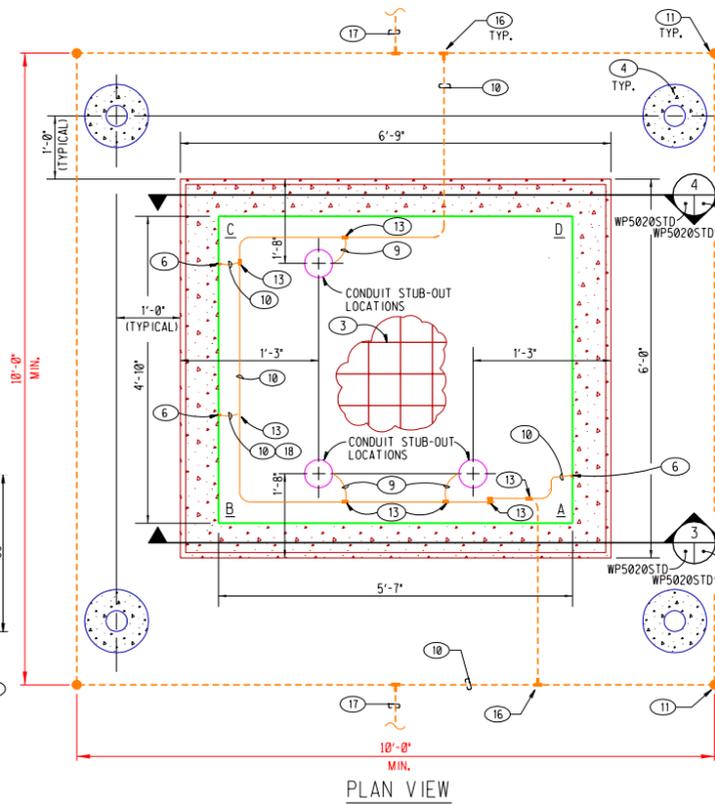
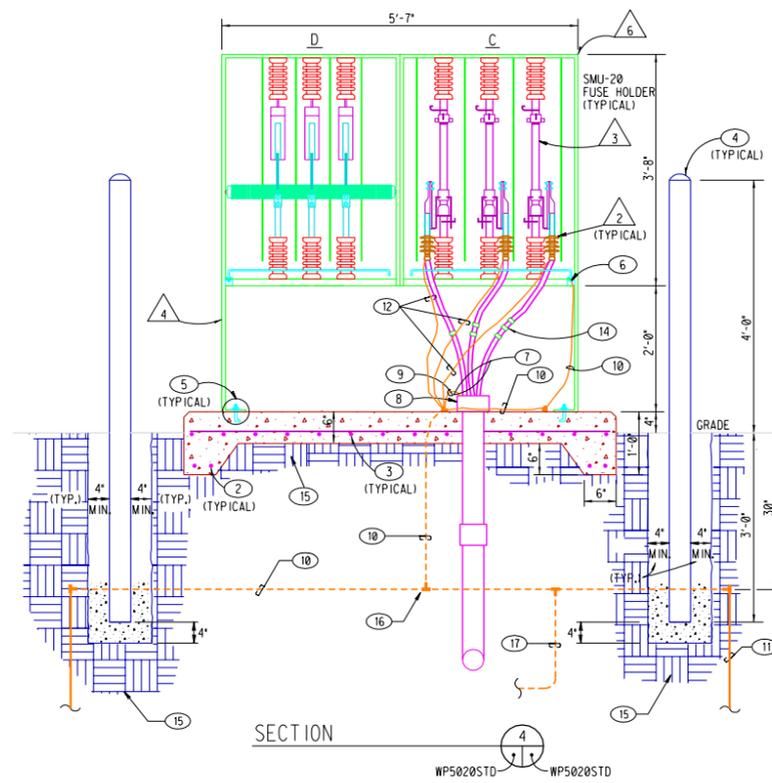
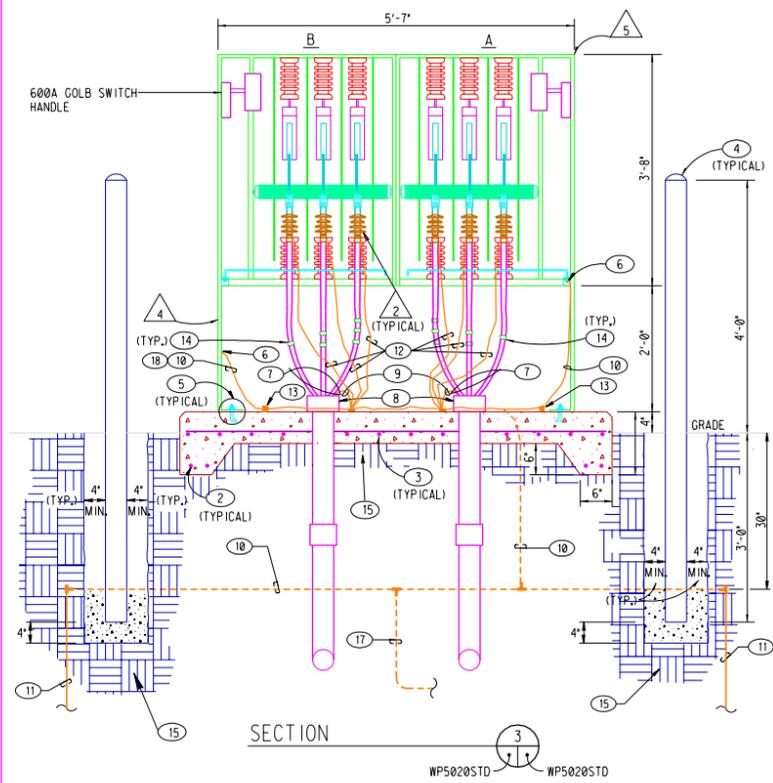


