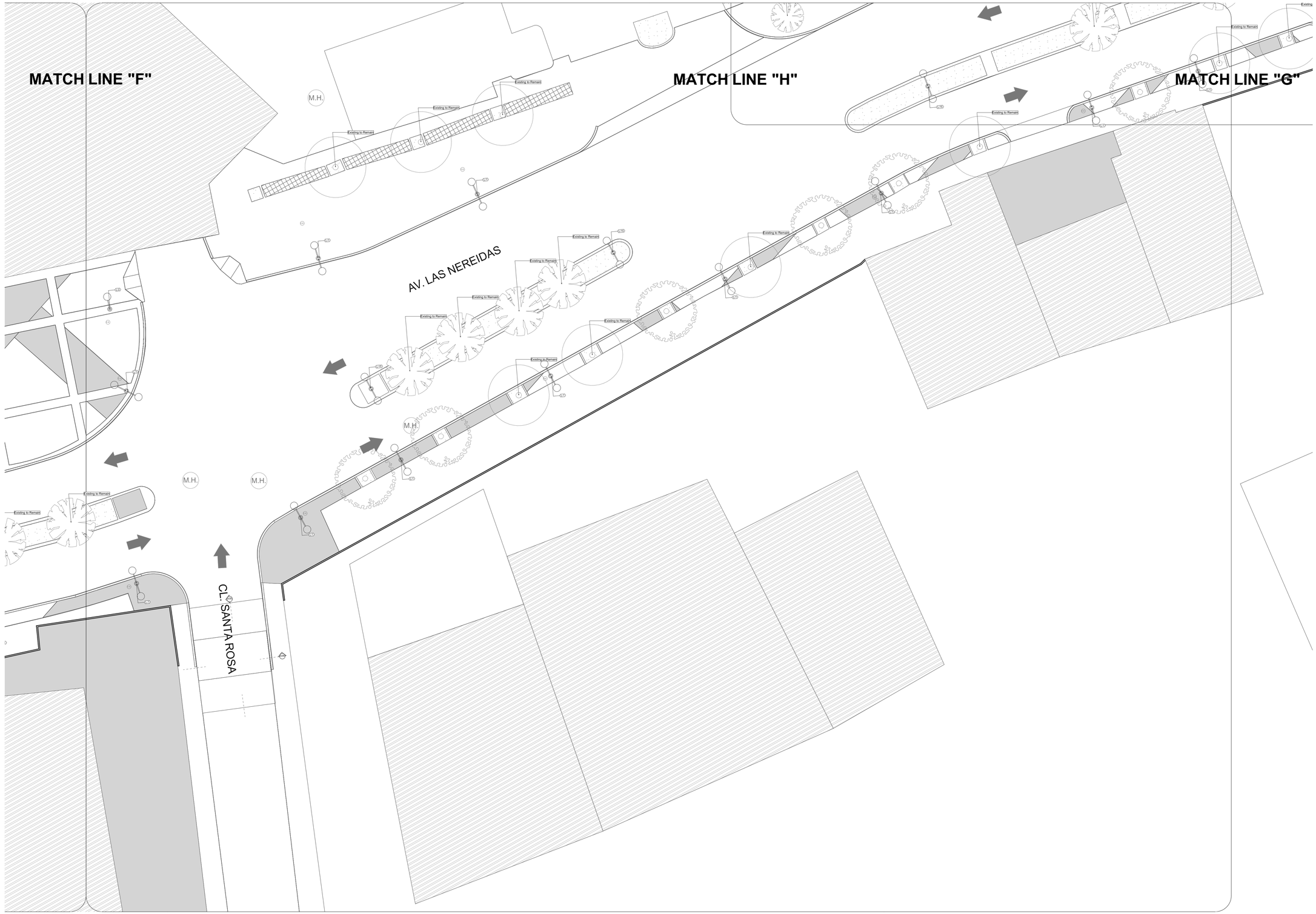
Revision:

Modified by:

Checked by:

Approved by

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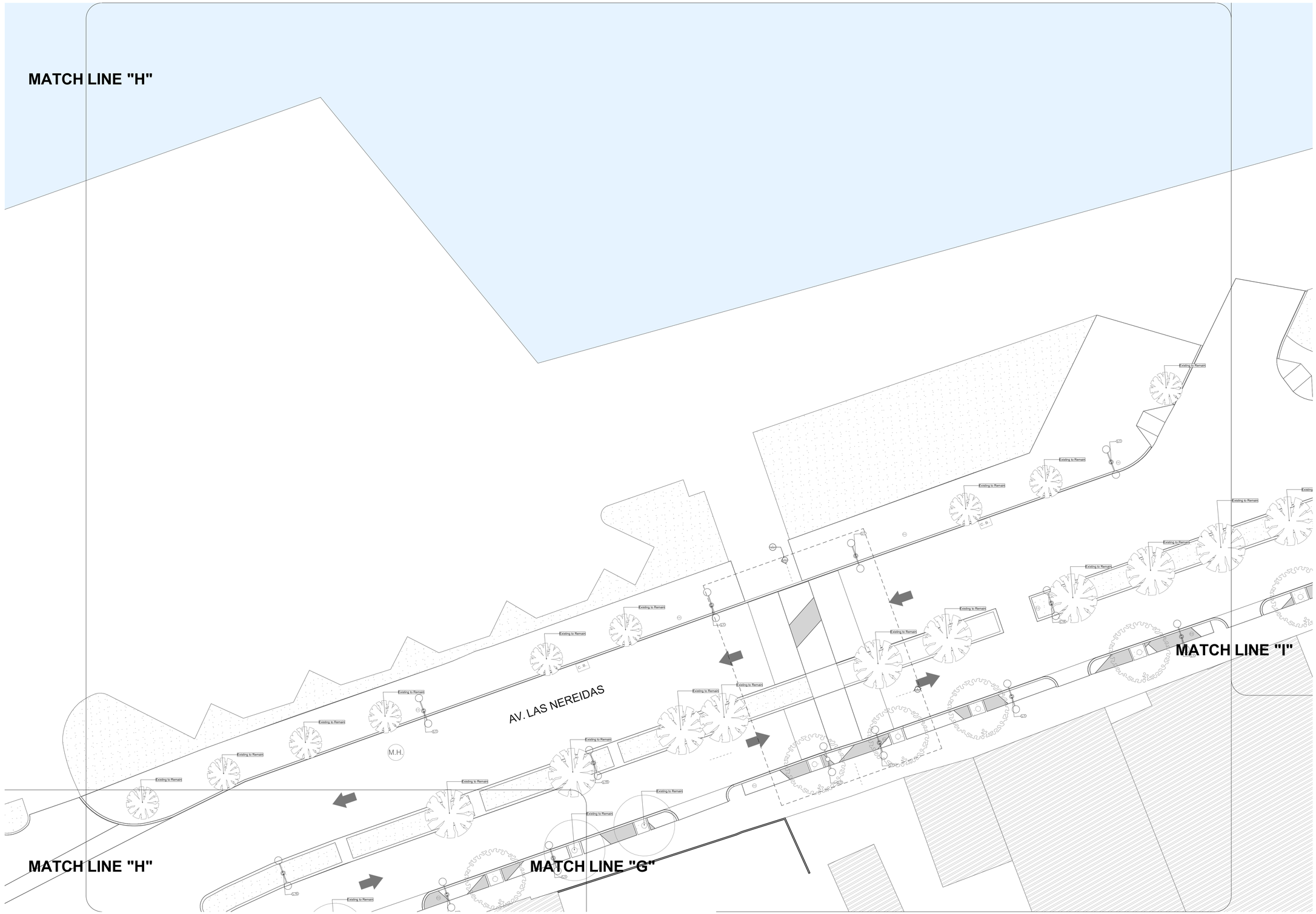
1 Proposed Partial Plan GG

3/32" = 1'-0"

Date:
Revit0 Ch3d Change Name:

ERBA
ARQUITECTURA
DISEÑO
ARQUITECTURA
DISEÑO
RIETE 20A
00918 BAYAMÓN
www.erba.pr
787.269.2100
Diseñado En Color Y Papel

Certificacion:
Yo, Eugenio M. Ramirez Bellisara, arquitecto (licenciado, numero de Registro 13705) certifico que soy el profesional que diseño estos planos y especificaciones. Declaro que el diseño ofrece la protección de salud y seguridad que entiende que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones, se ha cumplido con la "Ley para la Investigación, Procesamiento y Penalización de Fraudes y Apropiaciones" según enmendada, conocida como la "Ley para la Investigación, Procesamiento y Penalización de Fraudes y Apropiaciones" según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Investigación, Procesamiento y Penalización de Fraudes y Apropiaciones" según enmendada, Ley Núm. 96 de 6 de julio de 2004, según enmendada, y la Ley Núm. 164 de 17 de diciembre de 2009, según enmendada, y la Ley Núm. 8 de 4 de enero de 2017, según enmendada, y la Ley Núm. 2 de 4 de enero de 2018



1 Proposed Partial Plan HH
3/32" = 1'-0"

S:\projects\2022\22-03-Catano_Avenida Las Nereidas-Phase\dwg-archicad\Design Development Phase 60%\Catano_Avenida Las Nereidas-Phase 20230428 1030.pln

Revit	Child	Change Name	Date

Certificacion:
Yo, **Eugenio M. Ramirez Bellisario, arquitecto licenciado, numero de licencia 13706** certifico que soy el profesional que diseño estos planos y especificaciones, que soy responsable de que los mismos cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Innovación, la Calidad y el Cumplimiento en la Reglamentación de 2004, según enmendada, conocida como la "Ley para la Innovación, la Calidad y el Cumplimiento en la Reglamentación de 2004" y la Ley Num. 96 de 6 de julio de 1938, según enmendada, Ley Num. 96 de 6 de julio de 1938, según enmendada, conocida como "Ley de Ejercicio de la Profesión de Arquitectura", y que no he incurrido en declaración falsa o clasificación de los hechos que an hoya producido por dolo, culpa o negligencia ya sea por mi, mi agente o empleado, con respecto a mi trabajo profesional. Por la presente libero responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cadastre: 720-033-008-88
D.P. / PPV Project ID
Project Address:
Phase: 22-12

#Site_Address1
#Site_Address2 Autonomo da Catano
Catano, #Site State
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Proposed Partial Plan HH

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID: **A-2.8**

Revision:

Modified by:

Checked by:

Approved by



1 Proposed Partial Plan II

3/32" = 1'-0"

Date:

Revit Ch'd Change Name

Certificacion:
Yo, Eugenio M. Ramirez Bellasa, arquitecto licenciado, numero de titulo 19756 certifico que soy el profesional que diseño estos planos y especificaciones, que he supervisado su preparación y que estos cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción Estatales y Federales vigentes en la jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido como la "Ley para la Prevención de Accidentes en la Construcción de 2004, según enmendada, conocida como la "Ley para la Prevención de Accidentes en la Construcción de 2004, según enmendada, conocida como la "Ley para la investigación, procesamiento y adjudicación de reclamaciones de mejoras y reparaciones de la propiedad inmueble", Ley Núm. 96 de 6 de julio de 1988, según enmendada, y la Ley para la Reforma del Proceso de Permisos de Puerto Rico, Ley Núm. 76 de 5 de agosto de 2019, según enmendada. Por último, certifico que los hechos que se hayan producido por acción u omisión, me hacen responsable de cualquier acción judicial y disciplinaria por la CIGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Client:
#Municipio1
#Municipio Autónomo de Catano
Catano - Bello State
#Client City | PR

Project Info:
Codename: 720-033-008-88
ID # Project: 2022
Permit #: 2022
2023-04-28 | 17:10

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Proposed Partial Plan II

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Modified by:

Checked by:

