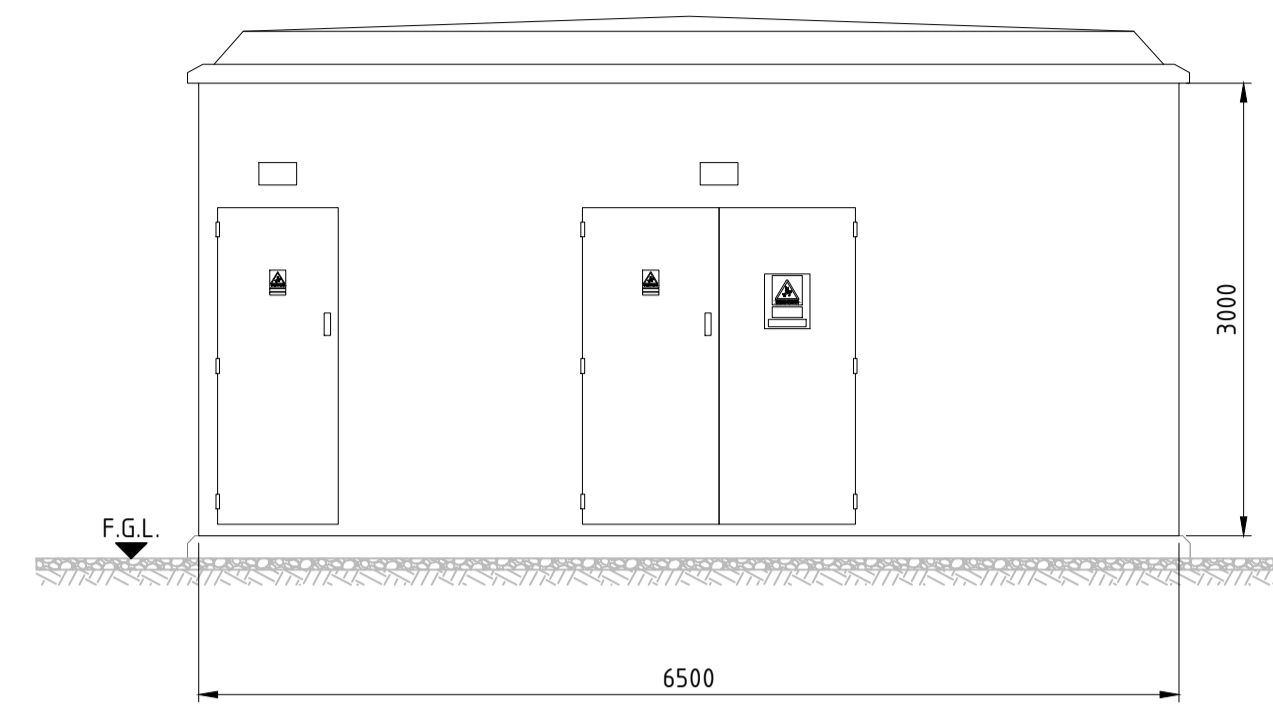
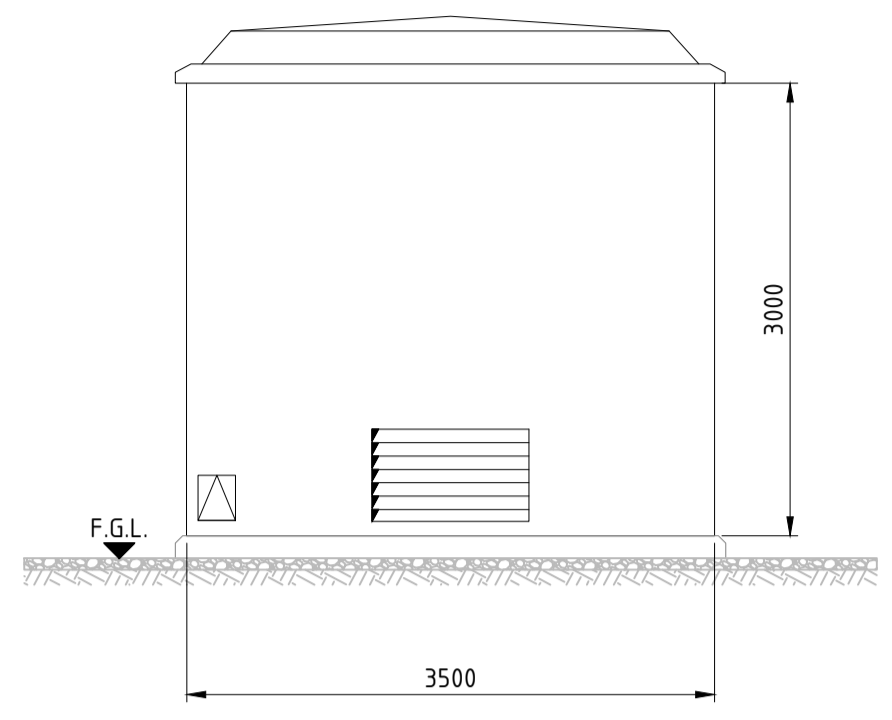


