

1

2

3

4

5

6

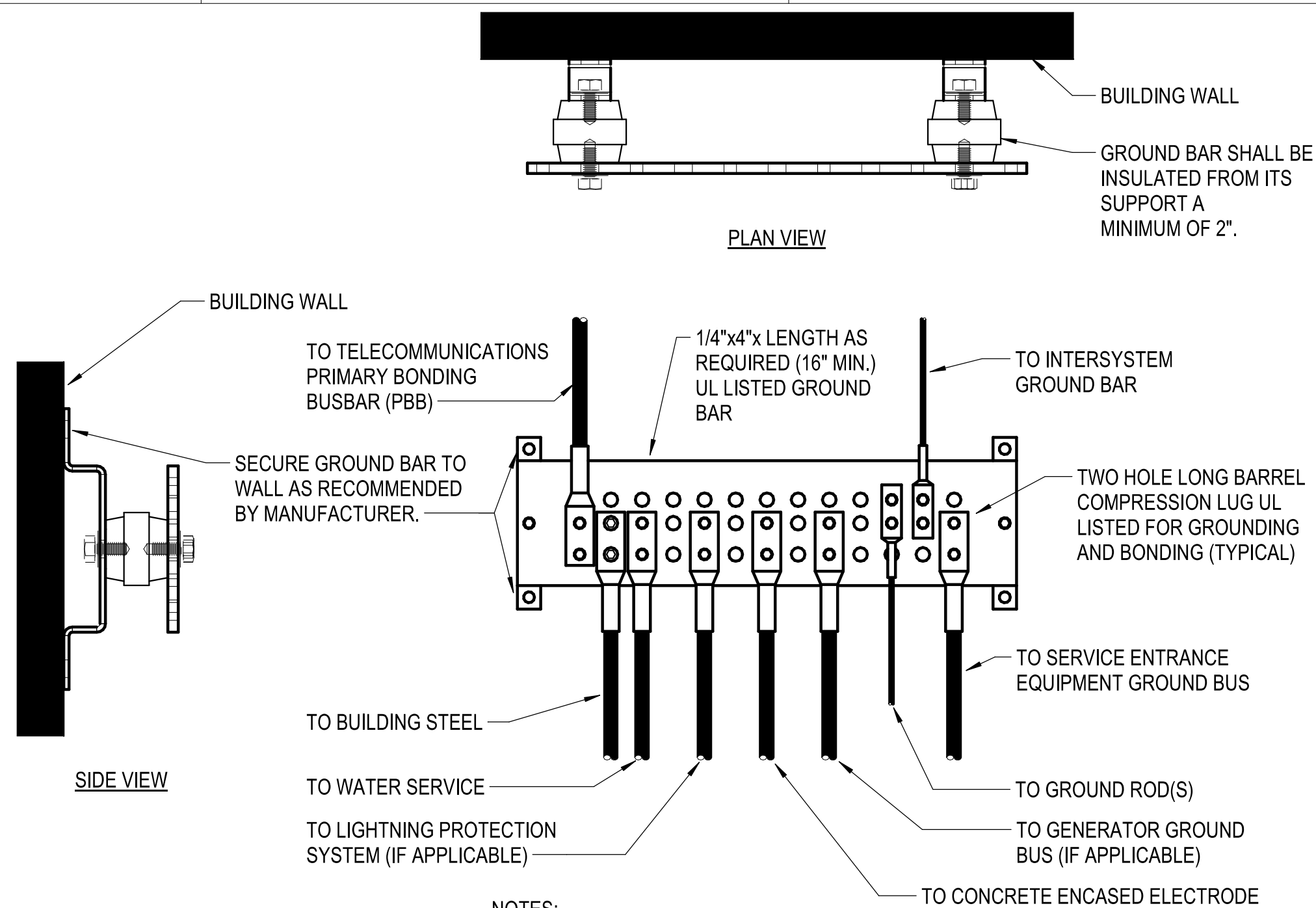
A

B

C

D

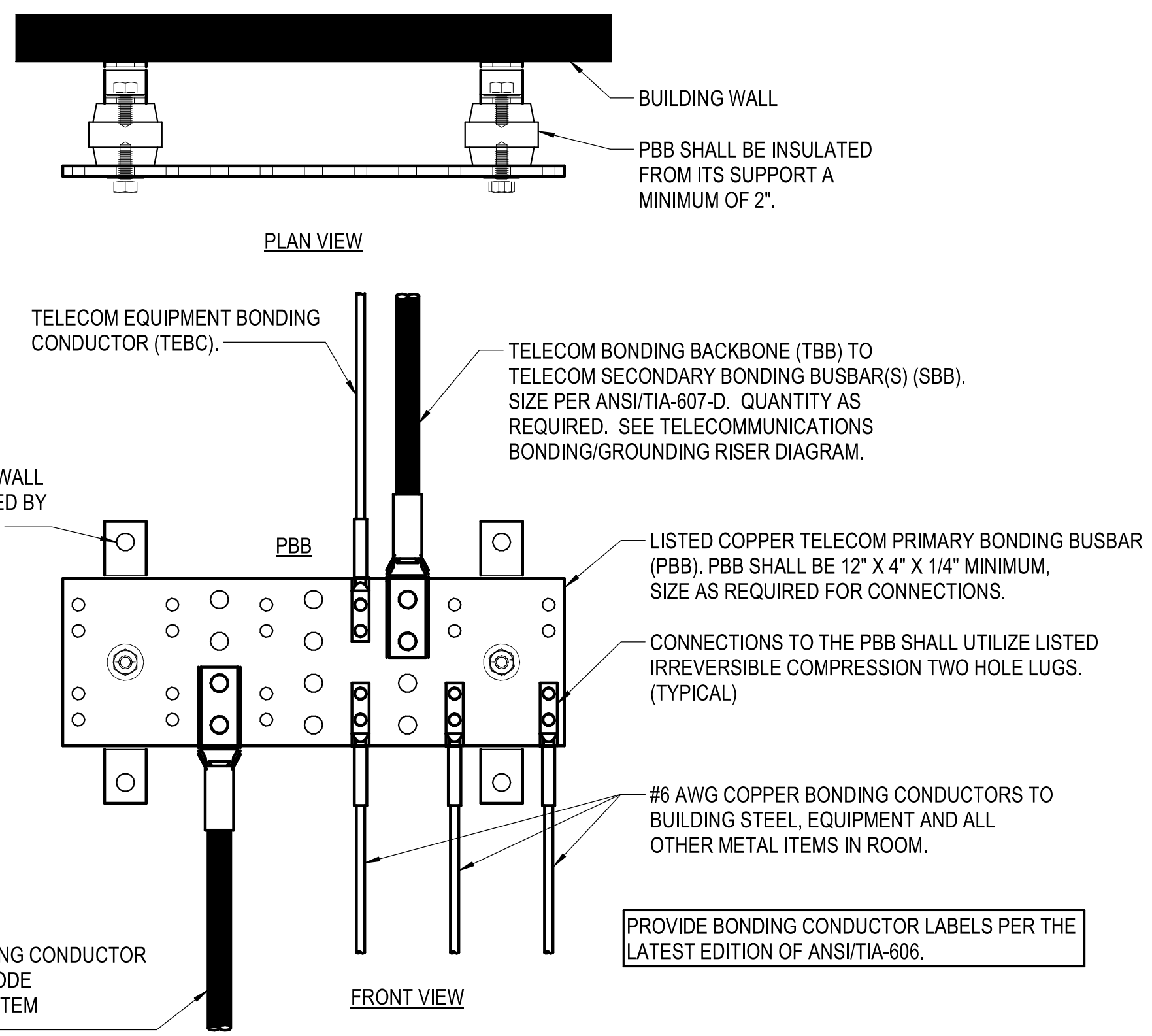
E



- NOTES:**
1. PROVIDE OTHER GROUNDING CONNECTIONS AS SPECIFIED IN NEC SECTION 250.50.
 2. LABEL EACH GROUND CONDUCTOR TO INDICATE USE.
 3. PROVIDE NON-FERROUS CONDUIT (SIZE AS NOTED) WHERE CONDUCTORS ARE SUBJECT TO PHYSICAL DAMAGE. IF FERROUS CONDUIT IS USED, BOND EACH END OF THE CONDUCTOR TO THE CONDUIT.
 4. PROVIDE GROUND BAR WITH FIBERGLASS ENCLOSURE WITH HINGED LID AND BUSHINGS IF GROUND BAR IS SUBJECT TO PHYSICAL DAMAGE.

