Drawings

Southwest

Bid Package SW 1-5

N

DEMOLITION: BUILDING T-0575-0-62-00; CATASTRO 407-000-008-32 ADDRESS URB. INDUSTRIAL ,RAMAL CARR,4116 GUÁNICA P.R.

INDEX OF DRAWINGS

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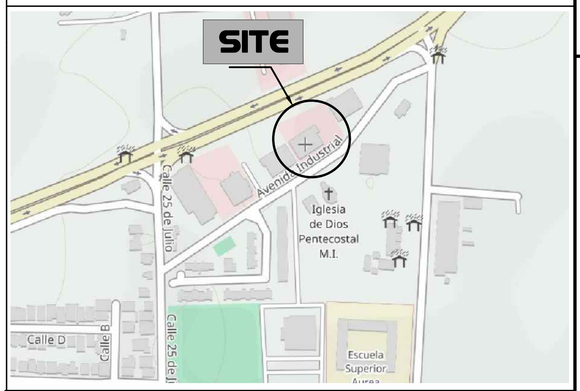
8	MOT-10.0	MOT MAINTENANCE OF TRAFFIC DETAILS AND NOTES.





AERIAL VIEW
N.T.S



LOCATION AND TOPOGRAPHIC MAP
COORDINATES (NAD-83)
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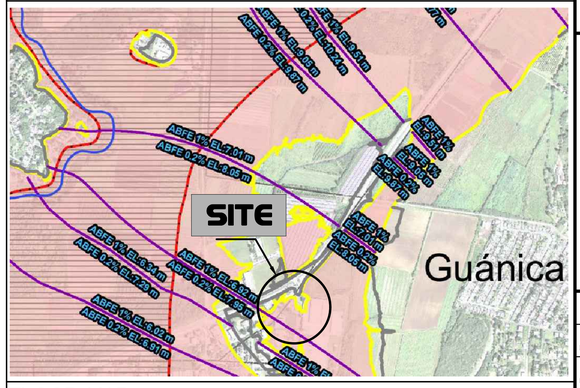
Y:216092.8706



FLOOD MAP
FECHA EFECTIVIDAD 13/ARIL/2018

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

MIGUEL A. BONILLA, P.E.

Yo, Ingeniero Miguel A.Bonilla, número de licencia 6105 , certifico que soy el professional que diseño estos planos y las especificaciones complementarias. Tambien certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del reglamento conjunto y las disposiciones aplicables de los reglamentos y codigos de los agencias, juntas reglamentadoras o corporaciones públicas con jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe y otras autoridades competentes incluyendo, pero sin limitarse a la terminación de la participación en los procedimientos de certificación professional en la OGPe.

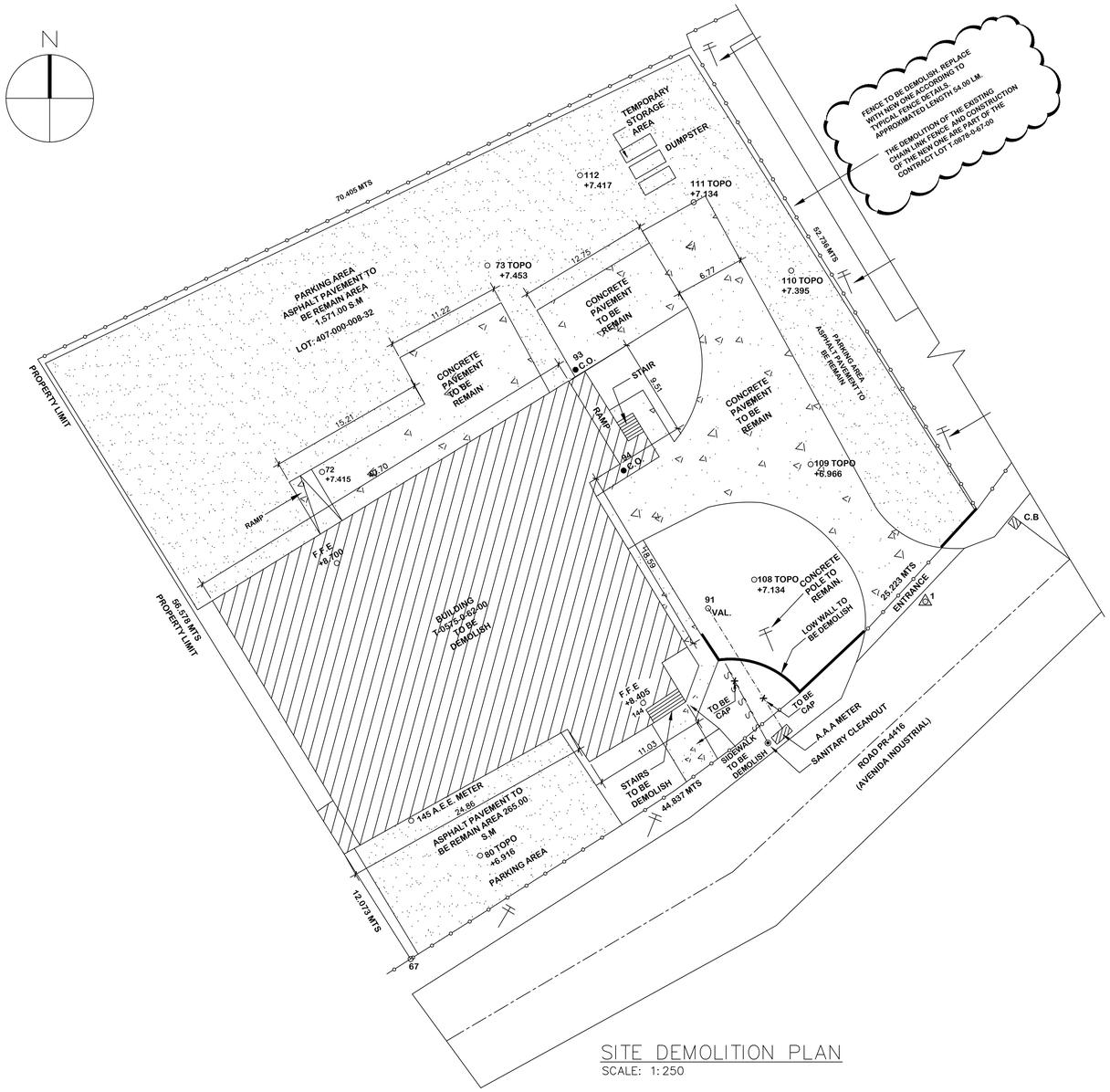
CARENERO WARD
LOTE L-141-1-60

CHECKED BY:	DRAWN BY: G. VELEZ
PLOT DATE: MAY 22, 2026 TIME:	SCALE: N.T.S.
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

DRAWING TITLE

TITLE AND LOCATION

DRAWING NO. T-1.0	SHEET NO. 1
	TOTAL NO. 8



SITE DEMOLITION PLAN

SCALE: 1:250

CONTROL POINTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	216077.386	150029.922	6.826	STA.1 NAIL
2	216127.020	150065.528	7.004	STA.2 NAIL

1.SCOPE OF DEMOLITION:

1.THE EXISTING BUILDING SHALL BE COMPLETELY DEMOLISHED AND REMOVED, INCLUDING ALL SUPERSTRUCTURE AND SUBSTRUCTURE COMPONENTS.
DEMOLITION SHALL BE PERFOMRED IN TWO PHASES AND SHALL INCLUDE , BUT NOT LIMITED TO:

PHASE 1:
- STRUCTURAL FRAMING (STEEL OR REINFORCED CONCRETE). EVERYHTING FROM THE SLAB ON GROUND AND UPWARDS. THE SLAB ON GROUND WILL BE DEMOLISHED AND REMOVED ON PHASE 2 AFTER THE ASBESTOS AND LEAD BASED PAINT OR ANY HAZARDOUS MATERIAL ARE ANALISED.

PHASE 2: (SHALL COMMENCE AFTER THE SLAB ON GROUND HAS BEEN ANALIZED FOR ASBESTOS AND LEAD BASED PAINT)
- FLOOR SLABS AND SLAB ON GRADE
- GRADE BEAMS AND TIE BEAMS.
- FOOTINGS, SPREAD FOOTINGS, COMBINED FOOTINGS.
- PEDESTALS AND EQUIPMENT FOUNDATIONS.
- UNDERGROUND FOUNDATIONS AND STRUCTURAL ELEMENTS.
- ALL BURIED INFRA
- STRUCTURE ASSOCIATED WITH THE BUILDING.

ALL STRUCTURAL AND NON STRUCTURAL COMPONENTS SHALL BE REMOVED DOWN TO THE BOTTOM OF THE LOWEST FOUNDATION ELEMENT. SEE SHEET A-3.1 ELEVATIONS AND SECTIONS.

2.EXCAVATION LIMITS:

EXCAVATION SHALL CONTINUE UNTIL:

- THE BOTTOM OF THE FOUNDATION SYSTEM IS FULLY EXPOSED.
- ALL STRUCTURAL CONCRETE BELOW GRADE IS REMOVED
- ALL VOIDS AND UNSUITABLE MATERIAL ARE ELIMINATED

THE CONTRACTOR SHALL VERIFY IN FIELD THE ACTUAL DEPTH OF FOUNDATIONS PRIOR TO FINAL BACKFILLING.

3.BACKFILL REQUIREMENTS:

AFTER COMPLETE REMOVAL OF FOUNDATION AND UNDERGROUND INFRASTRUCTURES:

1.THE ESCAVATION SHALL BE BACKFILLED WITH SELECT STRUCTURAL FILL CLASSIFIED AS A-2-4 OR BETTER IN ACCORDANCE WHTH AASHTO SOIL CLASSIFICATION STANDARDS.

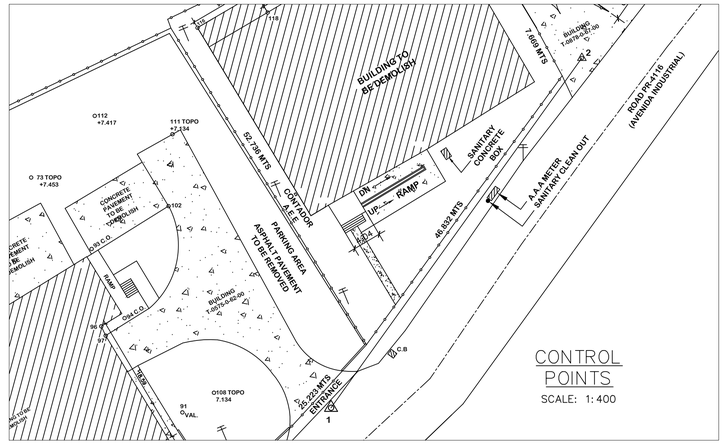
2.FILL MATERIAL SHALL:
- BE FREE OF ORGANIC MATERIAL, DEBRIS, OR CONSTRUCTION WASTE.
- BE MOISTURE CONDITIONED TO OPTIMUM.
- BE PLACE IN LAYERS NOT EXCEEDING 8 INCHES LOOSE THICKNESS.

3.EACH LAYER SHALL BE COMPACTED TO:
- MINIMUM 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557) UNLESS OTHERWISE SPECIFIED.

4.COMPACTION TESTING SHALL BE PERFORMED AT THE EXPENSE OF THE CONTRACTOR AS REQUIRED BY THE ENGINEER.
5.THE FINAL SURFACE SHALL BE PROTECTED AGAINST EROSION BY PLACING A MINIMUM OF 6" OF TOPSOIL.
6.HYDROSEEDING SHALL BE PROVIDED AND APPLIED AS REQUIRED TO PREVENT SOIL EROSION.
7.HYDROSEEDING MAINTENANCE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL WATER REQUIRED FOR THE PREPARATION, APPLICATION, ESTABLISHMENT, AND MAINTENANCE OF THE HYDROSEED. THE HYDROSEEDED AREAS SHALL BE IRRIGATED AT LEAST TWO (2) TIMES PER DAY, OR AS NECESSARY TO MAINTAIN ADEQUATE SOIL MOISTURE, FOR A MINIMUM PERIOD OF FIVE (5) WEEKS AFTER APPLICATION, OR UNTIL A HEALTHY AND UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED. ANY AREA THAT FAILS TO GERMINATE OR BECOME DAMAGED DURING THIS MAINTENANCE PERIOD SHALL BE RE-SEEDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

LEGEND:

CONTROL STATION	WOODEN POWER POLE		CONCRETE GUTTER
PROPERTY POINT	WOODEN LIGHT POLE		CENTER LINE
SANITARY SEWER MANHOLE	KM ID	S	SANITARY SEWER LINE
STORM SEWER MANHOLE	SANITARY CLEAN OUT	STW	STORM SEWER LINE
ELECTRIC UTILITY JUNCTION BOX	FIRE HYDRANT	TEL	TELEPHONE LINE
TELEPHONE MANHOLE	CURB INLET	PWL	POWER LINE
WATER MANHOLE	PUBLIC TELEPHONE BOOTH		CHAIN LINK FENCE
GAS MANHOLE	TRAFFIC LIGHT BOX		CHAIN LINK FENCE WITH CONC. BASE
CATCH BASINS	COMMUNICATION PULL BOX		BARBED WIRE FENCE
WATER METER	SIGN		METAL FENCE
WATER VALVE	CABLE GUY	TEL & ELE	TELEPHONE/ELECTRIC LINE
GALVANIZE POWER POLE	EXISTING TREE		PROPERTY LINE
CONCRETE LIGHT POLE	EXISTING PALM TREE		WATER EDGE
CONCRETE POWER POLE	BUS STOP	60.00	SPOT ELEVATIONS
UTILITY LIGHT POLE			EXISTING STRUCTURES
TELEPHONE POLE			
ELECTRIC BOX			



CONTROL POINTS

SCALE: 1:400

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

MIGUEL A. BONILLA, P. E.

Yo, Ingeniero Miguel A.Bonilla, número de licencia 6105 , certifico que soy el profesional autorizado para preparar estos planos y especificaciones y también certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del reglamento conjunto y las disposiciones aplicables de los reglamentos y codigos de las agencias, juntas reglamentadoras o corporaciones públicas con jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia yo sea por mi, mis empleados o cualquier persona que actúe en mi nombre, me hace responsable de cualquier acción judicial y disciplinaria por la OGPe y otras autoridades competentes incluyendo, pero sin limitarse a la terminación de la participación en los procedimientos de certificación profesional en la OGPe.

CARENERO WARD

LOTE L-141-1-60

CHECKED BY:	DRAWN BY: G. VELEZ
PLOT DATE: MAY 22, 2026 TIME:	SCALE: AS-SHOWN
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

DRAWING TITLE

SITE DEMOLITION PLAN

DRAWING NO. SI-2.0	SHEET NO. 2
	TOTAL NO. 8

GENERAL NOTES:

1. THIS DRAWING SET HAS BEEN PREPARED FOR DEMOLITION ACTIVITIES TO BE EXECUTED WITHIN THE PROJECT SITE. IT IS NOT TO BE USED FOR OTHER ADDITIONAL CONSTRUCTION ACTIVITIES.

2. FINAL FLAT SURFACE LEVELING MUST BE ATTAINED BY MEANS OF CUT & FILL ACTIVITIES WITH CLEAN SOIL MATERIAL ACCORDING TO PROJECT SPECIFICATIONS AND DRAWINGS.

3. A FINAL SET OF AS-BUILT DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE A&E UPON COMPLETION OF CONSTRUCTION. THE AS-BUILT DRAWINGS SHALL BE CERTIFIED BY A LICENSED PROFESSIONAL SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER, AND SHALL ACCURATELY REFLECT ALL FIELD CONDITIONS, INCLUDING THE FINAL LOCATION, DIMENSIONS, AND ELEVATIONS OF ALL INSTALLED OR MODIFIED FEATURES.

4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DEVELOPMENT, IMPLEMENTATION, AND MAINTENANCE OF TRAFFIC CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT. ALL TRAFFIC CONTROL PLANS AND ACTIVITIES SHALL BE IN FULL COMPLIANCE WITH THE REQUIREMENTS OF THE PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY (PRHTA), THE MUNICIPALITY OF GUANICA, AND ANY OTHER APPLICABLE REGULATORY AGENCY. THE CONTRACTOR SHALL PROPERLY SCHEDULE, PLAN, AND EXECUTE ALL WORK ACTIVITIES TO ENSURE UNINTERRUPTED AND SAFE ACCESS FOR PROJECT-RELATED VEHICLES, INCLUDING HEAVY EQUIPMENT, TO AND FROM THE SITE, AS WELL AS TO ALL SURROUNDING MUNICIPAL AND STATE ROADS, AT ALL TIMES. ANY DISRUPTION TO EXISTING TRAFFIC PATTERNS OR ROADWAY ACCESS MUST BE COORDINATED IN ADVANCE AND APPROVED BY THE APPLICABLE AUTHORITIES.

5. NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED OUTSIDE OF THE ESTABLISHED PROJECT LIMITS.

6.FENCES, SIDEWALKS, CURBS, DITCHES AND ANY OTHER PRIVATE OR PUBLIC PROPERTY DISTURBED DURING THE CONSTRUCTION OR DEMOLITION SHALL BE RESTORED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION ONCE THE WORK IN THE AREA HAS BEEN COMPLETED.

7. THE CONTRACTOR SHALL IMPLEMENT MEASURES TO MINIMIZE THE ENVIRONMENTAL IMPACT OF ALL DEMOLITION ACTIVITIES, ENSURING COMPLIANCE WITH ALL APPLICABLE STATE AND FEDERAL REGULATIONS. ROBUST PROVISIONS FOR SOIL EROSION CONTROL, SEDIMENT CONTROL, AND EFFECTIVE STORMWATER MANAGEMENT ARE IMPERATIVE. DEVIATIONS FROM THESE REGULATIONS MAY RESULT IN SEVERE PENALTIES AND LEGAL CONSEQUENCES. THE CONTRACTOR SHALL STAY INFORMED ABOUT THE LATEST UPDATES AND AMENDMENTS TO THESE REGULATIONS AND ADJUST PRACTICES ACCORDINGLY.

8. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE PROTECTION AND PRESERVATION OF ALL TREE SPECIES LOCATED WITHIN THE PROJECT SITE LIMITS. UNDER NO CIRCUMSTANCE SHALL ANY TREE BE PRUNED, TRIMMED, OR REMOVED WITHOUT PROPER EVALUATION AND APPROVAL. IF, DUE TO CONSTRUCTION ACTIVITIES OR SELECTED CONSTRUCTION METHODS, TREE PRUNING OR REMOVAL BECOMES NECESSARY, THE CONTRACTOR MUST OBTAIN ALL REQUIRED PERMITS FROM THE PUERTO RICO DEPARTMENT OF NATURAL AND ENVIRONMENTAL RESOURCES (DNER) PRIOR TO COMMENCING ANY SUCH WORK. THE RESPONSIBILITY FOR INITIATING, PREPARING, AND SECURING THESE PERMITS LIES SOLELY WITH THE CONTRACTOR. FURTHERMORE, IF THE DNER MANDATES TREE MITIGATION PLANTING AS A CONDITION OF THE PERMIT, THE MUNICIPALITY MAY ASSIST BY PROVIDING AVAILABLE AREAS FOR REPLANTING, BUT ONLY AS PART OF THE OFFICIAL PERMITTING PROCESS. IT REMAINS THE CONTRACTOR'S DUTY TO COORDINATE WITH THE MUNICIPALITY AND THE DNER TO COMPLY WITH ALL APPLICABLE MITIGATION REQUIREMENTS.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLICABLE STATE AND FEDERAL PERMITTING AND CONTROLLING SOIL EROSION AND SEDIMENT RUNOFF FROM THE CONSTRUCTION AREA. THE CONTRACTOR SHALL OBTAIN ALL OF THE REQUIRED PERMITS AND FOLLOW ANY APPLICABLE STORMWATER RUNOFF AND/OR DISCHARGE REQUIREMENTS SET BY THE DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES (DNER) AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). THE PROJECT OWNER WILL PROVIDE THE CONTRACTOR WITH THE APPLICABLE PROFESSIONAL ENGINEERING INSPECTIONS FOR THE PROJECT INCLUDING THE EROSION CONTROL PERMITTING MONTHLY INSPECTIONS AND REPORTS.

10. THE CONTRACTOR SHALL NOTIFY THE SITE OWNER OR THE SITE OWNER AUTHORIZED REPRESENTATIVE OF MAJOR DISCREPANCIES BETWEEN THE DEMOLITION PLAN AND FIELD CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK.

11. IF ENVIRONMENTALLY SENSITIVE AREAS, ENDANGERED SPECIES, OR ARCHAEOLOGICAL RESOURCES ARE ENCOUNTERED DURING DEMOLITION/CONSTRUCTION, THE WORK IN THE AREA SHALL BE STOPPED AND THE APPROPRIATE REGULATORY AUTHORITIES SHALL BE NOTIFIED.

12. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A PERIMETER SECURITY FENCE TO RESTRICT UNAUTHORIZED ACCESS TO THE SITE.

13. SPOT ELEVATIONS PROVIDED, IF ANY, ARE MSL.

14. NOISE AND VIBRATION CONTROL: THE CONTRACTOR SHALL IMPLEMENT MEASURES TO MINIMIZE THE IMPACT OF NOISE AND VIBRATION DURING DEMOLITION. UTILIZE NOISE BARRIERS, MUFFLERS, AND VIBRATION DAMPENERS TO CONTROL AND REDUCE DISTURBANCES AS NEEDED.

15. DUST SUPPRESSION: THE CONTRACTOR SHALL IMPLEMENT EFFECTIVE DUST SUPPRESSION MEASURES TO MINIMIZE ENVIRONMENTAL AND HEALTH IMPACTS. UTILIZE WATER SPRAYS, DUST SUPPRESSION AGENTS, AND DUST BARRIERS AS NEEDED.

16. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ENSURING THE HEALTH AND SAFETY OF ALL PERSONNEL ON SITE. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY LAWS AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE PUERTO RICO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (PROSHA), AND ANY OTHER FEDERAL, STATE, OR LOCAL HEALTH AND SAFETY AGENCIES HAVING JURISDICTION. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL SUBMIT A SITE-SPECIFIC EMERGENCY RESPONSE, HEALTH AND SAFETY PLAN FOR REVIEW AND APPROVAL BY THE PROJECT INSPECTOR AND THE PROJECT OWNER. THE PLAN SHALL INCLUDE HAZARD ASSESSMENTS, EMERGENCY RESPONSE PROCEDURES, PPE REQUIREMENTS, AND SAFETY TRAINING PROTOCOLS. THE CONTRACTOR SHALL ENSURE THAT ALL WORKERS ARE ADEQUATELY TRAINED IN SAFE WORK PRACTICES, EMERGENCY PROCEDURES, AND THE PROPER USE OF PERSONAL PROTECTIVE EQUIPMENT (PPE), INCLUDING BUT NOT LIMITED TO HARD HATS, SAFETY GLASSES, GLOVES, HIGH-VISIBILITY VESTS, AND SAFETY FOOTWEAR. FAILURE TO COMPLY WITH HEALTH AND SAFETY REQUIREMENTS MAY RESULT IN WORK SUSPENSION, REMOVAL FROM THE SITE, OR OTHER ENFORCEMENT ACTIONS DEEMED NECESSARY BY THE PROJECT OWNER OR REGULATORY AUTHORITIES.

17. THE CONTRACTOR SHALL EXECUTE THE DEMOLITION PROJECT AS A FULLY COMPLIANCE-DRIVEN UNDERTAKING. THE CONTRACTOR SHALL STRICTLY ADHERE TO, AND BE FULLY RESPONSIBLE FOR COMPLYING WITH, ALL APPLICABLE HEALTH, SAFETY, AND ENVIRONMENTAL LAWS, CODES, AND REGULATIONS THROUGHOUT THE DURATION OF THE PROJECT. THIS INCLUDES, BUT IS NOT LIMITED TO, COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING AGENCIES:

- THE PUERTO RICO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (PROSHA/OSHA)
- THE PUERTO RICO DEPARTMENT OF NATURAL AND ENVIRONMENTAL RESOURCES (DNER)
- THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA)
- AND ANY OTHER LOCAL, STATE, OR FEDERAL REGULATORY AGENCIES HAVING JURISDICTION OVER THE PROJECT ACTIVITIES

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING, MAINTAINING, AND COMPLYING WITH ALL REQUIRED PERMITS, PLANS, AND APPROVALS, AND SHALL ENSURE THAT ALL PERSONNEL, SUBCONTRACTORS, AND OPERATIONS CONSISTENTLY MEET OR EXCEED THESE REGULATORY REQUIREMENTS.

18. IN THE EVENT OF ANY HAZARDOUS MATERIAL SUCHLIKE LEAD OR ASBESTOS FOLLOW THE INSTRUCTIONS IN THE SCOPE OF WORK. HANDLE AND DISPOSE OF MATERIAL IN THE APPROVED LAND FILL, THE CONTRACTOR SHALL SUBMIT A COPY OF THE RECEIVING REPORT / CHAIN OF CUSTODY AND MANIFEST FROM THE DISPOSAL FACILITY. SEE SCOPE OF WORK FOR MORE DETAILS AND NOTES.

19. THE CONTRACTOR SHALL COMPLY WITH THE REGULATIONS " LEY No.70 DEL 18 DE SEPTIEMBRE DE 1992,SEGÚN ENMENDADA,CONOCIDA COMO LA LEY DE REDUCCIÓN Y RECICLAJE DESPERDICIOS SÓLIDOS EN PUERTO RICO".

