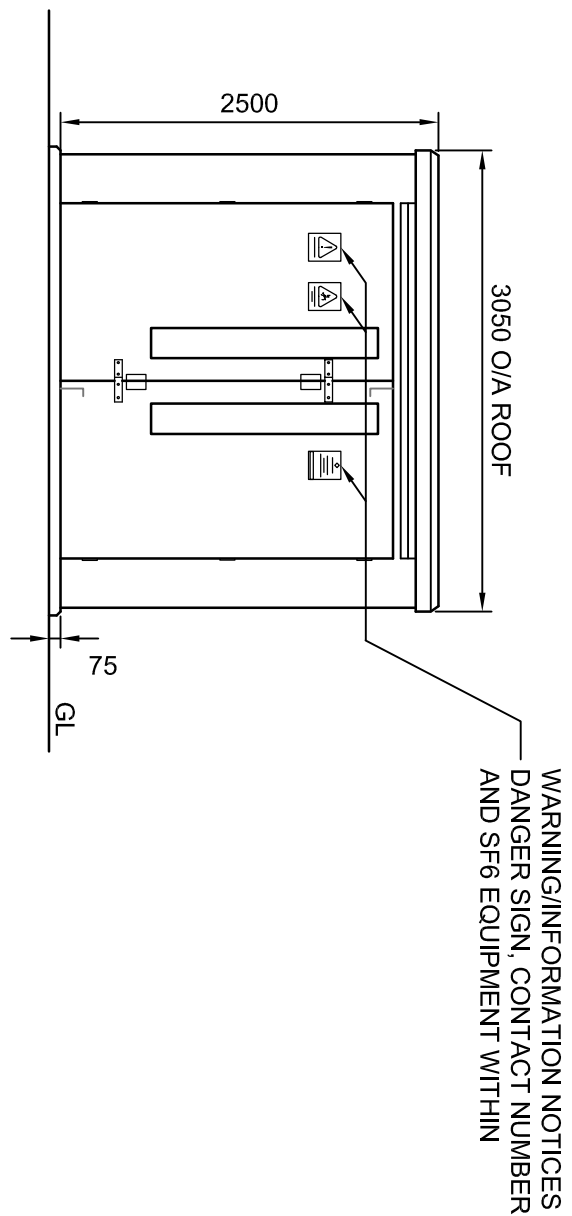
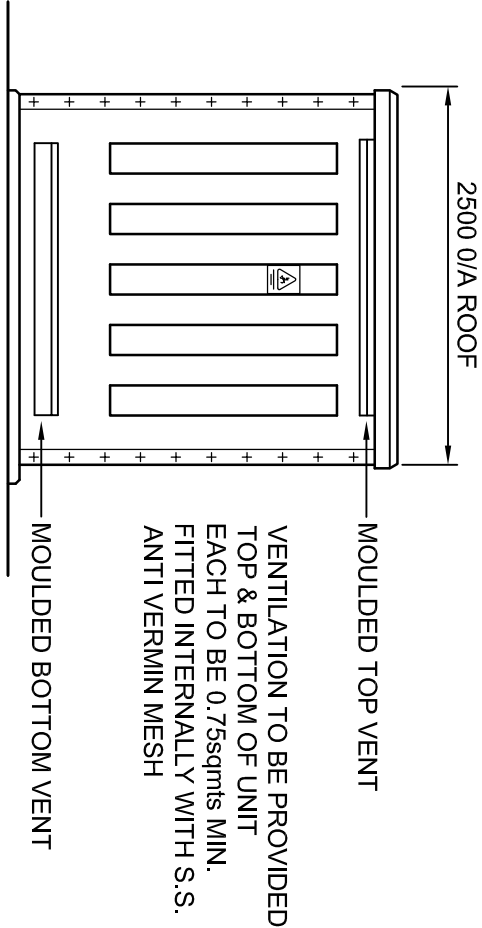
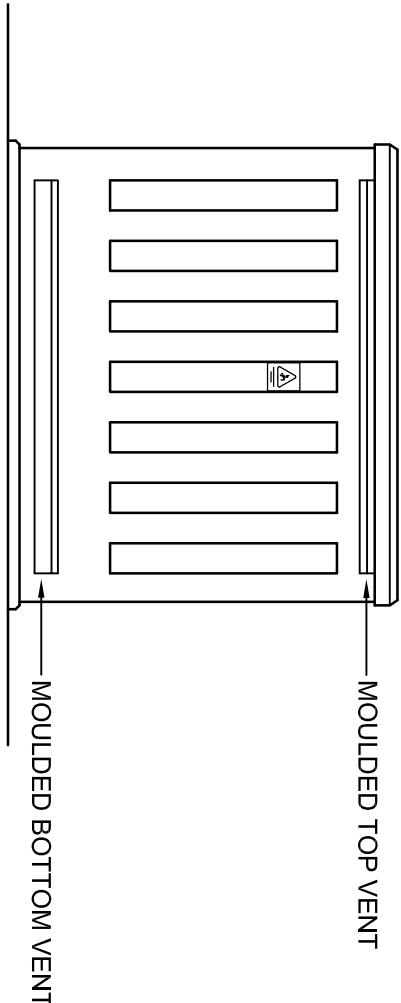




