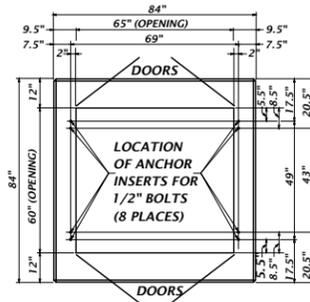


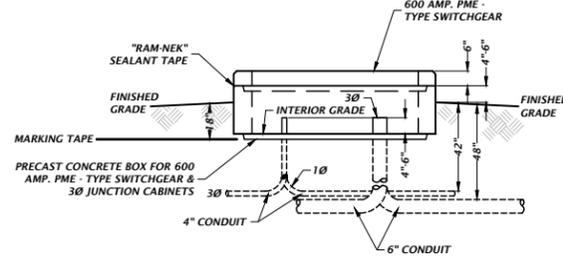
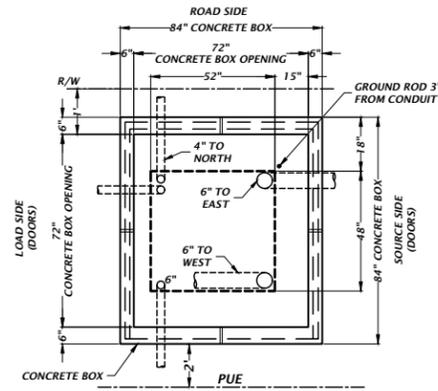
GENERAL NOTE(S):

- 1) THIS DRAWING DETAILS THE ORIENTATION OF THE PME 9/11 SWITCHGEAR FOUNDATION TOP. PLEASE NOTE THE LOCATION OF THE DOORS AND THE LOCATION OF THE ANCHOR BOLT INSERTS.
- 2) THE MOST INNER ANCHOR INSERTS (FROM THE CENTER OF THE TOP) ARE USED TO INSTALL THE PME 9 SWITCHGEAR.



521

TYPICAL 600 AMP. PME 9/11 SWITCHGEAR TOP LAYOUT
NTS

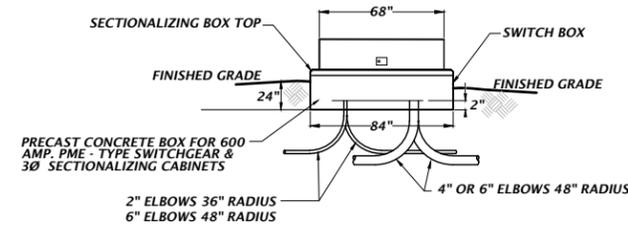


524

TYPICAL 600 AMP. SOURCE TRANSFER PME 11 SWITCHGEAR CONDUIT LAYOUT
NTS

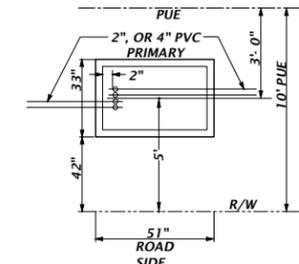
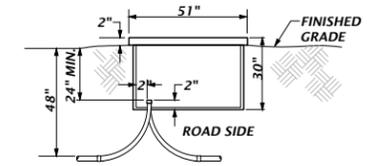
GENERAL NOTE(S):

- 1) DO NOT CUT OFF ELBOWS. ELBOWS AT EQUIPMENT LOCATIONS AND THE CONDUIT SYSTEM TRANSITION TO THIS EQUIPMENT WILL BE INSTALLED DEEPER THAN THE NOMINAL INSTALLATION DEPTH TO MEET TURN-UP REQUIREMENTS. ELBOWS SHALL BE TURNED UP IN CENTER PORTION OF BASE.
- 2) 2" OR 4" CONDUIT SHALL BE USED AS SHOWN ON THE SITE PLAN.
- 3) PROVIDE THREE 4-WAY JUNCTION BARS AT ALL LOCATIONS. GROUND PER NATIONAL ELECTRICAL SAFETY CODE.
- 4) FOR 4" AND 6" CONDUIT, 48" RADIUS ELBOWS ARE REQUIRED; FOR LESS THAN 4" CONDUIT 36" RADIUS ELBOWS ARE REQUIRED
- 5) CABINET MADE BY COA - APPROVED MANUFACTURER.



527

TYPICAL SECTIONALIZING CABINET (SC) WITH SECTIONALIZING BOX TOP AND SWITCH BOX
NTS

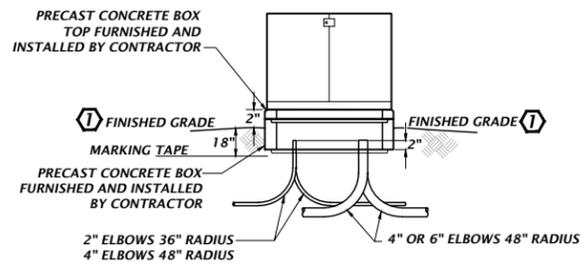


530

UNDERGROUND JUNCTION BOX
NTS

NOTE(S):

