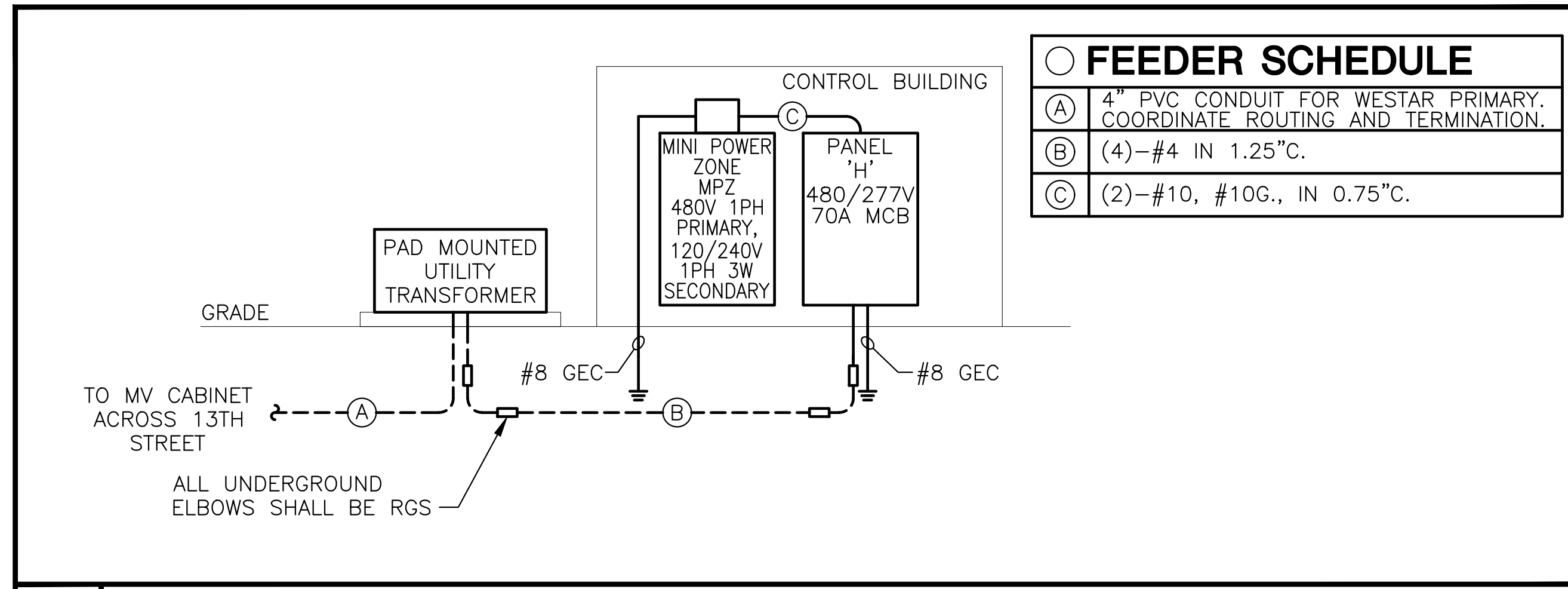
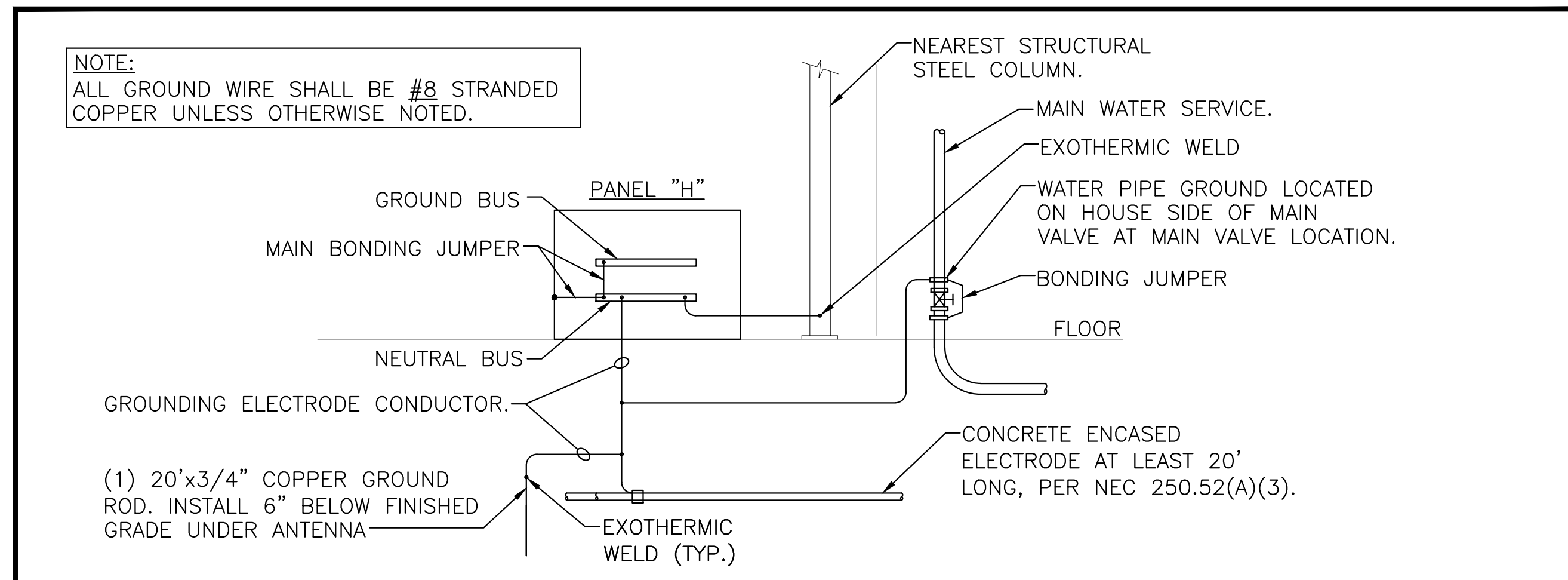


