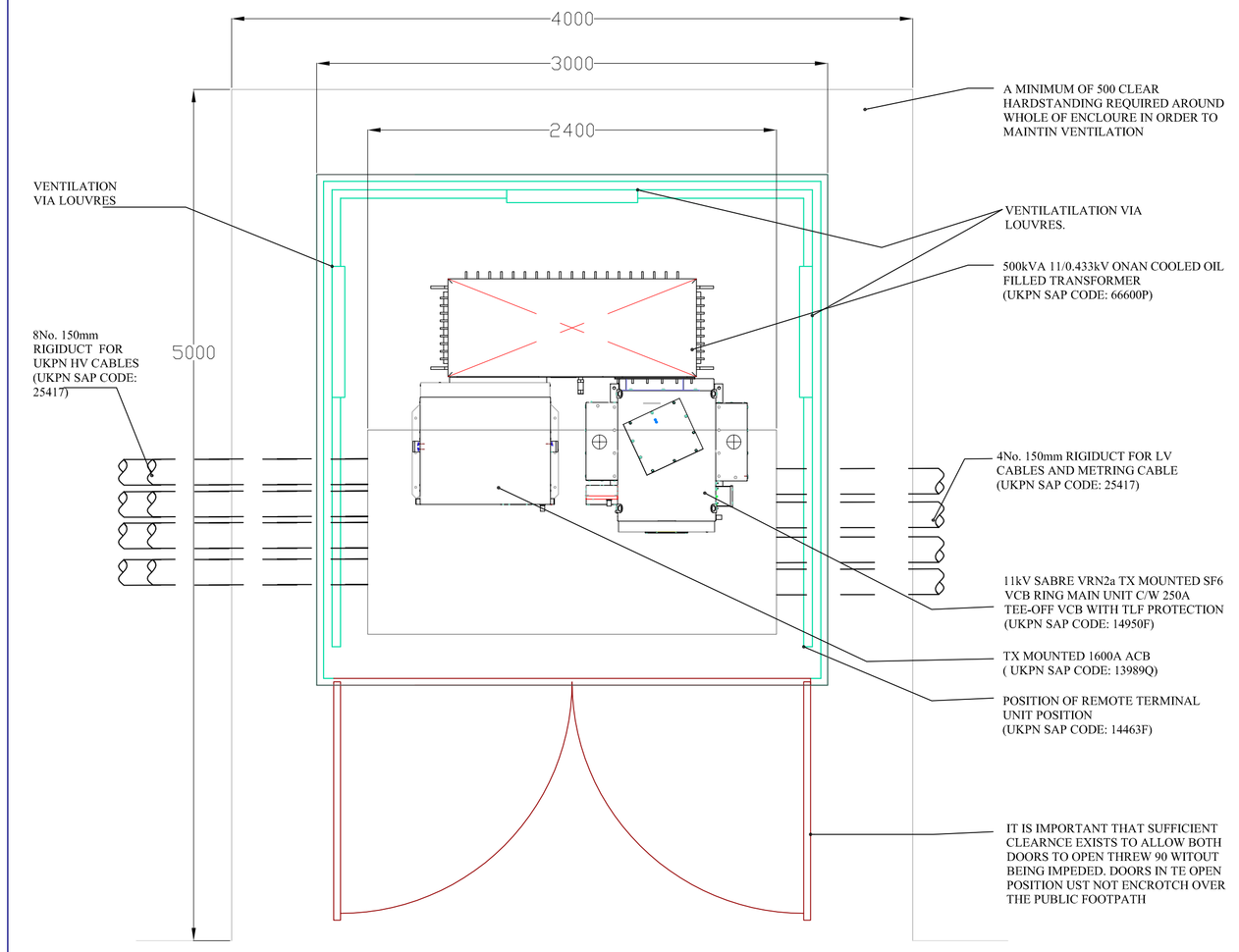
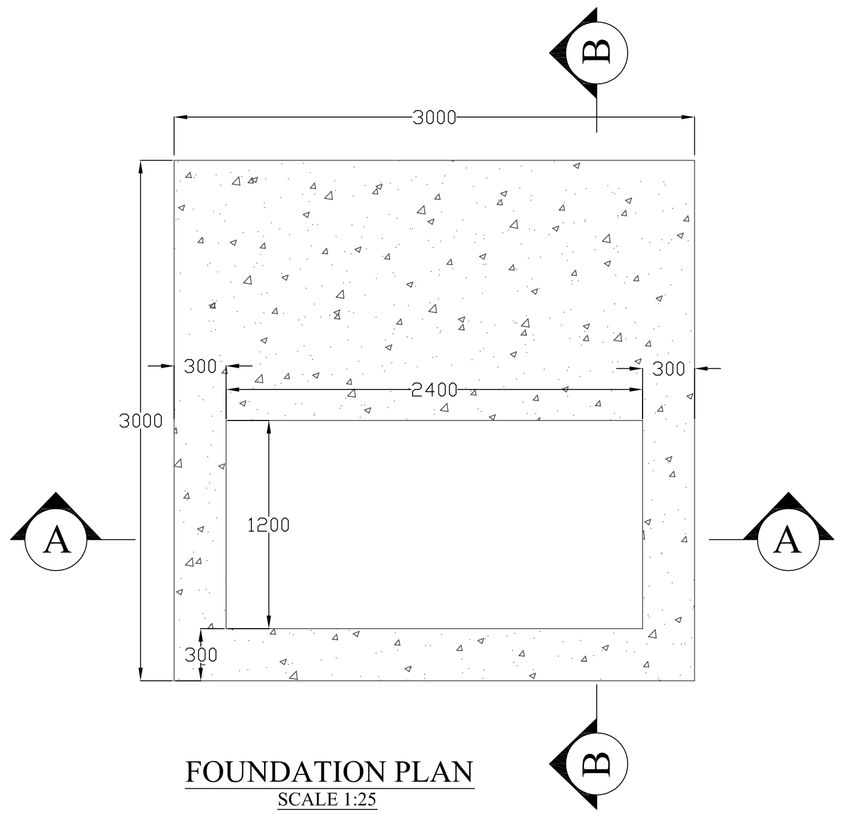
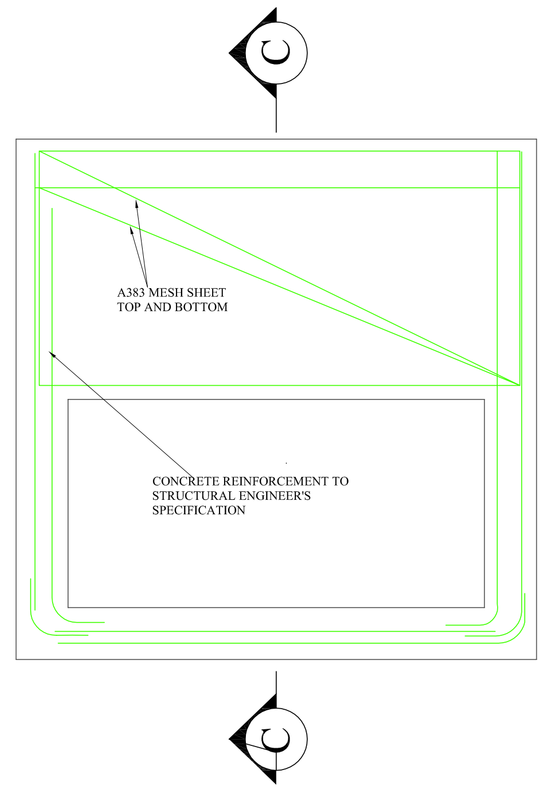


