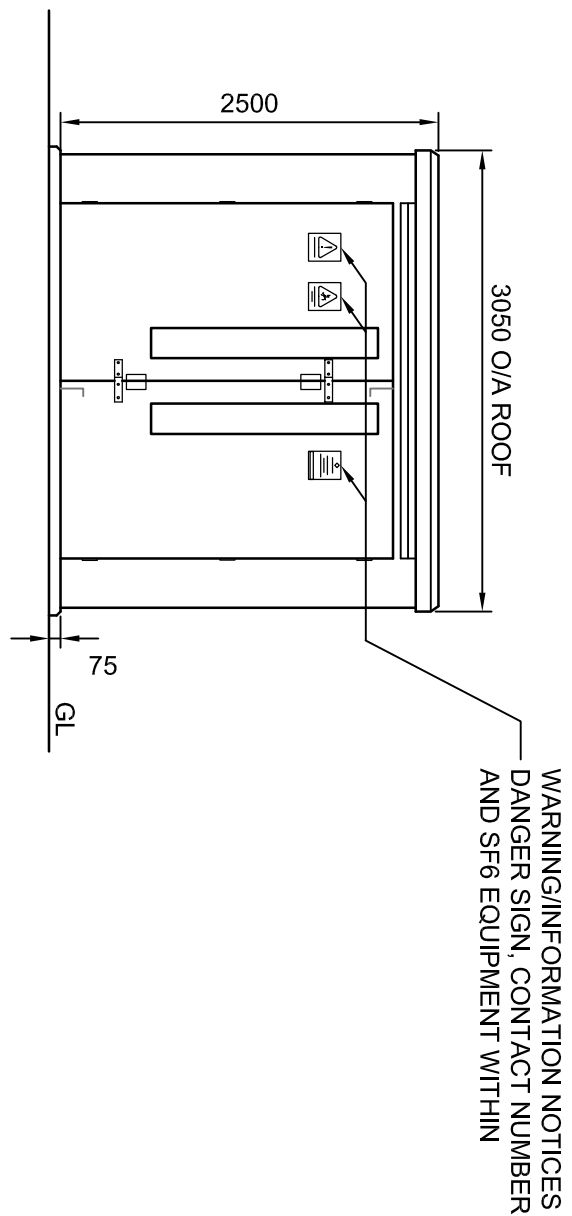
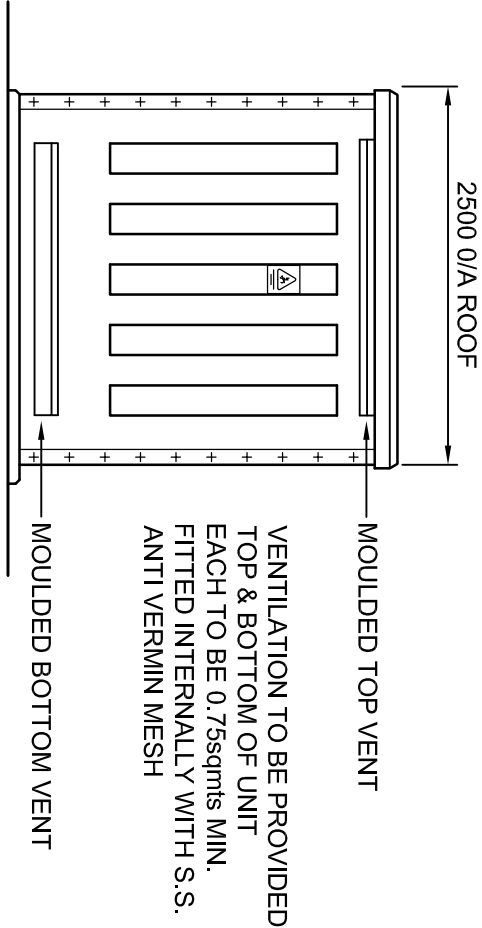
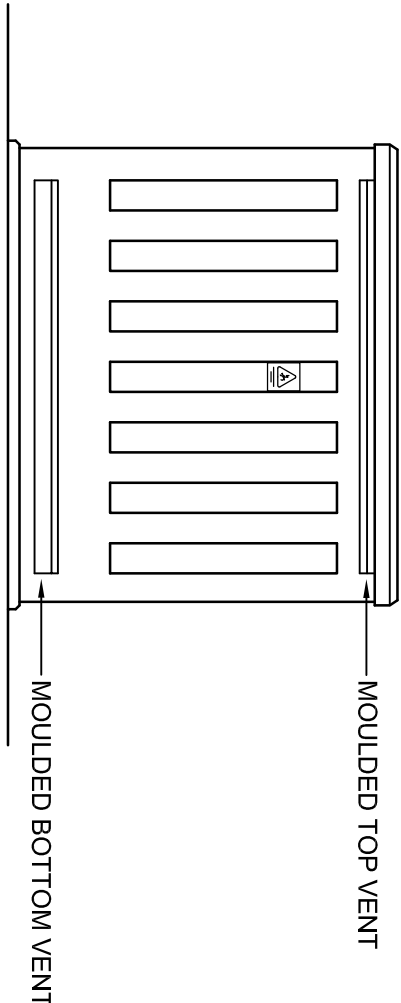




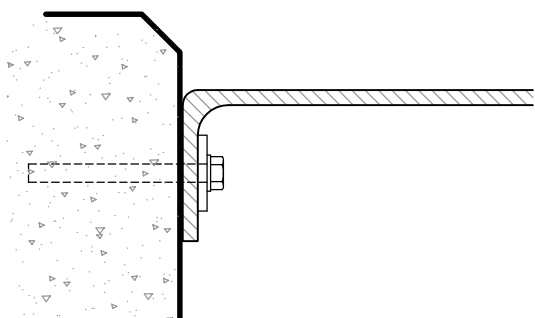