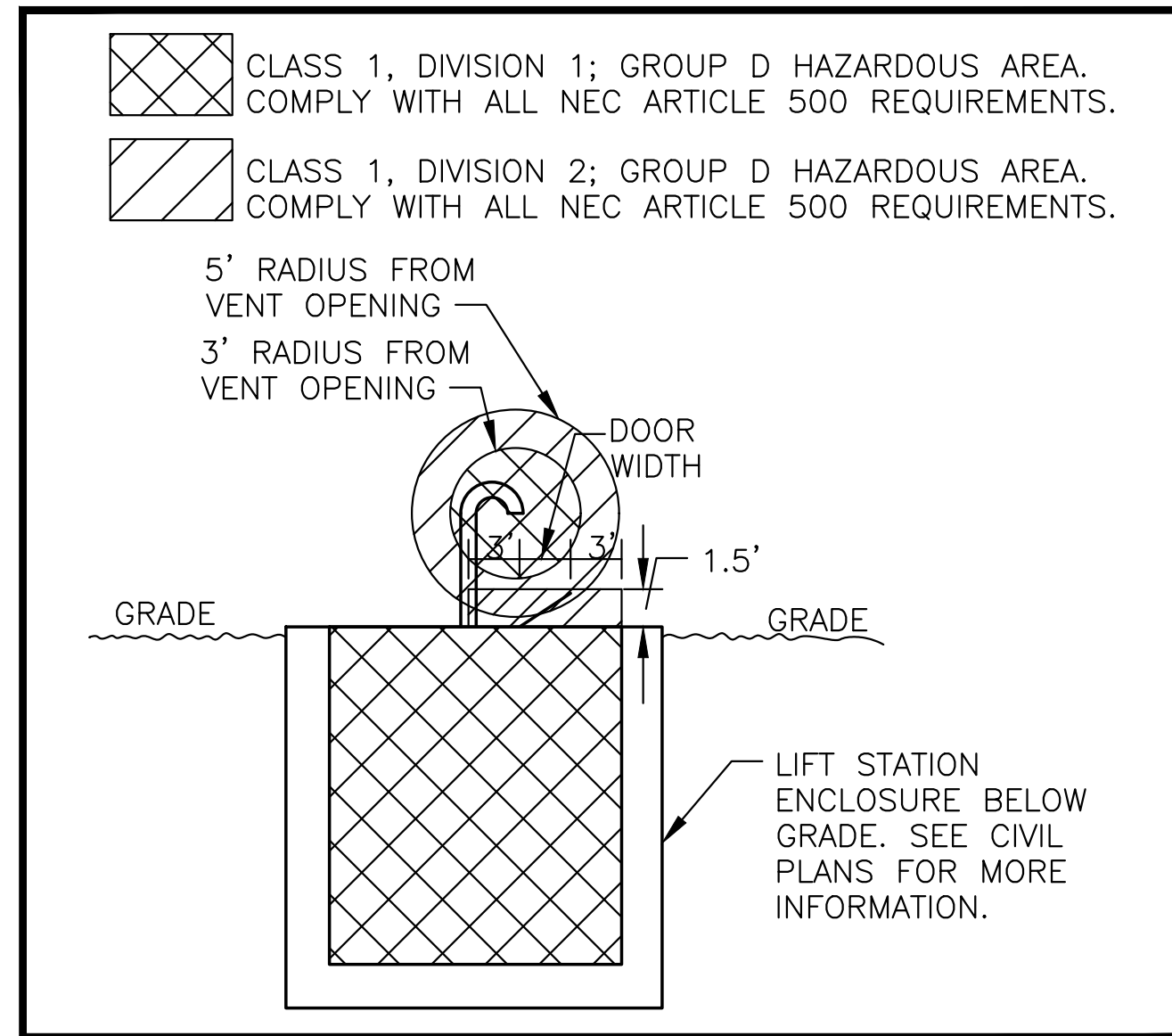
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 PLOTTED: Tuesday, January 15, 2019 @ 03:19PM  
 MKEC



