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Date	
Description	
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GEORGIA PORTS AUTHORITY	
GCT CAPACITY IMPROVEMENTS - PHASE 2	
ELECTRICAL UNDERGROUND CONDUIT DETAILS	

Rev	
Date	12/01/20
Designed by	JAG
Dwn by	BRL
Chd by	DAW
Reviewed by	JHP
Submitted by	MOFFATT & NICHOL
MMN Project No.	5531-264B
GPA Project No.	1910-1011C
Drawing Scale	AS NOTED
Plot Scale	1:1 (0 SHEET)

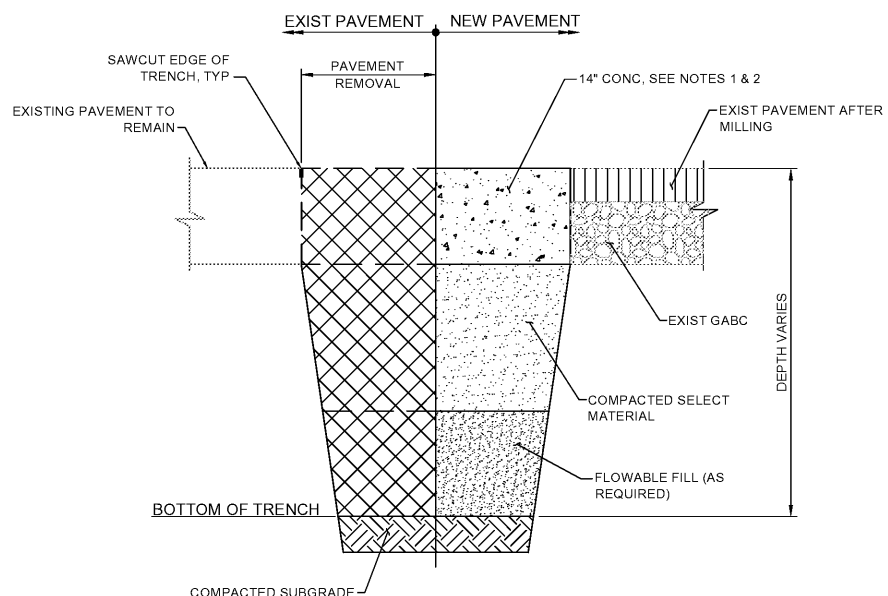
2 EAST BRYAN ST., STE 501 SAVANNAH, GA 31401 912.231.0044
MOFFATT & NICHOL

SEAL

Sheet Reference No.
E-503
INDEX: OF

GENERAL SHEET NOTES

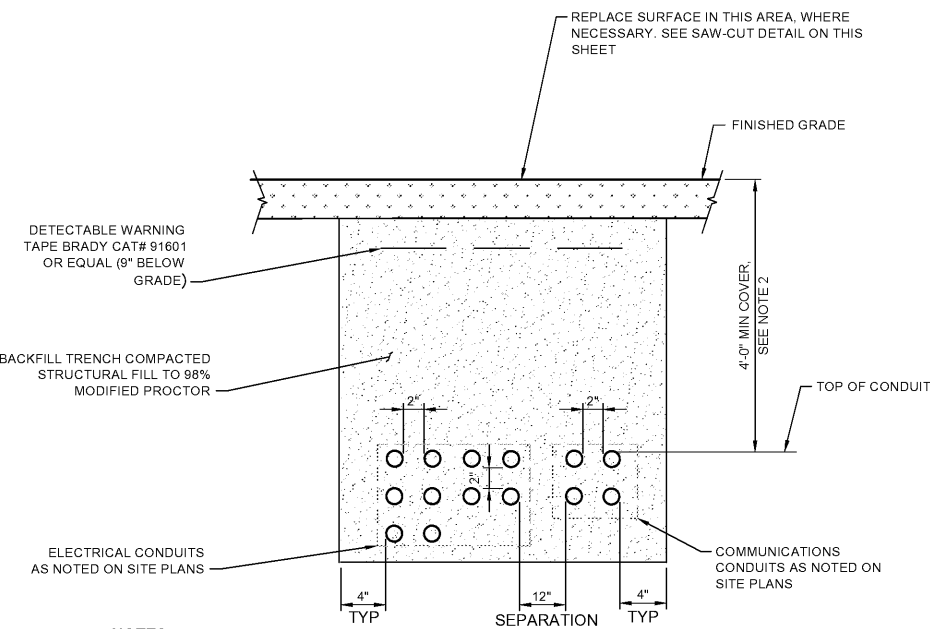
- SEE SHEET E-001 FOR ELECTRICAL GENERAL NOTES.
- SEE SHEET E-002 FOR ABBREVIATIONS AND LEGEND.
- SEE SHEET FOR E-601 ELECTRICAL ONE-LINE DIAGRAM.