FRONT ELEVATION



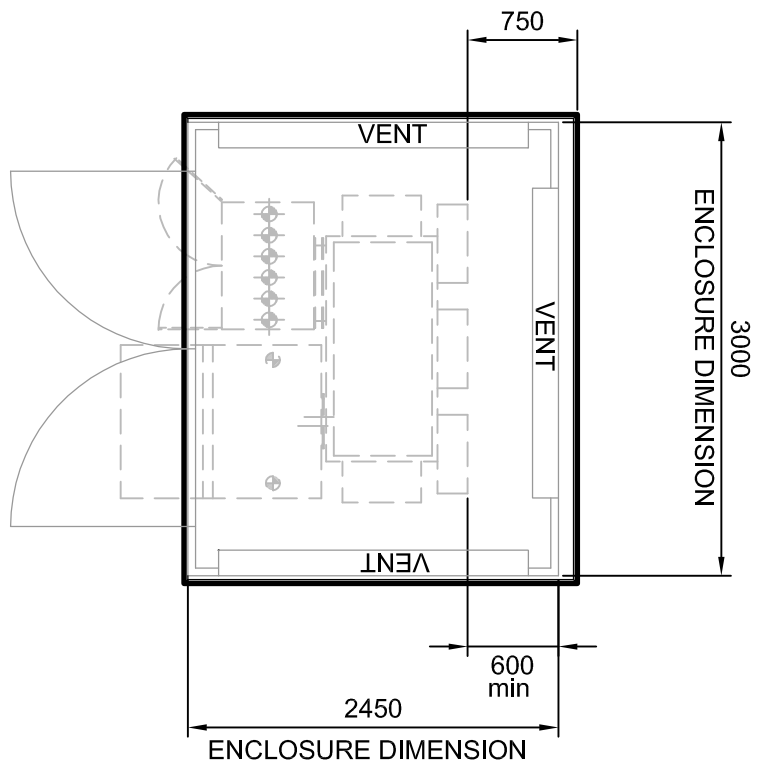
SIDE ELEVATION
OPPOSITE SIDE IDENTICAL



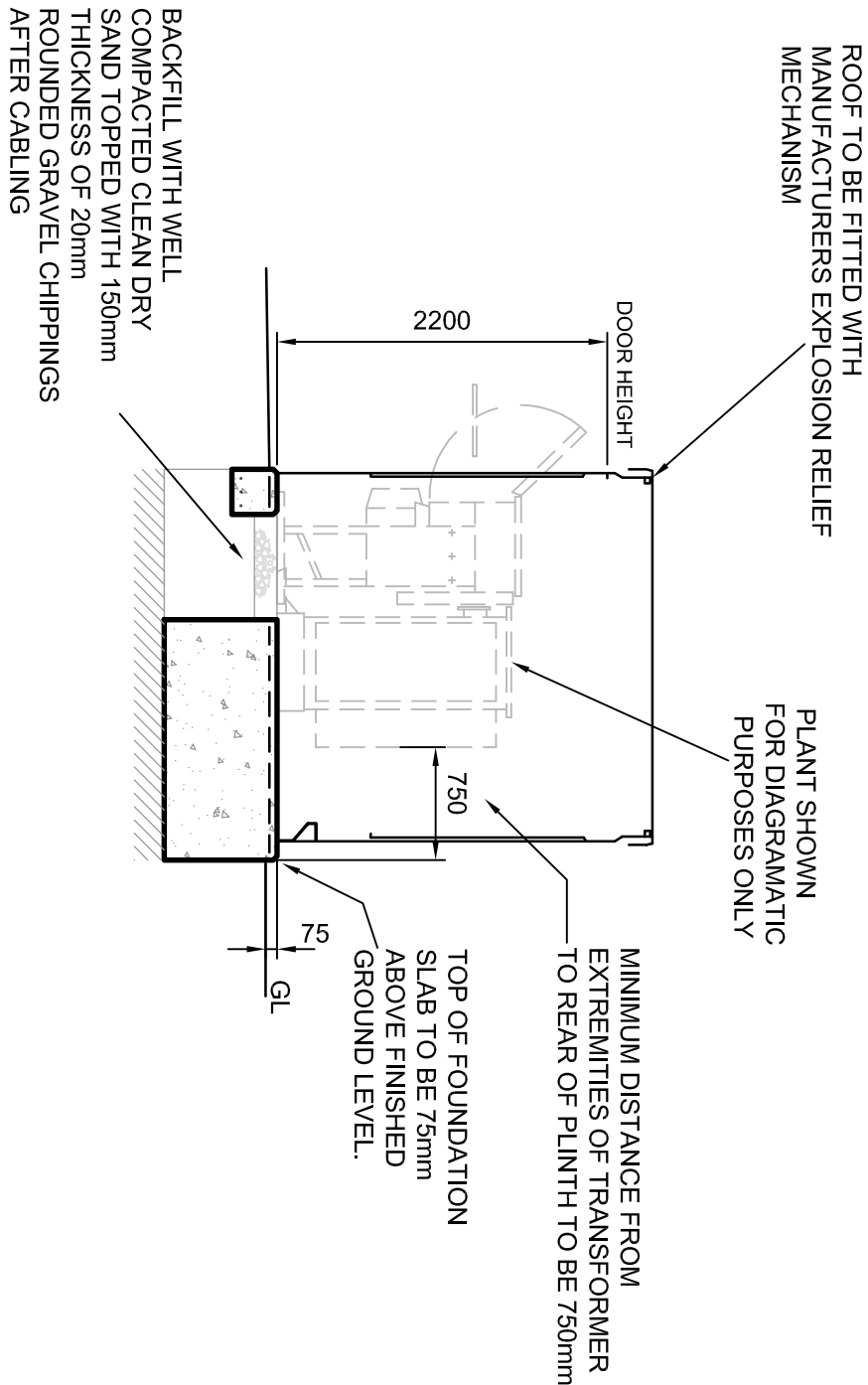
REAR ELEVATION



