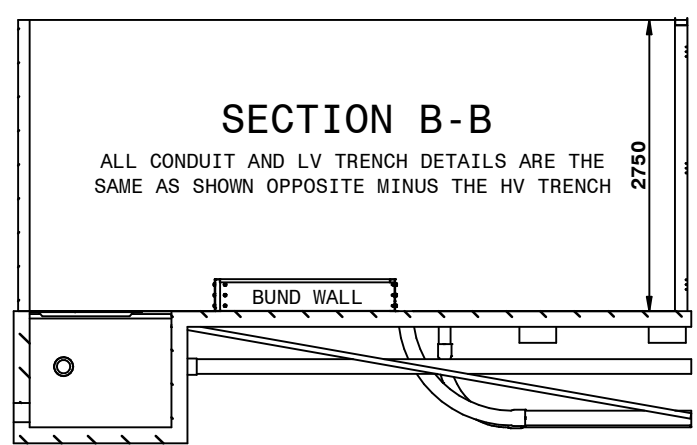
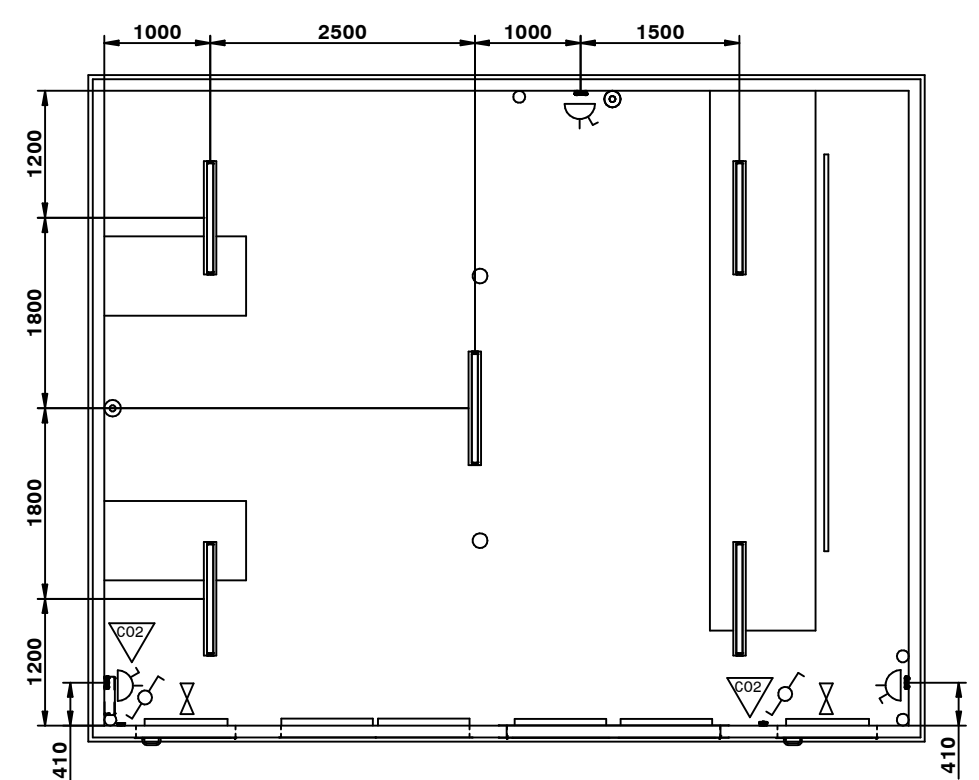
