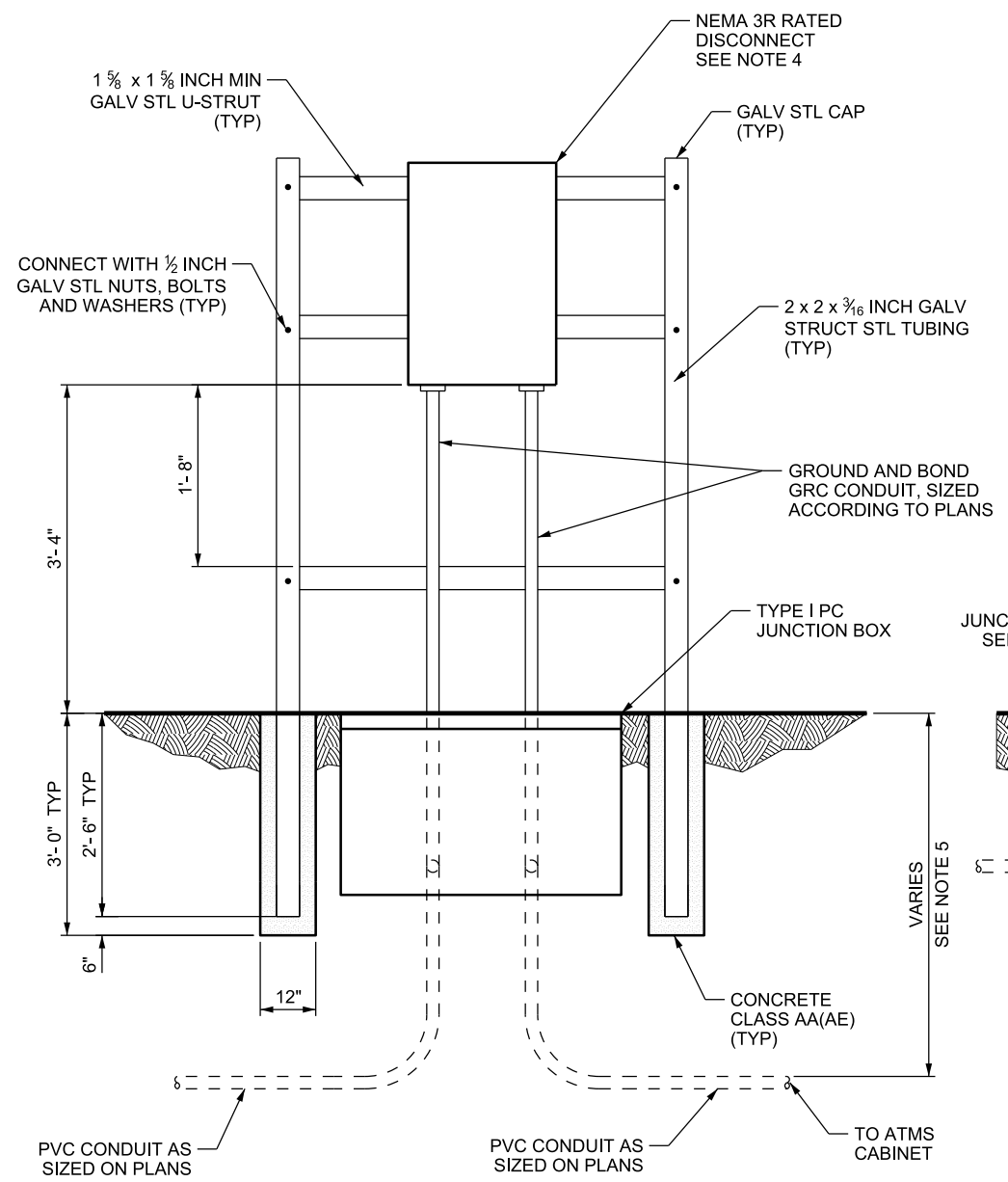
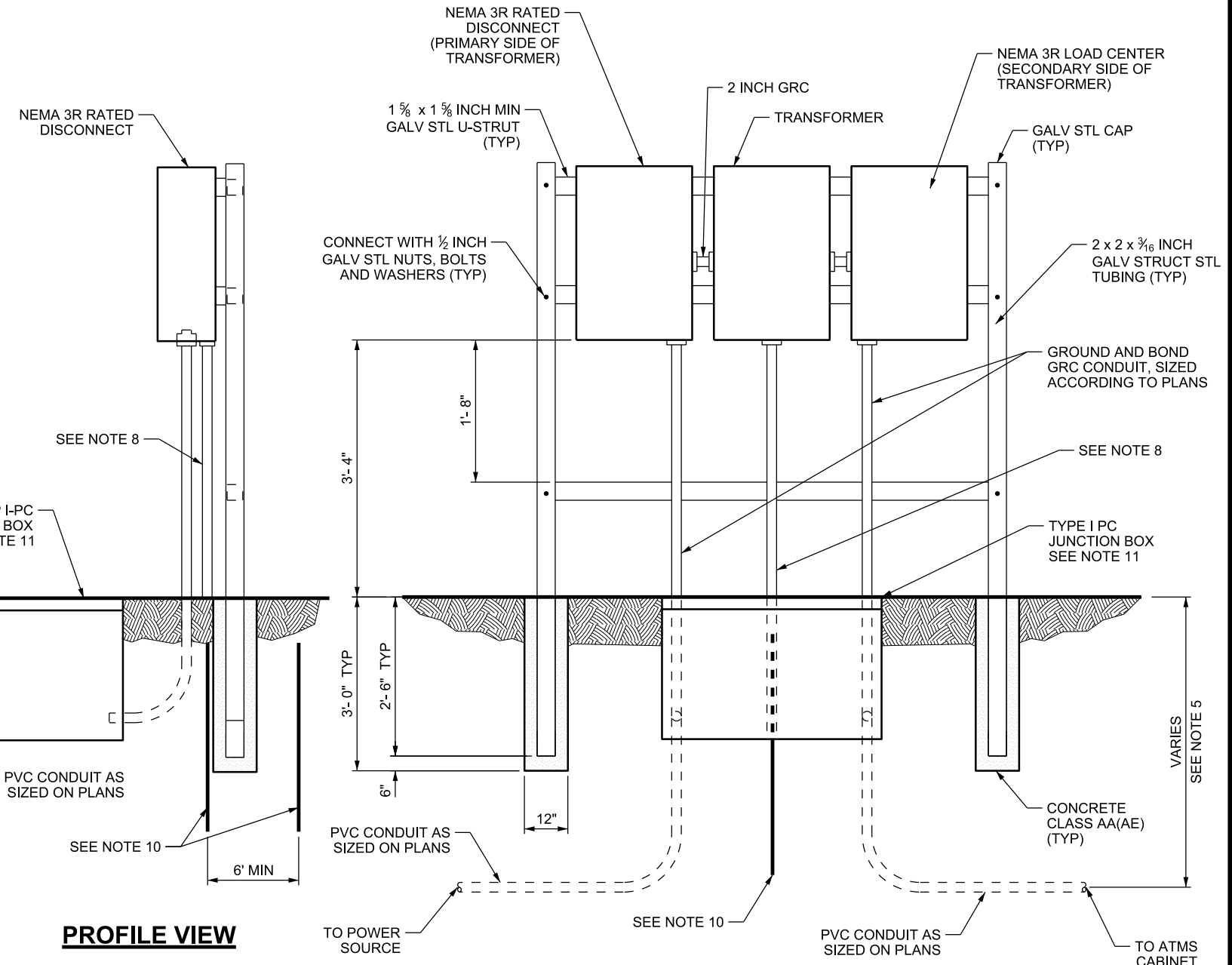