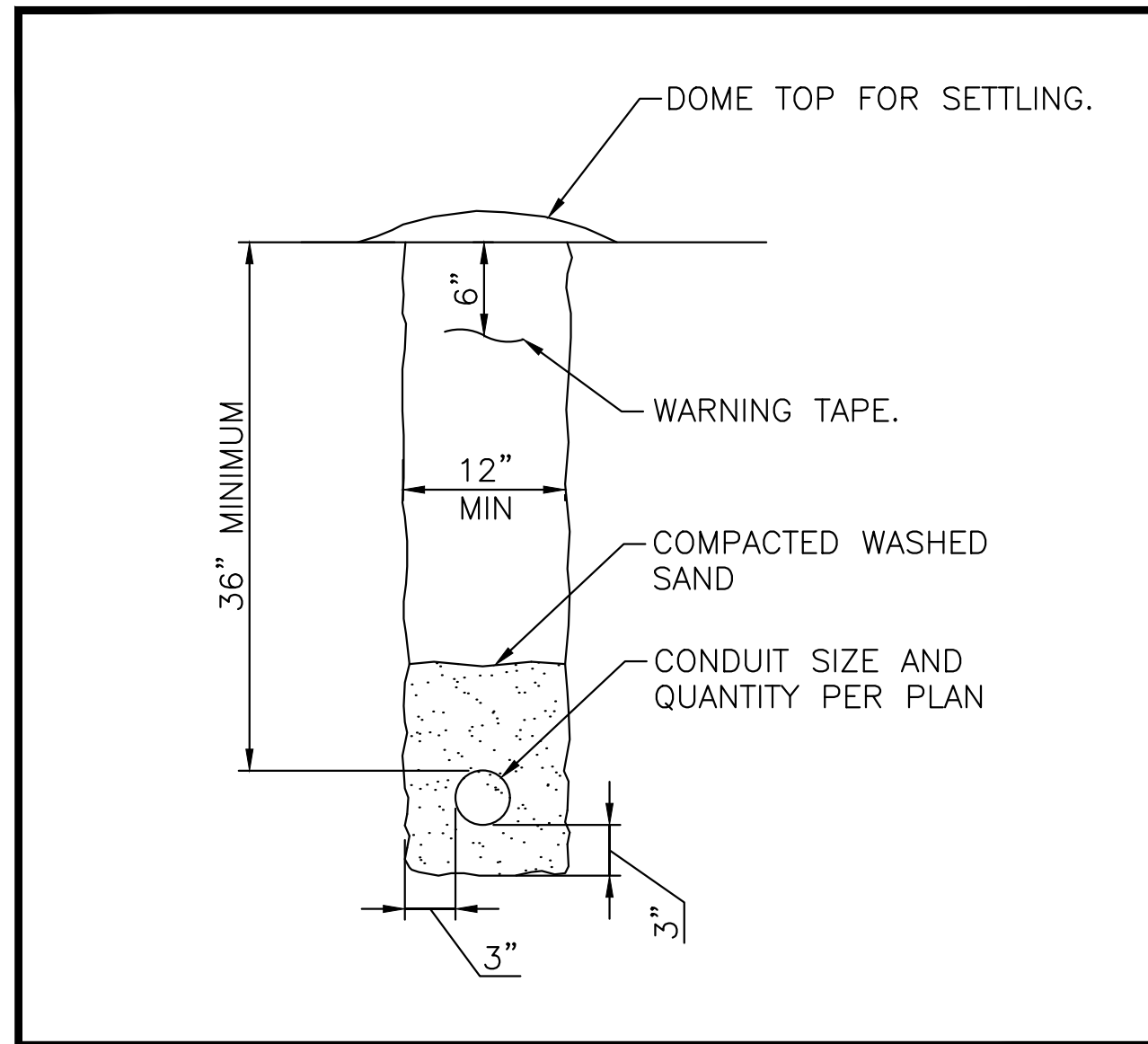
**1 ONE-LINE DIAGRAM**  
NO SCALE



