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: GIMNASIO MUNICIPAL (PR-CRP-0001094)

Responsible Entity: Puerto Rico Department of Housing (PRDOH)

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

State/Local Identifier: Puerto Rico/Sabana Grande

Preparer: Javier Vélez-Arocho, Biologist, Diatom Environmental Services, LLC/Sol V Rosa - Tetra Tech

Certifying Officer Name and Title:

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

Consultant (if applicable): Diatom Environmental Services, LLC

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

Project Location: Highway 102 Francisco Mariano Quiñones/People's Sports Complex, Adjacent to Police Headquarters, Pueblo Ward, Sabana Grande, PR 00637, coordinates: 18.078323, -66.963506; property cadaster number 335-046-051-14.

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]**:** The Municipality of Sabana Grande proposes an exterior renovation of the park building that encompasses multiple facets aimed at enhancing both the aesthetic appeal and structural integrity of the designated areas. The project involves the application of high-quality exterior paint to cover a total surface area of 5,100 square feet, spanning 340 linear feet with an average height of 15 feet. Additionally, attention will be directed

towards the restoration of ten aluminum windows, each measuring 2 feet in length and 4 feet in height, which have experienced damage attributable to wind-driven rain and high winds.

In the broader context of surface restoration, the initiative extends to the meticulous repair of lamps, including cleaning and repainting as necessary, as well as addressing any wear or damage to the ribbed ceiling. Specialized treatments will be applied to combat fogging or discoloration on various surfaces, with a particular focus on electrical pipes and wiring, ensuring their functionality and safety. Furthermore, the scope encompasses an examination and repair of bathroom plumbing fixtures and connections within the park building. Material specifications are a critical consideration, emphasizing the use of weather-resistant and durable materials to guarantee the longevity of repairs and minimize future maintenance requirements. A harmonious integration with existing color schemes and architectural features from the urban context is also prioritized.

This gym operates free of charge for its participants and access will remain unchanged after the implementation of the project. Improvements include renovation of bathrooms and dressing areas, provide better ventilation in the exercise areas, increase the general area of the gym, and enhance the internal distribution of the gym to raise the number of participants and make it more comfortable by providing an improved offer of exercises and enjoyment for community residents.

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: $703,084.00

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: $780,828.30

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 The project complies with federal regulations and does not require compliance steps or mitigations.
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 is Regional Airport Eugenio María de Hostos (MAZ) located in Mayagüez, approx. 90,740 feet from the project site. The nearest military airport is Luis Muñoz Marín (SJU) Joint Military Airfield, approx. 357,424 feet from the project site. Since the site is not within an Accident Potential Zone (APZ) or a Runway Protection Zone/Clear Zone (RPZ/CZ), the project is in compliance with Airport Hazards requirements, 24 CFR Part 51 Subpart D. See Attachment 2 for Airports Map. Requirements of 24 CFR Part 51 Subpart D prohibit incompatible land uses on property within runway protection zones, clear zones, and accident potential zones. Projects require additional review if they are within 2,500 feet of a civil airport or 15,000 feet of a military airport. Therefore, this topic complies with Airport Hazards regulation 24 CFR Part 51 Subpart D.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes ☐ No ☒	According to the US Fish and Wildlife Service Coastal Barrier Resources mapping, The Project site is not located in or adjacent to a CBRS Unit. The nearest unit is more than 39,816 feet to the south of the project site. See Attachment 3 for CBRS Map. Thus, the project has no potential impact on CBRS Unit, and it is in compliance with the Coastal Barriers Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501.
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 Zone X unshaded, per Flood Insurance Rate Map 72000C1580J, effective date November 18, 2009. The project is located out of a flood-prone area. Also, the project's proposed action does not require flood insurance. The project is in compliance with Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]. See Attachment 4 for Flood Insurance Rate 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 ☒	According to the U.S. Environmental Protection Agency's (USEPA) Online Green Book, the municipality of SABANA GRANDE is outside of "non-attainment areas", as per data obtained on July 31, 2023. There will be no increase of emissions due to population density increase or the construction of facilities that may generate emissions. The project does not include new construction or conversion of land use facilitating the development of public, commercial, or industrial facilities or five or more dwelling units. The project

		would continue to be used as a public gym. The proposed activities may result in temporary unwanted dust, incidental to construction activities. Due to the scale of activities, this can be assumed to be below de minimis levels, and the project does not constitute a major source of air pollution. The project is in compliance with the Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93. See Attachments 5.1 & 5.2 for Clean Air Map and Air Quality/Puerto Rico Nonattainment/Maintenance Status Map & Maintenance Status.
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes ☐ No ☒	The Project site is not located in a Coastal Zone, it is about 33,398.52 feet north from the CZ as established by the PRPB. 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. The marine component of the coastal zone three (3) nautical leagues (9 nautical miles or 10.35 statute miles), the ocean floor below them as well as all the islands and keys within the territorial waters. The proposed project does not affect a coastal zone as defined in the Coastal Zone Management Document. This project complies with the Coastal Zone Management Act Act, sections 307(c) & (d) without further evaluation. See Attachment 6 for CZMA Map. https://www.drna.pr.gov/historico/oficinas/arn/recursosvivientes/costasreservasrefugios/pmzc/pmzc/pmzc2009/PMZCPR%20espanol%202009-final.pdf.
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes ☐ No ☒	The proposed action will occur on existing building, built over 40 years ago. An initial visual field inspection was conducted on June 9, 2023. The NEPAssist Website was used to identify known EPA Facilities that may be sources of contamination within a one-mile radius. A review of U.S. Environmental Protection Agency (EPA) databases, including Resource Conservation and Recovery Act Information, air pollution data, National Pollutant Discharge Elimination System, Toxics Release Inventory, Superfund Enterprise Management System, Brownfields Assessment, Cleanup and Redevelopment Exchange System, and Toxic Substances Control Act was undertaken to determine if any sites of concern were located within an approximate 3,000-feet radius of the project site. There are records of nine (9) sites within the search radius. Some of them are identified to be adjacent or very near to the project site. These are

		mostly Hazardous Waste generators, some facilities with what are considered Toxic Release, and Water discharges, including the municipality itself. There is a record of a toxic release from a chemical plant located approximately 1.0 miles (5,280) southeast of the site. There are no sites in the Superfund National Priorities or CERCLA List, no landfills or other sites that could affect the project development or proposed use. The Guanajibo River located 3 miles southeast of the proposed site is on the 303(d) list for impaired waters. According to data from the EPA's Enforcement and Compliance History Online (ECHO). Since the activities associated with the proposed project will not require use of the river water, nor will the activities require dewatering or continuous discharges to the stormwater system, the surface water body is not a concern for the development of the project. None of the identified sites within the one-mile radius are of concern for the development or proposed use of the project. Also, the project does not propose development, construction, or rehabilitation that will increase residential densities. Thus, no further analysis is required. There are no RECs on the subject property. Asbestos assessment was conducted in the proposed project site on January 11th, 2024. It wasn't identified asbestos-containing material SACM, hence no bulk samples were collected. Lead-Based Paint (LBP) assessment was conducted in the proposed project site. Refer to LBP certification dated on January 11th, 2024, stating no presence of LBP material in areas to be demolished. HUD issued Notice CPD-23-103 on January 11, 2024, regarding Departmental Policy for Addressing Radon in the Environmental Review Process. The Notice intends to clarify that radon must be considered in the Environmental Review analysis for all HUD funded projects. The recommended best practices and alternative options for radon testing are infeasible and impracticable in this case due to the reasons listed within the Radon Memorandum and associated agency correspondence found in Attachment 7.5. 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 abovementioned reasons, Radon testing is infeasible and impracticable for this property, and no further consideration of Radon is needed for the environmental review. See Attachment 7 for Contamination and Toxic Substances Map, ECHO Detailed Facilities Reports, ACM Report, LBP Report and Technical Memo Justification for the Infeasibility. There would be no increase in risk associated with the proposed project. Therefore, the project is in compliance with the Contamination and Toxic Substances requirements, 24 CFR Part 50.3(i) & 58.5(i)(2).
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes ☐ No ☒	Per the Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website, the Puerto Rican Boa can be found but there are no critical habitats at this location. Project will have no potential to affect species or habitats due to the nature of the activities involved in the project. If a Puerto Rican Boa (Chilabhotrus inornatus) is encountered, work will cease until it moves off the site or, failing that, the PR Department of Natural & Environmental Resources (DNER) will be notified to relocate the Boa. There will be no impact to the habitat of these species. The nearest critical habitat is 9,070 ft from the proposed site. Project will have no potential to affect species or habitats due to the nature of the activities involved in the project and qualified under blanket clearance letter signed by USFWLS on February 6th, 2024. See Attachment 8.1 for USFWL Self-Certification and Attachment 8.2 for Critical Habitat Map showing the distance to the nearest critical habitat. The project is in compliance with the Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402.
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes ☐ No ☒	While the project will provide access and improve transit and livability, the project does not involve the development, construction, or rehabilitation that will increase residential density or conversion. There will be no emergency power generators or fuel storage. Examination of aerial views and street views show no above ground storage tanks within the acceptable separation distance that would not be blocked by intervening public infrastructure. Thus, the project is in

		compliance with explosive and flammable hazard requirements, 24 CFR Part 51 Subpart C. See Attachment 9.1 for Explosive and Flammable Hazards Map & Attachment 9.2 for Field Visit Checklist & Site Evaluation report conducted by Diatom Environmental Services on June 9, 2023.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes ☐ No ☒	This project does not include any activities that could potentially convert farmland to non-farmland use. According to the Natural Resources Conservation Service, the project is in urban lands classified as "Non-Prime farmlands". The project complies with Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658. https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm. See Attachment 10 for Farmlands Protection Map.
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes ☐ No ☒	The proposed project is located outside the Federal Flood Risk Management Standard (FFRMS) floodplain. The extent of the FFRMS floodplain was determined using the 500-year floodplain as indicated on the ABFE Map. See Attachment 11 for Floodplain Management Map. According to the ABFE map, revised on December 11, 2018, the project site is situated in a Zone X Unshaded, non-flood hazard area. The project is compliance with the Executive Order 11988, as amended by Executive Order 13690.
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes ☒ No ☐	Consultation with the SHPO regarding the Department of Housing of Puerto Rico (PRDOH) Program was initiated December 22, 2023, with a letter indicating that 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. On January 10, 2024, SHPO concurred that the proposed project will have no adverse effect upon historic properties. See Attachment 12 for Historic Preservation supporting documentation. Therefore, the proposed action complies with National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800.
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 ☒	This project does not involve new construction for residential use, nor does it involve rehabilitation of an existing residential property. This project consists of the rehabilitation of an existing non-residential facility. The noise that will be produced during construction is generated by the operation of construction equipment. All equipment and machinery will have noise dampers

		maintained in accordance with manufacturer's recommendations to control noise generation. Construction activities will be carried out during the day and have minimal impacts on the neighboring community. The noise levels attributable to construction activities will be temporary in nature and is not expected to exceed 65 dBA. The project does not require further evaluation under HUD's noise regulation. Therefore, the project complies with the regulation. 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 13 for Sole Source Aquifers 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 a riverine wetland 265 ft away the south limits of the project site. The proposed activities will not cause adverse temporary or permanent impact to the riverine wetland. This project complies with wetland protection regulations. See Attachment 14 for Wetlands 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 are located in the boundary between the municipalities of Rio Grande and Luquillo and in Naguabo. The proposed project is located approximately 414,065 feet away from the project site, therefore, there will be no impact to Wild and Scenic Rivers and complies with Wild and Scenic rivers Act of 1968. See Attachment 15 for Wild and Scenic Rivers Map.
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes ☐ No ☒	The project will all populations in the project area, specially benefit low- and moderate-income communities by providing sport facilities to the population of Sabana Grande at a rehabilitated facility that could not be used without the project because of flood damage. 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)**:** Diatom Environmental Services on June 9, 2023. Refer to Attachment 9.2 Field Visit Checklist & Site Evaluation.

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
Endangered Species	If a Puerto Rican Boa is encountered during the construction of the proposed project, the following measures will be taken to ensure its protection: • Immediate Cessation of Work: Construction activities in the immediate vicinity of the boa will cease immediately to avoid any harm to the animal. • Observation and Safe Passage: Workers will observe the boa from a safe distance and allow it to move off the site on its own, ensuring that it is not disturbed or stressed. • Notification of Authorities: If the boa does not move off the site on its own, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers will be notified for the safe capture and relocation of the animal. • Compliance with Guidelines: All actions will be conducted in accordance with the US Fish and Wildlife Service (USFWS) Puerto Rican Boa Conservation Measures guidelines and the Amended Programmatic Biological Opinion dated July 27, 2023. These guidelines provide detailed procedures for handling and protecting the boa to ensure its safety and conservation.
Historic Preservation	SHPO concluded that implementation of the undertaking will have no adverse effect pursuant archaeological monitoring to be conducted during all ground monitoring activities. SHPO will be notified immediately should other historic properties be discovered at any point during project implementation
Hazards and Nuisances including Site Safety and Noise	To address hazards and nuisances, including site safety and noise, it will be implemented comprehensive measures:

	Noise Management: • Regulations Compliance: All construction activities will adhere to local noise regulations to minimize disturbance to nearby residents and businesses. • Equipment Maintenance: Regular maintenance of construction equipment will be conducted to ensure it operates efficiently and quietly, reducing noise pollution. • Scheduling: Noisy operations will be scheduled during daytime hours to minimize disruption to the community. Site Safety: • Construction Fencing: Temporary fencing will be erected around the construction site to prevent unauthorized access and protect the public from potential hazards. • Signage: Clear and informative signage will be placed at key locations around the construction site to warn the public of potential dangers and guide them safely around the area. Signs will include details about ongoing activities, potential risks, and contact information for project managers. • Dust and Debris Control: Measures will be taken to control dust and debris, including regular watering of exposed soil surfaces and prompt removal of construction debris to designated disposal areas.
Solid Waste Disposal / Recycling	A comprehensive solid waste management plan will be developed and implemented for the project. This plan will ensure that all construction-related waste, including potentially hazardous materials, is handled, and disposed of properly. Key elements of the plan include: • Segregation and Recycling: Materials will be sorted on-site to separate recyclable items such as metals, wood, and concrete from non-recyclable waste. • Hazardous Waste Management: All hazardous waste will be identified, handled, and disposed of according to local, state, and federal regulations to prevent environmental contamination. • Waste Minimization: Efforts will be made to reduce waste generation through efficient use of materials and on-site recycling practices. Capacity Management: Waste disposal will be coordinated to ensure that the daily capacities of landfills and other solid waste facilities are not exceeded, maintaining compliance with environmental regulations.
State permits	Will be requested before the start of work.

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: **December 6th, 2024**

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

Certifying Officer Signature:  Date: December 10, 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

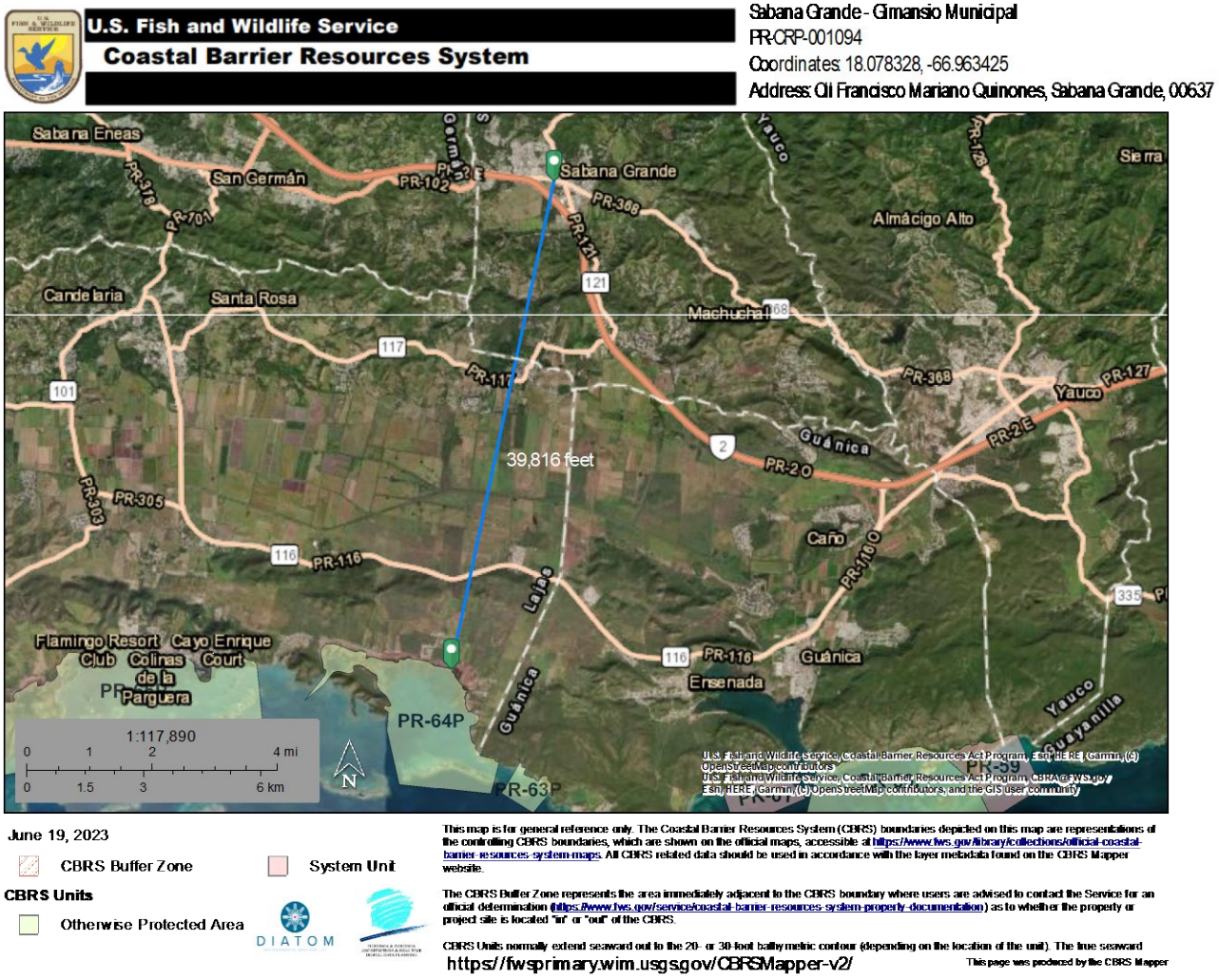
1	Location Map
2	Airport Hazards Map
3	Coastal Barriers Resources Map
4	Flood Insurance Map
5	Clean Air
6	Coastal Zone Management
7	Contamination and Toxic Substances
7.1	Contamination and Toxic Substances Map
7.2	ECHO Detailed Facility Reports
7.3	ACM Assessment Report
7.4	LBP Assessment Report
7.5	Memo for Justification for the Infeasibility and Impracticability of Radon Testing
8	Endangered Species
8.1	USFWL Self-Certification
8.2	Critical Habitat Map
9	Explosive and Flammable Hazards
9.1	Explosive and Flammable Hazards Map
9.2	Field Visit Checklist & Site Evaluation Report
10	Farmlands Protection
11	Flood Plain Management
12	Historic Preservation
13	Sole Source Aquifer Map
14	Wetlands Protection Map
15	Wild and Scenic Rivers Map

Attachment 1 Location Map

Figure 1 Site Location

Attachment 2 Airport Hazards

Attachment 3 Coastal Barrier Resources System Map



June 19, 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.

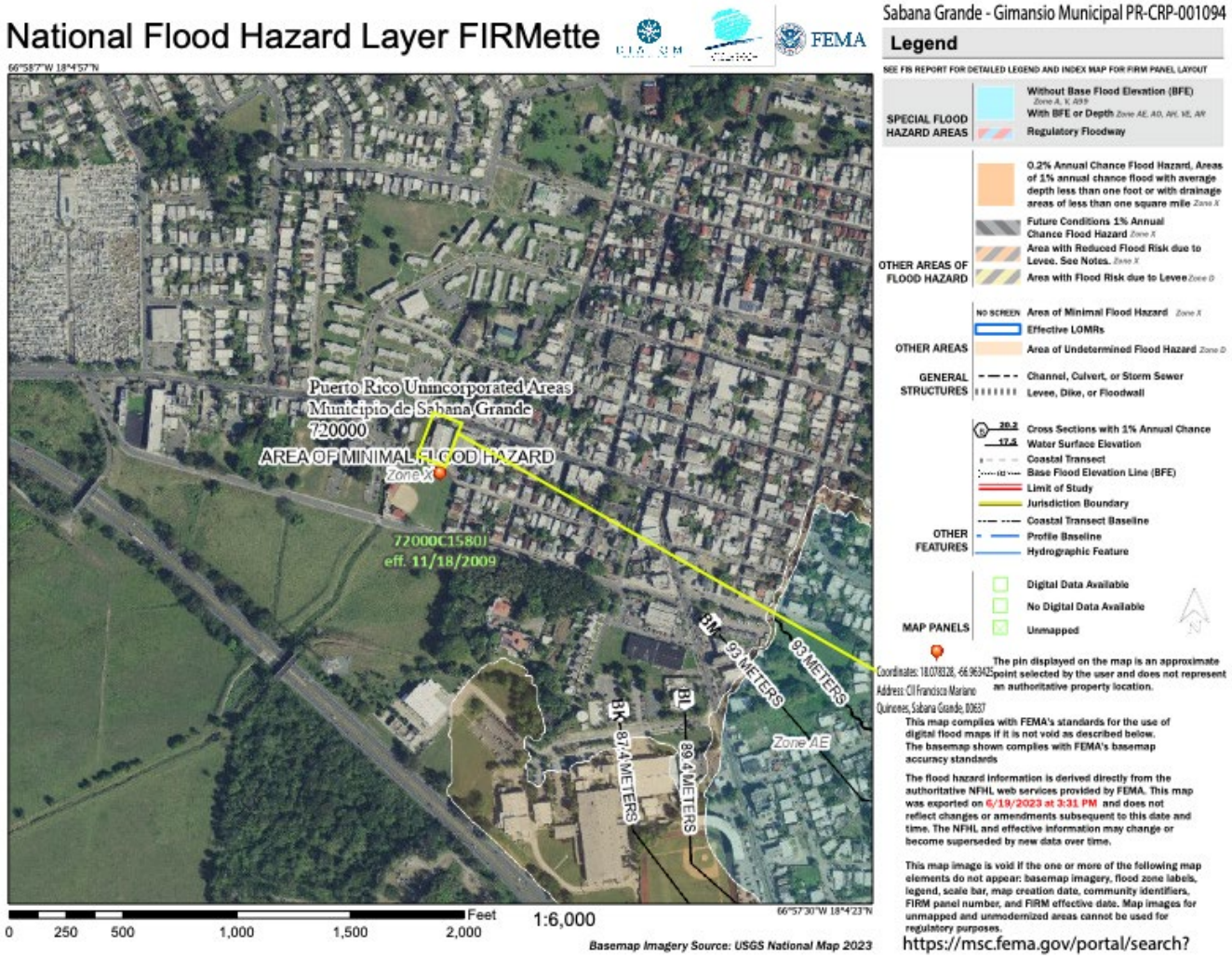
The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation) as to whether the property or project site is located "in"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

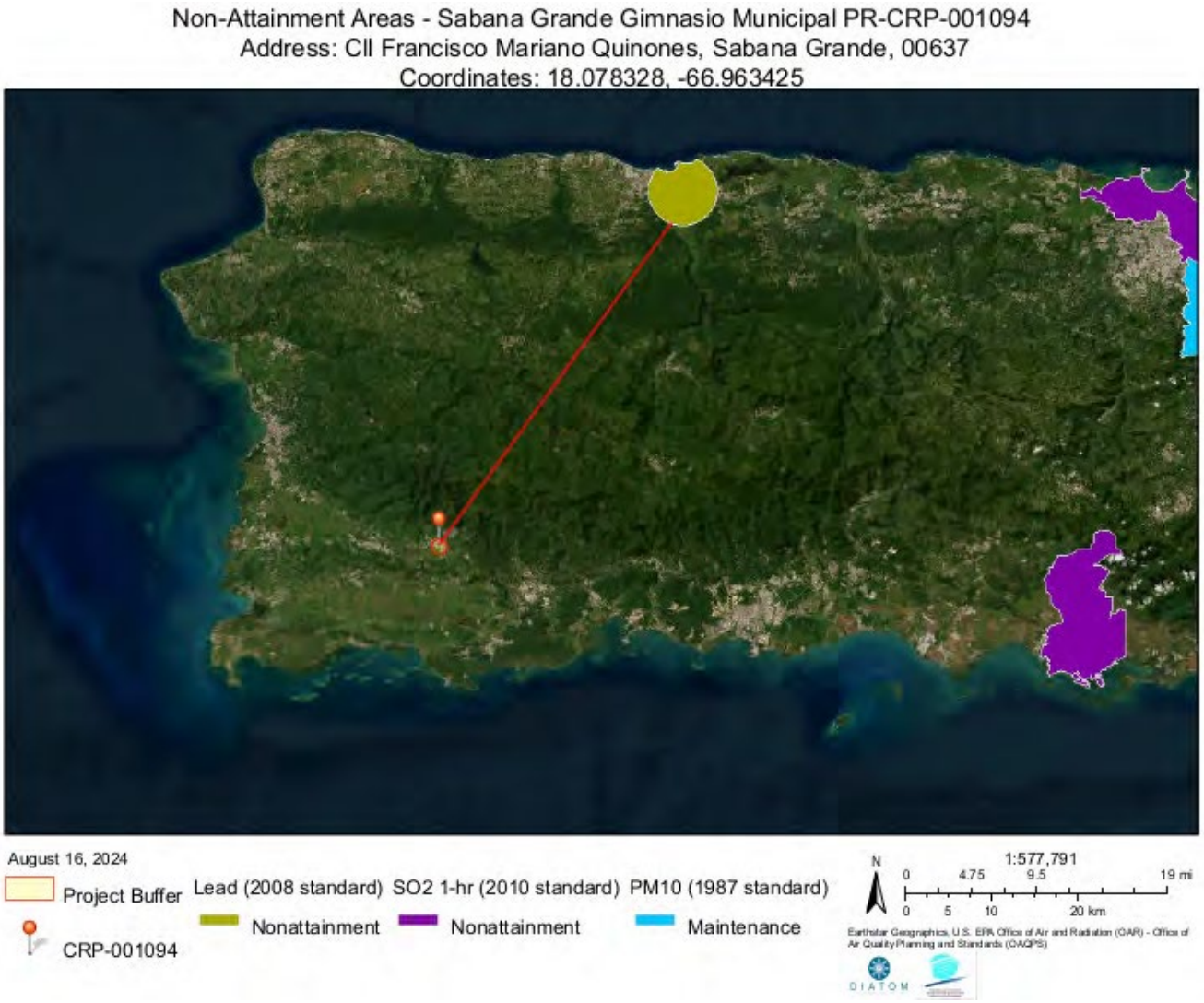
This page was produced by the CBRS Mapper

Attachment 4 Flood Insurance Map



Attachment 5 Air Quality

Attachment 5.1 Air Quality / Puerto Rico Nonattainment/Maintenance Status Map



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

Data is current as of June 30, 2024

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

* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m^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

Attachment 6 Coastal Zone Management Map

Puerto Rico Coastal Vulnerability Viewer

PR-CRP-001094 Gimnasio Municipal
Highway 102 Francisco Mariano Quiñones/People's Sports Complex, Adjacent to Police Headquarters, Pueblo Ward, Sabana Grande, PR 00637
Coordinates:18.078323, -66.963506

Legend:

Project Site

Coastal Zone Land Boundary

1:184,307

0 1.5 3 6 mi

0 2.25 4.5 9 km

Esri, HERE, Garmin, Earthstar Geographics

12/6/2024

https://www.arcgis.com/apps/mapviewer/index.html?webmap=1d0eff6661f340dcabb0e9928d01ec57

Attachment 7 Contamination and Toxic Substances

Attachment 7.1 Contamination and Toxic Substances Map

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

Attachment 7.2 ECHO Detailed Facility Reports

Detailed Facility Report

Facility Summary

HENKEL PUERTO RICO INC

9 V QUILINCHINI AVE, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110000307793

EPA Region: 02

Latitude: 18.071036

Longitude: -66.960911

Locational Data Source: TRIS

Industries: Chemical Manufacturing

Indian Country: N

Enforcement and Compliance Summary

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

Statute	EPCRA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	08/25/2023
Compliance Status	--
Qtrs in Noncompliance (of 12)	--
Qtrs with Significant Violation	--
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	06/27/2019
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	TSCA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	08/25/2023
Compliance Status	--
Qtrs in Noncompliance (of 12)	--
Qtrs with Significant Violation	--
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): Operating Minor (PR0000007212170024)

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other, (PRD982274383), Active LQG, (PRD090506239)

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): 00747LCTTPNO9VQ

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		110000307793					N	18.071036	-66.960911
ICIS-Air	CAA	PR0000007212170024	Minor Emissions	Operating	CAANSPS, CAANSR, CAASIP		N	18.073028	-66.961278
TRI	EP313	00747LCTTPNO9VQ	Toxics Release Inventory	Last Reported for 2022			N	18.071036	-66.960911
RCRAInfo	RCRA	PRD982274383	Other	Inactive ( )			N		
RCRAInfo	RCRA	PRD090506239	LQG	Active (H)			N	18.075633	-66.961631
TSCA	TSCA	TSCA6425					N		
TSCA	TSCA	200002765					N		
TSCA	TSCA	100606311					N		
TSCA	TSCA	200002225					N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110000307793	HENKEL PUERTO RICO INC	9 V QUILINCHINI AVE, SABANA GRANDE, PR 00637	Sabana Grande Municipio
ICIS-Air	CAA	PR0000007212170024	HENKEL PUERTO RICO (SABANA GRANDE)	GUILINCHINI #9, SABANA GRANDE, PR 00708	Sabana Grande Municipio
TRI	EP313	00747LCTTPNO9VQ	HENKEL PUERTO RICO INC	QUILICHINI AVE # 9, SABANA GRANDE, PR 00637	Sabana Grande Municipio

System	Statute	Identifier	Facility Name	Facility Address	Facility County
RCRAInfo	RCRA	PRD982274383	LOCTITE PUERTO RICO INC	ROAD 121 KM 0.3, SABANA GRANDE, PR 00747	Sabana Grande Municipio
RCRAInfo	RCRA	PRD090506239	HENKEL PUERTO RICO INC	9 VICENTE QUILICHINI AVENUE, SABANA GRANDE, PR 00637	Sabana Grande Municipio
TSCA	TSCA	TSCA6425	HENKEL PUERTO RICO INC	9 V. QUILINCHINI AVENUE, SABANA GRANDE, PR 637	
TSCA	TSCA	200002765	LOCTITE CORPORATION PUERTO RICO INC.	9 V. QUILINCHINI AVENUE, SABANA GRANDE, PR 00637	
TSCA	TSCA	100606311	HENKEL PUERTO RICO INC	9 V. QUILINCHINI AVENUE, SABANA GRANDE, PR 00637	
TSCA	TSCA	200002225	LOCTITE PUERTO RICO, INC.	9 V. QUILLINCHINI AVENUE, SABANA GRANDE, PR 00637	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PR0000007212170024	2891	Adhesives And Sealants

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	00747LCTTPNO9VQ	325520	Adhesive Manufacturing
ICIS-Air	PR0000007212170024	325520	Adhesive Manufacturing
RCRAInfo	PRD090506239	325520	Adhesive Manufacturing

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

RCRA (Hazardous Waste (Resource Conservation and Recovery Act) Compliance Pipeline (Compliance Monitoring >> Violations >> Enforcement Actions) (10 Years)

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

No data records returned

There are no relationships to display in the RCRA Compliance Pipeline table for this facility. Scroll down to view compliance monitoring history.