ABBREVIATIONS:

ADD ..... ADDITIONAL
B ..... BOTTOM
E.W. ..... EACH WAYS
C.C. ..... CENTER TO CENTER
CL ..... CLEAR
COL ..... COLUMN
CONST ..... CONSTRUCTION
CONT. ..... CONTINUOUS
DTL ..... DETAIL
DWG ..... DRAWING
EA ..... EACH
E.E. ..... EACH END
ELEV. ..... ELEVATION
F.B.E. ..... FOOTING BOTTOM ELEVATION
F.F.E. ..... FINISH FLOOR ELEVATION
FT ..... FEET
GALV ..... GALVANIZED
L.L. ..... LOWER LAYER
MAX ..... MAXIMUM
MECH ..... MECHANICAL
MIN ..... MINIMUM
REINF ..... REINFORCEMENT
SPECS ..... SPECIFICATIONS
STD ..... STANDARD
STL ..... STEEL
SUP ..... SUPPLEMENTARY
T ..... TOP
TYP ..... TYPICAL

DEMOLITION PLAN NOTES:

1. THE FOLLOWING STRUCTURE AS DEPICTED IN THE SITE PLAN ARE EXPECTED TO BE DEMOLISHED AS PART OF THE PROPOSED DEMOLITION PROJECT: T-0575-0-62-00.

2. PRIOR TO THE START OF ANY DEMOLITION WORK, THE CONTRACTOR SHALL CONDUCT A VISUAL INSPECTION OF ALL STRUCTURES ADJACENT OR NEARBY TO THE DEMOLITION SITE. AS PART OF THIS REQUIREMENT, THE CONTRACTOR SHALL PREPARE A PHOTO LOG TO DOCUMENT THE EXISTING STRUCTURAL CONDITION OF EACH BUILDING.

   AT A MINIMUM, THE PHOTO LOG SHALL INCLUDE THE FOLLOWING:

   a. OVERALL VIEWS OF EACH EXTERIOR FACADE (FRONT, SIDES, AND REAR, AS APPLICABLE)
   b. CLOSE-UP PHOTOS OF ANY VISIBLE CRACKS IN WALLS, CEILINGS, OR FLOORS
   c. DOCUMENTATION OF EXPOSED OR DAMAGED STRUCTURAL ELEMENTS
   d. PHOTOS OF EXTERIOR OR INTERIOR FEATURES THAT MAY BE AFFECTED BY VIBRATIONS (E.G., BALCONIES, AWNINGS, DECORATIVE ELEMENTS, ETC.)

   ALL PHOTOGRAPHS SHALL BE CLEARLY DATED AND LABELED WITH THE PROPERTY ADDRESS AND A BRIEF DESCRIPTION. THE COMPLETED PHOTO LOG SHALL BE SUBMITTED IN DIGITAL FORMAT AND ORGANIZED FOR REVIEW BY THE PROJECT INSPECTOR ENGINEER. THIS REQUIREMENT IS INTENDED TO ESTABLISH A RECORD OF EXISTING CONDITIONS IN ORDER TO MINIMIZE DISPUTES OR CLAIMS RELATED TO POTENTIAL DAMAGE FROM DEMOLITION VIBRATIONS. THE CONTRACTOR SHALL NOT COMMENCE DEMOLITION ACTIVITIES UNTIL THE PHOTO LOG HAS BEEN SUBMITTED TO AND APPROVED BY THE MUNICIPALITY OF GUANICA PROJECT INSPECTION ENGINEER.

3. NO LATER THAN THIRTY (30) CALENDAR DAYS PRIOR TO THE START OF ANY DEMOLITION ACTIVITIES, THE CONTRACTOR SHALL SUBMIT A FORMAL "DEMOLITION PLAN" TO THE PROJECT INSPECTOR AND OWNER FOR REVIEW AND WRITTEN APPROVAL. THE PLAN SHALL ADDRESS ALL REQUIRED COMPONENTS AS OUTLINED IN THE PROJECT SPECIFICATIONS. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY DELAYS OR CONSEQUENCES RESULTING FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT OR FOR OMISSIONS IN THE CONTRACTOR'S DEMOLITION PLAN. REFER TO PROJECT SPECIFICATIONS FOR FURTHER DETAILS ON THE INFORMATION REQUIRED AS PART OF THIS PLAN.

4. AT LEAST 30 DAYS BEFORE STARTING THE DEMOLITION ACTIVITIES AND AS PART OF THE "DEMOLITION PLAN", THE CONTRACTOR SHALL SUBMIT A "DEBRIS MANAGEMENT AND WASTE MATERIAL DISPOSAL PLAN" TO THE PROJECT INSPECTOR AND OWNER. THE PLAN SHALL INDICATE HOW MATERIAL WILL BE SORTED, HANDLED, LOADED, AND TRANSPORTED TO THE DISPOSAL FACILITY. SUBMIT A COPY OF THE APPLICABLE DISPOSAL AND TRANSPORTATIONS PERMITS. INCLUDE THE NAME AND ADDRESS OF THE FACILITY WHERE THE MATERIAL WILL BE TAKEN. DESCRIBE STEPS THAT WILL BE TAKEN TO ENSURE THAT DEBRIS MATERIALS WILL BE CONTAINED THROUGHOUT THE PROCESS. MEASURES MAY INCLUDE ADDITIONAL STEPS OR PRECAUTIONS WHEN LIFTING AND HANDLING THE MATERIAL. REFER TO PROJECT SPECIFICATIONS FOR FURTHER DETAILS ON THE INFORMATION REQUIRED AS PART OF THIS PLAN.

5. ALL FACILITIES UTILIZED FOR THE FINAL DISPOSITION OF DEMOLISHED MATERIALS MUST BE PROPERLY PERMITTED AND AUTHORIZED TO OPERATE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS, INCLUDING BUT NOT LIMITED TO REQUIREMENTS SET FORTH BY THE DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES (DNER) AND ANY OTHER RELEVANT REGULATORY AGENCIES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING COMPLIANCE AND OBTAINING APPROVALS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE SELECTION, APPROVAL, OR LEGAL STATUS OF DISPOSAL FACILITIES.

6. AS PART OF THE REQUIRED "DEBRIS MANAGEMENT AND WASTE MATERIAL DISPOSAL PLAN," THE CONTRACTOR SHALL IMPLEMENT A DOCUMENTED LOADING AND UNLOADING TICKET CONTROL SYSTEM TO VERIFY AND TRACK THE REMOVAL OF ALL MATERIALS FROM THE SITE. ACCEPTABLE EVIDENCE OF FINAL DISPOSITION SHALL INCLUDE DISPOSAL FACILITY TICKETS (SUCH AS "MANIFIESTO") OR EQUIVALENT OFFICIAL DOCUMENTATION FROM A PERMITTED DISPOSAL FACILITY. FULL COMPLIANCE WITH REGULATORY REQUIREMENTS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

7. FIELD DATA AND ALL INFORMATION IN THE DRAWINGS (DETAILS, DIMENSIONS, ETC.) SHOULD BE FURTHER VERIFIED TOTALLY BY THE CONTRACTOR BEFORE CARRYING OUT ANY DEMOLITION ACTIVITIES. IN CASE OF DISCREPANCY, THE CONTRACTOR SHALL REQUEST WRITTEN INFORMATION ON THE MATTER FROM THE RESIDENT INSPECTION ENGINEER AND/OR THE OWNER. THE INSPECTOR AND/OR THE OWNER REPRESENTATIVE WILL HAVE FINAL DECISION ON WHAT SHALL BE CORRECTED, DEMOLISHED, MODIFIED, CONSTRUCTED AND/OR ACCEPTED DURING DEMOLITION ACTIVITIES AND/OR CONSTRUCTION. IF DONE OTHERWISE, CONTRACTOR ASSUMES FULL RESPONSIBILITY AND COST FOR ITS ACTIONS IF LATER WORK IS REJECTED BY THE OWNER OR ITS AUTHORIZED REPRESENTATIVES AND IF NEW WORK IS REQUIRED TO COMPLY WITH PLANS AND SPECIFICATIONS.

8. ALL DEMOLITION DISCREPANCIES ON THE SITE SHALL BE COORDINATED WITH THE PROJECT OWNER REPRESENTATIVE AND THE RESIDENT INSPECTION ENGINEER PRIOR TO PERFORMING THE ACTIVITY.

9. IF ANY INFORMATION IS MISSING OR NOT CLEAR IN THE DEMOLITION PLAN, THE CONTRACTOR SHALL CONTACT THE PROJECT OWNER REPRESENTATIVE AND THE RESIDENT INSPECTION ENGINEER FOR CLARIFICATION PRIOR TO FURTHER DEMOLITION WORKS.

10. THE OWNER REPRESENTATIVE / PROJECT INSPECTOR SHALL BE CONSULTED, AT ALL TIMES, PRIOR TO STARTING ANY EXCAVATION, DEMOLITION OR CONSTRUCTION WITHIN THE PROJECT PREMISES, REGARDLESS IF SUCH WORK IS SHOWN ON OR INDICATED ON DRAWINGS. OWNER REPRESENTATIVE OFFICE WILL COORDINATE AND OVERSEE THIS REQUIREMENT.

11. THE EXACT LOCATION, DEPTH, AND CONDITION OF EXISTING UNDERGROUND UTILITIES ARE UNKNOWN AND HAVE NOT BEEN VERIFIED BY THE ENGINEER. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR FIELD-VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY DEMOLITION OR EXCAVATION ACTIVITIES. THE CONTRACTOR SHALL CONTACT THE "811 CALL BEFORE YOU DIG" SERVICE AND COORDINATE DIRECTLY WITH ALL RELEVANT UTILITY COMPANIES AND/OR INFRASTRUCTURE OWNERS TO ACCURATELY IDENTIFY AND LOCATE ALL UNDERGROUND SYSTEMS THAT MAY BE IMPACTED BY THE PROPOSED WORK.

12. THE CONTRACTOR SHALL EXERCISE THE HIGHEST LEVEL OF CAUTION AND DILIGENCE IN THE IDENTIFICATION, HANDLING, AND REMOVAL OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS. ALL UTILITY REMOVALS--WHETHER INDICATED ON THE DRAWINGS OR DISCOVERED DURING CONSTRUCTION--MUST BE PERFORMED IN FULL COMPLIANCE WITH NATIONALLY RECOGNIZED CODES AND THE SPECIFIC REGULATORY REQUIREMENTS APPLICABLE TO EACH UTILITY SYSTEM, AND MUST BE TERMINATED IN A SAFE AND APPROVED MANNER AS VERIFIED BY THE INSPECTION ENGINEER. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROCEED WITH REMOVAL, RELOCATION, OR DISTURBANCE OF ANY UNIDENTIFIED UTILITY LINE WITHOUT FIRST PROVIDING IMMEDIATE NOTIFICATION TO THE INSPECTION ENGINEER AND RECEIVING WRITTEN CLEARANCE TO PROCEED. FAILURE TO DO SO MAY RESULT IN UNSAFE CONDITIONS, PROJECT DELAYS, AND MAY BE SUBJECT TO CORRECTIVE ACTIONS AT THE CONTRACTOR'S SOLE EXPENSE. UTILITIES TO BE REMOVED INCLUDE, BUT ARE NOT LIMITED TO: ELECTRICAL, POTABLE WATER, WASTEWATER, STORMWATER, CABLE TV, TELECOMMUNICATIONS, AND OTHER UNDERGROUND OR OVERHEAD UTILITY SYSTEMS. STRICT ADHERENCE TO THIS REQUIREMENT IS MANDATORY. THE SAFETY OF PERSONNEL, INFRASTRUCTURE INTEGRITY, AND REGULATORY COMPLIANCE DEPEND ON IT.

13. UPON COMPLETION OF THE PROJECT, AND SUBSEQUENT REMOVAL OF ALL DEBRIS, THE CONTRACTOR IS BOUND TO LEAVE THE SITE IN A CLEAN AND SATISFACTORY CONDITIONS, MEETING THE STANDARDS SET BY THE RESIDENT INSPECTION ENGINEER. THE ENTIRE SITE MUST BE THOROUGHLY CLEANED AND STABILIZED BY BRINGING THE GRADING OF THE AREA TO A FLAT SURFACE THAT MATCHES THE SURROUNDING GRADE. THE FLAT SURFACE SHALL HAVE A 4:1 SLOPE TRANSITION WITHIN 5 FEET OF THE BUILDING FOOTPRINT. THE FLAT SURFACE GRADING SHALL BE DEVELOPED WITH SOIL COMPACTED TO 95% PROCTOR AND A CRUSHED STONE/GRAVEL FINISH AS ITS TOP LAYER. THE 4:1 SLOPE THAT WILL ENCOMPASS THE BUILDING FOOTPRINT AND REQUIRE TOP SOIL (6" DEPTH) WITH GRASS HYDRO SEEDING.

HYDROSEEDING MAINTENANCE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL WATER REQUIRED FOR THE PREPARATION, APPLICATION, ESTABLISHMENT, AND MAINTENANCE OF THE HYDROSEED. THE HYDROSEEDED AREAS SHALL BE IRRIGATED AT LEAST TWO (2) TIMES PER DAY, OR AS NECESSARY TO MAINTAIN ADEQUATE SOIL MOISTURE, FOR A MINIMUM PERIOD OF FIVE (5) WEEKS AFTER APPLICATION, OR UNTIL A HEALTHY AND UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED. ANY AREA THAT FAILS TO GERMINATE OR BECOME DAMAGED DURING THIS MAINTENANCE PERIOD SHALL BE RE-SEEDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

14. THE FINAL EIGHT (8) INCHES OF THE PROJECT GROUND FLAT SURFACE AREA MUST BE COVERED WITH COMPACTED A-2-4 OR BETTER FILL MATERIAL AND COMPACTED TO 95% STANDARD OR MODIFIED PROCTOR TEST.

UPON COMPLETION OF DEMOLITION AND BACKFILLING OPERATIONS,THE FINISHED GROUND SURFACE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AT A MINIMUM SLOPE OF ONE PERCENT (1%) DIRECTED TOWARD THE FRONT OF THE LOT, UNLESS OTHERWISE INDICATED ON THE PLANS.

THE FOLLOWING REQUIREMENTS SHALL APPLY:

1.THE FINAL GRADE SHALL ENSURE CONTINUOUS SURFACE DRAINAGE WITHOUT PONDING.
2.DRAINAGE SHALL BE DIRECTED TOWARD THE STREET FRONTAGE OR APPROVED DISCHARGE POINT.
3.NO LOW SPOTS OR DEPRESSION SHALL REMAIN AFTER FINAL GRADING.
4.THE FINISH SURFACE SHALL TIE SMOOTHLY INTO ADJACENT PROPERTIES AND EXISTING ELEVATIONS.
5.SURFACE RUNOFF SHALL NOT BE DIRECTED ONTO NEIGHBORING PROPERTIES.
6.THE CONTRACTOR SHALL VERIFY FINAL ELEVATIONS PRIOR TO ACCEPTANCE.

MINIMUM SLOPE:

1%(0.01 (FT/FT) TOWARD THE FRONT PROPERTY LINE.

15. PROJECT CLEANUP INCLUDES THE RESPONSIBLE DISPOSAL OF ALL ITEMS AND MATERIALS NOT REQUIRED TO REMAIN IN THE PROPERTY OF THE OWNER, AS WELL AS MANAGING DEBRIS AND RUBBISH RESULTING FROM DEMOLITION OPERATIONS. APPLICABLE DEBRIS AND WASTE DISPOSAL REGULATIONS SHALL BE COMPLIED WITH AT ALL TIMES.

16. CONTRACTOR SHALL CLEARLY MARK AND LABEL ALL PROJECT AREAS NOT TO BE DISTURBED AND/OR DEMOLISHED, AND SHALL HAVE A FIELD MEETING WITH THE PROJECT INSPECTOR TO SHOW ESTABLISHED MARKINGS AND LABELS PRIOR TO ANY DEMOLITION ACTIVITIES. PROJECT INSPECTOR SHALL PROVIDE THE CONTRACTOR WITH A WRITTEN DOCUMENT APPROVING THE MARKED SITE FEATURES THAT ARE NOT TO BE DEMOLISHED OR DISTURBED.

17. IF ANY STRUCTURE, UTILITIES AND/OR PAVEMENTS TO REMAIN OR NEW CONSTRUCTION IS DAMAGED DURING CONSTRUCTION AND/OR DEMOLITION, MUST BE FIXED OR REPLACED BY THE CONTRACTOR, AT NO COST TO THE OWNER.

18. ANY PART OF THE SITE MARKED "TO REMAIN" SHALL BE PROTECTED DURING ALL DEMOLITION AND CONSTRUCTION WORKS IN ORDER TO PREVENT ANY POSSIBLE DAMAGE TO THEM.

19. IF TREES AND UTILITY POLES ARE TO REMAIN AT THE SITE AND SHOULD BE PROTECTED DURING DEMOLITION AND CONSTRUCTION WORKS.

20. CONSTRUCT STRUCTURALLY ADEQUATE DEBRIS SHIELDS TO CONTAIN DEBRIS WITHIN THE CONSTRUCTION LIMITS. DO NOT ALLOW DEBRIS TO ENTER THE NEARBY COMMUNITY, ADJACENT ROADS OR STORMWATER SYSTEMS, TRAVEL LANES OPEN TO PUBLIC TRAFFIC, OR AREAS DESIGNATED NOT TO BE DISTURBED.

21. DISPOSAL AND MANAGEMENT OF HAZARDOUS MATERIAL: IN THE EVENT THAT ANY SOLVENTS, OILS, LUBRICANTS OR SIMILAR ARE FOUND IN THE PROJECT AREA, THE CONTRACTOR SHALL HANDLE AND DISPOSE OF MATERIAL ACCORDING TO FEDERAL, STATE, AND LOCAL RULES AND REGULATIONS. ENSURE THAT LOADS TRANSPORTED FROM THE SITE ARE ADEQUATELY CONTAINED AND COVERED. SUBMIT A COPY OF THE RECEIVING REPORT / CHAIN OF CUSTODY AND MANIFEST FROM THE DISPOSAL FACILITY ACKNOWLEDGING THAT THE MATERIAL BEING DELIVERED CONTAINS HAZARDOUS MATERIAL AND THAT IT HAS BEEN IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

MIGUEL A. BONILLA, P.E.

Yo, Ingeniero Miguel A.Bonilla, número de licencia 6105, certifico que soy el profesional que diseño estos planos y las especificaciones complementarias. También certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del reglamento conjunto y las disposiciones aplicables de los reglamentos y códigos de construcción adoptados por el gobierno de la jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con mi responsabilidad o control, puede resultar en la revocación de mi disciplinario, pero sin limitarse a la terminación de la participación en los procedimientos de certificación profesional en la OGPe.

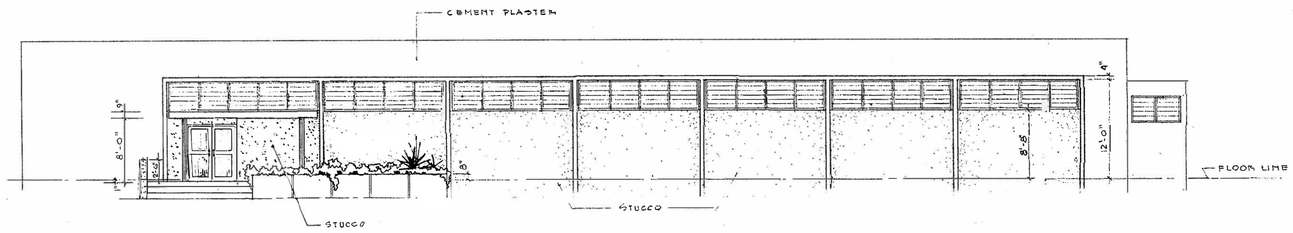
CARENERO WARD
LOTE L-141-1-60

CHECKED BY:	DRAWN BY: G. VELEZ
PLOT DATE: MAY 22, 2026 TIME:	SCALE: N.T.S
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

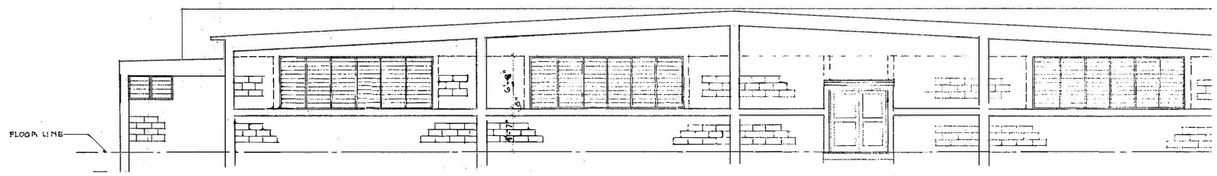
DRAWING TITLE

GENERAL AND DEMOLITION NOTES

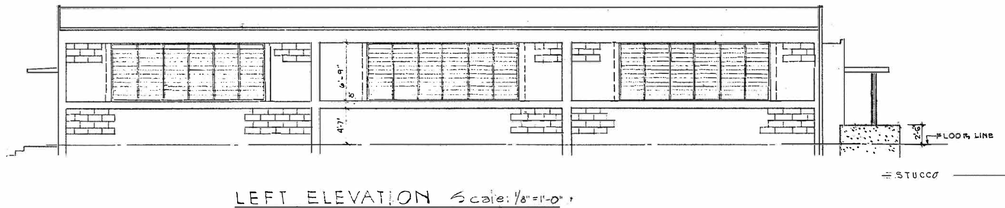
DRAWING NO. GN-3.0	SHEET NO. 3
	TOTAL NO. 8



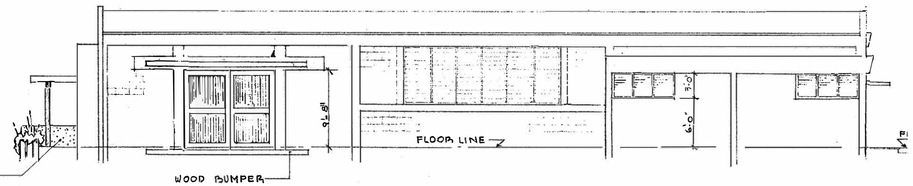
FRONT ELEVATION Scale: 1/8"=1'-0"



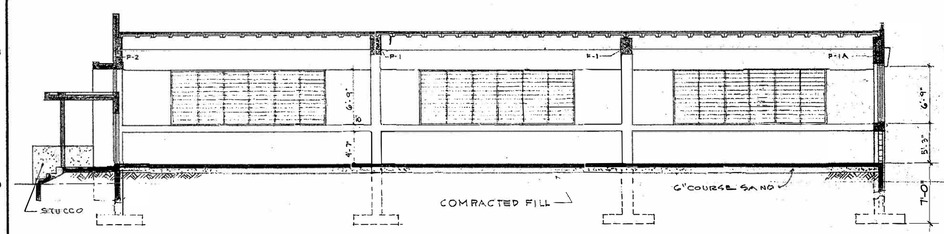
REAR ELEVATION Scale: 1/8"=1'-0"



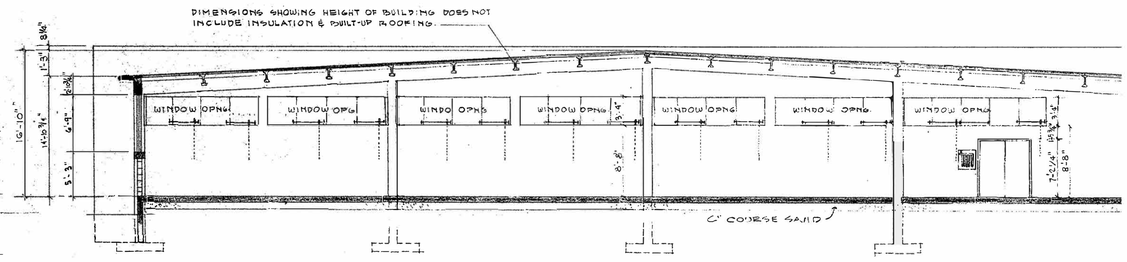
LEFT ELEVATION Scale: 1/8"=1'-0"



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



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



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

ELEVATIONS & SECTIONS

NO.	DATE	REVISIONS	BY	LOCATION

TYPICAL BUILDING Q-3
GUANICA, PUERTO RICO

COMMONWEALTH OF PUERTO RICO
P. R. INDUSTRIAL DEVELOPMENT CO.
DESIGN DEPARTMENT
SAN JUAN, PUERTO RICO

	BY	DATE
SURVEYED		
COMPUTED		
DESIGNED		
DRAWN		
TRACED	K.S.	
CHECKED		

RECOMMENDED:

APPROVED:

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

MIGUEL A. BONILLA, P.E.

