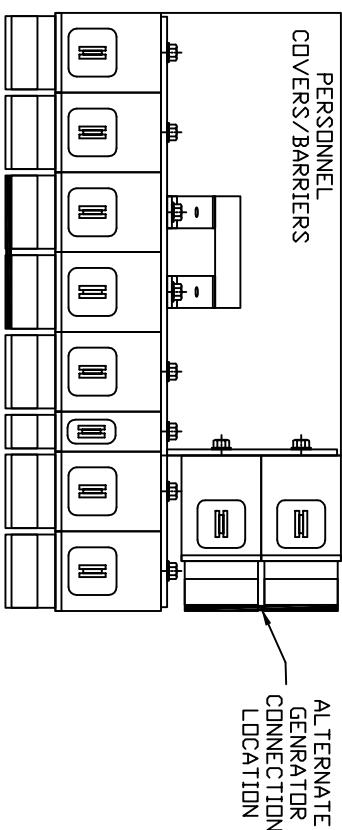
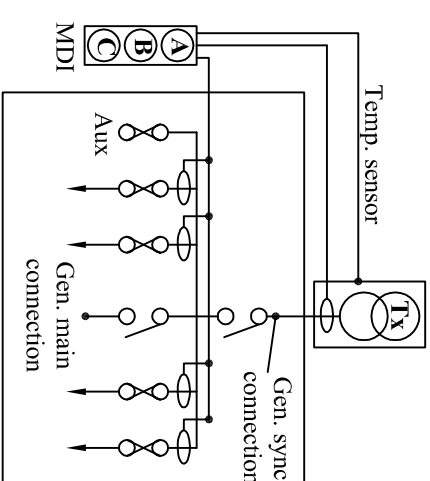