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	*PR0000007212170024*	*ICIS-Air*	*Inspection/Evaluation*	*PCE On-Site*	*EPA*	*02/01/2024*	
EPCRA	00747LCTTPNO9VQ	ICIS	Inspection/Evaluation	Late/Non Reporter	EPA	08/25/2023	
TSCA	200002225	ICIS	Inspection/Evaluation	Exemption, Export, Import, Inventory Rule, Premanufacture Notice, Records, Significant New Use Rule	EPA	08/25/2023	

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	PR0000007212170024	No	06/29/2024	0	06/28/2024
RCRA	PRD982274383	No	06/29/2024	0	06/28/2024
RCRA	PRD090506239	No	06/29/2024	0	06/28/2024

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+
CAA (Source ID: PR0000007212170024)		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
	HPV History												
	Violation Type / Agency / Programs / Pollutants												

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PRD090506239)		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												
RCRA (Source ID: PRD982274383)		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	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Acrylic acid	--	--	--	A	A	A	--	A	A	A
Cumene hydroperoxide	--	--	--	A	A	A	--	--	A	A
Diisocyanates	A	A	A	A	A	A	A	A	--	--
Toluene diisocyanate (mixed isomers)	--	--	--	--	--	--	A	A	A	A
Toluene-2,4-diisocyanate	A	A	A	A	A	A	--	--	--	--

e-Manifest Hazardous Waste History (Public)

Hazardous Waste Shipped in Kilograms by Year (Through 3/30/2024)

Source ID	Waste Description	2021	2022	2023	2024
PRD090506239	Hazardous Waste	18,842	18,668	45,276	--
PRD090506239	Acute Hazardous Waste	0	0	0	--
PRD090506239	Pharmaceutical Hazardous Waste	0	0	0	--

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

Community

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type: Supplemental (default)

Related Reports

EJScreen Community Report

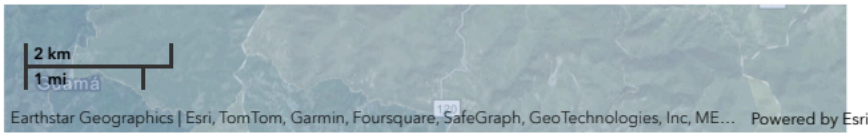
Download Data

Census Block Group ID: 721219607002	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	**4**	**5**	**6**	**0**	**0**	**3**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	5	4	5	39	40	50
Air Toxics Cancer Risk	53	35	55	73	0	89
Air Toxics Respiratory Hazard Index	37	36	39	73	68	89
Toxic Releases to Air	77	78	84	10	10	14
Traffic Proximity	! 96	! 99	! 99	63	81	! 97
Lead Paint	88	89	! 97	54	58	82
Risk Management Plan (RMP) Facility Proximity	41	47	54	3	5	6
Hazardous Waste Proximity	! 97	! 98	! 99	73	84	! 96
Superfund Proximity	! 99	! 99	! 99	82	77	87
Underground Storage Tanks (UST)	0	! 93	! 99	0	69	! 94
Wastewater Discharge	! 98	! 98	! 99	54	55	85

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	6,666
Population Density	2,175/sq.mi.
Housing Units in Area	3,120

General Statistics (ACS (American Community Survey))	
Total Persons	6,154
Percent People of Color	99%
Households in Area	1,907
Households on Public Assistance	136
Persons With Low Income	4,536
Percent With Low Income	74%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.071036
Center Longitude	-66.960911
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	814 (42.66%)
$15,000 - $25,000	345 (18.08%)
$25,000 - $50,000	447 (23.43%)
$50,000 - $75,000	190 (9.96%)
Greater than $75,000	112 (5.87%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	423 (6%)
Minors 17 years and younger	1,575 (24%)
Adults 18 years and older	5,091 (76%)
Seniors 65 years and older	1,466 (22%)

Race Breakdown (U.S. Census) - Persons (%)	
White	5,896 (88%)
African-American	331 (5%)
Hispanic-Origin	6,640 (100%)
Asian/Pacific Islander	8 (0%)
American Indian	37 (1%)
Other/Multiracial	394 (6%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	730 (17.04%)
9th through 12th Grade	344 (8.03%)
High School Diploma	1,402 (32.72%)
Some College/2-year	380 (8.87%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,026 (23.94%)

Detailed Facility Report

Facility Summary

HENKEL PUERTO RICO INC

9 AVE QUILINCHINI, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110069454897

EPA Region: 02

Latitude: 18.0745

Longitude: -66.9624

Locational Data Source: NPDES

Industries: Chemical Manufacturing

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	--
Qtrs in Noncompliance (of 12)	--
Qtrs with Significant Violation	--
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	**CWA**
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	Significant/Category I Noncompliance
Qtrs in Noncompliance (of 12)	12
Qtrs with Significant Violation	12
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Effective (PRR053206)

Other Regulatory Reports

Air Emissions Inventory (EIS): 21267011

Greenhouse Gas Emissions (eGGRT): No Information

Resource Conservation and Recovery Act (RCRA): 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		110069454897					N	18.0745	-66.9624
EIS	CAA	21267011					N		
ICIS-NPDES	CWA	PRR053206	Non-Major: General Permit Covered Facility	Effective	Industrial Stormwater	02/28/2026	N	18.0745	-66.9624
TSCA	TSCA	TSCA121965					N	18.07491	-66.9612

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110069454897	HENKEL PUERTO RICO INC	9 AVE QUILINCHINI, SABANA GRANDE, PR 00637	Sabana Grande Municipio
EIS	CAA	21267011	HENKEL PUERTO RICO INC	#9 AVE. QUILINCHINI, SABANA GRANDE, PR 00637	Sabana Grande Municipio
ICIS-NPDES	CWA	PRR053206	HENKEL PUERTO RICO, INC.	NO. 9 VICENTE QUILINCHINI AVENUE, SABANA GRANDE, PR 00637	Sabana Grande Municipio
TSCA	TSCA	TSCA121965	HENKEL SABANA GRANDE	QUILINCHINI AVENUE 9, SABANA GRANDE, PR 00637	Sabana Grande Municipio

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PRR053206	2891	Adhesives And Sealants

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
EIS	21267011	325520	Adhesive Manufacturing

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description

No data records returned

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR053206	Yes	03/31/2024	12	06/28/2024

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
CWA (Source ID: PRR053206)		04/01-06/30/21	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/
	Facility-Level Status	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Cate I Noncompliar
	Quarterly Noncompliance Report History	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Rep DMR - Not Recei
	Late or Missing Discharge Monitoring Report (DMR) Measurements									
	Counts of Missing DMR Measurements		28	28	28	62	28	28	28	62

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?
210100030409	Rio Guanajibo at mouth	GUANAJIBO RIVER	No	No	Chemical Oxygen Demand (COD) | Chromium, hexavalent (as Cr) | Enterococci | Oxygen, dissolved (DO) | Phosphorus, total (as P)	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
PR	2022	PRWR77A	RIO GUANAJIBO	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY) | NUTRIENTS | ORGANIC ENRICHMENT/OXYGEN DEPLETION | PATHOGENS	Not Supporting	Not Supporting	--	Not Supporting	--

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

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

DMR and TRI Multi-Year Loading Report

NPDES ID	Description

No data records returned

Community

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

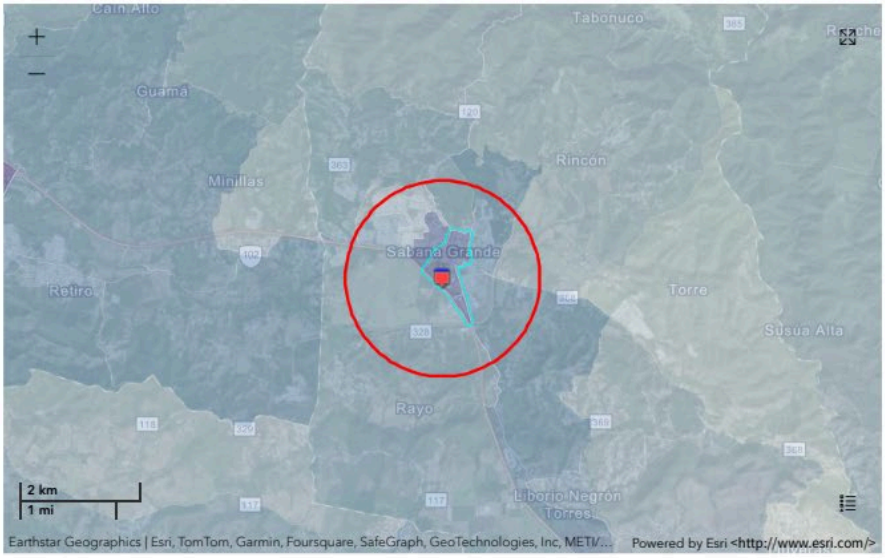
Download Data

Census Block Group ID: 721219605001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	**6**	**4**	**6**	**3**	**0**	**3**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	5	4	5	50	38	50
Air Toxics Cancer Risk	55	53	55	89	58	89
Air Toxics Respiratory Hazard Index	39	35	39	89	59	89
Toxic Releases to Air	84	75	84	12	10	14
Traffic Proximity	99	98	99	97	71	97
Lead Paint	97	80	97	82	44	82
Risk Management Plan (RMP) Facility Proximity	54	45	54	6	5	6
Hazardous Waste Proximity	99	97	99	96	79	96
Superfund Proximity	99	99	99	87	75	87
Underground Storage Tanks (UST)	99	84	99	94	62	94
Wastewater Discharge	99	97	99	80	48	85

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	8,697
Population Density	2,783/sq.mi.
Housing Units in Area	3,876

General Statistics (ACS (American Community Survey))	
Total Persons	8,676
Percent People of Color	100%
Households in Area	2,638
Households on Public Assistance	178
Persons With Low Income	6,225
Percent With Low Income	72%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.0745
Center Longitude	-66.9624
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	1,026 (38.89%)
$15,000 - $25,000	459 (17.4%)
$25,000 - $50,000	656 (24.87%)
$50,000 - $75,000	334 (12.66%)
Greater than $75,000	163 (6.18%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	574 (7%)
Minors 17 years and younger	2,190 (25%)
Adults 18 years and older	6,507 (75%)
Seniors 65 years and older	1,624 (19%)

Race Breakdown (U.S. Census) - Persons (%)	
White	7,659 (88%)
African-American	449 (5%)
Hispanic-Origin	8,657 (100%)
Asian/Pacific Islander	8 (0%)
American Indian	45 (1%)
Other/Multiracial	536 (6%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	830 (14.43%)
9th through 12th Grade	421 (7.32%)
High School Diploma	1,798 (31.26%)
Some College/2-year	516 (8.97%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,554 (27.02%)

Detailed Facility Report

Facility Summary

TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 104302

AVE QUILINCHINI #26, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110042423945

EPA Region: 02

Latitude: 18.075385

Longitude: -66.961826

Locational Data Source: RCRAINFO

Industries: Gasoline Stations

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000023069)

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		110042423945					N	18.075385	-66.961826
RCRAInfo	RCRA	PRR000023069	VSQG	Active (H)			N	18.075385	-66.961826

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110042423945	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 104302	AVE QUILINCHINI #26, SABANA GRANDE, PR 00637	Sabana Grande Municipio
RCRAInfo	RCRA	PRR000023069	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 104302	AVE QUILINCHINI #26, SABANA GRANDE, PR 00637	Sabana Grande 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	PRR000023069	44711	Gasoline Stations with Convenience Stores
RCRAInfo	PRR000023069	44719	Other Gasoline Stations

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000023069	No	06/29/2024	0	06/28/2024

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: PRR000023069)			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	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Environmental Justice

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

Potential Environmental Justice Concerns

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

EJScreen Indexes Shown

Index Type: Supplemental (default)

Related Reports

EJScreen Community Report

Download Data

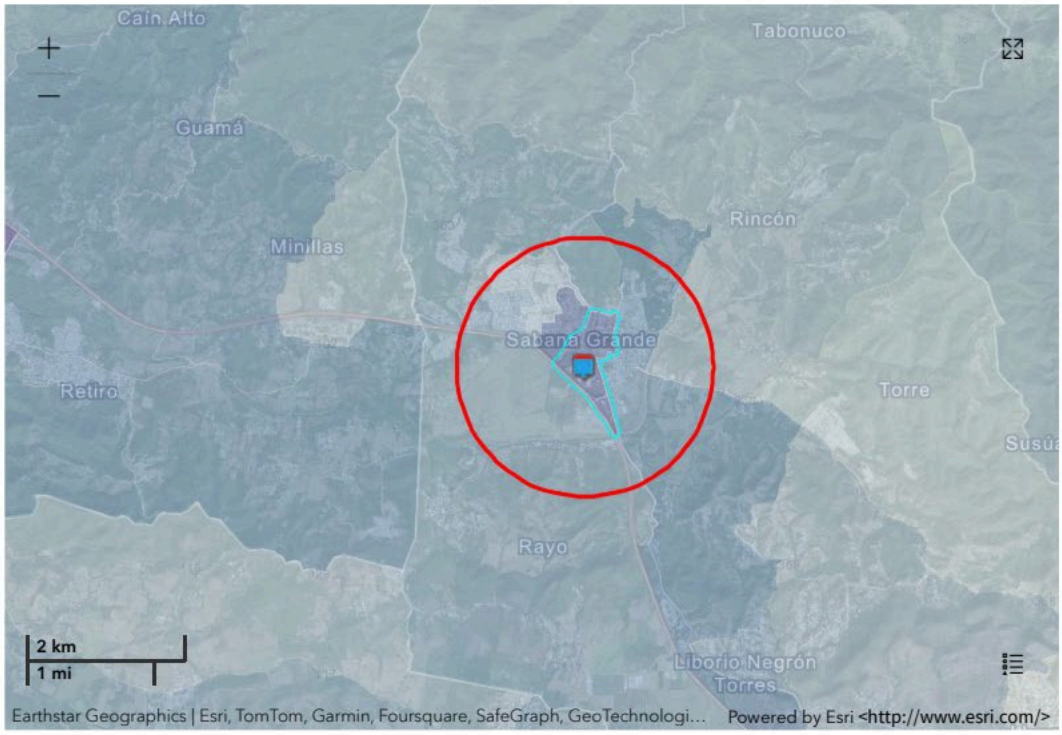
Census Block Group ID: 721219605001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	**6**	**4**	**6**	**3**	**0**	**3**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	5	4	5	50	38	50
Air Toxics Cancer Risk	55	53	55	89	58	89
Air Toxics Respiratory Hazard Index	39	35	39	89	59	89
Toxic Releases to Air	84	75	84	12	10	14

Census Block Group ID: 721219605001	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
Traffic Proximity	99	98	99	97	70	97
Lead Paint	97	80	97	82	43	82
Risk Management Plan (RMP) Facility Proximity	54	45	54	6	5	6
Hazardous Waste Proximity	99	97	99	96	79	96
Superfund Proximity	99	99	99	87	74	87
Underground Storage Tanks (UST)	99	84	99	94	63	94
Wastewater Discharge	99	97	99	80	47	85

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	8,883
Population Density	2,755/sq.mi.
Housing Units in Area	3,950

General Statistics (ACS (American Community Survey))	
Total Persons	8,951
Percent People of Color	100%
Households in Area	2,719
Households on Public Assistance	184
Persons With Low Income	6,415
Percent With Low Income	72%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.075385
Center Longitude	-66.961826
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	1,052 (38.69%)
$15,000 - $25,000	476 (17.51%)
$25,000 - $50,000	674 (24.79%)
$50,000 - $75,000	349 (12.84%)
Greater than $75,000	168 (6.18%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	589 (7%)
Minors 17 years and younger	2,243 (25%)
Adults 18 years and older	6,640 (75%)
Seniors 65 years and older	1,640 (18%)

Race Breakdown (U.S. Census) - Persons (%)	
White	7,821 (88%)
African-American	455 (5%)
Hispanic-Origin	8,841 (100%)
Asian/Pacific Islander	8 (0%)
American Indian	45 (1%)
Other/Multiracial	553 (6%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	842 (14.22%)
9th through 12th Grade	424 (7.16%)
High School Diploma	1,855 (31.33%)
Some College/2-year	532 (8.98%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,611 (27.21%)

Detailed Facility Report

Facility Summary

ESSO STANDARD OIL CO PR CO-370

PR-121 65TH INFANTERIA 7, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110004895105

EPA Region: 02

Latitude: 18.076339

Longitude: -66.960406

Locational Data Source: RCRAINFO

Industries: --

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000011395)

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		110004895105					N	18.076339	-66.960406
ICIS		600006855					N	18.074167	-66.96
RCRAInfo	RCRA	PRR000011395	VSQG	Active (H)			N	18.076339	-66.960406

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004895105	ESSO STANDARD OIL CO PR CO-370	PR-121 65TH INFANTERIA 7, SABANA GRANDE, PR 00637	Sabana Grande Municipio
ICIS		600006855	ESSO S/S CO-370	65 INF., CARR. 121, SABANA GRANDE, PR 00637	Sabana Grande Municipio
RCRAInfo	RCRA	PRR000011395	ESSO STANDARD OIL CO PR CO-370	CARR 121 65TH INFANTERIA 7, SABANA GRANDE, PR 00637	Sabana Grande 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	PRR000011395	No	06/29/2024	0	06/28/2024

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: PRR000011395)			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	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Environmental Justice

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

Potential Environmental Justice Concerns

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

EJScreen Indexes Shown

Index Type: Supplemental (default)

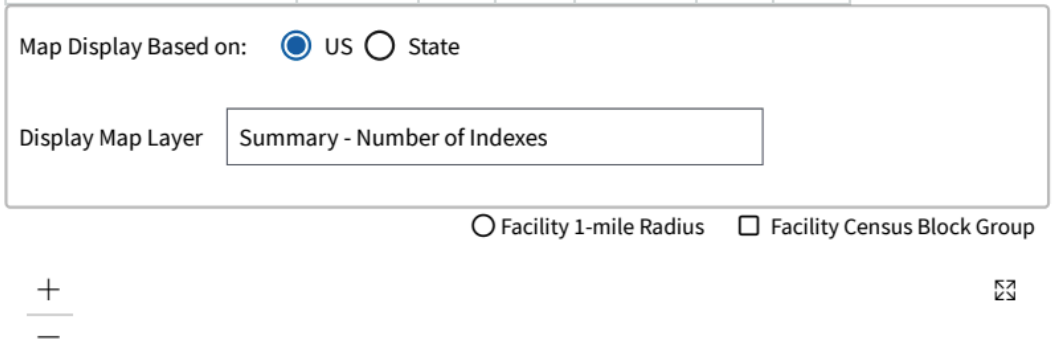
Related Reports

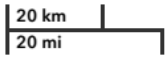
EJScreen Community Report

Download Data

Census Block Group ID: 721219606001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	**5**	**4**	**6**	**0**	**0**	**3**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	4	4	5	35	38	50
Air Toxics Cancer Risk	52	35	55	56	0	89
Air Toxics Respiratory Hazard Index	34	35	39	57	59	89
Toxic Releases to Air	76	75	84	11	10	14

Census Block Group ID: 721219606001	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
Traffic Proximity	97	98	99	65	71	97
Lead Paint	83	80	97	45	44	82
Risk Management Plan (RMP) Facility Proximity	44	45	54	5	5	6
Hazardous Waste Proximity	98	97	99	83	79	96
Superfund Proximity	99	99	99	70	74	87
Underground Storage Tanks (UST)	95	85	99	76	63	94
Wastewater Discharge	95	97	99	41	47	85





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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	8,763
Population Density	2,825/sq.mi.
Housing Units in Area	3,898

General Statistics (ACS (American Community Survey))	
Total Persons	8,935
Percent People of Color	100%
Households in Area	2,707
Households on Public Assistance	188
Persons With Low Income	6,419
Percent With Low Income	72%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.076339
Center Longitude	-66.960406
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	1,056 (39%)
$15,000 - $25,000	481 (17.76%)
$25,000 - $50,000	661 (24.41%)
$50,000 - $75,000	343 (12.67%)
Greater than $75,000	167 (6.17%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	581 (7%)
Minors 17 years and younger	2,219 (25%)
Adults 18 years and older	6,544 (75%)
Seniors 65 years and older	1,615 (18%)

Race Breakdown (U.S. Census) - Persons (%)	
White	7,718 (88%)
African-American	446 (5%)
Hispanic-Origin	8,722 (100%)
Asian/Pacific Islander	8 (0%)
American Indian	45 (1%)
Other/Multiracial	545 (6%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	838 (14.14%)
9th through 12th Grade	416 (7.02%)
High School Diploma	1,874 (31.61%)
Some College/2-year	538 (9.08%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,602 (27.02%)

Detailed Facility Report

Facility Summary

TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310290

AVE FRANCISCO M QUINONES #32, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110042423954

EPA Region: 02

Latitude: 18.07706

Longitude: -66.95884

Locational Data Source: FRS

Industries: Gasoline Stations

Indian Country: N

Enforcement and Compliance Summary

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

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG, (PRR000023077)

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		110042423954					N	18.07706	-66.95884
RCRAInfo	RCRA	PRR000023077	VSQG	Active (H)			N	18.078078	-66.961715

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110042423954	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310290	AVE FRANCISCO M QUINONES #32, SABANA GRANDE, PR 00637	Sabana Grande Municipio
RCRAInfo	RCRA	PRR000023077	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310290	AVE FRANCISCO M QUINONES #32, SABANA GRANDE, PR 00637	Sabana Grande 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	PRR000023077	44711	Gasoline Stations with Convenience Stores
RCRAInfo	PRR000023077	44719	Other Gasoline Stations

Facility Tribe Information

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

No data records returned

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

No data records returned

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

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000023077	No	06/29/2024	0	06/28/2024

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: PRR000023077)			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	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost

No data records returned

Environmental Conditions

Watersheds

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

No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

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

No data records returned

Air Quality Nonattainment Areas

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

No data records returned

Pollutants

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

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

No data records returned

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

Chemical Name

No data records returned

Community

Environmental Justice

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

Potential Environmental Justice Concerns

US Territory

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

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

EJScreen Indexes Shown

Index Type: Supplemental (default)

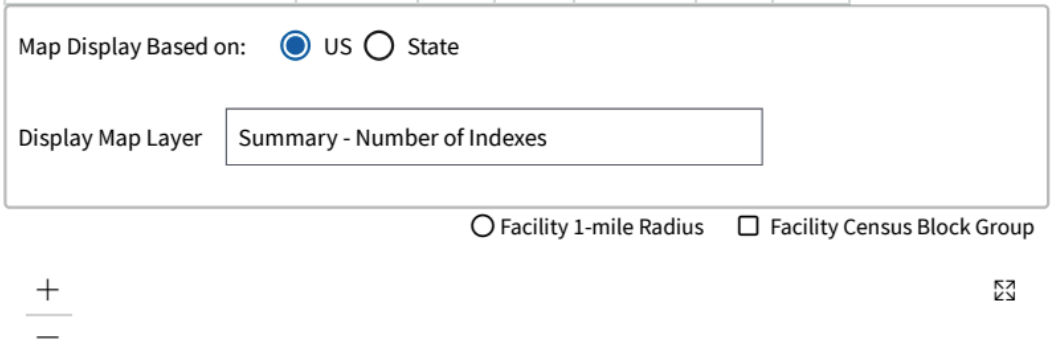
Related Reports

EJScreen Community Report

Download Data

Census Block Group ID: 721219606001	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	**5**	**4**	**6**	**0**	**0**	**3**
Particulate Matter 2.5	--	N/A	--	--	N/A	--
Ozone	--	N/A	--	--	N/A	--
Diesel Particulate Matter	4	4	5	35	38	50
Air Toxics Cancer Risk	52	35	55	56	0	89
Air Toxics Respiratory Hazard Index	34	35	39	57	60	89
Toxic Releases to Air	76	76	87	11	10	18

Census Block Group ID: 721219606001	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
Traffic Proximity	97	98	99	65	71	97
Lead Paint	83	82	97	45	45	82
Risk Management Plan (RMP) Facility Proximity	44	45	65	5	5	13
Hazardous Waste Proximity	98	97	99	83	80	96
Superfund Proximity	99	99	99	70	74	87
Underground Storage Tanks (UST)	95	87	99	76	63	94
Wastewater Discharge	95	97	99	41	48	85



U.S. Environmental Protection Agency

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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	8,466
Population Density	2,655/sq.mi.
Housing Units in Area	3,774

General Statistics (ACS (American Community Survey))	
Total Persons	8,661
Percent People of Color	100%
Households in Area	2,622
Households on Public Assistance	186
Persons With Low Income	6,247
Percent With Low Income	72%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.07706
Center Longitude	-66.95884
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than $15,000	1,035 (39.5%)
$15,000 - $25,000	474 (18.09%)
$25,000 - $50,000	627 (23.93%)
$50,000 - $75,000	324 (12.37%)
Greater than $75,000	160 (6.11%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	565 (7%)
Minors 17 years and younger	2,145 (25%)
Adults 18 years and older	6,321 (75%)
Seniors 65 years and older	1,578 (19%)

Race Breakdown (U.S. Census) - Persons (%)	
White	7,456 (88%)
African-American	428 (5%)
Hispanic-Origin	8,425 (100%)
Asian/Pacific Islander	8 (0%)
American Indian	46 (1%)
Other/Multiracial	529 (6%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	824 (14.24%)
9th through 12th Grade	399 (6.9%)
High School Diploma	1,856 (32.08%)
Some College/2-year	529 (9.14%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,541 (26.63%)

ASBESTOS-CONTAINING MATERIALS SURVEY

GIMNASIO MUNICIPAL DE SABANA GRANDE

carretera 102-Francisco Mariano Quiñones,
Sabana Grande, Puerto Rico 00637

Inspection Date: January 11, 2024

Prepared for: Figueroa & Figueroa Arquitectos

Prepared by: Nortol Environmental & Occupational Safety, Inc.

Inspector:

Eduardo Colón
Asbestos Inspector
ASB-0723-0349-SI

nortol.
Environmental & Occupational Safety, Inc. Est. 2002

NORTOL has performed this survey in a thorough and professional manner consistent with commonly accepted industry standards.

Table of Contents

Acronyms

A/C	=	Air Conditioning
ACM	=	Asbestos-containing Material
ACBM	=	Asbestos-containing Building Material
AHERA	=	Asbestos Hazard Emergency Response Act
ASHARA	=	Asbestos School Hazard Abatement and Reauthorization Act
CFR	=	Code of Federal Regulations
CPSC	=	Consumer Product Safety Commission
EPA	=	Environmental Protection Agency
Ft2	=	square feet
HA	=	Homogeneous Area
HUD	=	Department of Housing and Urban Development
LF	=	Linear Feet
mg/cm2	=	milligrams per square centimeter
NESHAP'S	=	National Emission Standards for Hazardous Air Pollutants
NIOSH	=	National Institute for Occupational Safety and Health
OSHA	=	Occupational Safety and Health Administration
PLM	=	Polarized Light Microscopy
PRDOH	=	Puerto Rico Department of Housing
PRDNER	=	Puerto Rico Department of Natural and Environmental Resources
SACM	=	Suspect ACM
SOW	=	Scope of Work
TSI	=	Thermal System Insulation
VFT	=	Vinyl floor tiles

I. INTRODUCTION

As part of the environmental due diligence, this survey is intended to assess the general presence, quantity, and location of suspected asbestos-containing materials (SACM) at *Gimnasio Municipal* property located at *carretera 102-Francisco Mariano Quiñones, Sabana Grande PR 00637*.

The SACM survey was conducted on January 11, 2024, by Mr. Eduardo Colón (ACM inspector num. ASB-0723-0349-SI) from Nortol. Inspector's credential(s) is included in **Attachment 1.** Nortol's survey areas and report are limited to the details provided in Section II part D.

Nortol did not identify suspect materials at the reference structure, hence no bulk samples were collected nor sent to the laboratory for analysis. In addition, no suspect material was observed during the visual assessment that needed to be assumed as ACM.

There is concrete, metal, and wood structural components. The floors have ceramic tiles, painted or bare concrete. Also, ceramic tiles are present on some walls.

II. ASBESTOS SURVEY REPORT

A. Survey Protocol:

This activity was conducted following the latest protocol for assessing materials suspected of containing asbestos as defined by the U.S. Environmental Protection Agency (EPA). It involved a visual walk-through inspection of the accessible areas of the building to develop an inventory of suspect ACM homogeneous materials. During the sampling activities, suspected ACM was touched and observed by the inspector to determine its friability and physical condition. A friable material is defined as a material that when dry, can be crumbled, or reduced to powder by hand pressure. The friability of a material causally relates to the potential of the asbestos fibers to be released. The inspector assessed the suspect ACM according to their physical condition and potential damage.

B. Sampling Procedure:

The technique used for sampling the suspected accessible materials is designed to minimize possible fiber release and in turn possible contamination of surrounding areas. When apply, representative suspected material samples are collected in accordance with the EPA's AHERA/ASHARA guidelines and procedures presented in the *Guide for Controlling Asbestos Containing Materials in Building (EPA 560-6-85-024, June 1985)* and characterized following the *National Emission Standard for Hazardous Air Pollution (NESHAP)*, subpart M-Asbestos, 40 CFR Part 61-Standard for Demolition and Renovation. Samples of the homogeneous accessible

materials are collected in quantities enough to determine asbestos content, and then placed in airtight bags. The bagged samples are properly collected, labeled, and identified. A Chain of Custody form is completed for collected bulk samples which are analyzed by an independent laboratory using the Polarized Light Microscopy (PLM) method. The laboratory utilizes dispersion staining techniques according to US EPA method 600/M4-82-020 incorporating visual estimates of identified material percentages.

C. Regulatory Review:

According to NESHAP's standards (40 CFR 61.141), Asbestos Containing Building Materials are classified into three categories: Category I - Nonfriable asbestos-containing material (ACM), Category II – other Nonfriable ACM, and Regulated asbestos-containing material (RACM). ACMs are classified into three categories according to EPA-AHERA/ASHARA's standards (40 CFR Part 763): Surfacing material, Thermal System Insulation (TSI) and Miscellaneous material.

Once the inspector has identified the ACM in a building, he or she must perform a physical assessment of TSI and friable material. Under § 763.88 of the AHERA Rule, the physical assessment of ACBM involve classifying the material into one of the following seven Categories: Damaged or significantly damaged TSI ACM; Damaged friable surfacing ACM; Significantly damaged friable surfacing ACM; Damaged or significantly damaged friable miscellaneous ACM; ACBM with potential for damage; ACBM with potential for significant damage; and Any remaining friable ACBM or friable suspected ACBM.

The PRDNER- former Environmental Quality Board (Regulation for the Control of Atmospheric Pollution-Rule 422) enacted in 1995, required all commercial and public building, including industries to identify asbestos containing building materials in their structures and take appropriate actions to control the release of asbestos fiber. Asbestos inspection is part of the permitting application process for any future project in the buildings which may include renovation or demolition activities regulated by the PR State/Municipal Offices. To obtain demolition permits in Puerto Rico is necessary to include a certification (OGP-PGC-009 or equivalent) stating that there is no asbestos containing material in the project.

D. Survey Areas – Extent of Survey Coverage:

The survey included a detailed structure inspection providing a general sense of the overall location, type, quantity, and condition of potential ACMs present. The survey was thorough in the interior or exterior accessible functional spaces, and bulk samples (if applied) are taken from the observed suspect materials. The presence of asbestos in suspect materials (if applied) is assumed or presumed in some cases without bulk samples being collected or analyzed (when applicable). This is necessary for locations where materials are inaccessible or areas that are

unsafe to access (e.g., elevated heights, energized equipment, confined spaces, etc.). For those areas that were not safely accessible, suspect materials observed or presumed to be present (if applied) were documented and assumed as ACMs. The survey did not include destructive, intrusive and/or exploratory testing.

Areas Not Included in Survey and Service Constraints: All professional opinions presented in this report are based on information made available either by review of data provided by others or data gathered by Nortol personnel. Nortol affirms that data gathered and presented by Nortol in this report was collected in an appropriate manner in accordance with accepted methods and practices. Any energized utilities/services, including electricity, water and heat were assumed to be active. Materials associated with these items were determined to not be safely accessible and were not sampled. Suspect ACMs associated with these items should be assumed ACM until the systems can be de-energized and safely sampled. The survey did not include access or inspection of confined spaces or subsurface/underground areas including piping, conduits, building footings and soils (surficial or otherwise).

E. Findings

Nortol did not identify SACM at the reference structure, therefore no bulk samples were collected and/or sent to the laboratory for analysis. In addition, no suspect material was observed during the visual assessment that needed to be assumed as ACM.

Representative Pictures\Photograph Log of the structure are provided in **Attachment 2**. Certification for non-presence of asbestos is provided in **Attachment 3**.

III. CONCLUSION

ACM survey was conducted for the project identified with the header ID. Nortol did not identify SACM at the referenced structure, hence no bulk samples were collected and/or sent to the laboratory for analysis. In addition, no suspect material was observed during the visual assessment that needed to be assumed as ACM.

Any conditions or materials that could not be visually identified or were out-of-the SOW, were not inspected and may differ from those conditions or materials noted. It was not within the scope of the activity to remove surface materials to investigate portions of the structure or materials that may lay beneath the surface. Nortol's selection of sample locations and frequency of sampling was based on Nortol's observations and the assumption that similar materials in the same area are homogeneous in content.

The report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos or lead abatement contractors in locating ACM. Under no circumstances is the report to be utilized solely as a bidding document or as a project specification document.

Attachment 1

Inspector's Credential

EDUARDO COLÓN
Puerto Rico
Asbestos Inspector

TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Eduardo Colón León

Inspector

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

Firma Autorizada - Departamento Recursos Naturales y Ambientales

ASB-0723-0349-SI

Número de Registro

12-jun-2024

Fecha de vencimiento

Attachment 2

Representative Pictures\Photograph Log

Eduardo Colón
NORTOL. Environmental & Occupational Safety, Inc.

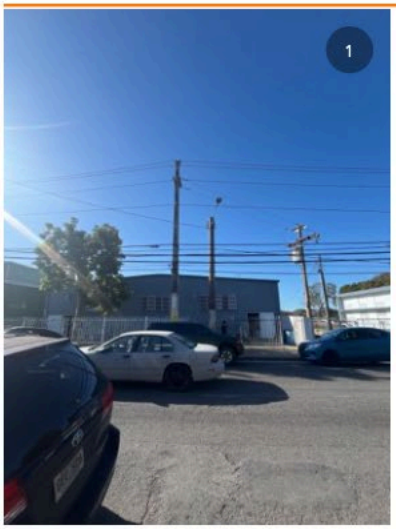
GIMNASIO MUNICIPAL DE SABANA GRANDE - ACM SURVEY PHOTO LOG

Built circa: Not available at the moment of the inspection

Thursday, January 11, 2024

Prepared For Figueroa & Figueroa Arquitectos

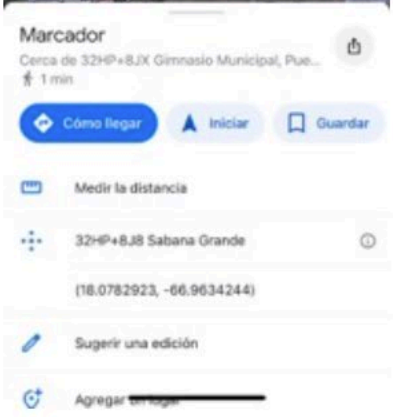
Carretera 102-Francisco Mariano Quiñones, Sabana Grande PR 00637



FRONT VIEW:
(18.0782923, -66.9634244)

LOCATION:

(18.0782923, -66.9634244)

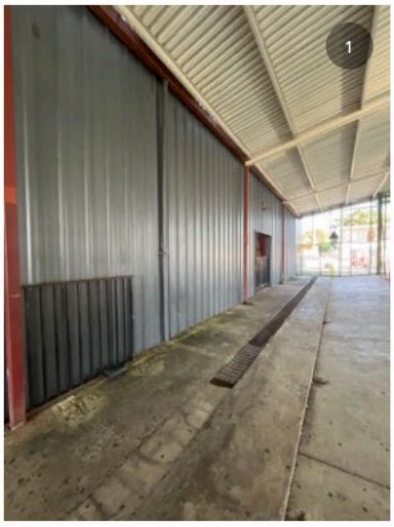


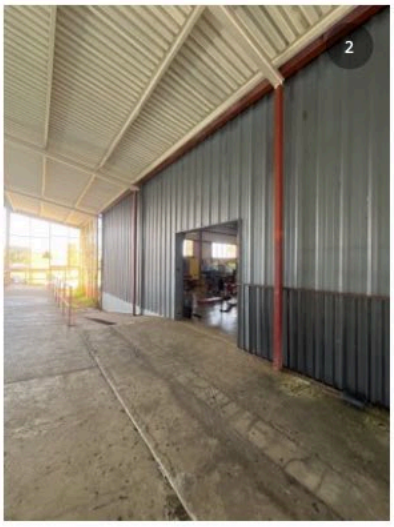
SCOPE OF WORK:

Full inspection A/L.

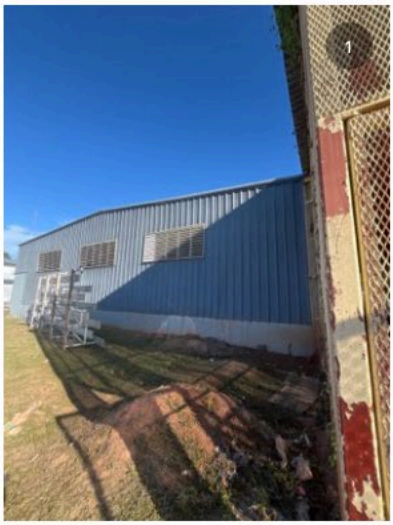
EXTERIOR GENERAL VIEWS SIDE A:

EXTERIOR GENERAL VIEWS SIDE B:





EXTERIOR GENERAL VIEWS SIDE C:

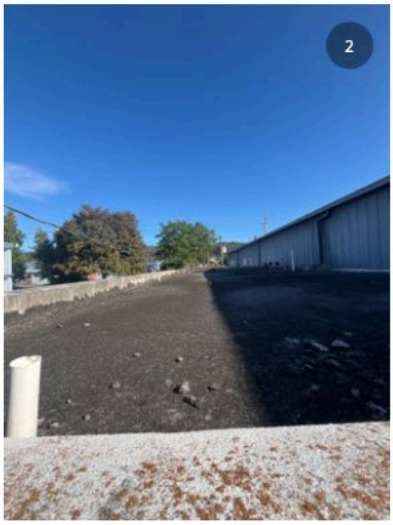


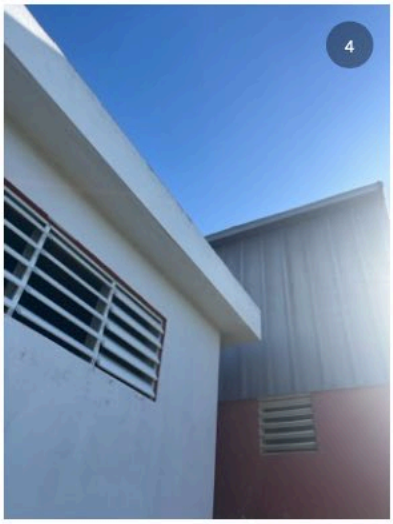
EXTERIOR GENERAL VIEWS SIDE D:

GENERAL VIEWS: ROOF

SACM roof membrane was not found visible at the moment of the inspection.

Roof of main building is on metal material.





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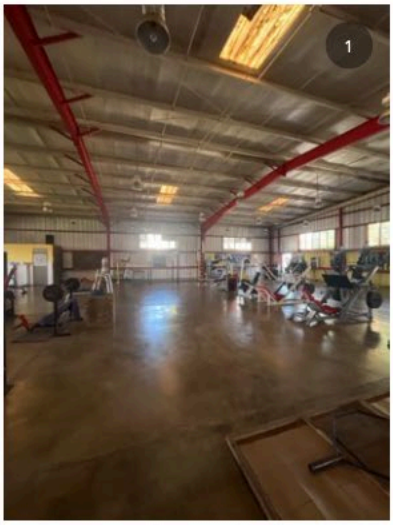

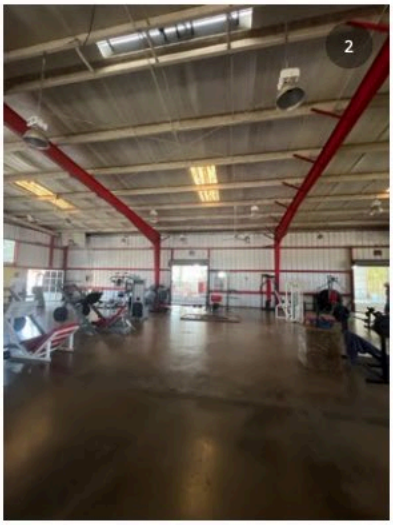

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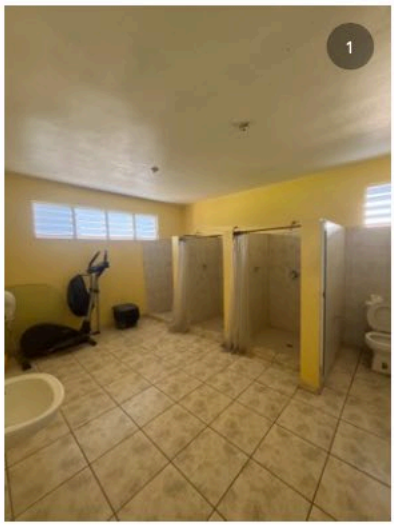
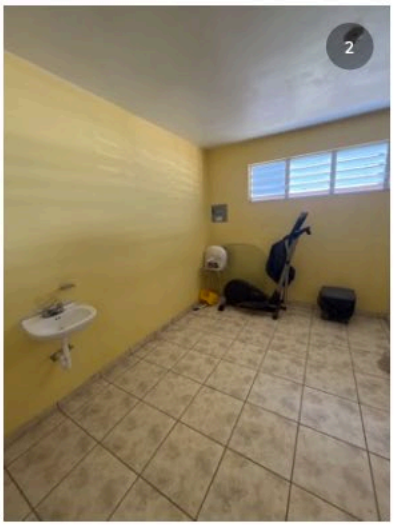
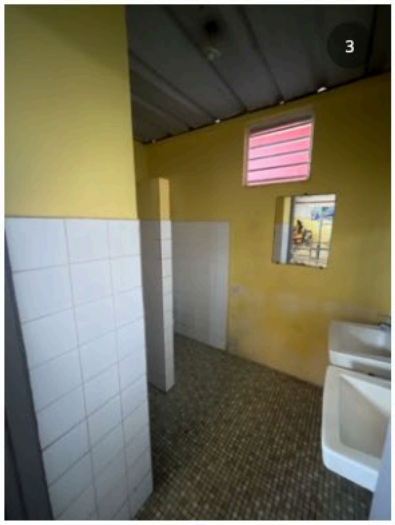
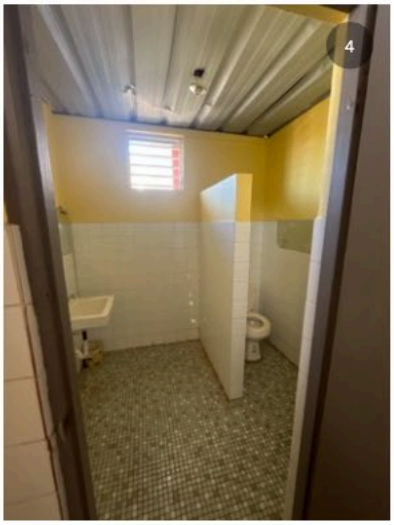
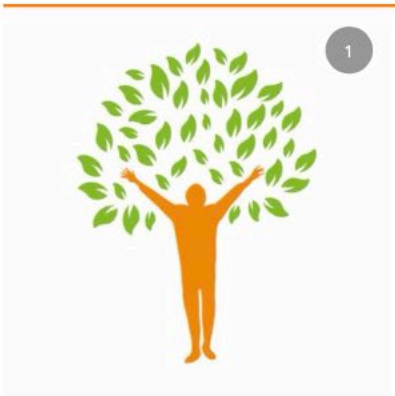








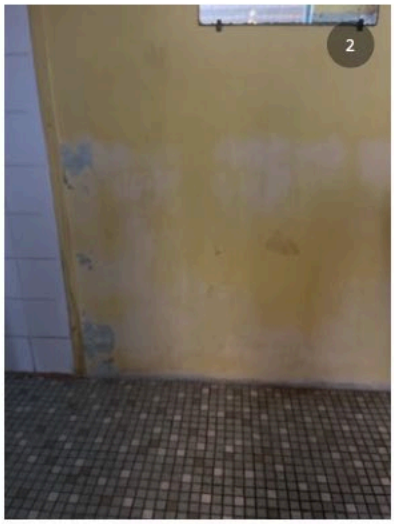


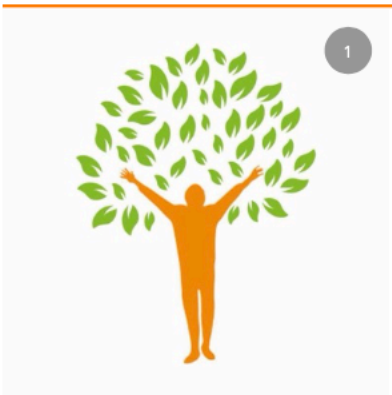
IS THERE ANY AREA WITHOUT ACCESS?