Approved by

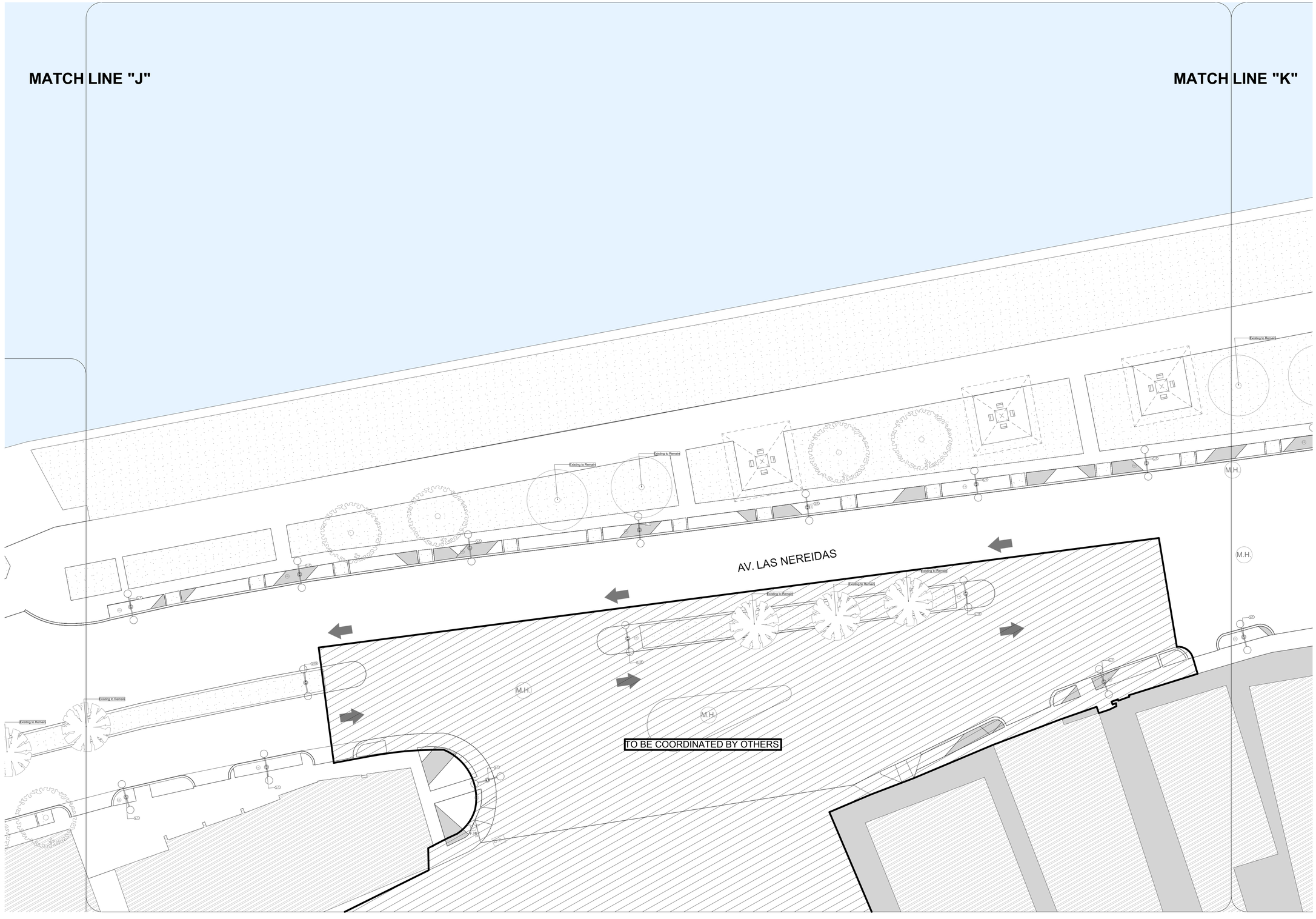
Layout ID:
A-2.9

Revision:

S:\projects\2022\22-33-Catano_Avenida Las Nereidas-Placentera\Architectural\Design Development Phase 60%\Catano_Avenida Las Nereidas-Phase 2023Abril 1535.pln

MATCH LINE "J"

MATCH LINE "K"



1 Proposed Partial Plan JJ

3/32" = 1'-0"

E:\projects\2022\22-23 Calella_Avenida Las Nereidas Placement\cg-archicad\Design Development Phase 06\1a\Calella_Avenida Las Nereidas Phase 06DD#25 1030.pln

Rev/ID	CHD	Change Name	Date

ERBA
ARQUITECTURA
DISEÑO
ERBA 2004
Passatge Ca l'Oliaire, 7 bis
08329 Teià
www.erba2004.com

Certificacion:
Yo, Eugenio M. Ramirez Bellisans, arquitecto, titular/colegiado, numero de Registro 13705 certifico que soy el profesional que diseño estos planos y el proyecto arquitectonico al que pertenecen. Declaro bajo mi responsabilidad profesional que dicho diseño y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de construccion vigentes en la jurisdiccion donde se construira el proyecto. Asimismo, declaro que dicho diseño y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construccion y Edificacion vigentes en la jurisdiccion donde se construira el proyecto. Asimismo, declaro que dicho diseño y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones, el he cumplido con la Ley para la Innovación, Modernización y Mejoramiento de la Reglamentación de Edificaciones se ha cumplido con la Ley Num. 161 de 23 de diciembre de 2004, segun enmendada, conocida como la "Ley para la Innovación, Modernización y Mejoramiento de la Reglamentación de Edificaciones" y la Ley Num. 96 de 6 de julio de 2004, segun enmendada, conocida como la "Ley para la Innovación en el Sector de la Construcción". Certifico, además, que en la preparación de estos planos y especificaciones, el he cumplido con la Ley Num. 76 de 5 de mayo de 1938, segun enmendada, "Ley Num. 96 de 6 de julio de 2004, segun enmendada, conocida como la "Ley para la Innovación en el Sector de la Construcción". Certifico, además, que en la preparación de estos planos y especificaciones, el he cumplido con la Ley Num. 76 de 5 de mayo de 1938, segun enmendada, "Ley Num. 96 de 6 de julio de 2004, segun enmendada, conocida como la "Ley para la Innovación en el Sector de la Construcción". Certifico, además, que en la preparación de estos planos y especificaciones, el he cumplido con la Ley Num. 76 de 5 de mayo de 1938, segun enmendada, "Ley Num. 96 de 6 de julio de declaración falsa o falsificación de los hechos que se haya producido por dolo, culpa o negligencia, ya sea por mi mismo, mi agente, empleado o por cualquier persona natural o jurídica que sea responsable de cualquier acción judicial y disciplinaria por la CAPR.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Client:
#Client Address1
#Client Address2 Autónomo de Cataño
Cataño, #State State

Project Info:
Cadastre: 720-033-008-88
P.F. #Project ID
Project Type: #Project Type
2023-04-28 | 17:10
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Proposed Partial Plan JJ

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID:
A-2.10

Revision:

Modified by:

Checked by:

Approved by



1 Proposed Partial Plan KK

3/32" = 1'-0"

Certificacion:
Yo, **Eugenio M. Ramirez Ballajara, arquitecto, licenciado, numero de Registro 10736** certifico que soy el profesional que diseño estos planos y especificaciones y que estos cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Corporaciones Publicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Inversión en la Reconstrucción de Puerto Rico, según enmendada, conocida como la "Ley Para la Reconstrucción de Puerto Rico" de 2004, según enmendada, y la Ley Núm. 76 de 5 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 2001, según enmendada, conocida como la "Ley de Arrendamientos y Desahucios de Propiedad Residencial" y la Ley Núm. 212 de 29 de agosto de 2019, según enmendada, conocida como la "Ley de Cumplimiento con el Código de Construcción y Mejoras de Vivienda de Puerto Rico". Esta certificación basa a clasificación de los hechos que en hora producido y la aplicación de la normativa vigente a los mismos. Por lo tanto, no incluye opinión, consejo o interpretación legal alguna. Esta certificación no constituye una garantía o promesa de ningún tipo, sea expresa o implícita, con respecto a los servicios prestados o a los resultados obtenidos y no releva de responsabilidad a nadie que no sea el cliente para el cual fue preparada y solamente hasta la fecha de su expedición. No puede ser utilizada por ninguna persona o entidad que no sea el cliente para el cual fue preparada sin el consentimiento escrito del profesional que suscribe, quien no asume responsabilidad alguna por el uso indebido de la misma. El cliente reconoce que la información provista puede ser limitada y/o incompleta, por lo que el cliente es responsable de cualquier acción judicial y disciplinaria por la CIPR.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Client:
#Sin Asignar#

Project Info:
Cadastre: 720-033-008-88
ID #Project ID: 222
Permit #: 2023-54-28

Catano Autonomo de Catano
#Sin Asignar#
Catano - Bello State
#Sin Asignar#
#Client City | PR

Drawing Name:
A-1 Architectural Floor Plans - Ave. Las Nereidas
Proposed Partial Plan KK

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID:
A-2.11

Revision:

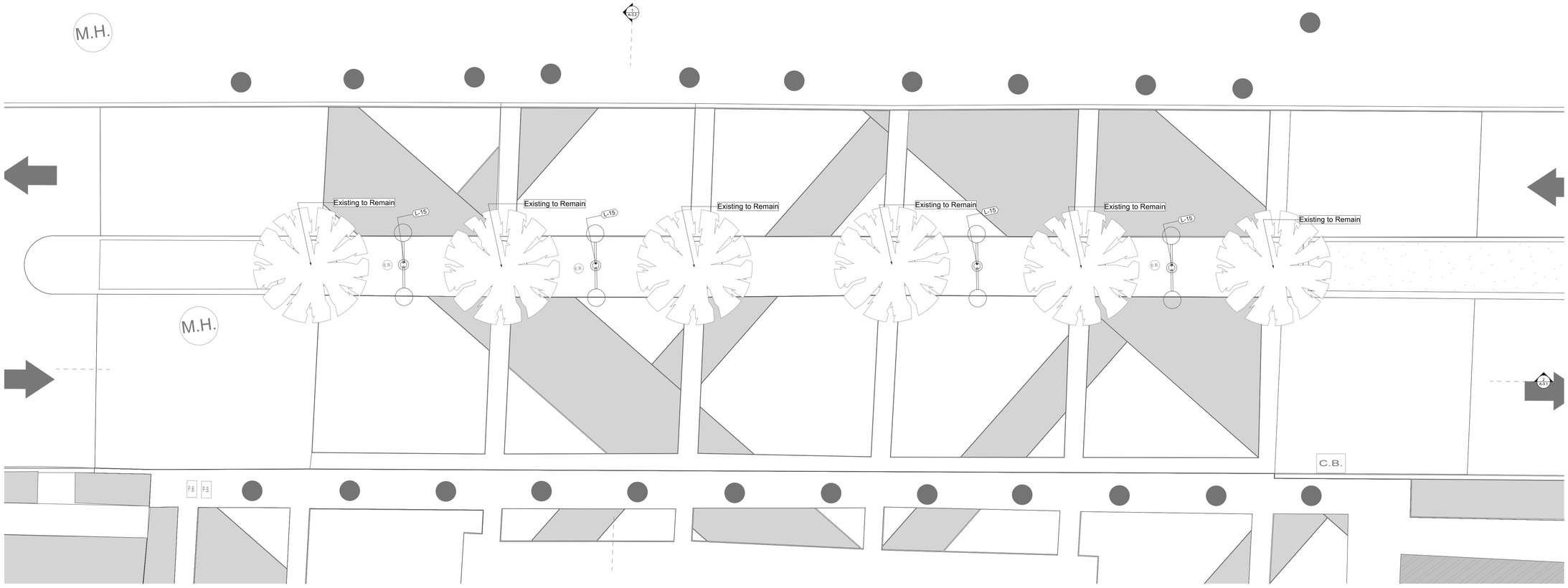
Modified by:

Checked by:

Approved by

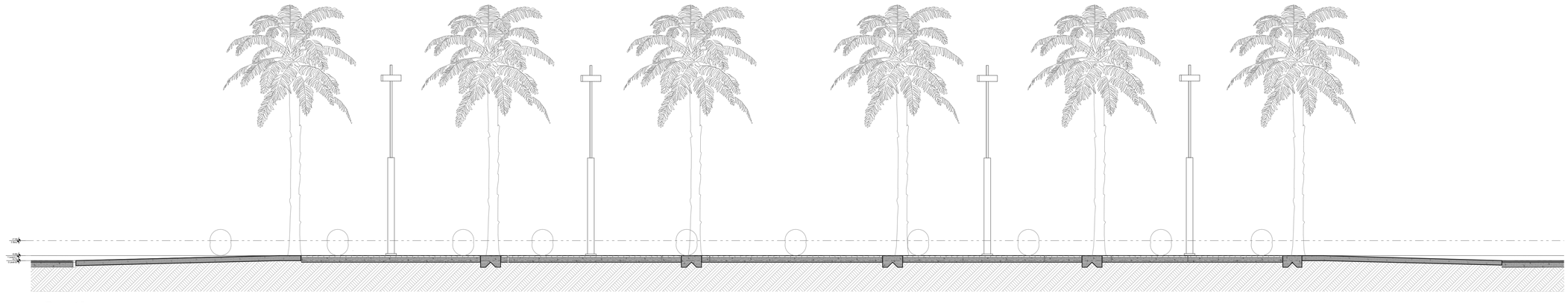
Rev/ID	CHD	Change Name	Date

ERBA ARQUITECTOS
RUTA 204
www.erba.pr



1 Crosswalk "A" Floor Plan

3/16" = 1'-0"



2 Section

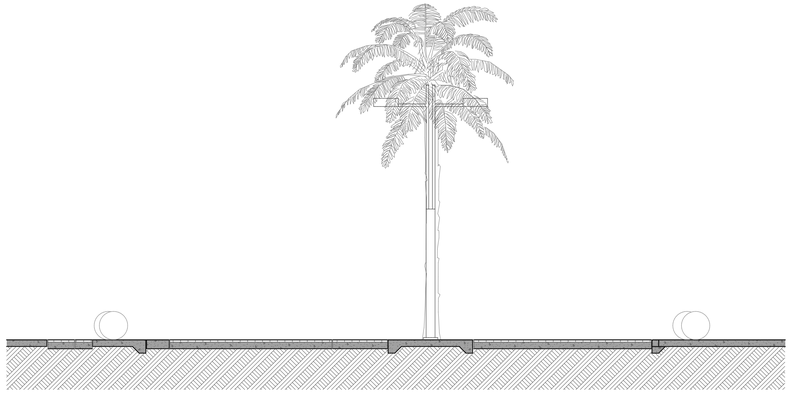
3/16" = 1'-0"