NOTES

- TOP OF CONCRETE TO MATCH TOP OF EXISTING PAVEMENT. PAVEMENT REPAIR SHALL BE USED FOR TRENCHING AND OVER VAULTS.
- CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 03300 IF SPECIFICATIONS ARE PROVIDED FOR PROJECT.

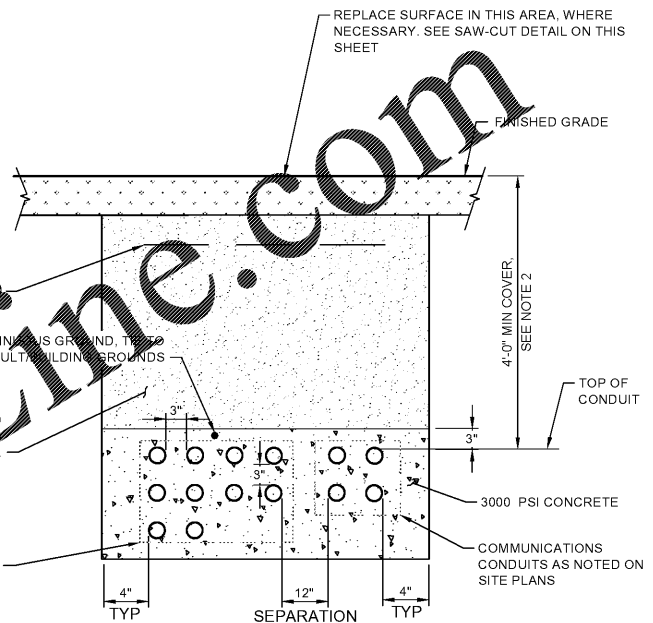
C1 SECTION - TYPICAL SAWCUT DETAIL
SCALE: NTS



NOTES

- REFER TO PLAN LAYOUTS AND CABLE SCHEDULE FOR CONDUIT/CIRCUIT TYPE, QUANTITY, AND DUCT BANK STYLE.
- 48" MINIMUM DEPTH, EXACT DEPTH TO BE COORDINATED WITH CIVIL, STRUCTURAL, AND EXISTING CONDITIONS. DEPTH LESS THAN 48" MUST BE APPROVED BY ENGINEER.
- REFER TO CABLE SCHEDULE, FOR CONDUIT GROUPING DETERMINATION. ALL VOLTAGE DESIGNATIONS 120V AND ABOVE SHALL BE GROUPED WITH ELECTRICAL CONDUITS. CIRCUITS CONNECTED AT LESS THAN 120V WILL BE GROUPED WITH OTHER COMMUNICATIONS CONDUITS.
- PROVIDE 48" MINIMUM COMPACTED BACKFILL COVER OF ALL DUCTBANKS AND UNDERGROUND CONDUIT.

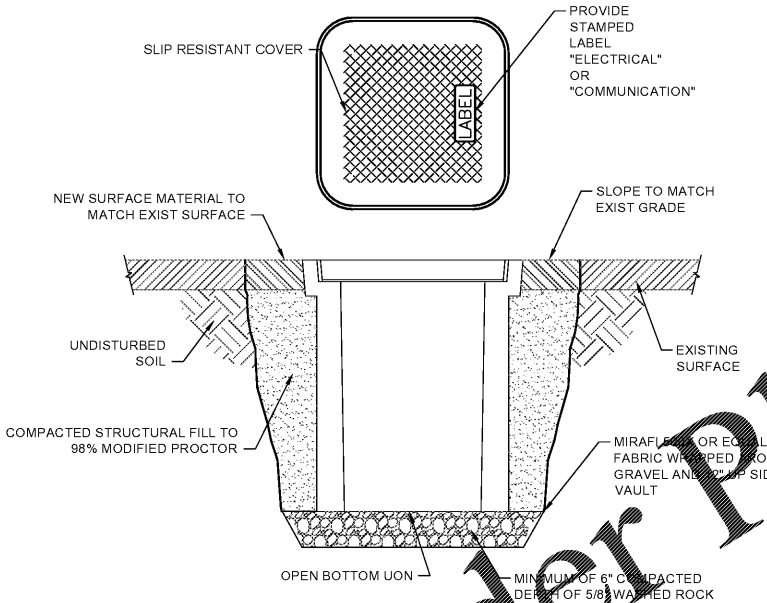
C3 SECTION - UNDERGROUND CONDUIT
SCALE: NTS