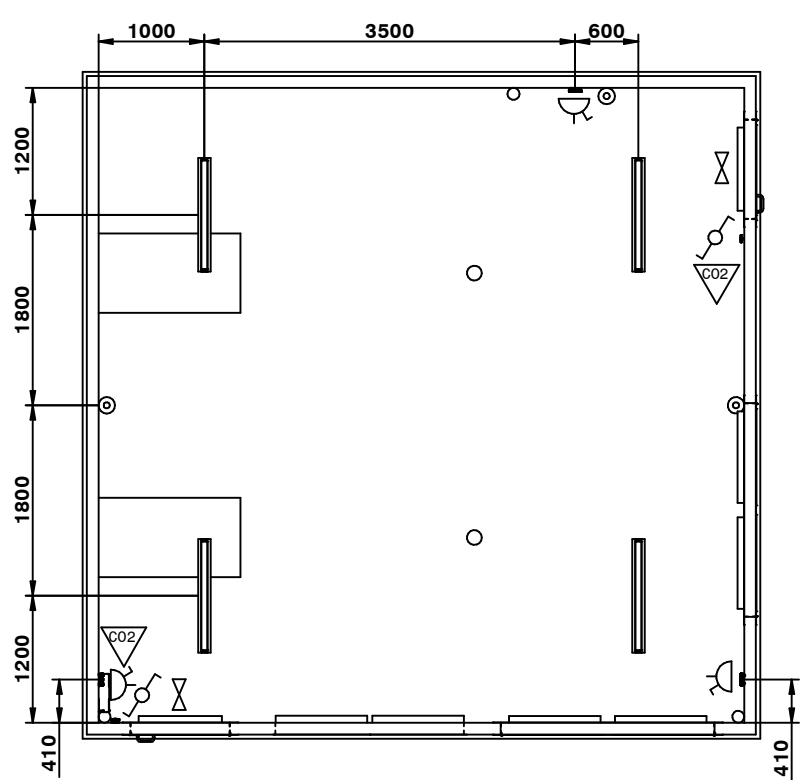
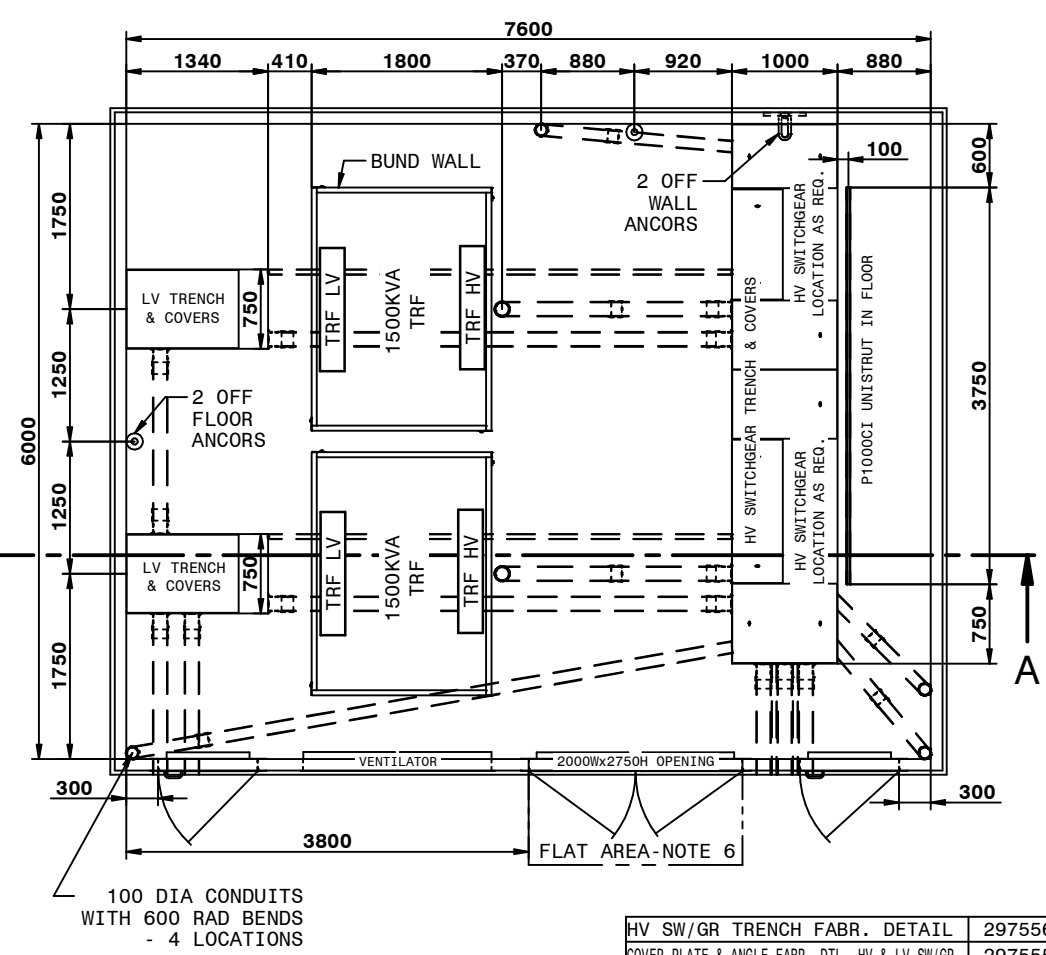