Date:

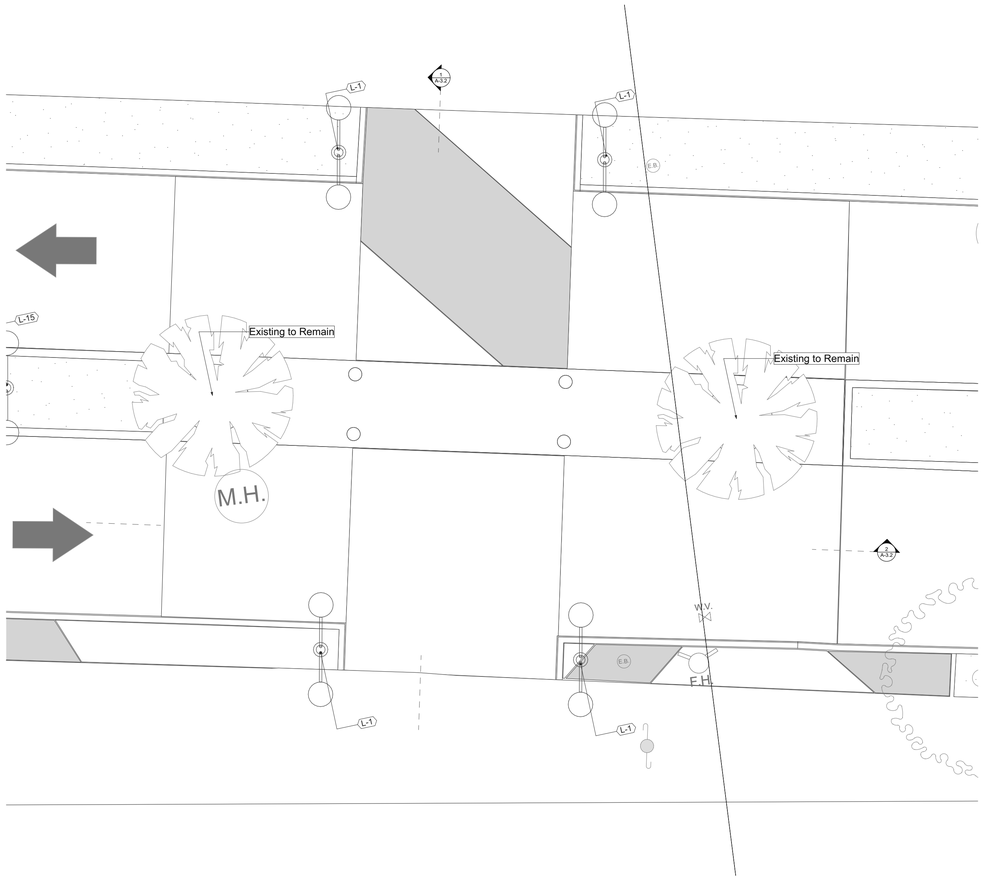
Revid: Chkd: Change Name:

ESTE SÍ
ESTADO LIBRE ASOCIADO DE PUERTO RICO
DEPARTAMENTO DE LA VIVIENDA

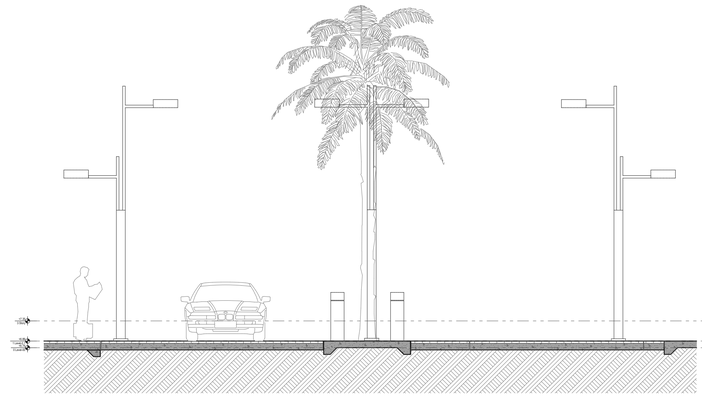
Certificacion:
Yo: Eugenio M. Ramirez Baliaga, arquitecto licenciado, numero de licencia 19795 certifico que soy el profesional que diseño estos planos y especificaciones. Declaro bajo juramento que estos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Puerto Rico y los Reglamentos y Códigos de Construcción Federales para el diseño de edificios. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Prevención, Intervención y Disposición Final de la Violencia Doméstica, conocida como la "Ley para la Prevención e Intervención con la Violencia Doméstica", según enmendada, Ley Núm. 54 de 15 de agosto de 1989, la Ley para la Prevención, Intervención y Disposición Final de la Violencia Doméstica, conocida como la "Ley para la Prevención e Intervención con la Violencia Doméstica", según enmendada, Ley Núm. 54 de 15 de agosto de 1989, la Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley para la Protección de la Propiedad Vacacional y Contra el Uso Ilegal de Facilidades Turísticas", la Ley Núm. 168 de 12 de agosto de 2000, según enmendada, la Ley Núm. 76 de 5 de mayo de 1938, según enmendada,



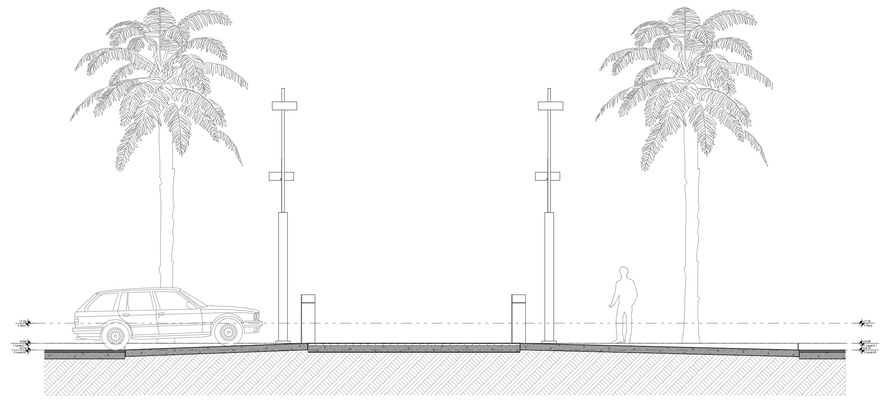
1 Section
3/16" = 1'-0"



2 Crosswalk "B" Floor Plan
3/16" = 1'-0"



1 Section
3/16" = 1'-0"



2 Section
3/16" = 1'-0"

Revision | Child | Change Name | Date

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Certificacion:
Yo, **Eugenio M. Ramirez Ballajara, arquitecto licenciado, numero de licencia 10736** certifico que soy el profesional que diseño estos planos y especificaciones, que he supervisado su preparación y que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Invención de la Arquitectura y la Ingeniería de 2004, según enmendada, conocida como la "Ley para la Invención de la Arquitectura y la Ingeniería de 2004", y con la Ley Núm. 173 de 12 de marzo de 1938, según enmendada, y que la información provista en la declaración falsa o falsificación de los hechos que en ella haya producido no es por ningún concepto ya esa fecha, ni ha dejado o dejará por ningún concepto en lo sucesivo, de ser correcta o responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas

Project Info:
Cadastre: 720-033-008-88
ID # (Project): 272
Project #: 2022-04-28
Client:
#Client Agency
#Client Address1
#Client Address2
Catano - Bello State
#Client City | PR

Drawing Name:
A-2 Architectural Blow-Ups - Ave. Las Nereidas
Section, Crosswalk "B" Floor Plan

Drawing Scale: **3/16" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID:
A-3.2

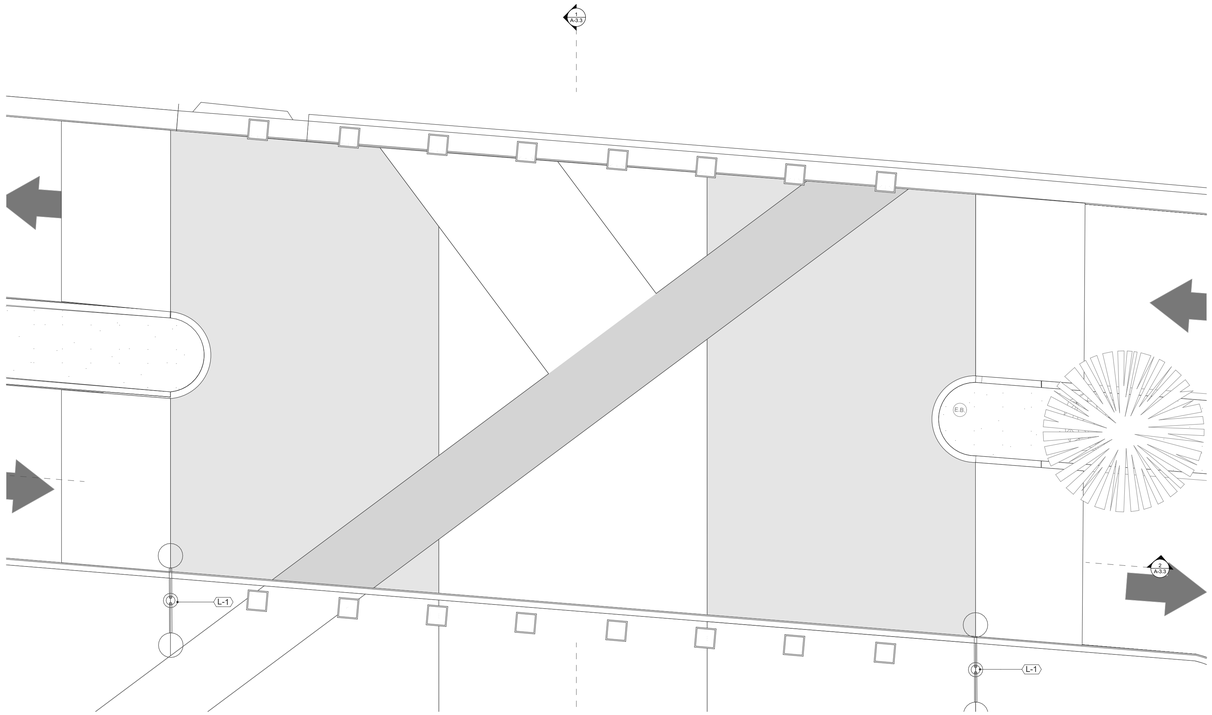
Revision:

Modified by:

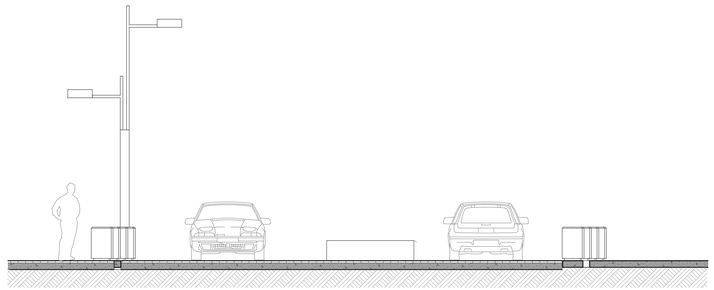
Checked by:

Approved by

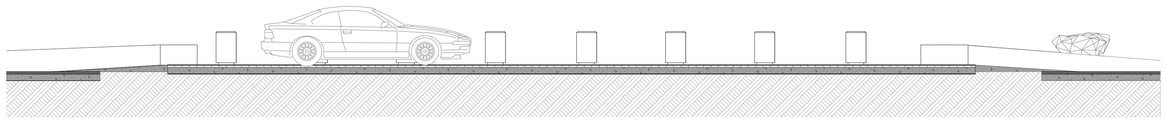
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1 Crosswalk "C" Floor Plan
3/16" = 1'-0"



1 Section
3/16" = 1'-0"



2 Section
3/16" = 1'-0"

Revid:	Ckkd:	Change Name	Date:

Certificacion:
Yo, **Eugenio M. Ramirez Ballasga, arquitecto licenciado, numero de Registro 13736** certifico que soy el profesional que diseño estos planos y especificaciones, que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Codigos de Construcción Vigentes en la Jurisdicción de las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido con la Ley para la Protección de la Propiedad Vehicular y Ley Num. 2004, según enmendada, conocida como la "Ley para la Prevención por Hurto y Apropiación Ilegal de Vehículos de Motor" y la Ley Num. 96 de 6 de julio de 1938, según enmendada, Ley Num. 96 de 6 de julio de 1938, según enmendada, conocida como la "Ley para la Prevención de la declaración falsa o falsificación de los hechos que en ella haya producido efecto, haya sido inducido a error, o por cualquier otra persona perjudicada por medio de falsificación, o por cualquier funcionario responsable de cualquier acción judicial y disciplinaria por la OGPe.

