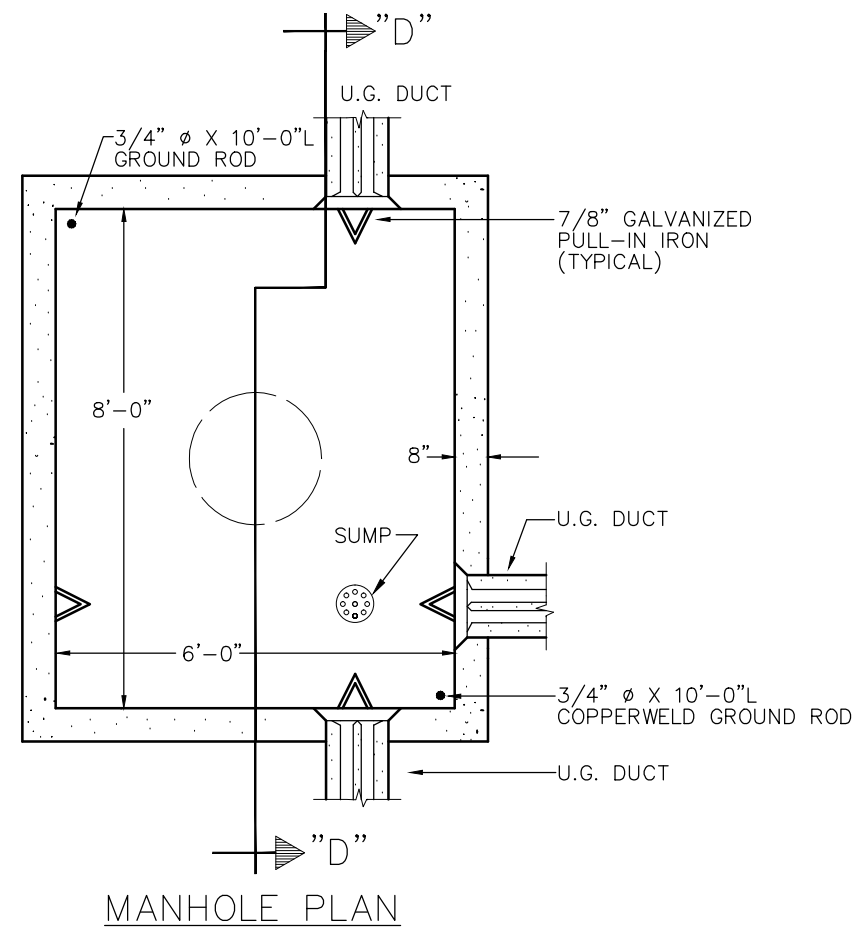
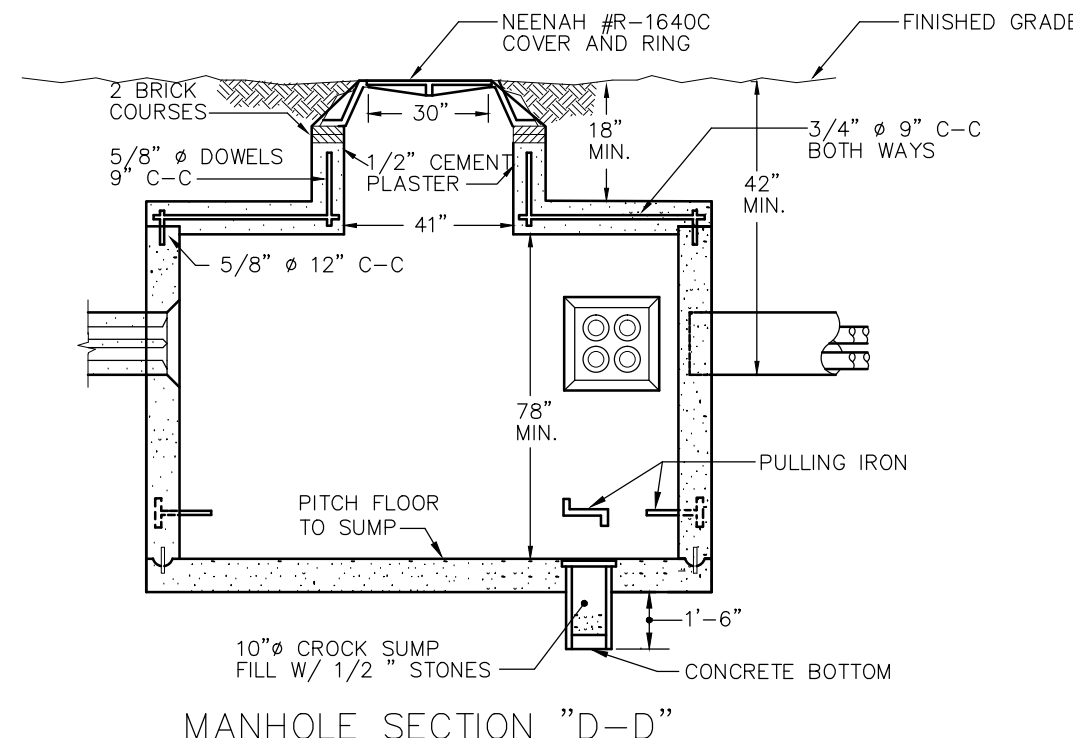