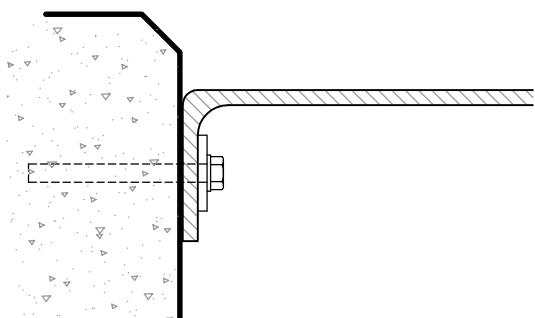
FRONT ELEVATION



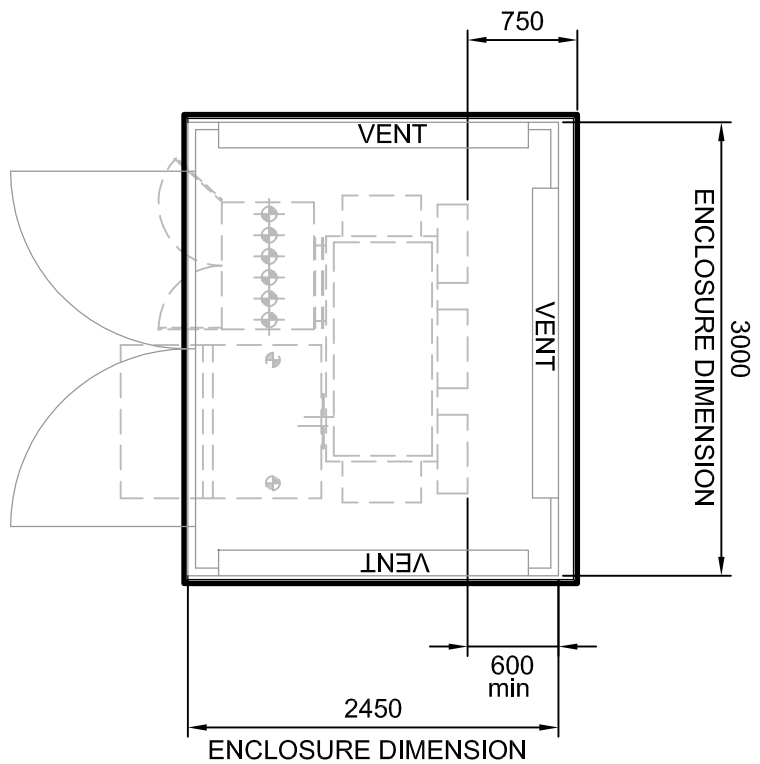
SIDE ELEVATION
OPPOSITE SIDE IDENTICAL



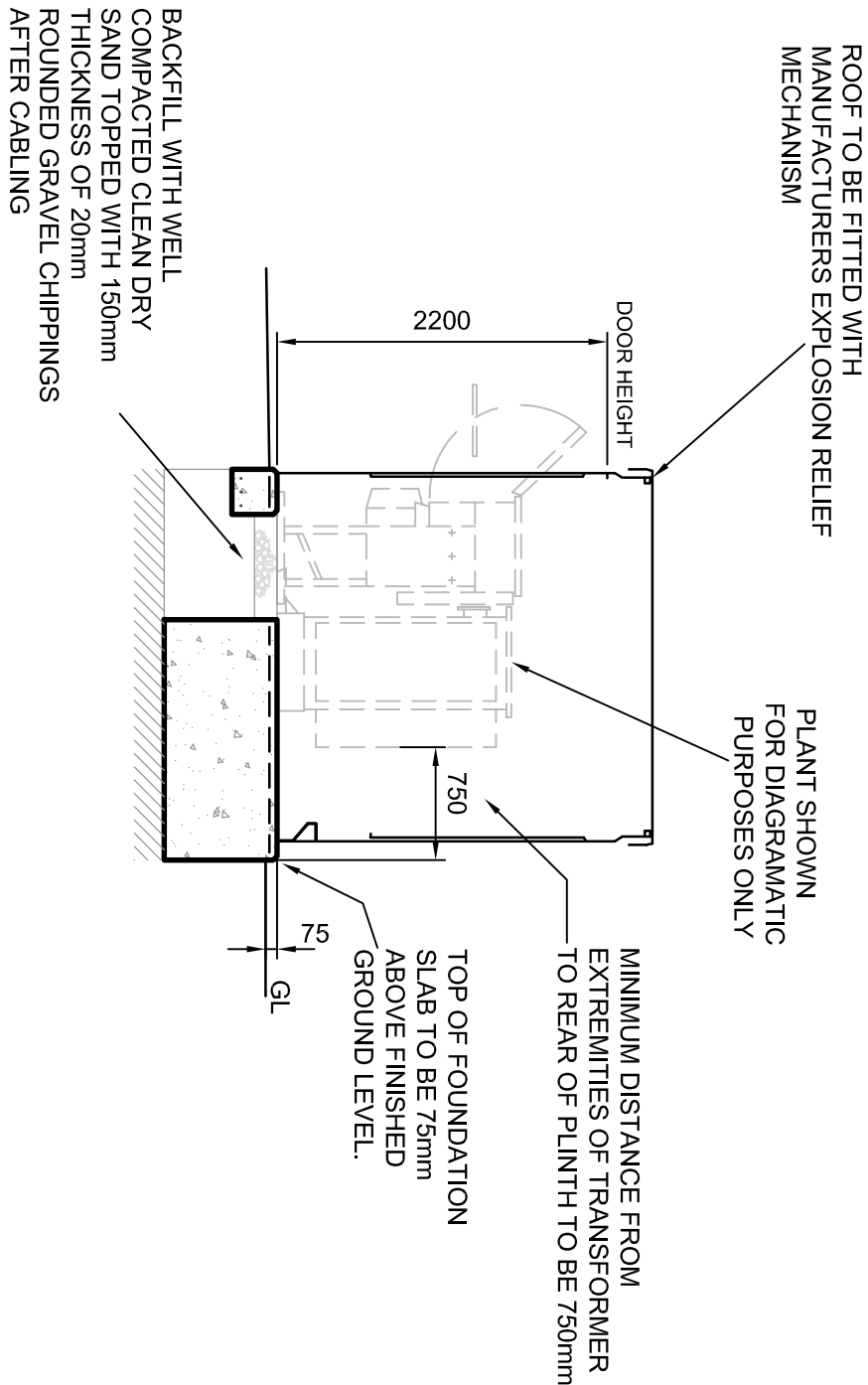
REAR ELEVATION



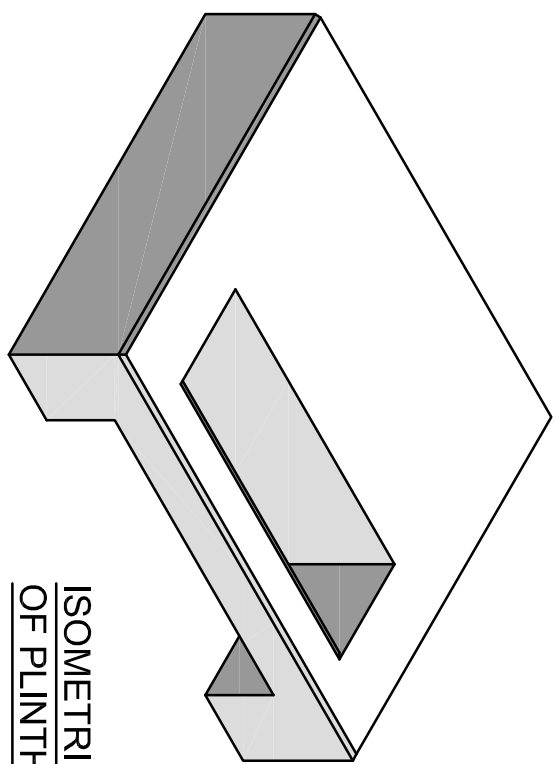
TYPICAL HOLDING DOWN DETAIL



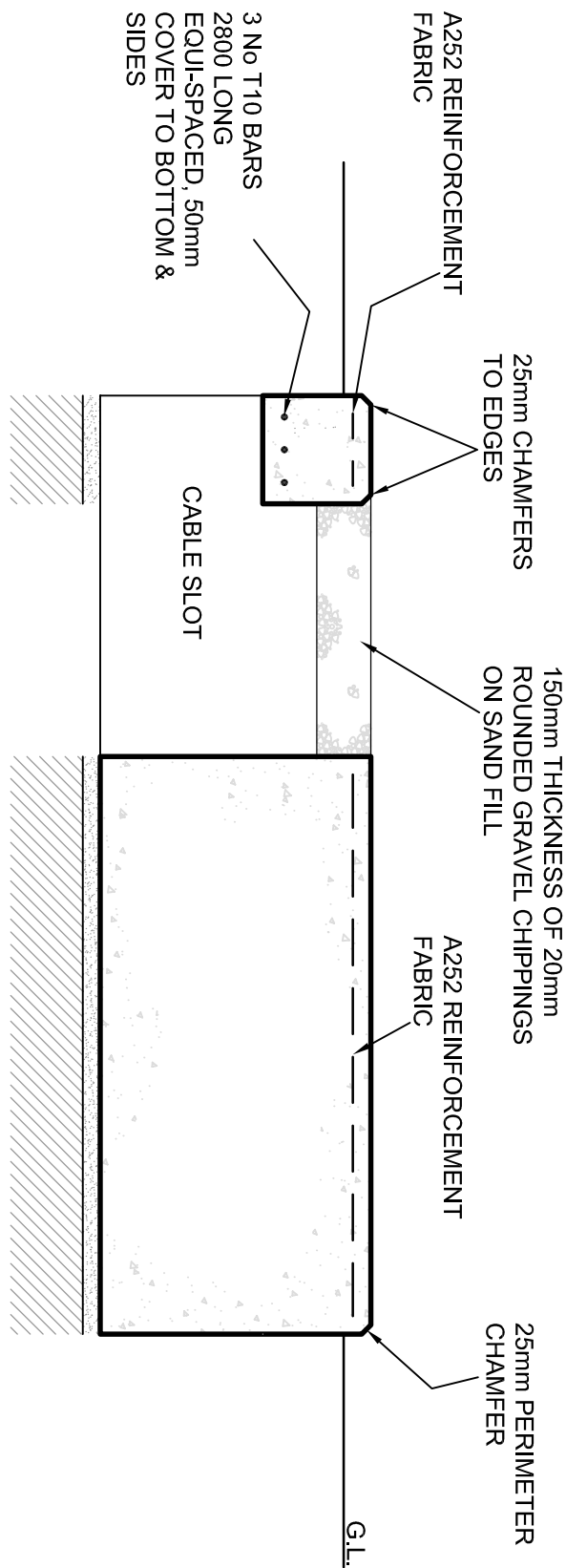
PLANT LAYOUT PLAN



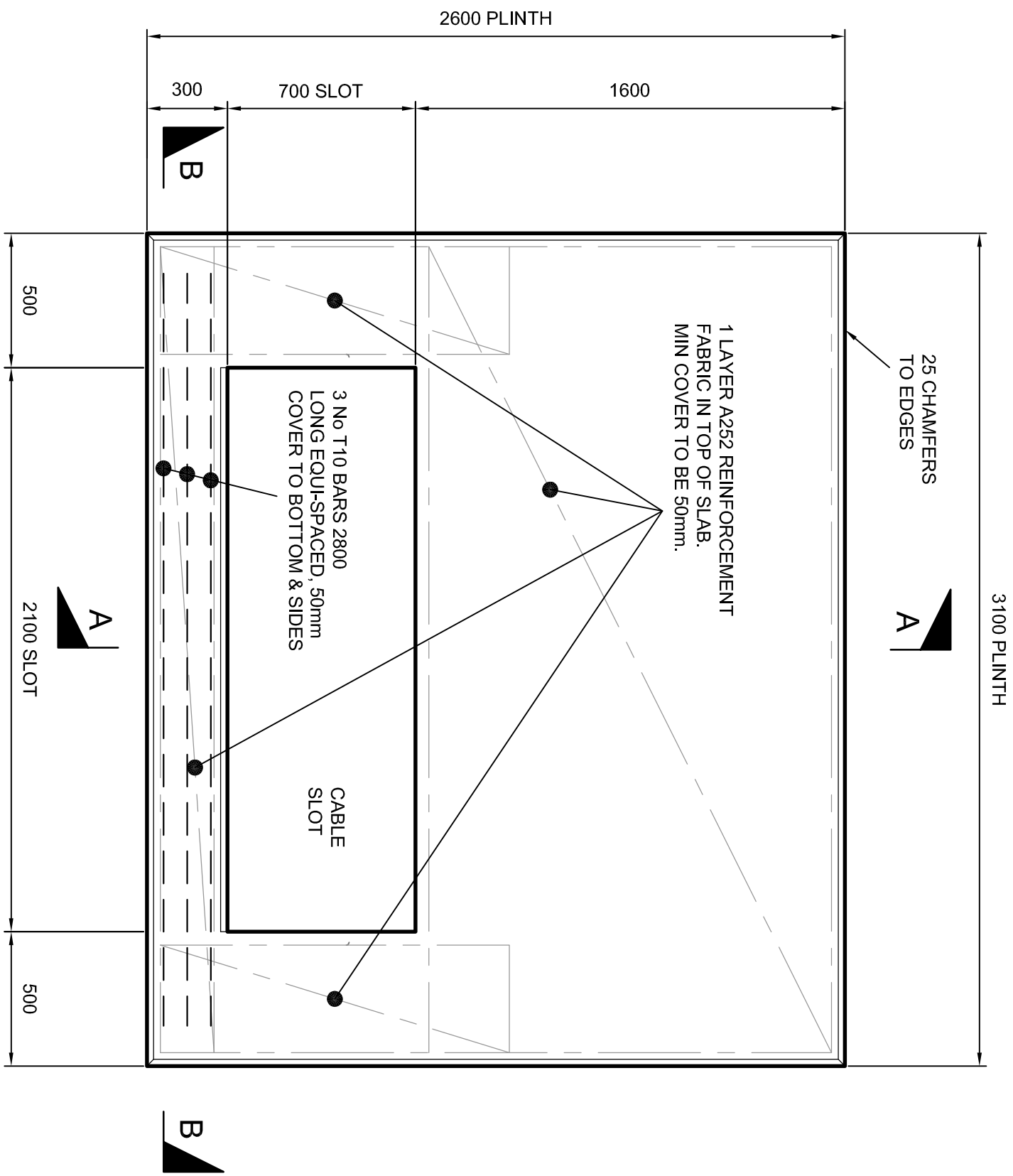
PLANT SECTION