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CARENERO WARD
LOTE L-141-1-60

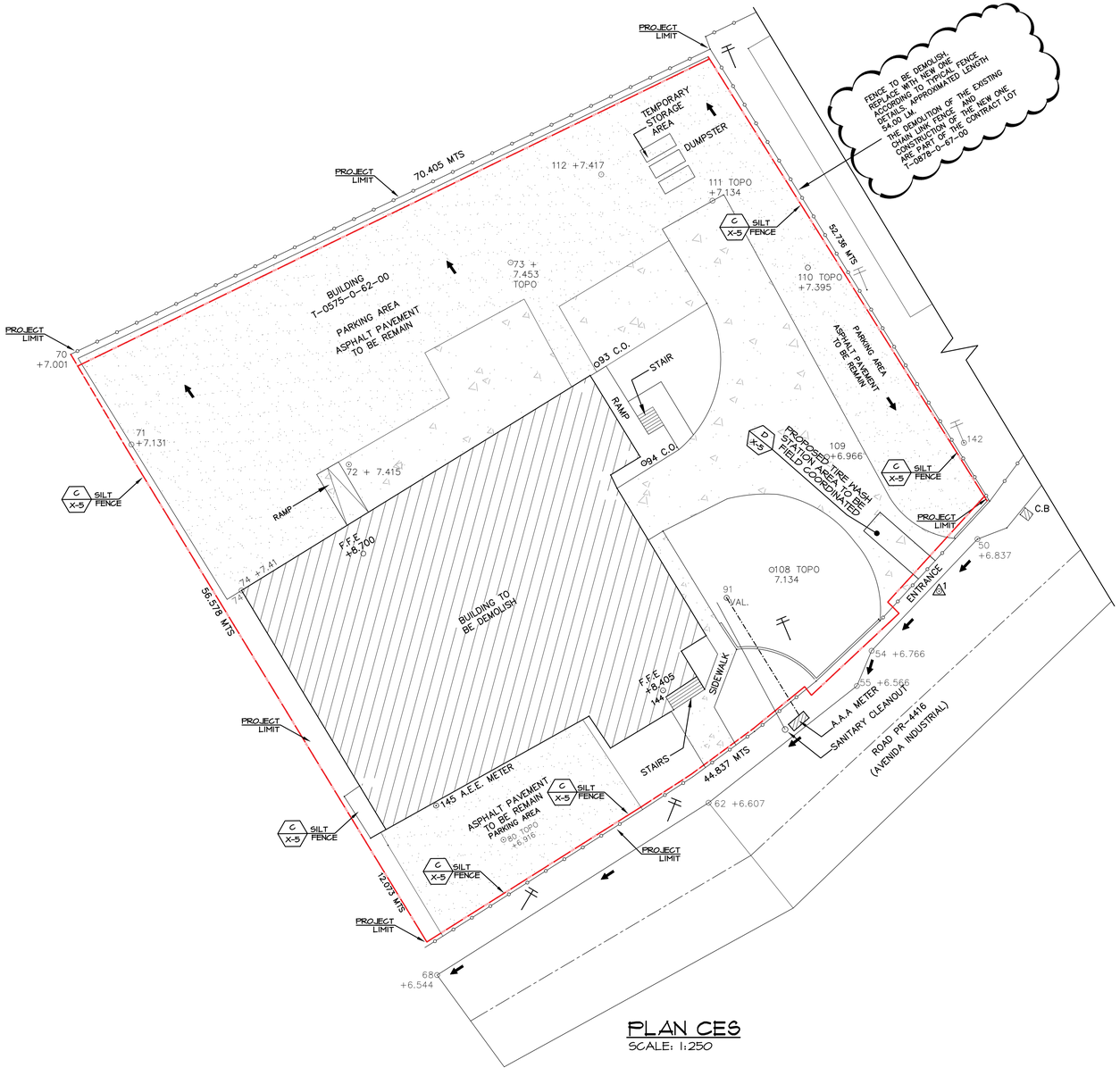
CHECKED BY:	DRAWN BY: G. VELEZ
PLOT DATE: TIME: MAY 22, 2026	SCALE: N.T.S
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

DRAWING TITLE

ELEVATIONS AND SECTIONS

FOR ILLUSTRATION ONLY

DRAWING NO.	SHEET NO.
A-3.1	4
	TOTAL NO. 8



PLAN CES
SCALE: 1:250

LEGEND:

STRAW WATTLE/LOG, HAY-PACK OR APPROVED EQUAL

STORM WATER FLOW ARROW

NOTE:

1- SILT FABRIC PROTECTION SHALL BE PLACED ON THE CATCH BASIN IMMEDIATELY AFTER IT IS BUILT. ONCE ALL OF THE EARTH MOVEMENT AND POTENTIAL SEDIMENTATION SOURCES ARE STABILIZED (I.E. GRASS, ASPHALT ETC.) THE SILT FABRIC PROTECTION SHALL BE REMOVED AND DISPOSED PROPERLY.

2- THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL MEASUREMENTS AS SHOWN ON THIS SHEET. THE CONTRACTOR CAN ADJUST THE INSTALLATION OF THE EROSION CONTROL MEASUREMENTS TO ACCOMMODATE THE CONSTRUCTION AND DELIVERY SEQUENCE. THE CONTRACTOR SHALL COMPLY WITH ANY REQUIREMENT FOR THE CES PLAN INSPECTOR OR THE P.R.Q.E.B.

3- THE STORM WATER DIRECTION FLOW ARROWS DEPICTED ON THIS DRAWING ARE AN ESTIMATE OF THE ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL ENSURE THE PROTECTION OF ALL STORM WATER MANAGEMENT STRUCTURES ALONG THE PROJECT.

STANDARD EROSION AND SEDIMENTATION CONTROL NOTES:

1. ALL GRADING, EROSION AND SEDIMENT CONTROLS MUST CONFORM WITH APPROVED PLANS. REVISIONS TO DISTURBED AREAS, SLOPES, AND/OR EROSION AND SEDIMENT CONTROL MEASURES ARE NOT PERMITTED WITHOUT PRIOR APPROVAL FROM THE OWNER AND ITS ENGINEER(S).

2. ALL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) MUST BE INSTALLED, MAINTAINED AND REPAIRED AS REQUIRED BY APPLICABLE PERMITS (i.e."PERMISO GENERAL DE OTRAS OBRAS" - PGO & CONSTRUCTION GENERAL PERMIT – CGP) TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. FOR EXAMPLE, EROSION CONTROL BLANKETS, STRAW BALE DIKES OR SILT FENCES MAY REQUIRE PERIODIC REPLACEMENT. SEDIMENT TRAPS AND BASINS WILL REQUIRE PERIODIC SEDIMENT REMOVAL. EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSTALLED PRIOR TO GRADING OR LAND DISTURBING ACTIVITIES.

3. THE CONTRACTOR MUST PERFORM INSPECTION OF ALL BMPS AS REQUIRED BY APPLICABLE PERMITS (i.e."PERMISO GENERAL DE OTRAS OBRAS" - PGO & CONSTRUCTION GENERAL PERMIT - CGP) TO ENSURE THAT THE EROSION AND SEDIMENT CONTROL BMPS ARE FUNCTIONING PROPERLY. INSPECTION REPORTS MUST BE KEPT ON-SITE ALONG WITH ALL OTHER DOCUMENTATION REQUIRED BY THE PERMITS. ALL NECESSARY MAINTENANCE AND REPAIR SHALL BE COMPLETED IN A TIMELY MANNER AND AS REQUIRED BY APPLICABLE PERMITS.

4. RUNOFF FROM TEMPORARY STOCKPILE AREAS MUST BE CONTROLLED TO PREVENT EROSION AND SEDIMENTATION ON RECEIVING WATERS. SOILS THAT WILL BE STOCKPILED FOR MORE THAN 30 DAYS SHALL BE PROTECTED FROM WIND AND WATER EROSION WITHIN 14 DAYS (OR AS REQUIRED BY APPLICABLE STATE AND FEDERAL PERMITTING REQUIREMENTS) OF STOCKPILE CONSTRUCTION BY ANY OF THE FOLLOWING; MULCHING, TEMPORARY/PERMANENT REVEGETATION, EROSION CONTROL BLANKETS/MATTING/GEOTEXTILES. ANY STOCKPILE LOCATED NEAR A DRAIN WAY, MUST BE PROVIDED WITH ADDITIONAL BMPS PROTECTION SUCH AS TEMPORARY DIKES OR SILT FENCE.

5. THE CONTRACTOR SHALL ENSURE THAT ALL MATERIAL IMPORTED TO OR EXPORTED FROM THE SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF THE MATERIAL DURING TRANSPORT ON PUBLIC ROADS.

6. THE CONTRACTOR MUST PROTECT ALL STORM SEWER FACILITIES ADJACENT AND ANY WITHIN 100 FT DOWNGRADE TO ANY LOCATION WHERE PAVEMENT CUTTING OPERATIONS INVOLVING ROAD/CONCRETE CUTTING ARE TO TAKE PLACE. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL WASTE PRODUCTS GENERATED DURING CUTTING ACTIVITIES ON A DAILY BASIS. THE DISCHARGE OF ANY WATER CONTAMINATED BY WASTE PRODUCTS FROM CUTTING OPERATIONS TO THE STORM SEWER SYSTEM IS STRICTLY PROHIBITED.

7. THE CONTRACTOR MUST TAKE REASONABLE PRECAUTIONS TO ENSURE THAT VEHICLES DO NOT TRACK EARTH MATERIALS ONTO STREETS, AND MUST IMMEDIATELY REMOVE SUCH MATERIALS IF THIS OCCURS. EITHER SWEEPING BY HAND OR THE USE OF STREET SWEEPERS IS ACCEPTABLE. FLUSHING OFF PAVED SURFACES WITH WATER IS PROHIBITED.

8. THE CONTRACTOR IS RESPONSIBLE FOR APPROPRIATE MANAGEMENT AND DISPOSAL OF WASTE GENERATED WITHIN THE FACILITY. IN ADDITION, SPILL PREVENTION AND CONTROL MEASURES MUST BE IN PLACE.

9. WASTE COLLECTION AREAS SHOULD BE LOCATED AWAY FROM THE STORM DRAINAGE SYSTEM. CONSIDERATION SHOULD BE GIVEN TO COVERING WASTE STORAGE DUMPSTERS/ROLL-OFF, TO BE ABLE TO CONTAIN WINDBLOWN MATERIALS.

10. WATER USED IN THE TIRE WASH STATION SHALL BE DISCHARGED INTO A PREDEFINED, BERMED CONTAINMENT AREA. THE TIRE WASH STATION MUST BE IDENTIFIED WITH A SIGN, AND SHALL ALLOW THE LIQUIDS TO INFILTRATE, EVAPORATE OR DRY OUT. DRIED SEDIMENT OR WASTE SHALL BE REMOVED AND PROPERLY DISPOSED OF.

11. THE DISCHARGE OF SANITARY WASTE TO THE STORM SEWER SYSTEM IS PROHIBITED. PORTABLE TOILETS MUST BE PLACED ON PERMEABLE SURFACES, 6 FEET AWAY FROM THE CURBSIDE AND A MINIMUM OF 50 FEET FROM STORM INLETS AND/OR DRAINAGE WAYS.

12. NATURAL VEGETATION SHALL BE PRESERVED AND PROTECTED WHENEVER POSSIBLE. REMOVAL OR DISTURBANCE OF EXISTING VEGETATION SHALL BE LIMITED TO THE AREA/S REQUIRED FOR IMMEDIATE CONSTRUCTION OPERATIONS. DISTURBED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN 30 DAYS SHOULD BE STABILIZED WITHIN 14 DAYS (OR AS REQUIRED BY APPLICABLE STATE AND FEDERAL PERMITTING REQUIREMENTS).

13. A VIABLE VEGETATIVE COVER SHOULD BE ESTABLISHED WITHIN SIX MONTHS ON ALL DISTURBED AREAS AND SOIL STOCKPILES NOT OTHERWISE PERMANENTLY STABILIZED. TEMPORARY REVEGETATION IS REQUIRED ON ALL DISTURBED AREAS HAVING A PERIOD OF EXPOSURE PRIOR TO FINAL STABILIZATION OF ONE YEAR TO TWO YEARS. PERMANENT REVEGETATION IS REQUIRED ON ALL DISTURBED AREAS HAVING A PERIOD OF EXPOSURE GREATER THAN TWO YEARS, OR FOR AN INDETERMINATE LENGTH OF TIME.

14. EXISTING CURB OR DROP STORM INLETS WITHIN AND ADJACENT TO THE CONSTRUCTION SITE SHOULD BE PROTECTED TO REDUCE SEDIMENT DISCHARGE. ANY RESULTANT PONDING OF STORMWATER AROUND STORM INLET PROTECTION MUST NOT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT AREAS OR STRUCTURES.

15. THE USE OF DIRT RAMPS IS PROHIBITED. A ROCK PAD ENTRANCE SHOULD BE INSTALLED WHERE CONSTRUCTION VEHICLES NEED TO ENTER OR EXIT FROM AN UNPAVED AREA ONTO A PAVED ROAD (PUBLIC RIGHT-OF-WAY, STREET, ALLEY, SIDEWALK, MEDIAN OR PARKING AREA).

16. FUGITIVE DUST EMISSIONS RESULTING FROM GRADING ACTIVITIES AND/OR WIND SHALL BE CONTROLLED USING THE BEST AVAILABLE CONTROL TECHNOLOGY.

17. THE USE OF REBAR, STEEL STAKES, OR STEEL FENCE POSTS TO STAKE DOWN STRAW OR HAY BALES; OR TO SUPPORT SILT FENCING USED AS BMP MEASURE; IS PROHIBITED. THE USE OF OSHA/PROSHA APPROVED COLORED WARNING CAPS ON REBAR OR FENCE POST USED WITH EROSION CONTROL MEASURES IS NOT ACCEPTABLE.

18. THE CONTRACTOR SHALL ENSURE THAT NO EROSION AND SEDIMENT CONTROL MEASURES ARE INSTALLED IN A MANNER THAT CAUSES FLOODING OR BACKWATER EFFECTS INTO ADJACENT PROPERTIES, STRUCTURES, OR PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL DESIGN AND CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES WITH APPROPRIATE OVERFLOW ROUTES, BYPASSES, OR OTHER CONTINGENCY PATHWAYS TO SAFELY CONVEY EXCESS STORMWATER AND PREVENT FLOODING. ANY FLOODING, PROPERTY DAMAGE, OR ADVERSE IMPACTS CAUSED BY IMPROPERLY INSTALLED EROSION AND SEDIMENT CONTROL MEASURES, OR BY ANY CONSTRUCTION ACTIVITY PERFORMED BY THE CONTRACTOR OR ITS SUBCONTRACTORS, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

19. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED ONCE FINAL SITE STABILIZATION HAS BEEN ACHIEVED, AS DEFINED BY APPLICABLE STATE AND FEDERAL PERMIT CONDITIONS, AND ONCE THE ASSOCIATED PERMIT HAS BEEN FORMALLY INACTIVATED. REMOVAL OF THESE MEASURES SHALL ONLY PROCEED WITH THE APPROVAL OF THE CERTIFIED ENVIRONMENTAL INSPECTOR AND THE PROJECT INSPECTOR, TO ENSURE THAT SITE CONDITIONS MEET ALL COMPLIANCE AND STABILIZATION REQUIREMENTS.

20. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THIS SHEET, WHICH REPRESENT THE MINIMUM REQUIRED BEST MANAGEMENT PRACTICES (BMPS) FOR THE PROJECT. THE CONTRACTOR MAY ADJUST THE LOCATION OR SEQUENCING OF THESE MEASURES AS NECESSARY TO ACCOMMODATE THE APPROVED DEMOLITION METHODOLOGY AND CONSTRUCTION ACTIVITIES, PROVIDED THAT EROSION AND SEDIMENT CONTROL EFFECTIVENESS IS MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL ALSO COMPLY WITH ALL DIRECTIVES AND FIELD ADJUSTMENTS REQUIRED BY THE CERTIFIED EROSION CONTROL PLAN INSPECTOR (CES PLAN INSPECTOR), THE PROJECT INSPECTOR OR APPLICABLE REGULATORY AGENCIES HAVING JURISDICTION.

21. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR DEVELOPING AND IMPLEMENTING A DEMOLITION METHODOLOGY THAT MAY ALTER EXISTING STORMWATER DRAINAGE PATTERNS OR CREATE TEMPORARY DISCHARGE CONDITIONS DURING PROJECT EXECUTION. AS SUCH, THE CONTRACTOR SHALL BE RESPONSIBLE FOR EVALUATING SITE CONDITIONS THROUGHOUT THE PROJECT AND MAKING ANY NECESSARY ADJUSTMENTS TO EROSION AND SEDIMENT CONTROL MEASURES TO MAINTAIN COMPLIANCE WITH ALL REGULATORY REQUIREMENTS. THE CONTRACTOR SHALL ALSO BE FULLY RESPONSIBLE FOR PREPARING, COORDINATING, AND FILING ALL REQUIRED EROSION AND SEDIMENT CONTROL PERMITS FOR THE PROJECT, INCLUDING BUT NOT LIMITED TO:

a. THE PUERTO RICO DEPARTMENT OF NATURAL AND ENVIRONMENTAL RESOURCES (DNER) EROSION AND SEDIMENT CONTROL PERMIT, AND
b. THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR CONSTRUCTION ACTIVITIES, IF APPLICABLE.

THE CONTRACTOR SHALL USE THE EROSION AND SEDIMENT CONTROL DRAWINGS INCLUDED IN THE DEMOLITION PLANS AS A MINIMUM BASELINE FOR IMPLEMENTING BEST MANAGEMENT PRACTICES (BMPS). THESE DRAWINGS MAY BE REFINED OR MODIFIED BY A LICENSED PROFESSIONAL ENGINEER (PE) RETAINED BY THE CONTRACTOR TO PREPARE AND SUBMIT THE REQUIRED PERMIT APPLICATIONS TO DNER AND USEPA, AND TO ENSURE SITE-SPECIFIC COMPLIANCE.

STORMWATER FLOW DIRECTION ARROWS SHOWN ON THE DRAWINGS ARE APPROXIMATE AND BASED ON ESTIMATED FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS IN THE FIELD AND SHALL BE RESPONSIBLE FOR MANAGING, REDIRECTING, OR CONTROLLING STORMWATER FLOW AS NEEDED THROUGHOUT ALL PHASES OF DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE PROTECTION, MAINTENANCE, AND CONTINUED FUNCTIONALITY OF ALL EXISTING AND PROPOSED STORMWATER MANAGEMENT STRUCTURES LOCATED WITHIN OR ADJACENT TO THE PROJECT LIMITS.

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

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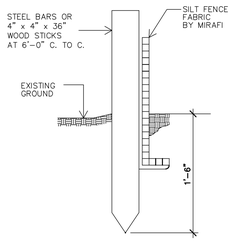
CARENERO WARD
LOTE L-141-1-60

CHECKED BY:	DRAWN BY: G. VELEZ
PLOT DATE: MAY 22, 2026 TIME:	SCALE: AS-SHOWN
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

DRAWING TITLE

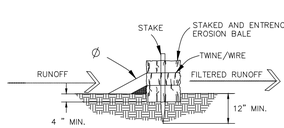
PLAN CES
AND NOTES

DRAWING NO. CE-4.0	SHEET NO. 5
	TOTAL NO. 8



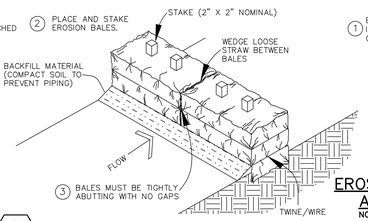
SILT FENCE INST. DET. (C, X-5)

NOT TO SCALE

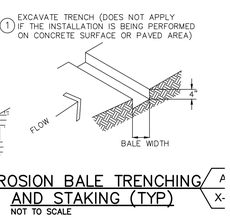


EROSION BALE TRENCHING AND STAKING (TYP)

NOT TO SCALE

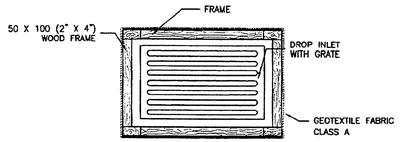


HAY PACK DETAIL (B, X-5)

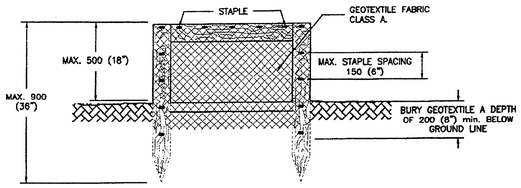


EROSION BALE TRENCHING AND STAKING (TYP) (A, X-5)

NOT TO SCALE

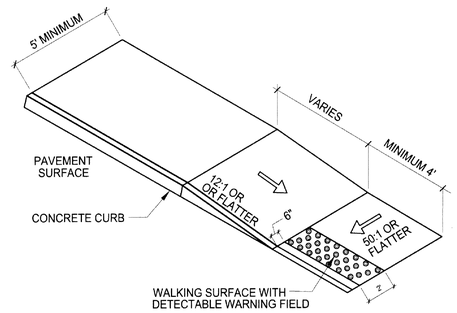


TOP VIEW

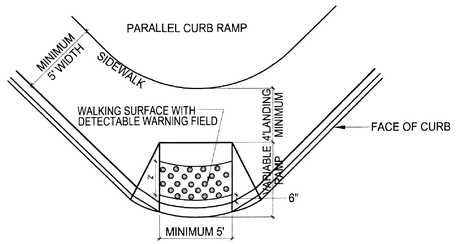


FRONT VIEW

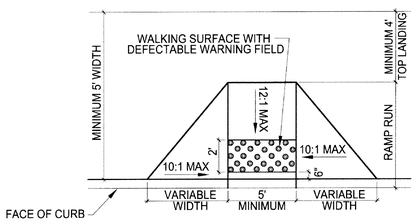
DROP INLET PROTECTION (E, X-5)



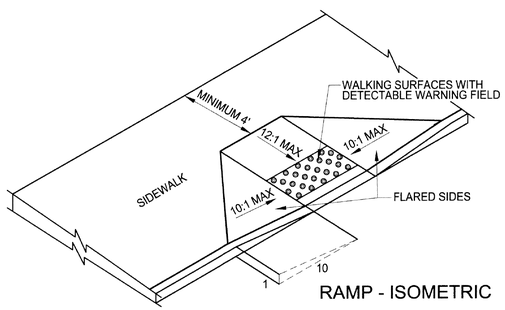
PARALLEL CURB RAMP



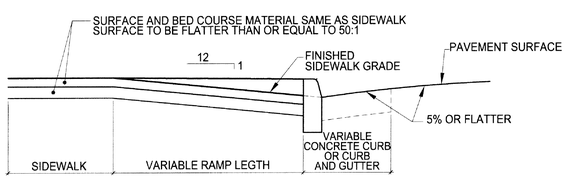
DIAGONAL CURB RAMP



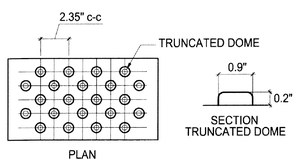
PERPENDICULAR CURB RAMP



RAMP - ISOMETRIC



RAMP - TYPICAL SECTION

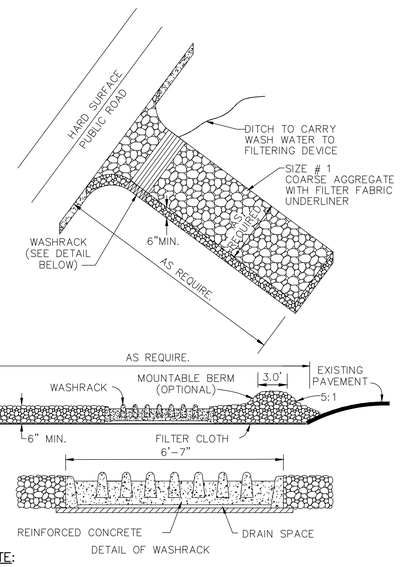


DETECTABLE WARNING FIELD WITH TRUNCATED DOMES

ADA RAMP DETAILS (F, X-5)

NOTES:

1. THE MAXIMUM CROSS SLOPES OF RAMPS MUST NOT EXCEED 2% IN ANY DIRECTION.
2. USE A COARSE BROOM FINISH RUNNING PERPENDICULAR TO THE SLOPE TO CREATE A SLIP RESISTANT SURFACE ON CONCRETE RAMP SURFACES, EXCLUSIVE OF THE DETECTABLE WARNING FIELDS.
3. CONSTRUCT CURB RAMP PERPENDICULAR TO THE CURB. AVOID SKEWING THE RAMP FACE.
4. CONSTRUCT RAMP TRANSITIONS BETWEEN WALKS, GUTTERS, OR STREET THAT ARE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES NOT TO EXCEED 2.5 INCHES.
5. LOCATE DRAINAGE INLETS AND MANHOLES OUTSIDE OF RAMP WALKING SURFACES OR LANDINGS.
6. LOCATE DETECTABLE WARNING FIELD 6 INCHES BEHIND BACK OF CURB.
7. WALKING SURFACE WITH DETECTABLE WARNING FIELD (TRUNCATED DOMES) SHALL BE A SUBSIDIARY OBLIGATION TO THE CONTRACTOR AND PAID UNDER SPEC 608.



DETAIL OF WASHRACK

NOTE:

IT IS IMPERATIVE THAT THE WASHRACK BE INSET INTO THE GROUND AS SHOWN FOR MAXIMUM USE.

TEMPORARY CONSTRUCTION ENTRANCE WITH WASH RACK (D, X-5)

NOT TO SCALE

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

MIGUEL A. BONILLA, P.E.