All areas were accessible.

IS THERE ANY VISIBLE INDICATION OF MOLD?

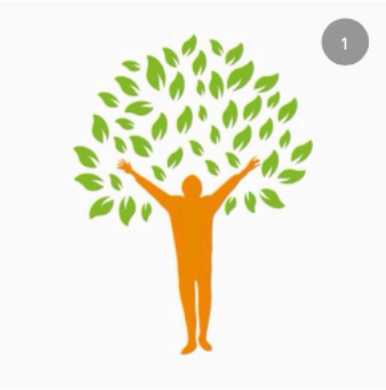
Yes, mold was found visible at the moment of the inspection.





ARE THERE SIGNS OF POOR HOUSEKEEPING ON SITE? (MOUNDS OF RUBBLE, GARBAGE, STORM DEBRIS, SOLID WASTE, PETROLEUM PRODUCTS, PAINT, PESTICIDES, CLEANING FLUIDS, VEHICLE BATTERIES, ABANDONED VEHICLES, PITS, POOLS, PONDS OF HAZARDOUS SUBSTANCES, ETC.)

Not found visible at the moment of the inspection.

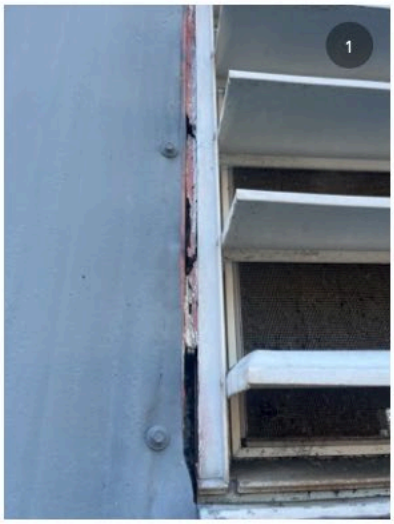


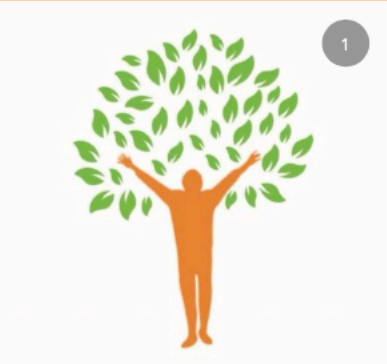
ARE ANY ADDITIONAL SITE HAZARDS OBSERVED?

Not found visible at the moment of the inspection.

WINDOW/DOOR CAULKING:

Caulking found in windows was not suspect asbestos containing material.





SACM VISIBLE?

No SACM visible at the moment of the inspection.

Attachment 3

Certification for Non-Presence Asbestos (PGC-009)

GOBIERNO DE PUERTO RICO
OFICINA DEL GOBERNADOR
JUNTA DE CALIDAD AMBIENTAL

Área de Calidad de Agua

OGPe
Oficina de Gerencia de Permisos

Forma PGC-009

CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

SUBMITTED AS SEPARATE DOCUMENT

www.nortolpr.com | info@nortolpr.com | 787.420.0220
PO Box 366457, San Juan, PR 00936-6457

CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

NUM. PERMISO: _____

Yo, Eduardo Colón, mayor de edad, soltero, y vecino de Villalba, Puerto Rico,
(Nombre) (Estado Civil) (Municipio)

Dirección Postal: PO BOX 366457 San Juan, P.R. 00936-6457
(Pueblo) (Zip Code)

Teléfonos: Residencial (787) 677 – 5527 Oficina (787) 420 - 0220

Certifico que:

1. La estructura Gimnasio Municipal localizada en carretera 102-Francisco Mariano Quiñones, Sabana Grande, P.R. ,

   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 Sabana Grande de Puerto Rico,
   (Municipio)

   hoy día 11 de enero de 2024

_____
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.

TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Eduardo Colón León

Inspector

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

ASB-0723-0349-SI
Número de Registro

12-jun-2024
Fecha de vencimiento

Firma Autorizada - Departamento Recursos Naturales y Ambientales

PR Asbestos Inspector Accreditation

LEAD-BASED PAINT SURVEY

GIMNASIO MUNICIPAL DE SABANA GRANDE

carretera 102-Francisco Mariano Quiñones,
Sabana Grande, Puerto Rico 00637

Inspection Date: January 11, 2024

Prepared for: Figueroa & Figueroa Arquitectos

Prepared by: Nortol Environmental & Occupational Safety, Inc.

Inspector:

Sixto Suárez
Lead Inspector
LBP I.D. # LBPI-08923-114

nortol.
Environmental & Occupational Safety, Inc. Est. 2002

NORTOL has performed this survey in a thorough and professional manner consistent with commonly accepted industry standards.

Table of Contents

Acronyms

A/C	=	Air Conditioning
CFR	=	Code of Federal Regulations
CPSC	=	Consumer Product Safety Commission
EPA	=	Environmental Protection Agency
Ft2	=	square feet
HA	=	Homogeneous Area
HUD	=	Department of Housing and Urban Development
LBP	=	Lead-based Paint
LF	=	Linear Feet
mg/cm2	=	milligrams per square centimeter
NESHAP'S	=	National Emission Standards for Hazardous Air Pollutants
NIOSH	=	National Institute for Occupational Safety and Health
OSHA	=	Occupational Safety and Health Administration
PRDOH	=	Puerto Rico Department of Housing
PRDRNER	=	Puerto Rico Department of Natural and Environmental Resources
SOW	=	Scope of Work
XRF	=	X-Ray Fluorescent

I. INTRODUCTION

As part of the environmental due diligence, this survey is intended to assess the general presence, quantity, and location of LBP and lead-glazed ceramic components above allowable levels at *Gimnasio Municipal* property located at *carretera 102-Francisco Mariano Quiñones, Sabana Grande PR 00637.*

The LBP survey, conforming to Housing Urban Development (HUD) Guidelines for the Evaluation and Control of Lead Based Paint in Housing, was conducted on January 11, 2024, by Mr. Sixto Suárez (Lead inspector number: LBPI-08923-114) from Nortol. Copy of Nortol's registration with the PRDNER as registered corporation is included in **Attachment 1**. Inspector's credential(s) is included in **Attachment 2.** Nortol's survey areas and report are limited to the details provided in Section II part D.

Based on the results of the survey, 125 XRF readings were performed using an XRF analyzer on identified and accessible surfaces in the interior and/or exterior of the subject structure. LBP was not identified above the regulatory level of 1.0 mg/cm^2 in the SOW.

There is concrete, metal, and wood structural components. The floors have ceramic tiles, painted or bare concrete. Also, ceramic tiles are present on some walls.

II. LEAD BASED PAINT SURVEY REPORT

A. Lead Based Paint Findings:

LBP was not found in the project accessed components. Data from XRF analyzer testing is included in **Attachment 3. Attachment 4** includes Representative Pictures\Photograph Log of the structure. Certification for non-presence of lead-based paints or lead-glazes is provided in **Attachment 5.**

B. Survey Protocol and Sampling Procedure:

The survey was conducted following the *HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (1997 Revision, Chapter 7).* The technique used for assessing the painted components was the XRF instrument. The following guidelines were used to perform LBP testing:

1. Achieve inventory of painted surfaces.
2. Select areas to be assessed.
3. Perform XRF testing.
4. Review and evaluate the data.

5. Report findings

The XRF instrument was set at Standard Paint Mode showing reading "Positive" or "Negative" with a 95% confident reading. The result is reported in mg/cm^2. **Attachment 6** includes the XRF Performance Characteristic Sheet (PCS) of the analyzer.

The **letters A, B, C**, and **D** used in the survey refers to:

A ⇒ Main entrance side orientation (to street)
B ⇒ Left side orientation
C ⇒ Rear side orientation
D ⇒ Right side orientation

C. Lead Based Paint Background and Regulatory Review:

Overexposure to lead is one of the most common situations found in industry. It is also a major potential public health risk. Lead poisoning is the leading environmentally induced illness in children. At greatest risk are children under the age of six because they are undergoing rapid neurological and physical development. In general population, lead may be present at hazardous concentrations in food, water, and air. Sources include LBP, urban soil, dust, and drinking water.

Lead is commonly added to industrial paints because of its characteristic to resist corrosion. Industries with particularly high potential exposures include construction work involving welding, cutting, brazing, blasting, etc., on lead paint surfaces; most smelter operations either as a trace contaminant or as a major product; secondary lead smelters where lead is recovered from batteries; radiator repair shops; and firing ranges. Oral ingestion may represent a major route of exposure in contaminated workplaces. Once in the blood, lead is distributed primarily among three routes - blood, soft tissue (kidney, bone marrow, liver, and brain) and mineralizing tissue (bones and teeth).

Hazard of lead in paint has been defined by the Department of Housing and Urban Development as 1.0 mg/cm^2 as measured by an XRF instrument, or Atomic Absorption Spectroscopy (AAS); or 0.5% by weight (or 5,000 ppm) as measured by AAS, or Inductive Coupled Plasma (ICP). The same level was adopted by EPA regulations published in 1992, under Title X.

Although OSHA regulations for occupational lead exposure have been in effect since 1971 for the construction and general industries, the agency recognized the need to provide better protection and revised the regulations for general industry in 1978. The 1978 lead standard, however,

excluded the construction industry from coverage because of insufficient information regarding lead use in construction.

In 1990, NIOSH set a national goal to eliminate worker exposures resulting in blood lead concentrations greater than 25 micrograms per deciliter (25 µg/dl) of whole blood. Consequently, OSHA began developing a proposal for a comprehensive standard regulating occupational exposure to lead in construction. In October 1992, the Congress passed Section 1031 of Title X of the Housing and Community Development Act of 1992 (P. L. 102-550) requiring OSHA to issue an interim final lead standard for the construction industry, effective until OSHA issues a final standard. The interim final rule, published on May 4, 1993, amends the OSHA standards for occupational health and environmental controls in Subpart D of Title 29 CFR 1926 by adding a new section 1926.62, containing employee protection requirements for construction workers exposed to lead.

On July 1998, the PRDNER - former PR Environmental Quality Board regulations regarding to LBP was created to issue activity permits, accredit institutions, and certificate persons involved in LBP activities in Puerto Rico. Local regulations require all lead to be managed as a special waste. On July 2019 this regulation was replaced by the new *Reglamento para el Manejo Adecuado de Actividades de Pintura con Base de Plomo*. To obtain a demolition permit in Puerto Rico is necessary to include a certification (OGP-PGC-010 or equivalent) stating that there is no LBP in the project.

D. Survey Areas – Extent of Survey Coverage:

The survey included a detailed structure inspection providing a general sense of the overall location, type, quantity, and condition of LBP and LBP ceramic components. The LBP survey was performed to ready accessible components and surfaces. If any suspect coated surface or ceramic components, that could contain lead, are encountered underneath current installed tiles or other construction material during demolition and/or renovation activities, which differ from materials tested during the LBP survey, these should be assumed to be Lead containing until testing/analysis confirmed otherwise. The survey was unobtrusive as samples were not taken where doing so would have resulted in objectionable damage to surfaces. Therefore, the survey did not include destructive, intrusive and/or exploratory testing.

Areas Not Included in Survey and Service Constraints: All professional opinions presented in this report are based on information made available either by review of data provided by others or data gathered by Nortol personnel. Nortol affirms that data gathered and presented by Nortol in this report was collected in an appropriate manner in accordance with accepted methods and practices. Any energized utilities/services, including electricity, water and heat were assumed to

be active. Materials associated with these items were determined to not be safely accessible and were not sampled. The survey did not include access or inspection of confined spaces or subsurface/underground areas including piping, conduits, building footings and soils (surficial or otherwise).

III. CONCLUSION

LBP survey was conducted for the project identified with the header ID. LBP or lead-glaze was not identified above the regulatory level of 1.0 mg/cm^2 at the subject structure. In addition, lead containing ceramic components were not identified to contain lead above the regulatory level.

Data from XRF analyzer testing results is included in **Attachment 3. Attachment 4** includes Representative Pictures\Photograph Log of the structure. Certification for non-presence of lead-based paints or lead-glazes is provided in **Attachment 5.**

Any conditions or materials that could not be visually identified or were out-of-the SOW, were not inspected and may differ from those conditions or materials noted. It was not within the scope of the activity to remove surface materials to investigate portions of the structure or materials that may lay beneath the surface. Nortol's selection of sample locations and frequency of sampling was based on Nortol's observations and the assumption that similar materials in the same area are homogeneous in content.

The report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos or lead abatement contractors in locating LBP or lead-glaze. Under no circumstances is the report to be utilized solely as a bidding document or as a project specification document.

Attachment 1

Company Credentials

LEAD-SAFE
EPA
CERTIFIED FIRM

NAT-F121771-2

GOBIERNO DE PUERTO RICO

Departamento de Recursos Naturales y Ambientales

Este certificado es otorgado a:

Nortol Environmental & Occupational Safety, Inc.

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-04023-008

Fecha de emisión: Marzo 5, 2023

Fecha de Expiración: Marzo 4, 2024

DRNA

José Roque Julá
Jefe
División Desperdicios Tóxicos

Attachment 2

Inspector's Credentials

Sixto Suárez Cintrón

Puerto Rico

Lead-based Paint Inspector Accreditations

Attachment 3

LBP XRF Tabulated Readings

GIMNASIO MUNICIPAL DE SABANA GRANDE - XRF SHEET

Company	Thermo Scie
Model	Niton
Type	XRF Lead Paint Analyzer
Serial Num.	Niton
App Version	Protocol 1.1.0

Label	Reading #	Concentration	Units	Result	Level	Date	Time	Inspector	Lat	Floor	Structure	Component	Substrate	Wall	Color	Condition	Approx Dist
-	1	0.9	mg/cm2	Negative	1	1/11/2024	8:50:40	S.SUAREZ	-	-	Calibration	-	-	-	-	-	-
-	2	0.9	mg/cm2	Negative	1	1/11/2024	8:50:58	S.SUAREZ	-	-	Calibration	-	-	-	-	-	-
-	3	0.9	mg/cm2	Negative	1	1/11/2024	8:51:17	S.SUAREZ	-	-	Calibration	-	-	-	-	-	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	4	0.1	mg/cm2	Negative	1	1/11/2024	9:00:07	S.SUAREZ	100-20	Exterior	Building	Wall	Metal	A	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	5	0.1	mg/cm2	Negative	1	1/11/2024	9:00:23	S.SUAREZ	100-20	Exterior	Building	Wall	Metal	A	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	6	0	mg/cm2	Negative	1	1/11/2024	9:00:46	S.SUAREZ	100-20	Exterior	Building	Door	Metal	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	7	0.1	mg/cm2	Negative	1	1/11/2024	9:01:01	S.SUAREZ	100-20	Exterior	Building	Door Frame	Metal	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	8	0.1	mg/cm2	Negative	1	1/11/2024	9:01:16	S.SUAREZ	100-20	Exterior	Building	Window	Metal	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	9	0	mg/cm2	Negative	1	1/11/2024	9:01:29	S.SUAREZ	100-20	Exterior	Building	Window Frame	Metal	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	10	0	mg/cm2	Negative	1	1/11/2024	9:01:50	S.SUAREZ	100-20	Exterior	Building	Bench	Concrete	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	11	0.1	mg/cm2	Negative	1	1/11/2024	9:01:58	S.SUAREZ	100-20	Exterior	Building	Bench	Concrete	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	12	0.1	mg/cm2	Negative	1	1/11/2024	9:02:07	S.SUAREZ	100-20	Exterior	Building	Bench	Concrete	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	13	0	mg/cm2	Negative	1	1/11/2024	9:02:52	S.SUAREZ	100-20	Exterior	Building	Fence	Metal	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	14	0	mg/cm2	Negative	1	1/11/2024	9:03:01	S.SUAREZ	100-20	Exterior	Building	Fence	Metal	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	15	0	mg/cm2	Negative	1	1/11/2024	9:04:05	S.SUAREZ	100-20	Exterior	Building	Wall	Metal	B	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	16	0	mg/cm2	Negative	1	1/11/2024	9:04:14	S.SUAREZ	100-20	Exterior	Building	Wall	Metal	B	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	17	0.1	mg/cm2	Negative	1	1/11/2024	9:04:22	S.SUAREZ	100-20	Exterior	Building	Wall	Metal	B	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	18	0.1	mg/cm2	Negative	1	1/11/2024	9:04:48	S.SUAREZ	100-20	Exterior	Building	Fence	Metal	B	Black	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	19	0.1	mg/cm2	Negative	1	1/11/2024	9:04:56	S.SUAREZ	100-20	Exterior	Building	Fence	Metal	B	Black	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	20	0	mg/cm2	Negative	1	1/11/2024	9:05:24	S.SUAREZ	100-20	Exterior	Building	Column	Metal	B	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	21	0	mg/cm2	Negative	1	1/11/2024	9:05:34	S.SUAREZ	100-20	Exterior	Building	Column	Metal	B	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	22	0.1	mg/cm2	Negative	1	1/11/2024	9:05:45	S.SUAREZ	100-20	Exterior	Building	Column	Metal	B	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	23	0.1	mg/cm2	Negative	1	1/11/2024	9:06:59	S.SUAREZ	100-20	Exterior	Building	Railing	Metal	B	Orange	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	24	0.1	mg/cm2	Negative	1	1/11/2024	9:07:07	S.SUAREZ	100-20	Exterior	Building	Railing	Metal	B	Orange	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	25	0	mg/cm2	Negative	1	1/11/2024	9:07:58	S.SUAREZ	100-20	Exterior	Building	Wall	Metal	C	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	26	0.1	mg/cm2	Negative	1	1/11/2024	9:08:06	S.SUAREZ	100-20	Exterior	Building	Wall	Metal	C	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	27	0.1	mg/cm2	Negative	1	1/11/2024	9:08:24	S.SUAREZ	100-20	Exterior	Building	Wall	Concrete	C	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	28	0	mg/cm2	Negative	1	1/11/2024	9:08:32	S.SUAREZ	100-20	Exterior	Building	Wall	Concrete	C	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	29	0	mg/cm2	Negative	1	1/11/2024	9:09:06	S.SUAREZ	100-20	Exterior	Building	Wall	Concrete	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	30	0.1	mg/cm2	Negative	1	1/11/2024	9:09:14	S.SUAREZ	100-20	Exterior	Building	Wall	Concrete	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	31	0.1	mg/cm2	Negative	1	1/11/2024	9:09:34	S.SUAREZ	100-20	Exterior	Building	Wall	Metal	D	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	32	0.1	mg/cm2	Negative	1	1/11/2024	9:09:42	S.SUAREZ	100-20	Exterior	Building	Wall	Metal	D	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	33	0.1	mg/cm2	Negative	1	1/11/2024	9:10:18	S.SUAREZ	100-20	Interior	Open Space	Wall	Metal	A	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	34	0.1	mg/cm2	Negative	1	1/11/2024	9:10:27	S.SUAREZ	100-20	Interior	Open Space	Wall	Metal	A	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	35	0	mg/cm2	Negative	1	1/11/2024	9:10:59	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	A	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	36	0.1	mg/cm2	Negative	1	1/11/2024	9:11:07	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	A	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	37	0	mg/cm2	Negative	1	1/11/2024	9:11:16	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	A	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	38	0	mg/cm2	Negative	1	1/11/2024	9:11:25	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	A	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	39	0	mg/cm2	Negative	1	1/11/2024	9:11:40	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	B	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	40	0.1	mg/cm2	Negative	1	1/11/2024	9:11:50	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	B	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	41	0.1	mg/cm2	Negative	1	1/11/2024	9:11:58	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	B	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	42	0.1	mg/cm2	Negative	1	1/11/2024	9:12:06	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	B	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	43	0	mg/cm2	Negative	1	1/11/2024	9:12:14	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	B	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	44	0	mg/cm2	Negative	1	1/11/2024	9:12:42	S.SUAREZ	100-20	Interior	Open Space	Wall	Metal	B	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	45	0.1	mg/cm2	Negative	1	1/11/2024	9:12:51	S.SUAREZ	100-20	Interior	Open Space	Wall	Metal	B	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	46	0.1	mg/cm2	Negative	1	1/11/2024	9:13:13	S.SUAREZ	100-20	Interior	Open Space	Wall	Wood	B	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	47	0	mg/cm2	Negative	1	1/11/2024	9:13:20	S.SUAREZ	100-20	Interior	Open Space	Wall	Wood	B	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	48	0.1	mg/cm2	Negative	1	1/11/2024	9:13:38	S.SUAREZ	100-20	Interior	Open Space	Wall	Wood	C	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	49	0.1	mg/cm2	Negative	1	1/11/2024	9:13:46	S.SUAREZ	100-20	Interior	Open Space	Wall	Wood	C	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	50	0.1	mg/cm2	Negative	1	1/11/2024	9:14:23	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	C	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	51	0	mg/cm2	Negative	1	1/11/2024	9:14:31	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	C	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	52	0	mg/cm2	Negative	1	1/11/2024	9:14:39	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	C	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	53	0.2	mg/cm2	Negative	1	1/11/2024	9:14:47	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	C	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	54	0.2	mg/cm2	Negative	1	1/11/2024	9:15:09	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	D	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	55	0	mg/cm2	Negative	1	1/11/2024	9:15:18	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	D	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	56	0	mg/cm2	Negative	1	1/11/2024	9:15:27	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	D	Red	Intact	-

GIMNASIO MUNICIPAL DE SABANA GRANDE - XRF SHEET

GIMNASIO MUNICIPAL DE SABANA GRANDE	57	0.1	mg/cm2	Negative	1	1/11/2024	9:15:39	S.SUAREZ	100-20	Interior	Open Space	Column	Metal	D	Red	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	58	0	mg/cm2	Negative	1	1/11/2024	9:16:10	S.SUAREZ	100-20	Interior	Open Space	Wall	Metal	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	59	0.1	mg/cm2	Negative	1	1/11/2024	9:16:19	S.SUAREZ	100-20	Interior	Open Space	Wall	Metal	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	60	0	mg/cm2	Negative	1	1/11/2024	9:16:36	S.SUAREZ	100-20	Interior	Open Space	Wall	Concrete	D	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	61	0	mg/cm2	Negative	1	1/11/2024	9:16:44	S.SUAREZ	100-20	Interior	Open Space	Wall	Concrete	D	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	62	0	mg/cm2	Negative	1	1/11/2024	9:17:00	S.SUAREZ	100-20	Interior	Open Space	Wall	Ceramic	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	63	0.3	mg/cm2	Negative	1	1/11/2024	9:17:08	S.SUAREZ	100-20	Interior	Open Space	Wall	Ceramic	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	64	0.2	mg/cm2	Negative	1	1/11/2024	9:17:35	S.SUAREZ	100-20	Interior	Open Space	Floor	Concrete	-	Unpainted	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	65	0.1	mg/cm2	Negative	1	1/11/2024	9:17:44	S.SUAREZ	100-20	Interior	Open Space	Floor	Concrete	-	Unpainted	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	66	0	mg/cm2	Negative	1	1/11/2024	9:17:53	S.SUAREZ	100-20	Interior	Open Space	Floor	Concrete	-	Unpainted	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	67	0	mg/cm2	Negative	1	1/11/2024	9:18:35	S.SUAREZ	100-20	Interior	Bathroom	Floor	Ceramic	-	Beige	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	68	0	mg/cm2	Negative	1	1/11/2024	9:18:58	S.SUAREZ	100-20	Interior	Bathroom	Wall	Concrete	A	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	69	0	mg/cm2	Negative	1	1/11/2024	9:19:11	S.SUAREZ	100-20	Interior	Bathroom	Wall	Concrete	B	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	70	0	mg/cm2	Negative	1	1/11/2024	9:19:23	S.SUAREZ	100-20	Interior	Bathroom	Wall	Concrete	C	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	71	0.1	mg/cm2	Negative	1	1/11/2024	9:19:36	S.SUAREZ	100-20	Interior	Bathroom	Wall	Concrete	D	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	72	0.3	mg/cm2	Negative	1	1/11/2024	9:19:55	S.SUAREZ	100-20	Interior	Bathroom	Wall	Ceramic	D	Beige	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	73	0.2	mg/cm2	Negative	1	1/11/2024	9:20:09	S.SUAREZ	100-20	Interior	Bathroom	Wall	Ceramic	C	Beige	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	74	0.1	mg/cm2	Negative	1	1/11/2024	9:20:22	S.SUAREZ	100-20	Interior	Bathroom	Wall	Ceramic	A	Beige	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	75	0.1	mg/cm2	Negative	1	1/11/2024	9:20:38	S.SUAREZ	100-20	Interior	Bathroom	Curb	Ceramic	-	Beige	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	76	0.2	mg/cm2	Negative	1	1/11/2024	9:20:57	S.SUAREZ	100-20	Interior	Bathroom	Partition	Ceramic	-	Beige	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	77	0.2	mg/cm2	Negative	1	1/11/2024	9:21:05	S.SUAREZ	100-20	Interior	Bathroom	Partition	Ceramic	-	Beige	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	78	0.1	mg/cm2	Negative	1	1/11/2024	9:21:18	S.SUAREZ	100-20	Interior	Bathroom	Sink	Porcelain	B	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	79	0	mg/cm2	Negative	1	1/11/2024	9:21:52	S.SUAREZ	100-20	Interior	Bathroom	Toilet	Porcelain	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	80	0	mg/cm2	Negative	1	1/11/2024	9:22:15	S.SUAREZ	100-20	Interior	Men's Restroom	Toilet	Porcelain	C	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	81	0	mg/cm2	Negative	1	1/11/2024	9:22:33	S.SUAREZ	100-20	Interior	Men's Restroom	Urinal	Porcelain	B	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	82	0.5	mg/cm2	Negative	1	1/11/2024	9:22:56	S.SUAREZ	100-20	Interior	Men's Restroom	Sink	Porcelain	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	83	0.2	mg/cm2	Negative	1	1/11/2024	9:23:23	S.SUAREZ	100-20	Interior	Men's Restroom	Floor	Ceramic	-	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	84	0.2	mg/cm2	Negative	1	1/11/2024	9:23:42	S.SUAREZ	100-20	Interior	Men's Restroom	Wall	Ceramic	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	85	0	mg/cm2	Negative	1	1/11/2024	9:23:55	S.SUAREZ	100-20	Interior	Men's Restroom	Wall	Ceramic	B	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	86	0.1	mg/cm2	Negative	1	1/11/2024	9:24:09	S.SUAREZ	100-20	Interior	Men's Restroom	Wall	Ceramic	C	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	87	0.2	mg/cm2	Negative	1	1/11/2024	9:24:21	S.SUAREZ	100-20	Interior	Men's Restroom	Wall	Ceramic	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	88	0	mg/cm2	Negative	1	1/11/2024	9:25:13	S.SUAREZ	100-20	Interior	Men's Restroom	Wall	Concrete	D	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	89	0	mg/cm2	Negative	1	1/11/2024	9:25:35	S.SUAREZ	100-20	Interior	Men's Restroom	Wall	Concrete	C	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	90	0.1	mg/cm2	Negative	1	1/11/2024	9:25:50	S.SUAREZ	100-20	Interior	Men's Restroom	Wall	Concrete	B	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	91	0	mg/cm2	Negative	1	1/11/2024	9:26:03	S.SUAREZ	100-20	Interior	Men's Restroom	Wall	Concrete	A	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	92	0	mg/cm2	Negative	1	1/11/2024	9:26:20	S.SUAREZ	100-20	Interior	Men's Restroom	Partition	Concrete	-	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	93	0	mg/cm2	Negative	1	1/11/2024	9:26:38	S.SUAREZ	100-20	Interior	Men's Restroom	Partition	Ceramic	-	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	94	0	mg/cm2	Negative	1	1/11/2024	9:27:05	S.SUAREZ	100-20	Interior	Women's Restroom	Wall	Concrete	A	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	95	0	mg/cm2	Negative	1	1/11/2024	9:27:50	S.SUAREZ	100-20	Interior	Women's Restroom	Wall	Concrete	B	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	96	0	mg/cm2	Negative	1	1/11/2024	9:28:04	S.SUAREZ	100-20	Interior	Women's Restroom	Wall	Concrete	C	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	97	0	mg/cm2	Negative	1	1/11/2024	9:28:17	S.SUAREZ	100-20	Interior	Women's Restroom	Wall	Concrete	D	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	98	0.1	mg/cm2	Negative	1	1/11/2024	9:28:34	S.SUAREZ	100-20	Interior	Women's Restroom	Wall	Ceramic	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	99	0	mg/cm2	Negative	1	1/11/2024	9:28:48	S.SUAREZ	100-20	Interior	Women's Restroom	Wall	Ceramic	C	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	100	0	mg/cm2	Negative	1	1/11/2024	9:29:02	S.SUAREZ	100-20	Interior	Women's Restroom	Wall	Ceramic	B	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	101	0	mg/cm2	Negative	1	1/11/2024	9:29:17	S.SUAREZ	100-20	Interior	Women's Restroom	Wall	Ceramic	A	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	102	0	mg/cm2	Negative	1	1/11/2024	9:29:34	S.SUAREZ	100-20	Interior	Women's Restroom	Partition	Ceramic	-	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	103	0	mg/cm2	Negative	1	1/11/2024	9:29:53	S.SUAREZ	100-20	Interior	Women's Restroom	Partition	Concrete	-	Yellow	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	104	0.2	mg/cm2	Negative	1	1/11/2024	9:30:22	S.SUAREZ	100-20	Interior	Women's Restroom	Floor	Ceramic	-	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	105	0.3	mg/cm2	Negative	1	1/11/2024	9:30:45	S.SUAREZ	100-20	Interior	Women's Restroom	Sink	Porcelain	C	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	106	0	mg/cm2	Negative	1	1/11/2024	9:31:02	S.SUAREZ	100-20	Interior	Women's Restroom	Toilet	Porcelain	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	107	0	mg/cm2	Negative	1	1/11/2024	9:31:23	S.SUAREZ	100-20	Interior	Women's Restroom	Door	Wood	B	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	108	0	mg/cm2	Negative	1	1/11/2024	9:31:48	S.SUAREZ	100-20	Interior	Women's Restroom	Door Frame	Wood	B	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	109	0	mg/cm2	Negative	1	1/11/2024	9:32:00	S.SUAREZ	100-20	Interior	Women's Restroom	Window	Metal	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	110	0	mg/cm2	Negative	1	1/11/2024	9:32:15	S.SUAREZ	100-20	Interior	Women's Restroom	Window Frame	Metal	D	White	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	111	0.2	mg/cm2	Negative	1	1/11/2024	9:34:01	S.SUAREZ	100-20	Interior	Women's Restroom	Ceiling	Metal	-	Gray	Intact	-
GIMNASIO MUNICIPAL DE SABANA GRANDE	112	0	mg/cm2	Negative	1	1/11/2024	9:34:31	S.SUAREZ	100-20	Interior	Restroom	Ceiling	Concrete	-	White	Intact	-

GIMNASIO MUNICIPAL DE SABANA GRANDE - XRF SHEET

GIMNASIO MUNICIPAL DE SABANA GRANDE	114	0	mg/cm2	Negative	1	1/11/2024	9:35:08	S.SUAREZ	100-20	Interior	Women's Restroom	Partition	Concrete	-	Yellow	Intact	DUPLICATED READINGS
GIMNASIO MUNICIPAL DE SABANA GRANDE	114	0.1	mg/cm2	Negative	1	1/11/2024	9:35:17	S.SUAREZ	100-20	Interior	Women's Restroom	Floor	Ceramic	-	Gray	Intact	DUPLICATED READINGS
GIMNASIO MUNICIPAL DE SABANA GRANDE	115	0.1	mg/cm2	Negative	1	1/11/2024	9:35:25	S.SUAREZ	100-20	Interior	Women's Restroom	Sink	Porcelain	C	White	Intact	DUPLICATED READINGS
GIMNASIO MUNICIPAL DE SABANA GRANDE	116	0.1	mg/cm2	Negative	1	1/11/2024	9:35:33	S.SUAREZ	100-20	Interior	Women's Restroom	Toilet	Porcelain	D	White	Intact	DUPLICATED READINGS
GIMNASIO MUNICIPAL DE SABANA GRANDE	117	0	mg/cm2	Negative	1	1/11/2024	9:35:41	S.SUAREZ	100-20	Interior	Women's Restroom	Door	Wood	B	Gray	Intact	DUPLICATED READINGS
GIMNASIO MUNICIPAL DE SABANA GRANDE	118	0	mg/cm2	Negative	1	1/11/2024	9:35:55	S.SUAREZ	100-20	Interior	Women's Restroom	Door Frame	Wood	B	Gray	Intact	DUPLICATED READINGS
GIMNASIO MUNICIPAL DE SABANA GRANDE	119	0	mg/cm2	Negative	1	1/11/2024	9:36:04	S.SUAREZ	100-20	Interior	Women's Restroom	Window	Metal	D	White	Intact	DUPLICATED READINGS
GIMNASIO MUNICIPAL DE SABANA GRANDE	120	0	mg/cm2	Negative	1	1/11/2024	9:36:13	S.SUAREZ	100-20	Interior	Women's Restroom	Window Frame	Metal	D	White	Intact	DUPLICATED READINGS
GIMNASIO MUNICIPAL DE SABANA GRANDE	121	0	mg/cm2	Negative	1	1/11/2024	9:36:19	S.SUAREZ	100-20	Interior	Women's Restroom	Ceiling	Metal	-	Gray	Intact	DUPLICATED READINGS
GIMNASIO MUNICIPAL DE SABANA GRANDE	122	0	mg/cm2	Negative	1	1/11/2024	9:36:27	S.SUAREZ	100-20	Interior	Restroom	Ceiling	Concrete	-	White	Intact	DUPLICATED READINGS
-	123	1	mg/cm2	Positive	1	1/11/2024	9:36:47	S.SUAREZ	-	-	Calibration	-	-	-	-	-	-
-	124	1	mg/cm2	Positive	1	1/11/2024	9:37:04	S.SUAREZ	-	-	Calibration	-	-	-	-	-	-
-	125	1	mg/cm2	Positive	1	1/11/2024	9:37:22	S.SUAREZ	-	-	Calibration	-	-	-	-	-	-

Attachment 4

Representative Pictures\Photograph Log

Sixto Suárez
NORTOL. Environmental & Occupational Safety, Inc.