Project:
CDBG-DR: 000488 Mejoras y Reforestación del Sistema Vial del Centro Urbano, Ave. Las Nereidas
Client:
#Site Address1
#Site Address2 Autónomo de Cataño
#Site Address3
Cataño - Site State

Project Info:
Cadastre: 720-033-008-88
ID #: #Project ID
Phase: 22 - 122
2023-04-28 | 17:11

Drawing Name:
A-2 Architectural Blow-Ups - Ave. Las Nereidas
Crosswalk "C" Floor Plan, Section

Drawing Scale: **3/16" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Layout ID:
A-3.3

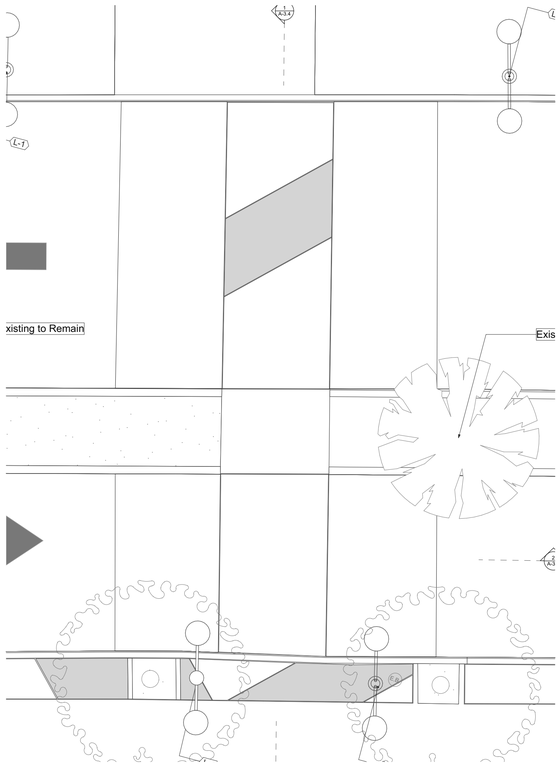
Revision:

Modified by:

Checked by:

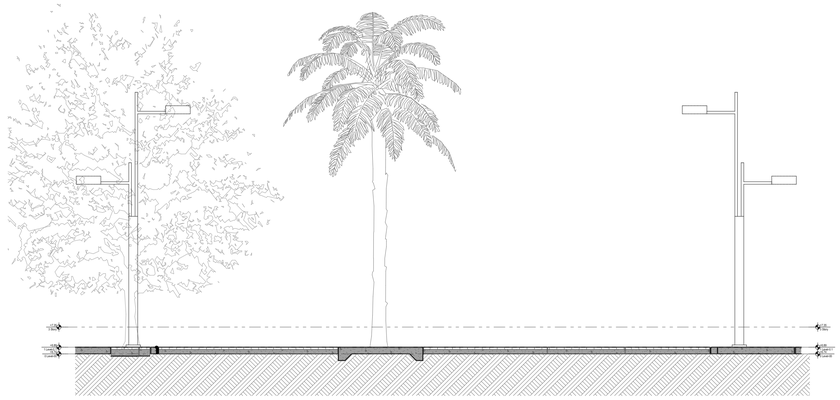
Approved by

S:\projects\000333 ED Cataño_Avenida Las Nereidas Placemking-enhced\Design Development Phase 60%\Cataño_Avenida Las Nereidas Phase 060360B 1535.pln



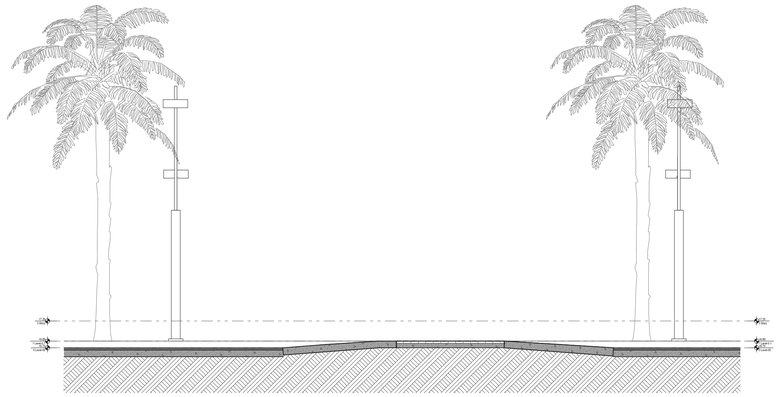
1 Crosswalk "E" Floor Plan

3/16" = 1'-0"



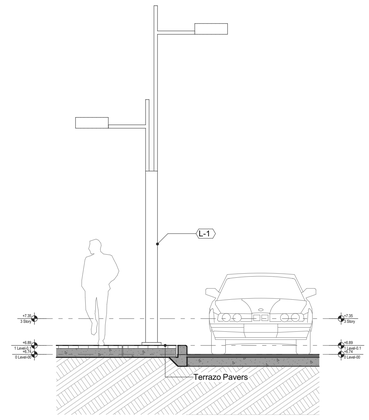
1 Section

3/16" = 1'-0"



2 Section

3/16" = 1'-0"



4 Typical Curb Section

1/4" = 1'-0"

Revit | CAD | Change Name | Date

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787.622.2224
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Arquitecto Ed Cesar Pérez

Certificación:
Yo, **Eugenio M. Ramírez Ballasga, arquitecto licenciado, número de licencia 13706** certifico que soy el profesional que diseñó estos planos y especificaciones, que he supervisado su preparación, que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables de los Reglamentos y Códigos de Construcción y Uso de Terrenos vigentes en las Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido fielmente con la Ley para la Dignidad Ocupacional y Prevención de Accidentes del Trabajo de Puerto Rico, conocida como la "Ley Núm. 16 de 5 de agosto de 1975", según enmendada; la Ley Núm. 96 de 6 de julio de 2004, según enmendada, conocida como la "Ley de la Profesión de Arquitectura y Arquitectura Paisajista de Puerto Rico"; la Ley Núm. 76 de 5 de mayo de 1938, según enmendada;

Site Plan - Area "A"

SCALE: 1:300

NOTES:
1. EXISTING POLES IDENTIFIED "ERP" SHALL BE REPLACED AS SPECIFIED IN LIGHTING FIXTURE SCHEDULE. REFER TO ARCH. PLANS.



Layout ID:
E-1.7

Revision:

Modified by:

Checked by:

Approved by

Drawing Name:
SITE PLAN - AREA "A"

Drawing Scale:
3/32" = 1'-0"
Drawing Status:
DD - Design Development 60%

Project:
CDBG-DR: 000528
Remodelación Plaza de Recreo y Quinto Centenario
#Site Address1
#Site Address2
Cataño - #Site State

Project Info:
Cadestre: 720-033-008-88
ID #: #Project ID
Project #: 22_022
2023-05-02 | 9:31

Municipio Autónomo de Cataño
#Client Company
#Client Address1
#Client City | PR

Certificacion:
Yo, **Enrique Figueroa Santos-Buch, ingeniero licenciado, número de licencia 19341**, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

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Hacia El Horizonte Corp. # 4750, San Juan, PR 00926

*RevID	CHID	Change Name	Date*

Site Plan - Area "B"

SCALE: 1:300

NOTES:
1. EXISTING POLES IDENTIFIED "ERP" SHALL BE REPLACED AS SPECIFIED IN LIGHTING FIXTURE SCHEDULE. REFER TO AREA PLANS.



Layout ID:
E-1.8

Revision:

Modified by:

Checked by:

Approved by

Drawing Name:
SITE PLAN - AREA "B"

Drawing Scale:
3/32" = 1'-0"

Drawing Status:
DD - Design Development 60%

Project:
CDBG-DR: 000528
Remodelación Plaza de Recreo y Quinto Centenario
#Site Address1
#Site Address2
Cataño - #Site State

Project Info:
Cadestre: 720-033-008-08
ID #: #Project ID
Project #: 22_022
2023-05-02 | 9:31

Municipio Autónomo de Cataño
#Client Company
#Client Address1
#Client City | PR

Certificacion:
Yo, **Enrique Figueroa Santos-Buch, ingeniero licenciado, número de licencia 19941**, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

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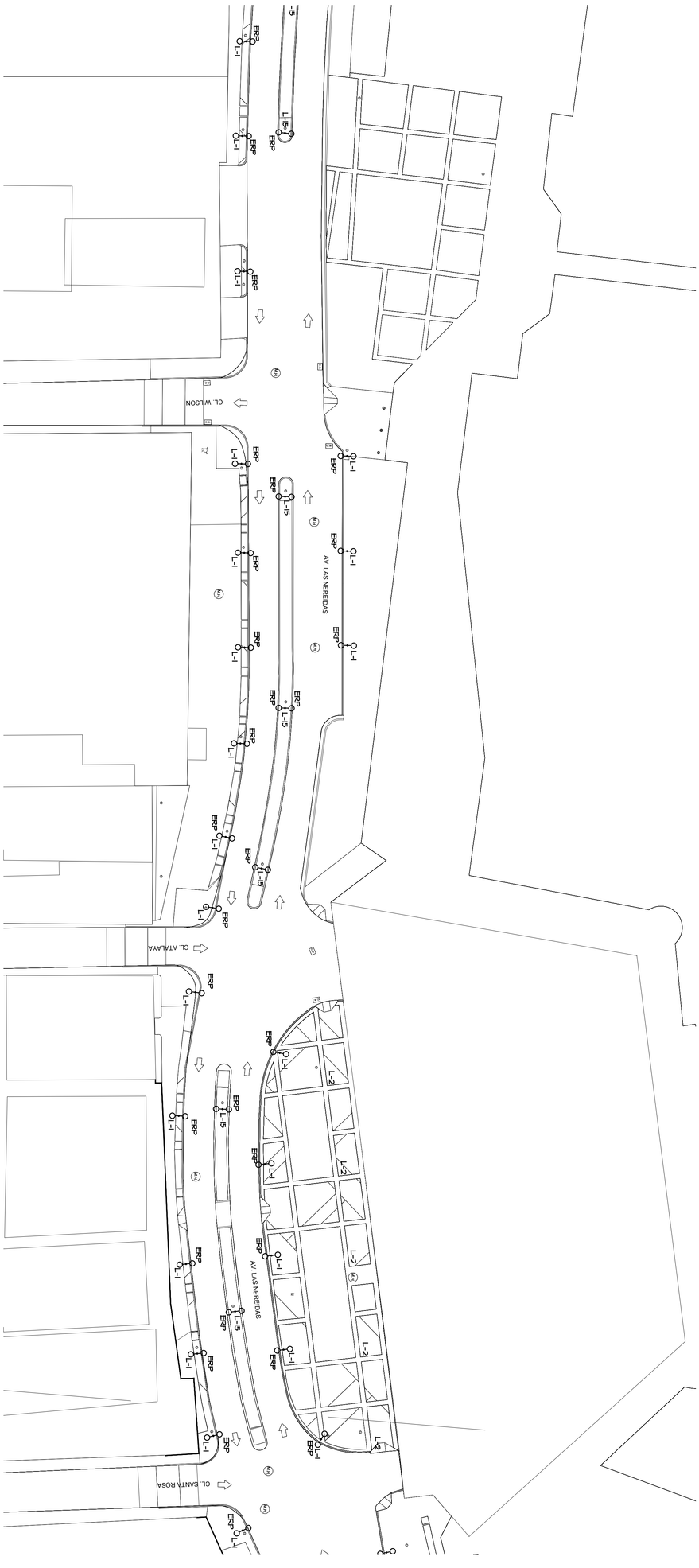
e figueroa p.s.c
INGENIEROS CONSULTORES
Reparto El Valenciano, Calle A #150, San Juan, PR 00926

* Rev/D	CHD	Change Name	Date *

Site Plan - Area "C"

SCALE: 1:300

NOTES:
1. EXISTING POLES IDENTIFIED "ERP" SHALL BE REPLACED AS SPECIFIED IN LIGHTING FIXTURE SCHEDULE. REFER TO AREA PLANS.



