

REPAIR EXISTING PRIMARY LINE AT CSJTC, SALINAS, P.R.



DEPARTMENT OF THE ARMY PUERTO RICO ARMY NATIONAL GUARD

BG MIGUEL A. MENDEZ ACTING ADJUTANT GENERAL

COL ALFREDO ZAPATA GARRISON COMMANDER

LTC JOSÉ E. VELÁZQUEZ CARLO **DPW DIRECTOR**

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DIRECTORATE OF PUBLIC WORKS CAMP SANTIAGO JOINT TRAINING CENTER

STATE ROAD PR 1 INT. 154 KM 89.5 TEL. (787) 289-1400 EXT. 7050



GENERAL NOTES:

1. THESE GENERAL NOTES ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES.

2. REFER TO THE GENERAL CONDITIONS AND DIVISION 1 "GENERAL REQUIREMENTS IN THE SPECIFICATIONS.

3. CONTRACTOR AND ALL TRADES SHALL NOTE REQUIREMENTS OF "GENERAL NOTES" ON ALL SHEETS.

4. WHERE INFORMATION MAY BE AT VARIANCE BETWEEN PLANS AND SPECIFICATIONS, THE PLANS SHALL GOVERN. HOWEVER, IF CERTAIN INFORMATION IS NOTED ONLY ON THE PLANS OR ONLY IN THE SPECIFICATIONS, THE INFORMATION WILL BE CONSIDERED AS VALID AS BEING NOTED ON PLANS AND IN THE SPECIFICATIONS.

5. THE CONTRACTOR SHALL VISIT THE PROJECT SITE TO VERIFY EXISTING CONDITION AND IDENTIFY VISIBLE PROBLEM AREAS OR DIFFICULTIES IN ORDER TO INCLUDE ALL COST IN BASE BID.

6. IF SPACE IS AVAILABLE, THE OWNER MAY PERMIT THE CONTRACTOR TO STORE SOME MATERIALS, EQUIPMENTS AND TOOLS ON THE SITE IN AN AREA APPROVED BY THE OWNER. THE CONTRACTORS ACCEPTS FULL RESPONSIBILITY FOR ANY AND ALL STORED MATERIALS, EQUIPMENTS AND TOOLS.

7. THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND GRADE CONDITIONS, (BOTH NEW AND EXISTING) REPORTING ANY DISCREPANCIES TO THE ARCHITECT/ ENGINEER PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH ANY PHASE OF THE WORK.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS (UNLESS NOTED OTHERWISE) AND WORKMANSHIP IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL BUILDING CODES AND THEIR REQUIREMENTS.

9. GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ARCHITECT/ENGINEER APPROVAL FOR ALL ITEMS CALLED FOR OR INDICATED ON PLANS BUT NOT SPECIFICALLY DETAILED. WHERE FURTHER CLARIFICATION FOR CONSTRUCTION IS REQUIRED, THE ARCHITECT/ ENGINEER WILL SUBMIT DETAILS ON REQUEST.

10. ALL WORK SHALL BE DONE IN A THOROUGH AND WORKMANLIKE MANNER IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS AND DRAWINGS. THE LATEST EDITION OF THE APPLICABLE CODES (FOR ANY SPECIFIC WORK) SHALL BE FALLOWED EXCEPT WHERE LOCAL REGULATIONS ARE MORE STRINGENT IN WHICH CASE LOCAL REGULATIONS SHALL GOVERN.

11. THE CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT/ENGINEER PRIOR TO FABRICATION OR INSTALLATION OF STRUCTURAL MEMBERS.

12. REFER TO ALL CONSTRUCTION DOCUMENTS FOR REQUIREMENTS WHICH MAY AFFECT THE WORK IN ANOTHER DISCIPLINE AND COORDINATE WORK.

13. DIMENSIONS ARE FACE OF CONCRETE, FACE OF MASONRY, AND CENTER LINE OF ANY PARTITIONS UNLESS INDICATED OTHERWISE.

14. SEE ARCHITECTURAL DRAWINGS FOR TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES, BATHROOM ACCESSORIES AND MISCELLANEOUS ITEMS AMONG OTHERS.

15. REFER TO DETAILS FOR ADDITIONAL DIMENSIONAL INFORMATION.

16. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, FLOOR SLOPES AND THE LOCATION OF DEPRESSED FLOOR AREAS.

