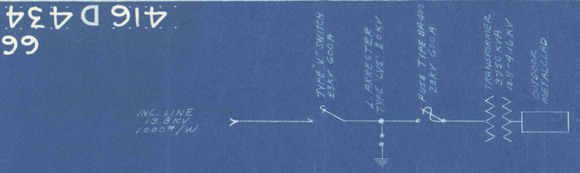
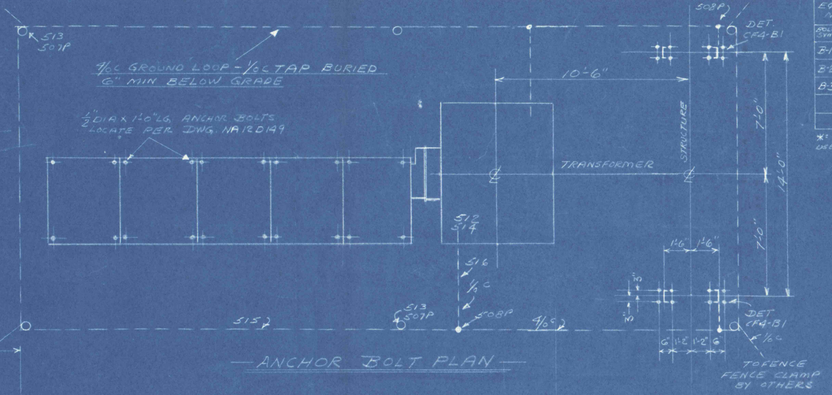
416 D 434

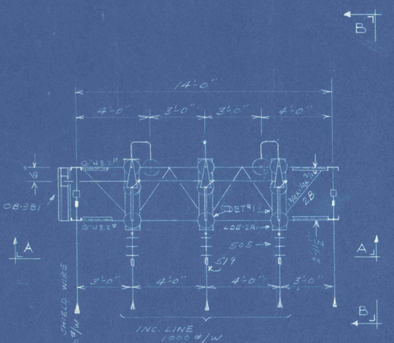
66



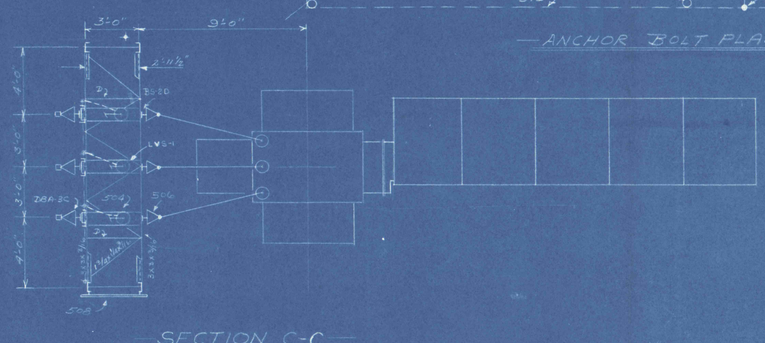
SINGLE LINE DIAGRAM



ANCHOR BOLT PLAN

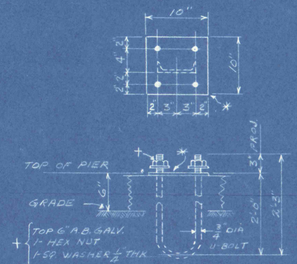


PLAN VIEW



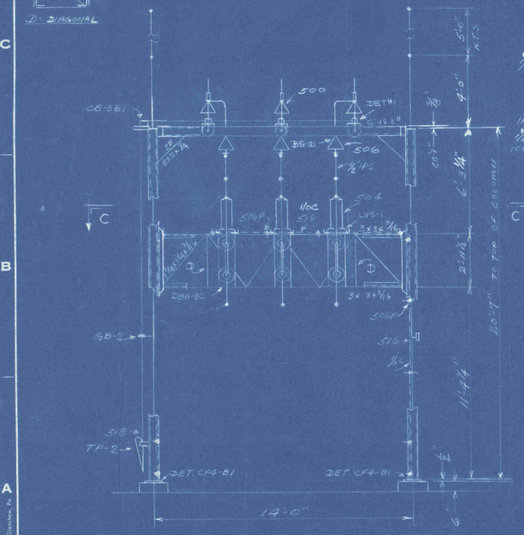
SECTION C-C

* 1/8 LEVELING PLATE SHIPPED & INSTALLED WITH ANCHOR BOLTS. USE AS TEMPLATE WHEN SETTING BOLTS & GROUT TRUE AND LEVEL TO CORRECT ELEVATION.