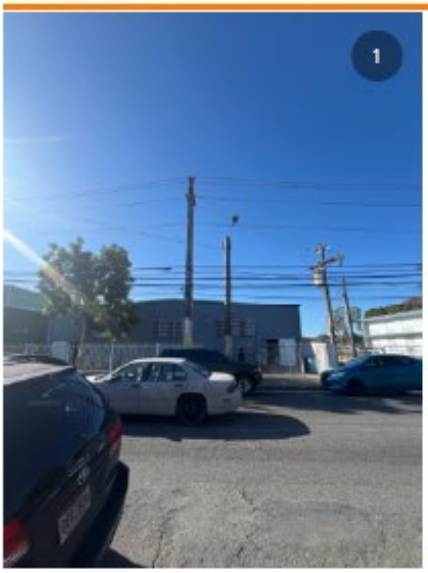
GIMNASIO MUNICIPAL DE SABANA GRANDE - LBP SURVEY PHOTO LOG

Built circa: Not available at the moment of the inspection

Thursday, January 11, 2024

Prepared For Figueroa & Figueroa Arquitectos

Carretera 102-Francisco Mariano Quiñones, Sabana Grande PR 00637

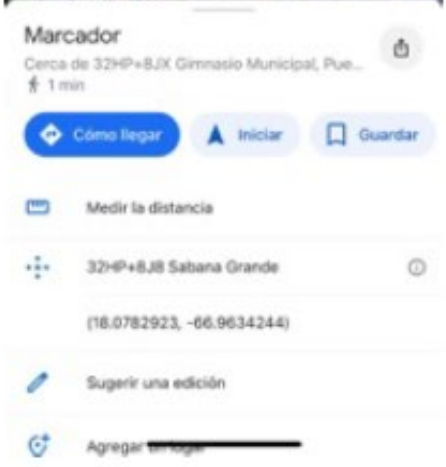


FRONT VIEW:

(18.0782923, -66.9634244)

LOCATION:

(18.0782923, -66.9634244)



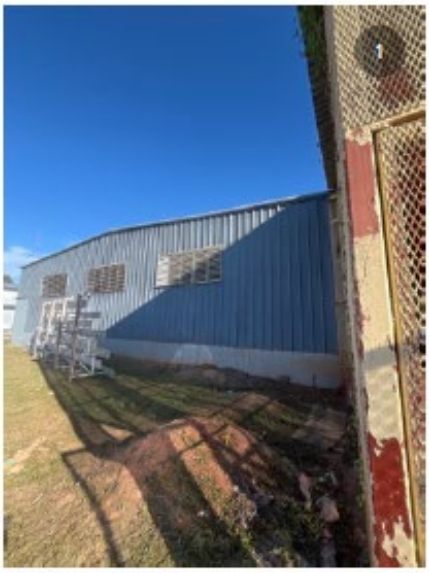
SCOPE OF WORK:

Full inspection A/L.

EXTERIOR GENERAL VIEWS SIDE A:

EXTERIOR GENERAL VIEWS SIDE B:

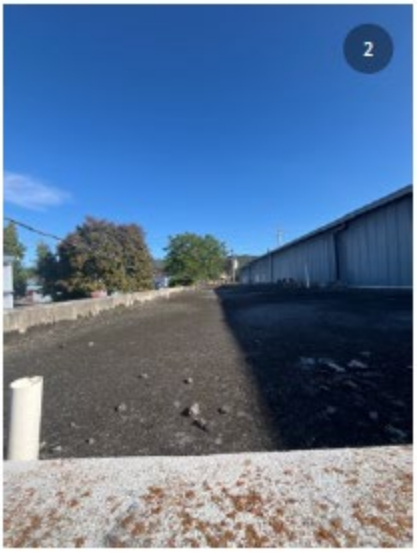
EXTERIOR GENERAL VIEWS SIDE C:

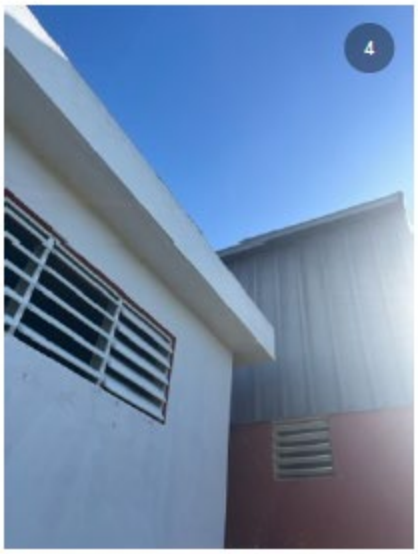


EXTERIOR GENERAL VIEWS SIDE D:

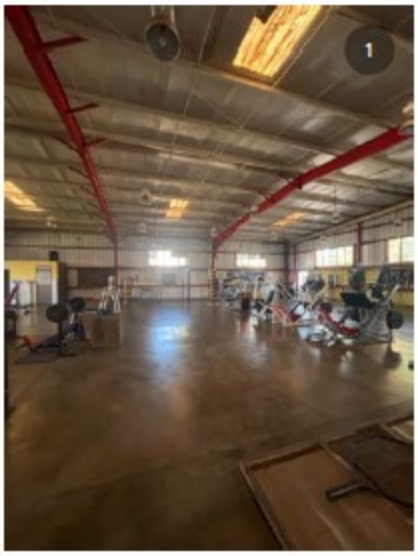
GENERAL VIEWS: ROOF

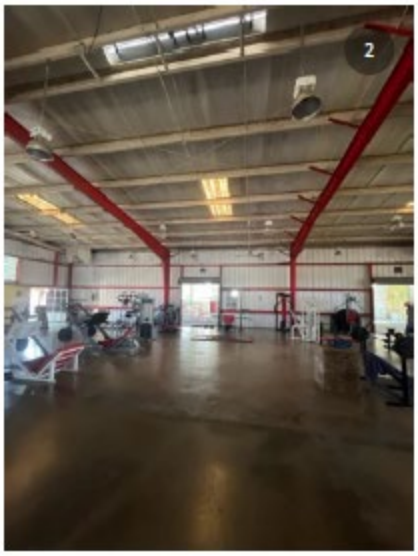
Roof of main building is on metal material.



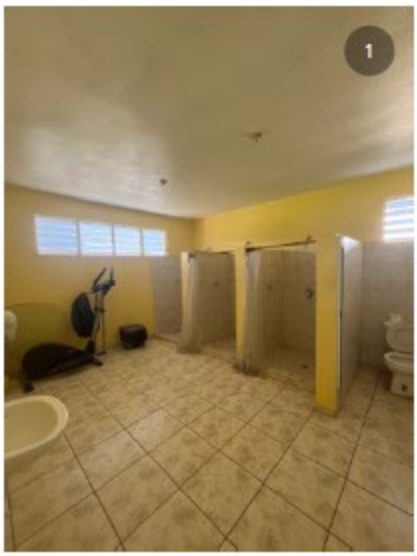


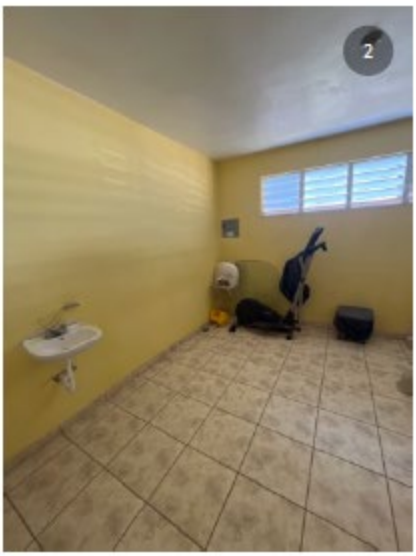
INTERIOR GENERAL VIEWS:





INTERIOR GENERAL VIEWS:



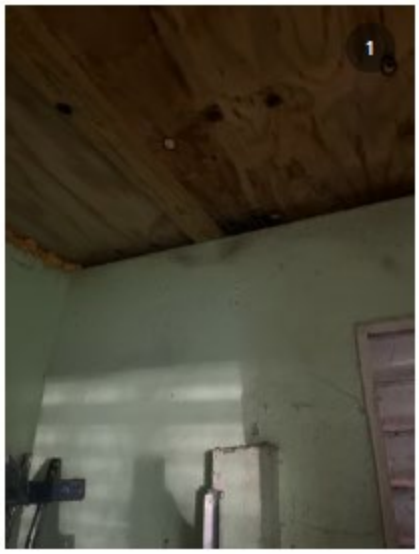


IS THERE ANY AREA WITHOUT ACCESS?

All areas were accessible.

IS THERE ANY VISIBLE INDICATION OF MOLD?

Yes, mold was found visible at the moment of the inspection.



1

ARE THERE SIGNS OF POOR HOUSEKEEPING ON SITE? (MOUNDS OF RUBBLE, GARBAGE, STORM DEBRIS, SOLID WASTE, PETROLEUM PRODUCTS, PAINT, PESTICIDES, CLEANING FLUIDS, VEHICLE BATTERIES, ABANDONED VEHICLES, PITS, POOLS, PONDS OF HAZARDOUS SUBSTANCES, ETC.)

Not found visible at the moment of the inspection.

1

ARE ANY ADDITIONAL SITE HAZARDS OBSERVED?

Not found visible at the moment of the inspection.

1

LBP DETECTED?

No LBP detected at the moment of the inspection.

Attachment 5

Certification for Non-Presence LBP

CERTIFICACION DE NO PRESENCIA DE PINTURA CON BASE DE PLOMO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PGC-_____
PARA USO OFICIAL

SUBMITTED AS SEPARATE DOCUMENT

GOBIERNO DE PUERTO RICO
OFICINA DEL GOBERNADOR
JUNTA DE CALIDAD AMBIENTAL

Área de Calidad de Agua

Forma PGC-010

CERTIFICACION DE NO PRESENCIA DE PINTURA CON BASE DE PLOMO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

NUM. PERMISO: _____

Yo, Sixto Suárez (Inspector o Evaluador de Riesgos), mayor de edad, casado (Estado Civil), y vecino de Juana Díaz P.R. (Municipio)

Dirección Postal PO Box 366457 San Juan, P.R (Pueblo) 00936-6457 (Zip Code)

Teléfonos Residencial: (787) 453-6127 Oficina: (787) 420- 0220

Certifico que:

1. Estoy certificado por la Junta de Calidad Ambiental como (**X** Inspector / __ Evaluador de Riesgos) con Número de Certificación LBPI-08923-114, la cual se encuentra vigente.
2. La estructura Gimnasio Municipal localizada en carretera 102-Francisco Mariano Quiñones, Sabana Grande, P.R., la cual será objeto de una demolición se encuentra libre de pintura con base de plomo.
3. La información antes indicada es cierta y correcta.
4. Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.
5. Para que así conste, firmo la presente certificación en Sabana Grande (Municipio) de Puerto Rico, hoy día 11 de enero de 2024

_____
Firma del Inspector o Evaluador de Riesgos (en original)

Nota : Deberá someter evidencia de la tarjeta o certificado 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

Attachment 6

XRF Performance Characteristic Sheet

Performance Characteristic Sheet

EFFECTIVE DATE: **September 1, 2022**

MANUFACTURER AND MODEL:

Make: *Heuresis*
Models: *Model Pb200i, Pb200e*
Source: *^{57}Co, 5 mCi (nominal – new source)*

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level 1.0 mg/cm²

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm² (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm²)
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

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

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm² for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm² at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm². Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.

Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.

For each substrate type (the 1.02 mg/cm² NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):

Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm²

Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

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

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

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

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

Square the average for each testing combination.

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

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

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

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

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

Compute the average of all ten original XRF readings.

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

Find the absolute difference of the two averages.

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

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

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	**Mean Reading Time (seconds)**	**Standard Deviation (seconds)**
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

Attachment 7.5 Memo for Justification for the Infeasibility and Impracticability of Radon Testing

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF HOUSING

Memorandum to File

Date: October 22, 2024

From: Javier Vélez Arocho/Diatom Environmental Services, LLC
Environmental Consultant
CDBG/DR Program
City Revitalization Program
Puerto Rico Department of Housing

Application Number: PR-CRP-001094
Project: GIMNASIO MUNICIPAL Improvement Project (PR-CRP-001094)

Re: Justification for the Infeasibility and Impracticability of Radon Testing

After reviewing Application Number PR-CRP-001094 under the City Revitalization Program Program, administered by the Puerto Rico Department of Housing (**PRDOH**), to complete the property's contamination analysis in accordance with 24 C.F.R. § 50.3(i) and 24 C.F.R. § 58.5(i), we have determined that testing the property's radon levels is infeasible and impracticable.

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

- As required by the CPD Notice 23-103, the scientific data reviewed in lieu of testing must consist of a minimum of ten documented test results over the previous ten years. If there are less than ten documented results over this period, it is understood that there is a lack of scientific data. The latest report for radon testing in Puerto Rico was prepared in 1995 by the U.S. Department of the Interior in Cooperation with the U.S. Environmental Protection Agency. No other completed studies and reports on radon testing are available in Puerto Rico.

- There is no available science-based or state-generated information for Puerto Rico for the last ten years that can be used to determine whether the project site is in a high-risk area. The Department of Health and Human Services, Centers for Disease Control and Prevention (**CDC**), National Environmental Public Health Tracking, and Radon Testing map do not include Puerto Rico data.

Barbosa Ave. #606 , Building Juan C. Cordero Dávila, Río Piedras, PR 00918 | PO Box 21365 San Juan, PR 00928-1365
Tel. (787) 274-2527 | www.vivienda.pr.gov

- There are only two (2) licensed professionals in Puerto Rico who can conduct radon testing using the American National Standards Institute/American Association of Radon Scientists and Technologists (**ANSI**/**AARST**) testing standards, which makes it difficult, time-consuming, and highly expensive to coordinate and secure a site visit for the contamination evaluation.

- Do-it-yourself (**DIY**) radon test kits are known to be unreliable in assuring and controlling the quality of the test results; they are not readily available in Puerto Rico, and the cost and time required for purchasing and sending them for analysis are unreasonable when weighed against the results' reliability and the need for prompt results.

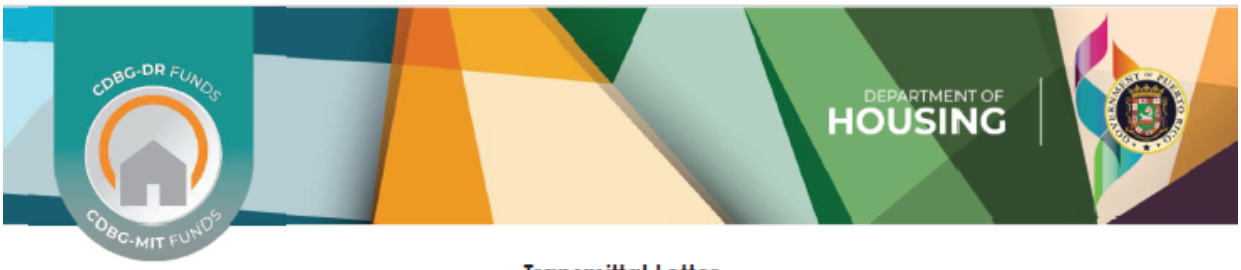
- Local authorities in Puerto Rico do not have the specialized radon monitoring equipment or trained staff needed to conduct the radon testing analysis and ensure proper quality control and quality assurance practices are adhered to. We also do not have a radiation laboratory certified for radon testing.

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

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

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

Attachment 8 Endangered Species
8.1 USFWL Self-Certification



Transmittal Letter

January 30, 2024

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

Reviewer DAMARIS ROMAN RUIZ Digitally signed by DAMARIS ROMAN RUIZ Date: 2024.02.01 07:47:01 -04'00'

LOURDES MENA Digitally signed by LOURDES MENA Date: 2024.02.06 10:32:14 -04'00' Adobe Acrobat version: 2023.006.20470

Acting Caribbean ES Field Supervisor

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

RE: USFWS Endangered Species Act Certifications
City Revitalization Program
January 2024

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

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

Project Number	Project Name
PR-CRP-000073	Reconstrucción Edificio: Colaboratorio Tecnológico
PR-CRP-000127	Mejoras a la Plaza Pública José Ramón Figueroa Rivera
PR-CRP-000135	Centro Multidisciplinario de Servicios a la Comunidad
PR-CRP-000338	Mejoras a la Plaza de la Identidad
PR-CRP-000783	Centro de Actividades Municipal
PR-CRP-000996	Cine/Teatro Esperanza
PR-CRP-001094	Gimnasio Municipal

For more information, please contact the Permits and Environmental Compliance Division at environmentcdbg@vivienda.pr.gov or at (787)274.2527 ext. 4320.

Sincerely,

Permits and Environmental Compliance Division
Office of Disaster Recovery

Self-Certification

http://www.fws.gov/caribbean/ES/Index.html

Endangered Species Act Certification

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

Puerto Rico Department of Housing (PRDOH) certifies that the following project, **Gimnasio Municipal (PR-CRP-001094)**, consisting of improvements to the building including, painting, corrugated ceiling, plastering, luminaires, electrical wiring, and plumbing; located by PR-102 Road, Francisco Mariano Quinones Street, Sabana Grande, PR 00637; coordinates 18.078322, -66.963442, complies with:

Check	Project Criteria
☐	1. Street resurfacing.
☐	2. Construction of gutters and sidewalks along existing roads.
☐	3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
☐	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
☐	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
☐	6. Rebuilding of demolished single-family homes or buildings, provided

	that the new construction is within the existing footprint of the previous structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
☐	7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
☒	8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
☐	9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
☐	10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
☐	11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

Jan. 12, 2024

Ángel G. López-Guzmán
Deputy Director
Permits and Environmental Compliance Division

Office of Disaster Recovery
Address: P.O. Box 21365 San Juan, PR 00928
Telephone and Ext: 787-274-2527 ext. 4320
Email: environmentcdbg@vivienda.pr.gov

Date

Attachment 1

Maps

Google Maps Gimnasio Municipal

PR-CRP-001094
18.078322, -66.963442

Project Location Map

N

https://www.google.com/maps/place/Gimnasio+Municipal/@18.0782427,-66.9630964,215m/data=!3m1!1e3!4m6!3m5!1s0x8c1d350f88a641a9:0xe194962f57765e6a!8m2!3d18.0783544!4d-66.9633941

11/27/23

18.078322, -66.963442

Critical Habitat for Threatened & Endangered Species [USFWS]

PR-CRP-001094

A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

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

https://fws.maps.arcgis.com/home/webmap/print.html

U.S. Fish and Wildlife Service
National Wetlands Inventory

PR-CRP-001094

18.078322, -66.963442

November 27, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

N

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

U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

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

Attachment 2

IPaC Report

IPaC **U.S. Fish & Wildlife Service**

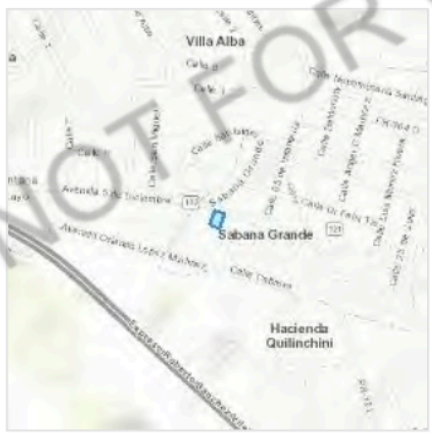
IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Sabana Grande County, Puerto Rico



Local office

Caribbean Ecological Services Field Office

(787) 834-1600
(787) 851-7440
CARIBBEAN_ES@FWS.GOV

MAILING ADDRESS
Post Office Box 491
Boqueron, PR 00622-0491

PHYSICAL ADDRESS
Office Park I
State Road #2 Km 156.5, Suite 303}
Mayaguez, PR 00680

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Reptiles

NAME	STATUS
Puerto Rican Boa Chilabothrus inornatus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6628	Endangered

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

There are no documented cases of eagles being present at this location. However, if you believe eagles may be using your site, please reach out to the local Fish and Wildlife Service office.

Additional information can be found using the following links:

- Eagle Managment https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf

- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply). To see a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs of bald and golden eagles in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur. Please contact your local Fish and Wildlife Service Field Office if you have questions.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.

2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

The data in this location indicates there are no migratory birds of conservation concern expected to occur in this area.

There may be migratory birds in your project area, but we don���t have any survey data available to provide further direction. For additional information, please refer to the links above for recommendations to minimize impacts to migratory birds or contact your local FWS office.

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the RAIL Tool and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the NWI map to view wetlands at this location.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also

been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Attachment 3

Supporting Documents

U.S. FISH AND WILDLIFE SERVICE
CARIBBEAN ECOLOGICAL SERVICES FIELD OFFICE

Conservation Measures for the Puerto Rican boa (*Chilabothrus inornatus*)

Section 7 (a)(1) of the Endangered Species Act (ESA) charges Federal agencies to aid in the conservation of listed species, and section 7 (a)(2) requires the agencies, through consultation with the U.S. Fish and Wildlife Service (Service), to ensure their activities are not likely to jeopardize the continued existence of listed species or adversely modify designated critical habitats. Section 7 applies to the management of Federal lands as well as Federal actions that may affect listed species, such as Federal approval of private activities through the issuance of Federal funding, permits, licenses, or other actions. Any person that injures, captures, or kills a Puerto Rico boa is subject to penalties under the ESA. If Federal funds or permits are needed, the funding or permitting agency should initiate Section 7 consultation with the Service. To initiate a consultation under the Section 7 of the ESA, you must submit a project package with the established minimum requirements. These conservation measures should be incorporated into the project plans to minimize possible impacts to the species.

The endangered Puerto Rican (PR) boa (*Chilabothrus inornatus*, formerly *Epicrates inornatus*) is the largest endemic snake species that inhabits Puerto Rico. The PR boa is non-venomous and does not pose any life threatening danger to humans, but some individuals may try to bite if disturbed or during capture or handling. Its body color ranges from tan to dark brown with irregular diffuse marking on the dorsum, but some individuals lack marking and are uniformly dark. Juveniles may have a reddish color with more pronounced markings. In general, as they mature, their body color tends to darken.

Last Revised: November 2020

The Puerto Rican boa was federally listed in 1970. Currently, the species has an island-wide distribution and occurs in a wide variety of habitat types ranging from wet montane to subtropical dry forest, and can be found from mature forest to areas with different degrees of human disturbance like roadsides or houses, especially if near their habitat in rural areas. This boa is considered mostly nocturnal, remaining less active, concealed or basking under the sun during the day.

The Service has developed the following conservation measures with the purpose of assisting others to avoid or minimize adverse effects to the PR boa and its habitat. These recommendations may be incorporated into new project plans and under certain circumstances into existing projects. Depending on the project, additional conservation measures can be implemented besides the ones presented in this document.

Conservation Measures:

1. Inform all project personnel about the potential presence of the PR boa in areas where the proposed work will be conducted. A pre-construction meeting should be conducted to inform all project personnel about the need to avoid harming the species as well as penalties for harassing or harming PR boas. An educational poster or sign with photo or illustration of the species should be displayed at the project site.

2. Prior to any construction activity, including removal of vegetation and earth movements, the boundaries of the project and areas to be excluded and protected should be clearly marked in the project plan and in the field in order to avoid further habitat degradation into forested and conservation areas.

3. Once areas are clearly marked, and prior to the use of heavy machinery and any construction activity (including removal of vegetation and earth movement), a biologist or personnel with experience on this species should survey the areas to be cleared to verify the presence of any PR boa within the work area.

4. The PR boa is considered more active at night. Thus, in order to maximize its detection, the species should be searched at nights prior to habitat disturbance.

5. Once the area has been searched for PR boas, vegetation should first be cleared by hand to the maximum extent possible. Vegetation should be cut about one meter above ground prior to the use of heavy machinery for land clearing. Cutting vegetation by hand will allow boas present on site to move away on their own to adjacent available habitat. Any stone walls or naturally occurring rock piles must be carefully dismantled by hand as these are refuges for the snake. This will allow any boas present to vacate the site without injury.

6. For all boa sightings (dead or alive), record the time and date of the sighting and the specific location where it was found. PR boa data should also include a photo of the animal (dead or alive), site GPS coordinates, the time and date, and comments on how the animal was detected and its behavior.

7. If a PR boa is found within any of the working or construction areas, activities should stop at that area and information recorded (see #6). **Do not capture the boa.** If boas need to be moved out of harm's way, designated personnel shall immediately contact the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers for safe capture and relocation of the animal (PRDNER phone #s: ((787) 724-5700, (787) 230-5550, (787) 771-1124). If immediate relocation is not an option, project-related activities at this area must stop until the boa moves out of harm's way on its own. Activities at other work sites, where no boas have been found after surveying the area, may continue.

8. If a PR boa is captured by the PRDNER, record the name of the PRDNER staff and information on where the PR boa will be taken. This information should be reported to the Service.

9. Measures should be taken to avoid and minimize PR boa casualties by heavy machinery or motor vehicles being used on site. Any heavy machinery left on site (staging) or near potential PR boa habitat (within 50 meters of potential boa habitat), needs to be thoroughly inspected each morning before work starts to ensure that no boas have sheltered within engine compartments or other areas of the equipment. If PR boas are found within vehicles or equipment, do not capture the animal and let it move on its own or call PRDNER Rangers for safe capture and relocation of the animal (see #7). If not possible, the animal should be left alone until it leaves the vehicle on its own.

10. PR boas may seek shelter in debris piles. Measures should be taken to avoid and minimize boa casualties associated with sheltering in debris piles as a result of project activities. Debris piles should be placed far away from forested areas. Prior to moving, disposing or shredding, debris piles should be carefully inspected for the presence of boas. If debris piles will be left on site, we recommend they be placed in areas that will not be disturbed in the future.

11. If a dead PR boa is found, immediately cease all work in that area and record the information accordingly (see #6). If the PR boa was accidentally? killed as part of the project actions, please include information on what conservation measures had been implemented and what actions that will be taken to avoid further killings. A dead boa report should be sent by email (see contacts below) to the Service within 48 hours of the event.

12. Projects must comply with all state laws and regulations. Please contact the PRDNER for further guidance.

If you have any questions regarding the above conservation measures, please contact the Service:

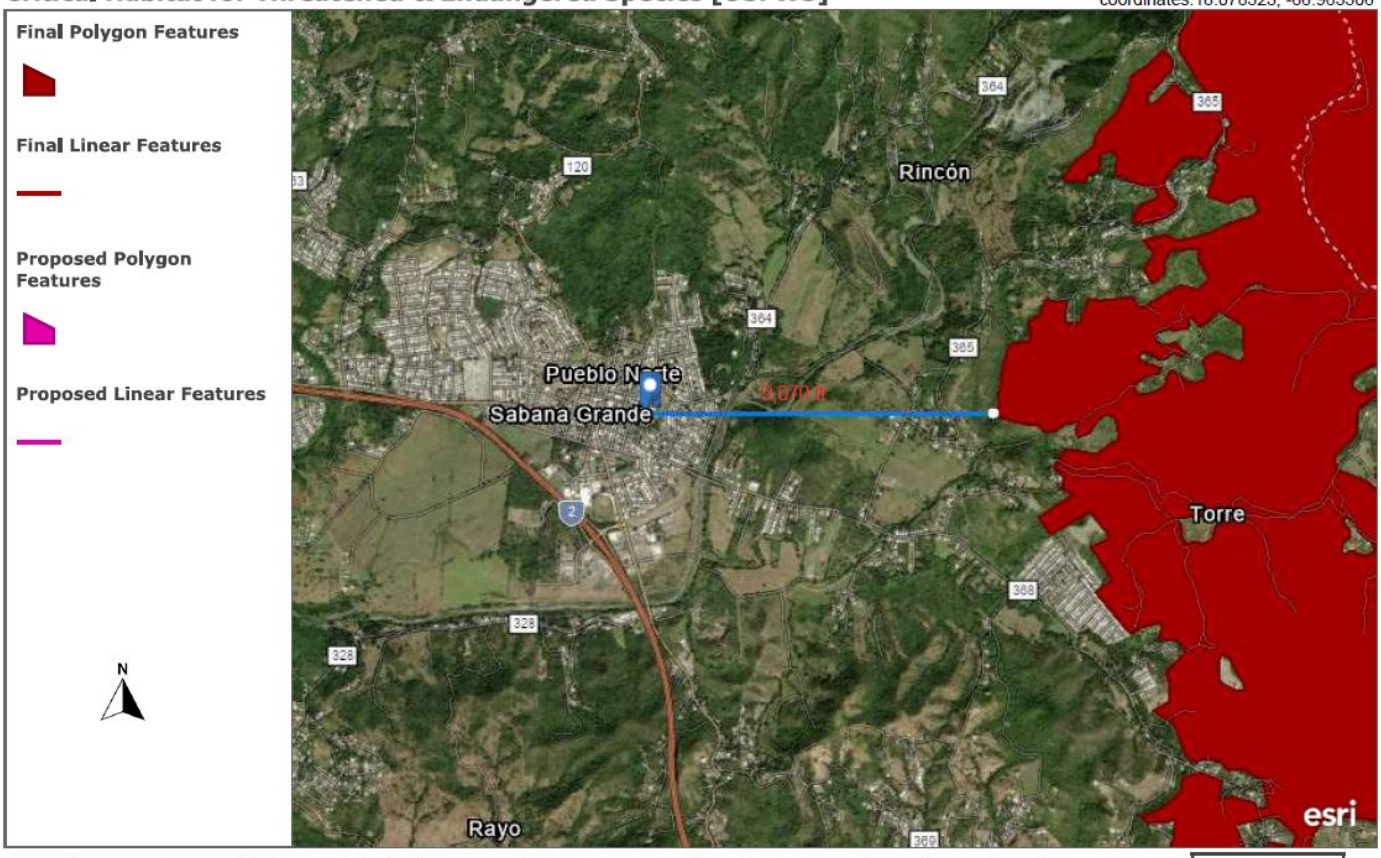
- Marelisa Rivera, Deputy Field Supervisor
  - Email: marelisa_rivera@fws.gov
  - Office phone (786) 244-0081 or mobile (305) 304-1814
- José Cruz-Burgos, Endangered Species Coordinator
  - Email: jose_cruz-burgos@fws.gov
  - Office phone (786) 244-0081 or mobile (305) 304-1386

Last Revised: November 2020

Attachment 8.2 Critical Habitat Map

PR-CRP-001094 Gimnasio Municipal
Highway 102 Francisco Mariano Quiñones/People's Sports Complex, Adjacent to Police Headquarters, Pueblo Ward, Sabana Grande, PR 00637
coordinates:18.078323, -66.963506

Critical Habitat for Threatened & Endangered Species [USFWS]



A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

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

Legend:

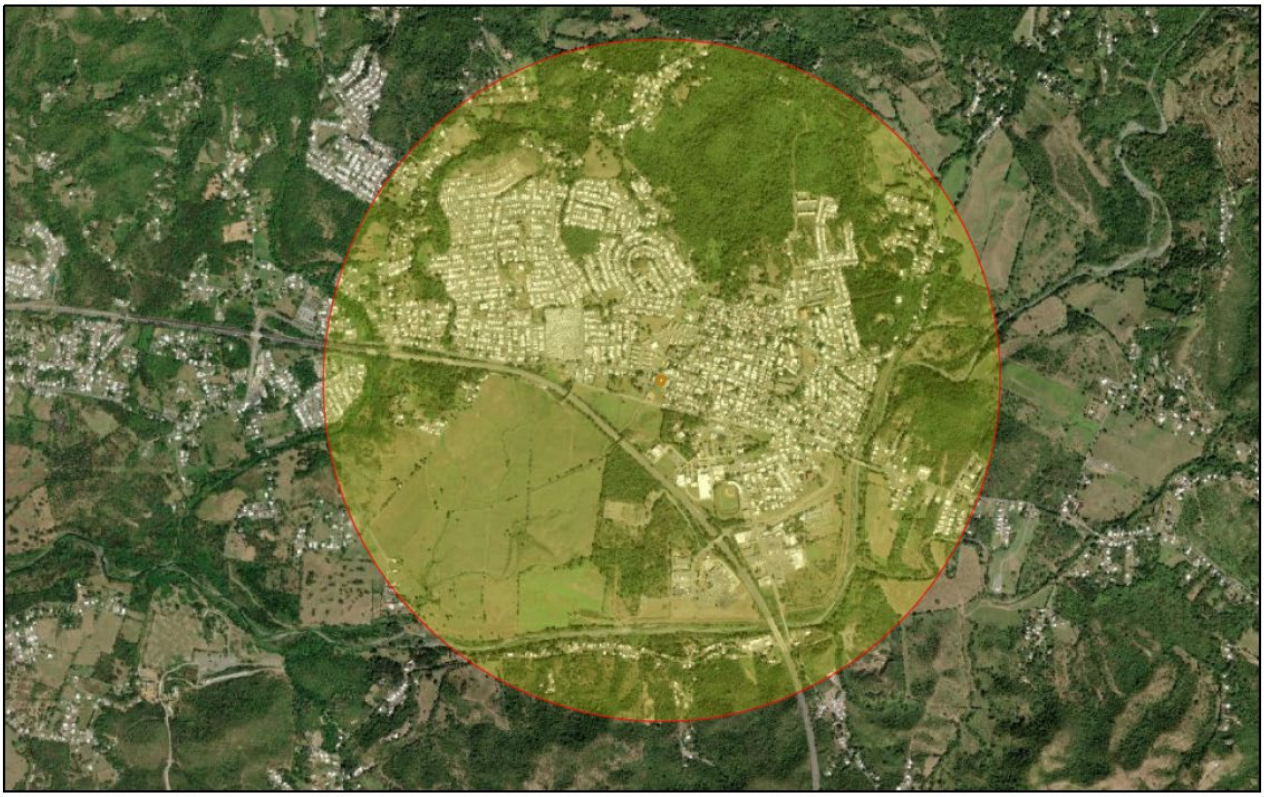
Project Site

https://fws.maps.arcgis.com/home/webmap/print.html

Attachment 9 Explosive and Flammable Hazards

Attachment 9.1 Explosive and Flammable Hazards Map

PR-CRP-001094 Gimnasio Municipal
Highway 102 Francisco Mariano Quiñones/People's Sports Complex, Adjacent to Police Headquarters, Pueblo Ward, Sabana Grande, PR 00637
coordinates: 18.078323, -66.963506



August 23, 2024

Project Buffer (1 Mile)

Project Site

1:25,000

0 0.2 0.4 0.8 mi

0 0.33 0.65 1.3 km

Maxar

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

Attachment 9.2 Field Visit Checklist & Site Evaluation

Field Visit Checklist & Site Evaluation

Project Name:	CRP-0001094 Gimnasio Municipal			Latitude:		18.078290,	
First Name:	Arq. Pablo	Last Name:	Figueroa	Longitude:		-66.963416	
Street Address:	Carretera 102-Francisco Mariano Quiñones			Apt/Suite:			
City:	Sabana Grande			State:	PR	Zip:	00637
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	<400ft.

Toxic Chemicals & Radioactive Materials

Petroleum or Chemical Storage

	Site Specific	Area
Is there any evidence or indication of an underground storage tank (UST) may be located on site?	No	Yes, more than 2,000 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

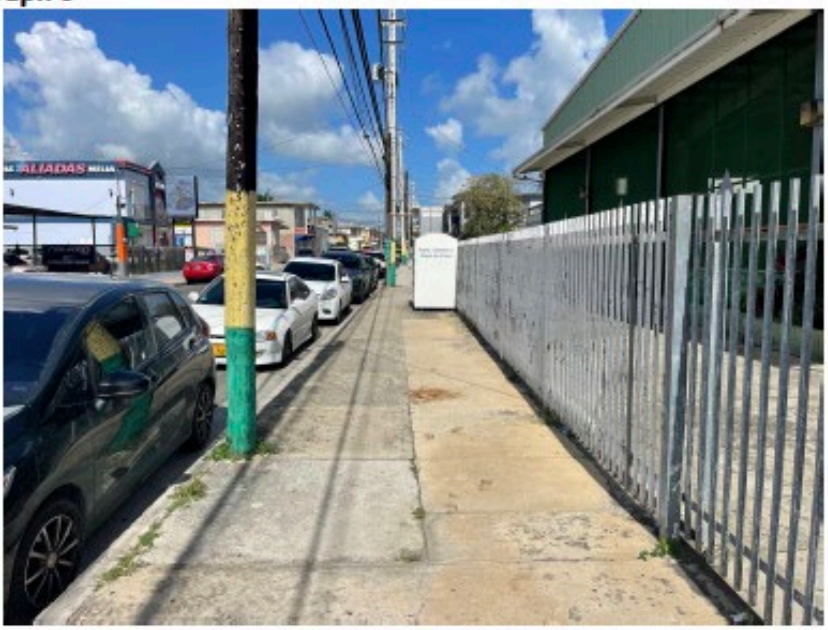
Notes/Observations:

The Surroundings of the Municipal Gymnasium 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 88F. The area has been impacted for decades of heavy residential and commercial uses. There is no presence of important natural resources on site. No gas lines were visible in or around the proposed site. The Río Guanajibo Flood Control project is more than 1000 ft East of the site. The project was built in the 1980s and was repaired after Hurricane María in 2017-2018. Several chemical manufacturing operations are located more than 2,000 feet from the site. There are bakeries and food markets with diesel generators in the area.

