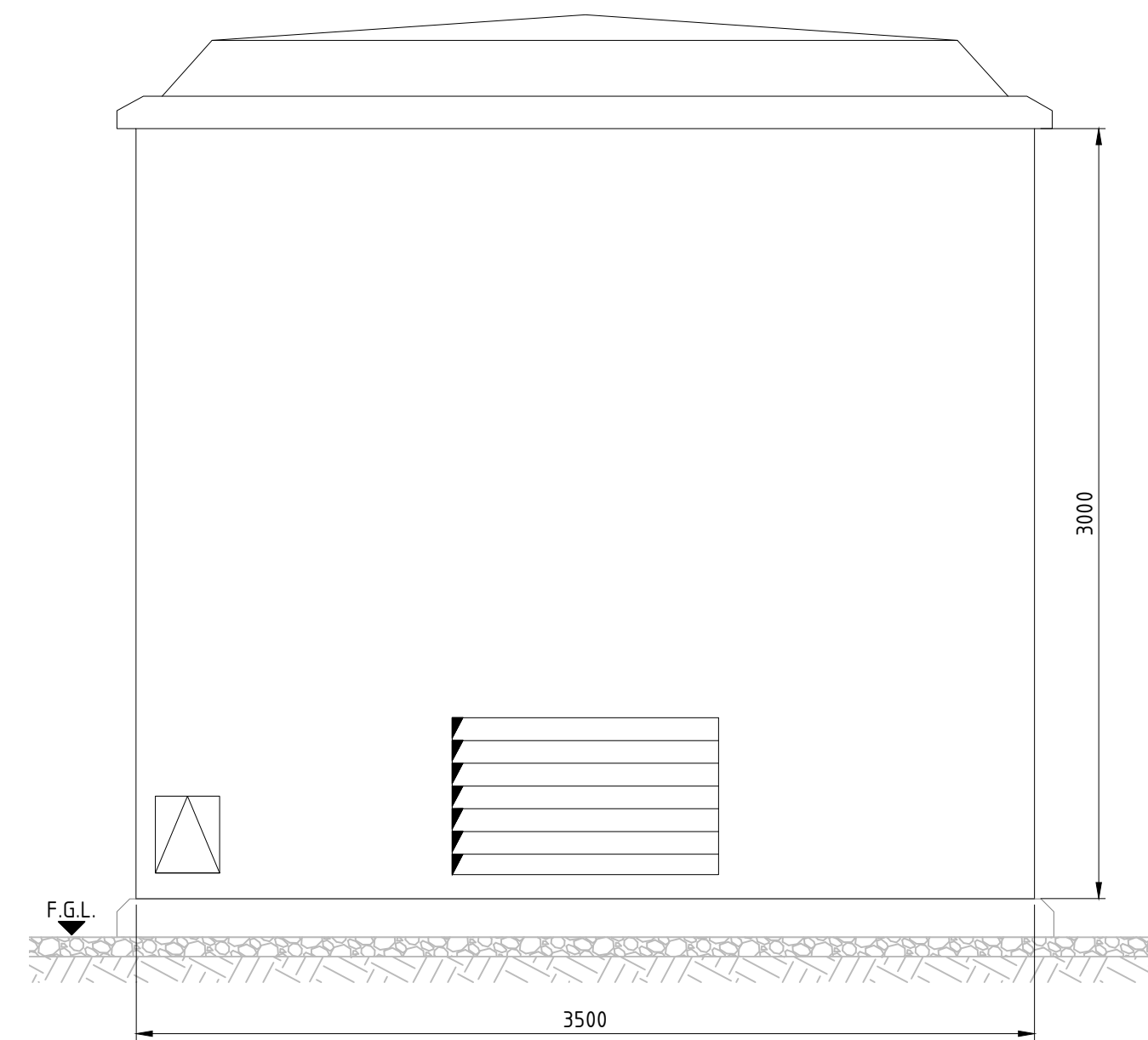