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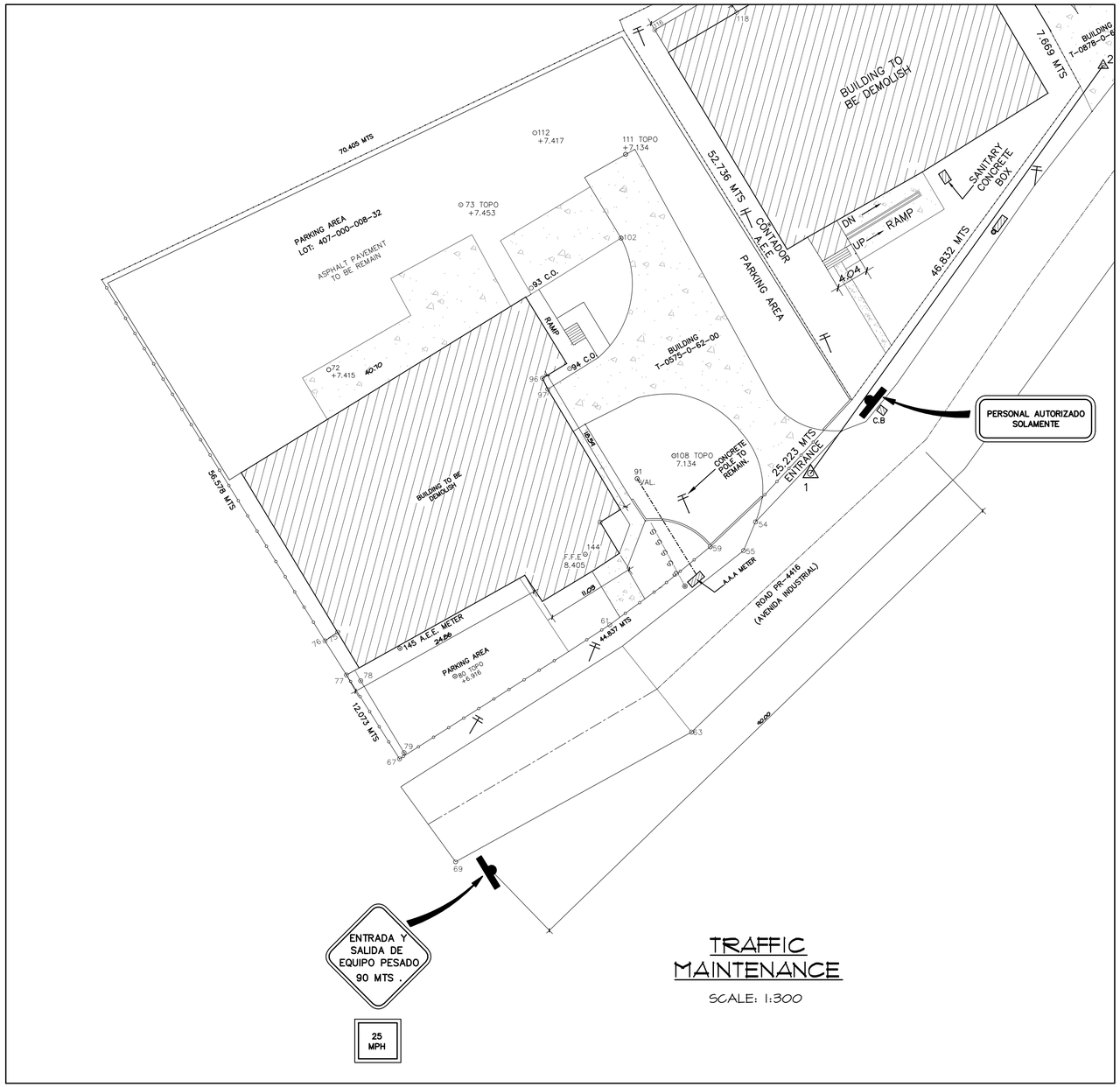
CARENERO WARD
LOTE L-141-1-60

CHECKED BY:	DRAWN BY: G. VELEZ
PLOT DATE: MAY 22, 2026 TIME:	SCALE: N.T.S
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

DRAWING TITLE

PLAN CES
DETAILS

DRAWING NO. CE-5.0	SHEET NO. 6
	TOTAL NO. 8



TRAFFIC MAINTENANCE

SCALE: 1:300

SIGN DATA TABLE

CODE NUMBER	LOCATION NUMBER	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	OVERHEAD STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
1	1,8,9,11	W21-4	ENTRADA Y SALIDA DE EQUIPO PESADO	36" X 36"	N/A	SEE M.U.T.C.D. MANUAL	
2	2,7,17,19	W20-4 W13-1	CARRETERA DE UN CARRIL 150 M. 25 M.P.H.	36" X 36" 24" X 24"	N/A	SEE M.U.T.C.D. MANUAL	
3	3,6,18,20	W21-4 W16-2	75 MTS.	36" X 36" 30" X 18"	N/A	SEE M.U.T.C.D. MANUAL	
4	4,5,10,12	G20-2a	TERMINA TRABAJO EN CARRETERA	48" X 36"	N/A	SEE M.U.T.C.D. MANUAL	
5	13,14,15,16	R4-7		24" X 30"	N/A	SEE M.U.T.C.D. MANUAL	
6	21	W1-4(L)		36" X 36"	N/A	SEE M.U.T.C.D. MANUAL	
7	22	W1-4(R)		36" X 36"	N/A	SEE M.U.T.C.D. MANUAL	

*NOT ALL SINGS ARE APPLICABLE

TRAFFIC CONTROL DEVICES

- TRAFFIC SIGN LOCATION
- TRAFFIC SIGN LOCATION
- TRAFFIC SIGN LOCATED ON STEEL OVERHEAD STRUCTURE
- "X" CODE NUMBER
- "Y" LOCATION NUMBER
- PLASTIC DRUM
- MOVABLE CONCRETE BARRIER
- FLASHING ARROW
- ARROW PANEL TRAILER

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

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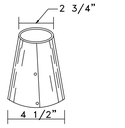
CARENERO WARD
LOTE L-141-1-60

CHECKED BY:	DRAWN BY: G. VELEZ
PLOT DATE: MAY 22, 2026 TIME:	SCALE: N.T.S
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

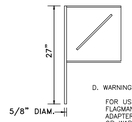
DRAWING TITLE

M.O.T
MAINTANANCE
OF TRAFFIC.

DRAWING NO. MOT-9.0	SHEET NO. 7
	TOTAL NO. 8



FOR USE IN GUARDING WORK AREAS AT NIGHT THE SILVER COLORED REFLECTOR FITS OVER THE UPPER PART OF TRAFFIC CONES AND REFLECT LIGHTS.



D. WARNING FLAG

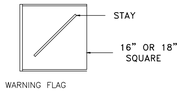
FOR USE A WARNING FLAG EITHER BY FLAGMAN OR ON D WARNING MAST WARNING ADAPTER, WARNING SIGN DEMOUNTABLE WARNING OR WARNING, FLAG BASE AVAILABLE IN RED COTTON CLOTH SIZES 16" AND 18".

H. WARNING FLAG

SAME AS D WARNING FLAG EXCEPT IN RED VINIL COATED NYLON.



FOR USE AS A WARNING TO PREVENT ACCIDENTS IN OR NEAR MANHOLES CONSISTS OF ALUMINUM PLATE WITH SPRINGS HOOKS FOR ATTACHING TO MANHOLE GUARDS.



C. WARNING FLAG

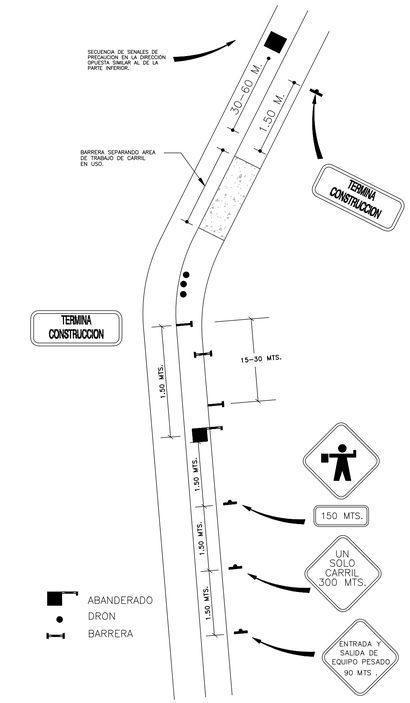
FOR USE WITH A B WARNING FLAG BRACKET OR WARNING FLAG CHAIN AS A WARNING AVAILABLE IN RED COTTON CLOTH IN SIZE 16" AND 18".

G. WARNING FLAG

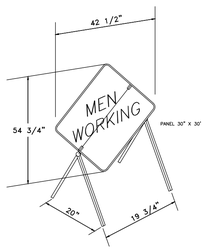
SAME AS C WARNING FLAG EXCEPT IN RED VINIL COATED NYLON.



USE OF HAND SIGNALS DEVICES BY FLAGMAN

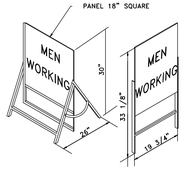


EXAMPLE OF TYPICAL CONSTRUCTION TRANSIT CONTROL



FOR USE AS A WARNING TO TRAFFIC.

WARNING SIGNS

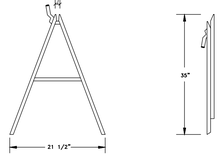


FOR USE AS A WARNING TO TRAFFIC SOCKET AT SIDE OF FRAME PROVIDES A SUPPORT FOR WARNING FLAG REFLECTIVE YELLOW BACKGROUND PROVIDE ONLY FOR D WARNING SING.

FRAME AND PANEL

WARNING SING	CONSTRUCTION	WEIGHT (LBS)
B	STEEL	25
C	ALUMINIUM	16
D	ALUMINIUM	16

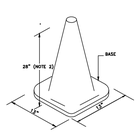
B, C AND D WARNING SIGNS



FOR USE IN PAIRS WITH A WOOD BOARD (NO FURNISHED) TO 2 1/2" THICK, IN PROTECTING WORK AREAS CONSISTS OF TWO COLLAPSIBLE "A" FRAME IS PROVIDE WITH A FLAG SOCKET AND LANTERN HOOK.



FOR USE A WARNING TO TRAFFIC ON MANHOLE GUARD EQUIPPED WITH SIGN SUPPORTING BRACKET, OR ON A "B" WARNING STAND ALL STEEL CONST. WITH UPPER AND OF SUPPORT TUBULAR TO ACOMODATED. THE WARNING FLAG STAFF.



TRAFFIC CONE

NOTES:

1- RED FLUORESCENT PLASTIC CONE FOR USE IN GIVIN DRIVERS OF VEHICLES ADVANCE NOTICE AS THEY ARE APPROACHING WORK AREAS AND TO GUIDE TRAFFIC GRADUALLY INTO CHANNALES AROUND THESE LOCATIONS WITH MINIMUM CONGESTION.

2- ALSO AVAILABLE IN 18" CONE WITH 13" SQUARE BASE.

BARRICADE

G E N E R A L N O T E S:

1) A SUITABLE PLAN FOR GUARDING THE WORK AREA SHOULD BE DEVELOPED BEFORE WORK IN THE AREA IS BEGUN. THIS MAY BE ACCOMPLISHED DURING THE JOB SITE VISIT PROVIDED FOR IN THE CONSTRUCTION CONTROL PLAN. AT BUSY INTERSECTIONS ON HIGHWAYS AND CITY STREETS OR AT OTHER HEAVY TRAFFIC LOCATIONS, THE SUPERVISOR SHOULD PRESURVEY THE WORK LOCATION AND THEN DISCUSS THE PROTECTION PLAN WITH THE CRAFTSMEN BEFORE WORK IS STARTED

2) THE DEVICES REQUIRED TO PROTECT A WORK AREA MOST BE CONSIDERED IN ADVANCE TO MEET THE INDIVIDUAL REQUIREMENTS OF THE JOB SITE. CRAFTSMEN FAMILIAR WITH AREA WHERE THE JOB IS TO BE PERFORMED SHALL EQUIP THEMSELVES WITH AN ADEQUATE SUPPLY OF WARNING DEVICES PRIOR TO STARTING A JOB SUPERVISORS CONDUCTING FIELD SURVEYS OF WORK TO BE PERFORMED AT A LATER DATE, SHOULD MAKE A ANOTATION ON THE FIELD JOB PLAN REPORT (FORCE MANAGEMENT PLANT) OF THE PROTECTIVE DEVICES REQUIRED TO ADEQUATELY PROTECT THE WORK AREA

3) STATE AND LOCAL LAWS AND ORDINANCES PERTAINING TO TRAFFIC CONTROL, WARNING SIGNALS, COLOR OF LENSES IN LIGHTING DEVICES, GUARDS AND SIMILAR DEVICES MUST BE COMPLIED WITH IT IS A GOOD PRACTICE TO NOTIFY LOCAL LAW ENFORCEMENT OFFICIALS WHEN A MINOR TRAFFIC DISLOCATION IS INVOLVED WHERE A MAJOR TRAFFIC DISLOCATION WILL OCCUR, SUCH AS BLOCKING A LANE ON A HIGHWAY OR A MAIN TRAFFIC ARTERY WITHIN A TOWN, THE POLICE FORCE HAVING JURDICTION SHOULD BE CONSULTED BEFORE WORK IS BEGUN .

4) WHENEVER ROAD CONDITIONS PERMIT, SUFFICIENT WARNING CONES SHOULD BE PLACED TO OBTAIN A TAPER LENGTH IN FEET, OF 10 TIMES THE POSTED TRAFFIC SPEED (AT A POSTED SPEED OF 50 MPH, THE TAPER FORMED BY THE SPACED WARNING CONES SHOULD EXTEND 500 FEET FROM THE WORK AREA).

5) WHEN WORK IS PERFORMED DURING HOURS OF DARKNESS, BARRICADES WITH STEADY BURNING LIGHTS CAN BE USED IN ADDITION TO OR IN PLACE OF WARNING CONES FOR CHANNELING THE ON COMING TRAFFIC AROUND THE WORK AREA .

6) WHEN A VEHICLE IS USED IN GUARDING A WORK AREA, IT SHOULD BE CONSIDERED SUPPLEMENTAL TO ALL OTHER WARNING DEVICES NECESSARY TO ADEQUATELY SAFEGUARD THE AREA AND NOT AS A SUBSTITUTE FOR ANY DEVICE IN THIS WAY, THE WORK AREA IS PROTECTED SHOULD IT BE NECESSARY TO REMOVE THE VEHICLE.

7) THE AMOUNT OF WORK TO BE PERFORMED SHALL HAVE NO BEARING AS TO WHETHER OR NOT WORK AREA PROTECTION IS REQUIRED WARNING AND GUARDING DEVICES ARE TO BE PLACED WHENEVER WORK OF ANY DURATION IS PERFORMED IN A ROADWAY

8) WHEN MANHOLE WORK IS INVOLVED, PLACED TOOLS AND EQUIPMENT AT THE WORK AREA IN A POSITION TO PREVENT THEM FROM BEING PUSHED INTO THE MANHOLE .

9) IN ENTERING OR LEAVING MANHOLES, EMPLOYES ARE TO FACE THE DIRECTION OF ONCOMING TRAFFIC

10) FOR THE WARNINGS SINGS AND CONES LOCATION REFER TO "TABLE A" AND "TABLE B" ON THIS SHEET

VERY IMPORTANT NOTES:

1) CONTRACTOR MUST COMPLY WITH THE "MANUAL DE DISPOSITIVOS UNIFORMES PARA EL CONTROL DEL TRANSITO EN LAS VIAS PUBLICAS DE P.R." MOST RECENT EDITION AS REQUIRED BY D.T.P.W.

2) DURING THE CONSTRUCTION THE CONTRACTOR MUST ALWAYS PROVIDE FOR UNINTERRUPTED TWO-WAY TRANSIT.

TABLE B
SPACING FOR INITIAL
WARNING SIGNS AND CONES

POSTED TRAFFIC SPEED (M.P.H.)	INITIAL SIGN DISTANCE (FEET)	CONE SPACING (FEET)
15 OR UNDER	*90	10
20	*120	20
25	*150	25
30	*180	30
35	*210	35
40	*240	40
45 OR ABOVE	NOTE 1	NOTE 2
EXPRESSWAY OR FREEWAY	3100	NOTE 2
ONE LANE TRAFFIC	SEE POSTED SPEED	NOTE 2

NOTES:

1) INITIAL WARNING SIGN TO BE PLACED AT A POINT 10 TIMES POSTED SPEED.

2) SAME AS POSTED SPEED.

* INITIAL WARNING SIGN TO BE PLACED AT A POINT 6 TIMES POSTED SPEED.

POSTED SPEED (MPH)	LANE CLOSED	INITIAL SIGN	SIGN SIZE	ADDITIONAL SIGN (SEE 204)	SIGN SIZE
40 OR UNDER	NO	MEN WORKING	30"	———	———
45 OR OVER	NO	MEN WORKING	48"	MEN WORKING	30"
	YES	LANE CLOSED	48"	MEN WORKING	30"
EXPRESSWAY OR FREEWAY	NO	MEN WORKING	48"	MEN WORKING	48"
	YES	LANE CLOSED	48"	LANE CLOSED OR MEN WORKING	48"
ONE LANE TRAFFIC	YES	LANE CLOSED	48"	LANE CLOSED OR MEN WORKING	30" OR 48"

NOTES TO CONSTRUCTION INSPECTOR AND CONTRACTOR:

1) IT IS THE CONSTRUCTION DEPARTMENT RESPONSIBILITY TO ENSURE THE ENFORCEMENT AND COMPLIANCE OF ALL SAFETY RULES INCLUDED IN THE BELL SYSTEM PRACTICE NUMBER 620-135-010, "GUARDING WORK AREAS" AS WELL AS ALL STATE AND/OR LOCAL RULES APPLICABLE

2) COPY OF THIS PRACTICE IS AVAILABLE UPON REQUEST FROM THE P.W. CONSTRUCTION DEP.T

3) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL STATE OR LOCAL SAFETY REQUIREMENTS IN NO EVENT THE OMMISION OF ANY SUCH REQUIREMENT IN THESE NOTES WILL WAIVE THE CONTRACTOR TO COMPLY WITH THEM.

4) IN NO EVENT SHALL THE CONSTRUCTION INTERFERE WITH THE FREE TRANSIT OF VEHICULES AND/OR PEDESTRIAN

5) IN NO EVENT THE MATERIAL PRODUCT OF ANY EXCAVATION SHALL INTERFERE WITH THE FREE TRANSIT OF VEHICLES AND/OR PEDESTRIAN.

6) THE CONTRACTOR SHALL AT ALL TIMES TAKE ALL REASONABLE PRECAUTIONS FOR THE SAFETY OF EMPLOYEES ON THE WORK AND OF THE PUBLIC SHALL COMPLY WITH ALL APLICABLE PROVISIONS OF FEDERAL, COMMONWEALTH AND MUNICIPAL SAFETY LAWS, AND BUILDING AND CONSTRUCTION CODES WHEN APPLICABLE ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PUERTO RICO OCCUPATIONAL SAFETY AND HEALTH ACT (LAW NUMBER 16 APPROVED ON AUGUST 5, 1975) . THE CONTRACTOR SHALL PROVIDE AND UTILIZE EQUIPMENT AND APPROVED WORK PROCEDURES WHICH GUARANTEE THE PERFORMANCE OF THE DISPOSITION OF THE GENERAL INDUSTRY OSHA SAFETY AND HEALTH STANDARDS (29 CFR 1910) AND THE SAFETY AND STANDARDS APPLICABLE TO THE CONSTRUCTION INDUSTRY (10 OSHO 1926).

7) CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC MAINTENANCE PLAN FOR APPROVAL PRIOR ANY CONSTRUCTION ACTIVITY ON THE ROADS. THE TRAFFIC MAINTENANCE PLAN SHALL BE BASED ON THE DOCUMENT TITLED "TRAFFIC STUDY RIO BLANCO OFFSTREAM RESERVOIR, RIO BLANCO WARA NAGUABO, PUERTO RICO" PREPARED BY GMA

GENERAL CONDITIONS FOR SECURITY DURING CONSTRUCTION AS REQUIRED BY D.T.P.W.

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

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CARENERO WARD

LOTE L-141-1-60

CHECKED BY:	DRAWN BY: G. VELEZ
PLOT DATE: TIME: MAY 22, 2026	SCALE: N.T.S
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

DRAWING TITLE

M.O.T MAINTANANCE OF TRAFFIC DETAILS AND NOTES

DRAWING NO.	SHEET NO.
MOT-10.0	8
	TOTAL NO. 8

N

DEMOLITION: BUILDING T-0878-0-67-00; CATASTRO 407-000-008-39 ADDRESS URB. INDUSTRIAL ,RAMAL CARR,4116 GUÁNICA P.R.

INDEX OF DRAWINGS

SHEET NO.	DRAWING NO.	TITLE
1	T-1.0	TITLE AND LOCATION
2	SI-2.0	SITE AND DEMOLITION PLAN
3	GN-3.0	GENERAL AND DEMOLITION NOTES
4	CE-4.0	PLAN CES AND NOTES
5	CE-5.0	PLAN CES DETAILS
6	FE-6.0	TYPICAL CHAIN LINK FENCE DETAILS AND NOTES
7	FE-7.0	TYPICAL CHAIN LINK FENCE DETAILS AND NOTES
8	FE-8.0	TYPICAL CHAIN LINK FENCE DETAILS AND NOTES
9	MOT-9.0	MOT MAINTENANCE OF TRAFFIC PLAN
10	MOT-10.0	MOT MAINTENANCE OF TRAFFIC DETAILS AND NOTES.

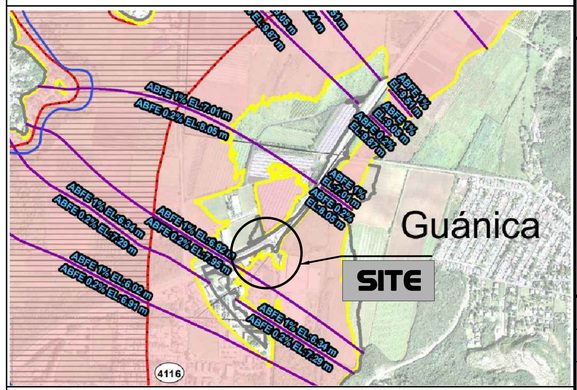




AERIAL VIEW
N.T.S



LOCATION AND TOPOGRAPHIC MAP
COORDINATES (NAD-83)
X:149987.1718
Y:216092.8706



FLOOD MAP
FECHA EFECTIVIDAD 13/ARIL/2018

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

Date:
2026.07.14
20:29:10 -04'00'

MIGUEL A. BONILLA, P.E.

Yo, Ingeniero Miguel A.Bonilla, número de licencia 6105 , certifico que soy el profesional que diseño estos planos y las especificaciones complementarias. Tambien certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del reglamento conjunto y las disposiciones aplicables de los reglamentos y codigos de los agencias, juntas reglamentadoras o corporaciones públicas con jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe y otras autoridades competentes incluyendo, pero sin limitarse a la terminación de la participación en los procedimientos de certificación profesional en la OGPe.

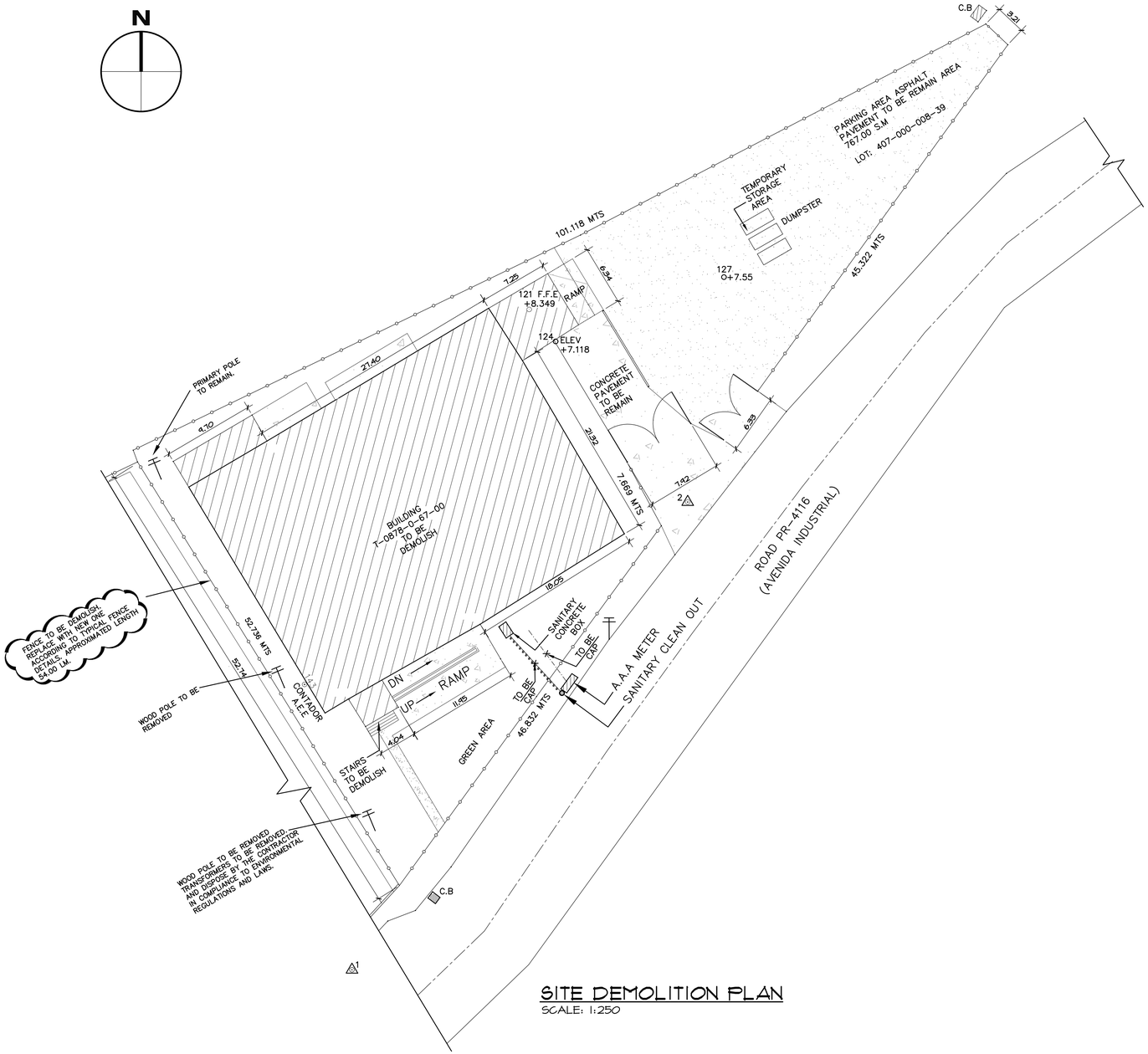
CARENERO WARD
LOTE L-141-1-60

CHECKED BY:	DRAWN BY: G. VELEZ
PLOT DATE: MAY 22, 2026 TIME:	SCALE: 1:250
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

DRAWING TITLE

TITLE AND LOCATION

DRAWING NO. T-1.0	SHEET NO. 1
	TOTAL NO. 10



SITE DEMOLITION PLAN
SCALE: 1:250

CONTROL POINTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	216077.386	150029.922	6.826	STA.1 NAIL
2	216127.020	150065.528	7.004	STA.2 NAIL

1.SCOPE OF DEMOLITION:

1.THE EXISTING BUILDING SHALL BE COMPLETELY DEMOLISHED AND REMOVED, INCLUDING ALL SUPERSTRUCTURE AND SUBSTRUCTURE COMPONENTS.

