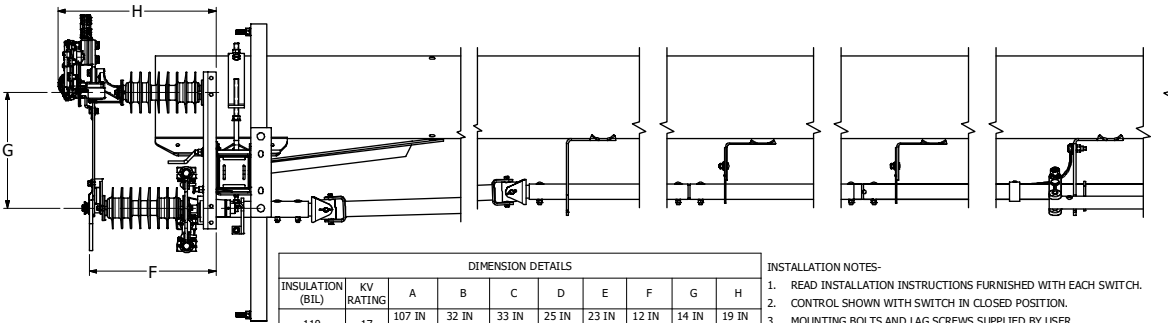
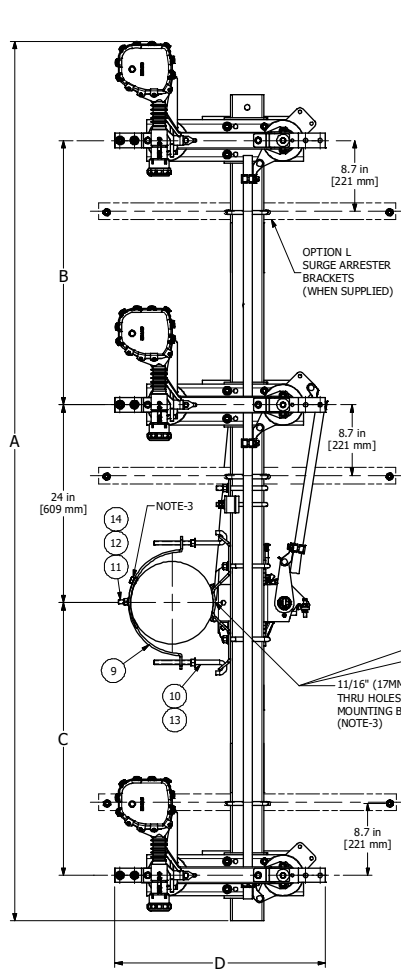