Photograph 1

Photograph 2

Photograph 3

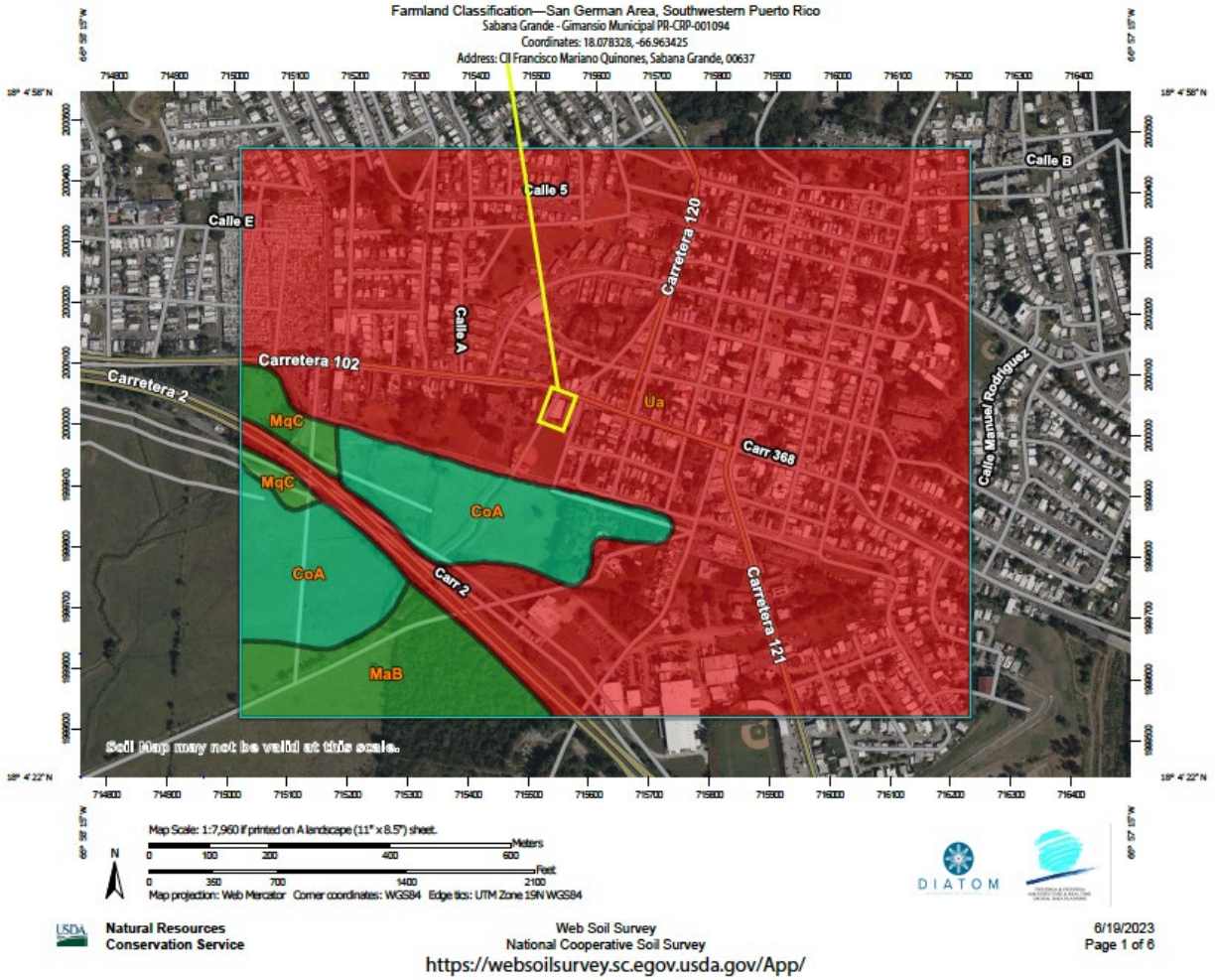


Photograph 4

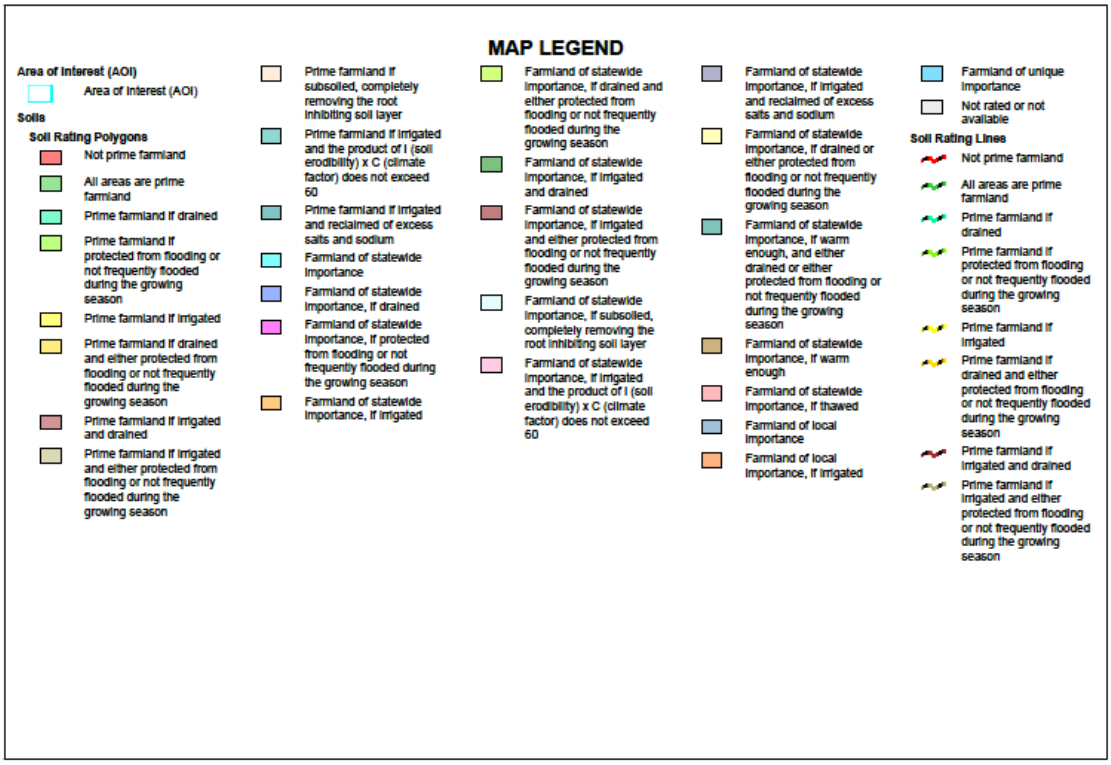
Photograph 5

Photograph 6

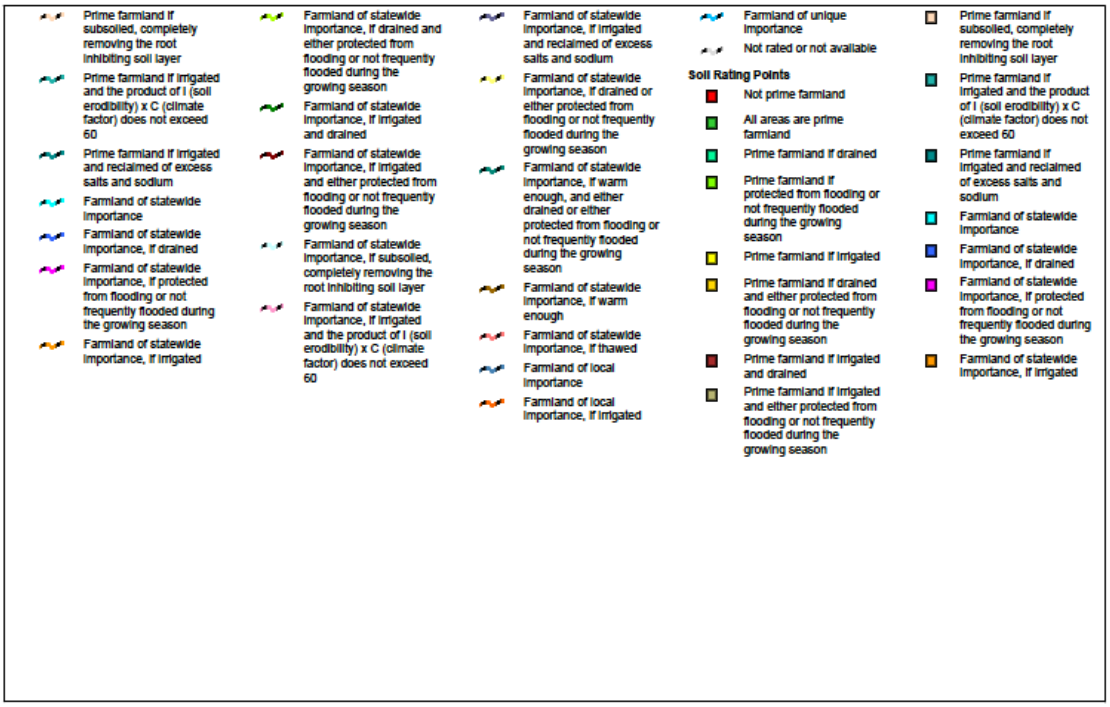
Attachment 10 Farmlands Protection Map

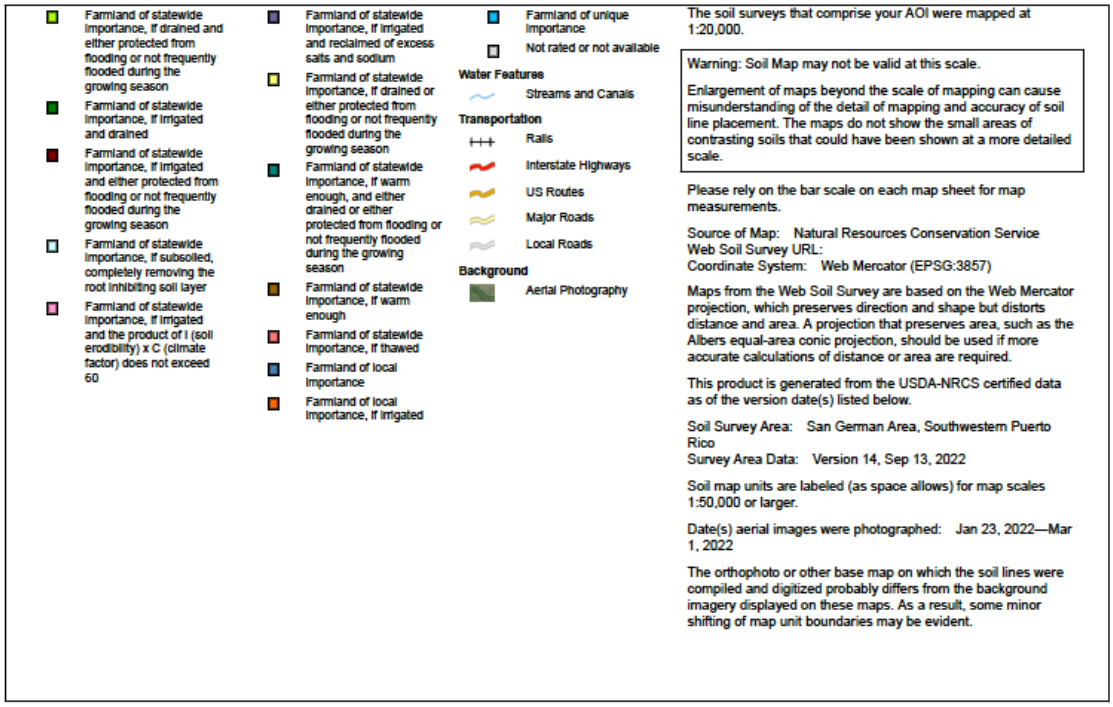


Farmland Classification—San German Area, Southwestern Puerto Rico
(Sabana Grande - Gimnasio Municipal)



Farmland Classification—San German Area, Southwestern Puerto Rico
(Sabana Grande - Gimnasio Municipal)




Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated and drained
Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough
Farmland of statewide importance, if thawed
Farmland of local importance
Farmland of local importance, if irrigated
Farmland of unique importance
Not rated or not available
Water Features
Streams and Canals
Transportation
Rails
Interstate Highways
US Routes
Major Roads
Local Roads
Background
Aerial Photography
The soil surveys that comprise your AOI were mapped at 1:20,000.
Warning: Soil Map may not be valid at this scale.
Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.
Please rely on the bar scale on each map sheet for map measurements.
Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)
Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.
This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.
Soil Survey Area: San German Area, Southwestern Puerto Rico
Survey Area Data: Version 14, Sep 13, 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
CoA	Coloso clay, 0 to 2 percent slopes, occasionally flooded	Prime farmland if drained	30.6	10.9%
MaB	Mabi clay, 2 to 5 percent slopes, rarely flooded	All areas are prime farmland	16.5	5.9%
MqC	Montegrande clay, 2 to 12 percent slopes	All areas are prime farmland	4.8	1.7%
Ua	Urban land	Not prime farmland	229.3	81.5%
Totals for Area of Interest			**281.3**	**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.

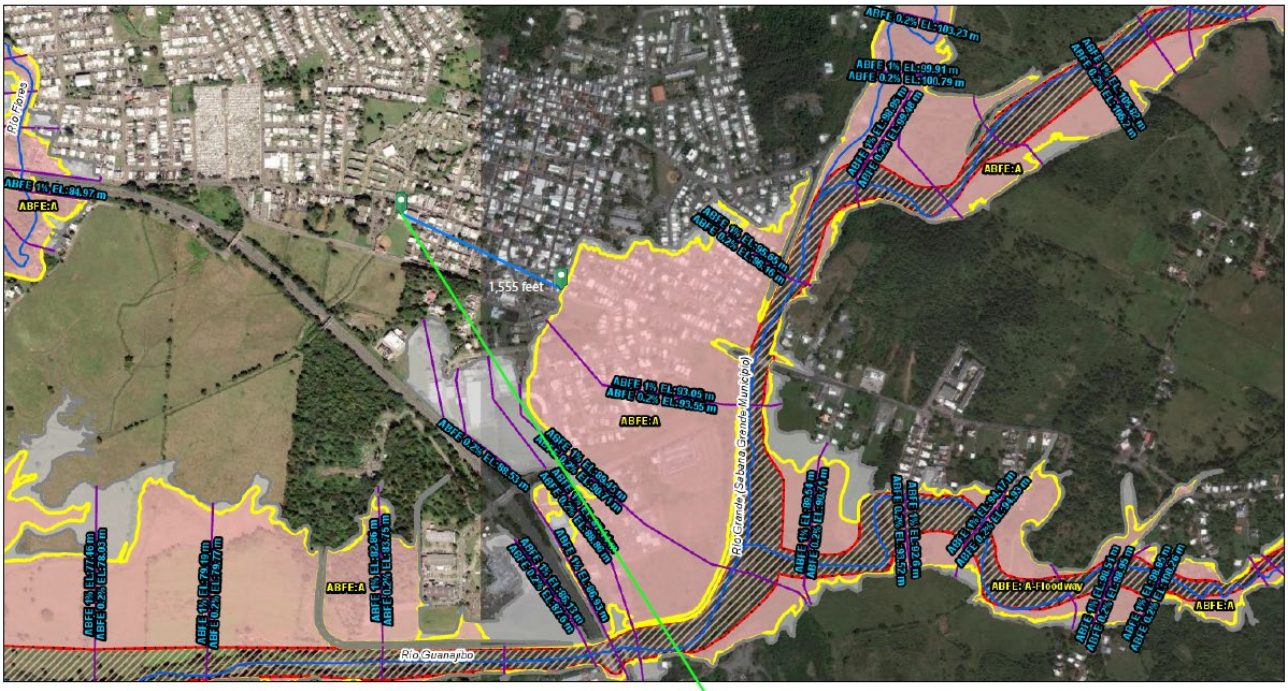
The majority of soil attributes are associated with a component of a map unit, and such an attribute has to be aggregated to the map unit level before a thematic map can be rendered. Map units, however, also have their own attributes. An attribute of a map unit does not have to be aggregated in order 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.

Attachment 11 Floodplain Management

Sabana Grande Gimnasio Municipal PR-CRP-001094



6/19/2023, 3:33:36 PM

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)

Coordinates: 18.078328, -66.963425
Address: Cll Francisco Mariano Quinones, Sabana Grande, 00637

1:9,028
0 0.1 0.2 0.4 mi
0 0.15 0.3 0.6 km

FEMA, Maxar

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

ArcGIS Web AppBuilder
FEMA | Maxar |

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

Wednesday, January 10, 2024

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

SHPO: 12-22-23-03 SABANA GRANDE, PUERTO RICO DISASTER RECOVERY, CDBG-DR CITY REVITALIZATION PROGRAM (CRP), PR-CRP-001094, GIMNASIO MUNICIPAL PROJECT, SABANA GRANDE, PUERTO RICO

Dear Ms. Poche,

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

After a review of all the documentation, the PRSHPO concurs with your determination that the proposed project will have **no adverse effect** upon historic properties.

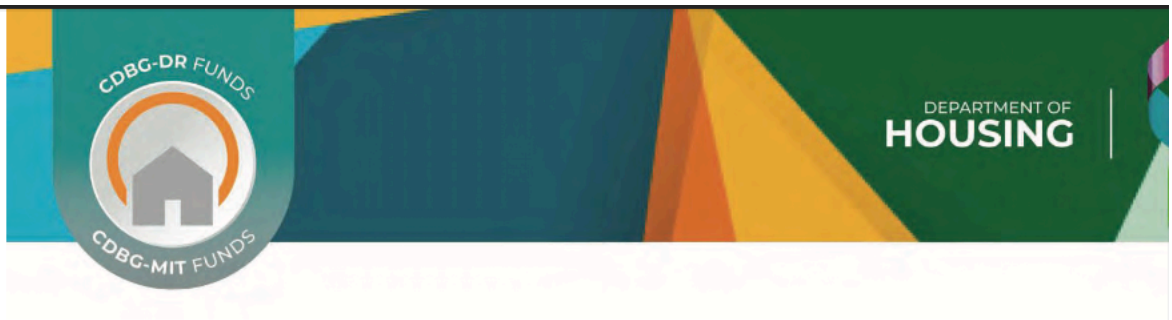
Please note that should the Agency discover other historic properties at any point during project implementation, you should notify the SHPO immediately. If you have any questions concerning our comments, do not hesitate to contact our Office.

Sincerely,

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

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



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

December 22, 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-001094: Gimnasio Municipal Project, Sabana Grande, Puerto Rico – *No Adverse Effect*

Dear Architect Rubio Cancela,

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

On behalf of PRDOH and the subrecipient, the Municipality of Sabana Grande, we are submitting documentation for the proposed Gimnasio Municipal Project, which is adjacent to the National Register of Historic Places-eligible Sabana Grande Traditional Urban Center. Improvements will be made to both the exterior and interior of the circa 1980 gymnasium; no ground disturbance will be involved in this undertaking. The full scope of the project is described in detail within the submitted documentation, which includes mapping, photographs, and the 60% design plans. Based on the provided documentation, the Program requests a concurrence with a determination that no adverse effect to historic properties is appropriate for this undertaking.

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

Kindest regards,

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

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROW (IPG) **Section 106 NHPA Effect Determination**	
Subrecipient: Municipality of Sabana Grande	
Case ID: PR-CRP-001094	**City:** Sabana Grande
Project Name: Municipal Gym	

Project Location: Highway 102-Francisco Mariano Quiñones/People's Sports Complex, Adjacent to Police Headquarters	
Project Coordinates: 18.078323, -66.963506	
TPID (Número de Catastro)**:** 335-046-051-14	
Type of Undertaking: ☒ Substantial Repair/Improvements ☐ New Construction	
Construction Date (AH est.): 1980	**Property Size** (acres)**: 2.72**

SOI-Qualified Architectural Historian: Cristina Montenegro Torres
Date Reviewed: November 21, 2023
SOI-Qualified Archaeologist: N/A
Date Reviewed: N/A

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

Project Description (Undertaking)

The applicant is seeking Community Development Block Grant disaster recovery funds financed by the federal Department of Housing and Urban Development due to damage received by the 2017 Hurricanes Irma and Maria. The Puerto Rico Department of Housing (PRDOH) has established an Agreement between PRDOH and the Municipality of Sabana Grande (the "Subrecipient") for the City Revitalization Program ("Program") as part of the Community Development Block Grant for Disaster Recovery (CDBG-DR) Program. It is a Section 106 undertaking due to the use of federal dollars. 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.

The Municipality of Sabana Grande proposes an exterior renovation of the park buildings that encompasses multiple facets aimed at enhancing both the aesthetic appeal and structural integrity of the designated areas. The project involves the application of high-quality exterior paint to cover a total surface area of 5,100 square feet, spanning 340 linear feet in length with an average height of 15 feet. Additionally, attention will be directed towards the restoration of ten aluminum windows, each measuring 2 feet in length and 4 feet in height, which have experienced damage attributable to wind-driven rain and high winds.

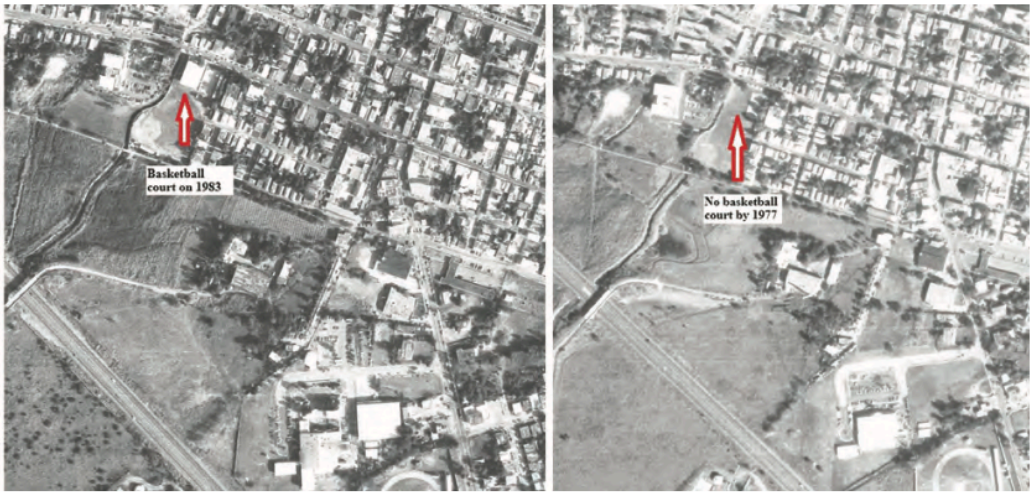
In the broader context of surface restoration, the initiative extends to the meticulous repair of lamps, including cleaning and repainting as necessary, as well as addressing any wear or damage to the ribbed ceiling. Specialized treatments will be applied to combat fogging or discoloration on various surfaces, with a particular focus on electrical pipes and wiring, ensuring their functionality and safety. Furthermore, the scope encompasses an examination and repair of bathroom plumbing fixtures and connections within the park buildings.

Material specifications are a critical consideration, emphasizing the use of weather-resistant and durable materials to guarantee the longevity of repairs and minimize future maintenance requirements. A harmonious integration with existing color schemes and architectural features from the urban context is also prioritized.

Area of Potential Effects

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is adjacent to the Sabana Grande Traditional Urban Center, eligible for listing in the National Register of Historic Prpoerties, and the visual APE is the viewshed of the proposed project.

In 1977, the APE site lay barren, devoid of any semblance of construction activity. However, by 1983, the early stages of modular steel construction began to take shape, introducing a distinctive architectural character to the landscape. The juxtaposition of this modular structure with the eligible traditional urban center not only stands as a testament to the evolution of architectural styles but also underscores the careful consideration required to ensure a harmonious integration within the cultural context.



The APE is encompassed by distinctive landmarks in each cardinal direction. To the North, the active December 5 Avenue forms a dynamic boundary, setting the tone for the urban landscape that characterizes this sector for residential and commercial activity. On the Western side, the imposing municipal police Headquarters stands as a sentinel, casting its presence over the surrounding area. Turning attention to the East, the Municipal sports court emerges, a hub of athletic activity, contributing a vibrant energy to the region. Meanwhile, to the South lies the Quintin Hernandez Municipal Baseball Park.

The visual tableau of the APE to the North unfolds with single-story residential and commercial structures, constructed from concrete and harking back to the architectural ethos of the 1950s. Traversing to the West, the visual landscape transitions to properties of varied heights, ranging from one to two stories, built with concrete during the span from the 1950s to the 1970s. In the South, the visual APE unveils the municipal baseball park as a focal point, surrounded by residential units situated in the southeast quadrant. Lastly, the Eastern perspective showcases a diverse architectural tapestry of one and two-story residential and commercial properties, also fashioned from concrete and echoing the architectural aesthetics of criollo units from the 1950s.

Situated on the south-central coast of Puerto Rico, the municipality of Sabana Grande is a testament to a rich historical legacy that has shaped its identity over the centuries. Bordered by Maricao to the north, Guánica to the south, Yauco to the east, and San Germán to the west, Sabana Grande was established on December 5, 1813,

carving its own path separate from the municipality of San German. Encompassing the Grande, Flores, Cocos, and Oruabo Rivers within its jurisdiction, the town's growth is reflected in its population, which surged from 2,848 inhabitants in 1824 to 4,013 by 1830. The town itself boasted 17 houses and 34 bohios, while the broader municipality featured 72 houses, 462 bohios, and 2 stores.

The architectural landscape is adorned with historical gems such as the church dedicated to San Isidro and Santa Maria de la Cabeza, erected in 1811 with an initial construction of wood. The adjoining cemetery, established around the 1800s, witnessed a transition from a wooden fence to one made of concrete.

Economically, Sabana Grande flourished in its early years, thriving in agriculture, particularly the cultivation of sugarcane. Three significant sugarcane plantations—San Francisco, Carmelita, and San Felipe—defined the town's economic landscape. Established in the late 19th century, these haciendas, with San Francisco spanning 75 acres, Carmelita 20 acres, and San Felipe 76 acres, were pioneers in shaping the town's agricultural identity.

The Puerto Rico Highway 2 (PR-2) emerges as a lifeline, not merely connecting municipalities but also weaving a cultural and economic tapestry across the island. Stretching 230 kilometers, PR-2 serves as a bustling commercial artery, fostering economic activity and contributing significantly to the development and prosperity of the region. Its role in facilitating the flow of goods and services, connecting populous municipalities, and encouraging trade and investment underscores its indispensable contribution to Puerto Rico's economic landscape.

In 1974, Sabana Grande's commitment to agricultural heritage remained evident, with sugarcane cultivation yielding 43,179 tons and producing 3,714 tons of sugar. The town's two first-class dairies produced 267,284 cuartillos of milk, highlighting a diversified economic approach.

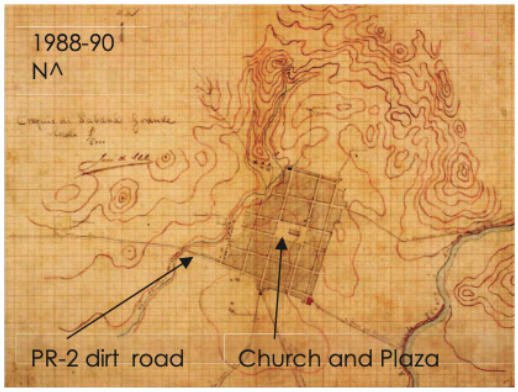
Adding to its historical tapestry, Sabana Grande holds unique distinctions, including being home to Puerto Rico's only Masonic cemetery since March 16, 1890. Noteworthy figures like Félix Rigau Carrera, the nation's inaugural aviator, and Angel Santos Damián, the first Puerto Rican soldier to fall in combat during World War I in 1915, further enrich the town's narrative.

Identification of Historic Properties - Archaeology

No ground disturbance is anticipated for this project.

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 Sabana Grande Traditional Urban Center.



Puerto Rico has been demarcated by colonial and Anglo-Saxon culture in traditional urban centers across the island. Traditional urban centers are the urban counterpart of the rural imaginary, prevalent, in representations of Puerto Rican identity dating from the 1700s to the present. Sabana Grande was founded in 1813 by Pedro de Acosta. Before 1808, there was a community with its own church on the land today known as Sabana Grande Arriba, originally a sector of the municipality of San Germán. and its construction dates to 1892, during the Spanish colonial era of Puerto Rico. The municipality main economic source was agriculture, and its location was a key essence in the development of social economical activities since it's located near the PR-2.

The subject property structure stands as a compelling testament to the innovative possibilities inherent. The subject property itself boasts a composition of modular steel construction, accentuated by a front gable roof design. The use of segmented wall paneling becomes a defining feature, artfully enclosing the steel framework and contributing to the overall aesthetic appeal of the facades.

Upon closer inspection of the main façade, a singular lead metal door takes center stage, thoughtfully positioned at each end to create a balanced visual effect. Adding to the architectural interplay, Miami aluminum windows, standing at half height, punctuate the façade's central area, introducing an element of transparency and openness.

The side elevations echo the same meticulous attention to detail, with symmetrical placement of windows that mirrors the style of the main façade. This careful alignment not only ensures visual coherence but also reinforces the modular architecture's commitment to a consistent and deliberate design language throughout the entire structure.

The Area surrounding the proposed project has suffered significant changes from the dated municipality foundation. The current setting is composed of primarily commercial and civic use. The perimeter has construction dating circa 1900 the oldest to 1970 the most recent construction. The Area of potential effect is adjacent to the cultural origin center of Sabana Grande five (5) listed NRHP and five (5) eligible NRHP have been identified.

Listed Properties within a ¼ mile radius.

1. Iglesia de Isidro Labrador y Santa María de la Cabeza de Sabana Grande was listed on 10/DIC/84; 84000460. It is 392 meters away from APE.
2. Casa de Berta Sepúlveda was listed on 17/JUN/94; 94000624. It is 289 meters away from APE.
3. Hacienda San Francisco was listed on 17/ABR/95; 95000287. It is 279 meters away from APE.
4. Cementerio Masónico de la Respetable Logia Igualdad Núm. 23 de Sabana Grande was listed on 13/FEB/13; 13000014. It is 378 meters away from APE.
5. Escuela James Fenimore Cooper was listed on 5/23/2015; 15000277. It is 394 meters away from APE.

Eligible

6. Luis Muñoz Rivera School was built circa1920 it is neoclassical style and it's eligible under criteria C. It is 232 meters away from APE.
7. PR-2 was built circa 1900 and it's eligible under criteria A, C, and D. It is 322 meters away from APE.
8. Teatro Adalberto Rodriguez Machuchal was built circa 1930 it is Art Deco style and it's eligible under criteria C. It is 325 meters away from APE.
9. Respetable Logia Igualdad No.23 was built circa 1891 it is Neoclassical style and it's eligible under criteria C. It is 309 meters away from APE.
10. Plaza Pública de Sabana Grande José A. Busigo was built circa 1800 and is eligible under criteria C. It is 353 meters away from APE.

The APE has significant Architectural historical value therefore a detailed description of eligible NRHP historic properties near APE is presented to record their historical value and support the final determination for the proposed project.

Puerto Rico Highway 2 (PR-2)

The Puerto Rico Highway 2 (PR-2) emerges as a vital artery that not only geographically connects various municipalities but also plays a central role in the cultural, economic, and urban development fabric of the island of Puerto Rico. Spanning 230 kilometers, PR-2 is not only the longest but also the most traveled highway in Puerto Rico, serving as an essential link between communities and fostering the interconnection of various key activities.

Economically, PR-2 facilitates the flow of goods and services, serving as a commercial artery that drives economic activity in the municipalities it traverses. By connecting some of the most populous municipalities, the highway significantly contributes to the region's development and economic prosperity, encouraging trade and investment.

In the agricultural realm, PR-2 has played a crucial role in transporting agricultural products and connecting rural areas with urban centers and markets. This efficient access has facilitated the exchange of fresh produce, promoting the economic sustainability of agricultural communities along its trajectory.

In terms of urban development, the presence of PR-2 has influenced the planning and expansion of communities along its route. Urban areas bordering the highway have benefited from improved accessibility, promoting the growth of commercial and residential infrastructure. Additionally, the highway has witnessed and facilitated changes in urban dynamics as populations have adapted and evolved.

In summary, Puerto Rico Highway 2 not only represents a physical connection between municipalities but also symbolizes a vital corridor that has shaped and continues to influence the economy, agriculture, and urban development of the island. Its extensive length and high traffic bear witness to its lasting importance in Puerto Rico's cultural and socioeconomic landscape.

The quality of significance, as defined by the NRHP, is present in structures that possess integrity of location, design, setting, materials, workmanship, feeling, and association. The PR-2 fulfills one (1) of seven (7) criteria: Location.

The type of significance, as defined by the NRHP, is evaluated on buildings in terms of the following criteria Evaluation: A-Event, B-Person, C-Design & Construction, D-Information Potential. This house fulfills three (3) of the four (4) criteria: Event, Design & Construction, and Information potential.

A-Event: The PR-2 fulfilled the needs throughout the island to connect the agricultural industry and which led to the building of an extensive system of roads that conditioned the island for an interconnected system led by a massive investment of capital.

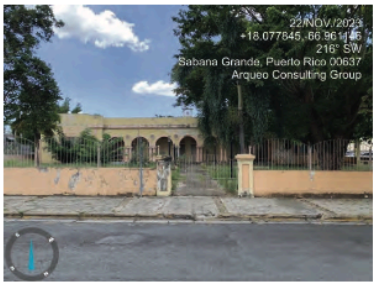
C-Design & Construction: The PR-2 was an engineering marvel in the areas of transportation because its construction represented the origin of current construction due to alignment in most of the challenging terrain on the island, demanding from its designers and builders, an innovative approach.

D-Information Potential: Puerto Rico Highway 2 seems to yield important information about local or national history: The PR-2 had special relevance for the development of the sugar industry and military representation.

Since the property meets one or more of the four Criteria for Evaluation and possesses integrity the Criteria Consideration G can be justified: Properties that Have Achieved Significance Within the Past Fifty Years. The cartographic analysis showed that this segment of the PR-2 road has nineteenth-century origins. It is a road of unquestionable historical importance, which had special relevance for the development of the sugar industry in this part of the island since the late 19th century and during the first half of the 20th century.

As above mentioned, the PR-2 contributes to the Sabana Grande Elegible Traditional Urban Center since it conveys aspects of integrity and is eligible under Criterion A, C, and D.

Luis Muñoz Rivera School



The Luis Muñoz Rivera School is situated within a rectangular lot measuring 2,500 square meters, the Luis Muñoz Rivera School, established around 1920, boasts a singular architectural charm. Its structure, fashioned from reinforced concrete in an eclectic style, takes the form of a one-story, U-shaped configuration. A defining feature of the school is the incorporation of a rectangular, arcaded patio and an intricately adorned front facade, showcasing a portico adorned with an opulent neoclassical vocabulary.

This architectural marvel exudes symmetry in its overall design, meticulously laid out along a central axis extending from west to east. Every element, from the entrance steps and the portico to the vestibule, corridors, classroom wings, restrooms, and patio, aligns with this pivotal axis. The north-facing main facade is a tripartite composition, characterized by a central volume flanked by subtly recessed, identical lateral wings. Among these components, the portico stands out both literally and figuratively.

Crafted to emulate a diminutive Doric temple, the portico extends approximately six feet from the facade, adorned with an entablature that includes an architrave, a frieze, and a pediment embellished with angled cornices. Remarkably, many of the original features have been preserved, elevating the Luis Muñoz Rivera School to the status of one of Puerto Rico's prime examples of government-sponsored institutional architecture from the early 20th century.

The quality of significance, as defined by the NRHP, is present in buildings that possess integrity of location, design, setting, materials, workmanship, feeling, and association. This property fulfills seven (7) of seven (7) criteria: location, design, setting, materials, workmanship, feeling, and association.

The type of significance, as defined by the NRHP, is evaluated on buildings in terms of the following criteria considerations: A-Event, B-Person, C-Design & Construction, D Information Potential. This property fulfills One (1) of the four (4) criteria: C-Design & Construction

C-Design & Construction: The Luis Muñoz Rivera School is significant statewide under Criterion C (Architecture). Because of its architectural design, La Muñoz Rivera constitutes a distinguished example of how the Beaux Arts and Spanish Revival vocabularies were combined and reinterpreted in Puerto Rico at the time as neoclassical construction, endorsed as it was as a legitimate stylistic venue for highly representative institutional buildings.

As above mentioned, the Luis Muñoz Rivera School contributes to the Sabana Grande Eligible Traditional Urban Center since it conveys all aspects of integrity and is eligible under Criterion C.

Respetable Logia Igualdad No.23

The masonic Lodge of Sabana Grande was built circa , 1891it's an eligible historical property under criterion c, and it's 309 meters away from APE.

In the valleys of Sabana Grande, at 8:00 p.m. on October 21, 1888, a gathering took place involving a diverse group of Masonic brothers hailing from different socio-economic backgrounds and various lodges in the region. Their purpose was to establish a Masonic workshop in this town, and it is believed that the majority of these brothers were affiliated with the Respected Prudence Lodge of the Valleys of San Germán.