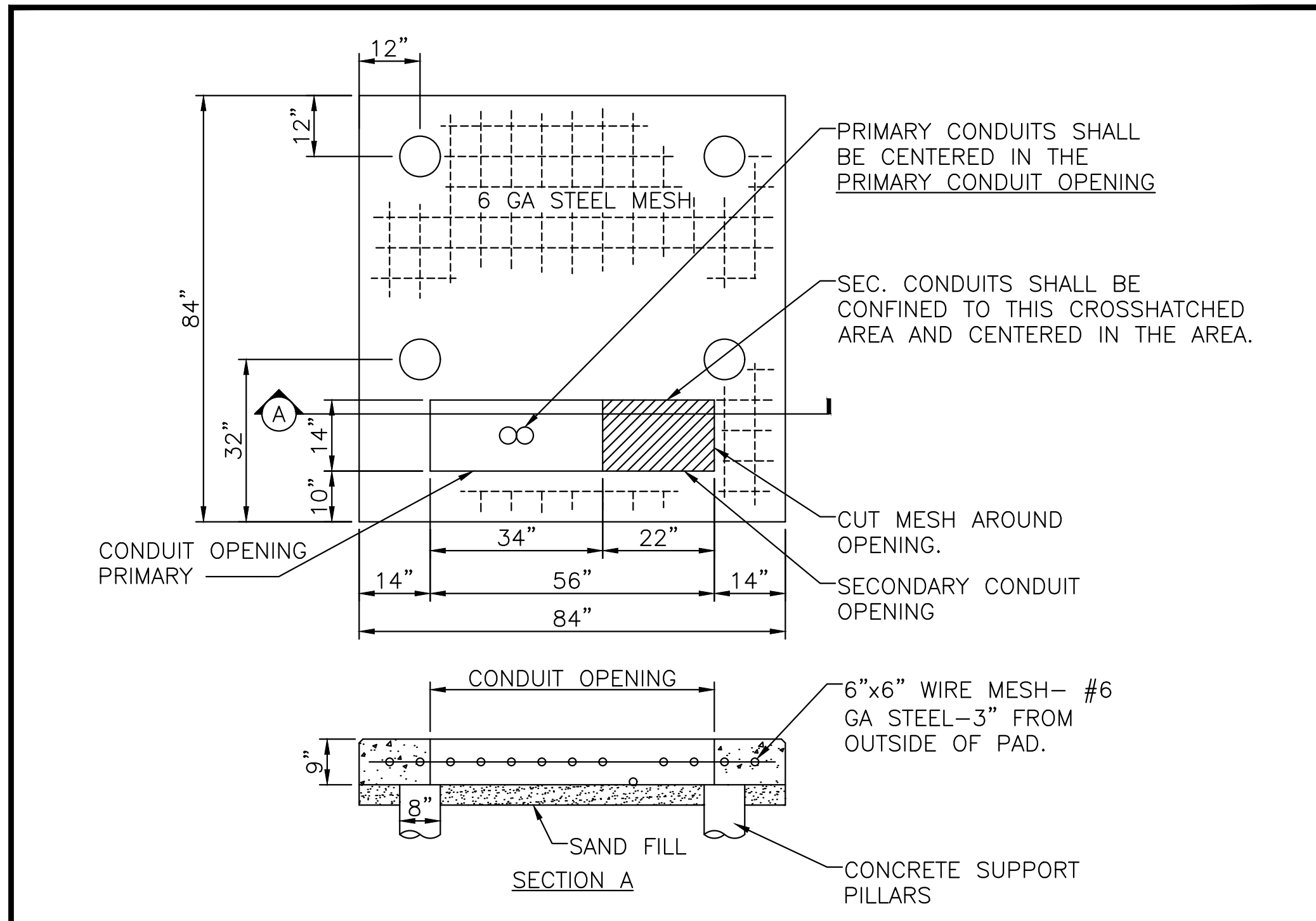
**2 MAIN SERVICE ENTRANCE GROUNDING DETAIL**  
NO SCALE



