

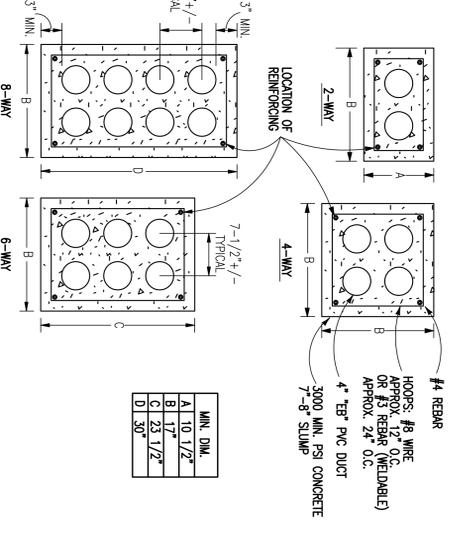
GENERAL NOTES
(THIS DETAIL ONLY)

A. SIDES OF TRENCH TO BE PROPER WIDTH AND TRIMMED SMOOTH TO ALLOW A MINIMUM OF 3 INCHES SPACE BETWEEN SIDE OF TRENCH AND OUTSIDE OF DUCT FOR CONCRETE.

B. BOTTOM OF TRENCH TO BE GRADED SMOOTH AND SLOPED AS SHOWN ON THE DUCT LINE AND MANHOLE CONSTRUCTION DRAWINGS.

C. INSTALL BASE SPACER SO AS TO PROVIDE 3 INCHES SPACE BETWEEN BOTTOM OF TRENCH AND BOTTOM ROW OF DUCTS FOR CONCRETE.

METHOD OF ASSEMBLING DUCTS IN TRENCH
SCALE: NONE



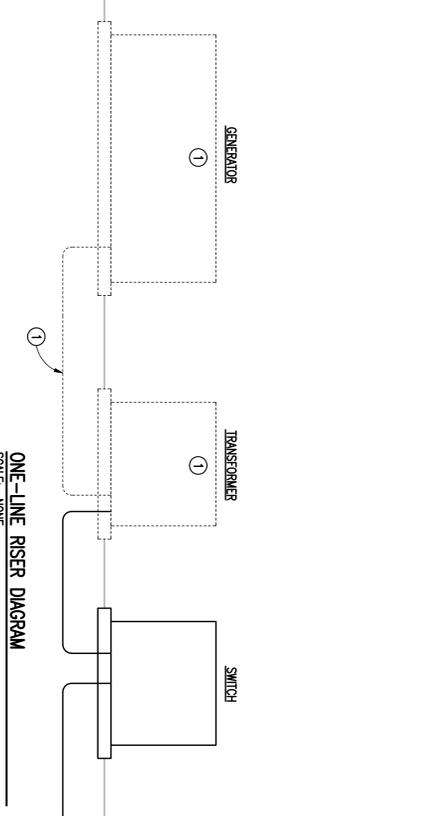
GENERAL NOTES - TRENCH

A. WIDTH OF TRENCH, BASE COURSE & PAVEMENT VARIES BASED ON EXISTING METHOD. USED BY THE CONTRACTOR. REPAIRS TO SURFACES FOR DIRECT BURIED CABLE OR CABLE IN CONDUIT ARE TO BE COMPLETED USING THE SAME METHODS FOR DUCTBANK INSTALLATIONS (SHOWN).

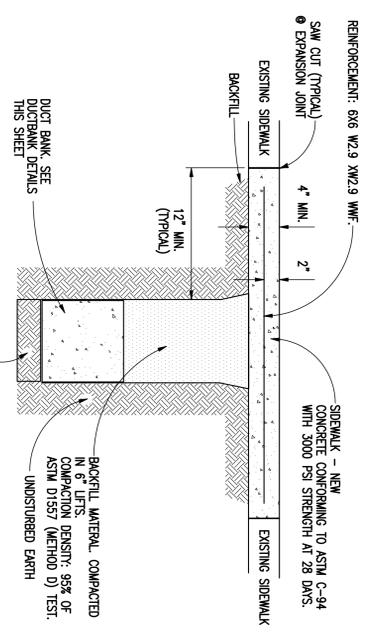
B. FOR DUCTBANK REFER TO DUCTBANK DETAILS THIS SHEET.

C. SLOPE SIDES AS REQUIRED FOR SITE CONDITIONS TO PREVENT CREEP-INS PER CSA.

TYPICAL REINFORCING & DIMENSIONS CONCRETE ENCASED POWER OR COMMUNICATIONS DUCT BANK
SCALE: NONE



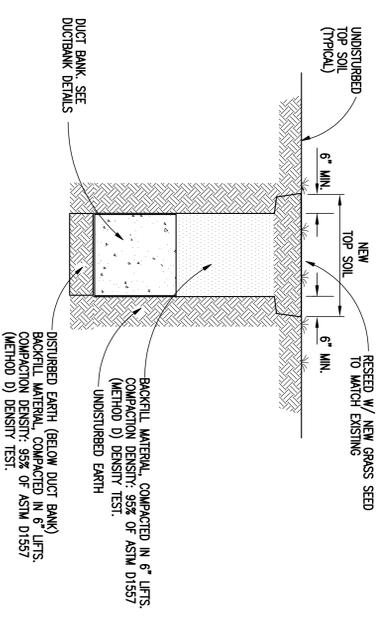
ONE-LINE RISER DIAGRAM
SCALE: NONE



GENERAL NOTES:
(THIS DETAIL ONLY)

