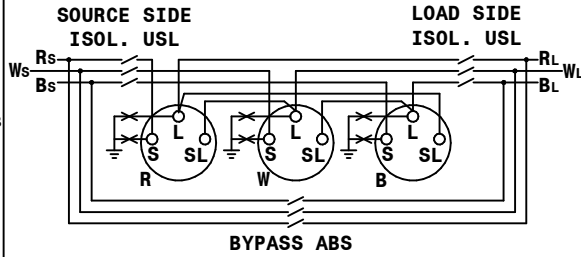


AMENDMENTS	
A	ORIGINAL ISSUE
B	REDRAWN-HVABC ON ABS +MID POLE ABS + STD XARM BRACE
DRN	GSF
CHD	GSF
DATE	23-06-14
UR NO	N/A
NSM	C.Crusafulli

NOTES

- 1) OVERHEAD MAINS CONST. SHOWN IS FOR INFORMATION ONLY AND SHOULD BE CHANGED TO SUIT MAINS. CONST. SHOWN = HABS-AB (HVABC TO BARE), AVAILABLE OPTIONS ARE HABS-AA, AB,AC,BB,BC,CC.
- 2) ID MARKERS TO BE COLOURED RED FOR RS & RL, WHITE FOR WS & WL AND BLUE FOR BS & BL AND POSITIONED ON OPERATOR SIDE OF CROSSARM.
- 3) EARTHING TO BE IN ACCORDANCE WITH MCIO005 & SDI100.

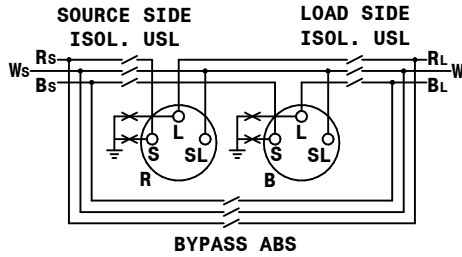
ITEM	QTY	DESCRIPTION	REMARKS
CONST. HABS	1	AIR BREAK SWITCH 22kV	NOTE 1
BA006	1	BOLT M20 (POLE+XARM)	
BA040-16	1	BOLT M16 (POLE+XARM)	
BA060-750	1	BRACE CROSSARM STD 750mm	
IA025	6	SURGE DIVERTER WITH DISC.	
IA031-45	6	UNDER SLUNG LINK 22kV	
MA020	18	LUG 2 HOLE SIZE TO SUIT	
MA032	3	CLAMP PG 2 BOLT TO SUIT	
REG	3	REGULATOR 11kV SIZE TO SUIT	
XA040	1	CROSSARM HV STD 2700mm LONG	