ISSUED FOR	DATE
BIDS/PERMITS	5.12.17
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-

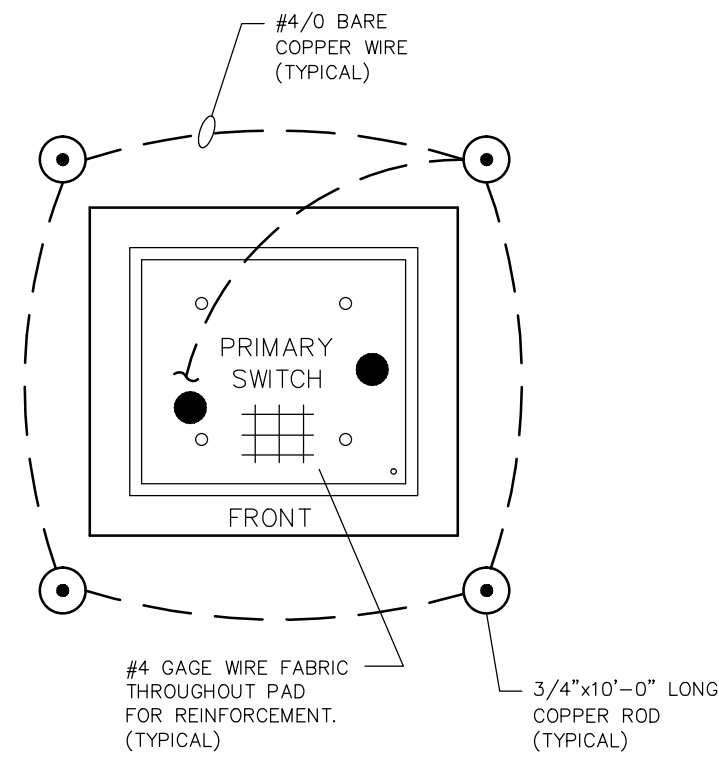
DRAWN: AGT	
DESIGNED: LK	
CHECKED: LK	
APPROVED: LK	
DATE: 4.3.17	
PROJECT No. XXX	
ACADFILE: XXX	
SHEET No. E-3	