Layout ID: E-1.9

Revision:

Modified by:

Checked by:

Approved by

Drawing Name: SITE PLAN - AREA "C"

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Project:

CDBG-DR: 000528
Remodelación Plaza de Recreo y Quinto Centenario

#Site Address1
#Site Address2
Cataño - #State

Project Info:
Cadestre: 720-033-008-88
ID #: #Project ID
Project #: 22_022
2023-05-02 | 9:31

Municipio Autónomo de Cataño
#Client Company
#Client Address1
#Client City | PR

Certificacion:
Yo, **Enrique Figueroa Santos-Buch, ingeniero licenciado, número de licencia 19361**, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

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Reparto El Comandante Calle A #150, San Juan, PR 00924

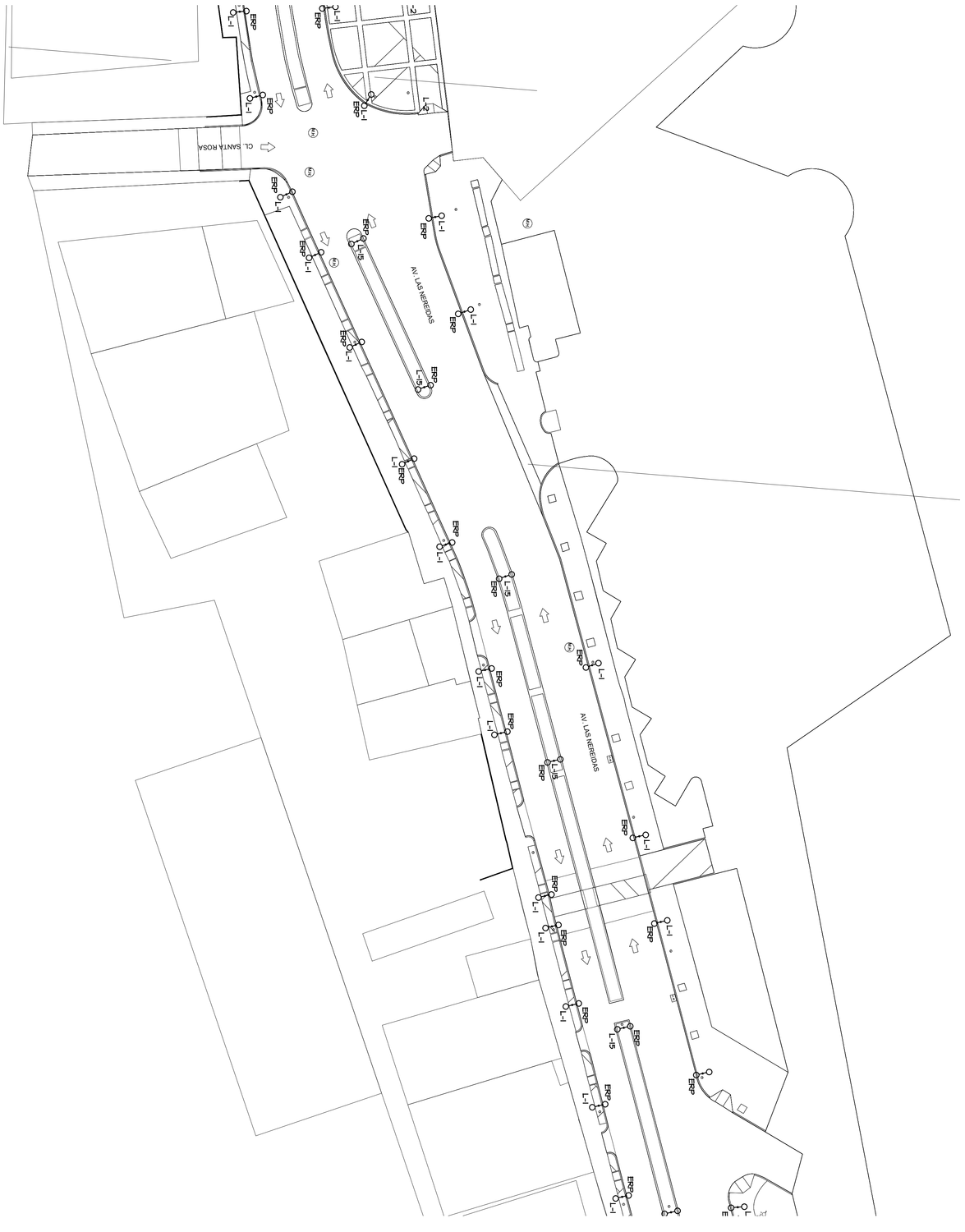
Rev/D	CHD	Change Name	Date

Site Plan - Area "E"

SCALE: 1:300

NOTES:

1. EXISTING POLES IDENTIFIED "ERP" SHALL BE REPLACED AS SPECIFIED IN LIGHTING FIXTURE SCHEDULE. REFER TO ARCH. PLANS.



Layout ID: E-1.10

Revision:

Modified by:

Checked by:

Approved by

Drawing Name: SITE PLAN - AREA "E"

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Project:

CDBG-DR: 000528
Remodelación Plaza de Recreo y Quinto Centenario

#Site Address1
#Site Address2
Cataño - #Site State

Project Info:
Cadestre: 720-033-008-88
ID #: #Project ID
Project #: 22_022
2023-05-02 | 9:31

Municipio Autónomo de Cataño
#Client Company
#Client Address1
#Client City | PR

Certificacion:
Yo, **Enrique Figueroa Santos-Buch, ingeniero licenciado, número de licencia 19361**, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Invensión por la Industria Puertorriqueña" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique). Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

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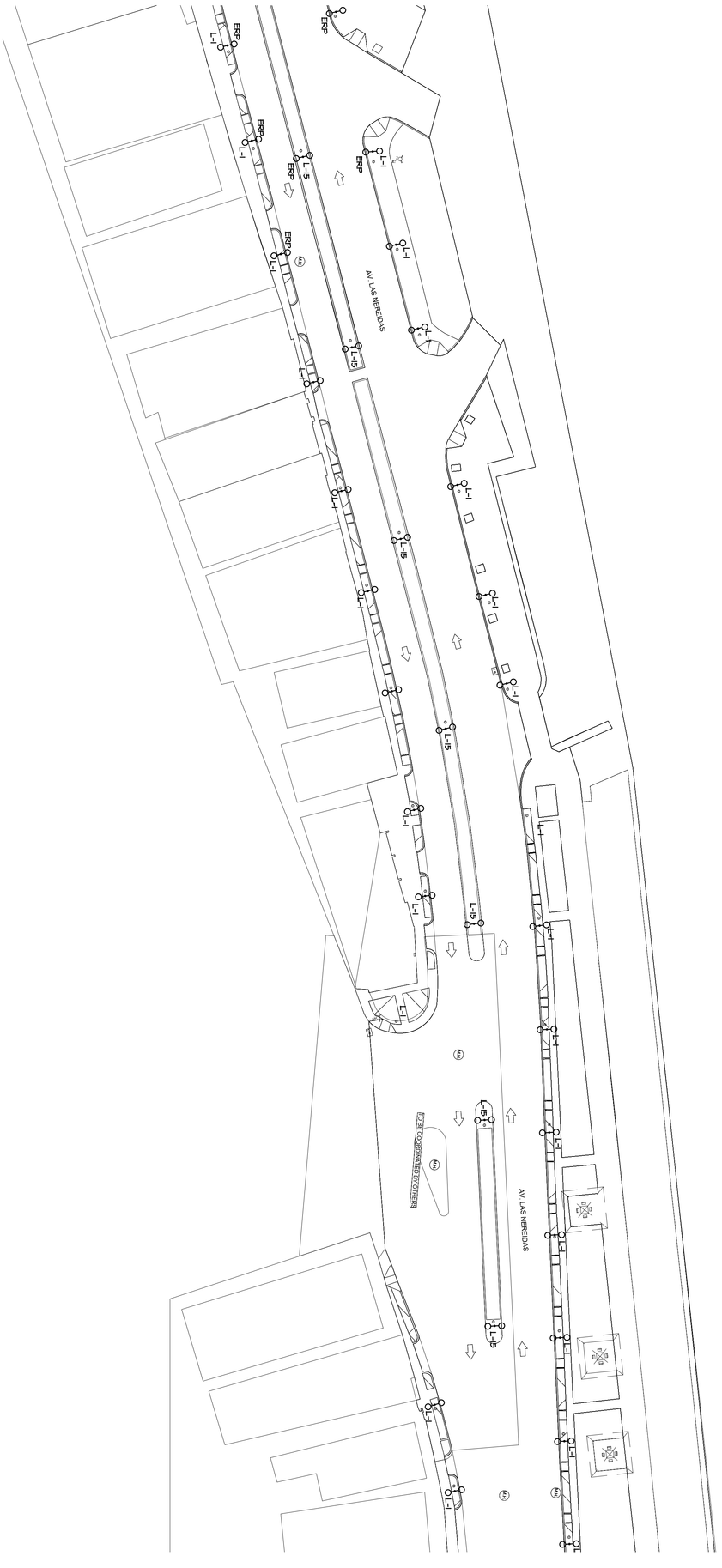
e figueroa p.s.c
INGENIEROS CONSULTORES
Hacia El Horizonte Calle A #30, San Juan, PR 00920

RevID	CHID	Change Name	Date

Site Plan - Area "F"

SCALE: 1:300

NOTES:
1. EXISTING POLES IDENTIFIED "ERP" SHALL BE REPLACED AS SPECIFIED IN LIGHTING FIXTURE SCHEDULE. REFER TO ARCH. PLANS.



Layout ID: E-1.11

Revision:

Modified by:

Checked by:

Approved by

Drawing Name: SITE PLAN - AREA "F"

Drawing Scale: **3/32" = 1'-0"**

Drawing Status: **DD - Design Development 60%**

Project:

CDBG-DR: 000528
Remodelación Plaza de Recreo y Quinto Centenario

#Site Address1
#Site Address2
Cataño - #Site State

Project Info:
Cadestre: 720-033-008-88
ID #: #Project ID
Project #: 22_022
2023-05-02 | 9:31

Municipio Autónomo de Cataño
#Client Company
#Client Address1
#Client City | PR

Certificacion:
Yo, **Enrique Figueroa Santos-Buch, ingeniero licenciado, numero de licencia 11312**, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

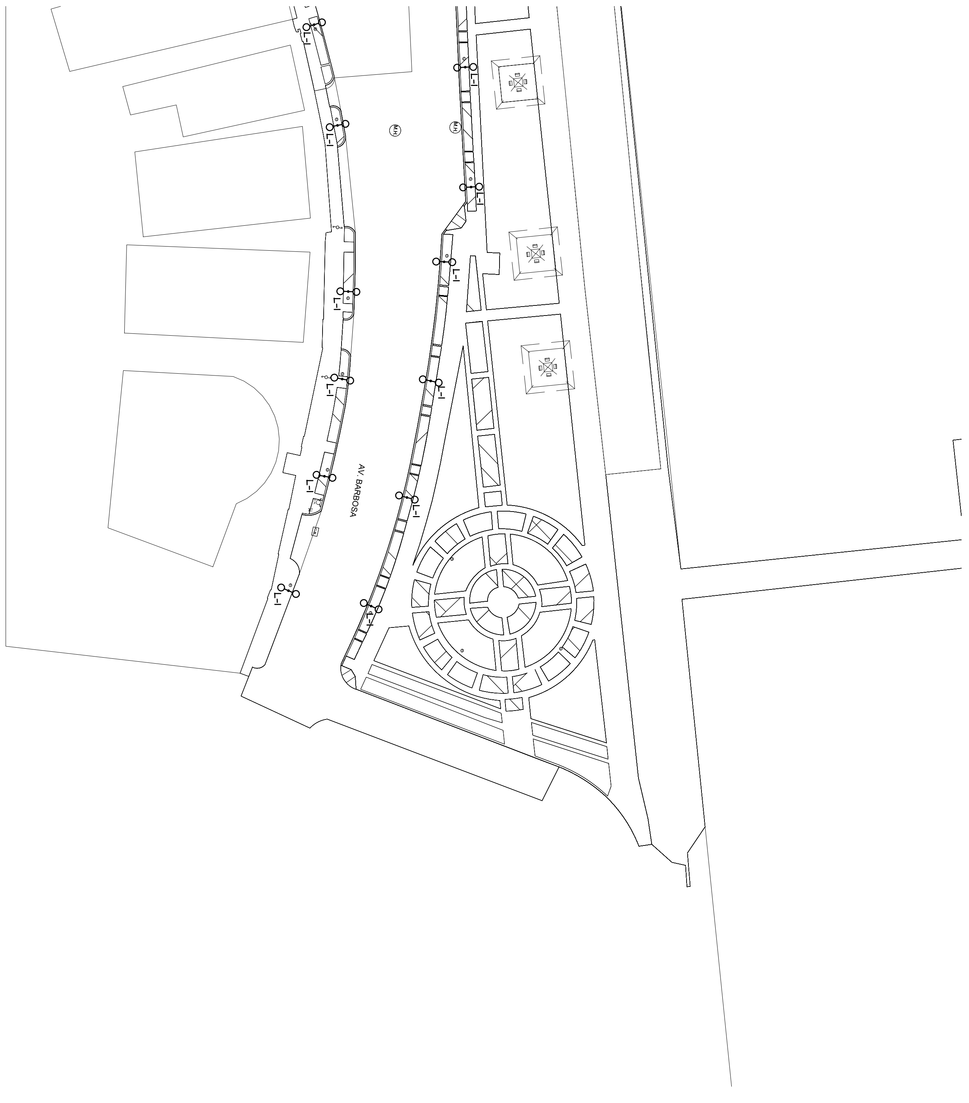
e figueroa p.s.c
INGENIEROS CONSULTORES
Hato Tejas, Carr. 167 Km. 4.4 Int. Bo. Hato Tejas, PR 00959

RevID	CHID	Change Name	Date

Site Plan - Area "G"

SCALE: 1:300

NOTES:
1. EXISTING POLES IDENTIFIED "ESP" SHALL BE REPLACED AS SPECIFIED IN LIGHTING FIXTURE SCHEDULE. REFER TO ARCH. PLANS.