During this era, the lodge members convened in various homes within the town to avoid conflicts with civil and ecclesiastical authorities. They diligently began raising funds to construct a workshop in Sabana Grande. This endeavor reached its culmination with an extraordinary session and Adoption Ceremony held on September 9, 1891, marking the inauguration of Masonic Lodge #23 on Ángel G. Martínez Street, where it still stands today. This event marked the erection of the first building exclusively dedicated to Masonic purposes in Puerto Rico, as opposed to the Grand Sovereign Lodge in San Juan, which initially served as the residence of the Respected Brother Santiago R. Palmer, the country's first Grand Master.

As a response to a somber incident involving a deceased Brother in 1886, Equality Lodge #23, in 1891, established the first and only Masonic cemetery in Puerto Rico, a testament to their commitment to the fraternity's traditions and rituals

The Masonic Lodge of Sabana Grande is a one-story, reinforced concrete building with a rectangular-shaped floorplan and occupies a footprint of 543.81 square meters. The Masonic Lodge of Sabana Grande building has a simple geometric neoclassical form composed of five bays. The main façade uses abstracted elements of classical provenance such as a pediment with a cornice supported by Doric columns. The Main entrance is through the centered bay and is through a two-leaf embroidered wood door, at each side of the façade two leaf embroidered doors smaller than the principal door are also present. The main façade is crowned with an escalated pediment with a relief that forms the logo of the masonic center. The sides and rear elevation are composed of the same material and aluminum windows with concrete eaves are present.

The quality of significance, as defined by the NRHP, is present in buildings that possess the following aspects of integrity: location, design, setting, materials, workmanship, feeling, and association. The Masonic Lodge of Sabana Grande fulfills all seven aspects of integrity. The type of significance, as defined by the NRHP, is evaluated on buildings in terms of the following criteria considerations: A-Event, B-Person, C-Design & Construction, D-Information Potential. This property fulfills one (1) of the four (4) criteria: C-Design & Construction.

C-Design & Construction: The Masonic Lodge of Sabana Grande is associated with the eligible traditional Urban center and embodies distinctive architectonic characteristics and methods of construction of neoclassical Greek architecture. It is noticeable the work of a master possesses high artistic value as other architectural representations from the dated neoclassical periods.

As above mentioned, the Masonic Lodge of Sabana Grande contributes to the Sabana Grande Eligible Traditional Urban Center since it conveys the following aspects of integrity and criteria considerations: Location, Design, Setting, Materials, Workmanship, Feeling and Association, and other Architectural features such as Neoclassical Greek Architecture.

The Property architecture conveys a sense of feeling and association with the eligible district and is therefore eligible under Criterion C.

Determination

As mentioned before, the project is situated adjacent to Sabana Grande Eligible Traditional Urban Center and when considering the setting architectural component their importance from a historical point of view is undeniable.

The proposed project has undergone thorough assessments to ensure that it will not have any adverse effects on the historic zone, both in direct and indirect/visual terms. These evaluations and planning measures have been put in place to uphold the historical integrity of the area. The proposed design will reflect an architectural language from the 21st century and does not mimic architectural features from eligible and historical properties adjacent to APE or within a ¼ mile radius. The proposed design will not enhance a false sense of history and historical responsible design strategies can be considered to produce a contribution of the 21st century to Sabana Grande Eligible Traditional Urban Center when it meets the 50 years in age mark.

The eligible properties in the visual Area of potential effect are not considered part of the proposed project and will not be affected during the construction and demolition to accomplish the proposed scope of work. Founded on the results of the historic property identification efforts, the Program has determined that the proposed project actions **will not adversely affect the historic properties** that compose the direct and indirect/visual APE.

- Direct Effect:
  - There are no historic properties within the APE that will be directly affected by the proposed project.
- Indirect Effect:
  - A segment of 5 de December Avenue will incur an indirect effect during the construction of the proposed project that may include noise pollution, traffic disruptions, dust and air quality issues, and visual impact.
  - The Municipal Court will incur an indirect effect during the construction of the proposed project that may include mobilization of equipment, infrastructure strain, and community disruption.

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Recommendation

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

☐ No Historic Properties Affected
☒ No Adverse Effect
☐ Adverse Effect

This Section is to be Completed by SHPO Staff Only

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

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Figure 1: Project (Parcel) Location – Area of Potential Effect Map (Aerial)

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Figure 2: Project (Parcel) Location - Aerial Map

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Figure 3: Project (Parcel) Location with Direct and Indirect Effect

Direct effect – red

Indirect effect - yellow

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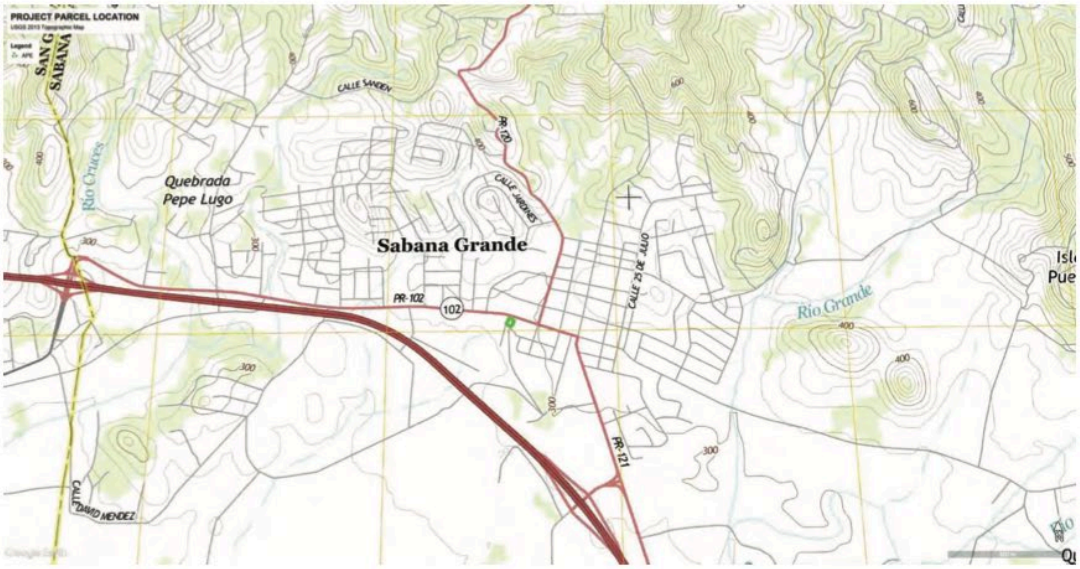
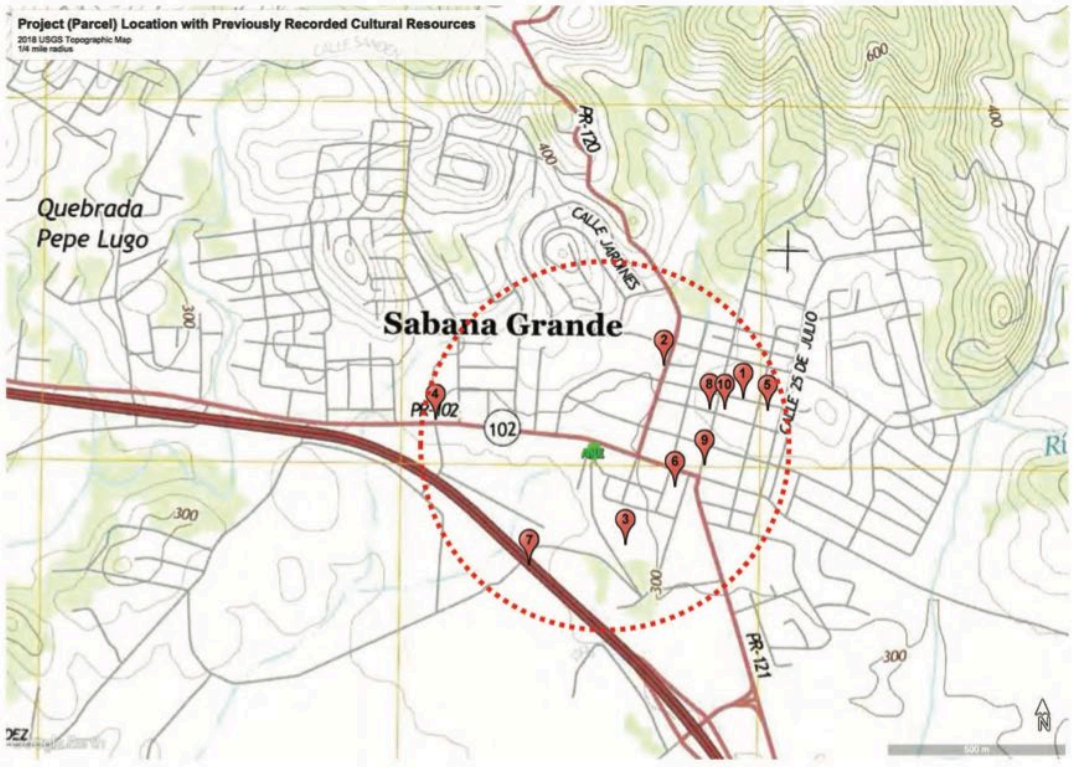
Figure 4: Project (Parcel) Location - USGS Topographic Map



APE -GREEN

Figure 5: Project (Parcel) Location with Previous Investigations - Aerial Map Boundaries of Sabana Grande Eligible Traditional Urban Center

Figure 6: Project (Parcel) Location with Previously Recorded Cultural Resources 2018 USGS Topographic Map -



Listed Properties within a ¼ mile radius.

1. Iglesia de Isidro Labrador y Santa María de la Cabeza de Sabana Grande
2. Casa de Berta Sepúlveda
3. Hacienda San Francisco
4. Cementerio Masónico de la Respetable Logia Igualdad Núm. 23 de Sabana Grande
5. Escuela James Fenimore Cooper

Eligible

6. Luis Muñoz Rivera School
7. PR-2
8. Teatro Adalberto Rodriguez Machuchal
9. Respetable Logia Igualdad No.23
10. Plaza Pública de Sabana Grande José A. Busigo

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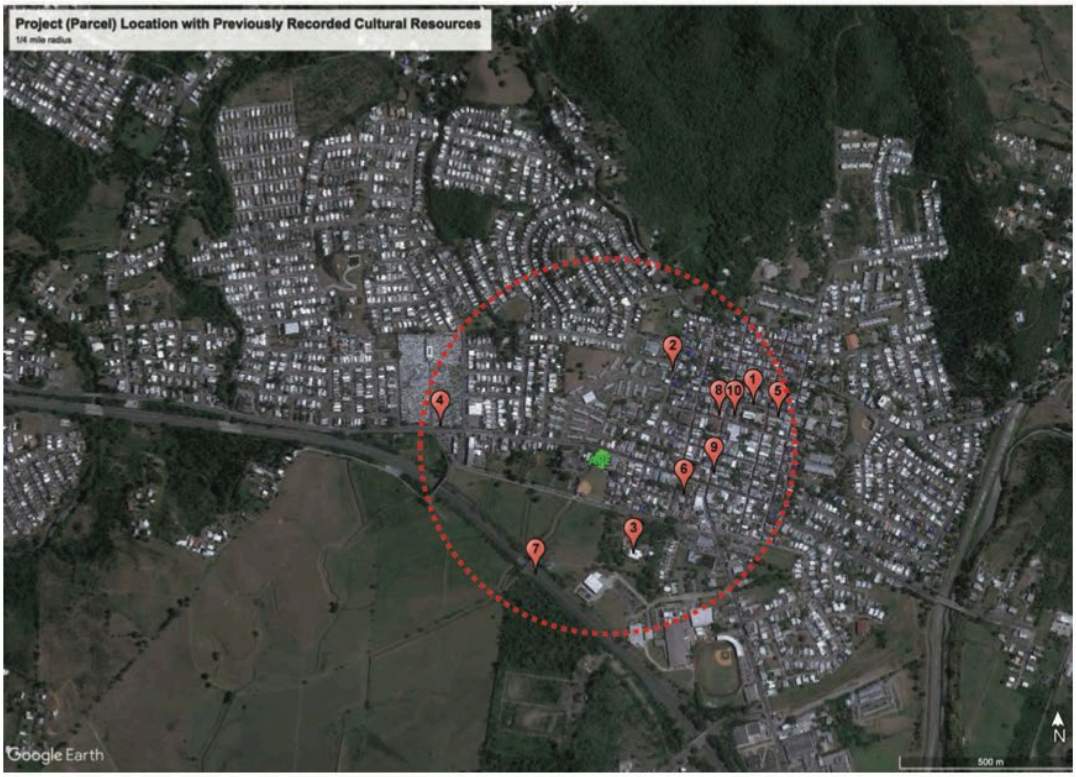
Figure 7: Project (Parcel) Location Adjacent to Historic Zones



Listed Properties within a ¼ mile radius.

11. Iglesia de Isidro Labrador y Santa María de la Cabeza de Sabana Grande
12. Casa de Berta Sepúlveda
13. Hacienda San Francisco
14. Cementerio Masónico de la Respetable Logia Igualdad Núm. 23 de Sabana Grande
15. Escuela James Fenimore Cooper

Eligible

16. Luis Muñoz Rivera School
17. PR-2
18. Teatro Adalberto Rodriguez Machuchal
19. Respetable Logia Igualdad No.23
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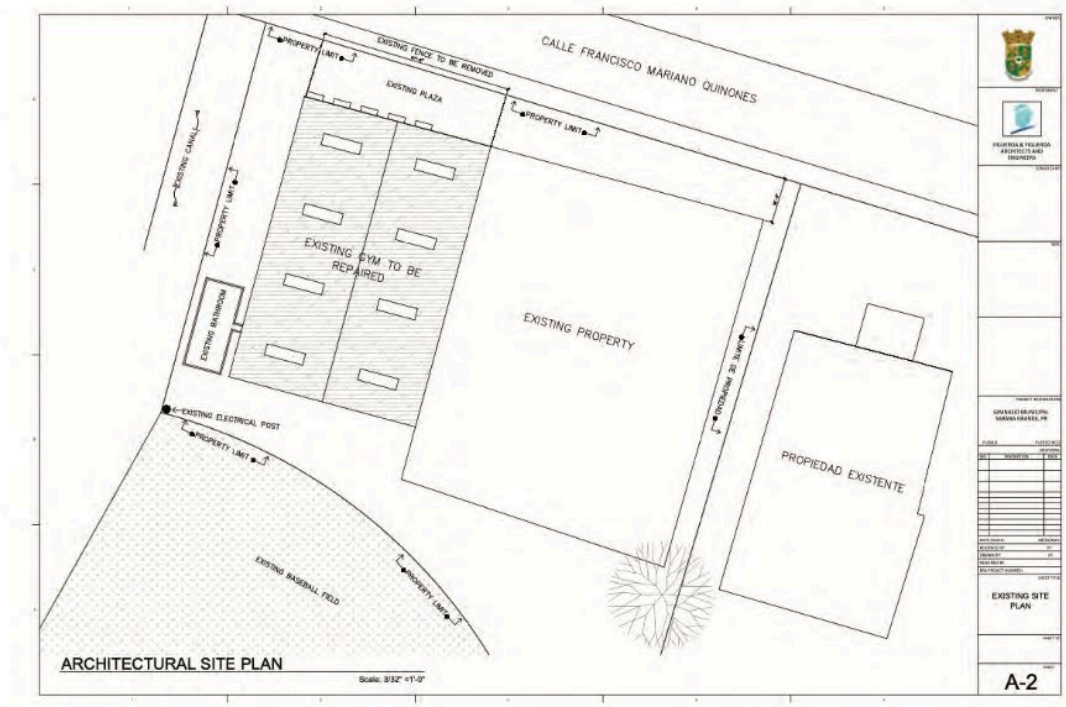
Architectural Site Plan



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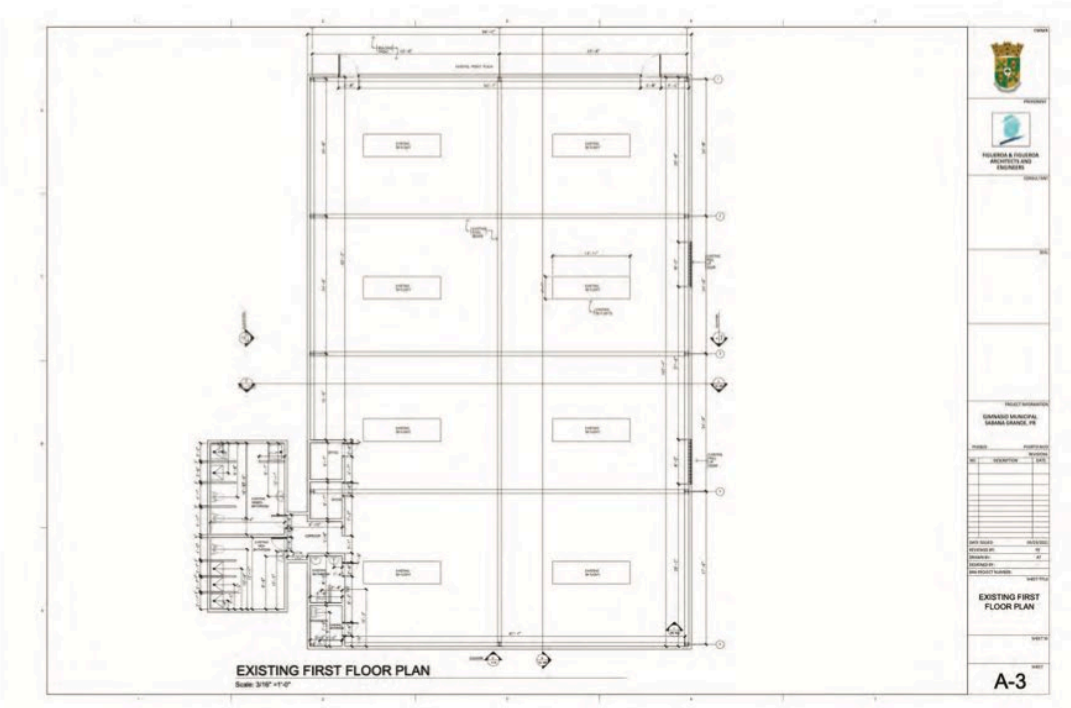
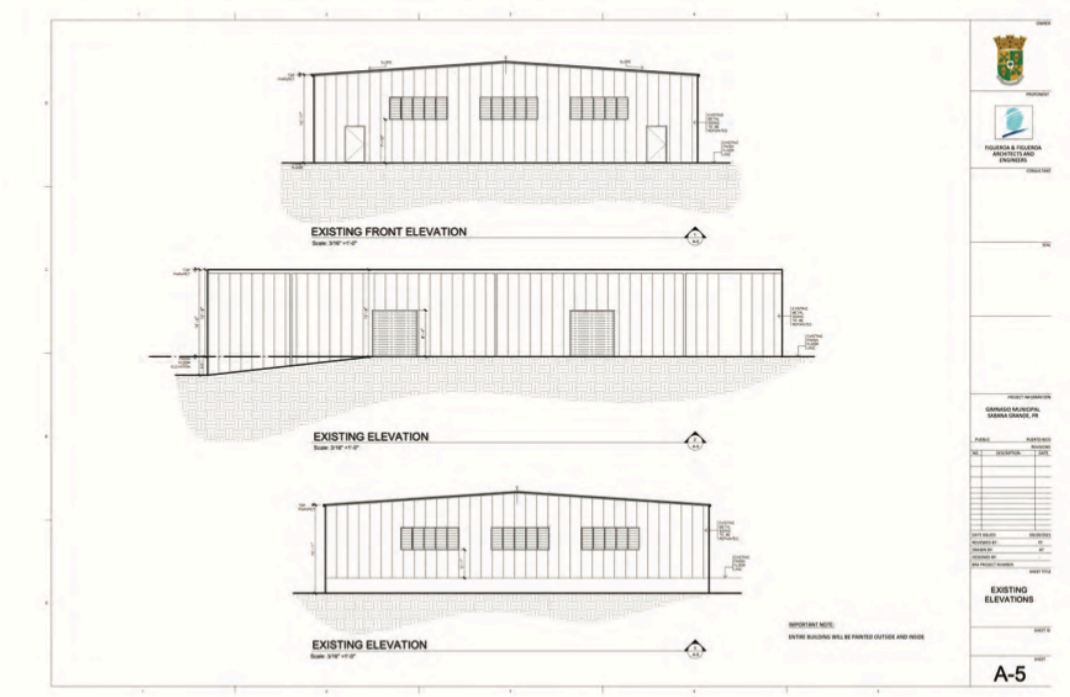
Case ID: PR-CRP-001094	**City:** Sabana Grande
Project Name: Municipal Gym	

Existing First Floor Plan



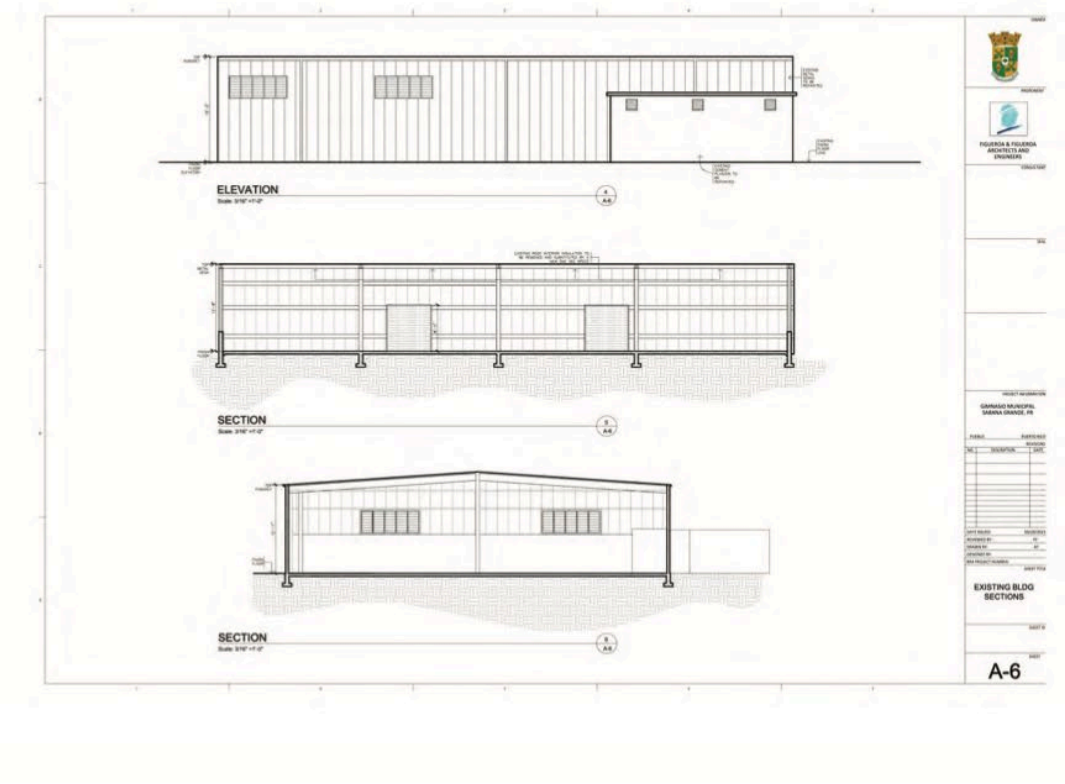
PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROW (IPG) Section 106 NHPA Effect Determination	
Subrecipient: Municipality of Sabana Grande	
Case ID: PR-CRP-001094	**City:** Sabana Grande
Project Name: Municipal Gym	

Existing Front Elevations



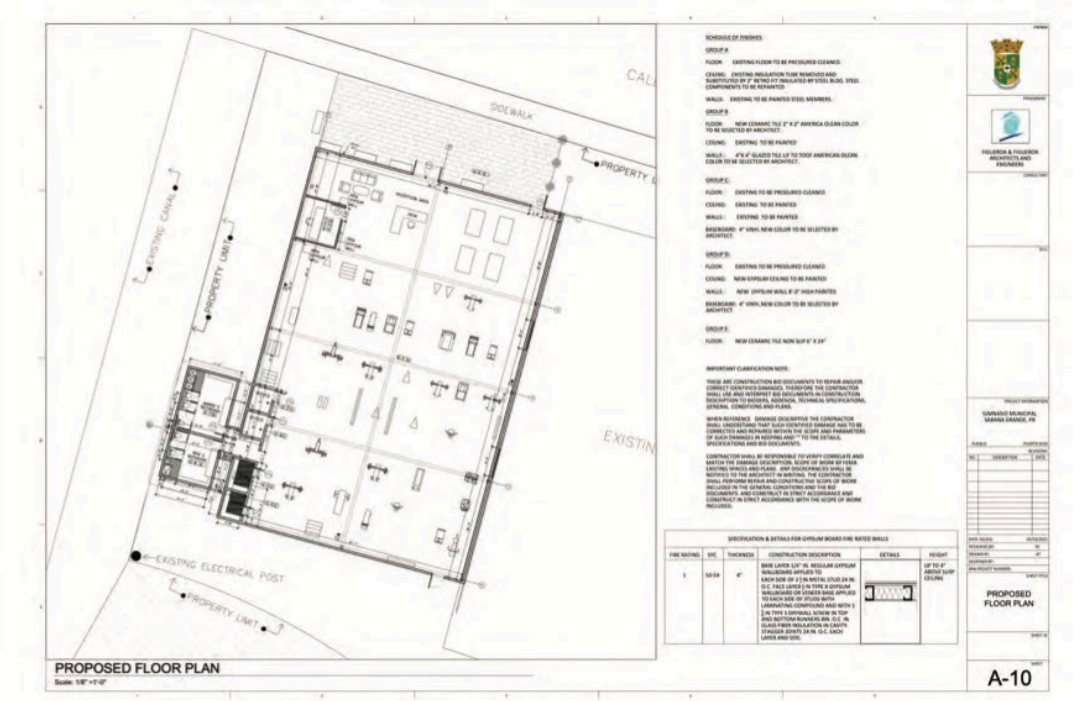
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **Investment Portfolio for Grow (IPG)** **Section 106 NHPA Effect Determination**	
Subrecipient: Municipality of Sabana Grande	
Case ID: PR-CRP-001094	**City:** Sabana Grande
Project Name: Municipal Gym	

Existing Building Sections



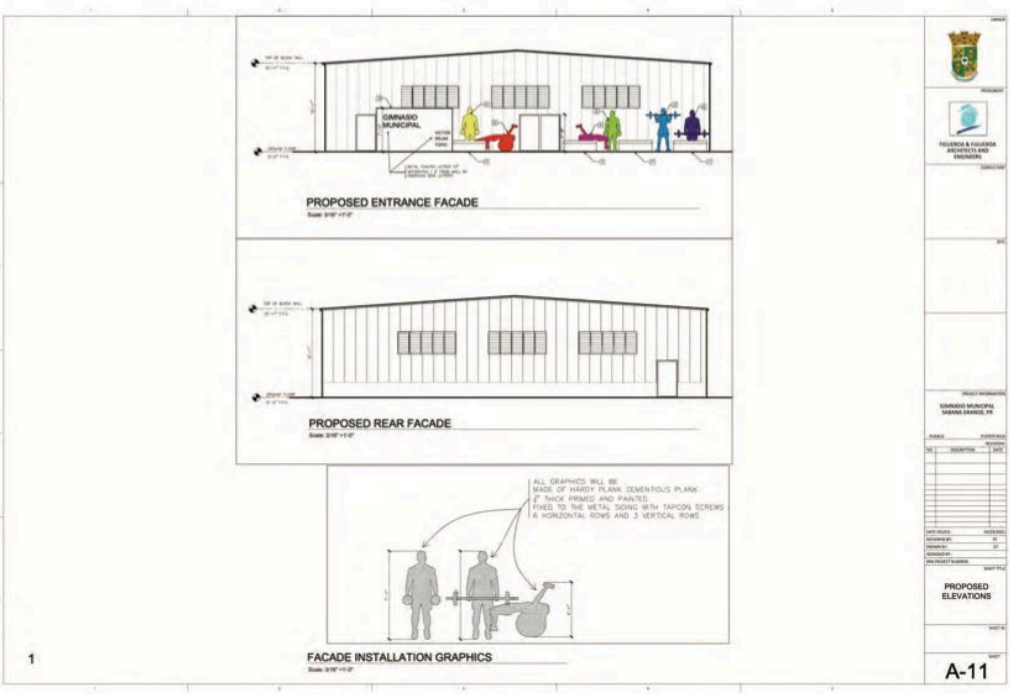
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **Investment Portfolio for Grow (IPG)** **Section 106 NHPA Effect Determination**	
Subrecipient: Municipality of Sabana Grande	
Case ID: PR-CRP-001094	**City:** Sabana Grande
Project Name: Municipal Gym	

Proposed Floor Plan



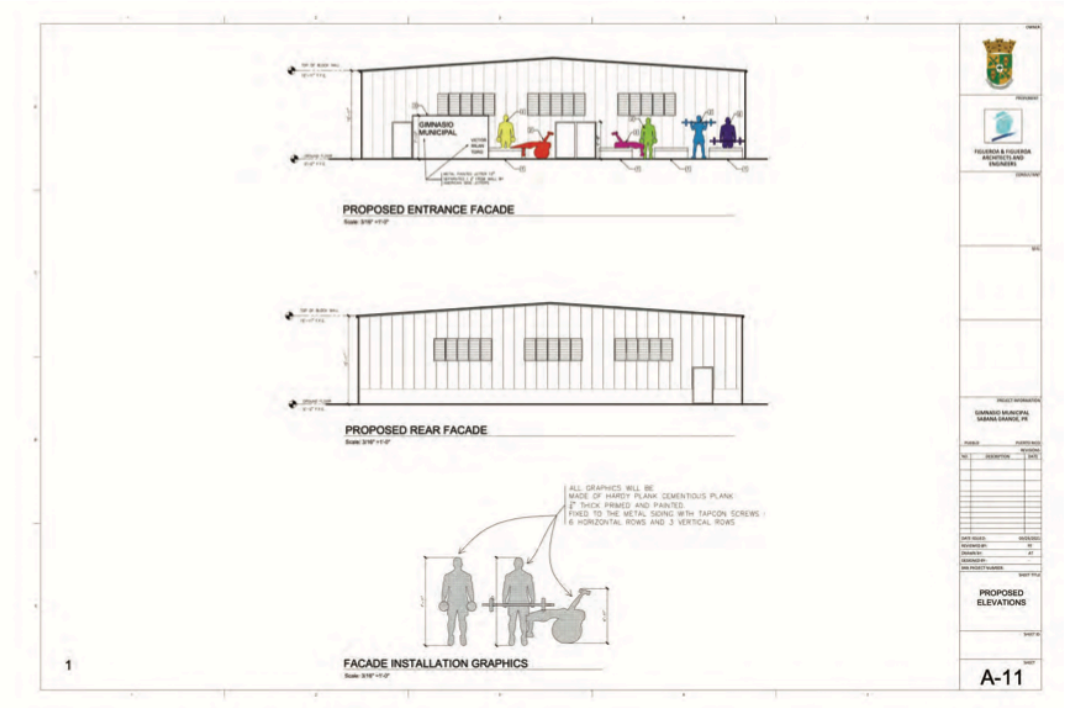
Puerto Rico 2017 Disaster Recovery, CDBG-DR Program **Investment Portfolio for Grow (IPG)** **Section 106 NHPA Effect Determination**	
Subrecipient: Municipality of Sabana Grande	
Case ID: PR-CRP-001094	**City:** Sabana Grande
Project Name: Municipal Gym	

Proposed Elevations



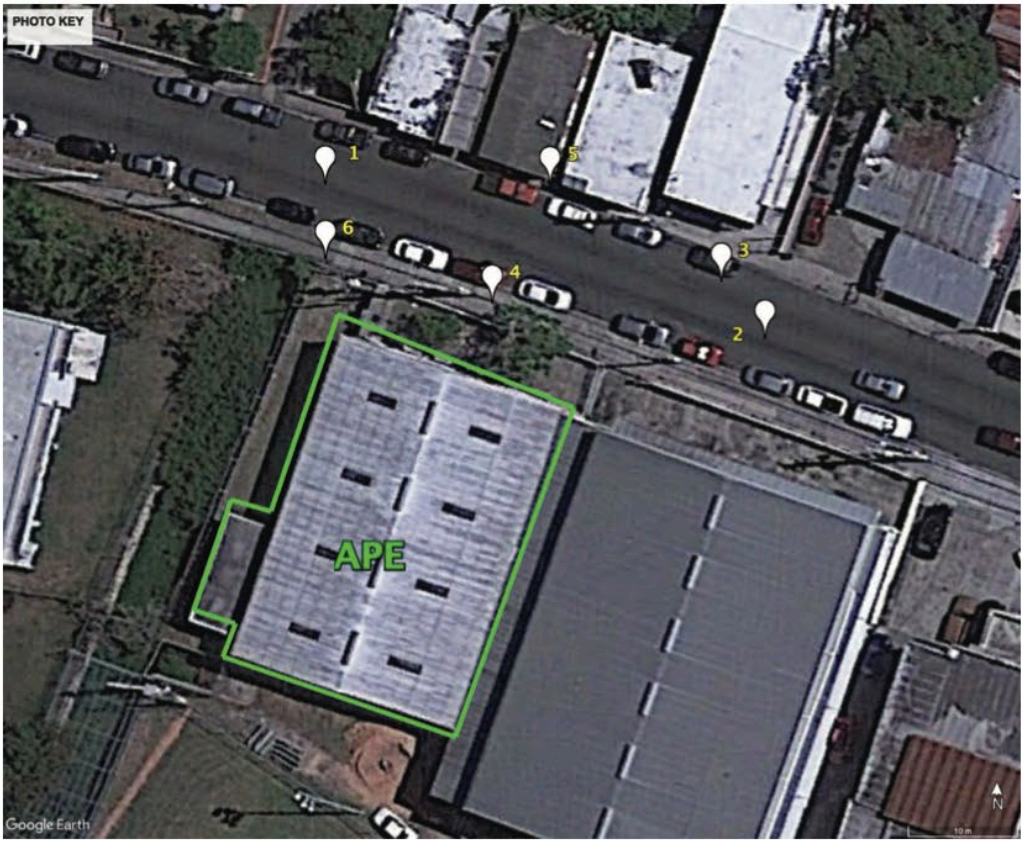
PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROW (IPG) **Section 106 NHPA Effect Determination**	
Subrecipient: Municipality of Sabana Grande	
Case ID: PR-CRP-001094	**City:** Sabana Grande
Project Name: Municipal Gym	

Proposed Elevations



PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROW (IPG) Section 106 NHPA Effect Determination	
Subrecipient: Municipality of Sabana Grande	
Case ID: PR-CRP-001094	**City:** Sabana Grande
Project Name: Municipal Gym	

Photograph Key



PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROW (IPG) **Section 106 NHPA Effect Determination**	
Subrecipient: Municipality of Sabana Grande	
Case ID: PR-CRP-001094	**City:** Sabana Grande
Project Name: Municipal Gym	

Photo #: 1 **Date:** Nov. 17,23	**Description (include direction)**: Main Road, right from the front of the gym looking west

Photo #:2 **Date:** Nov. 17,23	**Description (include direction):** In front of the gym looking east

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM INVESTMENT PORTFOLIO FOR GROW (IPG) Section 106 NHPA Effect Determination	
Subrecipient: Municipality of Sabana Grande	
Case ID: PR-CRP-001094	**City:** Sabana Grande
Project Name: Municipal Gym	

Photo #:3 **Date:** Nov. 17,23	**Description (include direction):** Facing the gym facing southeast, court on the east side of the gym

Photo #:4 **Date:** Nov. 17,23	**Description (include direction):** In front of the gym, looking north across the street.