DEMOLITION SHALL BE PERFORMED IN TWO PHASES AND SHALL INCLUDE, BUT NOT LIMITED TO:

PHASE 1:

- STRUCTURAL FRAMING (STEEL OR REINFORCED CONCRETE) EVERYTHING FROM THE SLAB ON GROUND AND UPWARDS. THE SLAB ON GROUND WILL BE DEMOLISHED AND REMOVED ON PHASE 2 AFTER THE ASBESTOS AND LEAD BASED PAINT OR ANY HAZARDOUS MATERIAL ARE ANALIZED.

PHASE 2:

- FLOOR SLABS AND SLAB ON GRADE
- GRADE BEAMS AND TIE BEAMS.
- FOOTINGS, SPREAD FOOTINGS, COMBINED FOOTINGS.
- PEDESTALS AND EQUIPMENT FOUNDATIONS.
- UNDERGROUND FOUNDATIONS AND STRUCTURAL ELEMENTS.
- ALL BURIED INFRASTRUCTURE ASSOCIATED WITH THE BUILDING.
- ALL STRUCTURAL AND NON STRUCTURAL COMPONENTS SHALL BE REMOVED DOWN TO THE BOTTOM OF THE LOWEST FOUNDATION ELEMENT. SEE SHEET A-3.1 FOR ELEVATIONS AND SECTIONS.

2.EXCAVATION LIMITS:

EXCAVATION SHALL CONTINUE UNTIL:

- THE BOTTOM OF THE FOUNDATION SYSTEM IS FULLY EXPOSED.
- ALL STRUCTURAL CONCRETE BELOW GRADE IS REMOVED
- ALL VOIDS AND UNSUITABLE MATERIAL ARE ELIMINATED

THE CONTRACTOR SHALL VERIFY IN FIELD THE ACTUAL DEPTH OF FOUNDATIONS PRIOR TO FINAL BACKFILLING.

3.BACKFILL REQUIREMENTS:

AFTER COMPLETE REMOVAL OF FOUNDATION AND UNDERGROUND INFRASTRUCTURES:

1.THE ESCAVATION SHALL BE BACKFILLED WITH SELEC STRUCTURAL FILL CLASSIFIED AS A-2-4 OR BETTER IN ACCORDANCE WHTH AASHTO SOIL CLASSIFICATION STANDARDS.

2.FILL MATERIAL SHALL:

* BE FREE OF ORGANIC MATERIAL,DEBRIS,OR CONSTRUCTION WASTE.
* BE MOISTURE CONDITIONED TO OPTIMUM.
* BE PLACE IN LAYERS NOT EXCEEDING 8 INCHES LOOSE THICKNESS.

3.EACH LAYER SHALL BE COMPACTED TO:

* MINIMUM 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557) UNLESS OTHERWISE SPECIFIED.

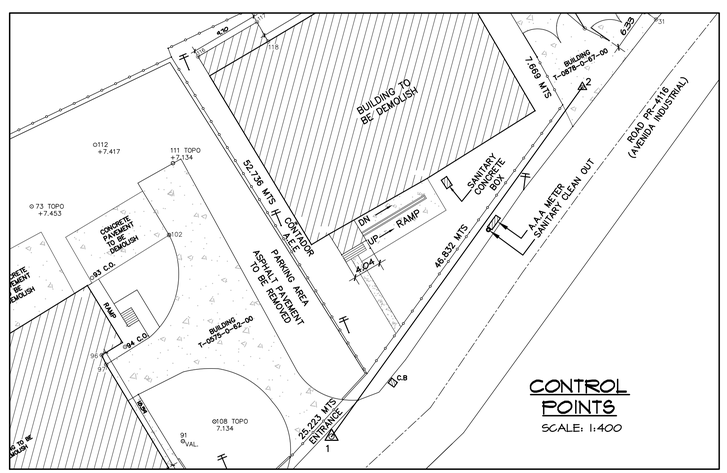
4.COMPACTION TESTING SHALL BE PERFORMED AT THE EXPENSE OF THE CONTRACTOR AS REQUIRED BY THE ENGINEER.

5.THE FINAL SURFACE SHALL BE PROTECTED AGAINST EROSION BY PLACING A MINIMUM OF 6" OF TOPSOIL.

6.HYDROSEEDING SHALL BE PROVIDED AND APPLIED AS REQUIRED TO PREVENT SOIL EROSION. REFER TO DWG. GN-3.0 FOR HYDROSEEDING MAINTENANCE REQUIREMENTS.

LEGEND:

CONTROL STATION	WOODEN POWER POLE		CONCRETE GUTTER
PROPERTY POINT	WOODEN LIGHT POLE		CENTER LINE
SANITARY SEWER MANHOLE	0.0 KM ID	S	SANITARY SEWER LINE
STORM SEWER MANHOLE	CO. SANITARY CLEAN OUT	STW	STORM SEWER LINE
ELECTRIC UTILITY JUNCTION BOX	FIRE HYDRANT	TEL	TELEPHONE LINE
TELEPHONE MANHOLE	CURB INLET	PWL	POWER LINE
WATER MANHOLE	PUBLIC TELEPHONE BOOTH		CHAIN LINK FENCE
GAS MANHOLE	TRAFFIC LIGHT BOX		CHAIN LINK FENCE WITH CONC. BASE
CATCH BASINS	COMMUNICATION PULL BOX		BARBED WIRE FENCE
WATER METER	SIGN		METAL FENCE
WATER VALVE	CABLE GUY	TEL & ELE	TELEPHONE/ELECTRIC LINE
GALVANIZE POWER POLE	EXISTING TREE		PROPERTY LINE
CONCRETE LIGHT POLE	EXISTING PALM TREE		WATER EDGE
CONCRETE POWER POLE	BUS STOP	60,00	SPOT ELEVATIONS
UTILITY LIGHT POLE			EXISTING STRUCTURES
TELEPHONE POLE			
ELECTRIC BOX			



PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

Miguel A. Bonilla Hernández
Ingeniero
Lic. 6105 PE
Puerto Rico
Fecha de Expiración: 2026.06.30

Date:
2026.07.14
20:29:27 -04'00'

MIGUEL A. BONILLA, P.E.

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CARENERO WARD
LOTE L-141-1-60

CHECKED BY:	DRAWN BY: G. VELEZ
PLOT DATE: MAY 22, 2026 TIME:	SCALE: AS-SHOWN
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

DRAWING TITLE

SITE
DEMOLITION PLAN

DRAWING NO. SI-2.0	SHEET NO. 2
	TOTAL NO. 10

GENERAL NOTES:

1. THIS DRAWING SET HAS BEEN PREPARED FOR DEMOLITION ACTIVITIES TO BE EXECUTED WITHIN THE PROJECT SITE. IT IS NOT TO BE USED FOR OTHER ADDITIONAL CONSTRUCTION ACTIVITIES.

2. FINAL FLAT SURFACE LEVELING MUST BE ATTAINED BY MEANS OF CUT & FILL ACTIVITIES WITH CLEAN SOIL MATERIAL ACCORDING TO PROJECT SPECIFICATIONS AND DRAWINGS.

3. A FINAL SET OF AS-BUILT DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE A&E UPON COMPLETION OF CONSTRUCTION. THE AS-BUILT DRAWINGS SHALL BE CERTIFIED BY A LICENSED PROFESSIONAL SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER, AND SHALL ACCURATELY REFLECT ALL FIELD CONDITIONS, INCLUDING THE FINAL LOCATION, DIMENSIONS, AND ELEVATIONS OF ALL INSTALLED OR MODIFIED FEATURES.

4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DEVELOPMENT, IMPLEMENTATION, AND MAINTENANCE OF TRAFFIC CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT. ALL TRAFFIC CONTROL PLANS AND ACTIVITIES SHALL BE IN FULL COMPLIANCE WITH THE REQUIREMENTS OF THE PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY (PRHTA), THE MUNICIPALITY OF GUANICA, AND ANY OTHER APPLICABLE REGULATORY AGENCY. THE CONTRACTOR SHALL PROPERLY SCHEDULE, PLAN, AND EXECUTE ALL WORK ACTIVITIES TO ENSURE UNINTERRUPTED AND SAFE ACCESS FOR PROJECT-RELATED VEHICLES, INCLUDING HEAVY EQUIPMENT, TO AND FROM THE SITE, AS WELL AS TO ALL SURROUNDING MUNICIPAL AND STATE ROADS, AT ALL TIMES. ANY DISRUPTION TO EXISTING TRAFFIC PATTERNS OR ROADWAY ACCESS MUST BE COORDINATED IN ADVANCE AND APPROVED BY THE APPLICABLE AUTHORITIES.

5. NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED OUTSIDE OF THE ESTABLISHED PROJECT LIMITS.

6. FENCES, (WITH THE EXCEPTION OF THE FENCE BETWEEN THE LOT _T-0878-0-67-00_ AND LOT_T-0575-0-62-03 TO BE DEMOLISH AND REPLACE WITH A NEW ONE APPROXIMATED LENGTH 54.00 L.M.), SIDEWALKS, CURBS, DITCHES AND ANY OTHER PRIVATE OR PUBLIC PROPERTY DISTURBED DURING THE CONSTRUCTION OR DEMOLITION SHALL BE RESTORED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION ONCE THE WORK IN THE AREA HAS BEEN COMPLETED.

7. THE CONTRACTOR SHALL IMPLEMENT MEASURES TO MINIMIZE THE ENVIRONMENTAL IMPACT OF ALL DEMOLITION ACTIVITIES, ENSURING COMPLIANCE WITH ALL APPLICABLE STATE AND FEDERAL REGULATIONS. ROBUST PROVISIONS FOR SOIL EROSION CONTROL, SEDIMENT CONTROL, AND EFFECTIVE STORMWATER MANAGEMENT ARE IMPERATIVE. DEVIATIONS FROM THESE REGULATIONS MAY RESULT IN SEVERE PENALTIES AND LEGAL CONSEQUENCES. THE CONTRACTOR SHALL STAY INFORMED ABOUT THE LATEST UPDATES AND AMENDMENTS TO THESE REGULATIONS AND ADJUST PRACTICES ACCORDINGLY.

8. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE PROTECTION AND PRESERVATION OF ALL TREE SPECIES LOCATED WITHIN THE PROJECT SITE LIMITS. UNDER NO CIRCUMSTANCE SHALL ANY TREE BE PRUNED, TRIMMED, OR REMOVED WITHOUT PROPER EVALUATION AND APPROVAL. IF, DUE TO CONSTRUCTION ACTIVITIES OR SELECTED CONSTRUCTION METHODS, TREE PRUNING OR REMOVAL BECOMES NECESSARY, THE CONTRACTOR MUST OBTAIN ALL REQUIRED PERMITS FROM THE PUERTO RICO DEPARTMENT OF NATURAL AND ENVIRONMENTAL RESOURCES (DNER) PRIOR TO COMMENCING ANY SUCH WORK. THE RESPONSIBILITY FOR INITIATING, PREPARING, AND SECURING THESE PERMITS LIES SOLELY WITH THE CONTRACTOR. FURTHERMORE, IF THE DNER MANDATES TREE MITIGATION PLANTING AS A CONDITION OF THE PERMIT, THE MUNICIPALITY MAY ASSIST BY PROVIDING AVAILABLE AREAS FOR REPLANTING, BUT ONLY AS PART OF THE OFFICIAL PERMITTING PROCESS. IT REMAINS THE CONTRACTOR'S DUTY TO COORDINATE WITH THE MUNICIPALITY AND THE DNER TO COMPLY WITH ALL APPLICABLE MITIGATION REQUIREMENTS.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLICABLE STATE AND FEDERAL PERMITTING AND CONTROLLING SOIL EROSION AND SEDIMENT RUNOFF FROM THE CONSTRUCTION AREA. THE CONTRACTOR SHALL OBTAIN ALL OF THE REQUIRED PERMITS AND FOLLOW ANY APPLICABLE STORMWATER RUNOFF AND/OR DISCHARGE REQUIREMENTS SET BY THE DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES (DNER) AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). THE PROJECT OWNER WILL PROVIDE THE CONTRACTOR WITH THE APPLICABLE PROFESSIONAL ENGINEERING INSPECTIONS FOR THE PROJECT INCLUDING THE EROSION CONTROL PERMITTING MONTHLY INSPECTIONS AND REPORTS.

10. THE CONTRACTOR SHALL NOTIFY THE SITE OWNER OR THE SITE OWNER AUTHORIZED REPRESENTATIVE OF MAJOR DISCREPANCIES BETWEEN THE DEMOLITION PLAN AND FIELD CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK.

11. IF ENVIRONMENTALLY SENSITIVE AREAS, ENDANGERED SPECIES, OR ARCHAEOLOGICAL RESOURCES ARE ENCOUNTERED DURING DEMOLITION/CONSTRUCTION, THE WORK IN THE AREA SHALL BE STOPPED AND THE APPROPRIATE REGULATORY AUTHORITIES SHALL BE NOTIFIED.

12. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A PERIMETER SECURITY FENCE TO RESTRICT UNAUTHORIZED ACCESS TO THE SITE.

13. SPOT ELEVATIONS PROVIDED, IF ANY, ARE MSL.

14. NOISE AND VIBRATION CONTROL: THE CONTRACTOR SHALL IMPLEMENT MEASURES TO MINIMIZE THE IMPACT OF NOISE AND VIBRATION DURING DEMOLITION. UTILIZE NOISE BARRIERS, MUFFLERS, AND VIBRATION DAMPENERS TO CONTROL AND REDUCE DISTURBANCES AS NEEDED.

15. DUST SUPPRESSION: THE CONTRACTOR SHALL IMPLEMENT EFFECTIVE DUST SUPPRESSION MEASURES TO MINIMIZE ENVIRONMENTAL AND HEALTH IMPACTS. UTILIZE WATER SPRAYS, DUST SUPPRESSION AGENTS, AND DUST BARRIERS AS NEEDED.

16. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ENSURING THE HEALTH AND SAFETY OF ALL PERSONNEL ON SITE. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY LAWS AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE PUERTO RICO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (PROSHA), AND ANY OTHER FEDERAL, STATE, OR LOCAL HEALTH AND SAFETY AGENCIES HAVING JURISDICTION. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL SUBMIT A SITE-SPECIFIC EMERGENCY RESPONSE, HEALTH AND SAFETY PLAN FOR REVIEW AND APPROVAL BY THE PROJECT INSPECTOR AND THE PROJECT OWNER. THE PLAN SHALL INCLUDE HAZARD ASSESSMENTS, EMERGENCY RESPONSE PROCEDURES, PPE REQUIREMENTS, AND SAFETY TRAINING PROTOCOLS. THE CONTRACTOR SHALL ENSURE THAT ALL WORKERS ARE ADEQUATELY TRAINED IN SAFE WORK PRACTICES, EMERGENCY PROCEDURES, AND THE PROPER USE OF PERSONAL PROTECTIVE EQUIPMENT (PPE), INCLUDING BUT NOT LIMITED TO HARD HATS, SAFETY GLASSES, GLOVES, HIGH-VISIBILITY VESTS, AND SAFETY FOOTWEAR. FAILURE TO COMPLY WITH HEALTH AND SAFETY REQUIREMENTS MAY RESULT IN WORK SUSPENSION, REMOVAL FROM THE SITE, OR OTHER ENFORCEMENT ACTIONS DEEMED NECESSARY BY THE PROJECT OWNER OR REGULATORY AUTHORITIES.

17. THE CONTRACTOR SHALL EXECUTE THE DEMOLITION PROJECT AS A FULLY COMPLIANCE-DRIVEN UNDERTAKING. THE CONTRACTOR SHALL STRICTLY ADHERE TO, AND BE FULLY RESPONSIBLE FOR COMPLYING WITH, ALL APPLICABLE HEALTH, SAFETY, AND ENVIRONMENTAL LAWS, CODES, AND REGULATIONS THROUGHOUT THE DURATION OF THE PROJECT. THIS INCLUDES, BUT IS NOT LIMITED TO, COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING AGENCIES:

- THE PUERTO RICO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (PROSHA/OSHA)
- THE PUERTO RICO DEPARTMENT OF NATURAL AND ENVIRONMENTAL RESOURCES (DNER)
- THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA)
- AND ANY OTHER LOCAL, STATE, OR FEDERAL REGULATORY AGENCIES HAVING JURISDICTION OVER THE PROJECT ACTIVITIES

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING, MAINTAINING, AND COMPLYING WITH ALL REQUIRED PERMITS, PLANS, AND APPROVALS, AND SHALL ENSURE THAT ALL PERSONNEL, SUBCONTRACTORS, AND OPERATIONS CONSISTENTLY MEET OR EXCEED THESE REGULATORY REQUIREMENTS.

18. IN THE EVENT OF ANY HAZARDOUS MATERIAL SUCHLIKE LEAD OR ASBESTOS FOLLOW THE INSTRUCTIONS IN THE SCOPE OF WORK, HANDLE AND DISPOSE OF MATERIAL IN THE APPROVED LAND FILL, THE CONTRACTOR SHALL SUBMIT A COPY OF THE RECEIVING REPORT / CHAIN OF CUSTODY AND MANIFEST FROM THE DISPOSAL FACILITY. SEE SCOPE OF WORK FOR MORE DETAILS AND NOTES.

19. THE CONTRACTOR SHALL COMPLY WITH THE REGULATIONS " LEY No.70 DEL 18 DE SEPTIEMBRE DE 1992,SEGÚN ENMENDADA,CONOCIDA COMO LA LEY DE REDUCCIÓN Y RECICLAJE DESPERDICIOS SÓLIDOS EN PUERTO RICO".

ABBREVIATIONS:

ADD ..... ADDITIONAL
B ..... BOTTOM
E.W. ..... EACH WAYS
C.C. ..... CENTER TO CENTER
CL ..... CLEAR
COL. ..... COLUMN
CONST ..... CONSTRUCTION
CONT. ..... CONTINUOUS
DTL ..... DETAIL
DWG ..... DRAWING
EA ..... EACH
E.E. ..... EACH END
ELEV. ..... ELEVATION
F.B.E. ..... FOOTING BOTTOM ELEVATION
F.F.E. ..... FINISH FLOOR ELEVATION
FT ..... FEET
GALV ..... GALVANIZED
L.L. ..... LOWER LAYER
MAX ..... MAXIMUM
MECH ..... MECHANICAL
MIN ..... MINIMUM
REINF ..... REINFORCEMENT
SPECS ..... SPECIFICATIONS
STD ..... STANDARD
STL ..... STEEL
SUP ..... SUPPLEMENTARY
T ..... TOP
TYP ..... TYPICAL

DEMOLITION PLAN NOTES:

1. THE FOLLOWING STRUCTURE AS DEPICTED IN THE SITE PLAN ARE EXPECTED TO BE DEMOLISHED AS PART OF THE PROPOSED DEMOLITION PROJECT: T-0878-0-67-00.

2. PRIOR TO THE START OF ANY DEMOLITION WORK, THE CONTRACTOR SHALL CONDUCT A VISUAL INSPECTION OF ALL STRUCTURES ADJACENT OR NEARBY TO THE DEMOLITION SITE. AS PART OF THIS REQUIREMENT, THE CONTRACTOR SHALL PREPARE A PHOTO LOG TO DOCUMENT THE EXISTING STRUCTURAL CONDITION OF EACH BUILDING.

   AT A MINIMUM, THE PHOTO LOG SHALL INCLUDE THE FOLLOWING:

   a. OVERALL VIEWS OF EACH EXTERIOR FACADE (FRONT, SIDES, AND REAR, AS APPLICABLE)
   b. CLOSE-UP PHOTOS OF ANY VISIBLE CRACKS IN WALLS, CEILINGS, OR FLOORS
   c. DOCUMENTATION OF EXPOSED OR DAMAGED STRUCTURAL ELEMENTS
   d. PHOTOS OF EXTERIOR OR INTERIOR FEATURES THAT MAY BE AFFECTED BY VIBRATIONS (E.G., BALCONIES, AWNINGS, DECORATIVE ELEMENTS, ETC.)

   ALL PHOTOGRAPHS SHALL BE CLEARLY DATED AND LABELED WITH THE PROPERTY ADDRESS AND A BRIEF DESCRIPTION. THE COMPLETED PHOTO LOG SHALL BE SUBMITTED IN DIGITAL FORMAT AND ORGANIZED FOR REVIEW BY THE PROJECT INSPECTOR ENGINEER. THIS REQUIREMENT IS INTENDED TO ESTABLISH A RECORD OF EXISTING CONDITIONS IN ORDER TO MINIMIZE DISPUTES OR CLAIMS RELATED TO POTENTIAL DAMAGE FROM DEMOLITION VIBRATIONS. THE CONTRACTOR SHALL NOT COMMENCE DEMOLITION ACTIVITIES UNTIL THE PHOTO LOG HAS BEEN SUBMITTED TO AND APPROVED BY THE MUNICIPALITY OF GUANICA PROJECT INSPECTION ENGINEER.

3. NO LATER THAN THIRTY (30) CALENDAR DAYS PRIOR TO THE START OF ANY DEMOLITION ACTIVITIES, THE CONTRACTOR SHALL SUBMIT A FORMAL "DEMOLITION PLAN" TO THE PROJECT INSPECTOR AND OWNER FOR REVIEW AND WRITTEN APPROVAL. THE PLAN SHALL ADDRESS ALL REQUIRED COMPONENTS AS OUTLINED IN THE PROJECT SPECIFICATIONS. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY DELAYS OR CONSEQUENCES RESULTING FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT OR FOR OMISSIONS IN THE CONTRACTOR'S DEMOLITION PLAN. REFER TO PROJECT SPECIFICATIONS FOR FURTHER DETAILS ON THE INFORMATION REQUIRED AS PART OF THIS PLAN.

4. AT LEAST 30 DAYS BEFORE STARTING THE DEMOLITION ACTIVITIES AND AS PART OF THE "DEMOLITION PLAN", THE CONTRACTOR SHALL SUBMIT A "DEBRIS MANAGEMENT AND WASTE MATERIAL DISPOSAL PLAN" TO THE PROJECT INSPECTOR AND OWNER. THE PLAN SHALL INDICATE HOW MATERIAL WILL BE SORTED, HANDLED, LOADED, AND TRANSPORTED TO THE DISPOSAL FACILITY. SUBMIT A COPY OF THE APPLICABLE DISPOSAL AND TRANSPORTATIONS PERMITS. INCLUDE THE NAME AND ADDRESS OF THE FACILITY WHERE THE MATERIAL WILL BE TAKEN. DESCRIBE STEPS THAT WILL BE TAKEN TO ENSURE THAT DEBRIS MATERIALS WILL BE CONTAINED THROUGHOUT THE PROCESS. MEASURES MAY INCLUDE ADDITIONAL STEPS OR PRECAUTIONS WHEN LIFTING AND HANDLING THE MATERIAL. REFER TO PROJECT SPECIFICATIONS FOR FURTHER DETAILS ON THE INFORMATION REQUIRED AS PART OF THIS PLAN.

5. ALL FACILITIES UTILIZED FOR THE FINAL DISPOSITION OF DEMOLISHED MATERIALS MUST BE PROPERLY PERMITTED AND AUTHORIZED TO OPERATE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS, INCLUDING BUT NOT LIMITED TO REQUIREMENTS SET FORTH BY THE DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES (DNER) AND ANY OTHER RELEVANT REGULATORY AGENCIES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING COMPLIANCE AND OBTAINING APPROVALS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE SELECTION, APPROVAL, OR LEGAL STATUS OF DISPOSAL FACILITIES.

