

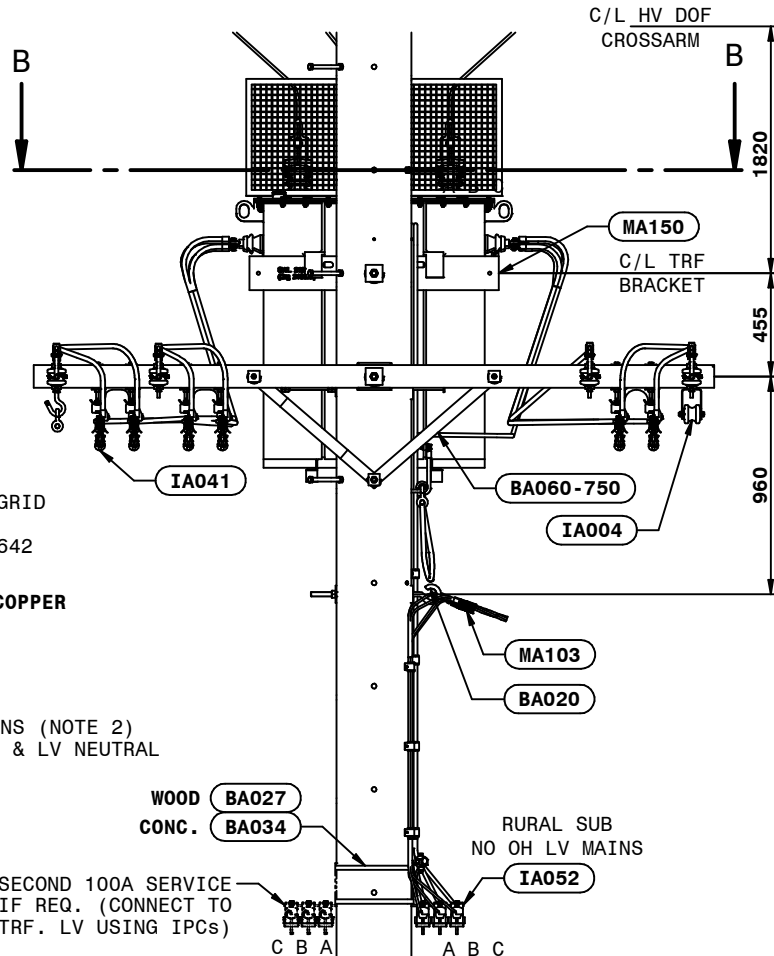
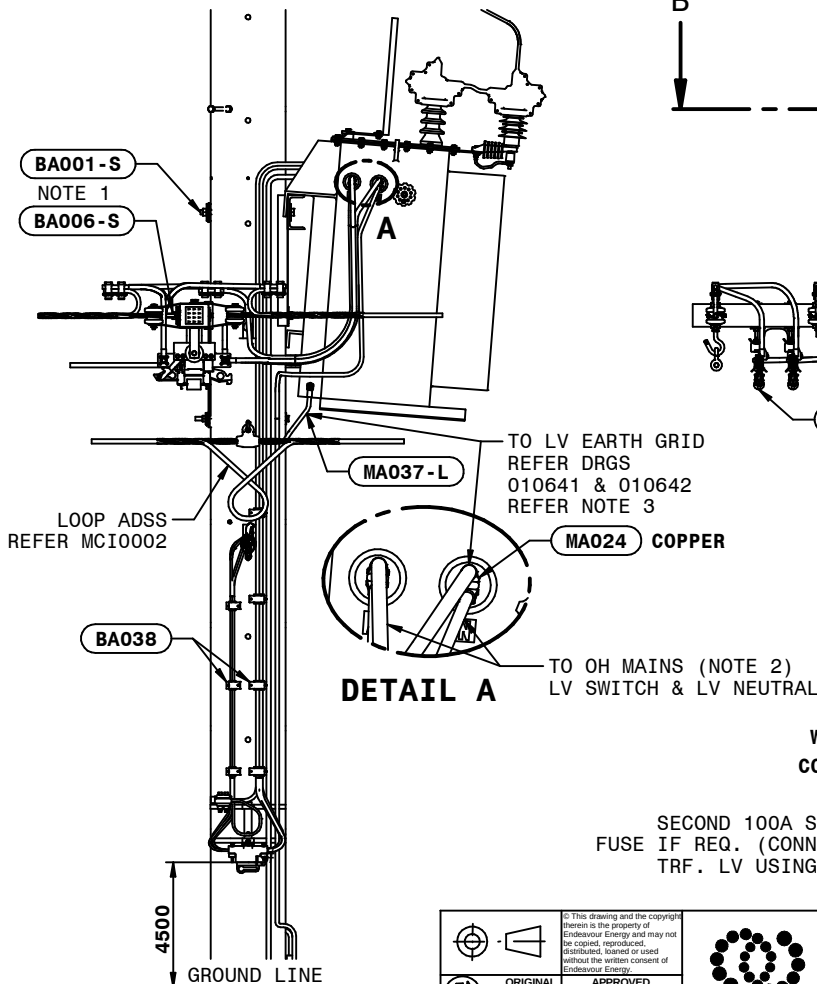
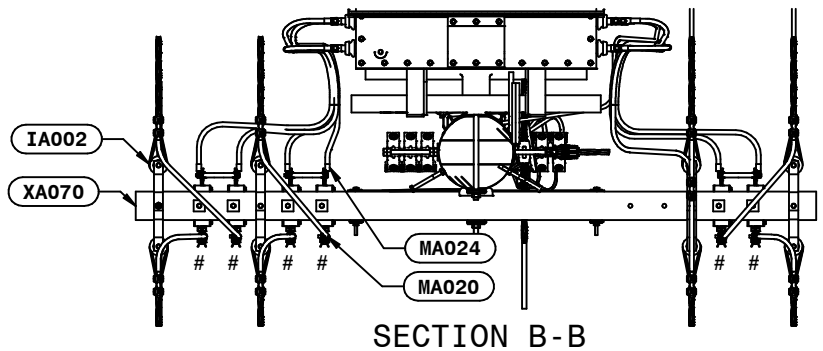
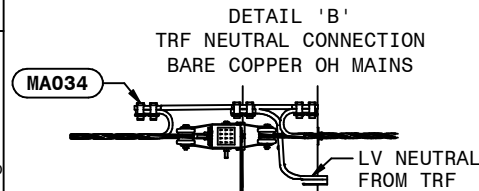
AMENDMENTS	
A	ORIGINAL ISSUE
B	DRN GSF CHD GSF DATE 25-07-10 UR No N/A NOTE 2 REVISED NOTE 9 AND MA180 ADDED
C	MDEB GSF DRN GSF CHD GSF DATE 07-11-14 UR No N/A IA020 NOW IA002 ADSS LOOP NOTE ADDED, MA180- SAFETY CHAIN & NOTE 9 REMOVED NSM C. Crusafulli

