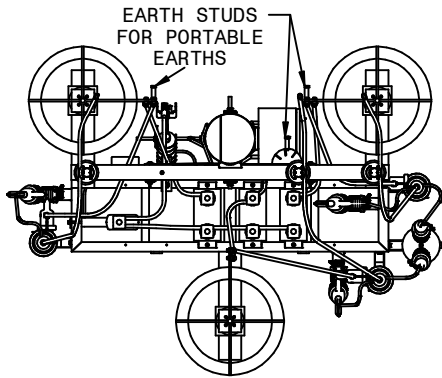


AMENDMENTS	
A	ORIGINAL ISSUE
B	USL CAP STAR POINT EARTH ADDED
DRN	G.S.F.
CHD	G.S.F.
DATE	09-08-13
UR No	N/A
MPS	G.S.F.

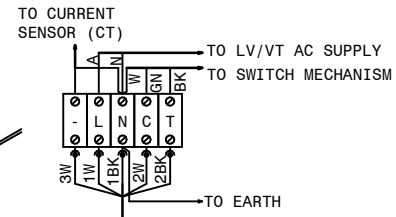
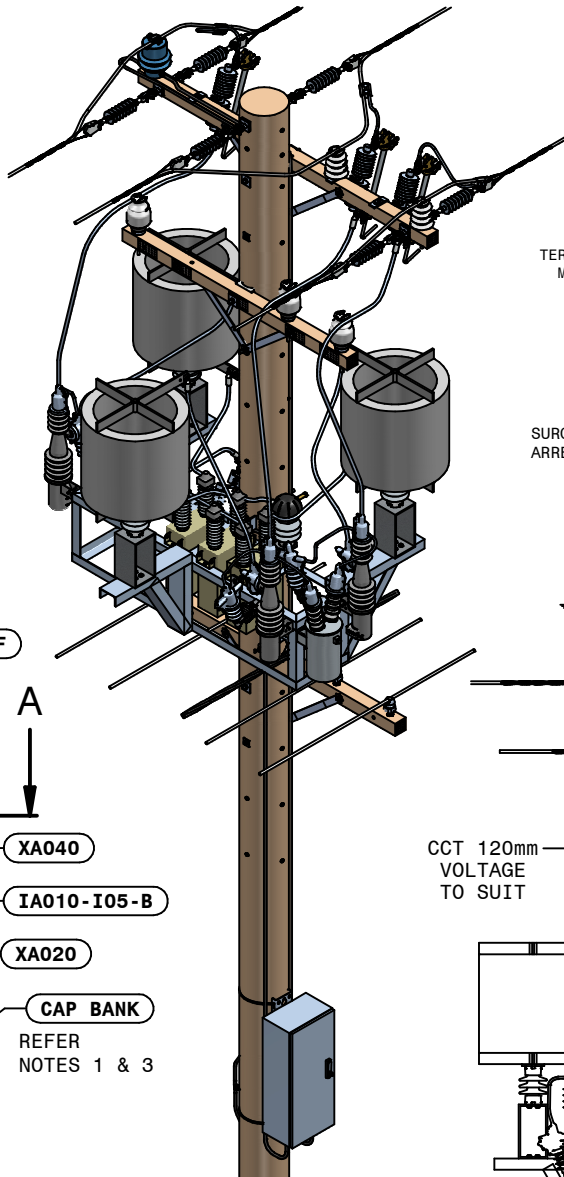
NOTES

- 1) THIS LINE SENSOR NEEDS TO BE CONNECTED TO THE PHASE THAT IS NOT CONNECTED TO THE VT. LV IS ISOLATED TO 15KV.
- 2) OVERHEAD MAINS CONSTRUCTION SHOWN ARE FOR INFORMATION ONLY AND MAY BE CHANGED TO SUIT DESIGN.
- 3) CAPACITOR COMPLETE WITH VT, SWITCHES, 1050Hz BLOCKING REACTORS AND LINE SENSOR CT TO BE SUPPLIED BY CAPACITOR MANUFACTURER ON A SUPPORT FRAME.