GRP SUBSTATION - PLAN 1:50



FOUNDATION PLAN
SCALE 1:25



FOUNDATION PLAN 1:50

NOTES:

1. ALL DIMENSIONS ARE TO BE CONFIRMED
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND STRUCTURAL DRAWINGS, OTHER SERVICES DRAWINGS AND SPECIFICATIONS
3. DETAILS OF SUBSTATION LAYOUTS ARE INDICATIVE AND MUST BE CONFIRMED

Substation Plant & Equipment

All equipments as per UK Power Networks Design Specifications:

EAS 07-0000 EQ. LIST – CIVIL
EDS 07-0119 – SUBSTATION ELECTRICAL SERVICES
EDS 07-3101 – SECONDARY SUBSTATION PRE-DESIGN
EDS 07-3102 – SECONDARY SUBSTATION CIVIL DESIGN

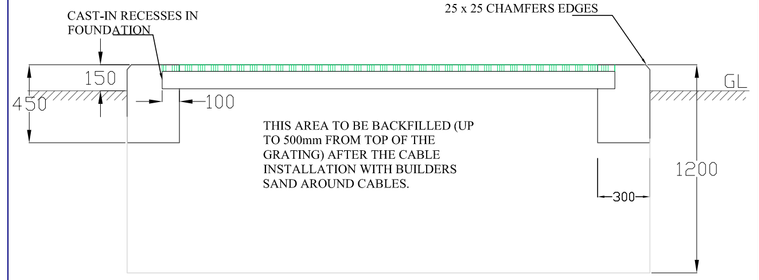
Package Substation consisting of:
11kV SABRE VRN2a TX MOUNTED SF6 VCB RING MAIN UNIT C/W 250A TEE-OFF VCB WITH TLF PROTECTION – UKPN SAP CODE: 14950F
500kVA 11/0.433kV ONAN COOLED OIL FILLED TRANSFORMER UKPN SAP CODE: 66600P
TX MOUNTED 1600A ACB, UKPN SAP CODE: 13989Q