**4 TYPICAL LIFT STATION CLASSIFIED LOCATIONS SECTION**  
NO SCALE

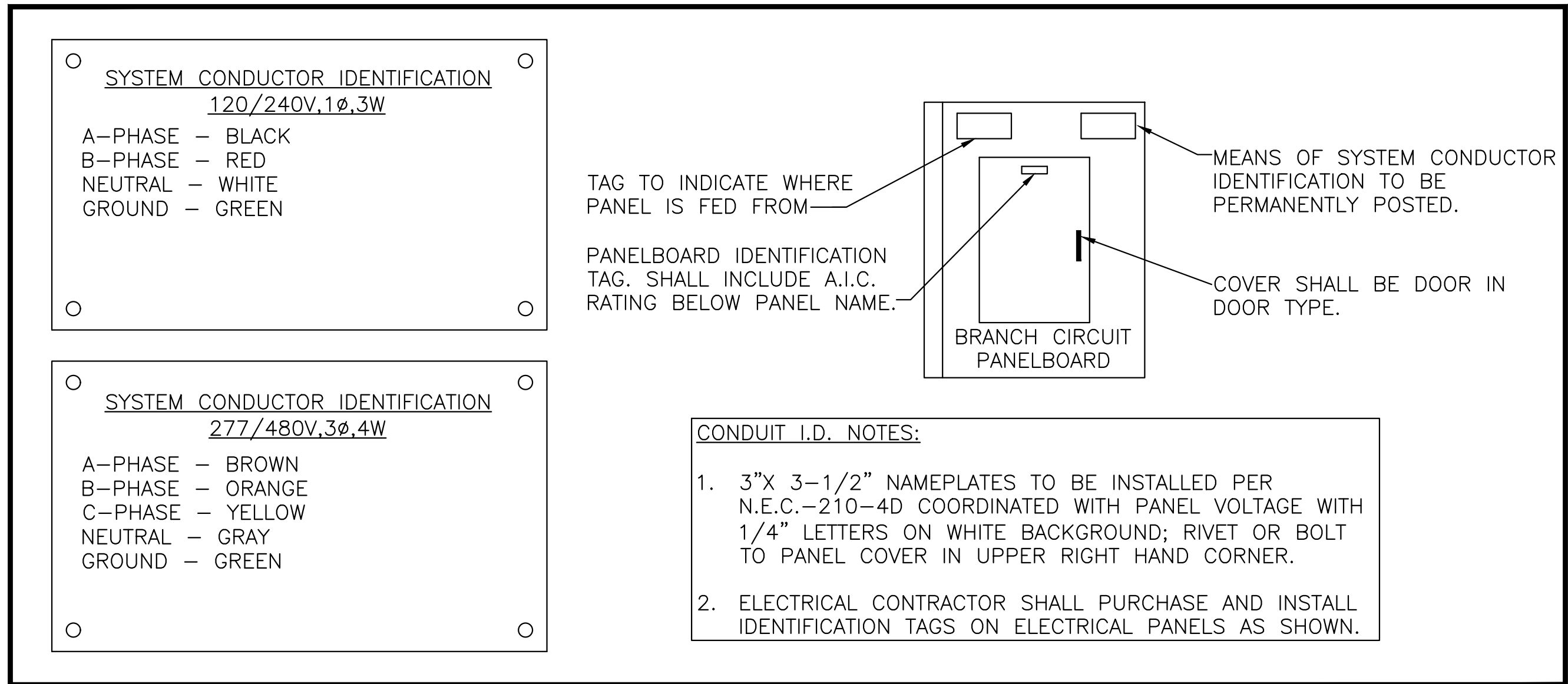


**5 TYPICAL TRENCH CROSS SECTION**  
NO SCALE

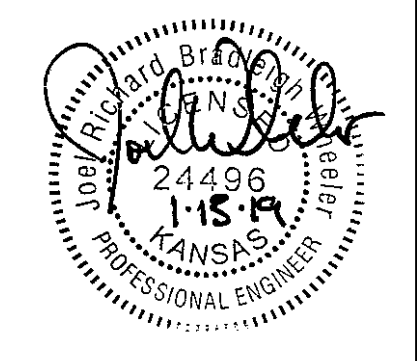


- NOTES:**
- PAD LOCATION SHALL BE APPROVED BY WESTAR ENERGY.
  - TRANSFORMER SHALL BE INSTALLED NEAR THE CUSTOMER'S SERVICE ENTRANCE.
  - IF TRANSFORMER PAD IS INSTALLED IN AN AREA SUBJECT TO VEHICULAR TRAFFIC, THE INSTALLATION SHALL BE PROTECTED WITH A PIPE-RAIL GUARD.
  - CONTRACTOR SHALL EXTEND FORMS DOWN TO AT LEAST 3" BELOW AVERAGE GROUND LINE.
  - CONCRETE SHALL BE A MINIMUM OF 3,000 LB. MIX.
  - TOP OF THE TRANSFORMER PAD SHALL RECEIVE A SMOOTH TROWEL FINISH. CORNERS AND EDGES SHALL BE ROUNDED OR BEVELED.
  - CONDUIT OPENINGS SHALL BE FREE AND CLEAR OF CONCRETE.
  - TOPS OF THE CONDUITS SHALL BE FLUSH WITH THE TOP OF THE CONCRETE PAD.
  - PILLARS ARE FORMED BY AUGERING AN 8" DIAMETER HOLE TO A DEPTH OF UNDISTURBED EARTH. A SEPARATOR, SUCH AS TAR PAPER, SHOULD BE PLACED BETWEEN THE PILLAR AND THE PAD SO THAT THE PAD CAN BE LEVELED AT A LATER TIME IF NECESSARY.
  - THIS DETAIL IS SHOWN FOR REFERENCE. COORDINATE WITH STRUCTURAL.

**3 500 KVA TRANSFORMER PAD**  
NO SCALE



**6 PANEL ID TAGS**  
NO SCALE



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**ELECTRICAL DETAILS**

PROJECT NO.	468-85386
DATE	JAN 2019
SCALE	NO SCALE
DESIGNED	CNG
DRAWN	CV
CHECKED	JRBW
ISSUED FOR BID	1-15-19
NO.	REVISION
DATE	