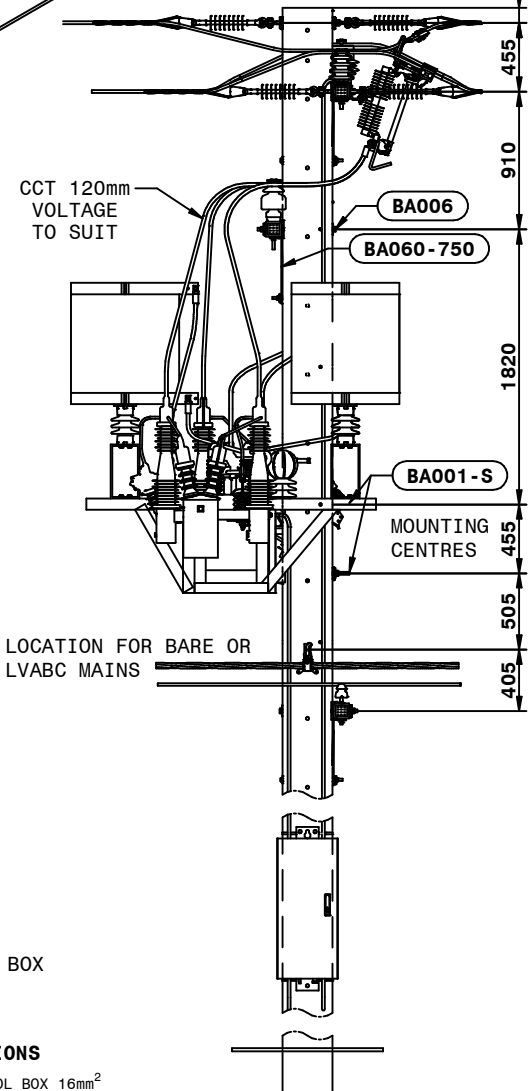
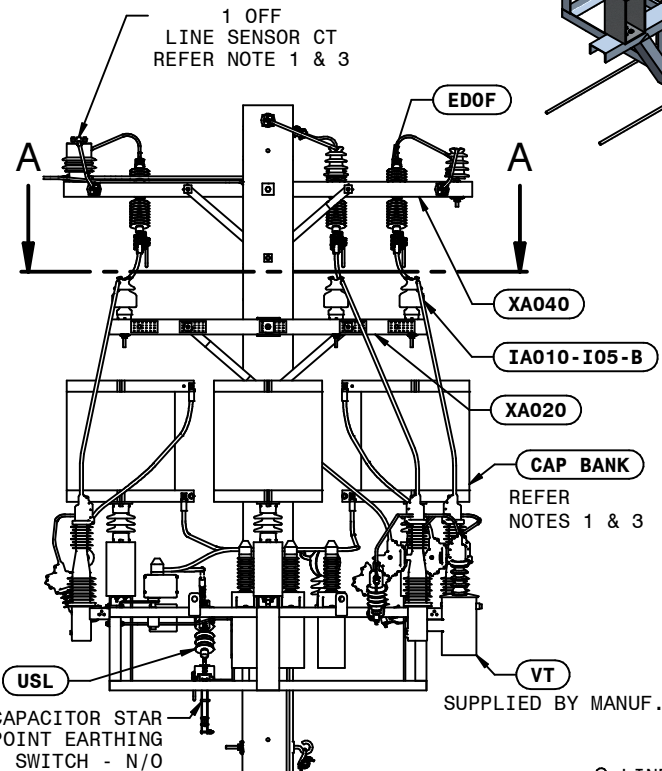
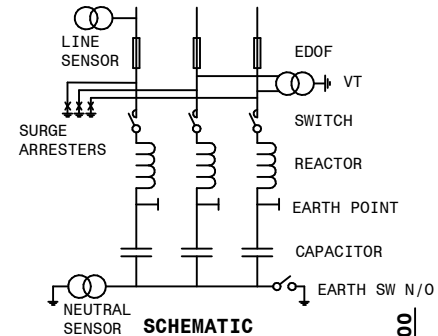
ITEM	QTY	DESCRIPTION	REMARKS
BA001-S	2	BOLT M20 S/STEEL (CAP+POLE)	
BA006	1	BOLT M20 (POLE+XARM)	
BA060-750	1	BRACE CROSSARM STD 750mm	
CAP BANK	1	CAPACITOR 3PH + 1050Hz BLOCK	NOTE 1&3
EDOF	3	BORIC ACID 22kV DOF	
IA010-I05/6	3	INS. LONG PIN (CCT 11/22kV)	
USL	1	UNDER SLUNG LINK 22KV 45°	
XA020	1	CROSSARM HV STD 2100x100x100	
XA040	1	CROSSARM HV STD 2700x100x100	



SECTION A-A
SOME ITEMS NOT SHOWN FOR CLARITY

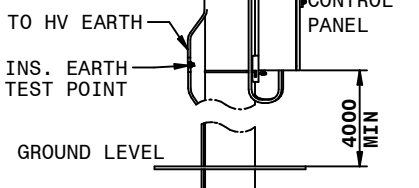


CONTROL WIRING
TERMINAL STRIP IN JUNCTION BOX
MOUNTED ON CAPACITOR FRAME



- LINE SENSOR
- CAP FRAME EARTH BAR
- SURGE DIVERTERS
- CAPACITORS
- REACTORS + VT
- VACUUM SWITCHES
- NEUTRAL SENSOR
- CONTROL BOX
- LV NEUTRAL IN JUNCTION BOX
- INS. EARTH TEST POINT

TO HV EARTH
EARTHING CONNECTIONS
ALL 70mm²-LINE SENSOR & CONTROL BOX 16mm²



ORIGINAL SCALE	APPROVED
DRAWN G. Ford	G. Ford
DATE 19/12/12	
CHD G. Ford	



OVERHEAD 11-22kV CONST. No. HCAP
POLE MOUNTED CAPACITOR
WITH 1050Hz BLOCKING INDUCTOR

REFERENCE DRAWINGS	
DO NOT SCALE DIMENSIONS IN MILLIMETRES	AUTHORISED J. Perera MANAGER DIST. ENGINEERING 19/12/12
A4	332061 B
SHEET No. 1 OF 1	