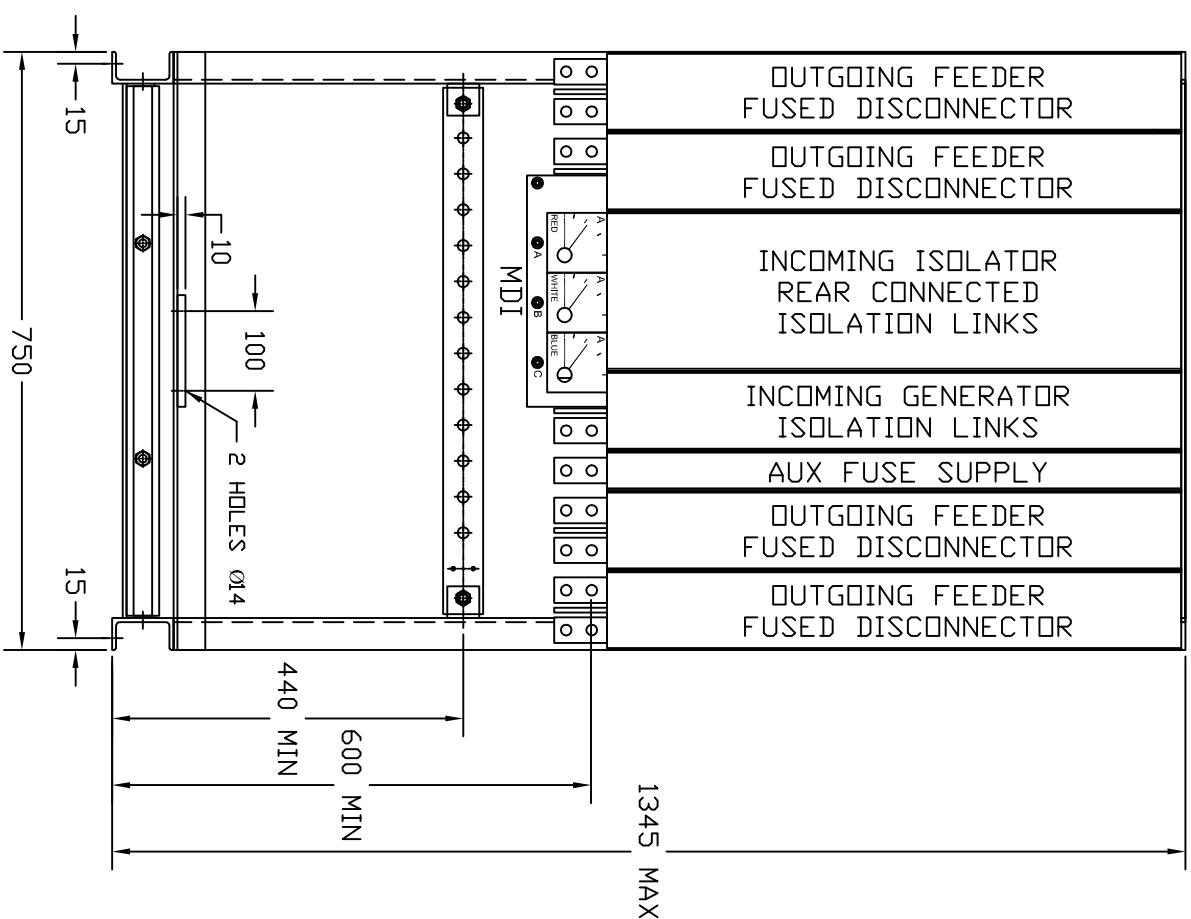
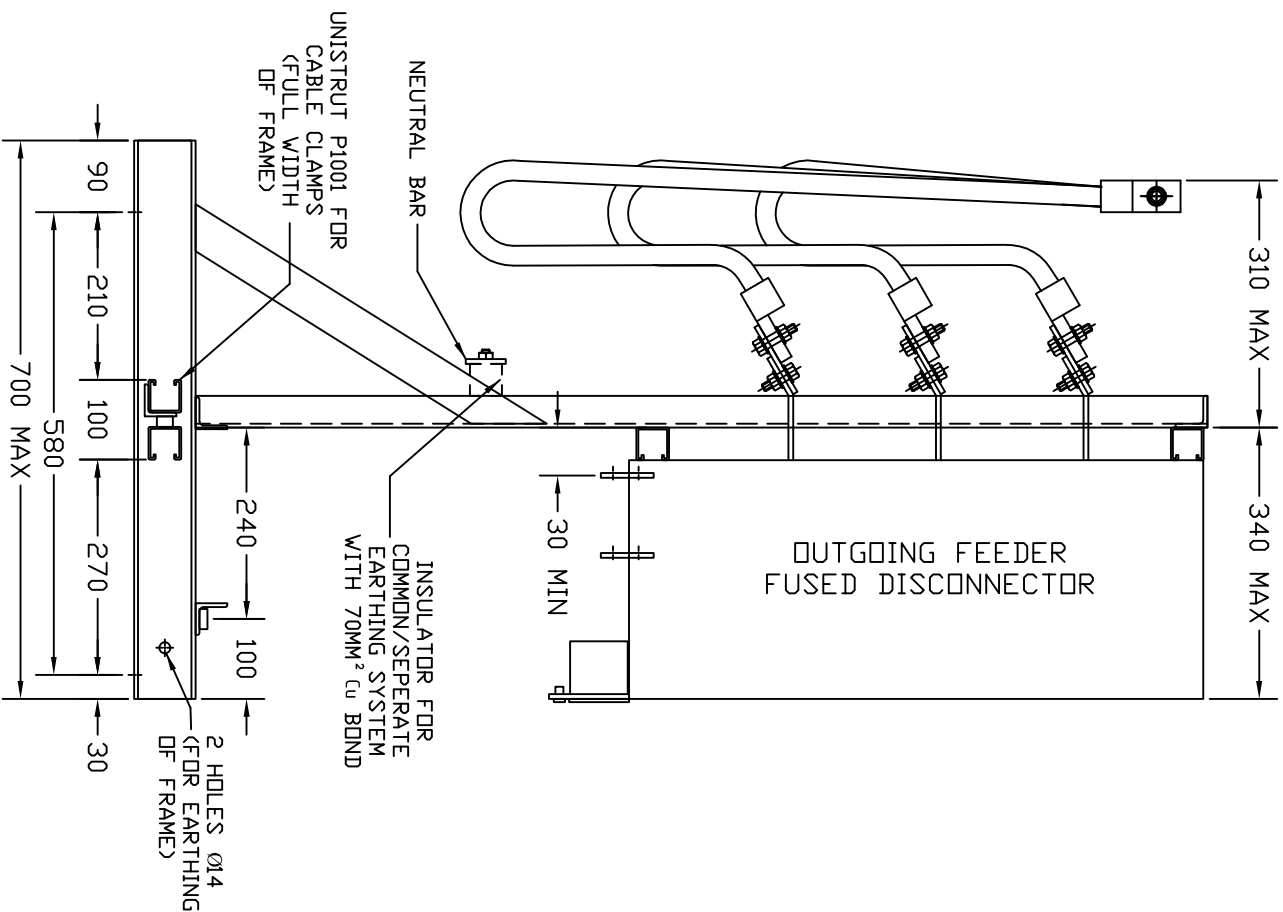