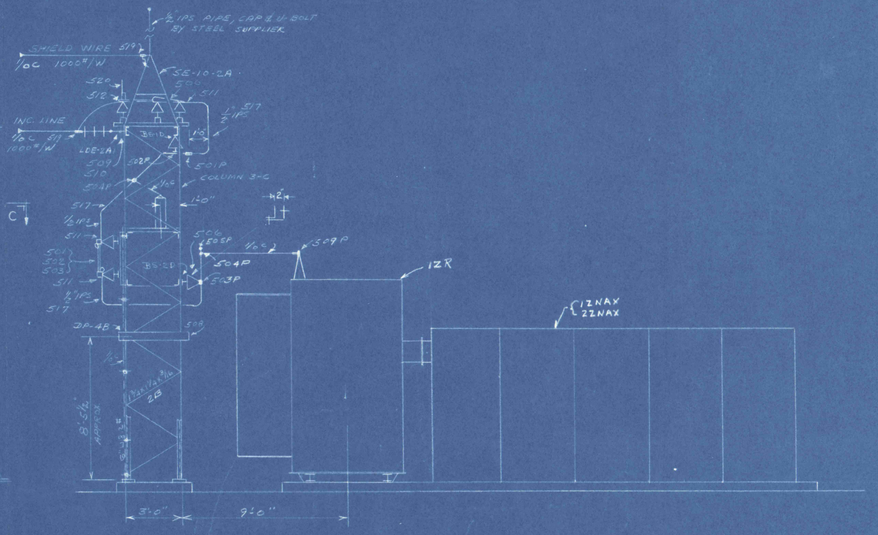


DETAIL CF4-B1

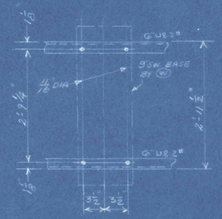
D: DIAGONAL



ELEVATION A-A



ELEVATION B-B



DETAIL #1 TYPE V SW. MTG.

EQUIP MTG. BOLTS NUTS & LOCKWASHERS			
BOLT SYM	SIZE	REQ. NUTS	REQ. WASHERS
B-1	⅞ IN X ¾	36	
B-2	½ X 1½	20	20
B-3	½ X 1 (TAP)	8	8

*1 REQ. WHEN ⅝ DIA. BOLTS ARE USED IN 11/16 DIA. HOLES.