Layout ID:
E-1.12

Revision:

Modified by:

Checked by:

Approved by

Drawing Name:
SITE PLAN - AREA "G"

Drawing Scale:
3/32" = 1'-0"
Drawing Status:
DD - Design Development 60%

Project:
CDBG-DR: 000528
Remodelación Plaza de Recreo y Quinto Centenario
#Site Address1
#Site Address2
Cataño - #Site State

Project Info:
Cadestre: 720-033-008-88
ID #: #Project ID
Project #: 22_022
2023-05-02 | 9:31

Municipio Autónomo de Cataño
#Client Company
#Client Address1
#Client City | PR

Certificacion:
Yo, **Enrique Figueroa Santos-Buch, ingeniero licenciado, número de licencia 19361**, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley Núm. 14 de 8 de enero de 2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

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Hato Tejas, Carr. 167 Km. 1.2, Bayamón, PR 00959
787-740-2888

*RevID	CHID	Change Name	Date*

ELECTRICAL LEGEND

- CONDUIT RUN EXPOSED ON SLAB OR ABOVE HUNG CEILING.
- CONDUIT RUN EMBEDDED IN FLOOR OR WALL.
- CONDUIT RUN TO PANEL. ARROWS INDICATE NUMBER OF CIRCUITS IN CONDUIT. NUMBER OF CONDUCTORS AS INDICATED BY CROSSLINES.
- CEILING OUTLET FOR LIGHTING FIXTURE.
- WALL OUTLET FOR LIGHTING FIXTURE AT 7'-0" A.F.F.
- DUPLEX GROUNDING CONVENIENCE RECEPTACLE. 20 AMPS., 125 VOLTS, SPECIFICATION GRADE, AT 18" A.F.F. UNLESS OTHERWISE INDICATED. (GFR-GROUND FAULT FEED THRU TYPE)
- SAME AS ABOVE BUT AT 42" A.F.F.
- H SAME AS ABOVE BUT AT 6'-0" A.F.F.
- WP SAME AS ABOVE BUT WITH PVC WATER-PROOF COVER . 18" A.F.F.
- RANGE RECEPTACLE, GROUNDING TYPE, 2 POLES, 3 WIRES, 50 AMPS. 250 VOLTS AT 1'-6" AFF, NEMA14-50R. (FOR IN-LINE W/H. HEIGHT SHALL BE COORDINATED W/ PLUMBING CONTRACTOR)
- W/H RECEPTACLE, 250 VOLTS, 30 AMPS., 36" A.F.F.
- S SINGLE POLE SWITCH, 20 AMPS., 125 VOLTS, 4'-0" A.F.F.
- S SAME AS ABOVE BUT THREE SINGLE POLE SWITCHES IN TRIPLE GANG BOX.
- 2p 2 POLE SWITCH, 30 AMP., 250 VOLTS, WITH PILOT LIGHT, 4'-0" AFF.
- 3 3 WAY SWITCH, 20 AMPS., 125 VOLTS AT 4'-0" A.F.F.
- PANELBOARD AS PER PANEL SCHEDULE.
- EXHAUST FAN. REFER TO MECH. DWGS.
- SAFETY OR DISCONNECT SWITCH 36" AFF. REFER TO ELECTRICAL PLAN.
- WALL MOUNTED JUNCION BOX, 18" AFF, EXCEPT AS NOTED.
- H SAME AS ABOVE BUT 7'-0" AFF.
- CEILING MTD. JBOX,
- OS DUAL TECHNOLOGY SINGLE POLE OCCUPANCY SENSOR, 120V., 20 AMPS. SIMILAR OR EQUAL TO LEVITON OSSMT-SDI W/ FACE PLATE.

GENERAL NOTES

1- ALL ELECTRICAL CONDUITS SHALL BE PVC SCH.40 - 3/4" MINIMUM LARGER OR OTHER TYPE OF CONDUIT AS INDICATED ON DRAWINGS.

2- CONDUCTORS SHALL BE COPPER WITH 600 VOLTS THHN INSULATION. MINIMUM SIZE SHALL BE #12 A.W.G.

3- USE WHITE COLOR FOR ALL WIRING DEVICES, PLATES SHALL BE WHITE THERMOPLASTIC.

4- THE TELEPHONE SYSTEM SHALL BE HIRED BY OTHERS. A #14 GALV., WIRE SHALL BE LEFT IN EACH OUTLET.

5- THE COMPLETE ELECTRICAL INSTALLATION SHALL BE IN COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE, LATEST EDITION, AND THE REGULATIONS OF P.R.E.P.A.

6- ALL WIRING DEVICES, EQUIPMENT AND CONDUIT SHALL BE UNDERWRITERS LAB., P.R.E.P.A. AND H.U.D. APPROVED AND SHALL BE SUBMITTED TO THE OWNER OR HIS REPRESENTATIVE FOR APPROVAL.

7- OUTLET BOXES SHALL HAVE THE FOLLOWING DIMENSIONS:

UP TO 9 CONDUCTORS 4"X4"X1 1/2"
UP TO 12 CONDUCTORS 4 11/16"X4 11/16"X2 1/8"
UP TO 16 CONDUCTORS 4 11/16"X4 11/16"X2 1/2"

8- AFTER COMPLETION OF THE WORK THE CONTRACTOR SHALL FURNISH TO THE OWNER A CERTIFICATE OF FINAL INSPECTION AND APPROVAL.

9- ALL ELECTRICAL FITTINGS SHALL BE CONCRETE TIGHT.

10- INSTALL A #12bw JUMPER BETWEEN CONVENIENCE RECEPTACLE GROUND TERMINAL AND OUTLET BOX GROUND TERMINAL.

11- GROUND WIRE IN PVC CONDUIT NOT SHOWN, MUST BE PROVIDED.

12- VERIFY ALL ELECTRICAL REQUIREMENTS AND EXACT LOCATIONS OF EQUIPMENT WITH DRAWINGS AND SPECIFICATIONS. CHECK AND VERIFY ALL DIMENSIONS IN THE FIELD.

13- COORDINATE THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT, LIGHT FIXTURES, RACEWAYS, ETC., WITH THE OTHER TRADES, SO AS TO AVOID INTERFERENCES WITH DUCTWORK, PIPING, STRUCTURES, ETC.

14- MAINTAIN ADEQUATE ACCESS TO ALL JUNCTION, TERMINATION AND PULL BOXES, MAINTAIN ADEQUATE ACCESS TO ALL EQUIPMENT FOR OPERATIONS, MAINTENANCE AND REPAIRS.

15- ALL MOUNTING HEIGHTS INDICATED ARE TO CENTERLINES OF DEVICES EXCEPT FOR LIGHT FIXTURES AND AS OTHERWISE NOTED OR PER SPECIFICATIONS. MOUNTING HEIGHTS FOR LIGHT FIXTURES ARE TO BOTTOM OF UNITS.

16- CONDUIT ROUTINGS SHOWN ARE DIAGRAMMATIC. FOLLOW ROUTINGS SHOWN WHEREVER PRACTICAL. COORDINATE ACTUAL ROUTINGS WITH ALL OTHER TRADES.

17- SUPPORT WALL MOUNTED ELECTRICAL EQUIPMENT (I.E. PANELBOARDS, STARTERS TRANSFORMERS, ETC.) BY UNISTRUT CHANNELS SECURED TO FLOOR AND CEILING, UNLESS WALL IS OF MASONRY TYPE WHICH IS OF SUITABLE CONSTRUCTION TO SUPPORT WEIGHT OF EQUIPMENT, OR EXCEPT AS OTHERWISE NOTED OR SPECIFIED.

18- INSTALL ALL CONDUIT ABOVE HUNG CEILING AND IN WALLS IN FINISHED AREAS. SPLICE BOXES IN NON-ACCESSIBLE LOCATIONS ARE NOT PERMITTED. IN UNFINISHED AREAS (E.G.: MECHANICAL EQUIPMENT ROOMS, ETC.) OUTLET BOXES MAY BE SURFACE MOUNTED AND CONDUIT RUNS EXPOSED.

19- DESIGNATIONS TO ELECTRICAL DEVICES SUCH AS LIGHTING FIXTURES, RECEPTACLES, ETC., INDICATE CONTROL PANEL AND/OR BRANCH CIRCUIT SERVICING THAT DEVICE AND ARE TO BE USED AS A GUIDE FOR PROPER CONTROL, CONNECTION OF MULTI-WIRE CIRCUITS AT PANELS.

20- DETERMINE THE ARRANGEMENT AND ROUTING OF BRANCH CIRCUITS IN STRICT ACCORDANCE WITH THE FOLLOWING:

A. BALANCE PHASE LOADS ON PANELBOARD BUSES AS EVENLY AS POSSIBLE.

B. RUN ALL WIRING IN RIGID GALVANIZED STEEL CONDUIT IF EXPOSED. ELECTRICAL METALLIC TUBING OF CONCEALED IN WALLS OR ABOVE CEILINGS, PVC COATED RIGID STEEL FOR OUTDOORS EXPOSED INSTALLATIONS OR AS REQUIRED PER DRAWINGS, SPECIFICATIONS AND APPLICABLE CODES. ALL CONDUIT TO BE CONCEALED IN FINISHED AREAS.

C. PROVIDE A SEPARATE NEUTRAL FOR ALL LIGHTING AND RECEPTACLE BRANCH CIRCUITS. TREAT NEUTRAL CONDUCTOR AS A CURRENT CARRYING CONDUCTORS IN ACCORDANCE WITH THE NEC.

D. CONBINING OF 120 VOLT BRANCH CIRCUITS WITHIN A SINGLE CONDUIT IS PERMITTED AS FOLLOWS:

NUMBER OF CURRENT CARRYING CONDUCTORS	MINIMUM PERMISSIBLE WIRE SIZE (MAX. 20A CIRCUITS)
ONE TO SIX	#12
SEVEN TO NINE	#10

E. SIZE HOMERUN BRANCH CIRCUIT CONDUCTORS FROM PANELBOARD TO THE FIRST OUTLET IN ACCORDANCE WITH THE FOLLOWING MAXIMUM CIRCUIT LENGTH LIMITS, USING CENTER OF LOAD SERVED AS THE BASIS FOR FOR COMPUTING LENGTHS:

	#12	#10	#8
120 VOLT (20A CIRCUIT)	65 FT	110 FT	165 FT
277 VOLT (20A CIRCUIT)	150 FT	250 FT	380 FT

21- INSTALL AND WIRE RECEPTACLES AND SINGLE PHASE EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING:

A. GENERAL LOCATIONS IN ACCORNANCE WITH DRAWINGS, WITH EXACT LOCATION SUBJECT TO DIRECTION OF THE OWNER'S REPRESENTATIVE.

B. GROUND ALL RECEPTACLES VIA SEPARATE GREEN GROUND CONDUCTOR RUN WITH POWER WIRES AND TERMINATING AT PANEL BOARD GROUND BUS.

22- INSTALL AND WIRE LIGHTING SYSTEMS IN ACCORDANCE WITH THE FOLLOWING:

A. CONFORM TO THE LIGHTING FIXTURE LAYOUT AND ARRANGEMENT AS SHOWN ON ARCHITECTURAL REFLECTED CEILING DRAWINGS FOR RECESSED LIGHTING FIXTURES. CONFORM TO THE LAYOUT ON THE ELECTRICAL DRAWINGS FOR SURFACE AND PENDANT LIGHT FIXTURES. MOUNTING HEIGHTS AND FIXTURE LOCATIONS MAY BE ADJUSTED IN THE FIELD WHERE NECESSARY TO AVOID EQUIPMENT, PIPING, ETC.

B. CONNECT LIGHTING FIXTURES AND DEVICES TO THE PANELBOARDS AND CIRCUITS AS INDICATED, VIA THE ROOM AND/OR AREA SWITCH WHERE SWITCHES ARE INDICATED ON THE DRAWINGS, AND DIRECTLY TO PANELBOARDS WHERE SWITCHES ARE NOT INDICATED. NOTE #12.

C. MOUNT EXIT LIGHTS SIX INCHES ABOVE DOORS WHERE APPLICABLE. FOR LOCATIONS OTHER THAN ABOVE DOORS MOUNT EXIT LIGHTS EIGHT FEET MAXIMUN ABOVE FINISHED FLOOR OR TWELVE INCHES BELOW CEILING, EXCEPT AS OTHERWISE NOTED. ALL HEIGHTS ARE TO BOTTOMS OF FIXTURES.

23- WHERE OVERSIZED CONDUCTORS ARE INDICATED ON THE DRAWINGS, WHICH CANNOT BE SAFELY TERMINATED DUE TO LUG SIZE OR WIRE BENDING SPACE LIMITATIONS, PROVIDE LOCAL JUNCTION BOX WITH NEC COMPLYING FEEDER TAP OF SMALLER WIRE SIZE SUITABLE FOR PROPER TERMINATION AT THE

24- PROVIDE EXPANSION FITTINGS IN ALL ELECTRICAL RACEWAY RUNS WHERE THEY CROSS BUILDING EXPANSION JOINTS, OR AS NEEDED FOR STRAIGHT RUNS GREATER THAN 150'.