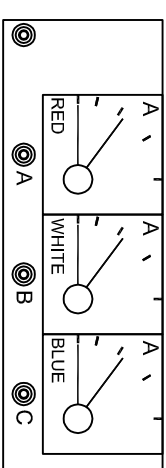
NEUTRAL EARTH BAR
BAR COPPER FLAT HDHC 50 x 6
FINISH: TINNED AFTER FABRICATION



TOP VIEW OF LV WITH GENERATOR
CONNECTION LOCATION OPTIONS



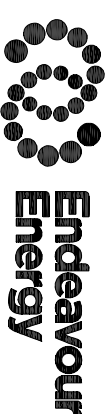
SCHEMATIC DIAGRAM



MAXIMUM DEMAND INDICATORS

EXAMPLE METERS AND
TEST PLUG ARRANGEMENT
(REFER NOTE 5)

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REFERENCE DRAWINGS	
DO NOT SCALE DIMENSIONS IN MILLIMETRES	AUTHORISED W. Isley

AMENDMENTS		
A	ORIGINAL ISSUE	
B	DR'N	KT
	CH'D	VM
	DATE 26-4-06	
	JR Ng--	
STAND OFF INSUL. & Cu LINK ADDED TO NEUTRAL EARTH BAR NOTE 4 ADDED. TITLE REVISED		
C	DSM	VM
	DR'N	GSF
	CH'D	GSF
	DATE 06-9-10	
JR Ng--		
WIDTH REDUCED FROM 965 TO 750. MDI TYPE AND LOCATION MODIFIED. ALT. GEN. LOCATION ADDED.		
MDEB		GSF

DRAWN	G. Ford		
DATE	23/10/2001		
CHD	G. Ford		

PADMOUNT SUBSTATION LV DISTRIBUTION BOARD FRAME TO SUIT SIZE 14 & 16 SUBSTATION ARRANGEMENT DETAILS		A3	
266515		C	
SHEET No 1 OF 1 SHEETS			

- 1) DRAWING TO BE READ IN CONJUNCTION WITH THE PADMOUNT SUBSTATION STANDARDS.
- 2) FRAME TO BE FULLY SEAL WELDED IN ACCORDANCE WITH ASI554. REMOVE ALL SHARP EDGES, MILL SCALE, WELDING SLAG AND SPLATTER FRAME FINISH: HOT DIP GALVANISED TO ASI650.
- 3) FRAME TO BE SUITABLY BRACED TO MAINTAIN STABILITY UNDER OPERATING CONDITIONS. ANY BRACING USED MUST NOT EXTEND ABOVE THE NEUTRAL EARTH BAR.
- 4) SWITCHGEAR FOOTING SHALL BE DESIGNED TO MATCH PADMOUNT SUBSTATION DRAWING NUMBER 245886.
- 5) THE MDI IS TO BE ABLE TO BE REPLACED WITHOUT AN OUTAGE ON LV. MDI TO FACE SAME SIDE AS WHERE SWITCHING OPERATIONS ARE PERFORMED BUT LOCATION IS NEGOTIABLE.

NOTES

1) DRAWING TO BE READ IN CONJUNCTION WITH THE PADMOUNT SUBSTATION STANDARDS.

2) FRAME TO BE FULLY SEAL WELDED IN ACCORDANCE WITH ASI554.
REMOVE ALL SHARP EDGES, MILL SCALE, WELDING SLAG AND SPLATTER
FRAME FINISH: HOT DIP GALVANISED TO ASI650.

3) FRAME TO BE SUITABLY BRACED TO MAINTAIN STABILITY UNDER OPERATING CONDITIONS. ANY BRACING USED MUST NOT EXTEND ABOVE THE NEUTRAL EARTH BAR.

4) SWITCHGEAR FOOTING SHALL BE DESIGNED TO MATCH PADMOUNT SUBSTATION DRAWING NUMBER 245886.

5) THE MDI IS TO BE ABLE TO BE REPLACED WITHOUT AN OUTAGE ON LV. MDI TO FACE SAME SIDE AS WHERE SWITCHING OPERATIONS ARE PERFORMED BUT LOCATION IS NEGOTIABLE.