6. AS PART OF THE REQUIRED "DEBRIS MANAGEMENT AND WASTE MATERIAL DISPOSAL PLAN," THE CONTRACTOR SHALL IMPLEMENT A DOCUMENTED LOADING AND UNLOADING TICKET CONTROL SYSTEM TO VERIFY AND TRACK THE REMOVAL OF ALL MATERIALS FROM THE SITE. ACCEPTABLE EVIDENCE OF FINAL DISPOSITION SHALL INCLUDE DISPOSAL FACILITY TICKETS (SUCH AS "MANIFIESTO") OR EQUIVALENT OFFICIAL DOCUMENTATION FROM A PERMITTED DISPOSAL FACILITY. FULL COMPLIANCE WITH REGULATORY REQUIREMENTS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

7. FIELD DATA AND ALL INFORMATION IN THE DRAWINGS (DETAILS, DIMENSIONS, ETC.) SHOULD BE FURTHER VERIFIED TOTALLY BY THE CONTRACTOR BEFORE CARRYING OUT ANY DEMOLITION ACTIVITIES. IN CASE OF DISCREPANCY, THE CONTRACTOR SHALL REQUEST WRITTEN INFORMATION ON THE MATTER FROM THE RESIDENT INSPECTION ENGINEER AND/OR THE OWNER. THE INSPECTOR AND/OR THE OWNER REPRESENTATIVE WILL HAVE FINAL DECISION ON WHAT SHALL BE CORRECTED, DEMOLISHED, MODIFIED, CONSTRUCTED AND/OR ACCEPTED DURING DEMOLITION ACTIVITIES AND/OR CONSTRUCTION. IF DONE OTHERWISE, CONTRACTOR ASSUMES FULL RESPONSIBILITY AND COST FOR ITS ACTIONS IF LATER WORK IS REJECTED BY THE OWNER OR ITS AUTHORIZED REPRESENTATIVES AND IF NEW WORK IS REQUIRED TO COMPLY WITH PLANS AND SPECIFICATIONS.

8. ALL DEMOLITION DISCREPANCIES ON THE SITE SHALL BE COORDINATED WITH THE PROJECT OWNER REPRESENTATIVE AND THE RESIDENT INSPECTION ENGINEER PRIOR TO PERFORMING THE ACTIVITY.

9. IF ANY INFORMATION IS MISSING OR NOT CLEAR IN THE DEMOLITION PLAN, THE CONTRACTOR SHALL CONTACT THE PROJECT OWNER REPRESENTATIVE AND THE RESIDENT INSPECTION ENGINEER FOR CLARIFICATION PRIOR TO FURTHER DEMOLITION WORKS.

10. THE OWNER REPRESENTATIVE / PROJECT INSPECTOR SHALL BE CONSULTED, AT ALL TIMES, PRIOR TO STARTING ANY EXCAVATION, DEMOLITION OR CONSTRUCTION WITHIN THE PROJECT PREMISES, REGARDLESS IF SUCH WORK IS SHOWN ON OR INDICATED ON DRAWINGS. OWNER REPRESENTATIVE OFFICE WILL COORDINATE AND OVERSEE THIS REQUIREMENT.

11. THE EXACT LOCATION, DEPTH, AND CONDITION OF EXISTING UNDERGROUND UTILITIES ARE UNKNOWN AND HAVE NOT BEEN VERIFIED BY THE ENGINEER. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR FIELD-VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY DEMOLITION OR EXCAVATION ACTIVITIES. THE CONTRACTOR SHALL CONTACT THE "811 CALL BEFORE YOU DIG" SERVICE AND COORDINATE DIRECTLY WITH ALL RELEVANT UTILITY COMPANIES AND/OR INFRASTRUCTURE OWNERS TO ACCURATELY IDENTIFY AND LOCATE ALL UNDERGROUND SYSTEMS THAT MAY BE IMPACTED BY THE PROPOSED WORK.

12. THE CONTRACTOR SHALL EXERCISE THE HIGHEST LEVEL OF CAUTION AND DILIGENCE IN THE IDENTIFICATION, HANDLING, AND REMOVAL OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS. ALL UTILITY REMOVALS--WHETHER INDICATED ON THE DRAWINGS OR DISCOVERED DURING CONSTRUCTION--MUST BE PERFORMED IN FULL COMPLIANCE WITH NATIONALLY RECOGNIZED CODES AND THE SPECIFIC REGULATORY REQUIREMENTS APPLICABLE TO EACH UTILITY SYSTEM, AND MUST BE TERMINATED IN A SAFE AND APPROVED MANNER AS VERIFIED BY THE INSPECTION ENGINEER. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROCEED WITH REMOVAL, RELOCATION, OR DISTURBANCE OF ANY UNIDENTIFIED UTILITY LINE WITHOUT FIRST PROVIDING IMMEDIATE NOTIFICATION TO THE INSPECTION ENGINEER AND RECEIVING WRITTEN CLEARANCE TO PROCEED. FAILURE TO DO SO MAY RESULT IN UNSAFE CONDITIONS, PROJECT DELAYS, AND MAY BE SUBJECT TO CORRECTIVE ACTIONS AT THE CONTRACTOR'S SOLE EXPENSE. UTILITIES TO BE REMOVED INCLUDE, BUT ARE NOT LIMITED TO: ELECTRICAL, POTABLE WATER, WASTEWATER, STORMWATER, CABLE TV, TELECOMMUNICATIONS, AND OTHER UNDERGROUND OR OVERHEAD UTILITY SYSTEMS. STRICT ADHERENCE TO THIS REQUIREMENT IS MANDATORY. THE SAFETY OF PERSONNEL, INFRASTRUCTURE INTEGRITY, AND REGULATORY COMPLIANCE DEPEND ON IT.

13. UPON COMPLETION OF THE PROJECT, AND SUBSEQUENT REMOVAL OF ALL DEBRIS, THE CONTRACTOR IS BOUND TO LEAVE THE SITE IN A CLEAN AND SATISFACTORY CONDITIONS, MEETING THE STANDARDS SET BY THE RESIDENT INSPECTION ENGINEER. THE ENTIRE SITE MUST BE THOROUGHLY CLEANED AND STABILIZED BY BRINGING THE GRADING OF THE AREA TO A FLAT SURFACE THAT MATCHES THE SURROUNDING GRADE. THE FLAT SURFACE SHALL HAVE A 4:1 SLOPE TRANSITION WITHIN 5 FEET OF THE BUILDING FOOTPRINT. THE FLAT SURFACE GRADING SHALL BE DEVELOPED WITH SOIL COMPACTED TO 95% PROCTOR AND A CRUSHED STONE/GRAVEL FINISH AS ITS TOP LAYER. THE 4:1 SLOPE THAT WILL ENCOMPASS THE BUILDING FOOTPRINT WILL REQUIRE TOP SOIL (6" DEPTH) WITH GRASS HYDROSEEDING.

    HYDROSEEDING MAINTENANCE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL WATER REQUIRED FOR THE PREPARATION, APPLICATION, ESTABLISHMENT, AND MAINTENANCE OF THE HYDROSEED. THE HYDROSEEDED AREAS SHALL BE IRRIGATED AT LEAST TWO (2) TIMES PER DAY, OR AS NECESSARY TO MAINTAIN ADEQUATE SOIL MOISTURE, FOR A MINIMUM PERIOD OF FIVE (5) WEEKS AFTER APPLICATION, OR UNTIL A HEALTHY AND UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED. ANY AREA THAT FAILS TO GERMINATE OR BECOME DAMAGED DURING THIS MAINTENANCE PERIOD SHALL BE RE-SEEDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

14. THE FINAL EIGHT (8) INCHES OF THE PROJECT GROUND FLAT SURFACE AREA MUST BE COVERED WITH COMPACTED A-2-4 OR BETTER FILL MATERIAL AND COMPACTED TO 95% STANDARD OR MODIFIED PROCTOR TEST.

    UPON COMPLETION OF DEMOLITION AND BACKFILLING OPERATIONS,THE FINISHED GROUND SURFACE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AT A MINIMUM SLOPE OF ONE PERCENT (1%) DIRECTED TOWARD THE FRONT OF THE LOT, UNLESS OTHERWISE INDICATED ON THE PLANS.

    THE FOLLOWING REQUIREMENTS SHALL APPLY:

    1.THE FINAL GRADE SHALL ENSURE CONTINUOUS SURFACE DRAINAGE WITHOUT PONDING.
    2.DRAINAGE SHALL BE DIRECTED TOWARD THE STREET FRONTAGE OR APPROVED DISCHARGE POINT.
    3.NO LOW SPOTS OR DEPRESSION SHALL REMAIN AFTER FINAL GRADING.
    4.THE FINISH SURFACE SHALL TIE SMOOTHLY INTO ADJACENT PROPERTIES AND EXISTING ELEVATIONS.
    5.SURFACE RUNOFF SHALL NOT BE DIRECTED ONTO NEIGHBORING PROPERTIES.
    6.THE CONTRACTOR SHALL VERIFY FINAL ELEVATIONS PRIOR TO ACCEPTANCE.

    MINIMUM SLOPE:

    1% (0.01 (FT/FT) TOWARD THE FRONT PROPERTY LINE.

15. PROJECT CLEANUP INCLUDES THE RESPONSIBLE DISPOSAL OF ALL ITEMS AND MATERIALS NOT REQUIRED TO REMAIN IN THE PROPERTY OF THE OWNER, AS WELL AS MANAGING DEBRIS AND RUBBISH RESULTING FROM DEMOLITION OPERATIONS. APPLICABLE DEBRIS AND WASTE DISPOSAL REGULATIONS SHALL BE COMPLIED WITH AT ALL TIMES.

16. CONTRACTOR SHALL CLEARLY MARK AND LABEL ALL PROJECT AREAS NOT TO BE DISTURBED AND/OR DEMOLISHED, AND SHALL HAVE A FIELD MEETING WITH THE PROJECT INSPECTOR TO SHOW ESTABLISHED MARKINGS AND LABELS PRIOR TO ANY DEMOLITION ACTIVITIES. PROJECT INSPECTOR SHALL PROVIDE THE CONTRACTOR WITH A WRITTEN DOCUMENT APPROVING THE MARKED SITE FEATURES THAT ARE NOT TO BE DEMOLISHED OR DISTURBED.

17. IF ANY STRUCTURE, UTILITIES AND/OR PAVEMENTS TO REMAIN OR NEW CONSTRUCTION IS DAMAGED DURING CONSTRUCTION AND/OR DEMOLITION, MUST BE FIXED OR REPLACED BY THE CONTRACTOR, AT NO COST TO THE OWNER.

18. ANY PART OF THE SITE MARKED "TO REMAIN" SHALL BE PROTECTED DURING ALL DEMOLITION AND CONSTRUCTION WORKS IN ORDER TO PREVENT ANY POSSIBLE DAMAGE TO THEM.

19. IF TREES AND UTILITY POLES ARE TO REMAIN AT THE SITE AND SHOULD BE PROTECTED DURING DEMOLITION AND CONSTRUCTION WORKS.

20. CONSTRUCT STRUCTURALLY ADEQUATE DEBRIS SHIELDS TO CONTAIN DEBRIS WITHIN THE CONSTRUCTION LIMITS. DO NOT ALLOW DEBRIS TO ENTER THE NEARBY COMMUNITY, ADJACENT ROADS OR STORMWATER SYSTEMS, TRAVEL LANES OPEN TO PUBLIC TRAFFIC, OR AREAS DESIGNATED NOT TO BE DISTURBED.

21. DISPOSAL AND MANAGEMENT OF HAZARDOUS MATERIAL: IN THE EVENT THAT ANY SOLVENTS, OILS, LUBRICANTS OR SIMILAR ARE FOUND IN THE PROJECT AREA, THE CONTRACTOR SHALL HANDLE AND DISPOSE OF MATERIAL ACCORDING TO FEDERAL, STATE, AND LOCAL RULES AND REGULATIONS. ENSURE THAT LOADS TRANSPORTED FROM THE SITE ARE ADEQUATELY CONTAINED AND COVERED. SUBMIT A COPY OF THE RECEIVING REPORT / CHAIN OF CUSTODY AND MANIFEST FROM THE DISPOSAL FACILITY ACKNOWLEDGING THAT THE MATERIAL BEING DELIVERED CONTAINS HAZARDOUS MATERIAL AND THAT IT HAS BEEN IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

Miguel A. Bonilla Hernández
Ingeniero
Lic. 6105-83
Puerto Rico
Fecha de Expiración: 2026.06.30

Date: 2026.07.14 20:29:45 -04'00'

MIGUEL A. BONILLA, P.E.

Yo, Ingeniero Miguel A.Bonilla, número de licencia 6105, certifico que soy el profesional que diseño estos planos y las especificaciones complementarias. También certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del reglamento conjunto y las disposiciones aplicables de los reglamentos y códigos de construcción aplicables a componentes públicos y privados en mi jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con mi responsabilidad de cualquier jurisdicción judicial y disciplinaria, me hace responsable de cualquier delito cometido, pero sin limitarse a la terminación de la certificación de la participación en los procedimientos de certificación profesional en la OGPe.

CARENERO WARD
LOTE L-141-1-60

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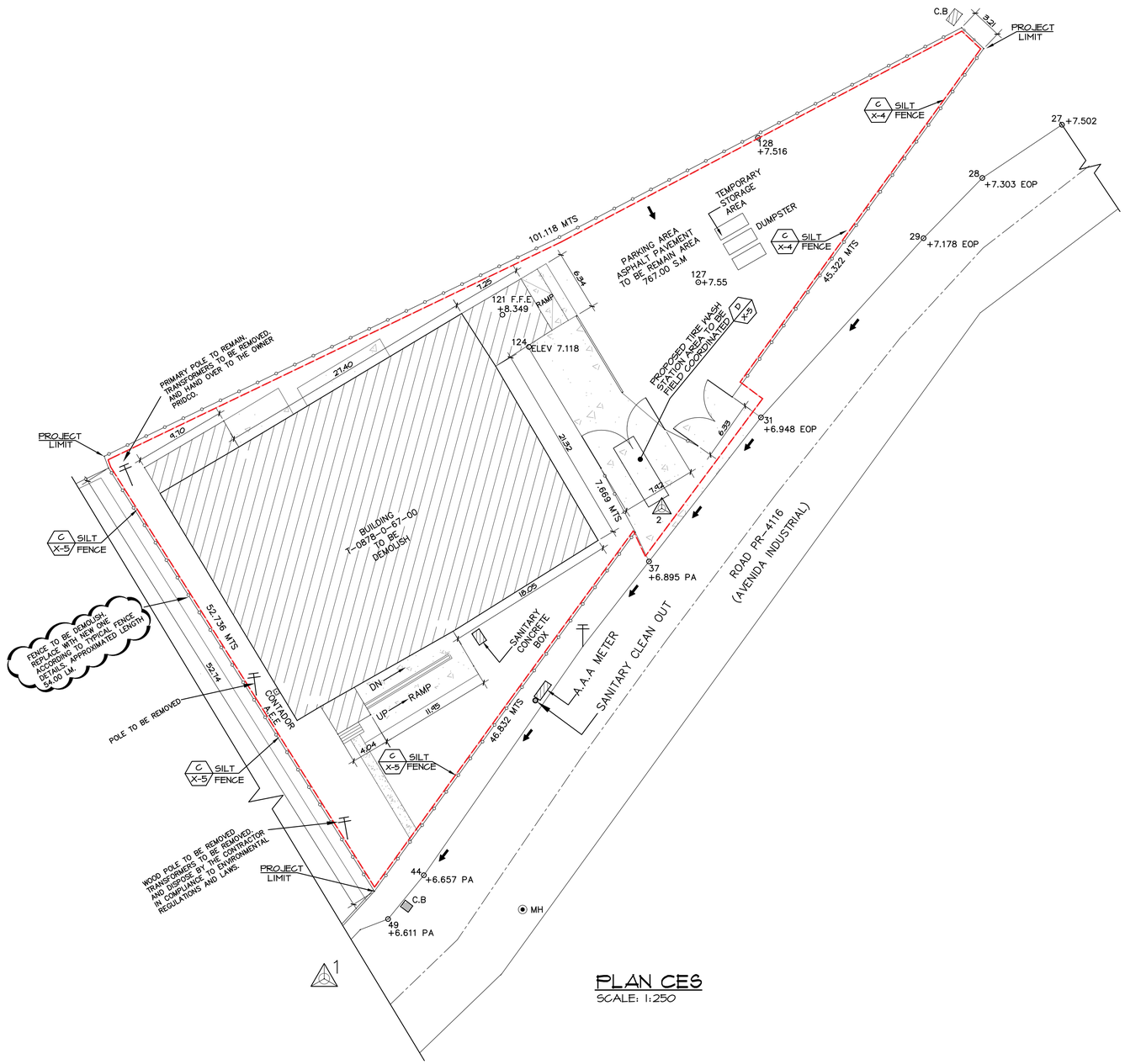

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SCALE: 1:250

LEGEND:

STRAW WATTLE/LOG, HAY-PACK OR APPROVED EQUAL

STORM WATER FLOW ARROW

NOTE:

1- SILT FABRIC PROTECTION SHALL BE PLACED ON THE CATCH BASIN IMMEDIATELY AFTER IT IS BUILT. ONCE ALL OF THE EARTH MOVEMENT AND POTENTIAL SEDIMENTATION SOURCES ARE STABILIZED (I.E. GRASS, ASPHALT ETC.) THE SILT FABRIC PROTECTION SHALL BE REMOVED AND DISPOSED PROPERLY.

2- THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL MEASUREMENTS AS SHOWN ON THIS SHEET. THE CONTRACTOR CAN ADJUST THE INSTALLATION OF THE EROSION CONTROL MEASUREMENTS TO ACCOMMODATE THE CONSTRUCTION AND DELIVERY SEQUENCE. THE CONTRACTOR SHALL COMPLY WITH ANY REQUIREMENT FOR THE CES PLAN INSPECTOR OR THE P.R.Q.E.B.

3- THE STORM WATER DIRECTION FLOW ARROWS DEPICTED ON THIS DRAWING ARE AN ESTIMATE OF THE ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL ENSURE THE PROTECTION OF ALL STORM WATER MANAGEMENT STRUCTURES ALONG THE PROJECT.

STANDARD EROSION AND SEDIMENTATION CONTROL NOTES:

1. ALL GRADING, EROSION AND SEDIMENT CONTROLS MUST CONFORM WITH APPROVED PLANS. REVISIONS TO DISTURBED AREAS, SLOPES, AND/OR EROSION AND SEDIMENT CONTROL MEASURES ARE NOT PERMITTED WITHOUT PRIOR APPROVAL FROM THE OWNER AND ITS ENGINEER(S).

2. ALL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) MUST BE INSTALLED, MAINTAINED AND REPAIRED AS REQUIRED BY APPLICABLE PERMITS (i.e."PERMISO GENERAL DE OTRAS OBRAS" - PGO & CONSTRUCTION GENERAL PERMIT - CGP) TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. FOR EXAMPLE, EROSION CONTROL BLANKETS, STRAW BALE DIKES OR SILT FENCES MAY REQUIRE PERIODIC REPLACEMENT. SEDIMENT TRAPS AND BASINS WILL REQUIRE PERIODIC SEDIMENT REMOVAL. EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSTALLED PRIOR TO GRADING OR LAND DISTURBING ACTIVITIES.

3. THE CONTRACTOR MUST PERFORM INSPECTION OF ALL BMPS AS REQUIRED BY APPLICABLE PERMITS (i.e."PERMISO GENERAL DE OTRAS OBRAS" - PGO & CONSTRUCTION GENERAL PERMIT - CGP) TO ENSURE THAT THE EROSION AND SEDIMENT CONTROL BMPS ARE FUNCTIONING PROPERLY. INSPECTION REPORTS MUST BE KEPT ON-SITE ALONG WITH ALL OTHER DOCUMENTATION REQUIRED BY THE PERMITS. ALL NECESSARY MAINTENANCE AND REPAIR SHALL BE COMPLETED IN A TIMELY MANNER AND AS REQUIRED BY APPLICABLE PERMITS.

4. RUNOFF FROM TEMPORARY STOCKPILE AREAS MUST BE CONTROLLED TO PREVENT EROSION AND SEDIMENTATION ON RECEIVING WATERS. SOILS THAT WILL BE STOCKPILED FOR MORE THAN 30 DAYS SHALL BE PROTECTED FROM WIND AND WATER EROSION WITHIN 14 DAYS (OR AS REQUIRED BY APPLICABLE STATE AND FEDERAL PERMITTING REQUIREMENTS) OF STOCKPILE CONSTRUCTION BY ANY OF THE FOLLOWING: MULCHING, TEMPORARY/PERMANENT REVEGETATION, EROSION CONTROL BLANKETS/MATTING/GEOTEXTILES. ANY STOCKPILE LOCATED NEAR A DRAIN WAY, MUST BE PROVIDED WITH ADDITIONAL BMPS PROTECTION SUCH AS TEMPORARY DIKES OR SILT FENCE.

5. THE CONTRACTOR SHALL ENSURE THAT ALL MATERIAL IMPORTED TO OR EXPORTED FROM THE SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF THE MATERIAL DURING TRANSPORT ON PUBLIC ROADS.

6. THE CONTRACTOR MUST PROTECT ALL STORM SEWER FACILITIES ADJACENT AND ANY WITHIN 100 FT DOWNGRADE TO ANY LOCATION WHERE PAVEMENT CUTTING OPERATIONS INVOLVING ROAD/CONCRETE CUTTING ARE TO TAKE PLACE. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL WASTE PRODUCTS GENERATED DURING CUTTING ACTIVITIES ON A DAILY BASIS. THE DISCHARGE OF ANY WATER CONTAMINATED BY WASTE PRODUCTS FROM CUTTING OPERATIONS TO THE STORM SEWER SYSTEM IS STRICTLY PROHIBITED.

7. THE CONTRACTOR MUST TAKE REASONABLE PRECAUTIONS TO ENSURE THAT VEHICLES DO NOT TRACK EARTH MATERIALS ONTO STREETS, AND MUST IMMEDIATELY REMOVE SUCH MATERIALS IF THIS OCCURS. EITHER SWEEPING BY HAND OR THE USE OF STREET SWEEPERS IS ACCEPTABLE. FLUSHING OFF PAVED SURFACES WITH WATER IS PROHIBITED.

8. THE CONTRACTOR IS RESPONSIBLE FOR APPROPRIATE MANAGEMENT AND DISPOSAL OF WASTE GENERATED WITHIN THE FACILITY. IN ADDITION, SPILL PREVENTION AND CONTROL MEASURES MUST BE IN PLACE.

9. WASTE COLLECTION AREAS SHOULD BE LOCATED AWAY FROM THE STORM DRAINAGE SYSTEM. CONSIDERATION SHOULD BE GIVEN TO COVERING WASTE STORAGE DUMPSTERS/ROLL-OFF, TO BE ABLE TO CONTAIN WINDBLOWN MATERIALS.

10. WATER USED IN THE TIRE WASH STATION SHALL BE DISCHARGED INTO A PREDEFINED, BERMED CONTAINMENT AREA. THE TIRE WASH STATION MUST BE IDENTIFIED WITH A SIGN, AND SHALL ALLOW THE LIQUIDS TO INFILTRATE, EVAPORATE OR DRY OUT. DRIED SEDIMENT OR WASTE SHALL BE REMOVED AND PROPERLY DISPOSED OF.

11. THE DISCHARGE OF SANITARY WASTE TO THE STORM SEWER SYSTEM IS PROHIBITED. PORTABLE TOILETS MUST BE PLACED ON PERMEABLE SURFACES, 6 FEET AWAY FROM THE CURBSIDE AND A MINIMUM OF 50 FEET FROM STORM INLETS AND/OR DRAINAGE WAYS.

12. NATURAL VEGETATION SHALL BE PRESERVED AND PROTECTED WHENEVER POSSIBLE. REMOVAL OR DISTURBANCE OF EXISTING VEGETATION SHALL BE LIMITED TO THE AREAS REQUIRED FOR IMMEDIATE CONSTRUCTION OPERATIONS. DISTURBED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN 30 DAYS SHOULD BE STABILIZED WITHIN 14 DAYS (OR AS REQUIRED BY APPLICABLE STATE AND FEDERAL PERMITTING REQUIREMENTS).

13. A VIABLE VEGETATIVE COVER SHOULD BE ESTABLISHED WITHIN SIX MONTHS ON ALL DISTURBED AREAS AND SOIL STOCKPILES NOT OTHERWISE PERMANENTLY STABILIZED. TEMPORARY REVEGETATION IS REQUIRED ON ALL DISTURBED AREAS HAVING A PERIOD OF EXPOSURE PRIOR TO FINAL STABILIZATION OF ONE YEAR TO TWO YEARS. PERMANENT REVEGETATION IS REQUIRED ON ALL DISTURBED AREAS HAVING A PERIOD OF EXPOSURE GREATER THAN TWO YEARS, OR FOR AN INDETERMINATE LENGTH OF TIME.

14. EXISTING CURB OR DROP STORM INLETS WITHIN AND ADJACENT TO THE CONSTRUCTION SITE SHOULD BE PROTECTED TO REDUCE SEDIMENT DISCHARGE. ANY RESULTANT PONDING OF STORMWATER AROUND STORM INLET PROTECTION MUST NOT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT AREAS OR STRUCTURES.

15. THE USE OF DIRT RAMPS IS PROHIBITED. A ROCK PAD ENTRANCE SHOULD BE INSTALLED WHERE CONSTRUCTION VEHICLES NEED TO ENTER OR EXIT FROM AN UNPAVED AREA ONTO A PAVED ROAD (PUBLIC RIGHT-OF-WAY, STREET, ALLEY, SIDEWALK, MEDIAN OR PARKING AREA).

16. FUGITIVE DUST EMISSIONS RESULTING FROM GRADING ACTIVITIES AND/OR WIND SHALL BE CONTROLLED USING THE BEST AVAILABLE CONTROL TECHNOLOGY.

17. THE USE OF REBAR, STEEL STAKES, OR STEEL FENCE POSTS TO STAKE DOWN STRAW OR HAY BALES; OR TO SUPPORT SILT FENCING USED AS BMP MEASURE; IS PROHIBITED. THE USE OF OSHA/PROSHA APPROVED COLORED WARNING CAPS ON REBAR OR FENCE POST USED WITH EROSION CONTROL MEASURES IS NOT ACCEPTABLE.