DETAIL B
TYPICAL MOUNTING
NOTE-3

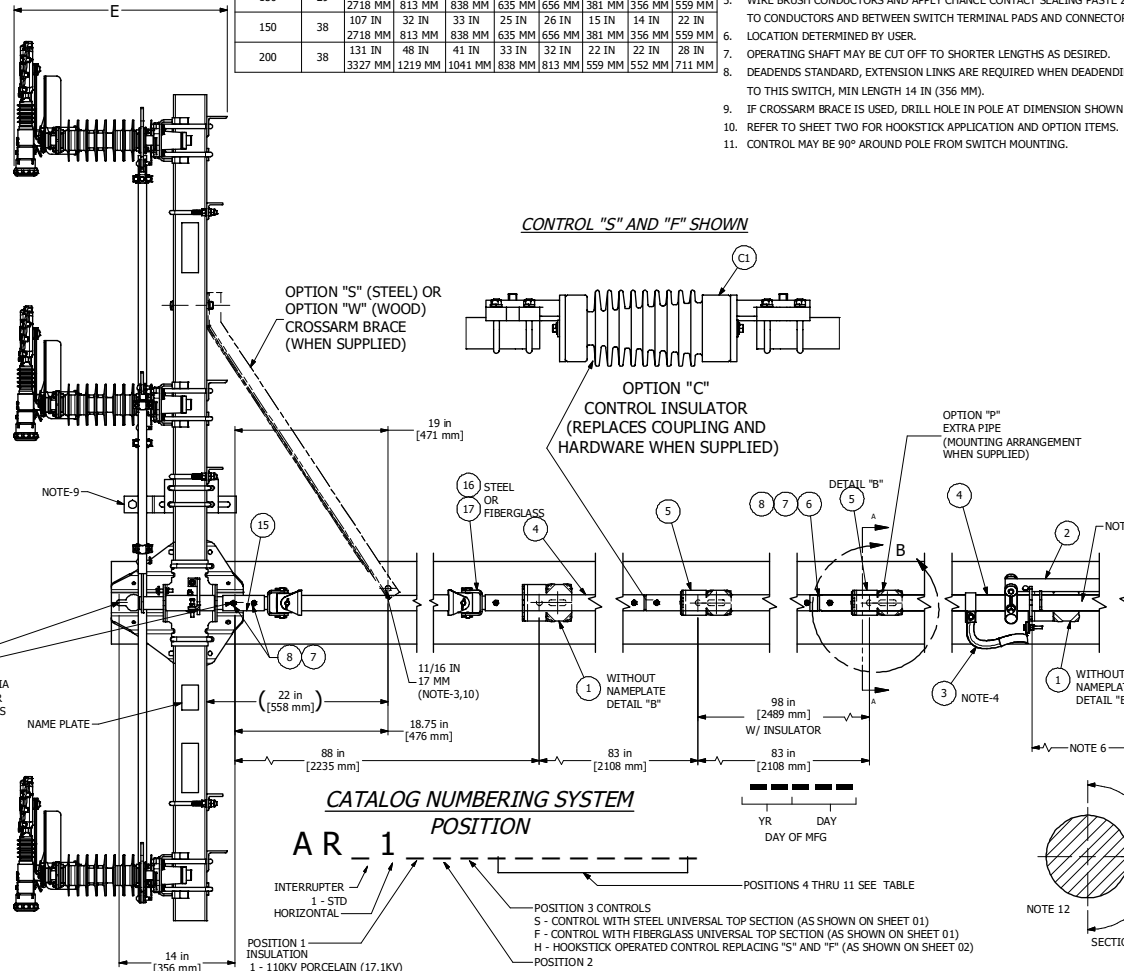
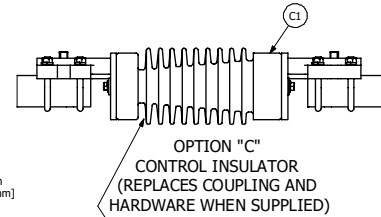


DIMENSION DETAILS									
INSULATION (BIL)	KV RATING	A	B	C	D	E	F	G	H
110	17	107 IN	32 IN	33 IN	25 IN	23 IN	12 IN	14 IN	19 IN
		2718 MM	813 MM	838 MM	635 MM	584 MM	305 MM	356 MM	483 MM
		107 IN	32 IN	33 IN	25 IN	26 IN	15 IN	14 IN	22 IN
150	29	2718 MM	813 MM	838 MM	635 MM	656 MM	381 MM	356 MM	559 MM
		107 IN	32 IN	33 IN	25 IN	26 IN	15 IN	14 IN	22 IN
		2718 MM	813 MM	838 MM	635 MM	656 MM	381 MM	356 MM	559 MM
150	38	107 IN	32 IN	33 IN	25 IN	26 IN	15 IN	14 IN	22 IN
		2718 MM	813 MM	838 MM	635 MM	656 MM	381 MM	356 MM	559 MM
		107 IN	32 IN	33 IN	25 IN	26 IN	15 IN	14 IN	22 IN
200	38	131 IN	48 IN	41 IN	33 IN	32 IN	22 IN	22 IN	28 IN
		3327 MM	1219 MM	1041 MM	838 MM	813 MM	559 MM	552 MM	711 MM
		3327 MM	1219 MM	1041 MM	838 MM	813 MM	559 MM	552 MM	711 MM