25- INSTALL ALL CONDUITS AS HIGH AS POSSIBLE. ROUTE AND SUPPORT ALL CONDUITS TO AVOID PIPING, DUCTWORK, EQUIPMENT, ETC. COORDINATE ALL CONDUIT ROUTINGS WITH ALL TRADES.

26- PROVIDE CONTINUOUS WIRING FOR CONTROL AND INSTRUMENTATION SYSTEMS FROM POINT OF ORIGIN TO TERMINALS OF DEVICES AT ENDS OF RUNS (I.E. SPLICES ARE NOT PERMITTED).

27- ALTHOUGH NOT SHOWN ON THE DRAWING, SURVEY EXISTING ELECTRICAL DEVICES AND RACEWAYS, WHICH MAY INTERFERE WITH THE WORK, TO DETERMINE THE SOURCE OF POWER AND THE LOAD IT SERVES. SUBMIT THIS INFORMATION IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR REVIEW. DISCONNECT AND EITHER REMOVE COMPLETY OR RELOCATE AND RECONNECT THESE MATERIALS AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

28- MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING EQUIPMENT THAT IS TO REMAIN IN SERVICE.

29- BROOM CLEAN ALL WORK AREAS UPON COMPLETATION OF WORK EACH DAY.

30- ELECTRICAL DRAWINGS ARE BASED ON PRELIMINARY VENDOR INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ELECTRICAL RATINGS, CONTROL WIRING, INSTRUMENT WIRING, ETC. FROM CERTIFIED DRAWINGS OF EQUIPMENT AND SHALL MAKE ANY WIRING, BRANCH CIRCUIT OR DISTRIBUTION MODIFICATIONS REQUIRED WITHOUT ANY ADDITIONAL COST TO THE OWNER. HE SHALL SUBMIT A SCHEDULE OF SUCH CHANGES FOR APPROVAL BY THE ENGINEER. ALL APPROVED CHANGES SHALL BE RECORDED ON "AS-BUILT" DRAWINGS.

31- ALL EQUIPMENT SHALL BE HIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS INSTRUCTIONS, OR SPECIFICATIONS.

32- ALL EQUIPMENT SHALL BE WIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS INSTRUCTIONS, OR SPECIFICATIONS.

33- UNLESS OTHERWISE NOTED ALL LIGHTING SWITCHES, DEVICES AND RECEPTACLES ARE FLUSH MOUNTED IN FINISHED AREAS. DEVICES OF DIFFERENT VOLTAGES.

36- THE CONTRACTOR SHALL INSTALL ALL RECESSED BOXES FOR LIGHT SWITCHES, RECEPTACLES, ETC. IN A LEVEL/PLUMB ORIENTATION.

37- THE CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APROVAL FOR THE FOLLOWING ITEMS:

-ALL ITEMS SHOWN ON ONE-LINE DIAGRAMS.
-ALL LIGHTING FIXTURES SHOWN ON FIXTURE SCHEDULE.
-ALL WIRE AND CABLE.

38- PROVIDE MULTI-WIRE BRANCH CIRCUITS UTILIZING COMMON NEUTRALS (EXCEPT AS OTHERWISE NOTED), FOR LIGHTING, RECEPTACLES AND SINGLE PHASE EQUIPMENT. CIRCUIT NUMBERS ADJACENT TO FIXTURES, DEVICES AND OUTLETS ARE INDICATED AS A GUIDE FOR PROPER CONNECTION OF MULTI-WIRE CIRCUITS AT PANELS.

39- SAFETY SWITCH RATING, FUSE AND POLES WILL BE INDICATED AS FOLLOWS:

A. FOR EQUIPMENT CONNECTED TO THE MOTOR CONTROL CENTERS ON THE ONE LINE DIAGRAMBESIDE THE SYMBOL.

B. FOR EQUIPMENT CONNECTED TO PANELBOARDS; ON THE FLOOR PLANS BESIDE THE SYMBOL.

C. REFER TO DETAILS ON DWGS. AND TO SPECIFICATIONS SECTIONS 16170 FOR NEMA TYPE ENCLOSURE AND MOUNTING.

D. ALL SAFETY SWITCHES EXPOSED TO THE WEATHER SHALL BE STAINLESS STEEL EXCEPT AS NOTED.

*** 40- ALL PANELBOARDS SHALL HAVE STAINLESS STEEL FRONT COVERS W/HINGED DOORS.**

PANEL SCHEDULE

SURFACE MOUNTED, CUTLER HAMMER | "LP" | VOLTS 120/208 SERVICE: 3 Ph. 4 W | 24 K AMPS. SYM I.C COPPER BUS AND GROUND BUS | MAINS: 200 A MLO STAINLESS STEEL NEMA 4x | TOTAL KW=24

CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS	CKT. NO.	ΦA ΦB ΦC	CKT. NO.	CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS
LIGHTS, RECEPTACLES, BATHROOMS	20	1	BAB	120	1		2	LIGHTING (1)	20	1	BAB	120
LIGHTS, RECEPTACLES, BATHROOMS	20	1	BAB	120	3		4	LIGHTING PERGOLAS (1)	20	1	BAB	120
LIGHT POLES	20	1	BAB	120	5		6	BENCHES	20	1	BAB	120
LIGHT POLES	20	1	BAB	120	7		8	LIGHT POLES AND SCULPTURES (1)	20	1	BAB	120
	20	1	BAB	120	9		10	LIGHT POLES AND SCULPTURES (1)	20	1	BAB	120
	20	1	BAB	120	11		12	SPARE	20	1	BAB	120
	20	1	BAB	120	13		14	SPARE	20	1	BAB	120
	20	1	BAB	120	15		16	SPARE	20	1	BAB	120
	20	1	BAB	120	17		18	SPARE	20	1	BAB	120
	20	1	BAB	120	19		20					
	20	1	BAB	120	21		22	"LP-2"	100	3	BAB	208
SPACE	20	1	BAB	120	9-23		24					

(1) THRU "LCP-1": LIGHTING CONTACTOR PANEL INSIDE STAINLESS STEEL CABINE CONSISTING OF:
IP-20 AMP. RELAYS ACTIVATED THROU TIMER SWITCH W/RESERVE POWER FOR CKTS. 5,7,10.
IP-20 AMP. RELAYS ACTIVATED THRU PHOTOCELL CKTS. 2,4,6,8,9,11,13

PANEL SCHEDULE

FLUSH MOUNTED, CUTLER HAMMER | "LP-2" | VOLTS 120/208 SERVICE: 3 Ph. 4 W | 24 K AMPS. SYM I.C COPPER BUS AND GROUND BUS | MAINS: 125 A MLO NEMA 1 | TOTAL KW=15

CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS	CKT. NO.	ΦA ΦB ΦC	CKT. NO.	CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS
LIGHT POLES (1)	20	1	BAB	120	1		2	LIGHT POLES (1)	20	1	BAB	120
LIGHT POLES (1)	20	1	BAB	120	3		4	LIGHTING (1)	20	1	BAB	120
LIGHT POLES (1)	20	1	BAB	120	5		6	LIGHTING (1)	20	1	BAB	120
LIGHTING BUS STOP (1)	20	1	BAB	120	7		8	LIGHTING FOUNTAIN	20	1	BAB	120
LIGHTING PENGALA	20	1	BAB	120	9		10	LIGHTING FOUNTAIN	20	1	BAB	120
RANGE	50	2	BAB	120	11		12	RECEPTACLES	20	1	BAB	120
					13		14	RECEPTACLES	20	1	BAB	120
RECEPTACLES	20	1	BAB	120	15		16	SPARE	20	1	BAB	120
LIGHTING (1)	20	1	BAB	120	17		18	SPARE	20	1	BAB	120
							20					
							22	"LP-3"	60	3	BAB	208
SPACE	20	1	BAB	120	19-23		24					

(1) THRU "LCP-2"

PANEL SCHEDULE

FLUSH MOUNTED, CUTLER HAMMER | "LP-3" | VOLTS 120/208 SERVICE: 1 Ph. 3 W | 24 K AMPS. SYM I.C COPPER BUS AND GROUND BUS | MAINS: 100 A MLO NEMA 1 | TOTAL KW=15

CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS	CKT. NO.	ΦA ΦB ΦC	CKT. NO.	CIRCUIT DESCRIPTION DESIGNATION	CIRCUIT BREAKER TRIP	POLE	FRAM	VOLTS
LIGHT (1)	20	1	BAB	120	1		2	RECEPTACLES	20	1	BAB	120
LIGHT (1)	20	1	BAB	120	3		4	RECEPTACLES	20	1	BAB	120
LIGHT POLES (1)	20	1	BAB	120	5		6	RECEPTACLES	20	1	BAB	120
STAGE	30	20	BAB	120	7							
					9							
SPACE	20	1	BAB	120	9-23		24	SPACE	20	1	BAB	120

(1) THRU TIMER SWITCH IP, 30 AMPS., W/RESERVE POWER

Jesús Luis Ocasio Nieves
e figueroa p.s.c
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Tel. (787) 761-1067 Fax (787) 761-1068
Apdo. 21 Caguas, Puerto Rico 00726

ESTE SELLO GARANTIZA QUE LOS SERVICIOS PROFESIONALES QUE SE INDICAN FUERON REALIZADOS DE CONFORMIDAD CON LA LEY NUM. 173 DE AGOSTO 12 DE 1988, SEGUN ENMENDADA.
E RBA
ESTADO LIBRE ASOCIADO DE PUERTO RICO
JUNTA EXAMINADORA DE INGENIEROS, ARQUITECTOS Y AGRIMENSORES

Certificación:
Yo, Enrique Figueroa Santos Buch, Ingeniero Licenciado, CERTIFICO que los planos y especificaciones de este proyecto fueron preparados bajo mi supervisión y están de acuerdo con las especificaciones complementarias y las disposiciones aplicables del Reglamento Conjunto de Permisos y Reglamento y Código de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción sobre este proyecto. Además, estos planos y especificaciones no se cumplirán con todas las disposiciones aplicables de la Ley para Asegurar el Cumplimiento Ambiental, conocida como la "Ley para la Política Pública Ambiental de Puerto Rico", Ley Núm. 416 de 22 de septiembre de 2004, según enmendada, Ley Núm. 95 de 6 de junio de 1976, según enmendada, y la Ley Núm. 76 de 5 de agosto de 1975, según enmendada, conocida como la "Ley para la Protección de los hechos que se hayan suscitado antes de la fecha de su aprobación por mí, por mis agentes o empleados, o por otras personas que no sean consultores, no es responsable de cualquier acción judicial y/o reclamación que surja del uso de estos planos por el DCR.

Project:
CDBG-DR: 000528
Remodelación Plaza de Recreo y Quinto Centenario
#Site Address1
#Site Address2
Cataño - PR 00962

Project Info:
Cadastre: 720-033-008-88
Ownership: Municipio Autónomo de Cataño
Project ID: #Client ID
Project #: 22_022
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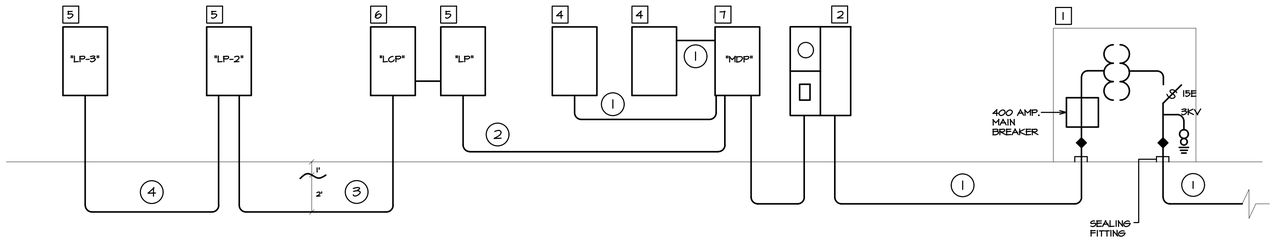
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Drawing Name:
LEGEND, NOTES
SCHEDULES & DETAILS

Drawing Scale:
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Drawing Status:
DD - Design Development 60%

Layout ID:
E-2.1

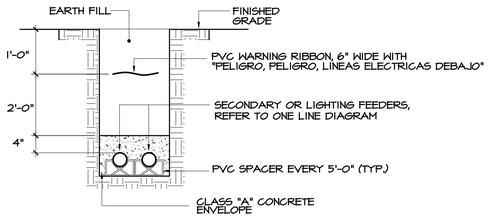
Revision:
Modified by:
Checked by:
Approved by



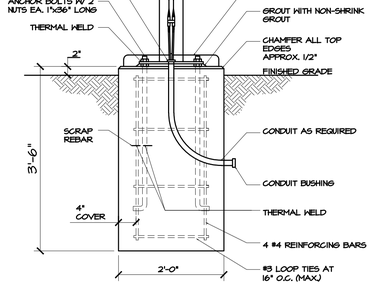
ELECTRICAL ONE LINE DIAGRAM

1. EXISTING PAD MOUNTED TRANSFORMER, 112.5 KVA, 13.2 KV-120/208V., 1PH,STAINLESS STEAL TO REMAIN.
2. METERING CABINET 120/208V,3PH,400 AMPS. W/300 AMP. MAIN BREAKER TO REMAIN.
3. EXISTING MAIN DISTRIBUTION PANELBOARD 400 AMPS,3PH,4W,120/208V TO BE REVAMPED AS FOLLOWS BY CONTRACTOR:
   a. REMOVE ALL EXISTING BREAKERS AND BOLTS.
   b. REPLACE CONTAMINATED TERMINAL LUGS.
   c. CLEAN ENCLOSURE AND BUS BARS.
   d. REPAINT ENCLOSURE WITH ANSI GRAY PAINT.
   e. INSTALL 2-3P-100 AMP. AND 1-2P-60 AMP. BREAKERS FOR EXISTING LOADS.
   f. INSTALL 1-3P-150 AMP. BREAKER FOR NEW "LP".
4. EXISTING PANELBOARD GE BRAND, CONTRACTOR SHALL PERFORM THE FOLLOWING TASKS:
   a. IDENTIFY EXISTING FEEDERS AND BREAKERS NOT IN USE AND REMOVE.
   b. REPLACE CONTAMINATED TERMINAL LUGS.
   c. INSTALL 8-2P-30 AMP., 2-2P-50 AMP., 2-2P-60 AMP AND 1P-20 AMP. BREAKERS FOR EXISTING LOADS. AN ALLOWANCE OF $5,000.00 SHALL BE ALLOCATED FOR THESE WORKS.
5. NEW PANELBOARD, REFER TO SCHEDULE.
6. NEW LIGHTING CONTRACTOR, REFER TO DESCRIPTION.