NOTES

- 1) TRANSFORMER MOUNTING BOLTS ARE TO BE STAINLESS STEEL GRADE A4 (316) CLASS 70 MIN. LUBRICATE ALL THREADS.
- 2) FOR TRANSF.'S UP TO 63KVA USE ONE SD 70mm SDI Cu CABLE, ABOVE 63KVA BUT BELOW 300KVA USE ONE SD 120mm SDI CABLE AND 300KVA AND ABOVE REQ. TWO SD 120mm SDI COPPER CABLES.
- 3) EARTHING TO BE IN ACCORDANCE WITH MCIO005 & SDI100.
- 4) # DENOTES POSITION OF HINGE IN TRF LV FUSES.
- 5) FOR SINGLE RURAL CUSTOMER THE FUSE HOLDER SHALL BE SUITABLE FOR BARREL TYPE 100A SERVICE FUSES. WHERE THE LOAD IS GREATER THAN 100A AN LVABC SWITCH MAY BE USED WHICH IS SUITABLE FOR DIN 2 FUSES UP TO 400A. TO SUPPLY TWO 100A CUSTOMERS IT WILL BE NECESSARY TO INSTALL A SECOND SWITCH/FUSE. IF THE COMBINED LOAD IS LESS THAN OR EQUAL TO 250KVA THEN AN IPC MAY BE USED TO CONNECT THE SECOND CUSTOMER TO THE TRANSFORMER LV DROPPER.
- 6) S/LIGHT ACTIVE MAY BE LOCATED OPPOSITE END OF XARM.
- 7) WHERE PRACTICAL THE TRANSFORMER 'A' PHASE & NEUTRAL BUSHING SHOULD BE ON THE SAME SIDE OF THE POLE AS THE AERIAL NEUTRAL. LV AERIAL PHASING AND NEUTRAL LOCATION TO BE AS PER LOCAL STREET MAINS ORIENTATION.
- 8) LV MAINS TO BE AS SHOWN FOR TWIN LV FUSES USED BUT MAY BE CHANGED TO PIN TYPE CONST. B01 WHEN LOAD IS LESS THAN 100A AND SINGLE FUSE LINKS USED.

ITEM	QTY	DESCRIPTION	REMARKS
BA001-S	1	BOLT M20 (TRF+POLE)	NOTE 1
BA002	1	EYEBOLT M20 (POLE+CHAIN)	NOTE 9
BA006-S	1	BOLT M20 (TRF+POLE+PLATFORM)	NOTE 1
BA020	1	HOOK BOLT (SERVICE)	
BA060-750	1	BRACE CROSSARM STD 750mm	
IA002	8	INS. SHACKLE LV - STRAP	NOTE 6
IA004	1	INS. SHACKLE LV- 'D' (S/LIGHT)	NOTE 6
IA041	6	LV USL FUSE LINKS	
MA020	A/R	CONNECTION BARE SIZE TO SUIT	
MA024	A/R	LUG 1 HOLE-TRF TO FUSES (Cu)	NOTE 2
MA034	6	SPLIT BOLT JOINT Cu-Cu	
MA037-L	1	LV EARTHING CONNECTION	NOTE 3
MA103	A/R	CLAMP STRAIN LV SERVICE	
MA150	1	BRACKET TRANSFORMER MOUNT	
XA070	1	XARM LV SUB 3000x125x100	

ALT. LV OPTION - APPROVAL BY DIST. ENG. REQUIRED			
IA052	1	LV SERVICE FUSE 100A 1-3Ø	NOTE 5
BA027	A/R	COACH SCREW	
BA034	A/R	BANDIT STRAP 19mm	
MA038	A/R	CABLE SADDLE + INS.	



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



POLE SUBSTATION
COASTAL LOW VOLTAGE
ASSEMBLY AND CONSTRUCTION

REFERENCE DRAWINGS		AUTHORISED
DO NOT SCALE DIMENSIONS IN MILLIMETRES		W. Isley
MANAGER ASSET ENGINEERING		22/04/09
A4 332057 C		SHEET No. 1 OF 1