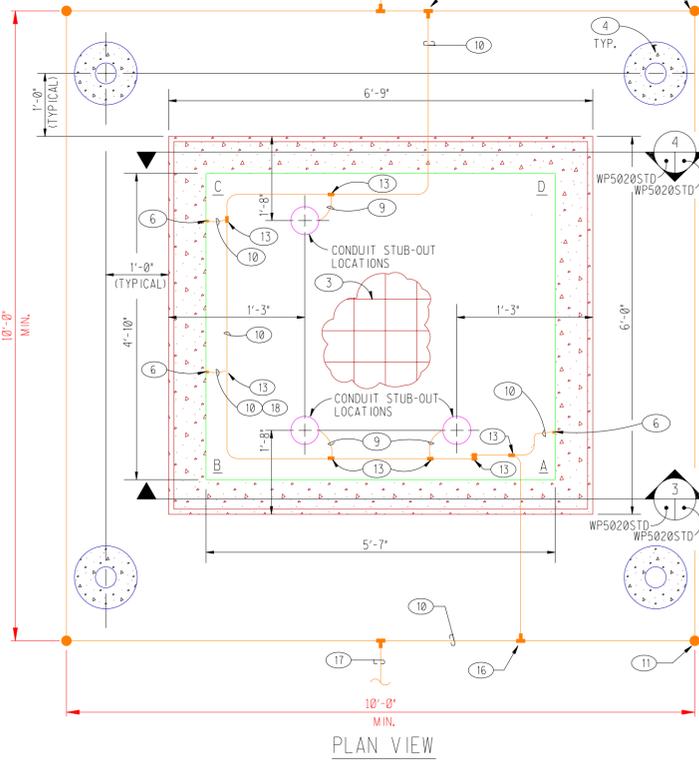
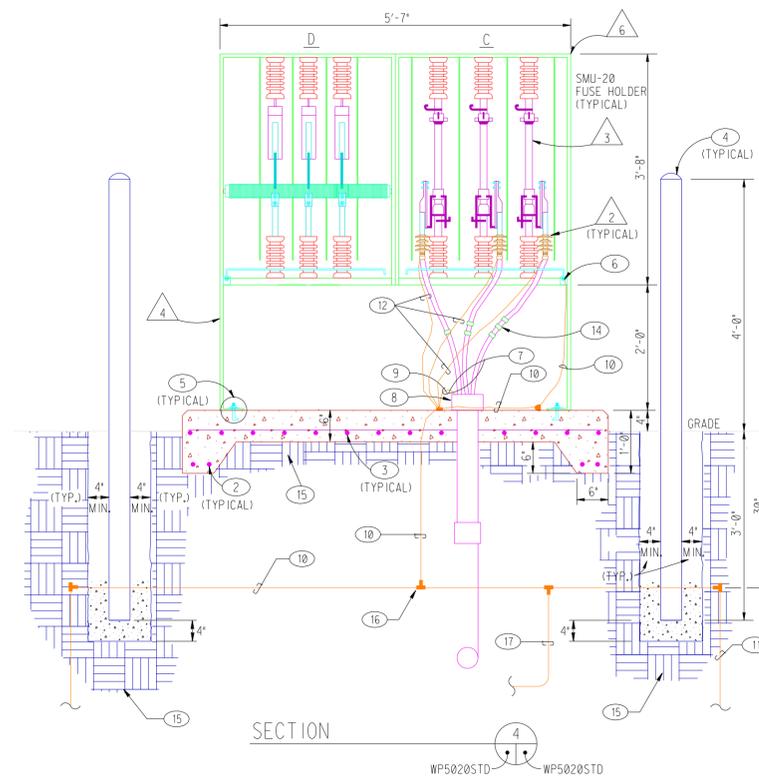
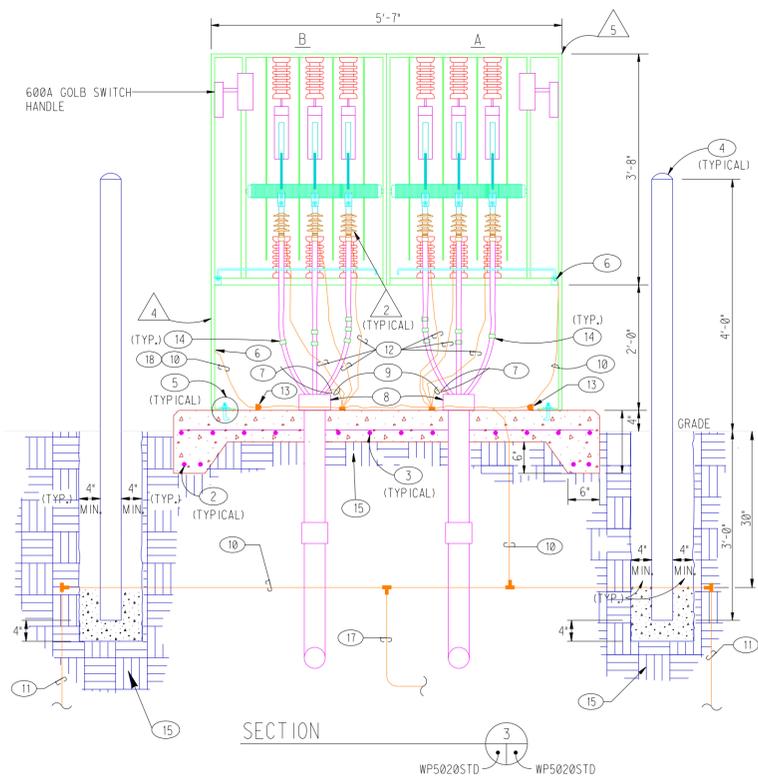