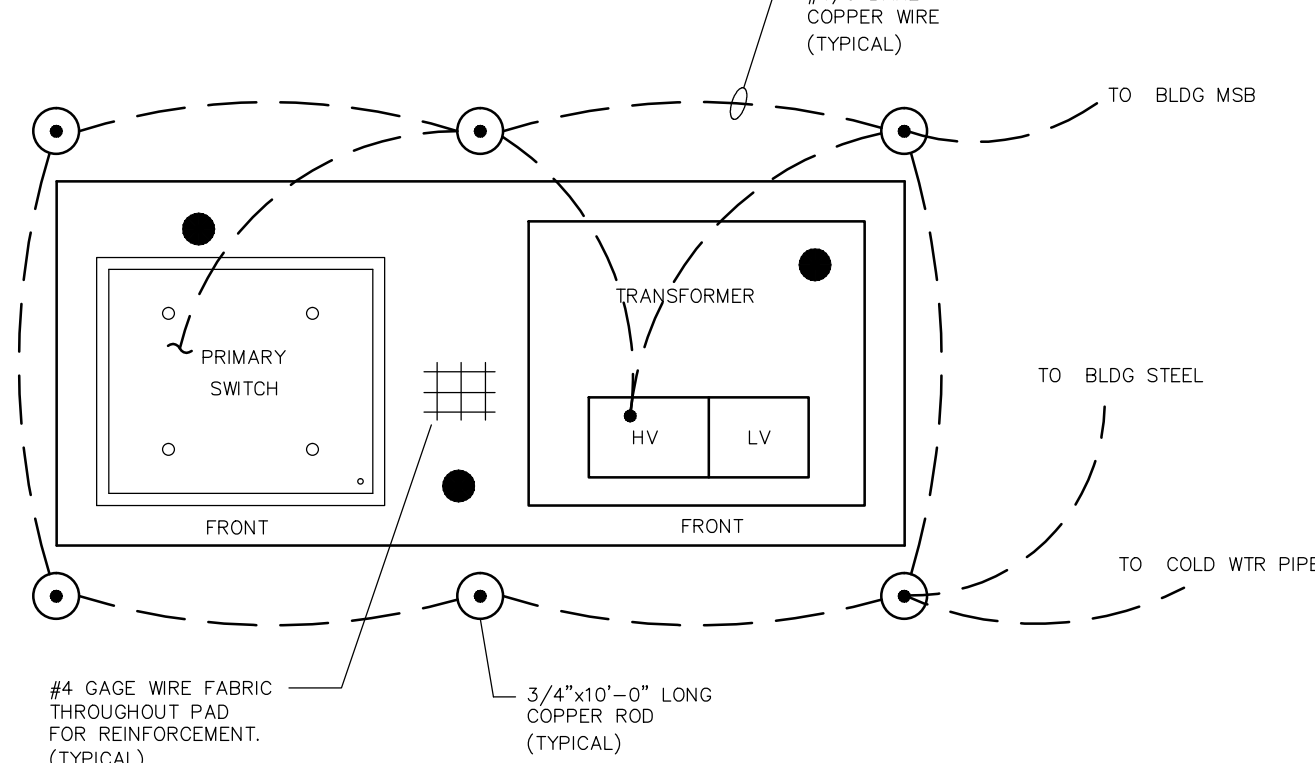
TYPICAL MANHOLE DETAIL  
NO SCALE



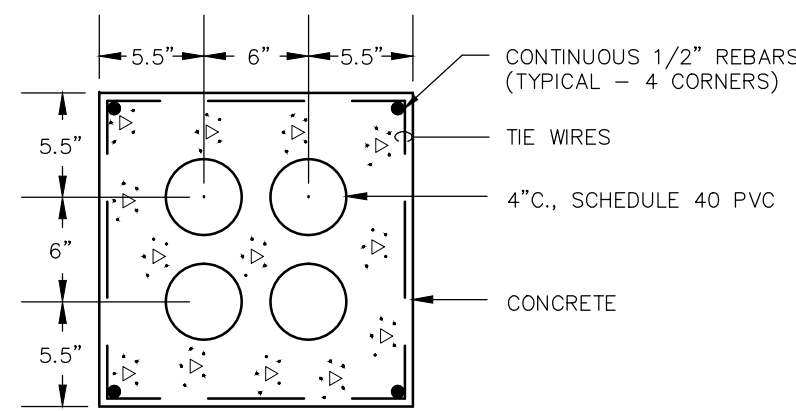
MANHOLE SECTION "D-D"



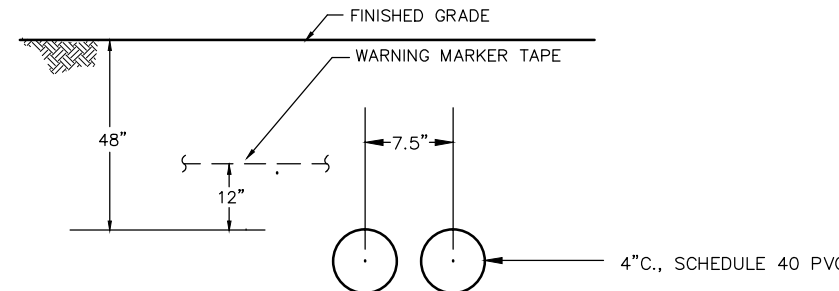
INDIVIDUAL PR. SWITCH GROUNDING DETAIL  
NO SCALE (TYP)