Photo #:5 **Date:** Nov. 17,23	**Description (include direction):** Front-facing gymnasium, facing south

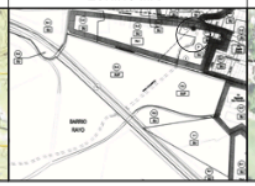
Photo #: 6 **Date:** Nov. 17,23	**Description (include direction):** Right in front of the gym looking southwest

DRAWING LIST	
NO.	DRAWING NAME
A-1	TITLE SHEET, INDEX, LOCATION, TOPOGRAPHIC & ZONING MAPS
	ARCHITECTURAL
A-2	EXISTING SITE PLAN
A-3	EXISTING FLOOR PLAN
A-4	EXISTING REFLECTED CEILING PLAN
A-5	EXISTING ELEVATIONS
A-6	EXISTING BLDG SECTIONS
A-7	EXISTING EQUIPMENT LAYOUT PLAN
A-8	EXISTING PLUMBING FIXTURES
A-9	EXISTING ELECTRICAL PLAN
A-10	PROPOSED FLOOR PLAN
A-11	PROPOSED ELEVATIONS
A-12	EXISTING BATHROOMS ENLARGED PLAN
A-13	BATHROOMS ENLARGED PLAN
A-14	SCHEDULES
	PLUMBING
SP-1	SITE PLUMBING PLAN
P-1	PLUMBING PLAN AND ISOMETRIC

LOCATION MAP

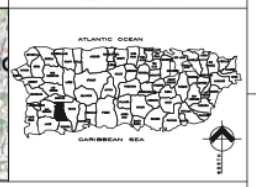
TOPOGRAPHIC MAP

ZONING MAP



FLOOD MAP

PUERTO RICO MAP



GIMNASIO MUNICIPAL DE SABANA GRANDE

SABANA GRANDE, PUERTO RICO

PROJECT NO. PR-CRP-001094
FINAL DRAWINGS

PROJECT INFORMATION

CADASTRE:	335-046-051-14
MUNICIPALITY:	SABANA GRANDE
SECTOR:	–
APROX. AREA:	11,011.58
COORD. X:	143874.5383
COORD. Y:	227139.8617
FLOOD ZONE:	X
FLOOD PANEL:	72000C1580J
CLASSIFICATION:	P
QUALIFICATION:	–

ENVIRONMENTAL DOCUMENT	CONSOLIDATED CONSTRUCTION PERMIT	OTHERS
–	–	–

OWNER

PROPONENT

FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS

CONSULTANT

SEAL

PROJECT INFORMATION

GIMNASIO MUNICIPAL SABANA GRANDE, PR

PUEBLO: PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE

DATE ISSUED:	09/24/2021
REVIEWED BY:	PF
DRAWN BY:	AZ
DESIGNED BY:	-
BRA PROJECT NUMBER:	

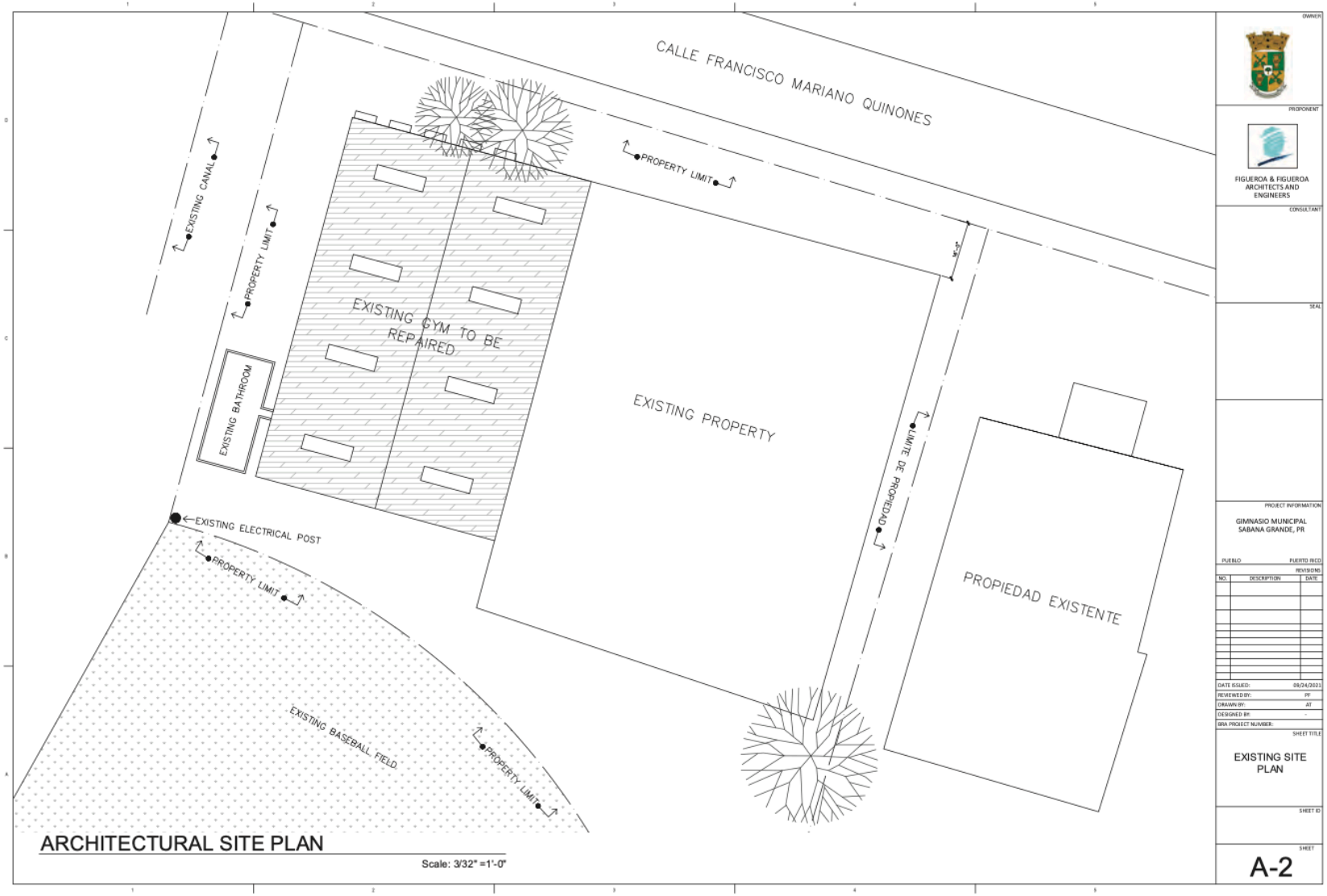
SHEET TITLE

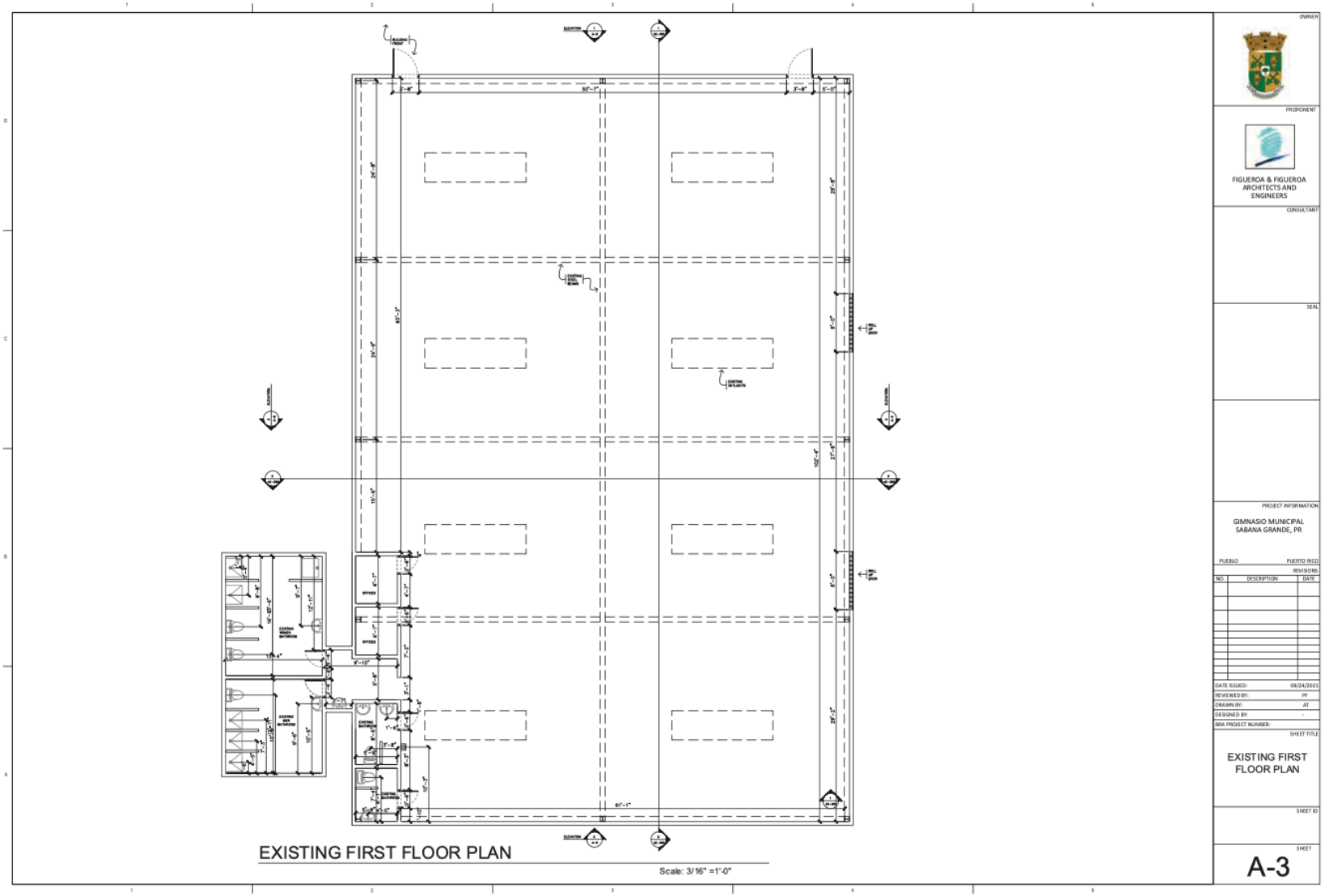
TITLE SHEET, INDEX, LOCATION, TOPOGRAPHIC & ZONING MAPS

SHEET ID

SHEET

A-1


CALLE FRANCISCO MARIANO QUINONES
EXISTING CANAL
PROPERTY LIMIT
PROPERTY LIMIT
EXISTING GYM TO BE REPAIRED
EXISTING BATHROOM
EXISTING PROPERTY
LIMITE DE PROPIEDAD
PROPIEDAD EXISTENTE
EXISTING ELECTRICAL POST
PROPERTY LIMIT
EXISTING BASEBALL FIELD
PROPERTY LIMIT
ARCHITECTURAL SITE PLAN
Scale: 3/32" =1'-0"
OWNER
PROPONENT
FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS
CONSULTANT
SEAL
PROJECT INFORMATION
GIMNASIO MUNICIPAL SABANA GRANDE, PR
PUEBLO
PUERTO RICO
REVISIONS
NO.
DESCRIPTION
DATE
DATE ISSUED: 09/24/2021
REVIEWED BY: PF
DRAWN BY: AT
DESIGNED BY: -
BRA PROJECT NUMBER:
SHEET TITLE
EXISTING SITE PLAN
SHEET ID
SHEET
A-2



OWNER

PROPONENT

FIGUEROA & FIGUEROA
ARCHITECTS AND
ENGINEERS

CONSULTANT

SEAL

PROJECT INFORMATION

GIMNASIO MUNICIPAL
SABANA GRANDE, PR

PUEBLO PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE

DATE ISSUED:	08/24/2021
REVIEWED BY:	PF
DRAWN BY:	AF
DESIGNED BY:	-
BRA PROJECT NUMBER:	

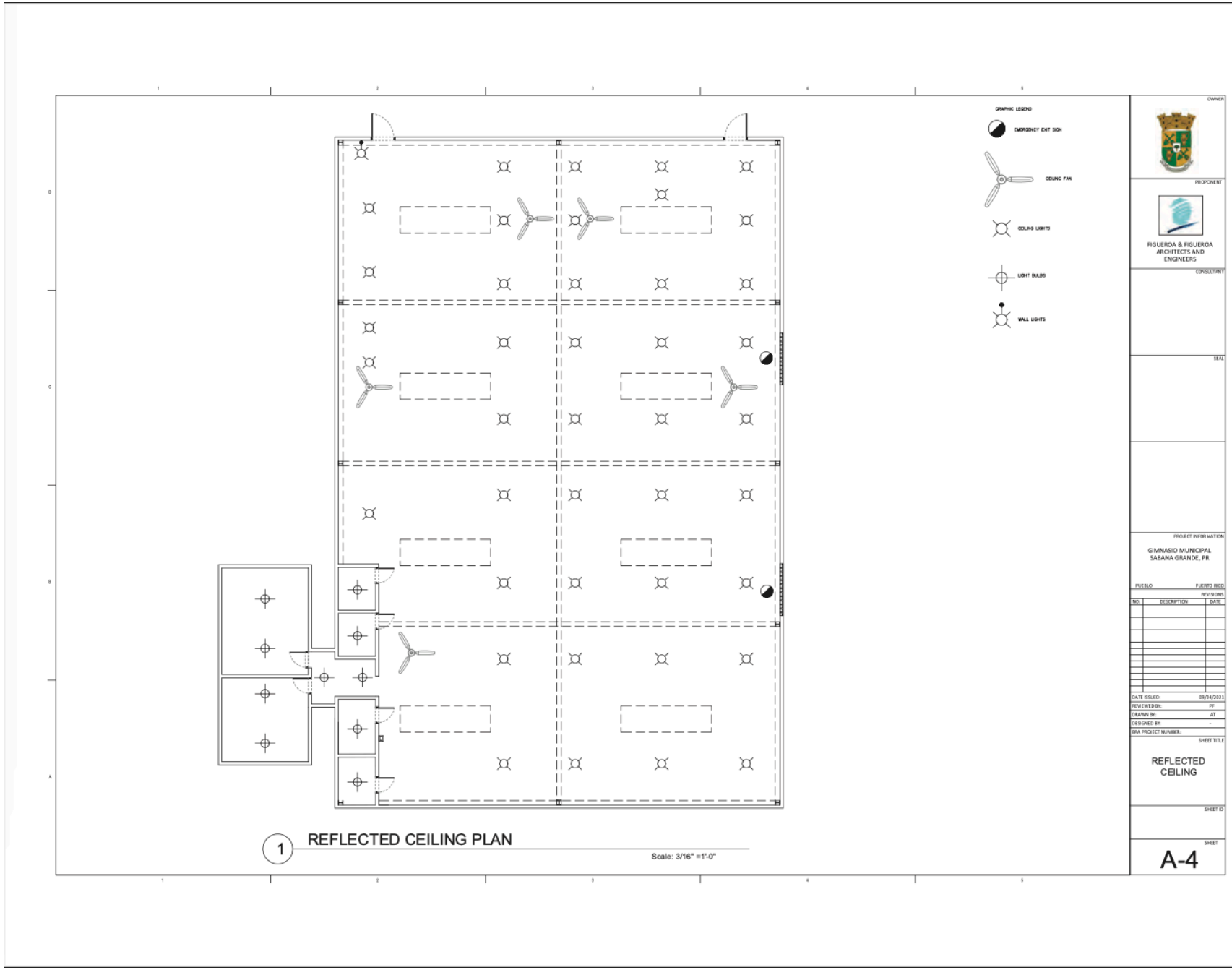
SHEET TITLE

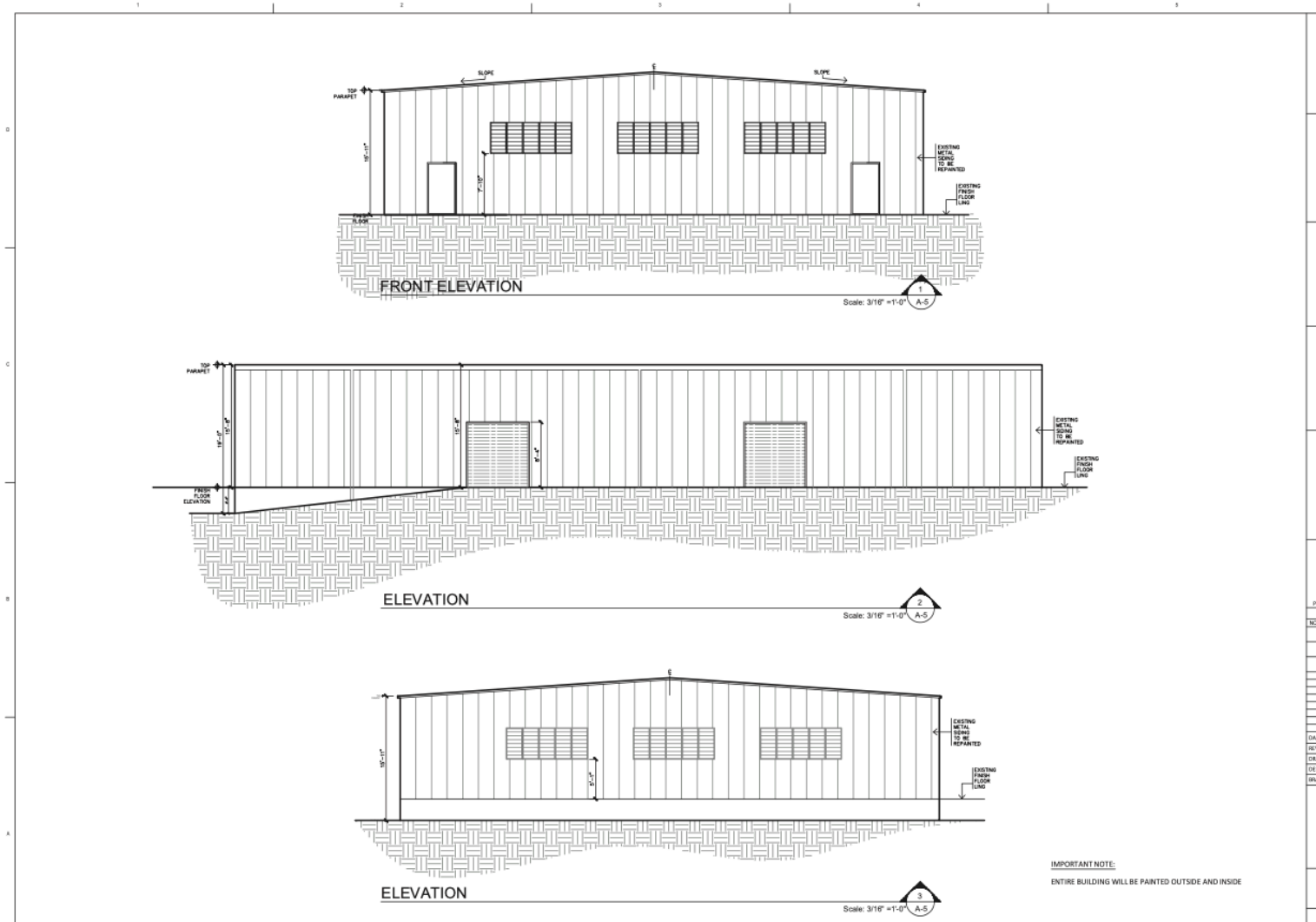
EXISTING FIRST
FLOOR PLAN

SHEET ID

SHEET

A-3


GRAPHIC LEGEND
EMERGENCY EXIT SIGN
CEILING FAN
CEILING LIGHTS
LIGHT BULBS
WALL LIGHTS
OWNER
PROPONENT
FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS
CONSULTANT
SEAL
PROJECT INFORMATION
GIMNASIO MUNICIPAL
SABANA GRANDE, PR
PUEBLO
PUERTO RICO
REVISIONS
NO.
DESCRIPTION
DATE
DATE ISSUED: 08/24/2021
REVIEWED BY: PF
DRAWN BY: AT
DESIGNED BY:
SHEET TITLE
REFLECTED CEILING
SHEET ID
SHEET
A-4
1
REFLECTED CEILING PLAN
Scale: 3/16" =1'-0"


SLOPE
SLOPE
TOP PARAPET
EXISTING METAL SIDING TO BE REPAINTED
EXISTING FINISH FLOOR LINE
FRONT ELEVATION
Scale: 3/16" =1'-0"
1
A-5
TOP PARAPET
FINISH FLOOR ELEVATION
EXISTING METAL SIDING TO BE REPAINTED
EXISTING FINISH FLOOR LINE
ELEVATION
Scale: 3/16" =1'-0"
2
A-5
EXISTING METAL SIDING TO BE REPAINTED
EXISTING FINISH FLOOR LINE
ELEVATION
Scale: 3/16" =1'-0"
3
A-5
IMPORTANT NOTE:
ENTIRE BUILDING WILL BE PAINTED OUTSIDE AND INSIDE
OWNER
PROPONENT
FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS
CONSULTANT
SEAL
PROJECT INFORMATION
GIMNASIO MUNICIPAL
SABANA GRANDE, PR
PUEBLO
PUERTO RICO
REVISIONS
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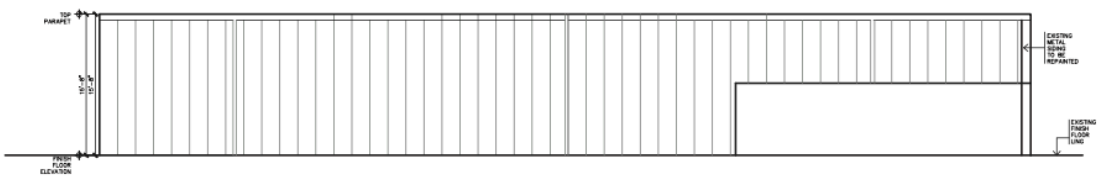
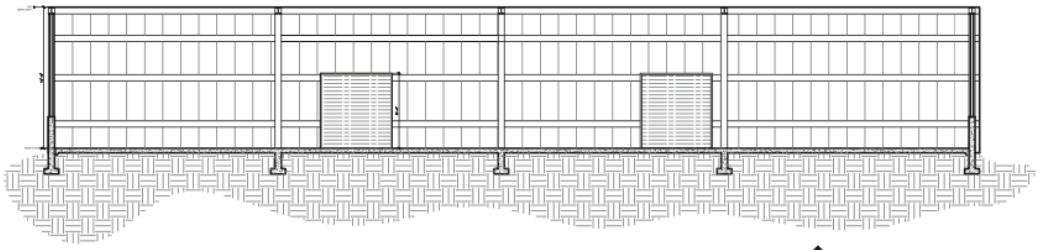
DATE
DATE ISSUED:
09/24/2021
REVIEWED BY:
PF
DRAWN BY:
AT
DESIGNED BY:
-
BRA PROJECT NUMBER:
SHEET TITLE
EXISTING ELEVATIONS
SHEET ID
SHEET
A-5



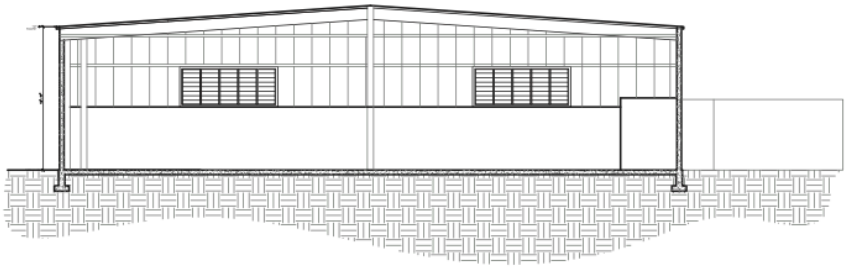
ELEVATION

Scale: 3/16" =1'-0" 4 A-6



SECTION

Scale: 3/16" =1'-0" 5 A-6



SECTION

Scale: 3/16" =1'-0" 6 A-6

OWNER

PROPONENT

FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS

CONSULTANT

SEAL

PROJECT INFORMATION

GIMNASIO MUNICIPAL
SABANA GRANDE, PR

PUEBLO PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE

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REVIEWED BY:	PF
DRAWN BY:	AT
DESIGNED BY:	-
IBIA PROJECT NUMBER:	-

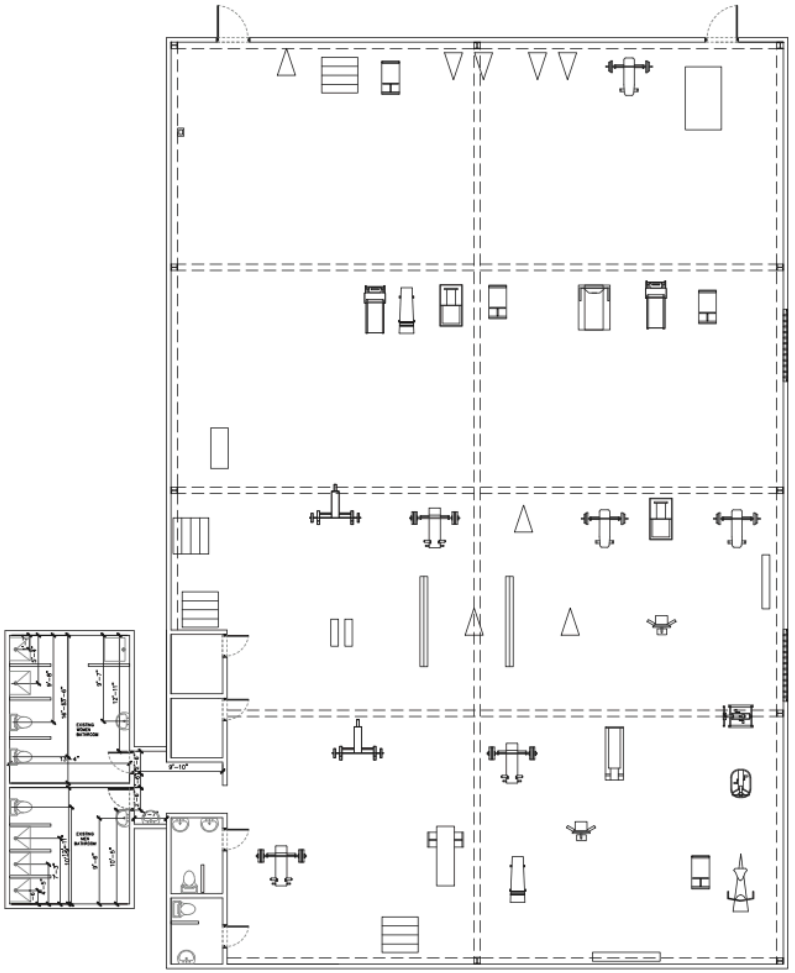
SHEET TITLE

EXISTING BLDG SECTIONS

SHEET ID

SHEET

A-6



EXISTING EQUIPMENT LAYOUT

Scale: 3/16" =1'-0"

GENERAL NOTES:

1. THE CONTRACTOR SHALL VISIT AND FAMILIARIZE HIMSELF WITH THE SITE AND ITS EXISTING CONDITIONS. HE SHALL VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO BIDDING. FAILURE TO DO THIS WILL NOT BE A CAUSE FOR ADDITIONAL COST OR CHANGE ORDER
2. CONTRACTORS SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEBRIS IN THE SITE AS ILLUSTRATED, BUT NOT LIMITED TO THOSE IDENTIFIED IN THIS SET OF DRAWINGS.
3. ** TO BE VERIFIED** IF CONTRACTOR ENCOUNTERS HIDDEN CONDITIONS, SYSTEMS OR COMPONENTS DIFFERENT THAN THOSE ILLUSTRATED OR DEPICTED IN THE PLANS. HE SHALL NOTIFY THE ARCHITECT IN WRITING FOR APPROVAL OR ACTION.
4. ALL PLANS SHALL BE USED IN STRICT COORDINATION WITH THE CIVIL, STRUCTURAL, ELECTRICAL PLANS.
5. ALL PERMANENT FENCES AND/OR GATES SHALL BE LOCATED INSIDE THE PERIMETER OF THE TEMPORARY CONSTRUCTION FENCE, REGARDLESS OF WHAT IS ILLUSTRATED IN THE PLANS. IF THERE IS A CONFLICT THE THE TEMPORARY CONSTRUCTION FENCE SHALL BE RELOCATED SO THE PERMANENT FENCES AND/OR GATES SHALL BE INCLUDED IN ITS INTERIOR PERIMETER.
6. CONTRACTOR SHALL TAKE INTO CONSIDERATION THAT THE TWO WEEK TIME FRAME PERIOD, MINIMUM, SHALL PROVIDED FOR THE APPROVAL OF ALL SHOP DRAWINGS.
7. CONTRACTOR SHALL PROVIDE A CONSTRUCTION SIGN.

NOTE:

1. WHEN A REFERENCE IS MADE IN THIS PLAN TO A PRODUCT WITH A SPECIFIC BRAND OR SUPPLIER, THE CONTRACTOR WILL UNDERSTAND THAT A COMPONENT EQUAL TO OR SIMILAR TO THE ONE SPECIFIED CAN BE SUBMITTED FOR EVALUATION AND APPROVAL BY THE ARCHITECT.

IMPORTANT CLARIFICATION NOTE:

THESE ARE CONSTRUCTION BID DOCUMENTS TO REPAIR AND/OR CORRECT IDENTIFIED DAMAGES. THEREFORE THE CONTRACTOR SHALL USE AND INTERPRET BID DOCUMENTS IN CONSTRUCTION DESCRIPTION TO BIDDERS, ADDENDA, TECHNICAL SPECIFICATIONS, GENERAL CONDITIONS AND PLANS.

WHEN REFERENCE DAMAGE DESCRIPTIVE THE CONTRACTOR SHALL UNDERSTAND THAT SUCH IDENTIFIED DAMAGE HAS TO BE CORRECTED AND REPAIRED WITHIN THE SCOPE AND PARAMETERS OF SUCH DAMAGES IN KEEPING AND "" TO THE DETAILS, SPECIFICATIONS AND BID DOCUMENTS.

CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CORRELATE AND MATCH THE DAMAGE DESCRIPTION, SCOPE OF WORK BY FEMA EXISTING SPACES AND PLANS. ANY DISCREPANCIES SHALL BE NOTIFIED TO THE ARCHITECT IN WRITING. THE CONTRACTOR SHALL PERFORM REPAIR AND CONSTRUCTIVE SCOPE OF WORK INCLUDED IN THE GENERAL CONDITIONS AND THE BID DOCUMENTS. AND CONSTRUCT IN STRICT ACCORDANCE AND CONSTRUCT IN STRICT ACCORDANCE WITH THE SCOPE OF WORK INCLUDED.

OWNER

PROPONENT

FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS

CONSULTANT

SEAL

PROJECT INFORMATION

GIMNASIO MUNICIPAL
SABANA GRANDE, PR

PUEBLO PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE

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DESIGNED BY:	-
BRA PROJECT NUMBER:	

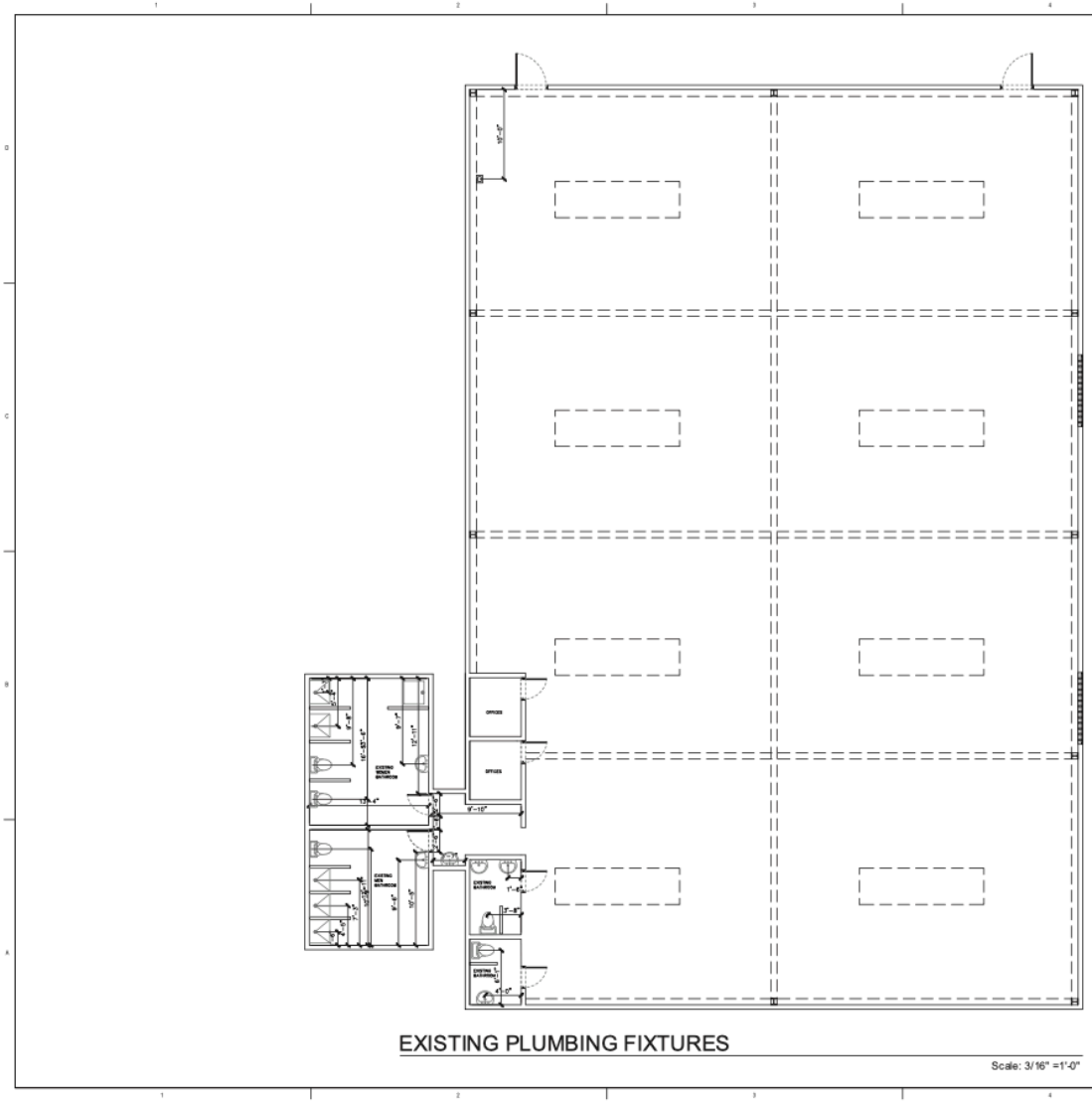
SHEET TITLE

EXISTING EQUIPMENT LAYOUT PLAN

SHEET ID

SHEET

A-7



EXISTING PLUMBING FIXTURES

Scale: 3/16" =1'-0"

OWNER

PROPONENT

FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS

CONSULTANT

SEAL

PROJECT INFORMATION

GIMNASIO MUNICIPAL
SABANA GRANDE, PR

PUEBLO FUERTO RICO

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DESIGNED BY:	-
GRA PROJECT NUMBER:	

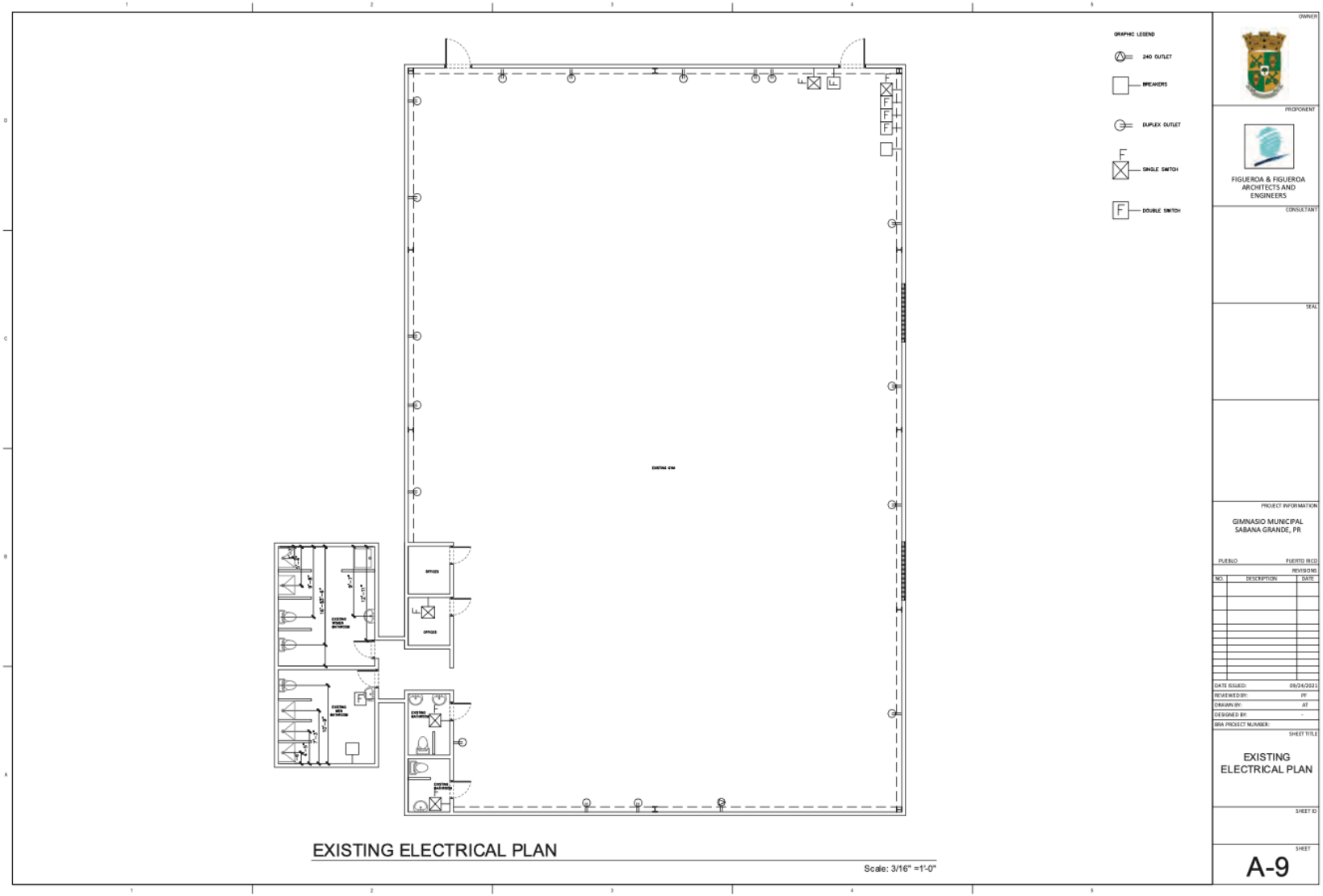
SHEET TITLE

EXISTING PLUMBING FIXTURES

SHEET ID

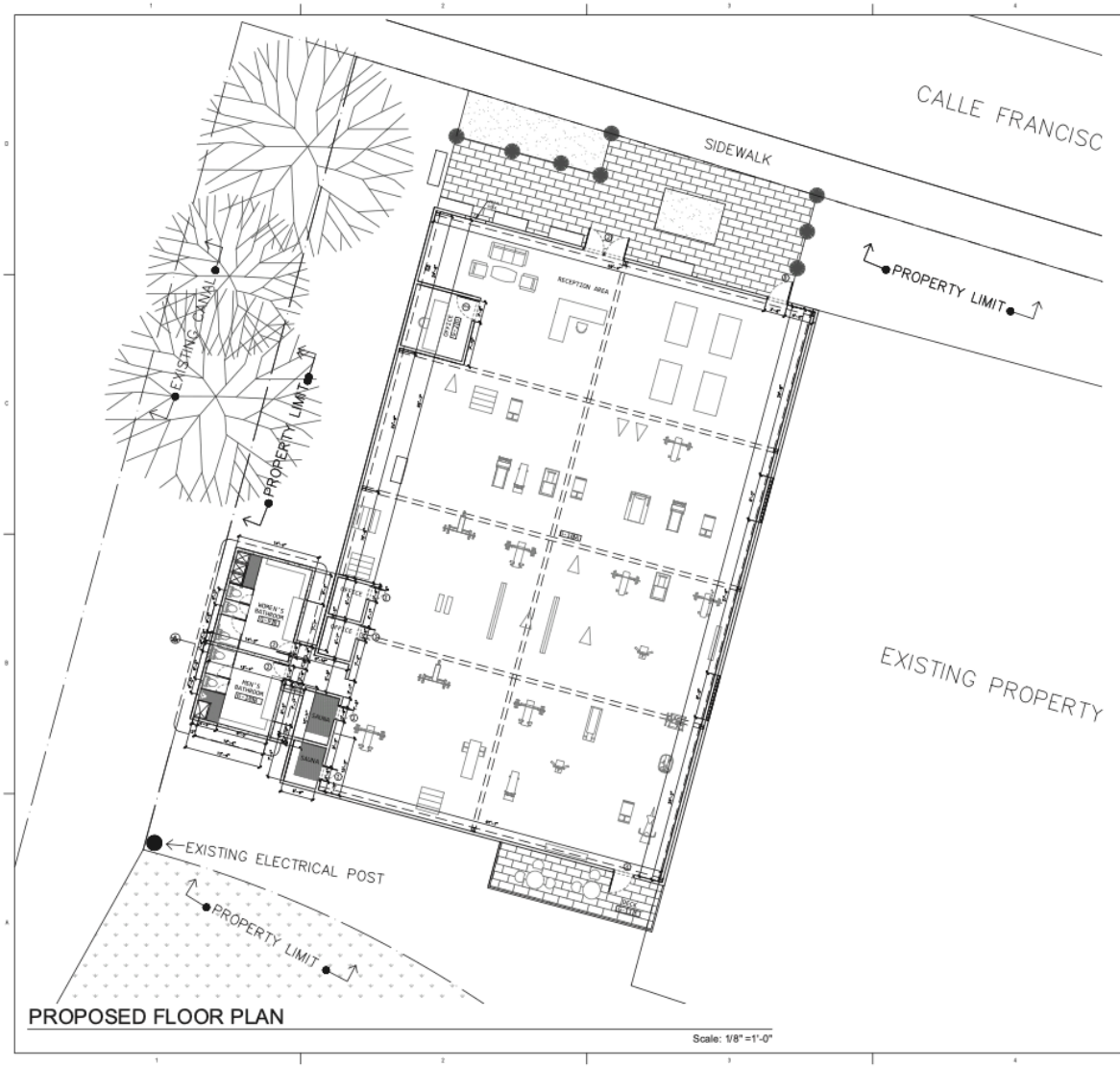
SHEET

A-8



EXISTING ELECTRICAL PLAN

Scale: 3/16" =1'-0"



PROPOSED FLOOR PLAN

Scale: 1/8" =1'-0"

SCHEDULE OF FINISHES:

GROUP A

FLOOR: EXISTING FLOOR TO BE PRESSURED CLEANED.

