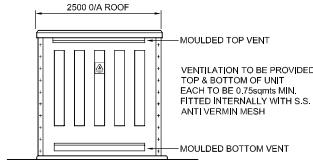
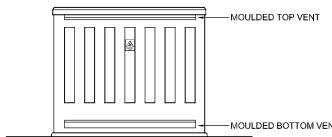


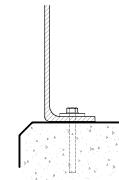
FRONT ELEVATION



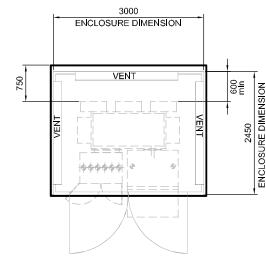
SIDE ELEVATION
OPPOSITE SIDE IDENTICAL



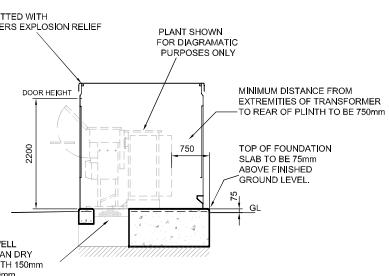
REAR ELEVATION



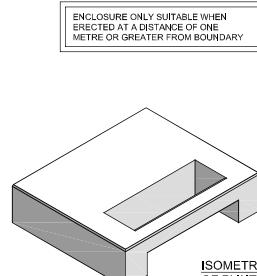
TYPICAL HOLDING DOWN DETAIL



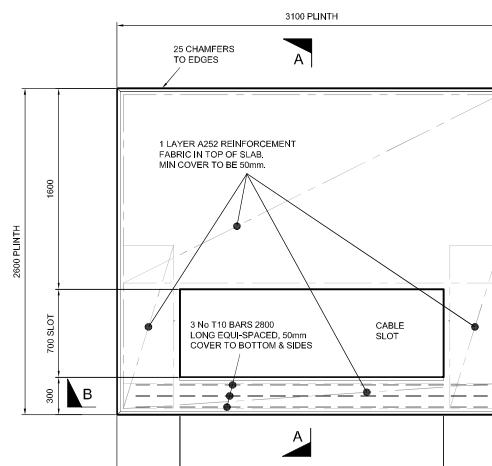
PLANT LAYOUT PLAN



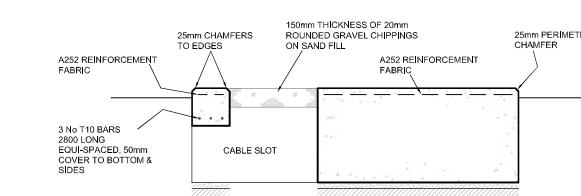
PLANT SECTION



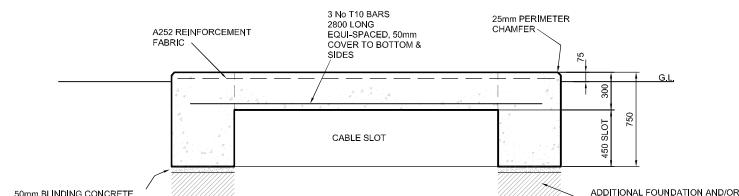
ISOMETRIC VIEW OF PLINTH



FOUNDATION PLAN
SCALE 1:20



SECTION A-A
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 WIRING AND CABLE TERMINATIONS. THE FLOOR LEVEL EXPRESSED AS A MAXIMUM ALLOWED 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 CLEAN AND DRY TOPSOIL TO A MAXIMUM 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-43-017 'GENERAL SPECIFICATION FOR THE
CIVIL ENGINEERING AND BUILDING DESIGN AND
CONSTRUCTION OF SECONDARY SUBSTATIONS'

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 SP ENERGY NETWORKS SP PowerSystems Ltd 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.	27/3/06	H.R.B.	27/3/06	C.W.	27/3/06
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