18. THE CONTRACTOR SHALL ENSURE THAT NO EROSION AND SEDIMENT CONTROL MEASURES ARE INSTALLED IN A MANNER THAT CAUSES FLOODING OR BACKWATER EFFECTS INTO ADJACENT PROPERTIES, STRUCTURES, OR PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL DESIGN AND CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES WITH APPROPRIATE OVERFLOW ROUTES, BYPASSES, OR OTHER CONTINGENCY PATHWAYS TO SAFELY CONVEY EXCESS STORMWATER AND PREVENT FLOODING. ANY FLOODING, PROPERTY DAMAGE, OR ADVERSE IMPACTS CAUSED BY IMPROPERLY INSTALLED EROSION AND SEDIMENT CONTROL MEASURES, OR BY ANY CONSTRUCTION ACTIVITY PERFORMED BY THE CONTRACTOR OR ITS SUBCONTRACTORS, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

19. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED ONCE FINAL SITE STABILIZATION HAS BEEN ACHIEVED, AS DEFINED BY APPLICABLE STATE AND FEDERAL PERMIT CONDITIONS, AND ONCE THE ASSOCIATED PERMIT HAS BEEN FORMALLY INACTIVATED. REMOVAL OF THESE MEASURES SHALL ONLY PROCEED WITH THE APPROVAL OF THE CERTIFIED ENVIRONMENTAL INSPECTOR AND THE PROJECT INSPECTOR, TO ENSURE THAT SITE CONDITIONS MEET ALL COMPLIANCE AND STABILIZATION REQUIREMENTS.

20. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THIS SHEET, WHICH REPRESENT THE MINIMUM REQUIRED BEST MANAGEMENT PRACTICES (BMPS) FOR THE PROJECT. THE CONTRACTOR MAY ADJUST THE LOCATION OR SEQUENCING OF THESE MEASURES AS NECESSARY TO ACCOMMODATE THE APPROVED DEMOLITION METHODOLOGY AND CONSTRUCTION ACTIVITIES, PROVIDED THAT EROSION AND SEDIMENT CONTROL EFFECTIVENESS IS MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL ALSO COMPLY WITH ALL DIRECTIVES AND FIELD ADJUSTMENTS REQUIRED BY THE CERTIFIED EROSION CONTROL PLAN INSPECTOR (CES PLAN INSPECTOR), THE PROJECT INSPECTOR OR APPLICABLE REGULATORY AGENCIES HAVING JURISDICTION.

21. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR DEVELOPING AND IMPLEMENTING A DEMOLITION METHODOLOGY THAT MAY ALTER EXISTING STORMWATER DRAINAGE PATTERNS OR CREATE TEMPORARY DISCHARGE CONDITIONS DURING PROJECT EXECUTION. AS SUCH, THE CONTRACTOR SHALL BE RESPONSIBLE FOR EVALUATING SITE CONDITIONS THROUGHOUT THE PROJECT AND MAKING ANY NECESSARY ADJUSTMENTS TO EROSION AND SEDIMENT CONTROL MEASURES TO MAINTAIN COMPLIANCE WITH ALL REGULATORY REQUIREMENTS. THE CONTRACTOR SHALL ALSO BE FULLY RESPONSIBLE FOR PREPARING, COORDINATING, AND FILING ALL REQUIRED EROSION AND SEDIMENT CONTROL PERMITS FOR THE PROJECT, INCLUDING BUT NOT LIMITED TO:

a. THE PUERTO RICO DEPARTMENT OF NATURAL AND ENVIRONMENTAL RESOURCES (DNER) EROSION AND SEDIMENT CONTROL PERMIT, AND
b. THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR CONSTRUCTION ACTIVITIES, IF APPLICABLE.

THE CONTRACTOR SHALL USE THE EROSION AND SEDIMENT CONTROL DRAWINGS INCLUDED IN THE DEMOLITION PLANS AS A MINIMUM BASELINE FOR IMPLEMENTING BEST MANAGEMENT PRACTICES (BMPS). THESE DRAWINGS MAY BE REFINED OR MODIFIED BY A LICENSED PROFESSIONAL ENGINEER (PE) RETAINED BY THE CONTRACTOR TO PREPARE AND SUBMIT THE REQUIRED PERMIT APPLICATIONS TO DNER AND USEPA, AND TO ENSURE SITE-SPECIFIC COMPLIANCE.

STORMWATER FLOW DIRECTION ARROWS SHOWN ON THE DRAWINGS ARE APPROXIMATE AND BASED ON ESTIMATED FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS IN THE FIELD AND SHALL BE RESPONSIBLE FOR MANAGING, REDIRECTING, OR CONTROLLING STORMWATER FLOW AS NEEDED THROUGHOUT ALL PHASES OF DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE PROTECTION, MAINTENANCE, AND CONTINUED FUNCTIONALITY OF ALL EXISTING AND PROPOSED STORMWATER MANAGEMENT STRUCTURES LOCATED WITHIN OR ADJACENT TO THE PROJECT LIMITS.

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

Miguel A. Bonilla Martínez
Ingeniero
Lic. 6105 PE
Puerto Rico
Fecha de Expiración: 2026.08.28

Date:
2026.07.14
20:30:01 -04'00'

MIGUEL A. BONILLA, P.E.

Yo, Ingeniero Miguel A.Bonilla, número de licencia 6105, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del reglamento conjunto y las disposiciones aplicables de los reglamentos y códigos de los organismos gubernamentales concernientes a obras en mi jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con mi autorización, en la preparación de cualquier documento presentado, incluyendo, pero sin limitarse a la terminación de la participación en los procedimientos de certificación profesional en la OGPe.

CARENERO WARD
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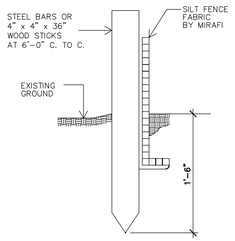

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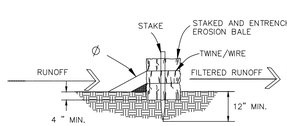

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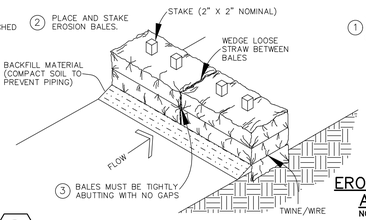

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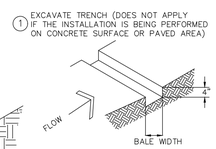

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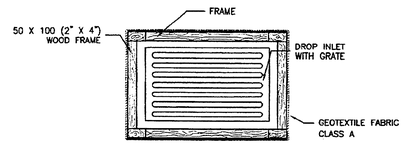

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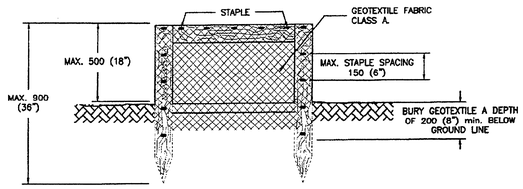

FRONT VIEW

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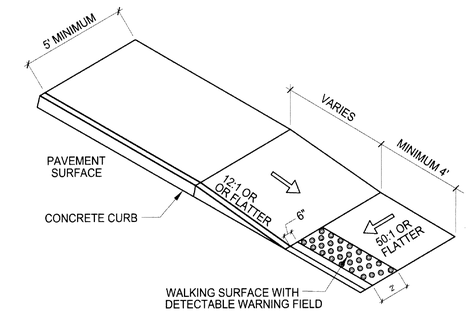

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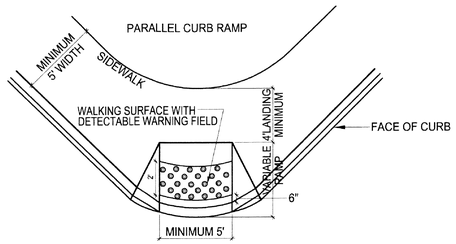

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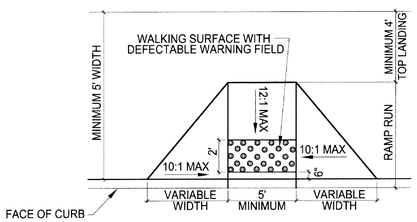
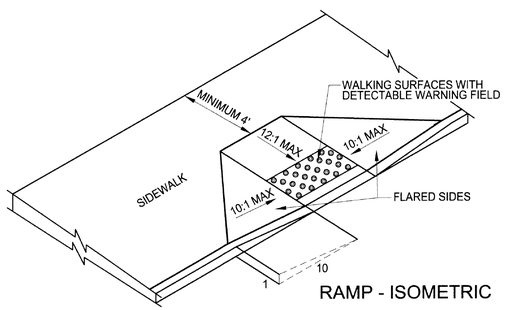
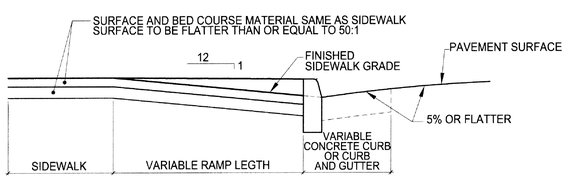


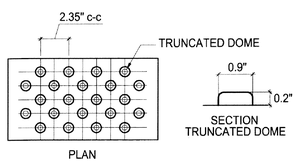
PERPENDICULAR CURB RAMP



RAMP - ISOMETRIC



RAMP - TYPICAL SECTION

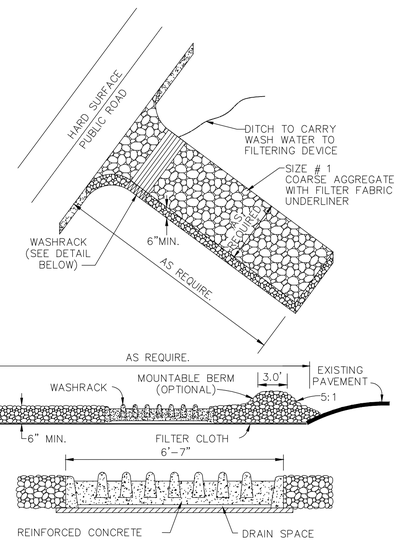


DETECTABLE WARNING FIELD WITH TRUNCATED DOMES

ADA RAMP DETAILS F X-5

NOTES:

1. THE MAXIMUM CROSS SLOPES OF RAMPS MUST NOT EXCEED 2% IN ANY DIRECTION.
2. USE A COARSE BROOM FINISH RUNNING PERPENDICULAR TO THE SLOPE TO CREATE A SLIP RESISTANT SURFACE ON CONCRETE RAMP SURFACES, EXCLUSIVE OF THE DETECTABLE WARNING FIELDS.
3. CONSTRUCT CURB RAMP PERPENDICULAR TO THE CURB. AVOID SKEWING THE RAMP FACE.
4. CONSTRUCT RAMP TRANSITIONS BETWEEN WALKS, GUTTERS, OR STREET THAT ARE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES NOT TO EXCEED 2.5 INCHES.
5. LOCATE DRAINAGE INLETS AND MANHOLES OUTSIDE OF RAMP WALKING SURFACES OR LANDINGS.
6. LOCATE DETECTABLE WARNING FIELD 6 INCHES BEHIND BACK OF CURB.
7. WALKING SURFACE WITH DETECTABLE WARNING FIELD (TRUNCATED DOMES) SHALL BE A SUBSIDIARY OBLIGATION TO THE CONTRACTOR AND PAID UNDER SPEC 608.



DETAIL OF WASHRACK

NOTE:

IT IS IMPERATIVE THAT THE WASHRACK BE INSET INTO THE GROUND AS SHOWN FOR MAXIMUM USE.

TEMPORARY CONSTRUCTION ENTRANCE WITH WASH RACK D X-5

NOT TO SCALE

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

Miguel A. Bonilla Hernández
Ingeniero
Licencia
6105
Las Marías
Puerto Rico
Fecha de Expiración: 2026.06.30

Date:
2026.07.14
20:30:19 -04'00'

MIGUEL A. BONILLA, P.E.

Yo, Ingeniero Miguel A.Bonilla, número de licencia 6105, certifico que soy el profesional que diseño estos planos y las especificaciones complementarias. También certifico que entiendo que dichos planos y conjunto y las disposiciones aplicables del reglamento de construcción vigente en la jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con mi disciplinario, pero sin limitarse a la terminación de la participación en los procedimientos de certificación profesional en la OGPe.

CARENERO WARD

LOTE L-141-1-60

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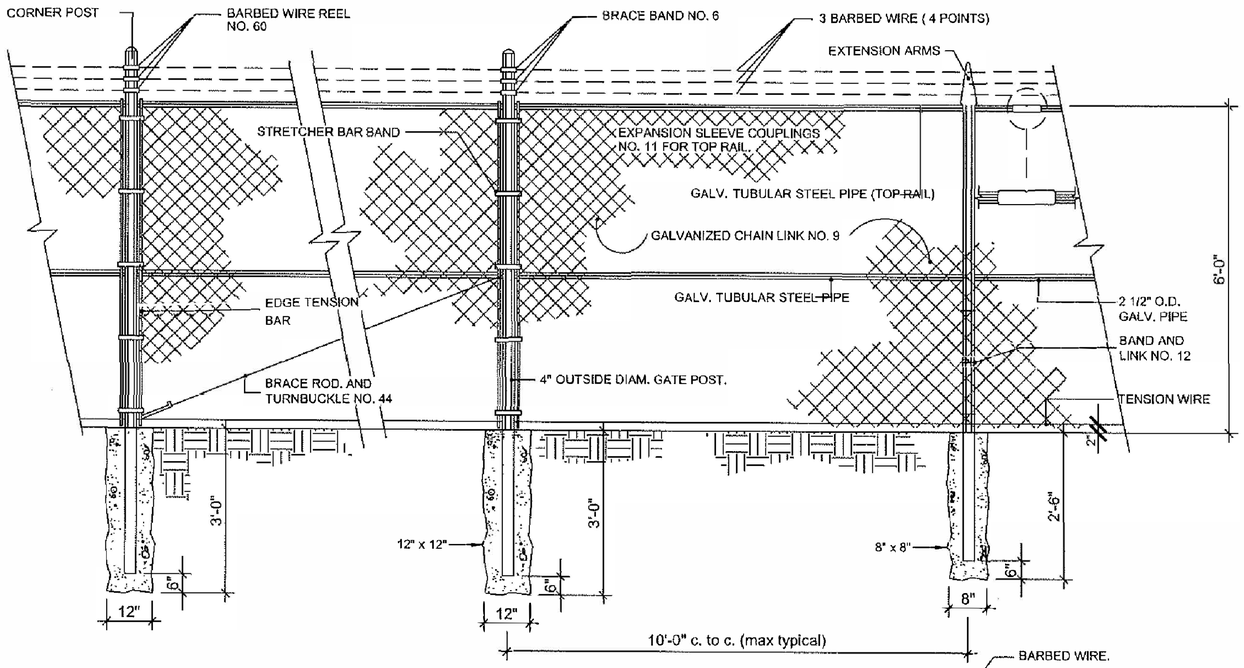
PLOT DATE: MAY 22, 2026 TIME:	SCALE: N.T.S
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

DRAWING TITLE

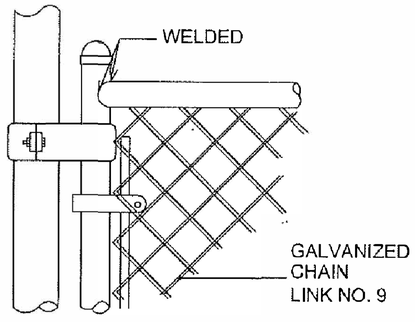
PLAN CES
DETAILS

DRAWING NO.	SHEET NO.
CE-5.0	5
	TOTAL NO. 10

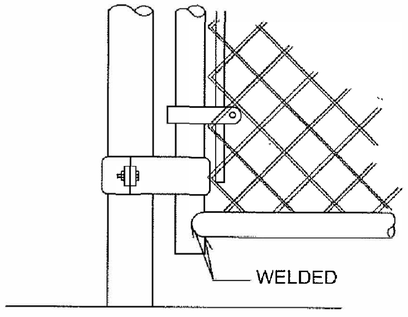


Typical Fence Elevation

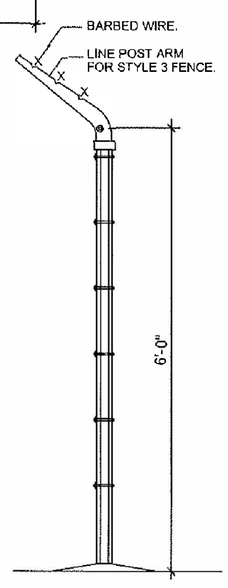
SCALE = 1/4" = 1'-0"



UPPER GATE HINGE
N.T.S.



LOWER GATE HINGE
N.T.S.



NOTES OF CHAIN LINK FENCES

A - CHAIN LINK FENCE - INDUSTRIAL TYPE NO. 423.

B - LINE POSTS 2 1/2" O.D. GALV. - STD. WEIGHT PIPE - 3.65 LBS PER LIN. FT.

C - TOP RAIL 1 5/8" O.D. GALV. - STD. WEIGHT PIPE - 2.27 LBS. PER LIN. FT. (GATES FRAME INDEM).

D - CORNER POST 3" O.D. GALV. - STD. WEIGHT PIPE - 5.79 LBS PER LIN FT.

E - TENSION WRE GA. NO. 7 GALVANIZED.

F - GATE POSTS 4" O.D. GALV. - STD. WEIGHT PIPE - 9.10 LBS. PER LIN. FT.

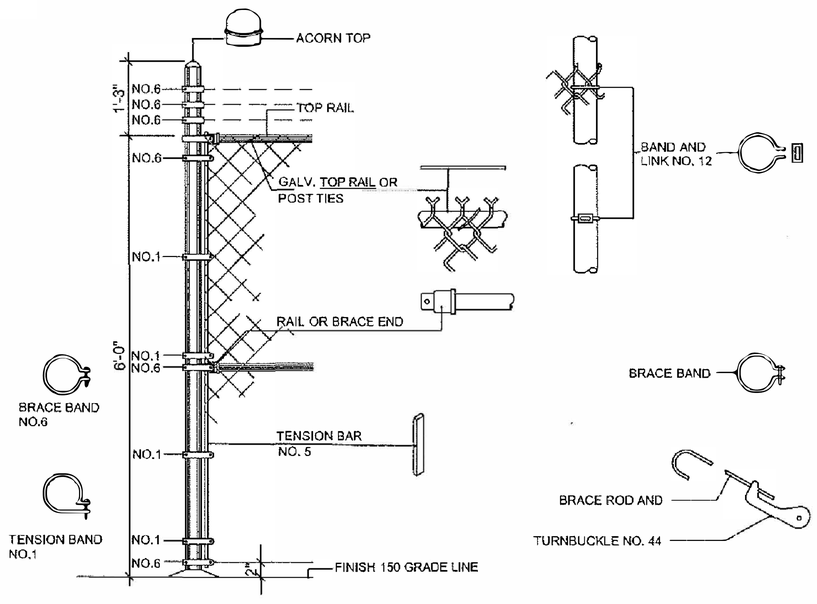
G - GATE POSTS 6 5/8" GALV. - STD. WEIGHT PIPE - 18.97 LBS. PER LIN. FT.

H - GALVANIZED CHAIN LINK GA. 9 - 2" X 2" - 1.2 OUNCES GALVANIZED.

I - STD. WEIGHT PIPE = SCHEDULE 40 A -120.

J - ALL FITTINGS - HEAVY DUTY.

K - MILL CERTIFICATE SHALL BE SUBMITTED.



Installation Details For Chain Link Fence & Gates

SCALE = 1/4" = 1'-0"

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

Date:
2026.07.14
20:30:36 -04'00'

MIGUEL A. BONILLA, P.E.

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CARENERO WARD
LOTE L-141-1-60

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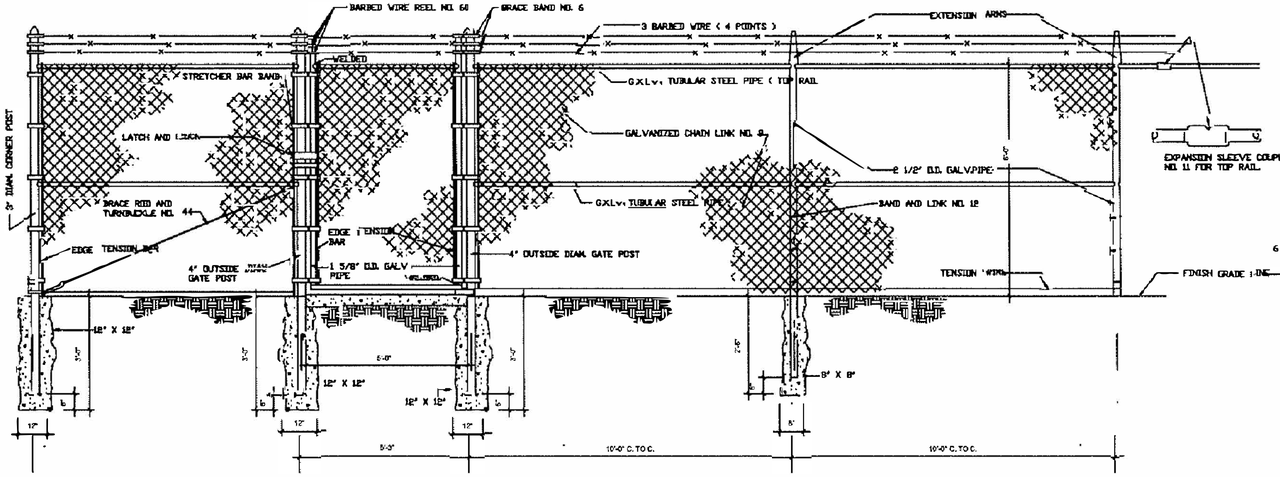
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

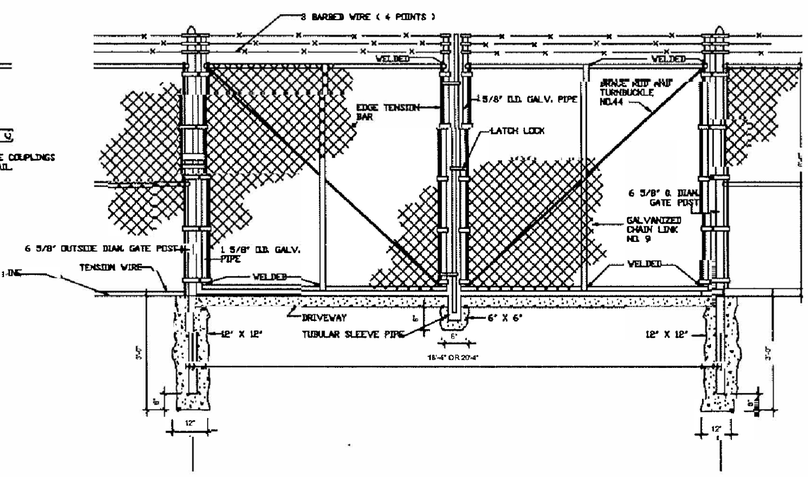
DRAWING TITLE

TYPICAL CHAIN LINK FENCE DETAILS AND NOTES

DRAWING NO. FE-6.0	SHEET NO. 6
	TOTAL NO. 10



EMPLOYEE'S ENTRANCE GATE



DRIVEWAY GATE DETAILS

NOTES:

1 - CHAIN LINK FENCE - INDUSTRIAL TYPE NO. 423

2 - LINE POSTS 2 1/2" O.D. GALV. - STD. WEIGHT PIPE - 3.65 LBS PER LIN. FT.

3 - TOP RAIL 1 5/8" O.D. GALV. - STD. WEIGHT PIPE - 2.27 LBS. PER LIN. FT. (GATES FRAME IDEM.)

4 - CORNER POST 3" O.D. GALV. - STD. WEIGHT PIPE - 5.79 LBS. PER LIN. FT.

5 - TENSION WIRE GA. NO. 7 GALVANIZED.

6 - GATE POSTS 4" O.D. GALV. - STD. WEIGHT PIPE - 9.10 LBS. PER LIN. FT.

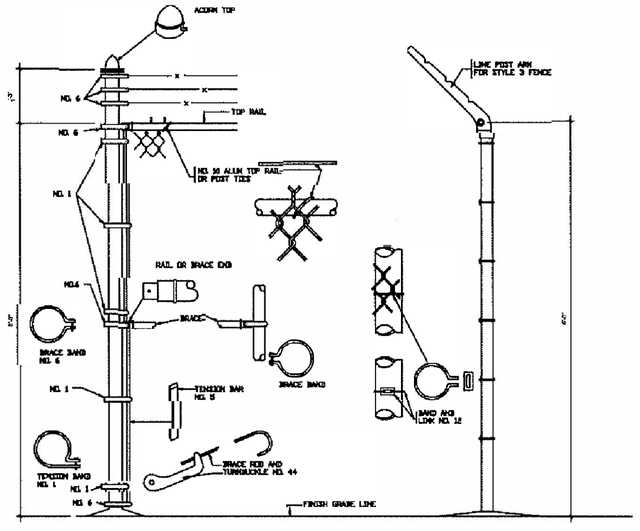
7 - GATE POSTS 6 5/8" GALV. - STD. WEIGHT PIPE - 18.97 LBS. PER LIN. FT.

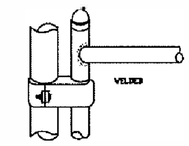
8 - GALVANIZED CHAIN LINK GA. 9 - 2" X 2" - 1.2 OUNCES GALVANIZED.