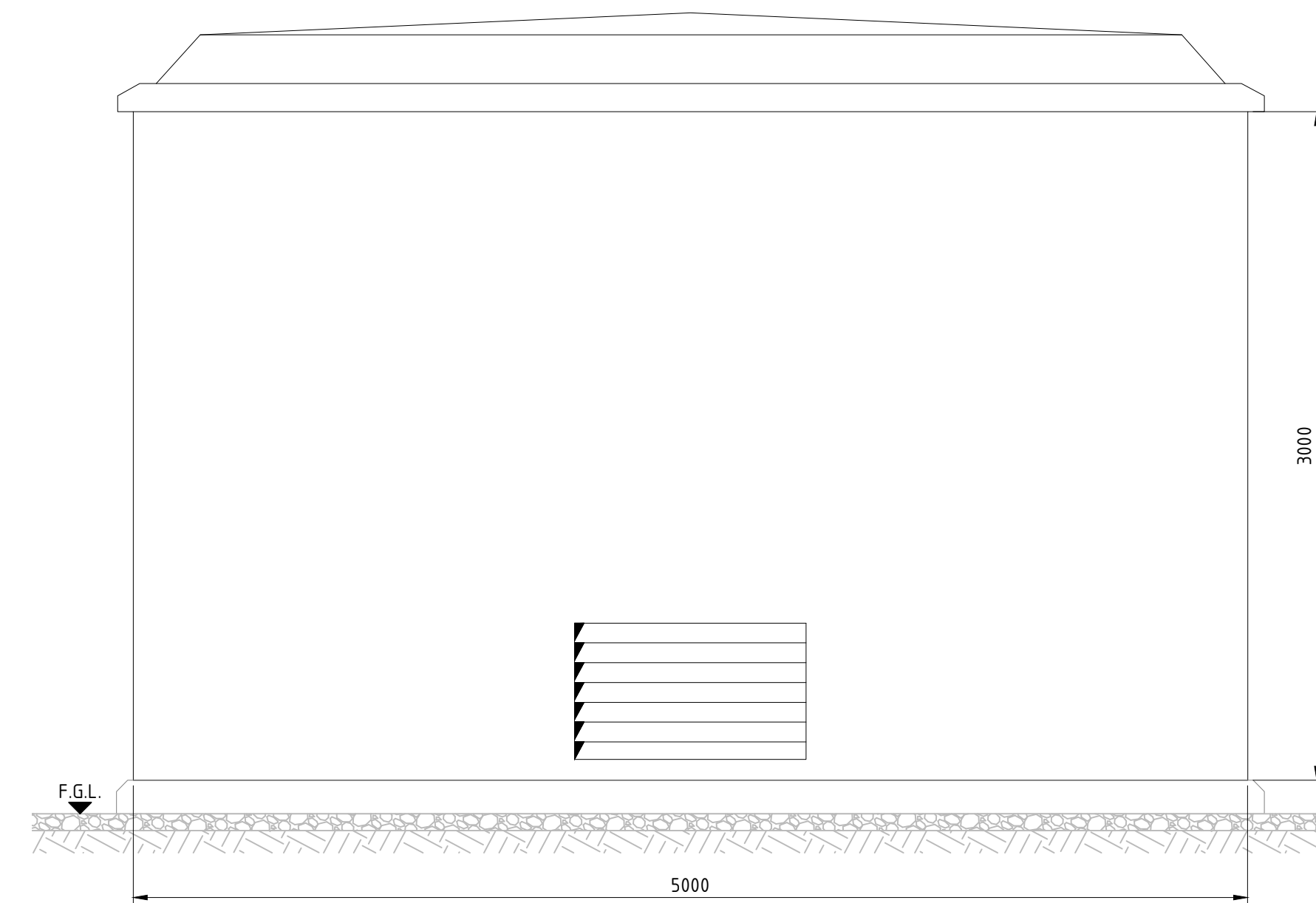


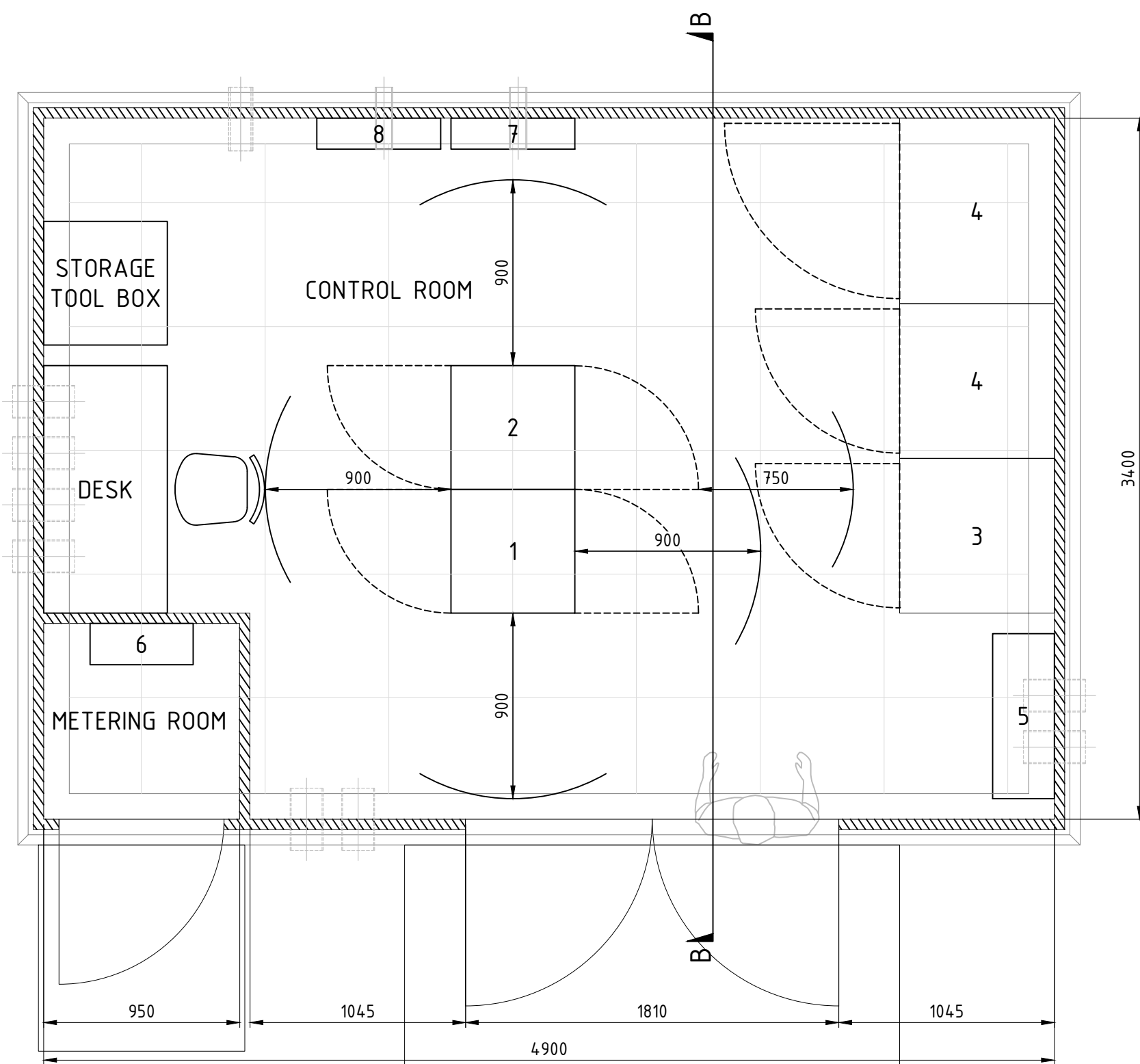