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**A SUPPLEMENTAL DISCONNECT FRAME**



**B SUPPLEMENTAL DISCONNECT WITH TRANSFORMER FRAME**

**PROFILE VIEW**

**NOTES:**

1. LOCATE FRAME 10 TO 15 FT FROM CABINET AND ATMS EQUIPMENT.
2. ROUND OFF SHARP EDGES OF STRUCTURAL TUBING. PAINT CUT ENDS OF FRAMING STRUTS WITH ZINC RICH PAINT.
3. APPLY CORROSION PROTECTION TO PORTION OF STRUT BELOW GRADE.
4. ATTACH TRANSFORMER, DISCONNECT AND LOAD CENTER TO FRAMING STRUT WITH WATERTIGHT GASKETS AND GALVANIZED HARDWARE.
5. REFER TO STANDARD SPECIFICATION 13553 FOR CONDUIT DEPTH.
6. USE ONLY FACTORY PRODUCED CONDUIT SWEEPS.
7. SIZE ENCLOSURE TO ACCOMMODATE CONDUIT SIZES PER PLAN.
8. INSTALL 1 INCH SCHEDULE 80 PVC AS PROTECTION FOR GROUNDING ELECTRODE CONDUCTOR.
9. ALL MATERIALS USED MUST BE RATED FOR THE VOLTAGE AND CURRENT AS SHOWN.
10. INSTALL 2 EACH 10 FT X 3/4 INCH GROUND RODS DIRECTLY BELOW SUPPORT FRAME, SPACED MINIMUM 6 FT APART AT TRANSFORMER LOCATIONS. INSTALL 6 AWG COPPER GROUNDING ELECTRODE CONDUCTOR BETWEEN GROUND RODS 6 INCHES BELOW GRADE AND BOND TO TRANSFORMER SECONDARY ACCORDING TO NEC ARTICLE 250 REQUIREMENTS.
11. LOCATE TYPE I PC JUNCTION BOX MINIMUM 6 FT AND MAXIMUM 10 FT FROM FRAME.

SUPPLEMENTAL DRAWING

REVISIONS		NO.	DATE	APPR.	REMARKS
1	08/31/17	MMA			CORRECTED DIMENSION ERROR, ADDED REFERENCE TO NOTE 11
2	10/25/18	JBY			CORRECTED CALL OUT, NOTE 1, ADDED

**UTAH DEPARTMENT OF TRANSPORTATION**  
 STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
 SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL  
*[Signature]*  
 CHAIRMAN STANDARD COMMITTEE  
 APPROVED

OCT 25, 2018  
 DATE

OCT 25, 2018  
 DATE

DEPUTY DIRECTOR

**ATMS CABINET AND EQUIPMENT DISCONNECT AND TRANSFORMER FRAME**

STANDARD DRAWING TITLE