CEILING: EXISTING INSULATED TUBE REMOVED AND SUBSTITUTED BY 2" RETRO FIT INSULATED BY STEEL BLDG 6 UNSULATED TO BE PAINTED.

WALLS: EXISTING TO BE PAINTED STEEL MEMBERS.

GROUP B

FLOOR: NEW CERAMIC TILE 2" X 2" AMERICA OLEAN COLOR TO BE SELECTED BY ARCHITECT.

CEILING: EXISTING TO BE PAINTED

WALLS : 4"X 4" GLAZED TILE LIF TO TOOF AMERICAN OLEAN. COLOR TO BE SELECTED BY ARCHITECT.

GROUP C:

FLOOR: EXISTING TO BE PRESSURED CLEANED

CEILING: EXISTING TO BE PAINTED

WALLS : EXISTING TO BE PAINTED

BASEBOARD: 4" VINYL NEW COLOR TO BE SELECTED BY ARCHITECT.

GROUP D:

FLOOR: EXISTING TO BE PRESSURED CLEANED

CEILING: EXISTING TO BE PAINTED

WALLS : NEW & GYPSUM WALL 8'-0" HIGH PAINTED

BASEBOARD: 4" VINYL NEW COLOR TO BE SELECTED BY ARCHITECT.

GROUP E:

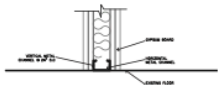
FLOOR: NEW CERAMIC TILE NON SLIP 6" X 24"

IMPORTANT CLARIFICATION NOTE:

THESE ARE CONSTRUCTION BID DOCUMENTS TO REPAIR AND/OR CORRECT IDENTIFIED DAMAGES. THEREFORE THE CONTRACTOR SHALL USE AND INTERPRET BID DOCUMENTS IN CONSTRUCTION DESCRIPTION TO BIDDERS, ADDENDA, TECHNICAL SPECIFICATIONS, GENERAL CONDITIONS AND PLANS.

WHEN REFERENCE DAMAGE DESCRIPTIVE THE CONTRACTOR SHALL UNDERSTAND THAT SUCH IDENTIFIED DAMAGE HAS TO BE CORRECTED AND REPAIRED WITHIN THE SCOPE AND PARAMETERS OF SUCH DAMAGES IN KEEPING AND "" TO THE DETAILS, SPECIFICATIONS AND BID DOCUMENTS.

CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CORRELATE AND MATCH THE DAMAGE DESCRIPTION, SCOPE OF WORK BY FEMA EXISTING SPACES AND PLANS. ANY DISCREPANCIES SHALL BE NOTIFIED TO THE ARCHITECT IN WRITING. THE CONTRACTOR SHALL PERFORM REPAIR AND CONSTRUCTIVE SCOPE OF WORK INCLUDED IN THE GENERAL CONDITIONS AND THE BID DOCUMENTS. AND CONSTRUCT IN STRICT ACCORDANCE AND CONSTRUCT IN STRICT ACCORDANCE WITH THE SCOPE OF WORK INCLUDED.



TYPICAL WALL DETAIL
FOR NEW OFFICE

OWNER

PROPONENT

FIGUEROA & FIGUEROA
ARCHITECTS AND
ENGINEERS

CONSULTANT

SEAL

PROJECT INFORMATION

GIMNASIO MUNICIPAL
SABANA GRANDE, PR

PUEBLO PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE

DATE ISSUED:	09/24/2021
REVIEWED BY:	PF
DRAWN BY:	AT
DESIGNED BY:	-
BRA PROJECT NUMBER:	

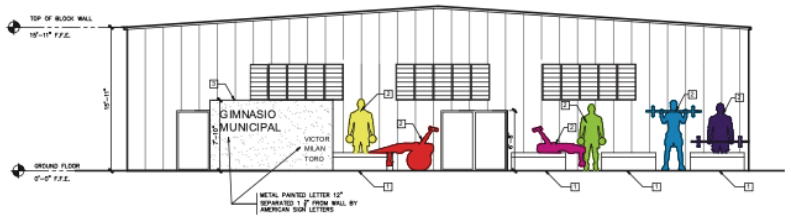
SHEET TITLE

PROPOSED
FLOOR PLAN

SHEET ID

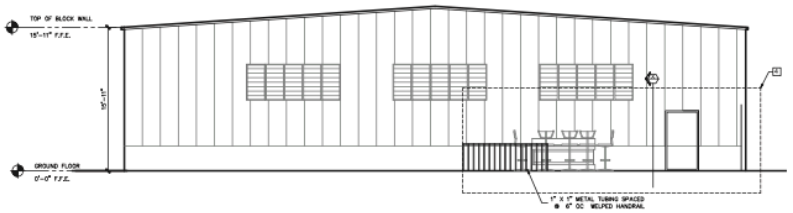
SHEET

A-10



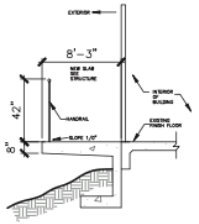
PROPOSED ENTRANCE FACADE

Scale: 3/16" =1'-0"



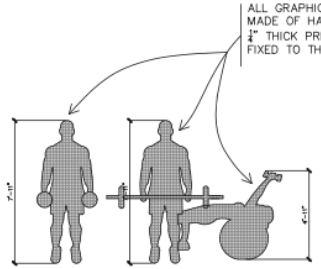
PROPOSED REAR FACADE

Scale: 3/16" =1'-0"



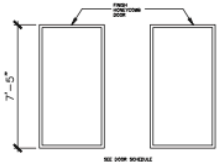
SECTION X

N.T.S



FACADE INSTALLATION GRAPHICS

Scale: 3/16" =1'-0"



EXTERIOR DOOR TYPES

N.T.S

1

OWNER

PROPONENT

FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS

CONSULTANT

SEAL

PROJECT INFORMATION

GIMNASIO MUNICIPAL
SABANA GRANDE, PR

PUEBLO PUERTO RICO

REVISIONS

NO.	DESCRIPTION	DATE

DATE ISSUED:	09/24/2021
REVIEWED BY:	PF
DRAWN BY:	AT
DESIGNED BY:	-
BRA PROJECT NUMBER:	

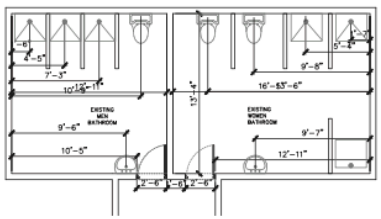
SHEET TITLE

PROPOSED ELEVATIONS

SHEET ID

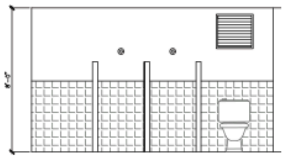
SHEET

A-11



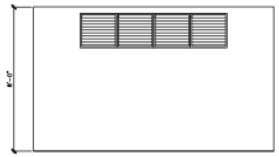
BLOW-UP EXISTING BATHROOMS

SCALE: 1/4 =1'-0"



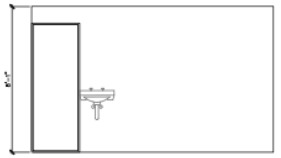
ELEV. MEN'S BATHROOM MKD A

SCALE: 3/8 =1'-0"



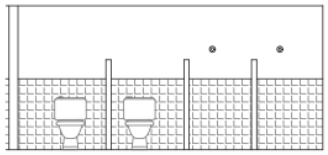
ELEV. MEN'S BATHROOM MKD B

SCALE: 3/8 =1'-0"



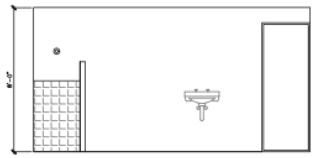
ELEV. MEN'S BATHROOM MKD C

SCALE: 3/8 =1'-0"



ELEV. WOMEN'S BATHROOM MKD A

SCALE: 3/8 =1'-0"



ELEV. WOMEN'S BATHROOM MKD B

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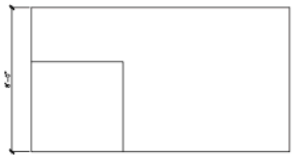

ELEV. WOMEN'S BATHROOM MKD C

SCALE: 3/8 =1'-0"

OWNER

PROPONENT

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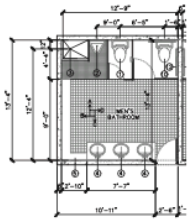
SHEET TITLE

EXISTING BATHROOMS ENLARGED PLANS

SHEET ID

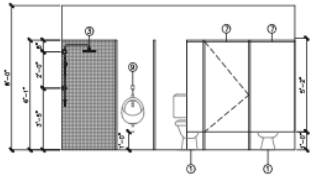
SHEET

A-12



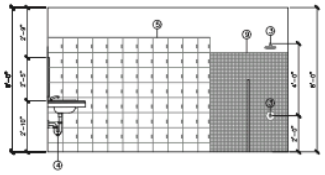
BLOW-UP MEN'S BATHROOM

SCALE: 3/16 =1'-0"



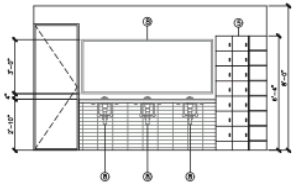
ELEV. MEN'S BATHROOM MKD A

SCALE: 3/8 =1'-0"



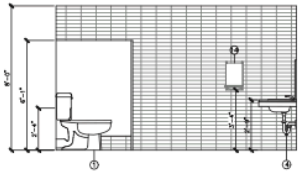
ELEV. MEN'S BATHROOM MKD B

SCALE: 3/8 =1'-0"



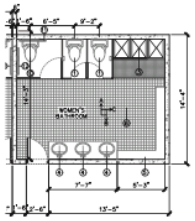
ELEV. MEN'S BATHROOM MKD C

SCALE: 3/8 =1'-0"



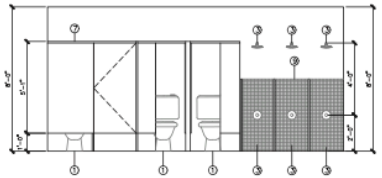
ELEV. MEN'S BATHROOM MKD D

SCALE: 3/8 =1'-0"



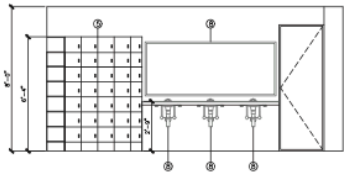
BLOW-UP WOMEN'S BATHROOM

SCALE: 3/16 =1'-0"



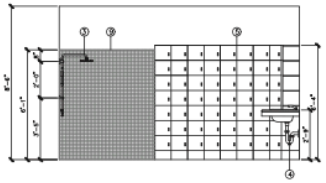
ELEV. WOMEN'S BATHROOM MKD A

SCALE: 3/8 =1'-0"



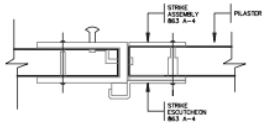
ELEV. WOMEN'S BATHROOM MKD B

SCALE: 3/8 =1'-0"



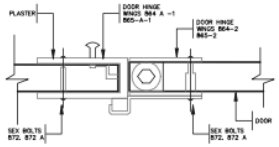
ELEV. WOMEN'S BATHROOM MKD C

SCALE: 3/8 =1'-0"



DETAIL MKD

NOT TO SCALE



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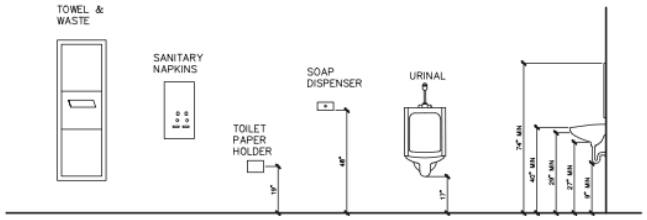

BATHROOMS ACCESORIES BY CODE ADA

SCALE: 3/8 =1'-0"

BATHROOM ACCESORIES

1. TOILET (SEE SPECIFICATIONS) PLUMBING PLAN & SPEC
2. URINAL (KOHLER)
3. GROHE HEADSHOWER SET
4. HANDICAPED SINK
5. LOCKER
6. FLOOR MATERIAL TO BE SELECTED BY ARCHITECT
7. BATHROOM STALL STAINLESS STEEL
8. SINK TUBE TO BE SPECIFIED BY ARCHITECT
9. WALL TILE TO BE SELECTED BY ARCHITECT
10. TOILET FOR HANDICAPED
11. GRAB BAR 36" (BOBRICK-4112)
12. GRAB BAR 42" (BOBRICK)
13. PAPER TOWEL DISPENSER (BOBRICK-4262)

LOCKER SPECIFICATION AT SPACE

DOBLE THEIR LOCKERS SHALL BE 57-049 AA 12" X 18" X 36" ALL SHAVE HAVE CONTINOUS SLOPE TOPS AND CLOSED BASE (6") BRAND SHALL BE LYON, SUPPLIER CH DISTRIBUTORS INC. TEL 414-271-2250, FAX 414-271-8950. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR OWNER'S APPROVAL PRIOR PLACING ORDER.

OWNER

PROPONENT

FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS

CONSULTANT

SEAL

PROJECT INFORMATION

GIMNASIO MUNICIPAL
SABANA GRANDE, PR

PUEBLO: PUERTO RICO

REVISIONS

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BRA PROJECT NUMBER:	

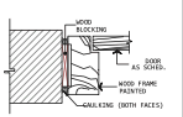
SHEET TITLE

BATHROOMS ENLARGED PLANS

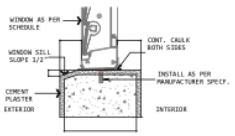
SHEET ID

SHEET

A-13



WOOD FRAME DETAIL
NOT TO SCALE



WINDOW SILL DETAIL
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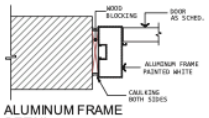

ALUMINUM FRAME DETAIL
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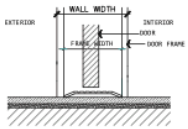
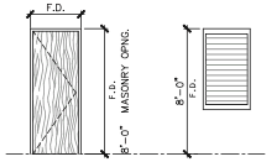
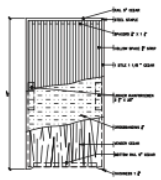
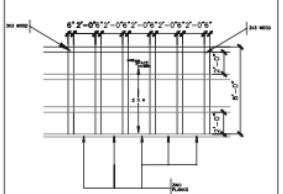


ALUM. SADDLE DETAIL
N.T.S.

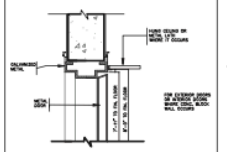




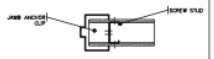
SEMI-SOLID FLUSH DOOR CEDAR
N.T.S



TYPICAL ELEVATION TEMPORARY FENCE
N.T.S



TYPICAL DOOR FRAME
N.T.S

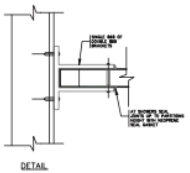


GYPSUM BOARD DOOR JAMB
N.T.S

TYPICAL SIGN FOR ALL DOORS

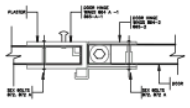
DOOR IDENTIFICATION COULD VARY IN SIZES ACCORDING TO DIFFERENCE IN SPACE DESIGNATION

TYPICAL SIGNS DOORS
N.T.S

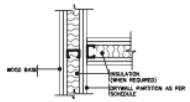


DETAIL
N.T.S

DETAIL
N.T.S



DETAIL
N.T.S



DOOR SCHEDULE

DOOR #	LOCATION	DOOR							TYPE OF FRAME		HARDWARE	REMARK
		LEAVES		SIZE OF EACH LEAF			TYPE OF DOOR		TYPE	FINISH		
		NO. OF LEAVES	ACTIVE LEAF	WIDTH	HEIGHT	THICKNESS	TYPE	FINISH				
1	INTERIOR	-	-	36" MIN.	80"	1 3/4"	-	-	-	-	-	-

DOOR SCHEDULE

DOOR #	LOCATION	DOOR							TYPE OF FRAME		HARDWARE	REMARK
		LEAVES		SIZE OF EACH LEAF			TYPE OF DOOR		TYPE	FINISH		
		NO. OF LEAVES	ACTIVE LEAF	WIDTH	HEIGHT	THICKNESS	TYPE	FINISH				
A	EXTERIOR	-	-	80"	8'-0"	1 3/4"						

NOTE:

ALL EXTERIOR DOORS SHALL HAVE #347 AND #68 PEMKO TOP DOOR PROTECTION AND #222 DV DOOR BOTTOM PROTECTION. ON THE HINGE SIDE PROVIDE EQUAL OR SIMILAR TO #335 BY PEMKO.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL WEATHER STRIPPING.

(INTERIOR CORE WILL BE MAHOGANY)

NOTE: ALL TOILET PARTITIONS SHALL BE "KNICKERBOCKER" BYH AMERICAN AGENCIES METROPOLITAN OVERHEAD BRACED CONSTRUCTION SHALL BE ¾" MAHOGANY PLYWOOD WITH PLASTIC LAMINATED COLOR TO BE SELECTED BY ARCHITECT. CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR APPROVAL.

NOTE: CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF TOILET PARTITIONS AND BATHROOM ACCESSORIES FOR ARCHITECTS APPROVAL PRIOR TO FABRICATION.

OWNER

PROPONENT

FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS

CONSULTANT

SEAL

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GIMNASIO MUNICIPAL
SABANA GRANDE, PR

PUEBLO PUERTO RICO

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DESIGNED BY: -
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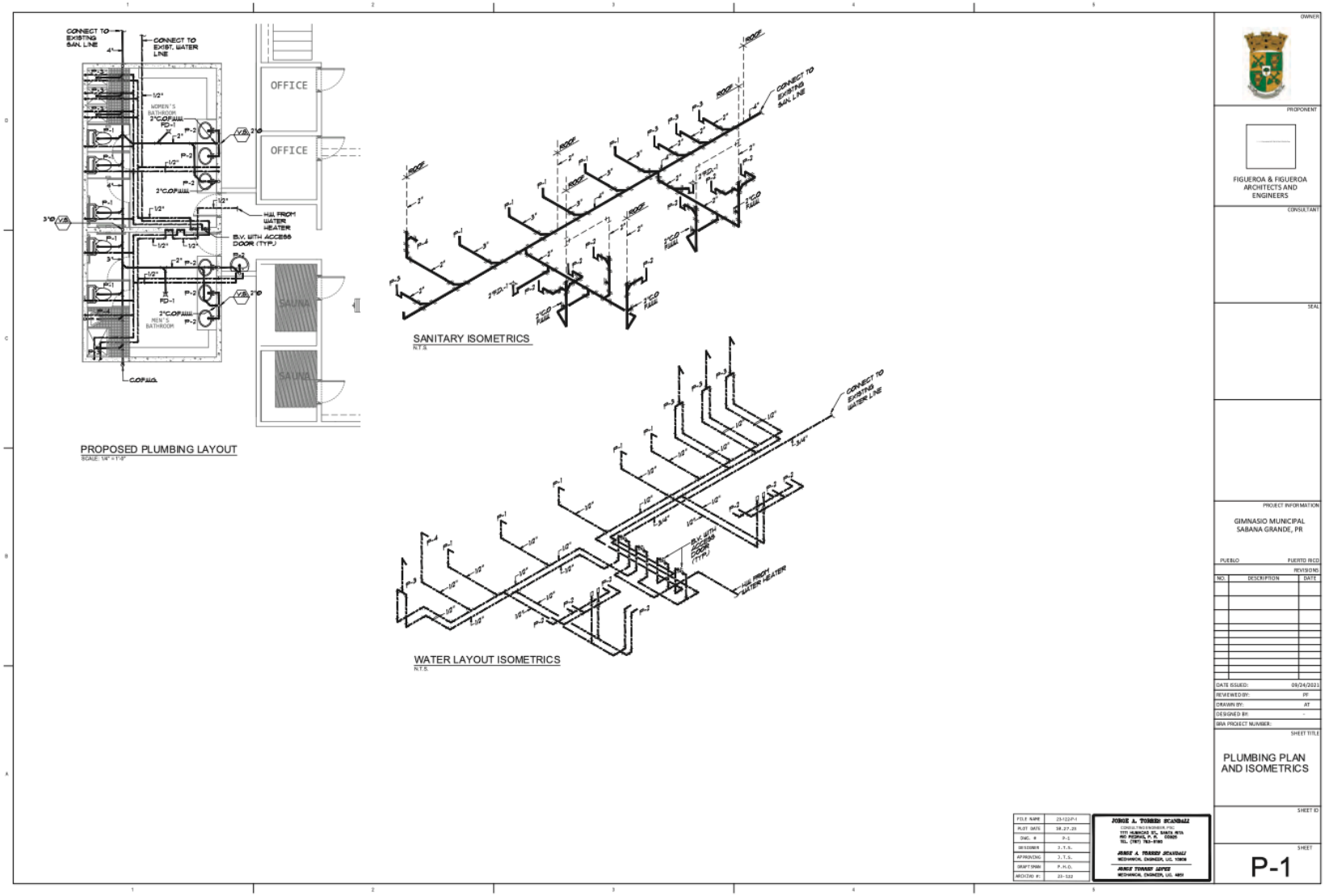
SHEET TITLE

EXISTING BATHROOMS ENLARGED PLANS

SHEET ID

SHEET

A-14


CONNECT TO EXISTING SAN. LINE
CONNECT TO EXIST. WATER LINE
OFFICE
OFFICE
SAUNA
SAUNA
HW FROM WATER HEATER
B.V. WITH ACCESS DOOR (TYP.)
C.O.P.W.G.
PROPOSED PLUMBING LAYOUT
SCALE: 1/4" = 1'-0"
CONNECT TO EXISTING SAN. LINE
SANITARY ISOMETRICS
N.T.S.
CONNECT TO EXISTING WATER LINE
B.V. WITH ACCESS DOOR (TYP.)
HW FROM WATER HEATER
WATER LAYOUT ISOMETRICS
N.T.S.
OWNER
PROPONENT
FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS
CONSULTANT
SEAL
PROJECT INFORMATION
GIMNASIO MUNICIPAL
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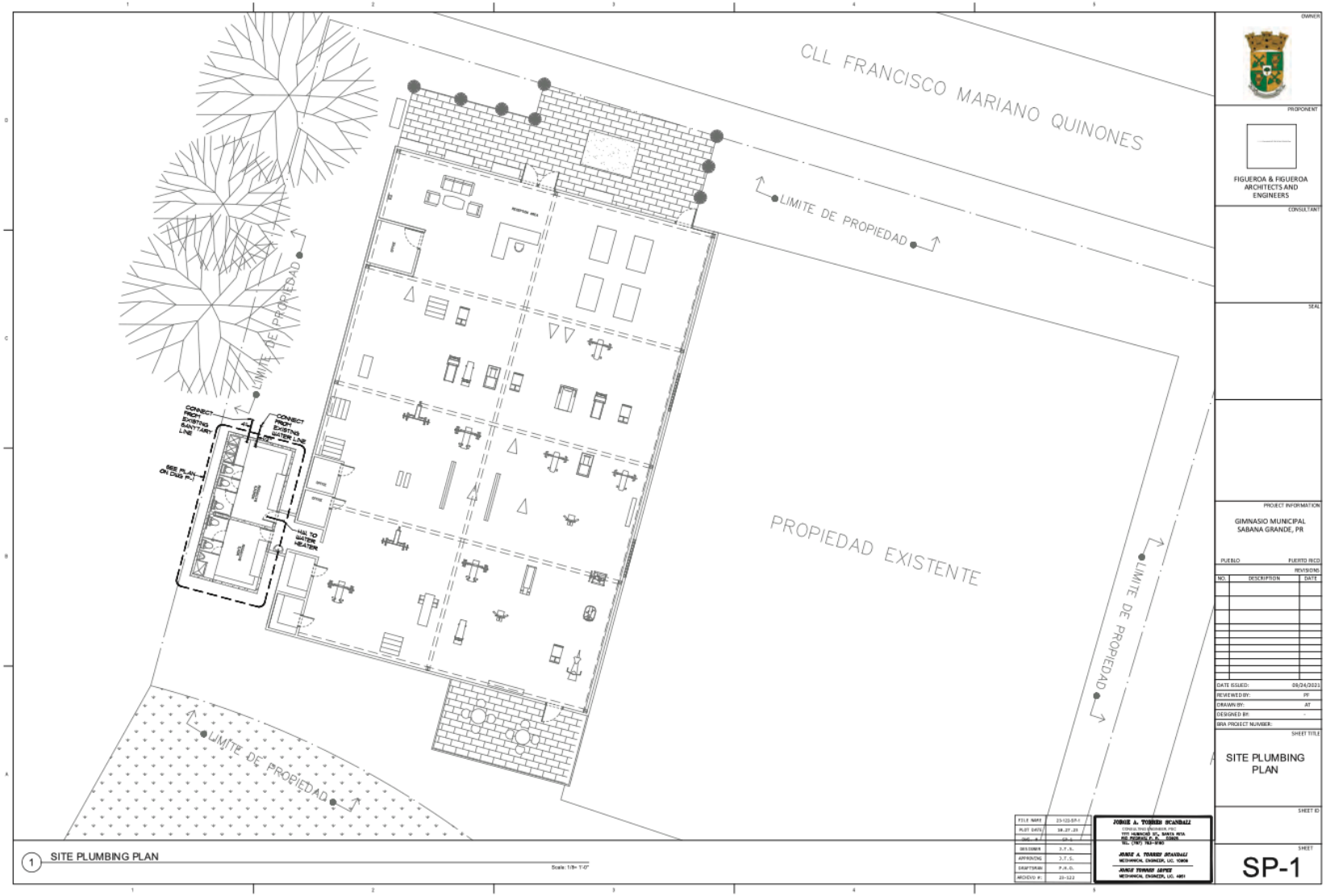
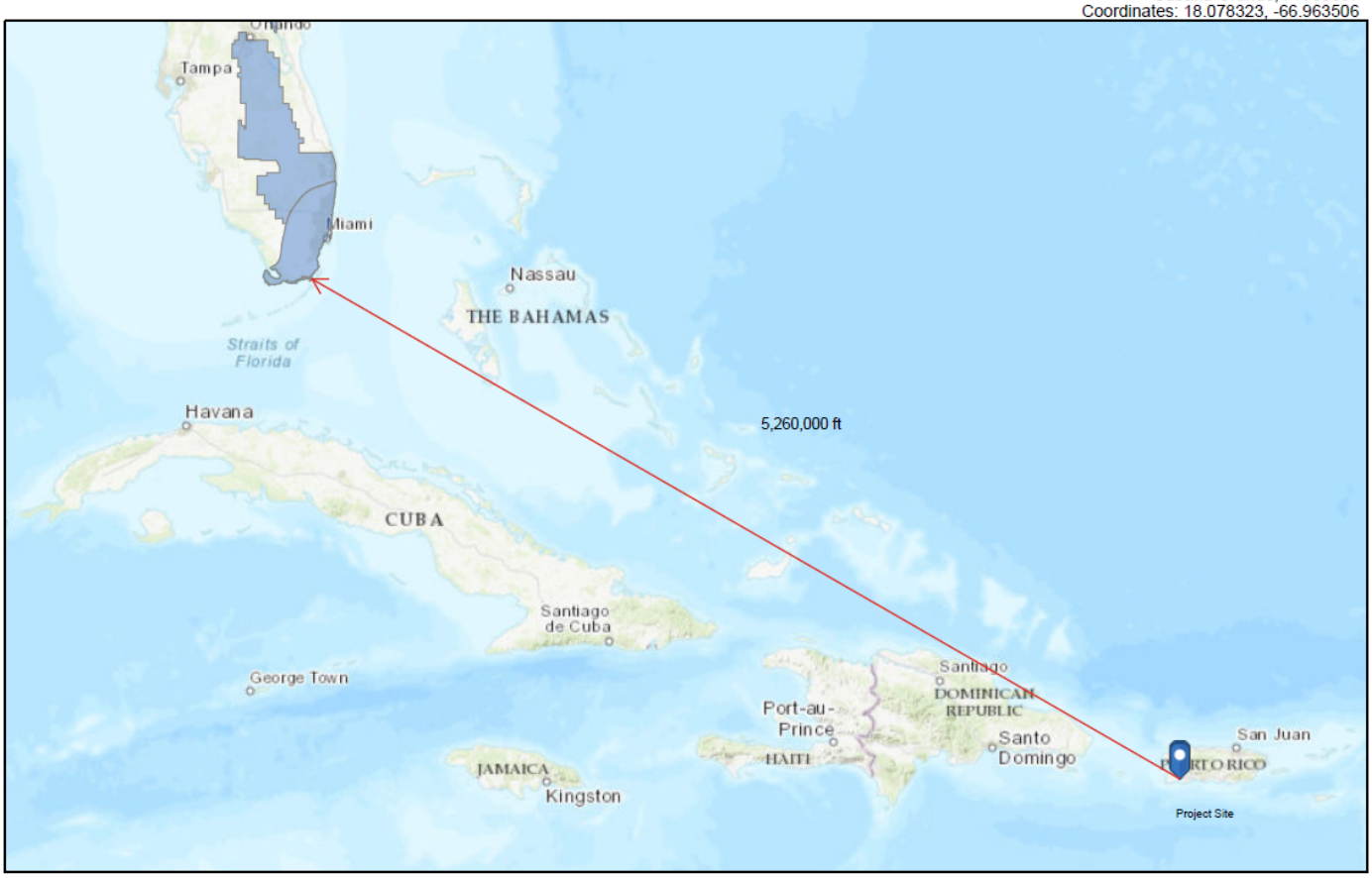
PUEBLO
PUERTO RICO
REVISIONS
NO.
DESCRIPTION
DATE
DATE ISSUED: 08/24/2021
REVIEWED BY: PF
DRAWN BY: AT
DESIGNED BY: -
BRA PROJECT NUMBER:
SHEET TITLE
PLUMBING PLAN AND ISOMETRICS
SHEET ID
SHEET
P-1
JORGE A. TORRES SCANDALI
CONSULTING ENGINEER PSC
MECHANICAL ENGINEER, LIC. 10858
JORGE TORRES LOPEZ
MECHANICAL ENGINEER, LIC. 4855


CLL FRANCISCO MARIANO QUINONES
LIMITE DE PROPIEDAD
LIMITE DE PROPIEDAD
PROPIEDAD EXISTENTE
LIMITE DE PROPIEDAD
LIMITE DE PROPIEDAD
CONNECT FROM EXISTING SANITARY LINE
CONNECT FROM EXISTING WATER LINE
SEE PLAN ON SAS P-1
HALTO WATER HEATER
1 SITE PLUMBING PLAN
Scale: 1/8= 1'-0"
OWNER
PROPONENT
FIGUEROA & FIGUEROA ARCHITECTS AND ENGINEERS
CONSULTANT
SEAL
PROJECT INFORMATION
GIMNASIO MUNICIPAL SABANA GRANDE, PR
PUEBLO
PUERTO RICO
REVISIONS
NO.
DESCRIPTION
DATE
DATE ISSUED: 09/24/2021
REVIEWED BY: PP
DRAWN BY: AT
DESIGNED BY: -
BPA PROJECT NUMBER:
SHEET TITLE
SITE PLUMBING PLAN
SHEET ID
SHEET
SP-1
FILE NAME 23-122-SP-1
PLOT DATE/ 18.27.20
SHEET # SP-1
DESIGNER J.T.S.
APPROVING J.T.S.
DRAFTSMAN P.M.O.
ARCHIVO #: 23-122
JORGE A. TORRES SCANDALI
CONSULTING ENGINEER, PSC
TITI HERRERO ST., SANTA RITA
RIO PIEDRAS, P. R., 00925
TEL. (787) 763-8180
JORGE A. TORRES SCANDALI
MECHANICAL ENGINEER, LIC. 10808
JORGE TORRES LOPEZ
MECHANICAL ENGINEER, LIC. 4851

Attachment 13 Sole Source Aquifer

PR-CRP-001094 Gimnasio Municipal
Highway 102 Francisco Mariano Quiñones/People's Sports Complex, Adjacent to Police Headquarters, Pueblo Ward, Sabana Grande, PR 00637
Coordinates: 18.078323, -66.963506

Sole Source Aquifers Map



Legend:

Sole_Source_Aquifers

Project Site

https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b

1:9,244,649

0 70 140 280 mi

0 115 230 460 km

Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS

8/9/2024

U.S. Environmental Protection Agency

Attachment 14 Wetlands Protection

U.S. Fish and Wildlife Service
National Wetlands Inventory

PR-CRP-001094 Gimnasio Municipal
Highway 102 Francisco Mariano Quiñones/People's Sports Complex, Adjacent to
Police Headquarters, Pueblo Ward,
Sabana Grande, PR 00637
Coordinates: 18.078323, -66.963506

November 27, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

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https://www.fws.gov/program/national-wetlands-inventory/wetlands-mapper

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

Attachment 15 Wild and Scenic Rivers