17. ELEVATIONS INDICATED ON THE GENERAL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, FIRE PROTECTION AND PLUMBING DRAWINGS AMONG OTHERS ARE BASED ON AN ASSIGNED REFERENCE ELEVATION OF THE CURRENT FINISH FLOOR ELEVATION. THE ACTUAL FIRST FLOOR ELEVATIONS ARE BASED ON THE DATUM SHOWN ON THE TOPOGRAPHIC AS-BUILT, EXISTING GRADING PLAN AND/OR THE PROPOSED GRADING PLAN SHEETS.

18. PRINCIPAL OPENINGS IN THE STRUCTURE ARE SHOWN ON THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR REQUIRED OPENINGS AS THEY SHALL BE PROVIDED FOR WHETHER SHOWN ON THESE DRAWINGS OR NOT. GENERAL CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH ALL SUB-CONTRACTORS PRIOR TO CONSTRUCTION.

19. DOOR JAMBS SHALL BE LOCATED 6" FROM CORNER IN STUD PARTITIONS AND 8" FROM CORNER IN MASONRY PARTITIONS UNLESS INDICATED OTHERWISE.

20. PROVIDE BLOCKING IN WALLS AS NECESSARY WHERE CASEWORK, SHELVES, HANDRAILS AND MISCELLANEOUS EQUIPMENT ARE LOCATED.

21. EACH TRADE TO PROVIDE SMOKE OR FIRE SEALANT AT PENETRATIONS AS REQUIRED FOR WALL TYPE. ALL SEALANT, FIRE STOPPING AND SMOKE STOPPING ASSEMBLIES SHALL BE U.L. RATED.

22. DO NOT SCALE DIMENSIONS FROM DRAWINGS. THE CONTRACTOR SHALL REQUEST, FROM THE ARCHITECT/ ENGINEER NECESSARY DIMENSIONS NOT SHOWN ON THE DRAWINGS.

23. IF ANY BIDDER IS IN DOUBT AS TO THE INTENT OF THE PLANS OR SPECIFICATIONS, THEY SHALL REQUEST AN INTERPRETATION FROM THE ARCHITECT/ENGINEER IN WRITING AT LEAST TEN (10) DAYS PRIOR TO THE BID DATE.

24. THE WORD "PROVIDE" MEANS "FURNISH AND INSTALL".

25. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR

ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE. ALL APPLICABLE SAFETY REGULATIONS TO BE FOLLOWED STRICTLY.

26. THE STRUCTURE AS BEEN DESIGNED TO RESIST DESIGN LOADS ONLY AS A COMPLETED STRUCTURE. APPLICATIONS OF CONSTRUCTION LOADS TO THE PARTIALLY COMPLETED STRUCTURE SHALL BE CONSIDERED BY THE CONTRACTOR AND SO INCLUDED IN THE DESIGN OF SHORING, BRACING, FRAMEWORK, AND ANY OTHER SUPPORTING ELEMENTS PROVIDED FOR CONSTRUCTION OF THE STRUCTURE. DURING ERECTION AND UNTIL ALL PERMANENT CONNECTIONS ARE MADE, THE CONTRACTOR MUST PROVIDE TEMPORARY BRACING FOR THE STRUCTURE IN ALL DIRECTIONS.

27. SEE PLANS AND SPECIFICATIONS FOR ALL WORKS REQUIRING INSPECTION, TESTING AND/OR CERTIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THOSE WORKS.

28. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN CLEAN AT ALL TIME THE CONSTRUCTION SITE. THE CONTRACTOR ALSO SHALL BE RESPONSIBLE OF REMOVE AND DISPOSE OUT OF THE PUERTO RICO ARMY NATIONAL GUARD PROPERTY ALL THE DEBRIS AND GARBAGE GENERATED BY THE CONSTRUCTION WORKS.

29. THE CONTRACTOR SHALL MADE ALL REASONABLE EFFORTS TO RECYCLE AND RECOVER CONSTRUCTION AND DEMOLITION WASTE FROM THE PROJECT. A MINIMUM OF 50% BY WEIGHT, OF TOTAL PROJECT SOLID WASTE SHALL BE DIVERTED FROM THE LANDFILL IN ACCORDANCE WITH THE EXECUTIVE ORDER 13423 "STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY AND TRANSPORTATION MANAGEMENT" JANUARY 24, 2007.