INSTALLATION NOTES-

1. READ INSTALLATION INSTRUCTIONS FURNISHED WITH EACH SWITCH.
2. CONTROL SHOWN WITH SWITCH IN CLOSED POSITION.
3. MOUNTING BOLTS AND LAG SCREWS SUPPLIED BY USER.
4. GROUND CLAMP FOR #4 TO 4/0 CU. SUPPLIED WITH GROUND STRAP.
5. WIRE BRUSH CONDUCTORS AND APPLY CHANCE CONTACT SEALING PASTE ZLN TO CONDUCTORS AND BETWEEN SWITCH TERMINAL PADS AND CONNECTORS.
6. LOCATION DETERMINED BY USER.
7. OPERATING SHAFT MAY BE CUT OFF TO SHORTER LENGTHS AS DESIRED.
8. DEADENDS STANDARD, EXTENSION LINKS ARE REQUIRED WHEN DEADENDING TO THIS SWITCH, MIN LENGTH 14 IN (356 MM).
9. IF CROSSARM BRACE IS USED, DRILL HOLE IN POLE AT DIMENSION SHOWN.
10. REFER TO SHEET TWO FOR HOOKSTICK APPLICATION AND OPTION ITEMS.
11. CONTROL MAY BE 90° AROUND POLE FROM SWITCH MOUNTING.

CONTROL "S" AND "F" SHOWN

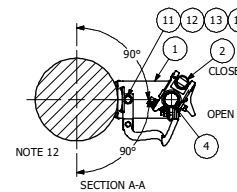


CATALOG NUMBERING SYSTEM
POSITION

- AR 1
- INTERRUPTER
1 - STD
HORIZONTAL
- POSITION 1
INSULATION
1 - 110KV PORCELAIN (17.1KV)
3 - 110KV POLYMER (17.1KV)
4 - 150KV POLYMER (29KV)
6 - 150KV POLYMER (38KV GRD-WYE)
7 - 150KV POLYMER LONG LEAK (38KV GRD-WYE)
8 - 200KV POLYMER (38KV)
- POSITION 2
CROSSARM & INTERPHASE SHAFT
S - STEEL
F - FIBER GLASS
M - STEEL CROSSARM & FIBERGLASS INTERPHASE
- POSITION 3 CONTROLS
S - CONTROL WITH STEEL UNIVERSAL TOP SECTION (AS SHOWN ON SHEET 01)
F - CONTROL WITH FIBERGLASS UNIVERSAL TOP SECTION (AS SHOWN ON SHEET 01)
H - HOOKSTICK OPERATED CONTROL REPLACING "S" AND "F" (AS SHOWN ON SHEET 02)
- POSITIONS 4 THRU 11 SEE TABLE