BYPASS ABS

CIRCUIT 1

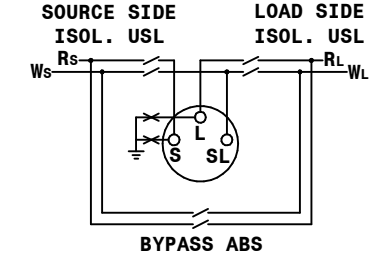
3x1Ø REGULATORS-IN CLOSED DELTA FORMATION FOR USE ON 3Ø 11kV SYSTEMS



BYPASS ABS

CIRCUIT 2

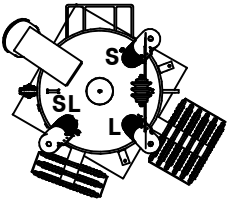
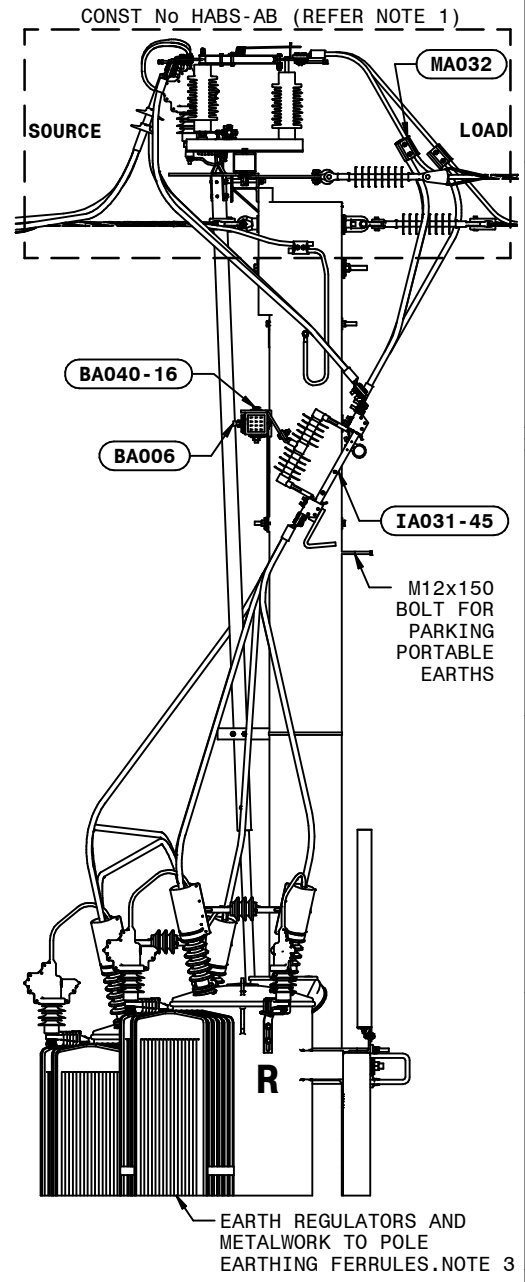
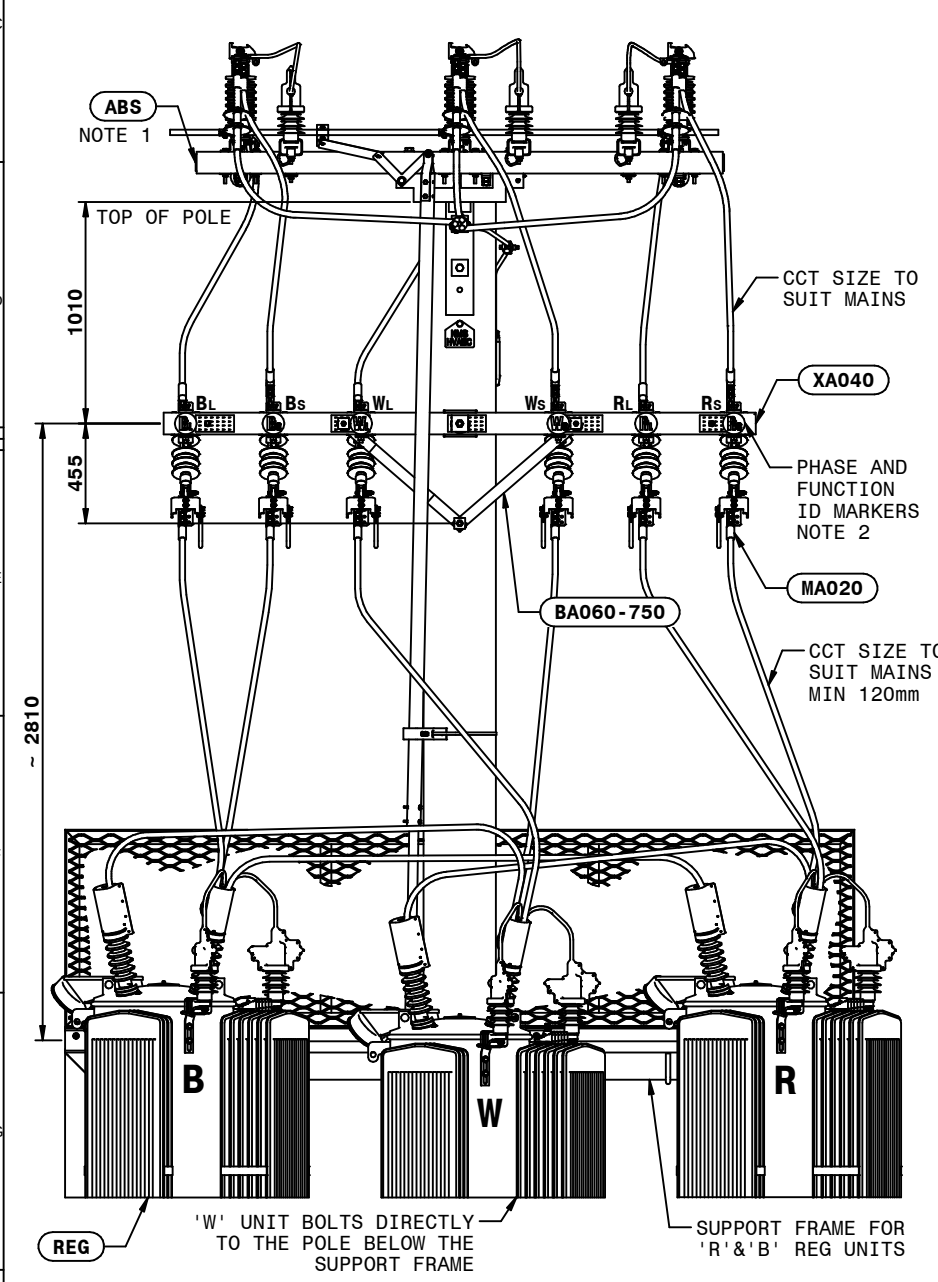
2x1Ø REGULATORS-IN OPEN DELTA FORMATION FOR USE ON 3Ø 11kV SYSTEMS



BYPASS ABS

CIRCUIT 3

1x1Ø REGULATORS-FOR USE ON 11kV 2Ø (PHASE TO PHASE) SYSTEM



PLAN VIEW REG LAYOUT

ORIGINAL SCALE	APPROVED
DATE	22/4/09
CHD	G.Ford



OVERHEAD VOLTAGE REGULATOR 11kV
3 x 1 PHASE UNITS
HV EQUIPMENT ASSEMBLY DETAIL

LV EQUIPMENT ASSEMBLY DETAIL	332059
V-REG GENERAL ARRANGEMENT	275182
DO NOT SCALE	AUTHORISED
W. Isley	MANAGER ASSET ENGINEERING
22/04/09	
A4	332058 B
SHEET No. 1 OF 1	