1 SYSTEM GROUNDING DETAIL - GROUNDING ELECTRODE CONDUCTOR GROUND BAR

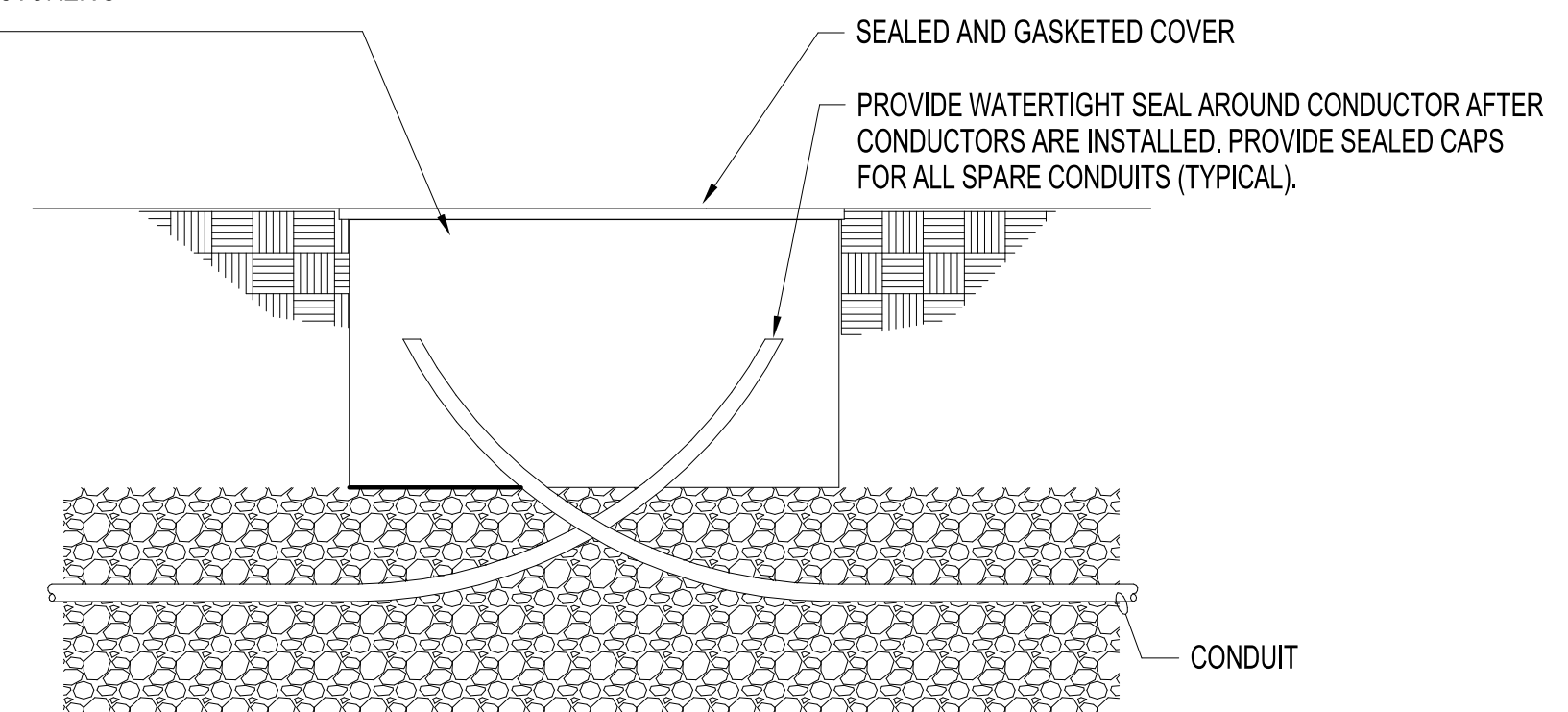
NO SCALE



3 TELECOMMUNICATIONS PRIMARY BONDING BUSBAR (PBB) DETAIL

NO SCALE