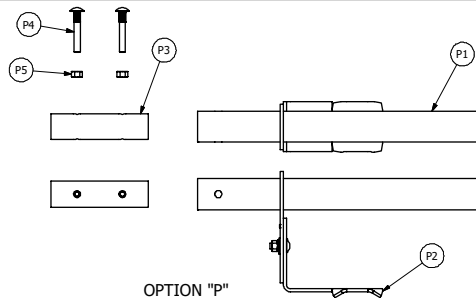
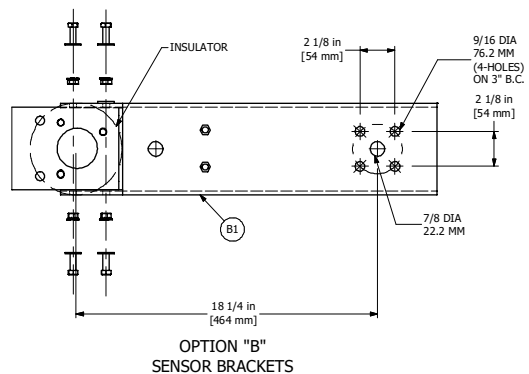
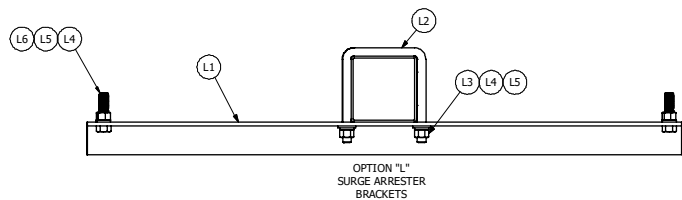
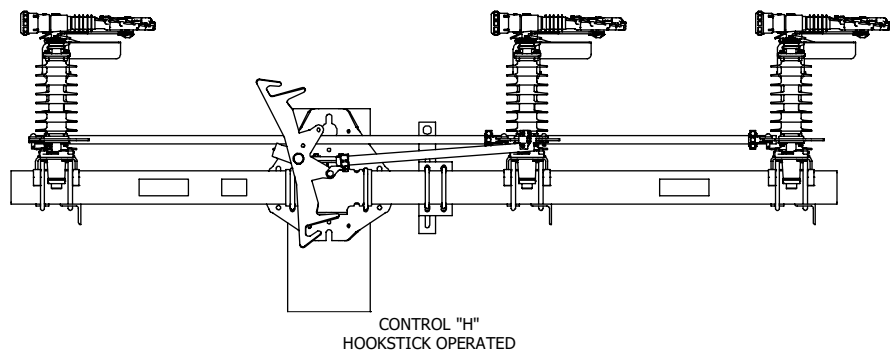
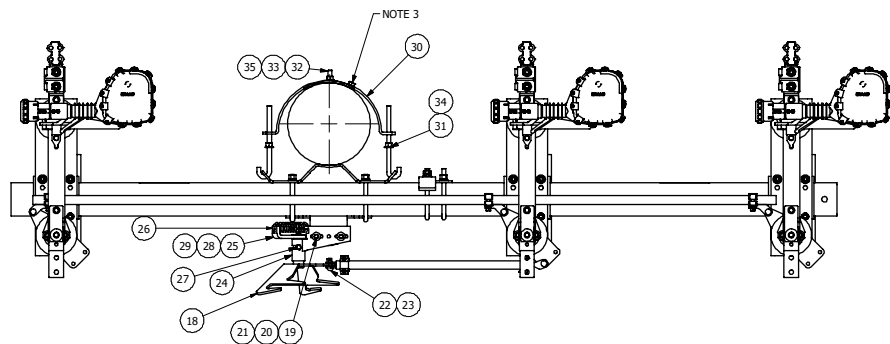
POSITION 3 CONTROL			BILL OF MATERIAL		
	ITEM	PART NUMBER	QTY.	DESCRIPTION	
S AND F	1	P818-2002	2	GUIDE	
	2	E818-2007	1	HANDLE ASSEMBLY	
	3	091697	1	STRAP, GROUND ASSEMBLY	
	4	P816-0122	3	PIPE	
	5	E818-2008	2	GUIDE, ASSEMBLY	
	6	P816-0006	2	COUPLING	
	7	P001-1907	7	RIBBED NECK BOLT	
	8	P001-1570	7	HEX LOCKNUT, 3/8"	
	9	P816-0721	2	BAND, POLE	
	10	E816-0752	2	J HOOK BOLT ASSY	
	11	055635	2	1/2-13 HEX NUT.	
	12	055869	2	1/2-13 X 1-1/2" HEX BOLT	
	13	055548	3	WASHER, FLAT 1/2"	
	14	055371	2	WASHER, LOCK 1/2"	
	15	P818-2041	1	COUPLING	
S F	16	E818-2042	1	CONTROL, STEEL UNIVERSAL	
	17	E818-2043	1	CONTROL, FIB UNIVERSAL	
	18	PSE8181804	1	LEVER ASSY, OVERTOGGLE HOOKSTICK AR SWITCH	
	19	058536	2	BOLT, HH 3/8"-16 UNC X 1-3/4" GALV	
	20	P001-0749	2	LOCKNUT, 3/8 FLANGED SERRATED	
	21	055584	4	WASHER, 3/8"	
	22	P001-1560	2	PIN	
	23	PSZ0012039	2	COTTER PIN	
	24	PSP8181800	1	MOUNTING BRACKET, AR SWITCH	
	25	PSP8181802	1	SHAFT, HOOKSTICK AR SWITCH	
	26	PSP8181803	1	SPRING, OVERTOGGLE	
	27	P001-0822	1	BOLT, MCH HH, 3/16 X 1.5" SST	
	28	PSZ0012525	2	WASHER, PLAIN, 406 ID X 1.5 OD X .052/.072 THK SST	
	29	PSZ0012524	1	SCREW, SOCKET BUTTON HEAD 3/8-16 UNC X 1 SST	
	HOOKSTICK	30	P816-0721	2	BAND, POLE
31		E816-0752	2	BOLT, J-HOOK ASSEMBLY	
32		055635	1	NUT, 1/2" HEX	
33		055869	1	BOLT, 1/2" X 1-1/2" HEX	
34		055548	2	WASHER, 1/2" FLAT	
35		055371	1	WASHER, 1/2" LOCK	
**POSITION 4 THRU 11					
B-SENSOR BRACKETS					
C-CONTROL INSULATOR					
H-CAPTIVE HARDWARE		B1	E818-1621	1	KIT, SENSOR MOUNTING
		C1	E801-3397	1	INSULATOR, CONTROL
		H1	P815-0025	12	BOLT, SHLDR 1/2" X 1-3/4" SST
		H2	055634	12	NUT, HEX 1/2" SIL BRZ
L-SURGE BRACKET		H3	058883	12	LOCKWASHER, 1/2" SS SPRING
		L1	P801-3468	3	BRACKET,SA
	L2	P816-0658	3	BOLT, MOUNTING	
	L3	055548	6	WASHER, 1/2" FLAT	
	L4	055371	12	WASHER, 1/2" SPRING LOCK	
	L5	055635	12	NUT, 1/2" HEX	
	L6	055545	6	BOLT, 1/2" X 2" HEX	
P-EXTRA PIPE	P1	P816-0122	1	PIPE	
	P2	E818-2008	1	GUIDE, ASSEMBLY	
	P3	P816-0006	1	COUPLING	
	P4	P001-1907	2	BOLT, RIBBED NECK, RD HD	
S-STEEL CROSSARM BRACE	P5	P001-1570	2	NUT, 3/8" LOCK	
	S1	8705	1	BOLT, 1/2" X 5" W/SQ NUT	
	S2	055548	2	WASHER, 1/2" FLAT	
	S3	055371	1	WASHER, 1/2" SPRING LOCK	
T-TERMINAL CONNECTOR	S4	P816-0175	1	BRACE, CROSSARM STEEL	
W-WOOD CROSSARM BRACE	W1	ATC1343	6	TERMINAL, PG ASSY	
	W2	8705	1	BOLT, 1/2" X 5" W/SQ NUT	
	W3	055548	2	WASHER, 1/2" FLAT	
	W4	055371	1	WASHER, 1/2" SPRING LOCK	
X-EXTENSION LINK	W4	P816-0175	1	BRACE, CROSSARM WOOD	
G-TERMINAL CONNECTOR	X1	C207-0113	6	LINKS, EXTENSION	
	G1	SWL-025-B	6	TERMINAL, BRZ BOLTED CABLE	
	G2	P815-0025	12	BOLT, 1/2" CAPTIVE	
	G3	055634	12	NUT, 1/2" HEX	
	G4	058883	12	WASHER, 1/2" FLAT	