9 - STD. WEIGHT PIPE = SCHEDULE 40 A - 120

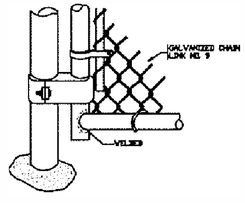
10 - ALL FITTINGS - HEAVY DUTY.

11 - MILL CERTIFICATE SHALL BE SUBMITTED





UPPER GATE HINGE



LOWER GATE HINGE

INSTALLATION DETAILS FOR CHAIN LINK FENCE & GATES

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

Miguel A. Bonilla Hernández
Ingeniero
Colegiado
Núm. 6105
Puerto Rico
Fecha de Expiración: 2026-06-30

Date:
2026.07.14
20:30:53 -04'00'

MIGUEL A. BONILLA, P.E.

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CARENERO WARD
LOTE L-141-1-60

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CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
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DRAWING TITLE

TYPICAL CHAIN LINK FENCE DETAILS AND NOTES

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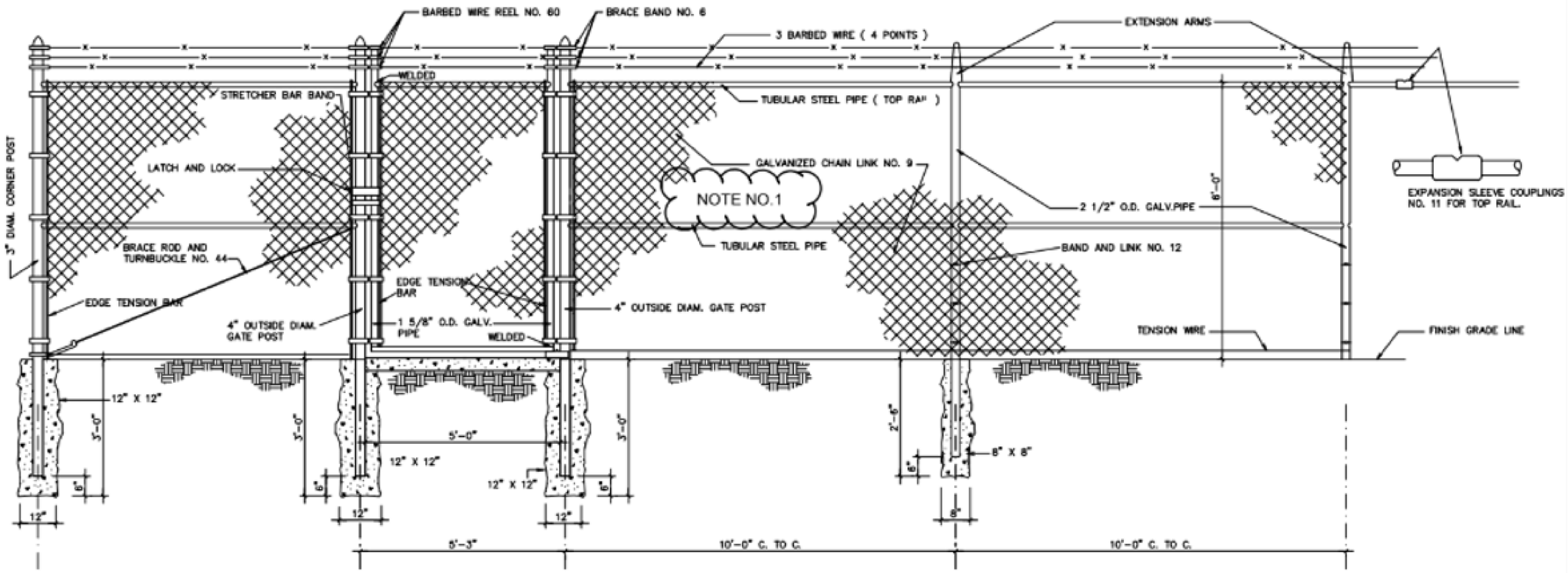
	TOTAL NO. 10



FENCE DETAILS

NOTE NO.1

-TUBULAR STEEL PIPE SHALL BE INSTALL EVERY 50'-0" PANEL SPAN (SPAN=10'-0')

-TUBULAR STEEL PIPE SHALL BE INSTAL EVERY DIRECTIONS CHANGE IN THE FENCE.

TUBULAR STEEL PIPE SHALL BE INSTALL AT EACH FENCE END PANEL.

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

Date:
2026.07.14
20:31:11 -04'00'

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CARENERO WARD
LOTE L-141-1-60

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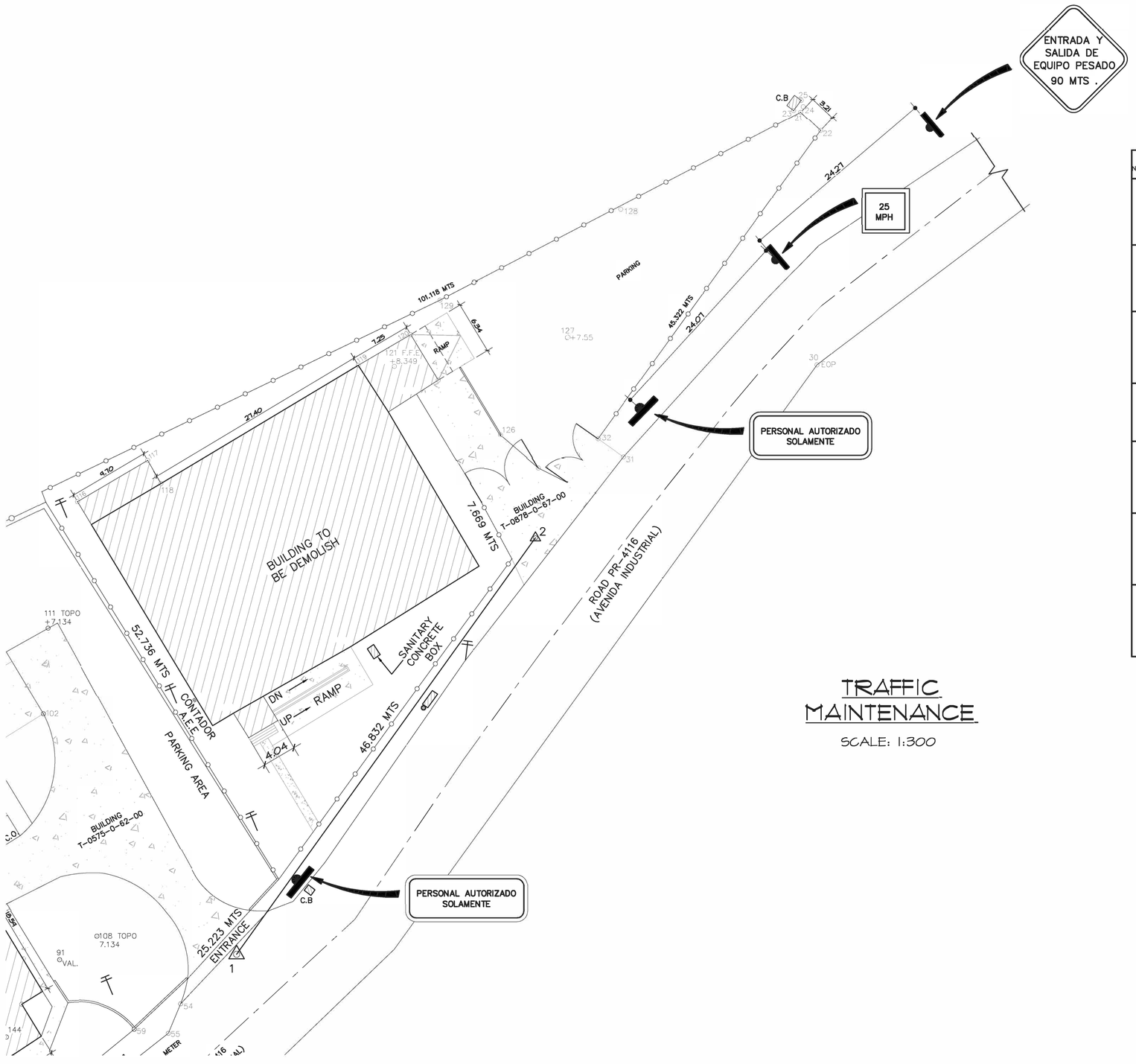
DRAWING TITLE

TYPICAL CHAIN LINK FENCE DETAILS AND NOTES

DRAWING NO. FE-8.0	SHEET NO. 8
	TOTAL NO. 10



TRAFFIC MAINTENANCE

SCALE: 1:300

SIGN DATA TABLE

CODE NUMBER	LOCATION NUMBER	SIGN CODE	LEGEND	SIZE OF SIGN PANELS	OVERHEAD STRUCTURE TYPE	REFERENCE MANUAL	TOTAL ITEM
1	1,8,9,11	W21-4	ENTRADA Y SALIDA DE EQUIPO PESADO	36" X 36"	N/A	SEE M.U.T.C.D. MANUAL	
2	2,7,17,19	W20-4 W13-1	CARRETERA DE UN CARRIL 150 M 25 M.P.H.	36" X 36" 24" X 24"	N/A	SEE M.U.T.C.D. MANUAL	
3	3,6,18,20	W21-4 W16-2	75 MTS.	36" X 36" 30" X 18"	N/A	SEE M.U.T.C.D. MANUAL	
4	4,5,10,12	G20-2a	TERMINA TRABAJO EN CARRETERA	48" X 36"	N/A	SEE M.U.T.C.D. MANUAL	
5	13,14,15,16	R4-7		24" X 30"	N/A	SEE M.U.T.C.D. MANUAL	
6	21	W1-4(L)		36" X 36"	N/A	SEE M.U.T.C.D. MANUAL	
7	22	W1-4(R)		36" X 36"	N/A	SEE M.U.T.C.D. MANUAL	

*NOT ALL SINGS ARE APPLICABLE

TRAFFIC CONTROL DEVICES

- TRAFFIC SIGN LOCATION
- TRAFFIC SIGN LOCATION
- TRAFFIC SIGN LOCATED ON STEEL OVERHEAD STRUCTURE
- "X" CODE NUMBER
- "Y" LOCATION NUMBER
- PLASTIC DRUM
- MOVABLE CONCRETE BARRIER
- FLASHING ARROW
- ARROW PANEL TRAILER

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

Date:
2026.07.14
20:31:32 -04'00'

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CARENERO WARD
LOTE L-141-1-60

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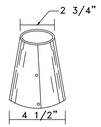
PLOT DATE: MAY 22, 2026 TIME:	SCALE: N.T.S
CAD DRAWING NAME: DRAWING: MY DOC\MERCADO\GUANICAFOM\.DWG	
XREF NAME: XREFS: COM-PLAN.DWG	PLOT SCALE: 1=1

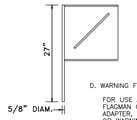
DRAWING TITLE

M.O.T
MAINTANANCE
OF TRAFFIC

DRAWING NO. MOT-9.0	SHEET NO. 9
	TOTAL NO. 10



FOR USE IN GUARDING WORK AREAS AT NIGHT THE SILVER COLORED REFLECTOR FITS OVER THE UPPER PART OF TRAFFIC CONES AND REFLECT LIGHTS.



D. WARNING FLAG

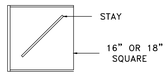
FOR USE A WARNING FLAG EITHER BY FLAGMAN OR ON D WARNING MAST WARNING ADAPTER, WARNING SIGN DEMOUNTABLE WARNING OR WARNING. FLAG BASE AVAILABLE IN RED COTTON CLOTH SIZES 16" AND 18".

H. WARNING FLAG

SAME AS D WARNING FLAG EXCEPT IN RED VINIL COATED NYLON.



FOR USE AS A WARNING TO PREVENT ACCIDENTS IN OR NEAR MANHOLES CONSISTS OF ALUMINUM PLATE WITH SPRINGS HOOKS FOR ATTACHING TO MANHOLE GUARDS.



C. WARNING FLAG

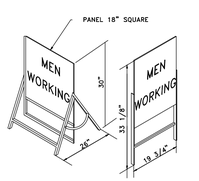
FOR USE WITH A B WARNING FLAG BRACKET OR WARNING FLAG CHAIN AS A WARNING AVAILABLE IN RED COTTON CLOTH IN SIZE 16" AND 18".

G. WARNING FLAG

SAME AS C WARNING FLAG EXCEPT IN RED VINIL COATED NYLON.

FOR USE AS A WARNING TO TRAFFIC.

WARNING SIGNS

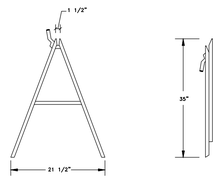


FOR USE AS A WARNING TO TRAFFIC SOCKET AT SIDE OF FRAME PROVIDES A SUPPORT FOR WARNING FLAG REFLECTIVE YELLOW BACKGROUND PROVIDE ONLY FOR D WARNING SING.

FRAME AND PANEL

WARNING SING	CONSTRUCTION	WEIGHT (LBS)
B	STEEL	25
C	ALUMINIUM	16
D	ALUMINIUM	16

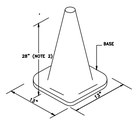
B, C AND D WARNING SIGNS



FOR USE IN PAIRS WITH A WOOD BOARD (NO FURNISHED) TO 2 1/2" THICK, IN PROTECTING WORK AREAS CONSISTS OF TWO COLLAPSIBLE "A" FRAME IS PROVIDE WITH A FLAG SOCKET AND LANTERN HOOK.



FOR USE A WARNING TO TRAFFIC ON MANHOLE GUARD EQUIPPED WITH SIGN SUPPORTING BRACKET, OR ON A "B" WARNING STAND ALL STEEL CONST. WITH UPPER AND OF SUPPORT TUBULAR TO ACOMODATED. THE WARNING FLAG STAFF.



TRAFFIC CONE

NOTES:

1– RED FLUORESCENT PLASTIC CONE FOR USE IN GIVIN DRIVERS OF VEHICLES ADVANCE NOTICE AS THEY ARE APPROACHING WORK AREAS AND TO GUIDE TRAFFIC GRADUALLY INTO CHANNALES AROUND THESE LOCATIONS WITH MINIMUM CONGESTION.

2– ALSO AVAILABLE IN 18" CONE WITH 13" SQUARE BASE.

BARRICADE

G E N E R A L N O T E S:

1) A SUITABLE PLAN FOR GUARDING THE WORK AREA SHOULD BE DEVELOPED BEFORE WORK IN THE AREA IS BEGUN. THIS MAY BE ACCOMPLISHED DURING THE JOB SITE VISIT PROVIDED FOR IN THE CONSTRUCTION CONTROL PLAN AT BUSY INTERSECTIONS ON HIGHWAYS AND CITY STREETS OR AT OTHER HEAVY TRAFFIC LOCATIONS, THE SUPERVISOR SHOULD PRESURVEY THE WORK LOCATION AND THEN DISCUSS THE PROTECTION PLAN WITH THE CRAFTSMEN BEFORE WORK IS STARTED.

2) THE DEVICES REQUIRED TO PROTECT A WORK AREA MOST BE CONSIDERED IN ADVANCE TO MEET THE INDIVIDUAL REQUIREMENTS OF THE JOB SITE. CRAFTSMEN FAMILIAR WITH AREA WHERE THE JOB IS TO BE PERFORMED SHALL EQUIP THEMSELVES WITH AN ADEQUATE SUPPLY OF WARNING DEVICES PRIOR TO STARTING A JOB SUPERVISORS CONDUCTING FIELD SURVEYS OF WORK TO BE PERFORMED AT A LATER DATE, SHOULD MAKE A ANOTATION ON THE FIELD JOB PLAN REPORT (FORCE MANAGEMENT PLANT) OF THE PROTECTIVE DEVICES REQUIRED TO ADEQUATELY PROTECT THE WORK AREA

3) STATE AND LOCAL LAWS AND ORDINANCES PERTAINING TO TRAFFIC CONTROL, WARNING SIGNALS, COLOR OF LENSES IN LIGHTING DEVICES, GUARDS AND SIMILAR DEVICES MUST BE COMPLIED WITH IT IS A GOOD PRACTICE TO NOTIFY LOCAL LAW ENFORCEMENT OFFICIALS WHEN A MINOR TRAFFIC DISLOCATION IS INVOLVED WHERE A MAJOR TRAFFIC DISLOCATION WILL OCCUR, SUCH AS BLOCKING A LANE ON A HIGHWAY OR A MAIN TRAFFIC ARTERY WITHIN A TOWN, THE POLICE FORCE HAVING JURIDICTION SHOULD BE CONSULTED BEFORE WORK IS BEGUN .

4) WHENEVER ROAD CONDITIONS PERMIT, SUFFICIENT WARNING CONES SHOULD BE PLACED TO OBTAIN A TAPER LENGTH IN FEET, OF 10 TIMES THE POSTED TRAFFIC SPEED (AT A POSTED SPEED OF 50 MPH, THE TAPER FORMED BY THE SPACED WARNING CONES SHOULD EXTEND 500 FEET FROM THE WORK AREA).

5) WHEN WORK IS PERFORMED DURING HOURS OF DARKNESS, BARRICADES WITH STEADY BURNING LIGHTS CAN BE USED IN ADDITION TO OR IN PLACE OF WARNING CONES FOR CHANNELING THE ON COMING TRAFFIC AROUND THE WORK AREA .

6) WHEN A VEHICLE IS USED IN GUARDING A WORK AREA, IT SHOULD BE CONSIDERED SUPPLEMENTAL TO ALL OTHER WARNING DEVICES NECESSARY TO ADEQUATELY SAFEGUARD THE AREA AND NOT AS A SUBSTITUTE FOR ANY DEVICE IN THIS WAY, THE WORK AREA IS PROTECTED SHOULD IT BE NECESSARY TO REMOVE THE VEHICLE.

7) THE AMOUNT OF WORK TO BE PERFORMED SHALL HAVE NO BEARING AS TO WHETHER OR NOT WORK AREA PROTECTION IS REQUIRED WARNING AND GUARDING DEVICES ARE TO BE PLACED WHENEVER WORK OF ANY DURATION IS PERFORMED IN A ROADWAY

8) WHEN MANHOLE WORK IS INVOLVED, PLACED TOOLS AND EQUIPMENT AT THE WORK AREA IN A POSITION TO PREVENT THEM FROM BEING PUSHED INTO THE MANHOLE .

9) IN ENTERING OR LEAVING MANHOLES, EMPLOYES ARE TO FACE THE DIRECTION OF ONCOMING TRAFFIC

10) FOR THE WARNINGS SINGS AND CONES LOCATION REFER TO "TABLE A" AND "TABLE B" ON THIS SHEET



TO STOP TRAFFIC



TRAFFIC PROCEED



TO ALERT AND SLOW TRAFFIC

USE OF HAND SIGNALS DEVICES BY FLAGMAN

VERY IMPORTANT NOTES:

1) CONTRACTOR MUST COMPLY WITH THE "MANUAL DE DISPOSITIVOS UNIFORMES PARA EL CONTROL DEL TRANSITO EN LAS VIAS PUBLICAS DE P.R." MOST RECENT EDITION AS REQUIRED BY D.T.P.W.

2) DURING THE CONSTRUCTION THE CONTRACTOR MUST ALWAYS PROVIDE FOR UNINTERRUPTED TWO–WAY TRANSIT.

TABLE B
SPACING FOR INITIAL WARNING SIGNS AND CONES

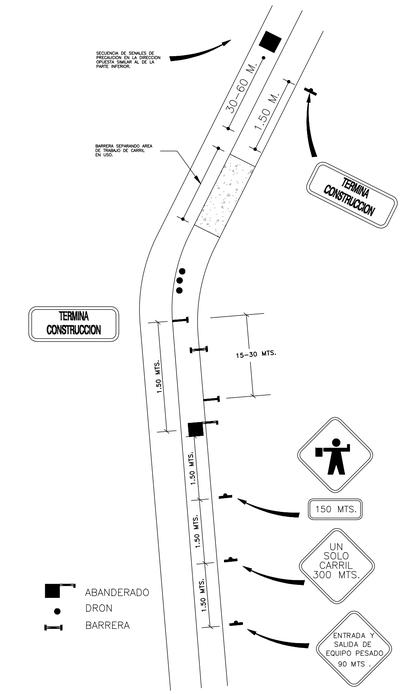
POSTED TRAFFIC SPEED (M.P.H.)	INITIAL SIGN DISTANCE (FEET)	CONE SPACING (FEET)
15 OR UNDER 20 25 30 35 40	*90 *120 *150 *180 *210 *240	10 20 25 30 35 40
45 OR ABOVE	NOTE 1	NOTE 2
EXPRESSWAY OR FREEWAY	3100	NOTE 2
ONE LANE TRAFFIC	SEE POSTED SPEED	NOTE 2

NOTES:

1) INITIAL WARNING SIGN TO BE PLACED AT A POINT 10 TIMES POSTED SPEED.

2) SAME AS POSTED SPEED.

* INITIAL WARNING SIGN TO BE PLACED AT A POINT 6 TIMES POSTED SPEED.



EXAMPLE OF TYPICAL CONSTRUCTION TRANSIT CONTROL

POSTED SPEED (MPH)	LANE CLOSED	INITIAL SIGN	SIGN SIZE	ADDITIONAL SIGN (SEE 204)	SIGN SIZE
40 OR UNDER	NO	MEN WORKING	30"	———	———
45 OR OVER	NO	MEN WORKING	48"	MEN WORKING	30"
	YES	LANE CLOSED	48"	MEN WORKING	30"
EXPRESSWAY OR FREEWAY	NO	MEN WORKING	48"	MEN WORKING	48"
	YES	LANE CLOSED	48"	LANE CLOSED OR MEN WORKING	48"
ONE LANE TRAFFIC	YES	LANE CLOSED	48"	LANE CLOSED OR MEN WORKING	30" OR 48"

NOTES TO CONSTRUCTION INSPECTOR AND CONTRACTOR:

1) IT IS THE CONSTRUCTION DEPARTMENT RESPONSIBILITY TO ENSURE THE ENFORCEMENT AND COMPLIANCE OF ALL SAFETY RULES INCLUDED IN THE BELL SYSTEM PRACTICE NUMBER 620–135–010, "GUARDING WORK AREAS" AS WELL AS ALL STATE AND/OR LOCAL RULES APPLICABLE

2) COPY OF THIS PRACTICE IS AVAILABLE UPON REQUEST FROM THE P.W. CONSTRUCTION DEPT

3) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL STATE OR LOCAL SAFETY REQUIREMENTS IN NO EVENT THE OMMISION OF ANY SUCH REQUIREMENT IN THESE NOTES WILL WAIVE THE CONTRACTOR TO COMPLY WITH THEM.

4) IN NO EVENT SHALL THE CONSTRUCTION INTERFERE WITH THE FREE TRANSIT OF VEHICULES AND/OR PEDESTRIAN

5) IN NO EVENT THE MATERIAL PRODUCT OF ANY EXCAVATION SHALL INTERFERE WITH THE FREE TRANSIT OF VEHICLES AND/OR PEDESTRIAN.

6) THE CONTRACTOR SHALL AT ALL TIMES TAKE ALL REASONABLE PRECAUTIONS FOR THE SAFETY OF EMPLOYEES ON THE WORK AND OF THE PUBLIC SHALL COMPLY WITH ALL APLICABLE PROVISIONS OF FEDERAL, COMMONWEALTH AND MUNICIPAL SAFETY LAWS, AND BUILDING AND CONSTRUCTION CODES WHEN APPLICABLE ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PUERTO RICO OCCUPATIONAL SAFETY AND HEALTH ACT (LAW NUMBER 16 APPROVED ON AUGUST 5, 1975) . THE CONTRACTOR SHALL PROVIDE AND UTILIZE EQUIPMENT AND APPROVED WORK PROCEDURES WHICH GUARANTEE THE PERFORMANCE OF THE DISPOSITION OF THE GENERAL INDUSTRY OSHA SAFETY AND HEALTH STANDARDS (29 CFR 1910) AND THE SAFETY AND STANDARDS APPLICABLE TO THE CONSTRUCTION INDUSTRY (10 OSHO 1926).

7) CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC MAINTENANCE PLAN FOR APPROVAL PRIOR ANY CONSTRUCTION ACTIVITY ON THE ROADS. THE TRAFFIC MAINTENANCE PLAN SHALL BE BASED ON THE DOCUMENT TITLED "TRAFFIC STUDY RIO BLANCO OFFSTREAM RESERVOIR, RIO BLANCO WARA NAGUABO, PUERTO RICO" PREPARED BY GMA

GENERAL CONDITIONS FOR SECURITY DURING CONSTRUCTION AS REQUIRED BY D.T.P.W.

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO
GOVERNMENT OF PUERTO RICO

Miguel A. Bonilla Martínez
Ingeniero
Licencia
14 139378
Puerto Rico
Fecha de Expiración: 2026-06-30

Date:
2026.07.14
20:31:56 -04'00'

MIGUEL A. BONILLA, P.E.

Yo, Ingeniero Miguel A.Bonilla, número de licencia 6105, certifico que soy el profesional que diseño estos planos y las especificaciones complementarias. Tambien certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del reglamento conjunto y las disposiciones aplicables de los reglamentos y codigos de construcción vigentes en la jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con mi debido conocimiento, me hace responsable de cualquier acción judicial y disciplinaria que tome la OGPe y otras agencias concernidas, incluyendo, pero sin limitarse a la terminación de la participación en los procedimientos de certificación profesional en la OGPe.

CARENERO WARD
LOTE L-141-1-60

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	G. VELEZ
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DRAWING TITLE

MOT MAINTANANCE OF TRAFFIC DETAILS AND NOTES

DRAWING NO.	SHEET NO.
MOT–10.0	10
	TOTAL NO. 10