Substation Enclosure & Plinth

Substation to be fitted with a secure GRP Enclosure as per UK Power Networks Design EDS 07-3102.01

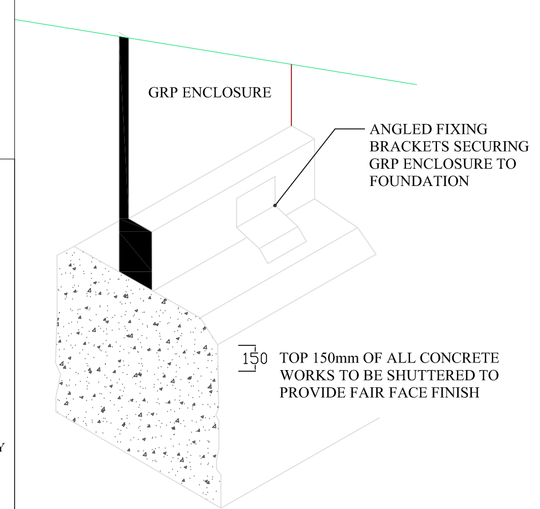
Substation Earthing will be installed as per UK Power Networks Document:

UKPN ENGINEERING DESIGN STANDARD EDS 06-0014 – Secondary Distribution Network Earthing Design and EAS 06-0011 Earthing Materials