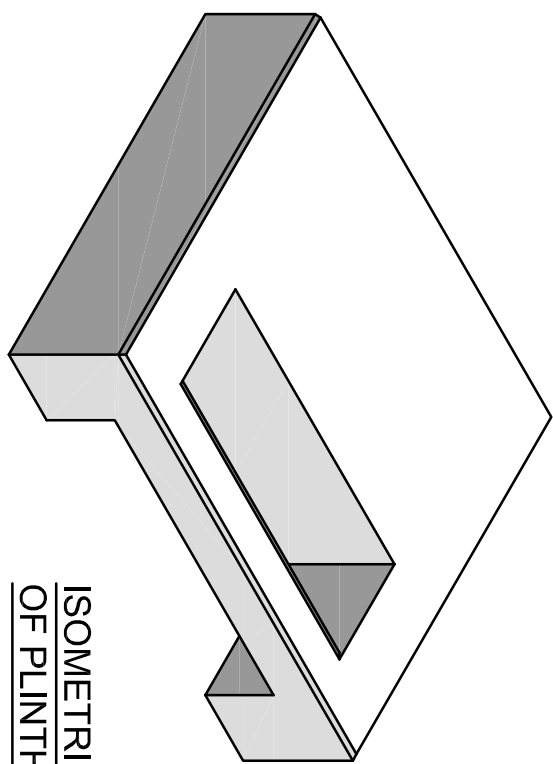
TYPICAL HOLDING DOWN DETAIL



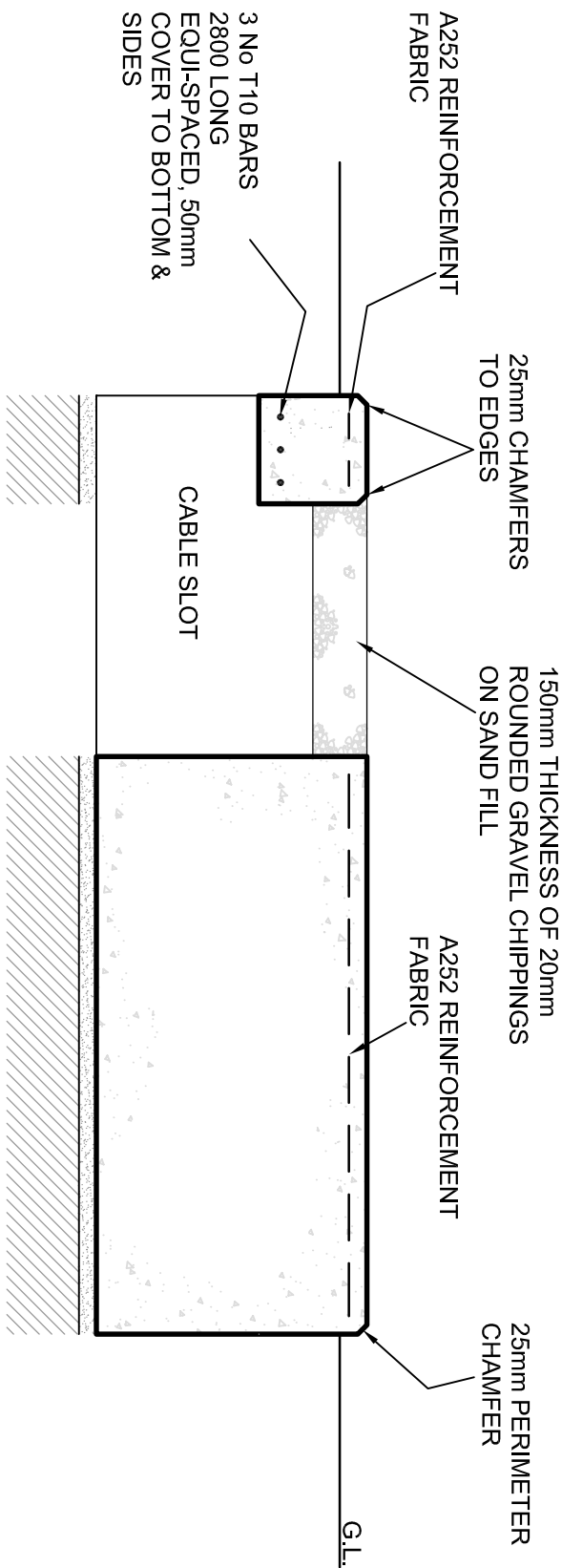
PLANT LAYOUT PLAN



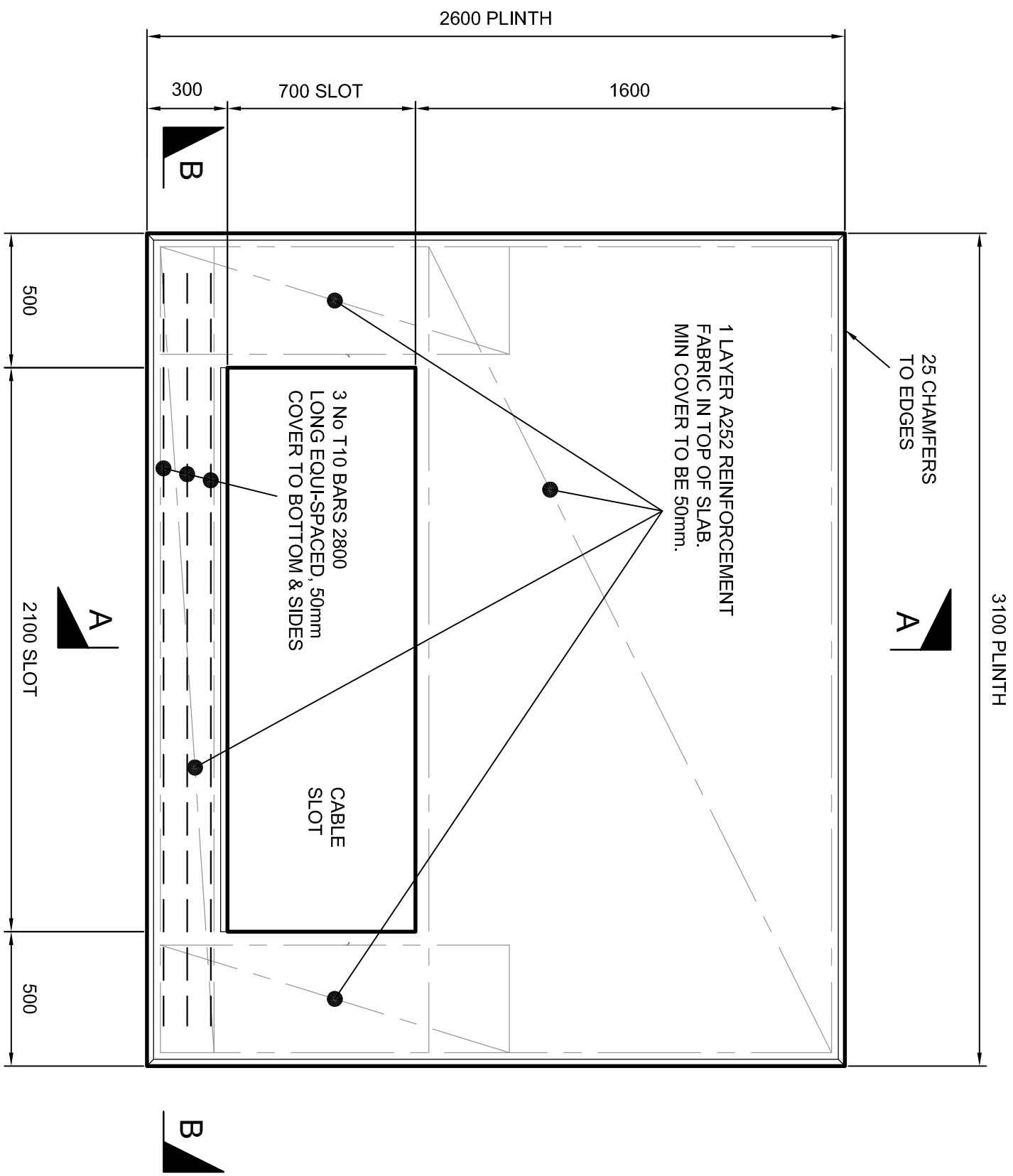