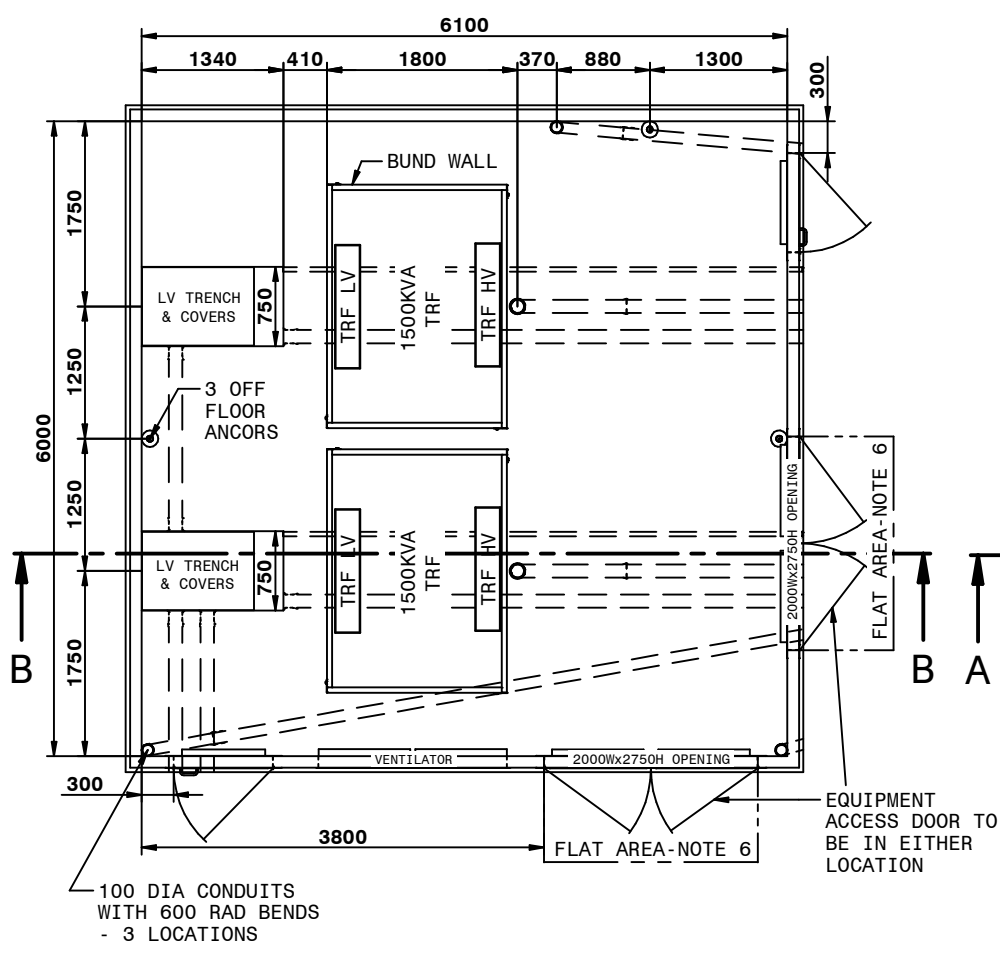
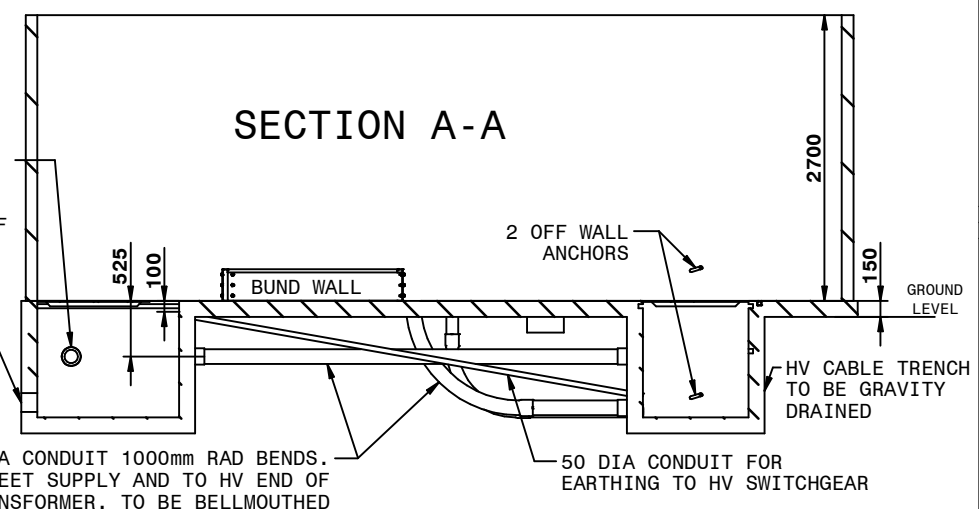