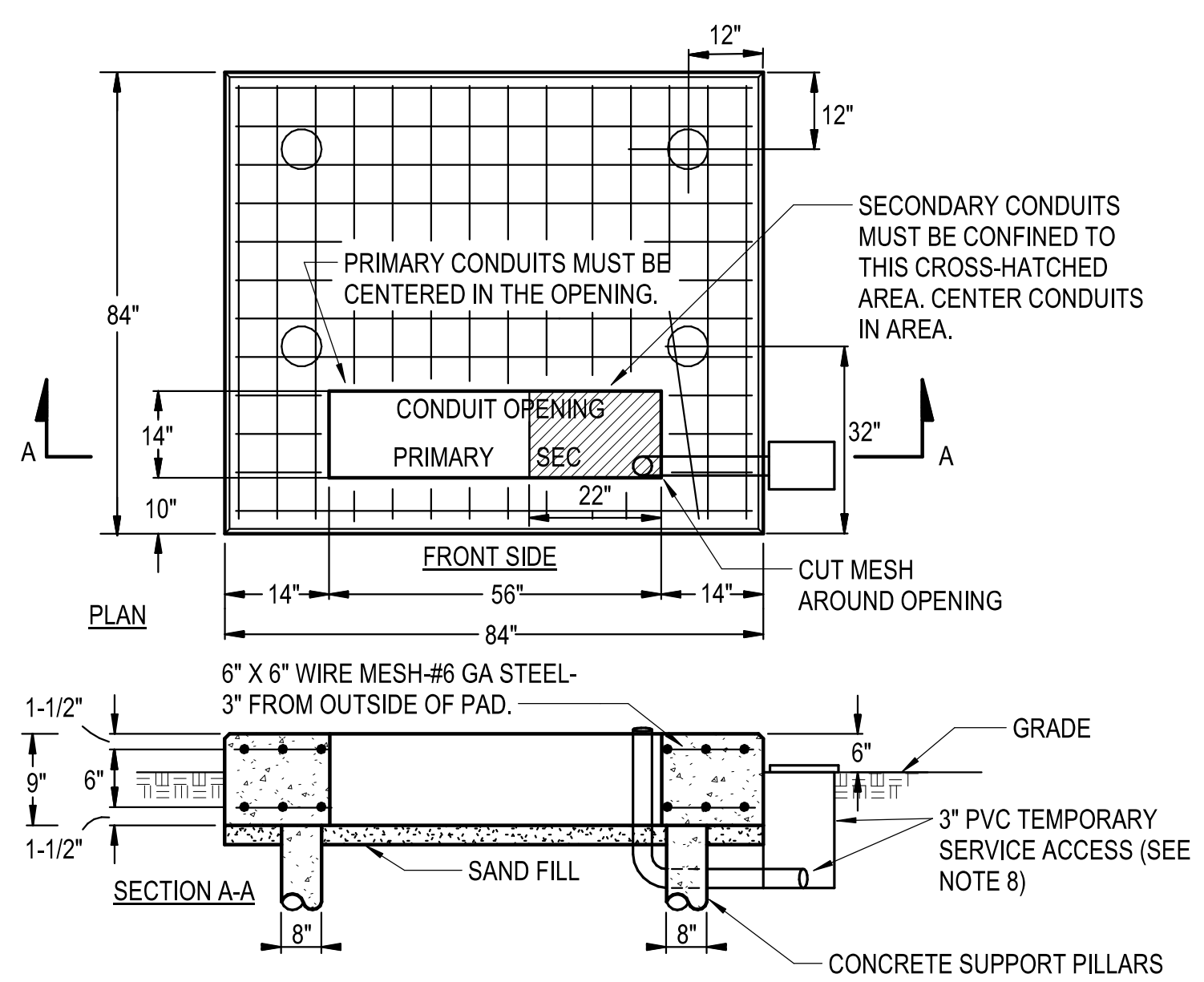
PROVIDE DEEP PC STYLE GASKETED PULLBOX WITH OPEN BASE SIZE AS REQUIRED EQUAL TO HUBBELL QUAZITE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS



NOTE: E.C. SHALL PROVIDE A PULLBOX APPROXIMATELY EVERY 300 FEET.

2 PULLBOX DETAIL

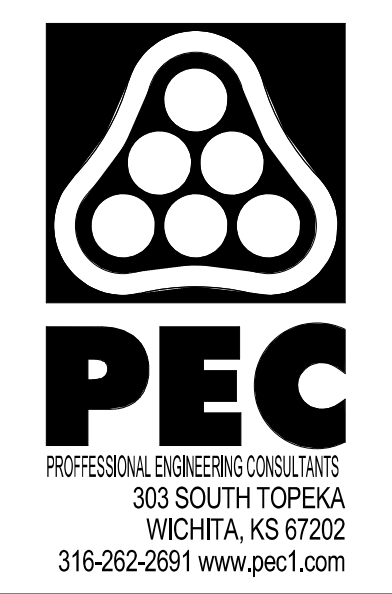
NO SCALE



- NOTES:**
1. VERIFY PAD LOCATION, DIMENSIONS & ALL REQUIREMENTS WITH LOCAL UTILITY CO.
 2. THE TOP OF THE TRANSFORMER PAD SHALL RECEIVE A SMOOTH TROWEL FINISH. THE CORNERS AND EDGES SHALL BE ROUNDED OR BEVELLED.
 3. THE CONCRETE SHALL BE A MINIMUM OF 3,000 LB. MIX.
 4. CONTRACTOR SHALL EXTEND FORMS DOWN TO AT LEAST 3" BELOW AVERAGE GROUND LINE.
 5. TOP OF CONDUITS SHALL BE FLUSH WITH TOP OF PAD.
 6. THE CONDUIT OPENING SHALL BE FREE AND CLEAR OF CONCRETE.
 7. 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 THE PAD CAN BE LEVELLED AT A LATER TIME, IF NECESSARY.
 8. VERIFY IF 3" PVC TEMPORARY SERVICE ACCESS IS REQUIRED. IF REQUIRED, CONDUIT TO EXTEND 1' TO 2' BEYOND EDGE OF PAD. DO NOT BACKFILL. USE 3/4" PLYWOOD OR COMPARABLE COVER TO SECURE HOLE. CAP CONDUIT PRIOR TO BACKFILLING HOLE AT COMPLETION OF PROJECT.

4 TRANSFORMER PAD DETAIL

NO SCALE



SOUTH LAKES SPORTS PARK WICHITA, KS

Issue:		
100% PLANS		10/18/23
BID SETS		10/25/23
JOB NO.	220008-003	
DATE	18 OCTOBER 2023	
PM	NLS	
DESIGNED BY	DCG	
DRAWN BY	SRM	
CHECKED BY	SMS	

ELECTRICAL DETAILS

E-502