- 1) DO NOT CUT OFF ELBOWS. ELBOWS AT EQUIPMENT LOCATIONS AND THE CONDUIT SYSTEM TRANSITION TO THIS EQUIPMENT WILL BE INSTALLED DEEPER THAN THE NOMINAL INSTALLATION DEPTH TO MEET TURN-UP REQUIREMENTS.
- 2) 2", 4", OR 6" CONDUIT SHALL BE USED AS SHOWN ON THE SITE PLAN.
- 3) COMPLETE CONDUIT SYSTEM AND CONCRETE PRODUCTS FURNISHED AND INSTALLED BY CONTRACTOR.
- 4) FOR 6" AND 4" CONDUIT, 48" RADIUS ELBOWS ARE REQUIRED; FOR LESS THAN 4" CONDUIT, 36" RADIUS ELBOWS ARE REQUIRED.
- 5) PRECAST BOX SHALL BE 5000 PSI CONCRETE MADE BY SOUTHERN PRE-CAST INC. CATALOG # SPSWB0016X6 WITH SPGRUPME911 TOP OR APPROVED EQUAL.
- 6) PAD MOUNTED 600 AMP SWITCHGEAR WITH SMU-20 FUSE HOLDERS MADE BY S&C ELECTRIC CO. PROVIDE FUSES AS REQUIRED BY COA.

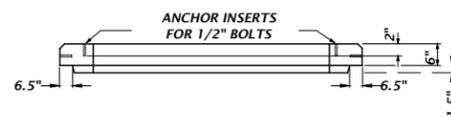
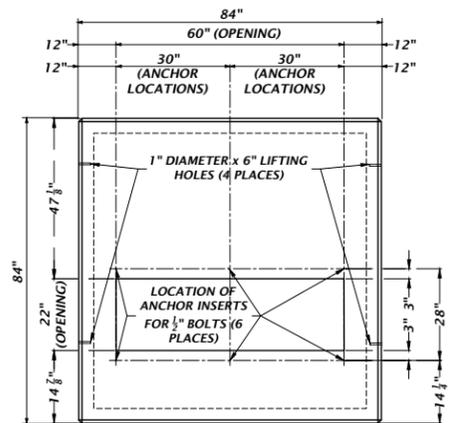


KEYED NOTE(S):

- 1) STABILIZED LEVEL EARTH/GRADE MIN. 3-FEET ON SIDES AND 10-FEET FRONT AND REAR

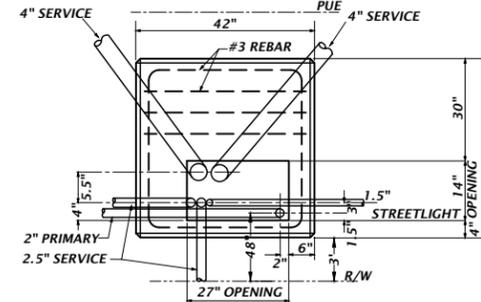
533

TYPICAL 600 AMP. PME TYPE SWITCHGEAR INSTALLATION
NTS



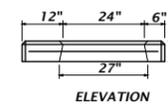
536

PRECAST CONCRETE BOX TOP FOR SECTIONALIZING CABINET
NTS



FIRE HYDRANTS SHALL BE 5'-0" MINIMUM CLEAR FROM TRANSFORMERS.

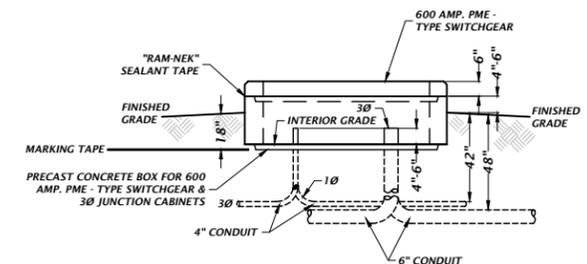
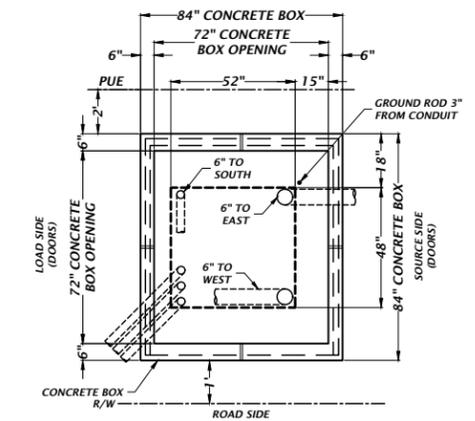
WARNING: CONTRACTOR SHALL NOT OPEN TRANSFORMER, NOT PUSH CONDUIT UNDER TRANSFORMER, AND NOT INSTALL CONDUCTORS WHEN TRANSFORMER IS ENERGIZED. LIFE THREATENING ELECTRICAL SHOCK MAY OCCUR.



TRANSFORMER BUSHINGS WILL ACCOMMODATE UP TO 8 SETS OF 500 KCMIL CONDUCTORS.

539

TYPICAL SINGLE-PHASE TRANSFORMER PAD
NTS



542

TYPICAL 600 AMP. PME 11 SWITCHGEAR CONDUIT LAYOUT
NTS