30. THE CONTRACTOR SHALL PROVIDE ON-SITE INSTRUCTIONS FOR SEPARATING, HANDLING, RECYCLING SALVAGE, REUSE AND RETURN METHODS TO BE USED BY ALL PARTIES AT THE APPROPRIATE STAGES OF THE PROJECT. RECORDS SHALL BE MAINTAINED TO DOCUMENT THE QUANTITY OF WASTE DISPOSED OF BY LANDFILL OR INCINERATION. THE CONTRACTOR SHALL SUBMIT THIS REPORT AND THE DISPOSAL MANIFESTO OF ALL NON-HAZARDOUS CONSTRUCTION AND DEMOLITION WASTE GENERATION.

31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING, FOLLOW UP AND OBTAINING ALL APPLICABLE PERMITS (FOR EXAMPLE BUILDING, CONSTRUCTION AND ENVIRONMENTAL AMONG OTHERS) FOR THE REALIZATION OF THE PROJECT AS PER JOINT PERMIT REGULATIONS FOR BUILDING PERMITS AND LAND USE ADOPTED BY THE PERMIT MANAGEMENT OFFICE (OGPE IN SPANISH) UNDER LAW 161 AND FOR ANY AUTONOMOUS MUNICIPÁLITY OF THE COMMONWEALTH OF PUERTO RICO. INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

CONSTRUCTION PERMIT, DEMOLITION PERMIT, GENERAL CONSOLIDATED PERMIT, ELECTRICAL GENERATOR PERMIT, FORMAL EARTH CRUST EXTRACTION PERMIT, SIMPLE EARTH CRUST EXTRACTION PERMIT AND/OR SIGN INSTALLATION PERMITS AMONG OTHERS.

32. IN ALL CORRESPONDENT AREAS, EXAMPLE FOR DEMOLITION, NEW CONSTRUCTION OR INSTALLATION OF DOORS AND WINDOWS, ALTHOUGH NOT LIMITED TO THESE WORKS, THE CONTRACTOR WILL BE RESPONSIBLE FOR PATCHING AND REPAIRING WITH PLASTER FINISH FOR MATCH WITH EXISTING WALL.

SCOPE OF THE PROJECT:

As a result of the passage of the hurracane Fiona through Puerto Rico, the 4160 kv primary line suffered damage on the main bridge affecting the distribution of the service. the proyect requests the removal od the H-6 pole and its cables that are lying in the river, the installation of two new H-6 poles to feed the primary through the bridge.

GENERAL SYMBOLS LEGEND:

DISTRIBUTION UTILITY POLE, CONCRETE H-6, EXISTING, POINT OF CONNECTION

EXISTING PRIMARY ELECTRICAL LINE

NEW PRIMARY ELECTRICAL LINE

UNDERGROUND LINE 3-PHASES. COPPER 750 KCMIL WITH #4/0 for gound in 6" PVC SCHEDULE 80 COUNDUIT AND SPARE 15 KV INSULATION SEE ONE LINE FOR SPECS.



EXISTING ELECTRICAL POLE

NEW H6 CONCRETE ELECTRICAL POLE

CERTIFIED: _____ DIRECTORATE OF ENGINEERING Δ Ľ ä \triangleleft Ś \supset Ċ < Ζ 0 _ ► Z O ~ < ≻ **DNIN** Ζ Ш NOT Σ Ц 4 0 C — 0 S **H** Ш \supset Δ DESIGN: ING. VICTOR SANCHEZ DRAWN: C.MONTOYO SUPERVISOR: LTC JOSE VELAZQUEZ DATE: SCALE: 20221108 SHEET: TOTAL SHEETS: SHEET NAME: G - 01





LEGEND	 EXISTING PRIMARY ELECTRICAL LINE 4,160 KV NEW PRIMARY CONDUCTOR 13,200 V TYPE ACSR 266.8MCM AWG UNDERGROUND LINE 3-PHASES. COPPER 750 KCMIL WITH #4/0 FOR GOUND IN 6" PV SCHEDULE 80 COUNDUIT AND SPARE 15 KV INSULATION SEE ONE LINE FOR SPECS. EXISTING ELECTRICAL POLE NEW H6 CONCRETE ELECTRICAL POLE 	c						
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			PUERTO RICO ARMY NATIONAL GUARD	CALLE GENERAL ESTEVES #100, SAN JUAN PUERTO RICO 00901 - 2104	TO REPAIR EXISTING PRIMARY LINE AT CSJTC	CAMP SANTIAGO JOINT TRAINING CENTER, SALINAS, PR	SHEET TITLE: GENERAL NOTES 1	NO. DESCRIPTION DATE NO. DESCRIPTION DATE NO. DESCRIPTION DATE
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<u>BRIDGE ANCHOR DETAIL (EVERY 10'-0" TYP)</u>

7 1/8"

