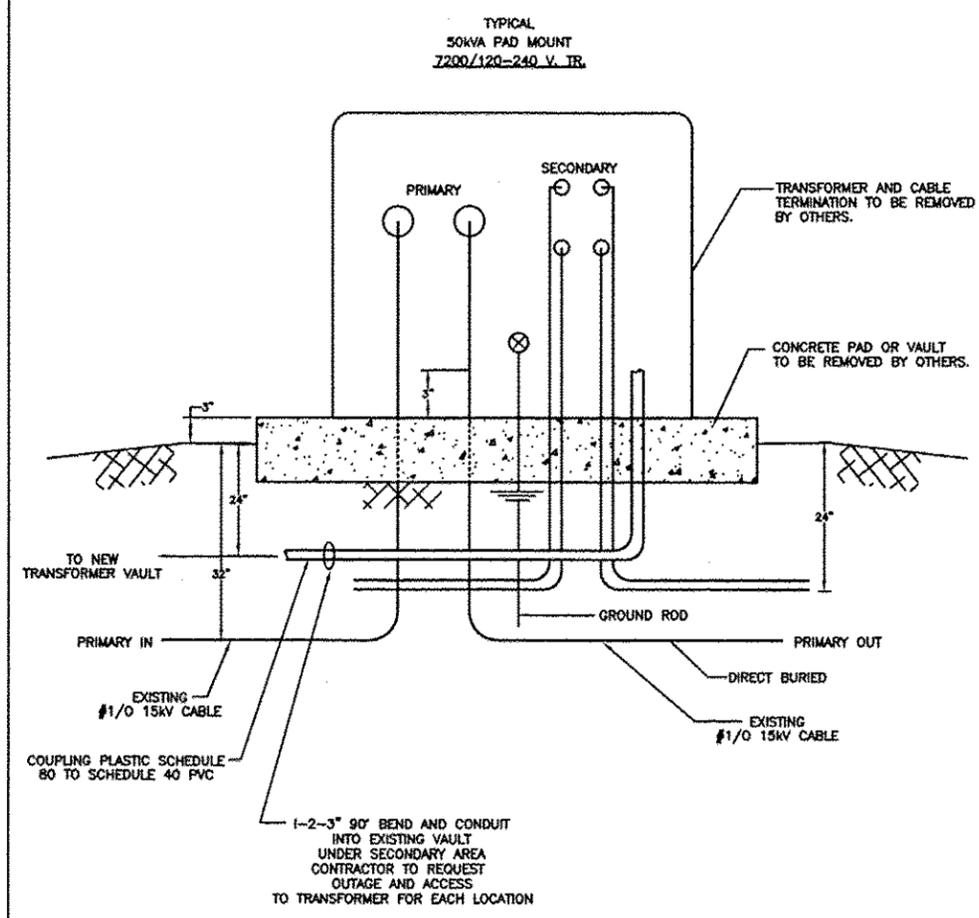


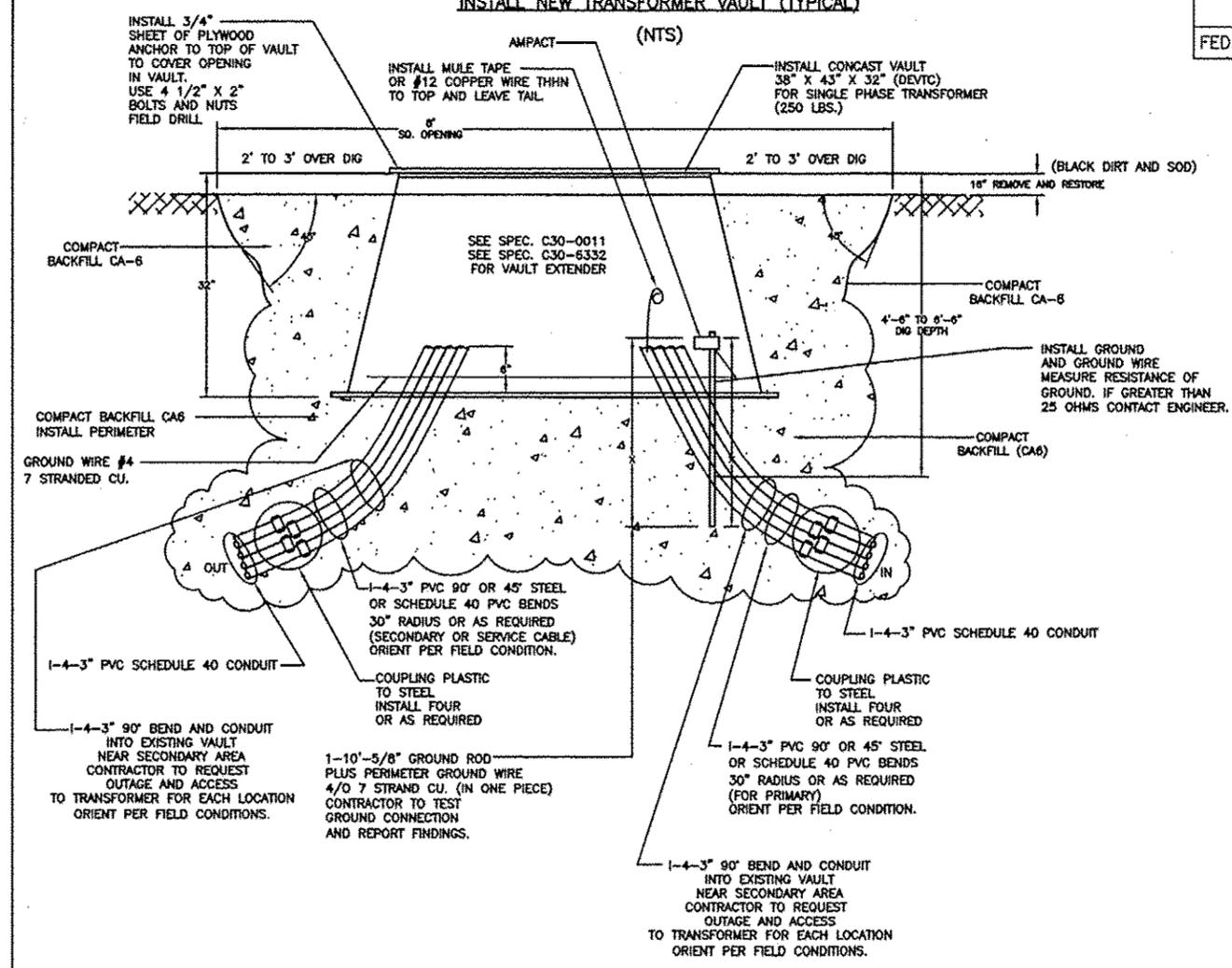
EXISTING TRANSFORMER CONNECTION DETAIL



- NOTES:**
- 1) THIS DRAWING SHOWS AN EXISTING TRANSFORMER WITH CABLE INSTALLED WITH MATERIAL LIST.
 - 2) CONTRACTOR TO OBTAIN OUTAGE OF TRANSFORMER PRIOR TO DOING ANY WORK.
 - 3) CONTRACTOR TO INSTALL 3", 5" AND 6" CONDUIT INTO EXISTING AS SPECIFIED IN SPECIFICATIONS CAP AND PLUGS ALL CONDUITS.
 - 4) ALL GROUNDING CONNECTIONS AND TERMINATORS SHALL BE INSPECTED TO DETERMINE CONDITION OF CONNECTIONS BY THE CONTRACTOR REPORT FINDING.

NAPERVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	EXISTING TRANSFORMER CONNECTION DETAIL	DATE: 04-04-08 Page 1 of 1 60488-600
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INSTALL NEW TRANSFORMER VAULT (TYPICAL)



NOTES:

- 1) INSTALL 3/4" CUT TO FIT PLYWOOD OVER OPENING HOLD DOWN WITH 4 BOLTS & NUTS 1/2" HOLES. FIELD DRILL VAULT AND POLYWOOD.
- 2) ESTIMATED WEIGHT - 300 LBS.
- 3) VAULT MATERIAL - FIBERCRETE FORMED.
- 4) INSTALL TOP OF VAULT 6" ABOVE FINAL GRADE.
- 5) INSTALL 2 TO 7 (3" DIA) SCHEDULE 40 90° ELBOWS OR 3" DIA. GALVANIZED ELBOWS INTO VAULT. CONTACT CITY ELECTRICAL ENGINEER (630) 420-6190 FOR LOCATION OF THE ELBOWS IN THE VAULT AND ORIENTATION OF VAULT.
