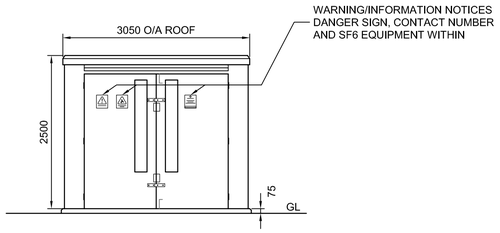
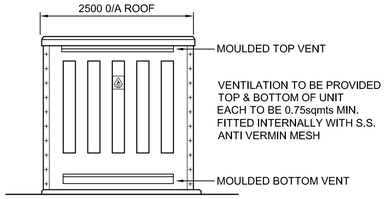
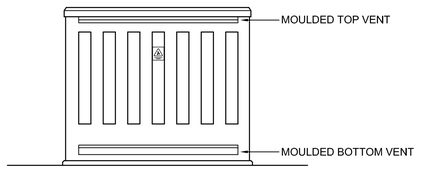


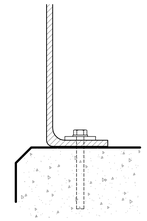
FRONT ELEVATION



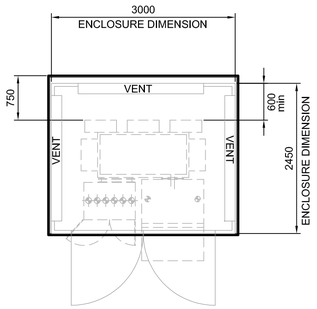
SIDE ELEVATION
OPPOSITE SIDE IDENTICAL



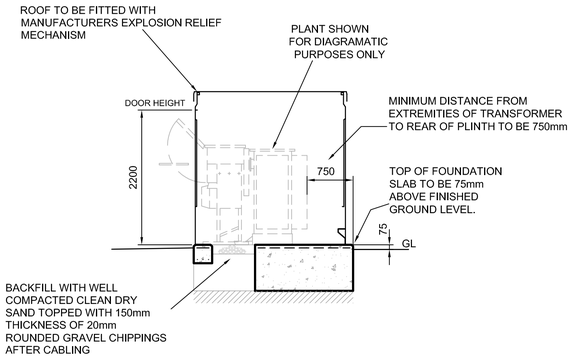
REAR ELEVATION



TYPICAL HOLDING DOWN DETAIL

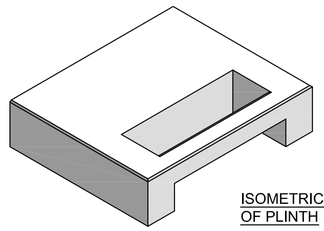


PLANT LAYOUT PLAN



PLANT SECTION

ENCLOSURE ONLY SUITABLE WHEN
ERECTED AT A DISTANCE OF ONE
METRE OR GREATER FROM BOUNDARY



ISOMETRIC VIEW
OF PLINTH

NOTES

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

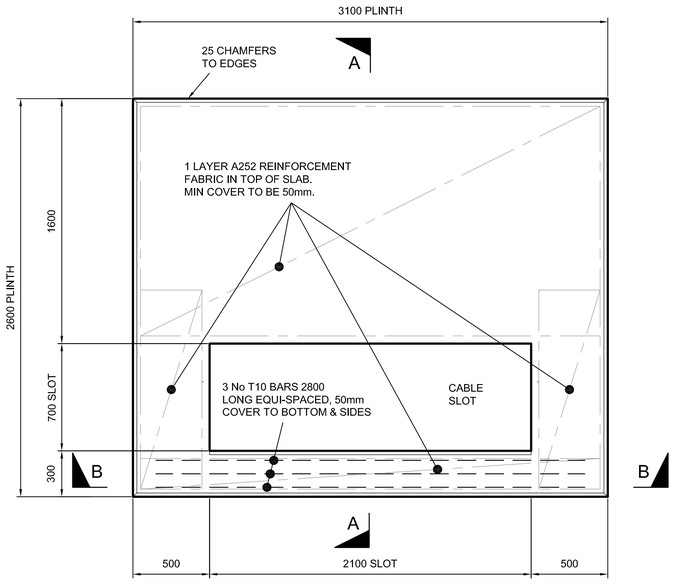
EARTHWORKS
PLINTH TO BE SET ON UNDISTURBED INORGANIC STRATA THAT PROVIDE THE REQUIRED MINIMUM DESIGN SAFE GROUND BEARING CAPACITY.

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.

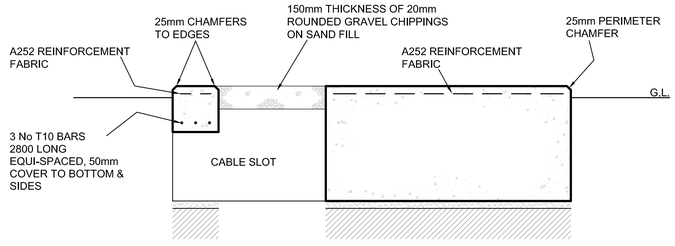
CABLE SLOT
ON COMPLETION OF CABLING, CABLE AREA TO BE FILLED WITH DRY SAND AND TOPPED WITH 150mm DEPTH OF 20mm ROUNDED GRAVEL CHIPPINGS

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

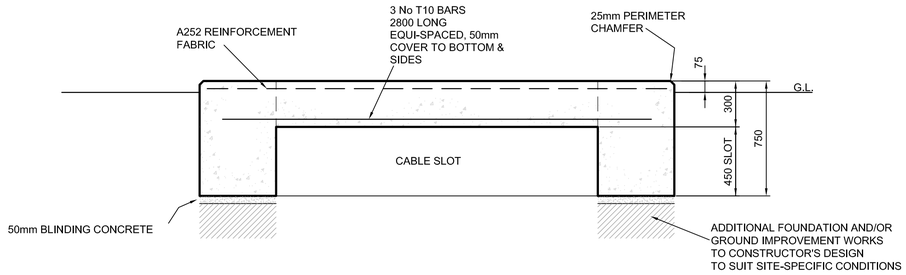
THIS DRAWING TO BE READ IN CONJUCTION WITH SUB-03-017 'GENERAL SPECIFICATION FOR THE CIVIL ENGINEERING AND BUILDING DESIGN AND CONSTRUCTION OF SECONDARY SUBSTATIONS'



FOUNDATION PLAN
SCALE 1:20



SECTION A - A
SCALE 1:20



SECTION B - B
SCALE 1:20

Rev.	Date	
5.0	MAR.2010	UPDATED
Drawn	M.T.	
Checked	C.W.	
Approved	A.J.R.	

SP ENERGY NETWORKS

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System Design, Drawing Office
3 Prenton Way , Prenton , 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	Drg. No.	Rev.
FOR ISSUE	SP2022244	5.0

Scale 1:50 | Size A1