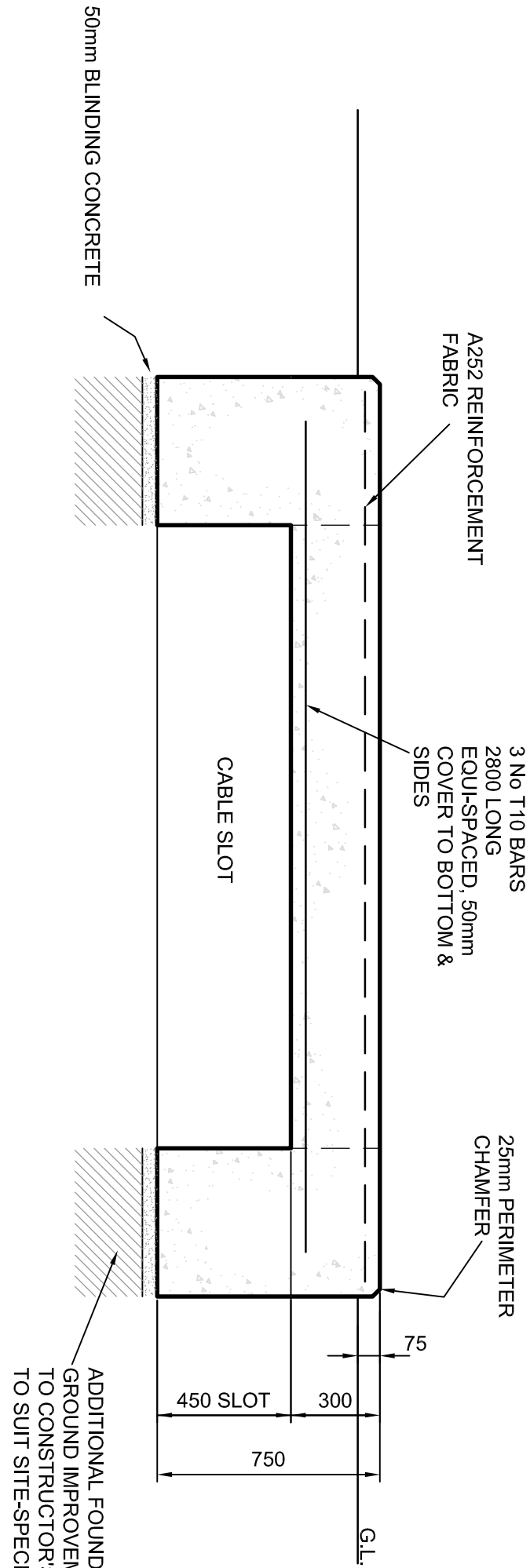
ISOMETRIC VIEW
OF PLINTH



SECTION A - A
SCALE 1:20



FOUNDATION PLAN
SCALE 1:20



SECTION B - B
SCALE 1:20

NOTES

CONCRETE
THE CONCRETE TO BE IN ACCORDANCE WITH THE SPECIFICATION AND ATTAIN THE RELEVANT CUBE CRUSHING STRENGTH AT 28 DAYS.

EARTHWORKS
PLINTH TO BE SET ON UNDISTURBED INORGANIC STRATA THAT PROVIDE THE REQUIRED MINIMUM DESIGN SAFE GROUND BEARING CAPACITY.