- 6) INSTALL 1-5/8" DIA. X 10'-0" LONG GROUND RODS FOR EACH VAULT. LOCATE ONE ROD AT A CORNER. INSTALL 6" FROM THE CORNER. GROUND ROD TO BE DRIVEN 6" BELOW FINISHED GRADE.
- 7) INSTALL PERIMETER GROUND WIRE #4/0, 7 STRANDS COPPER AND ATTACH TO ONE ROD. (ONE CONTINUOUS PIECE. APPROXIMATELY 16' OF WIRE).
- 8) CONTRACTOR TO ESTABLISH ELEVATION AND LEVEL.
- 9) CONTRACTOR SHALL SUPPORT AND REROUTE UTILITIES AS REQUIRED.
- 10) CA-6 BACKFILL TO BE PLACED 360° AROUND TRANSFORMER VAULT MINUS SURFACE RESTORATION.
- 11) ALL EXCAVATED MATERIAL TO BE REMOVED OFF SITE.
- 12) BENDS TO BE INSTALLED PER FIELD CONDITIONS.
- 13) CUT HOLE IN VAULT AS REQUIRED TO INSTALL CONDUIT.
- 14) INSTALL PLUG FITTING AND TAPE ON ALL CONDUIT BENDS.
- 15) INSTALL VAULT EXTENDER PER C30-6332 (DEVAE).

NAPERVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	INSTALL NEW TRANSFORMER VAULT (TYPICAL)	DATE: 04-04-08 Page 1 of 1 60488-610
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PROJECT TITLE						ROUTE 59 ROAD IMPROVEMENTS					
PROJECT DESCRIPTION						DETAILS AND STANDARDS					
ENGINEER	BCC	DRAWING DATE	5-11-12	MAP #	4211,4212,4223	SCALE	N.T.S.				
DESIGN BY	DL	DRAWN BY	PSM	REVISIONS DATE	N/A	PROJECT #	EU-12				
CHECKED BY		APPROVED BY		CAD FILE	00606480010153.DWG	SHEET #	53 OF 63				
Naperville						Department of Public Utilities Electric Division					
						WORK REQUEST # 60468					