NOTES

- REFER TO PLAN LAYOUTS AND CABLE SCHEDULE FOR CONDUIT/CIRCUIT TYPE, QUANTITY, AND DUCT BANK STYLE.
- 48" MINIMUM DEPTH, EXACT DEPTH TO BE COORDINATED WITH CIVIL, STRUCTURAL, AND EXISTING CONDITIONS. DEPTH LESS THAN 48" MUST BE APPROVED BY ENGINEER.
- REFER TO CABLE SCHEDULE, FOR CONDUIT GROUPING DETERMINATION. ALL VOLTAGE DESIGNATIONS 120V AND ABOVE SHALL BE GROUPED WITH ELECTRICAL CONDUITS. CIRCUITS CONNECTED AT LESS THAN 120V WILL BE GROUPED WITH OTHER COMMUNICATIONS CONDUITS.
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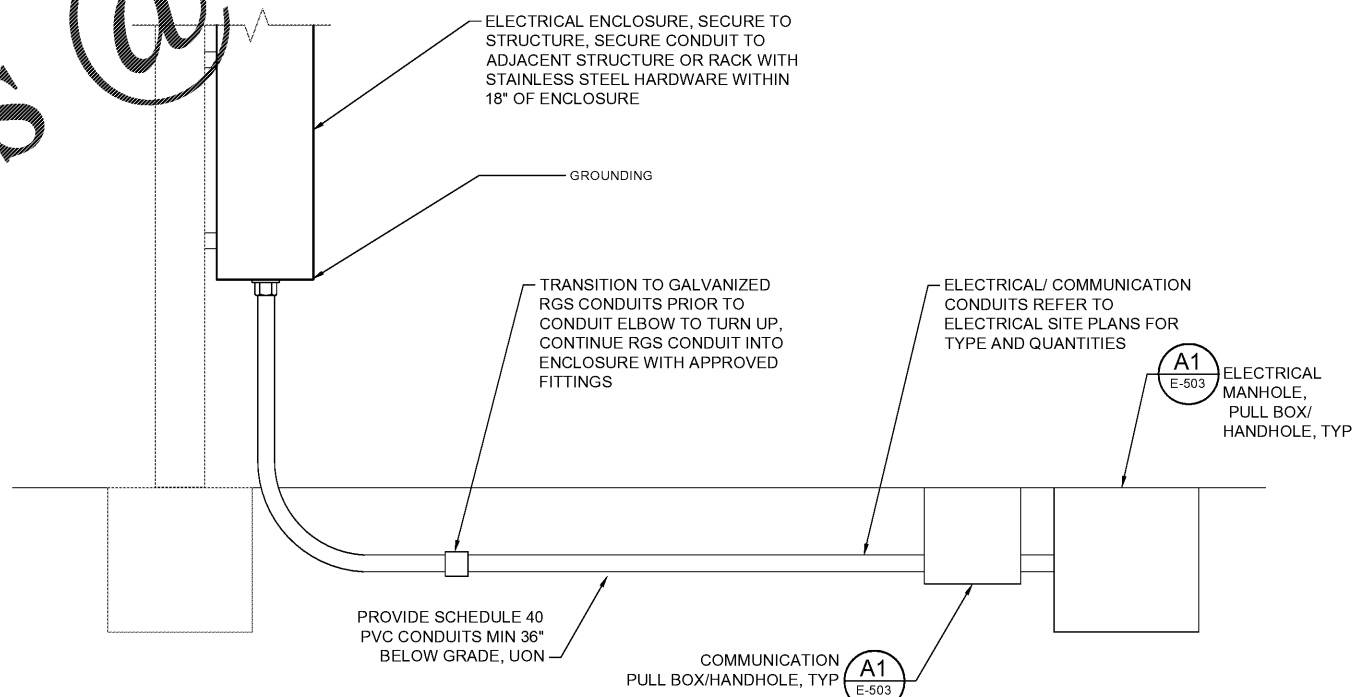
C5 SECTION - DUCT BANK
SCALE: NTS



NOTES

- EXCEPT WHERE INDICATED OTHERWISE, HANDHOLES SHALL BE QUAZITE PG STYLE, 24" x 24" x 24"D, WITH ANSI TIER 22 LOAD RATING. HANDHOLES DESIGNATED IN PLANS AS "TYPE 4" SHALL BE 24" x 36" x 36"D.
- GROUT SPACE AROUND DUCTBANKS AFTER CONDUITS ARE INSTALLED.
- COVER SHALL BE FURNISHED WITH RECESSED BOLTS, OPENING DEVICES AND SAFETY SUPPORT ARMS.
- OVERLAP GEOTEXTILE FABRIC (MIRAFI 500 OR EQUAL) 1'-0" UNDER STRUCTURE.
- ALL WIRING SPLICING SHALL BE WATERPROOF SPLICING AND CONDUITS SEALED.
- PROVIDE CONDUIT TAGS WITH CABLE SCHEDULE NUMBER ON EACH CONDUIT AND WIRE ENTERING AND LEAVING PULL BOX.

A1 DETAIL - QUAZITE HANDHOLE
SCALE: NTS



A3 DETAIL - UNDERGROUND CONDUIT TO EQUIPMENT CONNECTION
SCALE: NTS

BID ISSUE
ISSUED: 2021-02-03
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

File: Q15V15531-264-2020 Capacity Improvements600 C1CDL_Acctel_Phase2_2020 Post_Elec15531264E-503_Plot.dwg 2/3/2021 12:37 AM by GREGG, ALAN / Saved: 1/25/2021 8:47 PM by BUCKEY