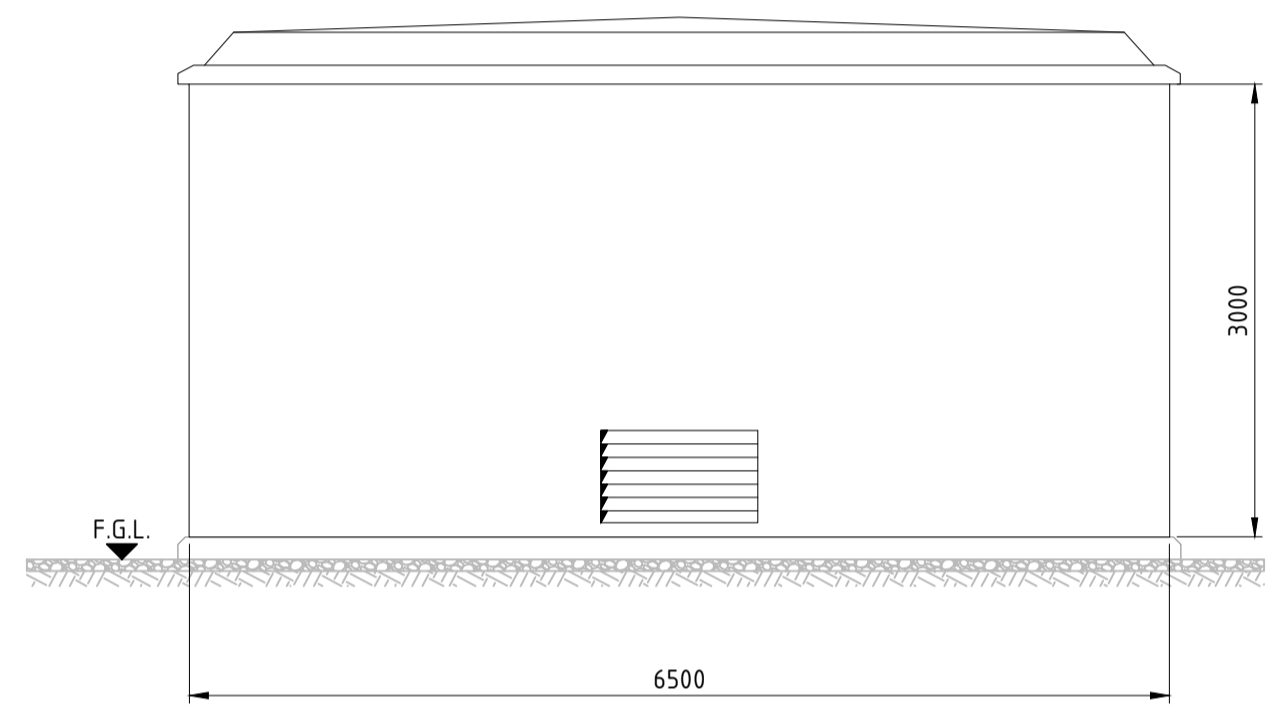
UKPN GRP CONTROL ROOM
PLAN VIEW
SCALE 1:25