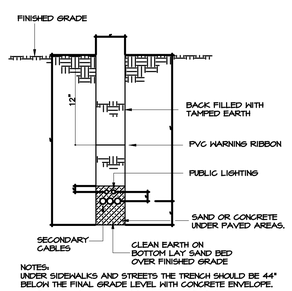
① EXISTING FEEDER TO REMAIN.
② 4 NO.1/0 THHN, 1 NO.6 GND-2" PVC SCH.40.
③ SAME AS ABOVE BUT ADDITIONAL 1-2" SPARE CONDUITS.
④ 4 NO.2 THHN, 1 NO.6 GND-2" PVC SCH.40.



EXCAVATION DETAIL
SECT. "B-B"



LIGHTPOLE BASE DETAIL
N.T.S.



NOTES.
UNDER SIDEWALKS AND STREETS THE TRENCH SHOULD BE 44" BELOW THE FINAL GRADE LEVEL WITH CONCRETE ENVELOPE.

TRENCH AND RELATIVE POSITIONS OF CONDUCTOR

Date:

Issued | Date | Description | Initials

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Tel. 787-764-0000 Fax 787-764-0000 Apdo. 1746 Aguas Buenas, PR 00703

ERBA
ESTUDIO DE ARQUITECTURA
ARQUITECTO
ERNESTO RIVERA BUSCH
LICENCIA NUM. 3,818
ESTE ZÓCALO
ESTUDIO DE ARQUITECTURA
ARQUITECTO
ERNESTO RIVERA BUSCH
LICENCIA NUM. 3,818

Certification:
Yo, **Enrique Figueroa Santos Buch**, Ingeniero Especialista, Licencia Número 23,553, certifico que los planos y las especificaciones complementarias. Estos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto de Construcción Aplicables a las Agencias, Juntas Reglamentadas o Corporaciones Públicas con excepción de las enmiendas, conocida como la "Ley para la Inversión por la Reconstrucción y Desarrollo de Puerto Rico" Ley Núm. 96 de 6 de julio de 1978, según enmendada, Ley Núm. 76 de 5 de julio de 1958, según enmendada, Ley Núm. 84 de 18 de junio de 1970, según enmendada, conocida como la "Ley para la Inversión por la declaración Ilisa o falificación de los hechos que se haya incurrido en violación de cualquiera de las disposiciones de mis agentes o empleados, o por otras personas con mi consentimiento, me hará responsable de cualquier acción judicial y sanciones por OGPe.

Project:
CDBG-DR: 000528
Remodelación Plaza de Recreo y Quinto Centenario
#Site Address1
#Site Address2
Project Info:
Catalo - #SIGISmap
Municipio Autónomo de Catalo
Cadastre: 720-053-008-88
#Client Company
Parcel #: 720-053-008-88
#Client Address1
Project #: 22_022
#Client City | PR
2023-05-02 13:31

Drawing Name:
ELECTRICAL ONE LINE DIAGRAM
& DETAILS

Drawing Scale:
3/32" = 1'-0"
Drawing Status:
DD - Design Development 60%

Layout ID:
E-2.2

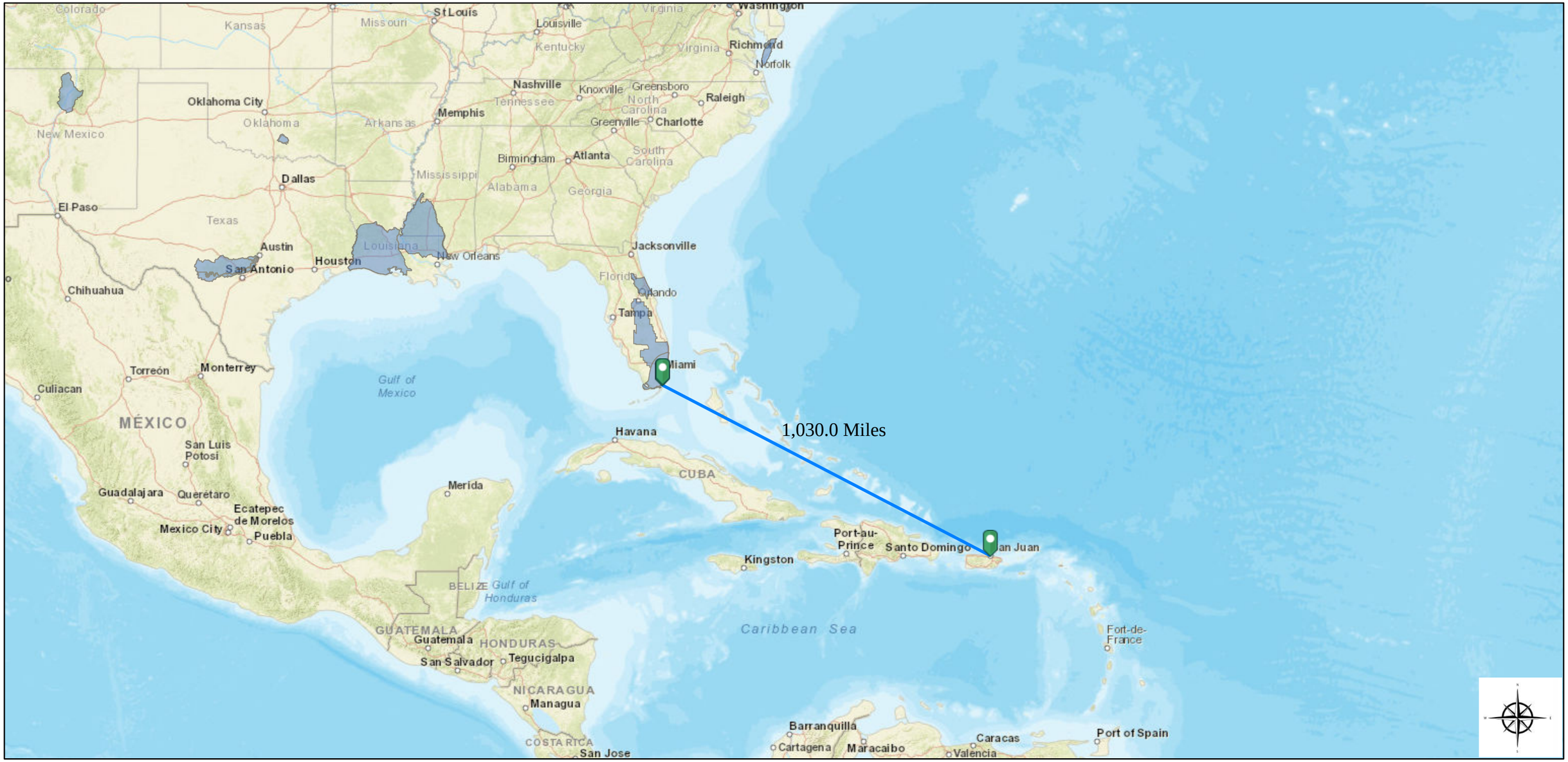
Revision:

Modified by:

Checked by:

Approved by

1.13 Sole Source Aquifer PR-CRP-000488



Sole_Source_Aquifers

City Revitalization Projects Under
Community Development Block Grant-
Disaster Recovery Mejoras Y Reforestation del
Sistema Vial del Centro Urbano
Ave Las Nereidas PR-CRP-000488
Coordinates:18.444023,-66.114208; 18.44118, -66.12201
Address: Las Nereidas Ave. Cataño

1:18,489,298

0 190 380 760 mi

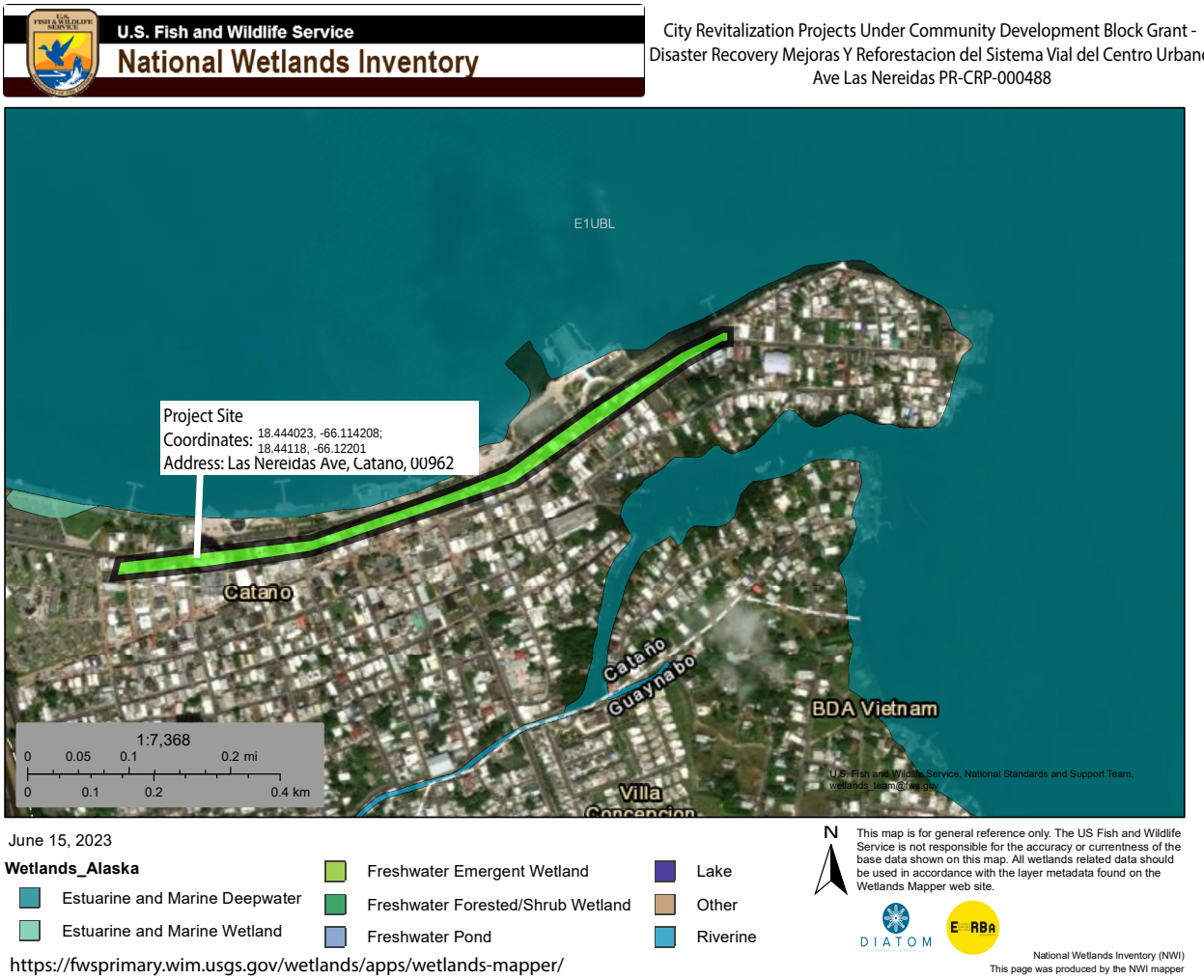
0 300 600 1,200 km

Esri, HERE, Garmin, NGA, USGS

epa.gov/dwssa/map-sole-source-aquifer-locations

U.S. Environmental Protection Agency

1.14 Wetlands Protection PR-CRP-000488



1.15 Wild and Scenic Rivers PR-CRP-000488