** OPTION "C" AND "P" DO NOT APPLY WHEN HOOKSTICK OPERATED CONTROL SUPPLIED

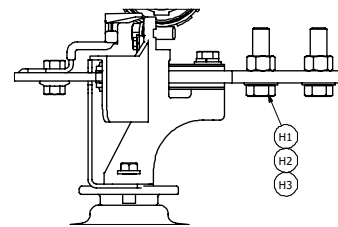


NOTE: 28 FT/8.5 M OF PIPE SUPPLIED AS STANDARD WITH "S" OR "F" CONTROL. FOR ADDITIONAL PIPE SEE OPTION P

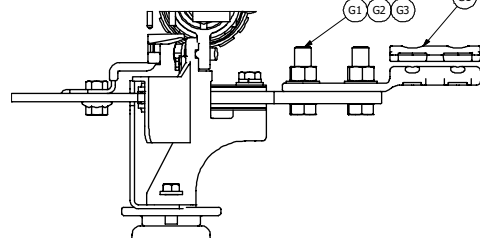
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TITLE		DRAWING SWITCH CONTROL	
N 220318018223		REV. ECN	
ADDED G AND H TO THE DIMENSION DETAILS CHART		DATE 03-21-22	
SR		CLARK	
REVISIONS		CHG BY	
RESP ENG		NOT TO SCALE	
SIZE D		DWG NO. SAAR11	
CAT / PART / ASSY NO. SAAR11		W/ 3781.5	
DATE 1/23/2022		SHEET 1 OF 2	