LIST OF MATERIAL

BOLT SYM	ITEM NO	REQ	STYLE NO. CAT. NO. S.O. & DWG. NO	DESCRIPTION	REMARK
B-1	500	3	344-YCBADS	SWITCH POLE UNITS TYPE "V" 23KV 600A HORIZ. MTD.	
				SIM. TO S^W 300P1858401 EXCEPT SPECIAL BASE DRILLING	
B-1	501	3	1446158	FUSE MOUNTING TYPE "BA-400" 23KV	
	502	6	1314179	FUSE UNITS TYPE BA-400" 23KV 300 E AMPS	3 SPARE
	503	3	1585179	FUSE HOLDER TYPE BA-400" 23KV	SPARE
B-2	504	3	1743275	LIGHTNING ARRESTER TYPE "LVS" 15KV	
	505	9	570265	STRAIN INSULATORS 10" DIA. CLEVIS TYPE	3/STRING
B-3	506	6	963767	APPARATUS INSULATOR 23KV 8"BC CARDIN TYPE	
	507	1	364234	HOOKSTICK 12'-0" LG.	
	508	1	1650300	WESTINGHOUSE DRESSPLATE (6½ x 40)	
	509	3	389524	⅝ DIA COPPER ALLOY PIN	
	510	6		⅛ X ⅞ PH. BRZ. COTTER PIN	
	511	9	1718669	TERMINAL LUG ½" IPS 2B. PAD	
	512	5	1718651	TERMINAL LUG #6W TO 250 MCM 2B. PAD	
	513	6	1766330	¾ DIA X 12'-0" LG COPPERWELD GROUND ROD	
	514	4		½-13 X ⅞ S1 BRZ HEX HD BOLT * #4901-1	GROUND TERMINAL
	515	125		FT. OF 19-.1055 (.330 DIA) 1/0 BARE COPPER CABLE #7H2M	
	516	140		FT. OF 7-.1528 (.368 DIA) 1/0 BARE COPPER CABLE #7H2M	
	517	4	1251539	PCS. OF ½" IPS COPPER TUBING 20'-0" LG.	
B-1	518	1	1534757	TYPE TP OFFSET OPER. MECHANISM FOR ITEM 500	
	519	5	1799543	STRAIN CLAMP #6 - 5/0 C	
	520	3	1718678	ARCING HORNS	
	500P	SET		GALVANIZED STEEL & HOOKSTICK CONT. 12-6 PAGE 5 FOR PARTS	SUPPLIED BY STEEL SUPPLIER
	501P	3	STT4-0404	STRAIGHT CONNECTOR ½" IPS RUN & TAP	
	502P	3	UP-04-3B	BUS SUPPORT CLAMP ½" IPS PIN MTG.	
	503P	3	UP-04-3	BUS SUPPORT CLAMP ½" IPS CAP MTG.	
	504P	6	TC4-04022	TEE CONNECTOR ½ IPS RUN TO 1/0 C TAP	
	505P	3	CB-04	CORONA BELL ½" IPS	ASSEMBLY SELECTION
	506P	15	SC-147-G1	COLUMN CLAMPS 1/0 C TO FLAT (2 GROOVE)	
	507P	6	SC-114-01A	GROUND ROD CLAMPS ¾" ROD TO 1/0 & 1/0 C (2 GROOVE)	
	508P	5	G1-113-BA	CROSS CONNECTOR ½ MAIN TO ½ TAP	
	509P	3	DRSM-11-34-10-12	STUD CONNECTOR 1/8-12 TO 1/0 C 90°	
				REF. ITEMS	
IZR	1	S.O. 1R8136 604 D 7/6		TRANSFORMER 3750 KVA 13.8-4.16 KV 3 Ø	(W)
IZNAX 22NAX	1	NA 12D149		OUTDOOR METALCLAD SWGR 4.16 KV.	(W)

PEERLESS PUMP - PON-30500 - JOB# 79963

G.O. No. IN-11911-2Y 23KV

STANDARD DETAILS: INDEX CF4-B | LEE-2A 21'-0-2111 | 2BA-3C 21'-10 | LVS-1 20'-0-5091 | 2BA-3B 21'-0-1663 | UP-3B 12U-A1069 | 3C 12U-A1754 | TP-2 12U-A1754 | GB-2 12U-A1754 | SE-10-2A 12U-A1644 | 2BA-48 21'-0-2130

IT.	CHANGE	DATE	BY	CHK'D	APP'D
1	SHIP DATA, CAT. NOS., ACCESS. ITEMS, DWG. COMPLETED.	5/21/58	MURPHY		
2		5/29/58			

SO 344-YCBADS

ENG. REF. DWG.

WESTINGHOUSE ELECTRIC CORPORATION

TITLE: PEERLESS PUMP DIVISION, COMMONWEALTH OF KENTUCKY

GLEN ALDEN COAL CO. BUTTONWOOD PROJECT #13

DIMENSIONS IN INCHES—SCALE ½" = 1'-0" | GEN. ARR. ½", ½" = 1'-0" FND. PLAN

DFTM. ZIMMER 5/14/58 | G. Zimmer 5/15/58

CHK'D [illegible] | [illegible]

APP'D MURPHY 5/21/58 | [illegible]

ASSEM. SWGR. & DEVICES ASSEMBLE SWGR & DEVICES EAST PITTSBURGH, PA., U.S.A.

416 D 434

FORM 2A31