PLINTH (CONCRETE 40N/mm² 28 DAY CUBE STRENGTH)
A FLAT LEVEL AND SMOOTH FLOOR SURFACE IS ESSENTIAL FOR INSTALLATION OF PLANT. TOLERANCE TO FINISHED LEVEL EXPRESSED AS A MAXIMUM PERMISSIBLE DEVIATION BENEATH A STRAIGHT EDGE WITH FEET PLACED ANYWHERE ON THE FLOOR SHALL NOT EXCEED 1mm IN 1M OR 3mm IN 3M.

CABLE SLOT
ON COMPLETION OF CABLING, CABLE AREA TO BE FILLED WITH DRY SAND AND TOPPED WITH 150mm DEPTH OF 20mm ROUNDED GRAVEL CHIPPINGS

FOUNDATION & FLOOR LAYOUT DETAILS INDICATED ARE TYPICAL FOR UNIT SUBSTATIONS HOUSING OUTDOOR EQUIPMENT AND WOULD NOT THEREFORE BE APPLICABLE TO OTHER SUBSTATION TYPES.

THIS DRAWING TO BE READ IN CONJUNCTION WITH SUB-03-017 GENERAL SPECIFICATION FOR THE CIVIL ENGINEERING AND BUILDING DESIGN AND CONSTRUCTION OF SECONDARY SUBSTATIONS



SP PowerSystems Ltd
System Design, Drawing Office
3 Penton Way, Preston, CH43 3ET
Telephone 0151 6092491

Title
TYPICAL FOUNDATION PLINTH FOR 11kV UNIT SUBSTATION
WITH 3.0 X 2.45M GRP ENCLOSURE

Location						
TYPICAL						
Drawn	Date	Checked	Date	Approved	Date	
T.C.	27/3/96	H.R.B.	27/3/96	C.W	27/3/96	
Status	Dwg. No.		Rev.			
FOR ISSUE	SP20222244		5.0		Size	
					A1	
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