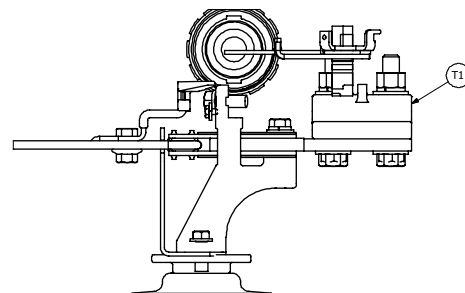
OPTION "P"
ADDITIONAL 7 FT/2134 MM OF CONTROL PIPE,
COUPLING, GUIDE ASSEMBLY AND HARDWARE
(NOT AVAILABLE WITH HOOKSTICK OPERATED CONTROL)



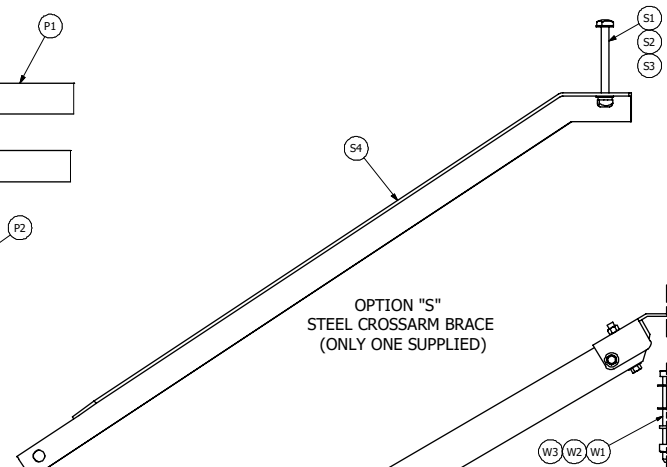
OPTION "H"
CAPTIVE HARDWARE (TYPICAL 6 TERMINAL PADS)



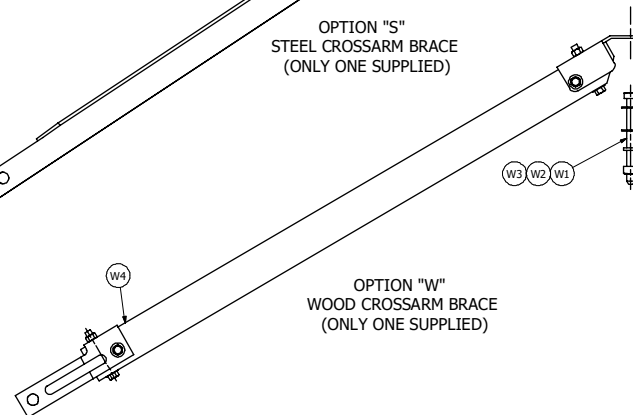
OPTION "G"
TERMINAL CONNECTOR
(BRONZE STRAIGHT BOLT TERMINAL CABLE TO FLAT TYPE SWL)



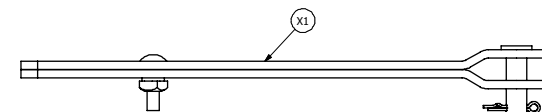
OPTION "T"
TERMINAL CONNECTOR
(PARALLEL GROOVE TERMINAL ASSEMBLY FOR #2-500 KCMIL)
(TYPICAL 6 TERMINAL PADS)



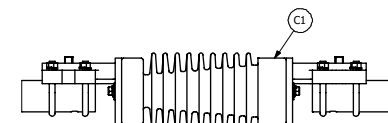
OPTION "S"
STEEL CROSSARM BRACE
(ONLY ONE SUPPLIED)



OPTION "W"
WOOD CROSSARM BRACE
(ONLY ONE SUPPLIED)



OPTION "X"
EXTENSION LINKS 14IN/356MM
(TYPICAL 6-PLACES)



OPTION "C"
CONTROL INSULATOR
(NOT AVAILABLE WITH HOOKSTICK OPERATED CONTROL)

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THIS SYMBOL IDENTIFIES CRITICAL FEATURES. DIMENSIONS USED IN - SYMBOLS NOT USED - UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.		SIZE DWG NO. D SAAR11	CAT / PART / ASSY NO. SAAR11
NOT TO SCALE		VOL: 89996.99 W/ 3781.5	DRN BY: ROB DATE: 1/23/2000
		SHEET 2 OF 2	REV N