1		2		3
NOTES				
1) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DISTRIBUTION STANDARDS MDI0028 & MCI0006.				
2) BUND WALLS TO BE ERECTED AS PER STANDARD AFTER INSTALLATION OF OIL/FLUID FILLED TRANSFORMERS.				
3) VENTILATORS ARE SHOWN IN TYPICAL LOCATIONS ONLY. VENTILATORS IN WALLS ADJACENT TO HV SWITCHGEAR SHALL BE INSTALLED 2000mm ABOVE FLOOR LEVEL.				
4) REFER TO INDIVIDUAL HV SWITCHGEAR SUBSTATION DESIGN INSTRUCTION FOR DETAILS OF INSTALLING SWITCHGEAR MOUNTING STEELWORK.				
5) ALL CONDUITS TO BE SEALED BY FIRE PROOF SEALANT AT ALL TIMES. CONDUITS TO RUN TO PROPERTY BOUNDARY.				
6) A FLAT AREA AT LEAST 1.5m DEEP x 1.5m WIDE TO SUPPORT 5 TONNES IS REQUIRED IN FRONT OF EQUIPMENT LOADING DOORS TO ALLOW THE TRANSFORMER TO BE SET DOWN AFTER UNLOADING FROM THE TRUCK.				

			
SWITCHED SOCKET	5.0kg CO2 FIRE EXTINGUISHER FITTED WITH HOSE ATTACHMENT	2 WAY SWITCH	PULLING RING
			
DISTRIBUTION BOARD	EXIT LIGHT FITTING NON-MAINTAINED BARDIC TYPE NMIONS/DS1A OR EQUIVALENT	FLUORESCENT FITTING TWIN 40 WATT	



125 DIA CONDUITS -
LV TIE BETWEEN
TRANSF. AND TO
PROPERTY BOUNDARY IF
REQ. REFER NOTE 5.



MAJOR EQUIPMENT MASS	
HV SWITCHGEAR MODULES	500kg EACH
POWER TRANSFORMER	5000kg EACH

HV SW/GR TRENCH FABR. DETAIL	297556
COVER PLATE & ANGLE FABR. DTL- HV & LV SW/GR	297555
FLOOR PENETRATION & TRENCH DTL - HV & LV SW/GR	297547
CONCRETE WALL ANCHOR FABRICATION DETAIL	040879
REMOVABLE PULLING RING & SOCKET FABR. DTL	040877
INDOOR DIST SUB TYPICAL CONDUIT DETAILS	040881

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		ORIGINAL SCALE	
		APPROVED	
		G. Ford	
DRAWN	G. Ford		
DATE	08/07/05		
CH'D	G. Ford		
		INDEX REF S001A	



	DIMENSIONS IN MILLIMETRES
STANDARD LAYOUT FOR A TWO TRANSFORMER INDOOR DISTRIBUTION SUBSTATION WITH & WITHOUT HV AND LV TRENCHES TO SUIT UPTO 1500KVA DRY OR OIL FILLED TRANSFORMERS	

REFERENCE DRAWINGS			
DO NOT SCALE DIMENSIONS IN MILLIMETRES		AUTHORISED W. Isley	
TWO TRANSFORMER SUBSTATION TRENCHES TO SUIT ILLED TRANSFORMERS		MANAGER ASSET ENGINEERING 08/07/05 A3 297558 C SHEET No. 1 OF 1	