- CONTROL JOINTS: CUT 1/4" GROUE 1" DEEP FULL WIDTH OF SIDEWALK, SPACING BETWEEN JOINTS TO BE EQUAL TO WIDTH OF SIDEWALK.
- NEW TO EXISTING JOINT: COAT EXISTING CONCRETE WITH EPOXY RESIN MEETING THE REQUIREMENTS OF ASTM C881 TYPE II GRADE 2.
- SEE GENERAL NOTES - TRENCH, THIS SHEET.
- FINISH OF SIDEWALK PATCH TO MATCH EXISTING.

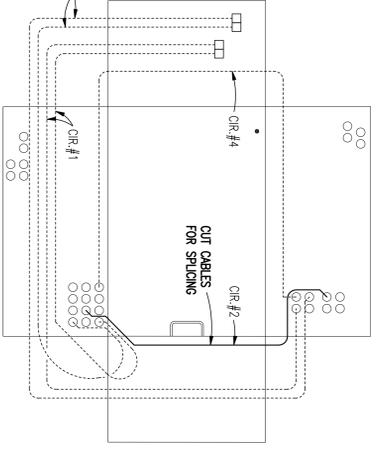
SIDEWALK REPAIR DETAIL
SCALE: NONE



GENERAL NOTES:
(THIS DETAIL ONLY)

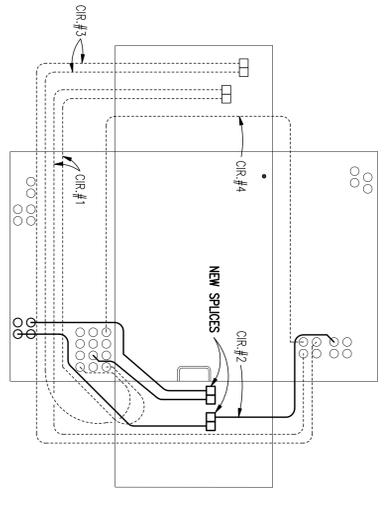
- SEE GENERAL NOTES - TRENCH, THIS SHEET

TOPSOIL REPLACEMENT DETAIL
SCALE: NONE



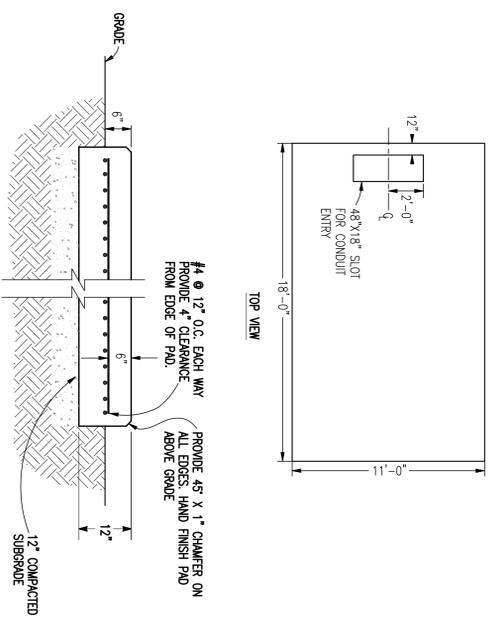
DEMOLITION MANHOLE 1A
SCALE: NONE

ALL CIRCUITS IN MANHOLE ARE 3500KOHM, 15KV, CU TAPE SHIELD CABLE WITH #4/0 XHHW, 600V NEUTRAL.



NEW WORK MANHOLE 1A
SCALE: NONE

ALL CIRCUITS IN MANHOLE ARE 3500KOHM, 15KV, CU TAPE SHIELD CABLE WITH #4/0 XHHW, 600V NEUTRAL.



GENERAL NOTES:
(TRANSFER SWITCH PAD DETAIL ONLY)

A. CONCRETE SHALL BE 3000 PSI @ 28 DAYS.

TRANSFER SWITCH PAD DETAIL
SCALE: NONE

Revisions

NO.	DATE	DESCRIPTION

APPLIED ENGINEERING SOLUTIONS, INC.
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TECHNICON ENGINEERS/ARCHITECTS
MACON & ATLANTA

GOVERNOR'S OFFICE
STATE OF GEORGIA

GOVERNOR'S OFFICE
STATE OF GEORGIA

DETAILS ELECTRICAL
CONNECT 500 TON CHILLER TO ELECTRICAL SYSTEM

Project Title: CONNECT 500 TON CHILLER TO ELECTRICAL SYSTEM
Location: CARL VINSON VA MEDICAL CENTER, DUBLIN, GEORGIA

Project No.: 557-09-109
Drawing No.: E1.2
Date: December 2, 2011

Approved Project Director: [Signature]
Checked: GSW
Drawn: SJB

Sheet: 3 of 4

Veterans Administration