S & C PMH - 10 DETAILS  
SCALE: NONE



S & C PMH - 19 DETAILS  
SCALE: NONE

GENERAL NOTES

- 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.
- INSTALL IDENTIFICATION TAGS ON ALL FEEDERS AND SWITCHES PER SPECIFICATIONS AS DIRECTED BY THE SANDIA CONTRACTING REPRESENTATIVE. FEEDERS TO HAVE 1" HIGH LETTERS.
- REFER TO DRAWING WP501 9STD, FOR SWITCH GEAR CONFIGURATIONS.
- SEE DRAWING WP601 0STD, FOR EQUIPMENT LIST.
- 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.
- SOIL COMPACTION 90% PER ASTM D1557.
- FOAM FILL ALL OCCUPIED CONDUITS WITH HILT FOAM.
- CAP ALL SPARE CONDUITS.

KEYED NOTES

- 1" CHAMFER ALL AROUND PAD.
- NO. 4 REBAR 2" FROM EDGE, CONTINUOUS AROUND PAD.
- NO. 4 REBAR 6" O.C. BOTH WAYS.
- 4" DIA. S.B.P. GUARD POST, 7'-0" LONG, SET IN 3'-0" OF CONCRETE. SEE ARCHITECTURAL STANDARD DRAWING C-5003STD.
- SEE DETAIL A - SPACE PER MANUFACTURER'S RECOMMENDATIONS.
- WP5020STD - WP601 0STD
- BURNDY TYPE "OGFL" BARTAP LUG SIZED TO FIT GROUNDING CONDUCTORS.
- SIZE OF PHASE CONDUCTORS, GROUND WIRE AND CONDUIT ARE SHOWN ON CONSTRUCTION DRAWINGS.
- GROUNDING TYPE BUSHING SIZED TO MATCH CONDUIT.
- RUN FEEDER GROUND WIRE THROUGH CONDUIT GROUND BUSHING.
- 4/0 BARE COPPER GROUND WIRE.
- 3/4" X 10' COPPER GROUND ROD, CADWELD TO GROUND SYSTEM.
- #6 COPPER GROUND WIRE.
- BURNDY TYPE "KVS" SPLIT-BOLT COPPER CONNECTOR, SIZED TO FIT GROUND CONDUCTORS.
- PHASE IDENTIFICATION MARKING TAPE, SEE GENERAL NOTE "4" FOR DETAILS (TYPICAL).
- COMPACTED SOIL, 90% COMPACTION PER ASTM D1557.
- CADWELD.
- 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
6/15/08	JDS MODS	EG	FL
1/96	MODIFY GROUNDING	MAJ	PD
10/31/95	UP DATE DIMENSIONS	forre	BOYBA

U.S. DEPARTMENT OF ENERGY			
NNSA/SANDIA SITE OFFICE		ALBUQUERQUE, NEW MEXICO	
<b>SANDIA NATIONAL LABORATORIES</b>			
S&C Pad Mount Switchgear Details			P.O.
Standards			PROJECT NO.
DRAWN BY			CHECKED BY
SNL ENGR			DATE
DISCP: W	SUB-DISCP: P	STD	SEC.
FILENAME: WP5020STD.DGN			DATE: 01/03/2011

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