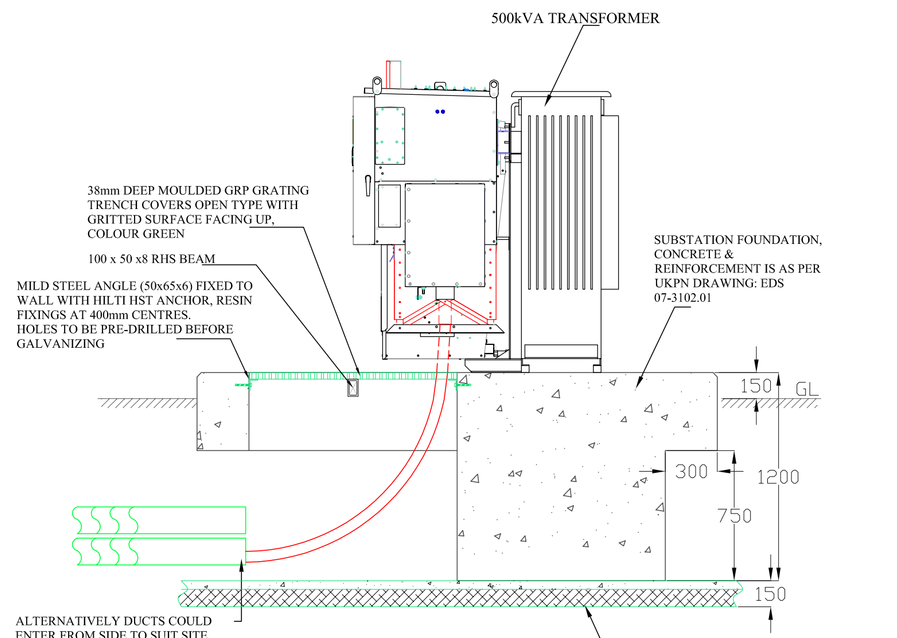


SECTION A-A
SCALE 1:25

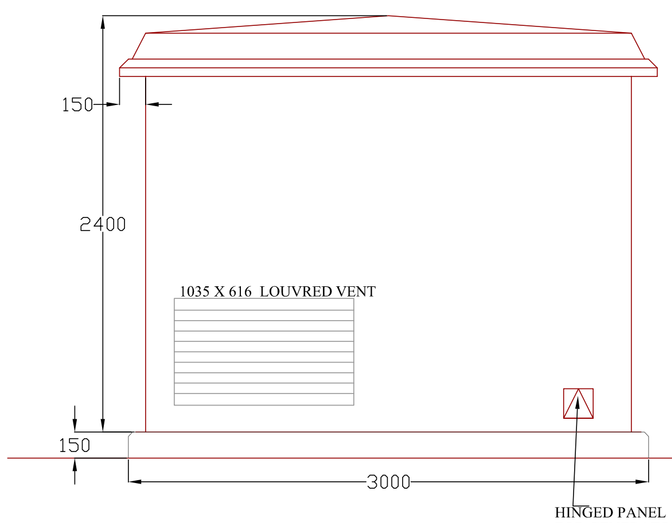
REBAR SECTION C-C



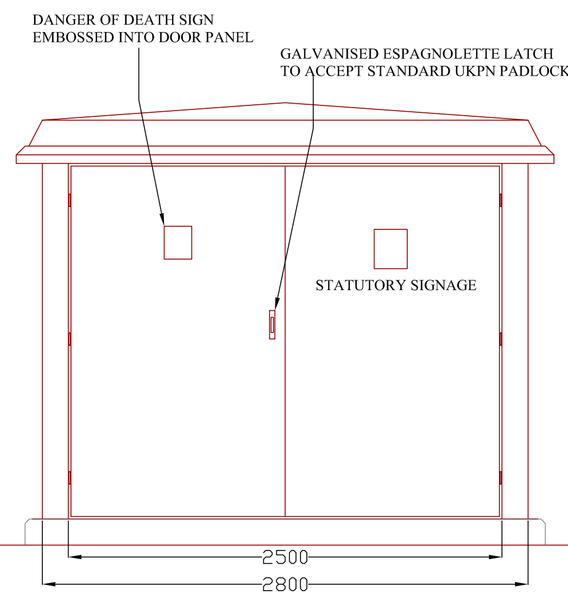
FIXING OF GRP TO FOUNDATION DETAIL



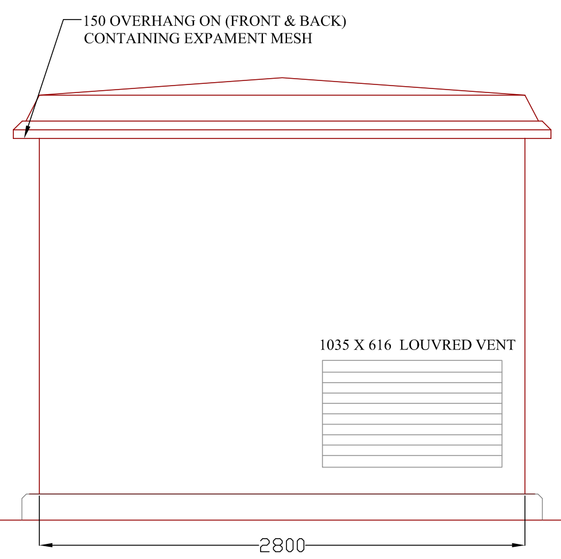
SECTION B-B SHOWING DUCT ENTRIES
SCALE 1:25



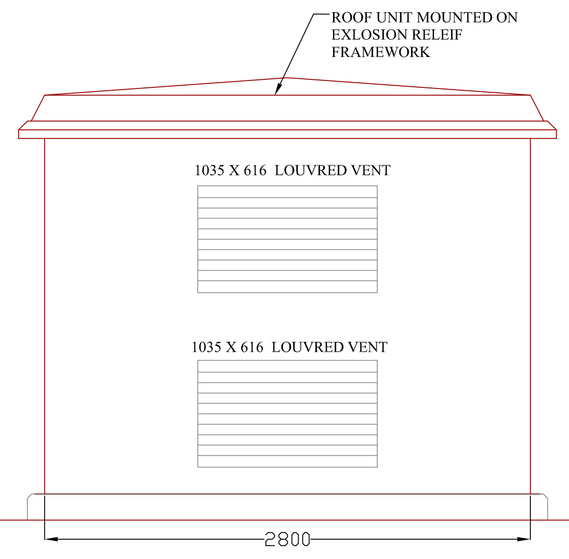
LHS ELEVATION
SCALE 1:25



FRONT ELEVATION
SCALE 1:25



RHS ELEVATION
SCALE 1:25



REAR ELEVATION
SCALE 1:25

rev.	date	description	by
00	20-01-2020	ORIGINAL ISSUE FOR APPROVAL	MT

"This drawing is COPYRIGHT and the property of Metricab Power Engineering Ltd. It must not be copied (in whole or in part), used for manufacture or otherwise disclosed without prior written consent of the company. Any copies of this drawing made by any method must also include a copy of this legend."
© METRICAB POWER ENGINEERING LTD. 1997

Metricab Power Engineering Ltd
ELECTRICAL AND MECHANICAL ENGINEERS
Riverside House
Sedgwick Lane, Horsham
West Sussex RH13 6QE Tel: 01403 272508 Fax: 01403 272509

client
FERRING COUNTRY CENTRE
RIFE WAY, FERRING
WORTHING
BN12 5JZ

project
NEW 500kVA PACKAGE SUBSTATION
UKPN REF: 820003268 / QID3200023927

title
PROPOSED GRP ARRANGEMENT FOR 500kVA PACKAGE SUBSTATION

Drawing Issue Status:
FOR APPROVAL ■ FOR CONSTRUCTION □ AS INSTALLED □

scale	date	drawn	checked	REV.00
AS SHOWN @ A1	20-01-2020	MT	CS	drg. no. NCS2148-E-LAYOUT-01

ARUN DISTRICT COUNCIL FG1020PL