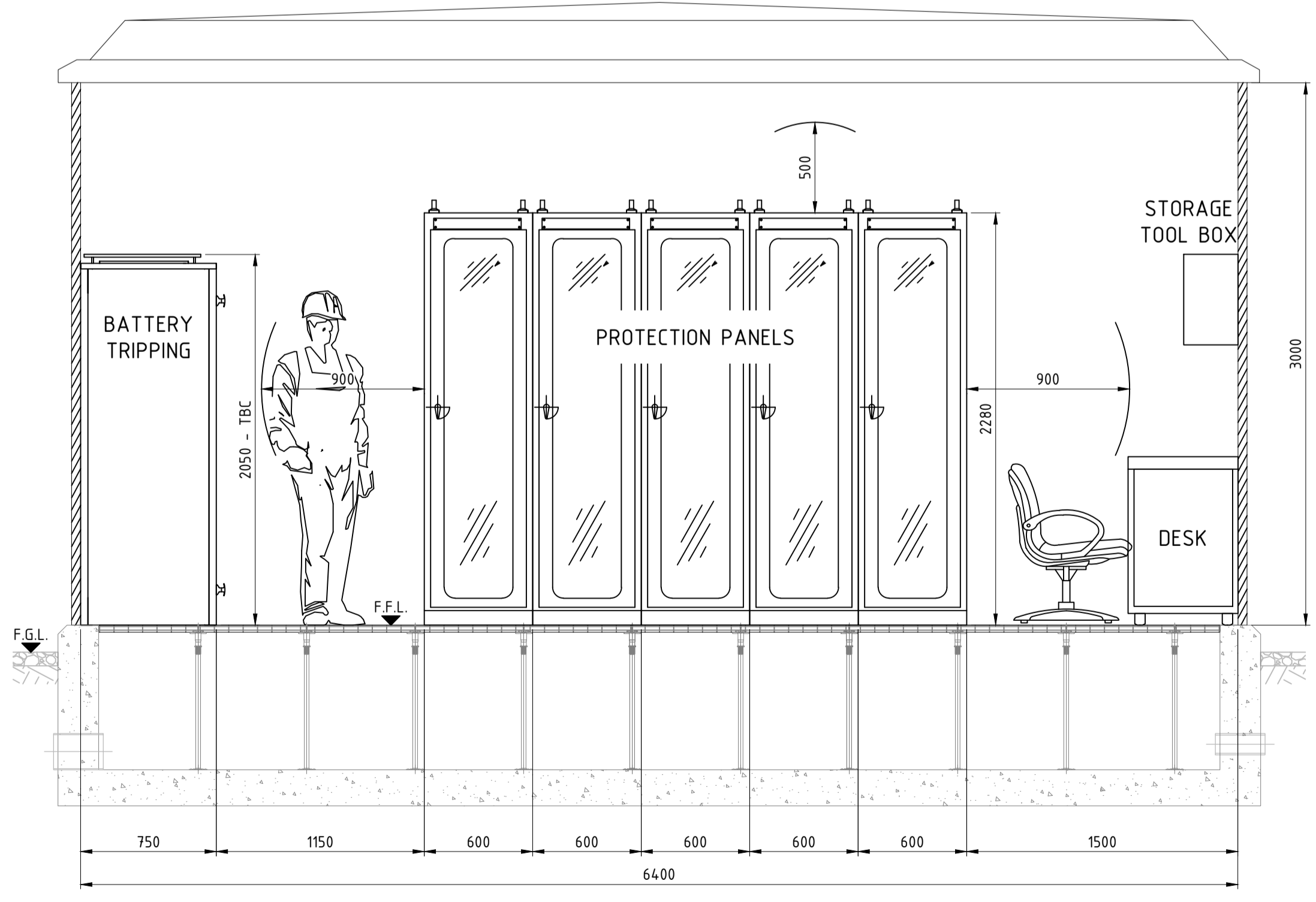
GRP FRONT ELEVATION - TBC
SCALE 1:50



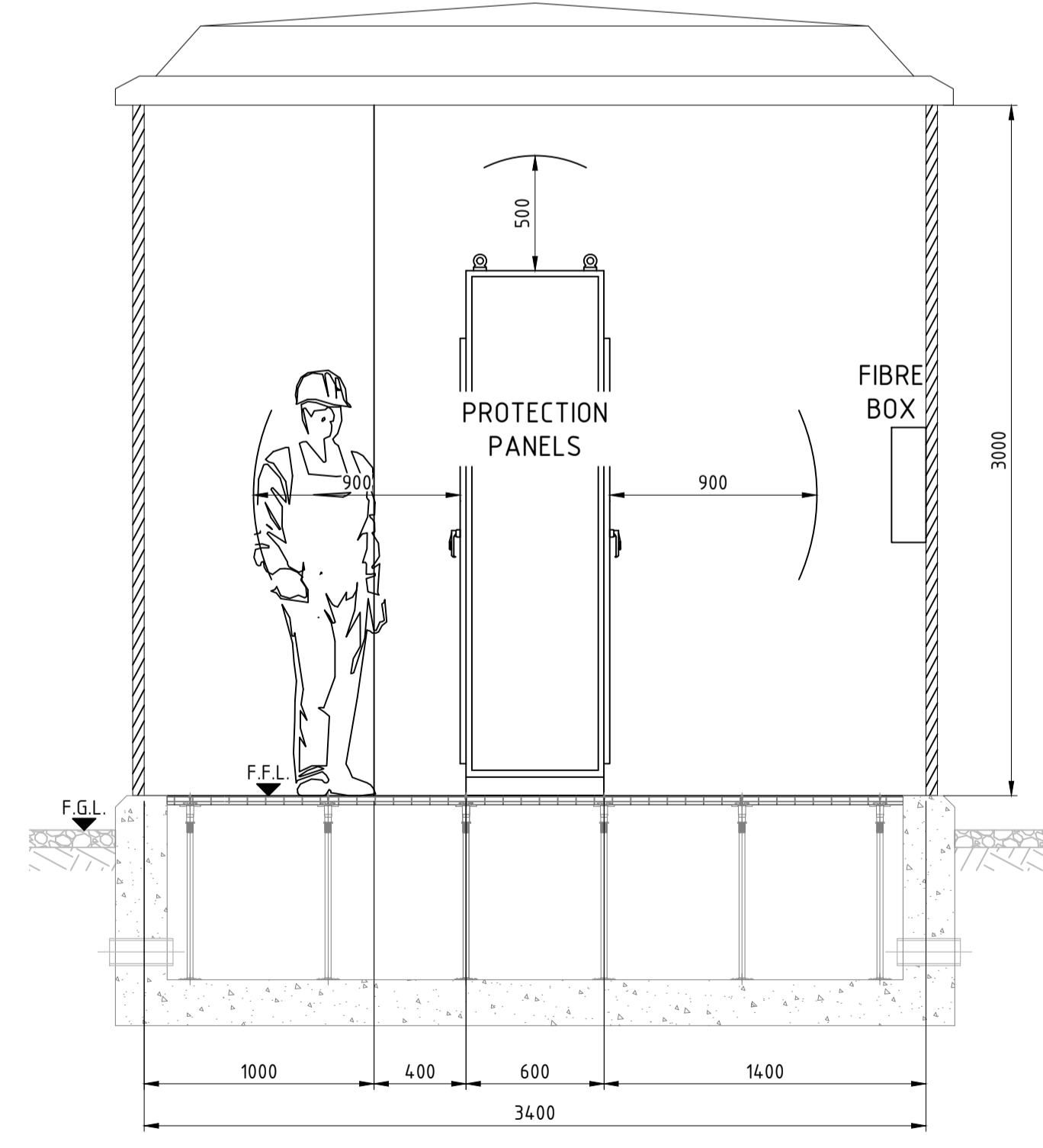
GRP SIDE ELEVATION - TBC
SCALE 1:50



GRP REAR ELEVATION - TBC
SCALE 1:50



SECTION A-A
SCALE 1:25



SECTION B-B
SCALE 1:25

NOTES:

- WORKING CLEARANCE REQUIREMENT TO AS PER EDS 07-0020
- FOR SUBSTATION LAYOUT REFER TO FREEDOM DRAWING 406824-1101.
- FOR UKPN CONTROL ROOM EARTHING LAYOUT REFER TO FREEDOM DRAWING 406824-1113.
- FOR UKPN CONTROL ROOM SMALL POWER AND LIGHTING LAYOUT REFER TO FREEDOM DRAWING 406824-1114.
- THE LAYOUT IS BASED ON THE STANDARD MANUFACTURER DRAWINGS TAKEN FROM PREVIOUS PROJECT. PROJECT SPECIFIC DRAWINGS ARE AWAITED. THE LAYOUT MIGHT CHANGE.
- GRP ENCLOSURE:
CONSTRUCTION: SINGLE SKIN POLYESTER RESIN LAMINATE TO REAR, SIDES AND DOOR, CONSISTING OF EXTERIOR SELF COLOURED GELCOAT, FOLLOWED BY 3 LAYERS OF 450 gms/m² OF CHOPPED MATT AND RESIN, TO PROVIDE A MINIMUM THICKNESS OF 3mm, ROOF SKINNED, INCORPORATING 12mm PLY BOARD INFILL. ROOF LOADING REQUIRED, TO BE ENCAPSULED AND BONDED INTO CORNERS. ACCESS TO BE PROVIDED BY 2 DOORS, EACH 1250mm WIDE AND STAYS TO HOLD EACH DOOR OPEN AT 90°. AN ESPANGOLETE LATCH SHALL BE PROVIDED FOR LOCKING SECURED WITH UKPN STANDARD PADLOCK.
VENTILATION: HIGH AND LOW LEVEL VENTILATION AREA, EACH EQUIVALENT TO 0.75m² FREE AREA IS REQUIRED. LOUVRES MUST NOT BE OBSTRUCTED AT ANY TIME. A MINIMUM CLEAR AREA OF 555mm HARDSTANDING IS REQUIRED AROUND THE GRP ENCLOSURE.
COLOUR: EXTERIOR FINISH SHALL BE LEAF GREEN - RAL 6002.
FIRE RESISTANCE: LAY UP RESIN TO BE FIRE RETARDANT AND CONFORM TO BS 476 CLAUSE 2 FIRE RATING.
ASSEMBLY: USUALLY DEVELOPED IN KIT FROM A FLAT PACK. ENCLOSURES ARE CAPABLE OF BEING ERECTED ON A PRE-PREPARED FOUNDATION, AROUND THE ASSEMBLED UNIT SWITCHROOM PLANT, WITHIN A PERIOD OF ONE WEEK.
- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

EQUIPMENT DETAILS: (SEE NOTE 4)

No.	DESCRIPTION	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
1	UNIT/INTERRIPPING PANEL 1	600	600	2280
2	UNIT/INTERRIPPING PANEL 2	600	600	2280
3	COMMON CONTROL/MIMIC PANEL	600	600	2280
4	RTU PANEL	600	600	2280
5	MUX PANEL (IF REQUIRED)	600	600	2280
6	RFL PANEL 1 (IF REQUIRED)	600	600	2280
7	RFL PANEL 2 (IF REQUIRED)	600	600	2280
8	48V BATTERY AND BATTERY CHARGER	750 (TBC)	750 (TBC)	2050 (TBC)
9	110V BATTERY AND BATTERY CHARGER	750 (TBC)	750 (TBC)	2050 (TBC)
10	LVAC BOARD	800 (TBC)	TBC	TBC
11	EXTERNAL CHANGEOVER SWITCH AND GENERATOR SOCKET	TBC	TBC	TBC
12	METER	TBC	TBC	TBC
13	FIBRE BOX	TBC	TBC	TBC
14	INTERFACE BOX	TBC	TBC	TBC
15	DESK	TBC	TBC	TBC
16	TOOL STORAGE BOX	TBC	TBC	TBC
17	KEY BOX	TBC	TBC	TBC

P5	04.02.19	BUILDING COLOUR IS AMENDED	A.B.	V.J.	V.S.
P4	10.01.19	AMENDED DUE TO ADDITIONAL PANEL	V.J.	V.S.	V.S.
P3	28.11.18	AMENDED DUE TO ADDITIONAL PANEL	V.J.	V.S.	V.S.
P2	02.11.18	AMENDED DUE TO ADDITIONAL PANEL	A.B.	V.J.	V.S.
P1	05.09.18	FIRST ISSUE	A.B.	V.J.	V.S.
REV	DATE	DESCRIPTION	DRN	CHK	APP

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TITLE
UKPN CONTROL ROOM LAYOUT AND SECTIONS

PROJECT NAME NTT COMMUNICATION DATA CENTRE	
CUSTOMER AXA	
CUSTOMER DRAWING NUMBER	STATUS
	FOR APPROVAL
DRAWING NUMBER 406824-1112	SCALE SIZE REVISION AS SHOWN A1 P5