TRANSFORMER & PRIMARY SWITCH GROUNDING DETAIL  
(TYP)

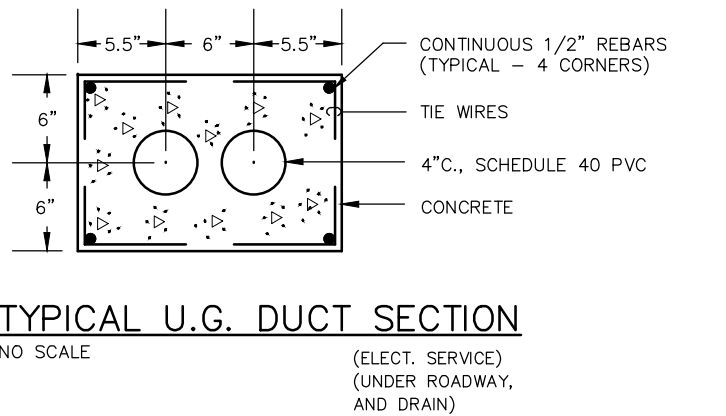


TYPICAL U.G. DUCT SECTION  
NO SCALE (ELECT. SERVICE) (UNDER ROADWAY, AND DRAIN)

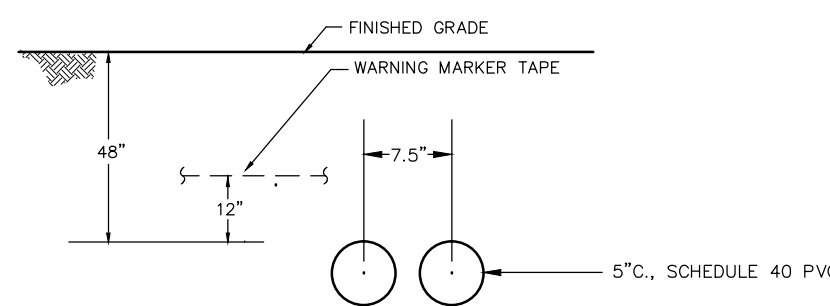


U.G. DUCT - DETAIL "B"  
NO SCALE (TELEPHONE SERVICE)

SITE ELECTRICAL GENERAL NOTES:  
1.



TYPICAL U.G. DUCT SECTION  
NO SCALE (ELECT. SERVICE) (UNDER ROADWAY, AND DRAIN)



U.G. DUCT - DETAIL "A"  
NO SCALE (ELECT. SERVICE)

SITE ELECTRICAL GENERAL NOTES

1. ALL NEW UNDERGROUND DUCTS SHALL PITCH DOWN TO DRAIN INTO MANHOLES.
2. ALL NEW UNDERGROUND DUCTS SHALL BE PVC PLASTIC.
3. ALL GRADE SURFACES SHALL BE CUT, PATCHED, REPLACED, REFINISHED, AND RESTORED TO ORIGINAL CONDITION. NEW DUCT BANKS SHALL BE INSTALLED WITH WELL TAMPED LAYERS OF SAND TO MATCH EXISTING CONDITIONS.
4. ALL NEW CONSTRUCTION SHALL BE CONFIRMED AND COORDINATED WITH THE OWNERS FIELD REPRESENTATIVE.
5. MINIMUM BENDING RADIUS FOR ALL 4", SHALL BE 3'-0".
6. LOCATION AND ELEVATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED PRIOR TO ANY EXCAVATION.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL EXISTING UNDERGROUND SERVICES WITH OWNER PRIOR TO ANY EXCAVATION. HAND DIO IN THESE LOCATIONS.
8. ALL SPARE CONDUITS INSIDE NEW OR EXISTING MANHOLES SHALL BE PLUGGED TO AVOID POSSIBLE WATER LEAKS INTO THE BUILDING(S).
9. CONDUITS UNDER ROADWAYS AND WITHIN 10'-0" OF ENTERING A BUILDING SHALL BE RIGID GALVANIZED STEEL (RGS). ALL CONDUIT BENDS SHALL BE RIGID GALVANIZED STEEL.