S & C PMH - 10 DETAILS
SCALE: NONE



S & C PMH - 19 DETAILS
SCALE: NONE

GENERAL NOTES

1. CONTRACTOR MUST COORDINATE WITH SANDIA AND FOLLOW ALL RECOMMENDATIONS FOR DE-ENERGIZING ALL EQUIPMENT AND FEEDERS NECESSARY TO INSTALL SWITCH. SEE SEQUENCE OF CONSTRUCTION FOR INSTALLATION OF SWITCH.
2. INSTALL IDENTIFICATION TAGS ON ALL FEEDERS AND SWITCHES PER SPECIFICATIONS AS DIRECTED BY THE SANDIA CONTRACTING REPRESENTATIVE. FEEDERS TO HAVE 1" HIGH LETTERS.
3. REFER TO DRAWING WP501 9STD, FOR SWITCH GEAR CONFIGURATIONS.
4. SEE DRAWING WP601 0STD, FOR EQUIPMENT LIST.
5. CABLES OF THE SAME CIRCUIT SHALL HAVE THE PHASING IDENTIFIED WITH BLUE COLOR TAPE. PHASE A (POSITION 1) WITH ONE WRAP, PHASE B (POSITION 2) WITH TWO WRAPS, PHASE C (POSITION 3) WITH THREE WRAPS.
6. SOIL COMPACTION 90% PER ASTM D1557.
7. FOAM FILL ALL OCCUPIED CONDUITS WITH HILT FOAM.
8. CAP ALL SPARE CONDUITS.

KEYED NOTES

- 1 1" CHAMFER ALL AROUND PAD.
- 2 NO. 4 REBAR 2" FROM EDGE, CONTINUOUS AROUND PAD.
- 3 NO. 4 REBAR 6" O.C. BOTH WAYS.
- 4 4" DIA. S.B.P. GUARD POST, 7'-0" LONG, SET IN 3'-0" OF CONCRETE. SEE ARCHITECTURAL STANDARD DRAWING C-5003STD.
- 5 SEE DETAIL (A) . . . SPACE PER MANUFACTURES RECOMMENDATIONS.
- 6 WP5020STD WP601 0STD
- 7 BURNDY TYPE "0GFL" BARTAP LUG SIZED TO FIT GROUNDING CONDUCTORS.
- 8 SIZE OF PHASE CONDUCTORS, GROUND WIRE AND CONDUIT ARE SHOWN ON CONSTRUCTION DRAWINGS.
- 9 GROUNDING TYPE BUSHING SIZED TO MATCH CONDUIT.
- 10 RUN FEEDER GROUND WIRE THROUGH CONDUIT GROUND BUSHING.
- 11 2/0 BARE COPPER GROUND WIRE.
- 12 3/4" X 10" COPPER GROUND ROD, CADWELD TO GROUND SYSTEM.
- 13 #6 COPPER GROUND WIRE.
- 14 BURNDY TYPE "KVS" SPLIT-BOLT COPPER CONNECTOR, SIZED TO FIT GROUND CONDUCTORS.
- 15 PHASE IDENTIFICATION MARKING TAPE, SEE GENERAL NOTE "4" FOR DETAILS (TYPICAL).
- 16 COMPACTED SOIL, 90% COMPACTION PER ASTM D1557.
- 17 CADWELD.
- 18 CADWELD GROUND WIRE THAT IS RUNNING ALONG PRIMARY FEEDER TO GROUND GRID. CONNECT TO GROUND LUG ON SWITCHGEAR SPACER EXTENSION. FIELD VERIFY EXACT LOCATION.

5-17-05	ADDED GENERAL NOTE	SR	LR
6/15/01	UDS MODS	EG	FL
1/96	MODIFY GROUNDING	MAJ	PD
10/31/94	UP DATE DIMENSIONS	Torre	ROYBAL
P.O.	REV	DATE	DESCRIPTION
PROJECT NO.	DWN	CKD	APP
U.S. DEPARTMENT OF ENERGY			
NNSA/SANDIA SITE OFFICE		ALBUQUERQUE, NEW MEXICO	
SANDIA NATIONAL LABORATORIES			
S&C PAD MOUNT SWITCHGEAR DETAILS			P.O.
			PROJECT NO.
			DRAWN BY J. MARTINEZ
			CHECKED BY P. DURAN
			SNL ENGR L. ROYBAL
CIVIL WORKS POWER			DATE 8/91
			SEC.
OLD FILENAME:		SIZE DRAWING NO	
FILENAME: WP5020STD.dgn		D+ WP5020STD	

OLD FILE NAME: 084820/E04