PLANT SECTION



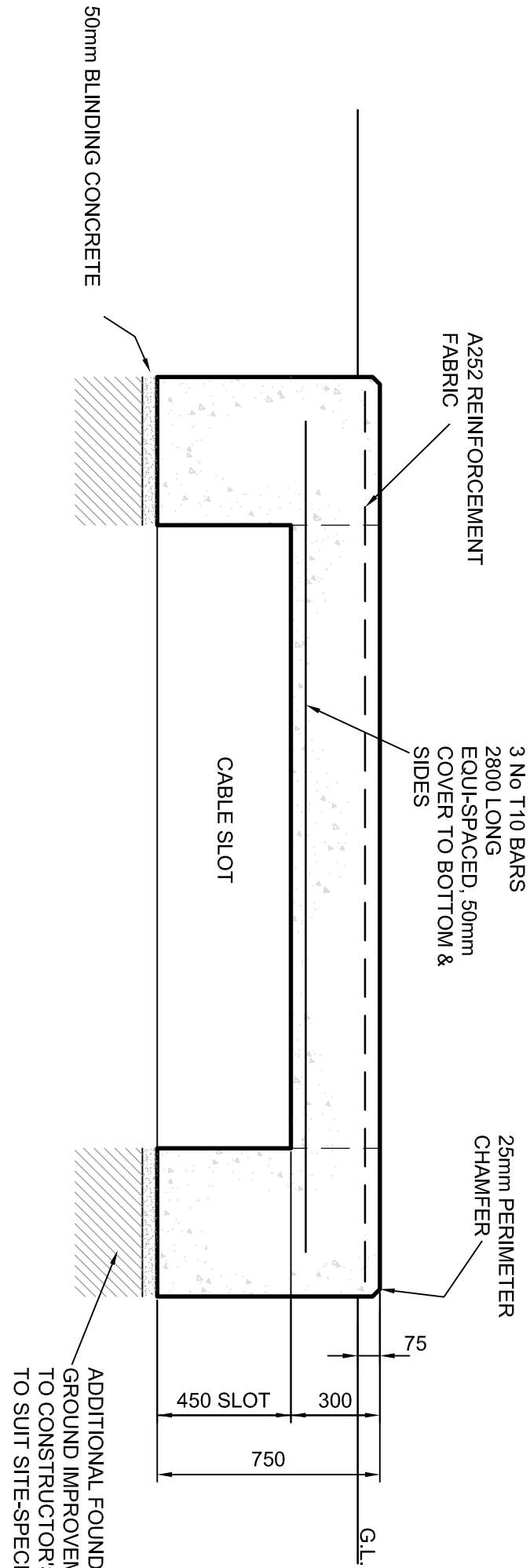
ISOMETRIC VIEW
OF PLINTH



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



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System Design, Drawing Office
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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
T.C.	27/3/96	H.R.B.	27/3/96
Status	Dwg. No.		Rev.
FOR ISSUE	SP2022244		5.0
Scale			Size
1:50			A1
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