GRP FRONT ELEVATION - TBC
SCALE 1:25



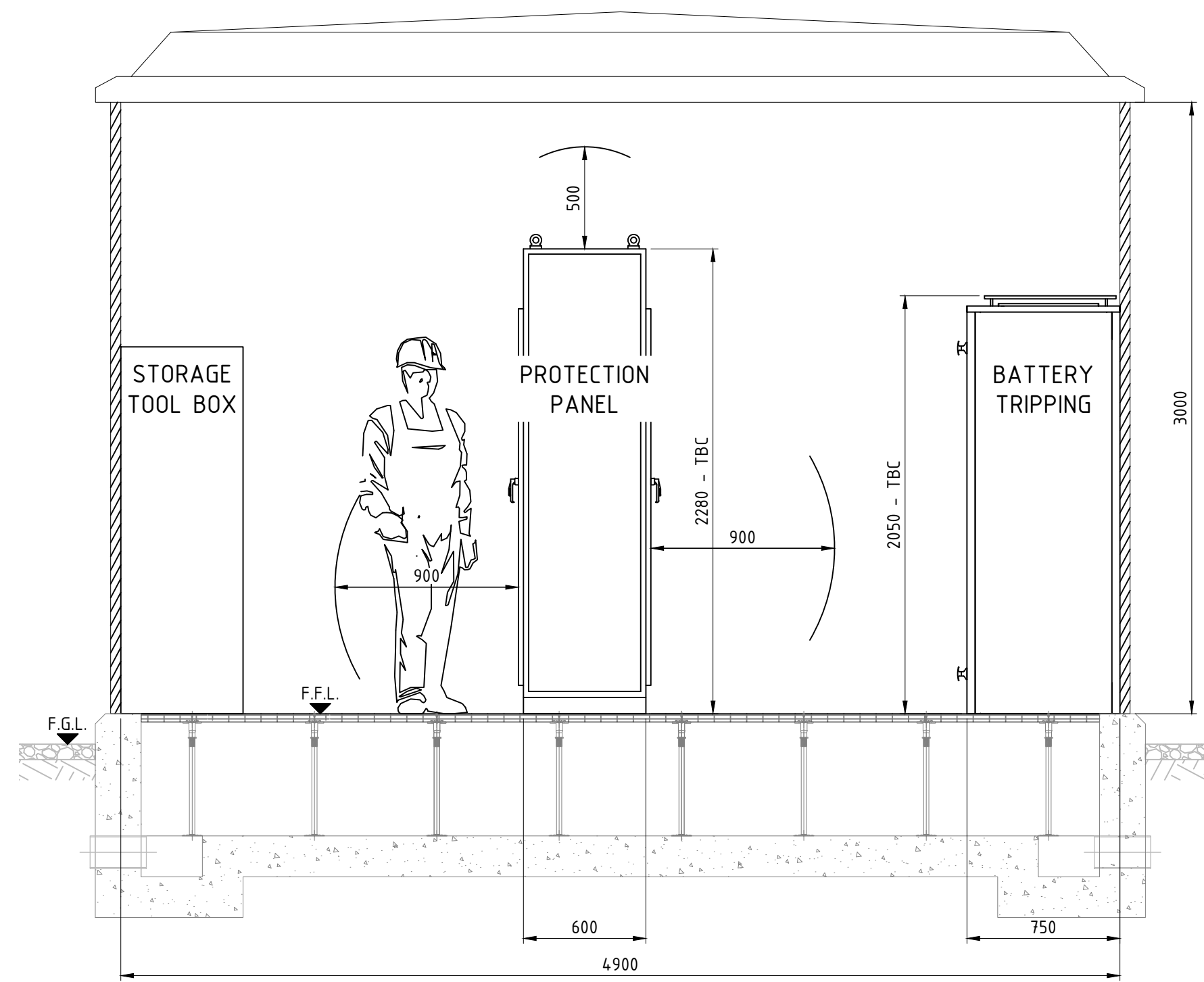
GRP SIDE ELEVATION - TBC
SCALE 1:25



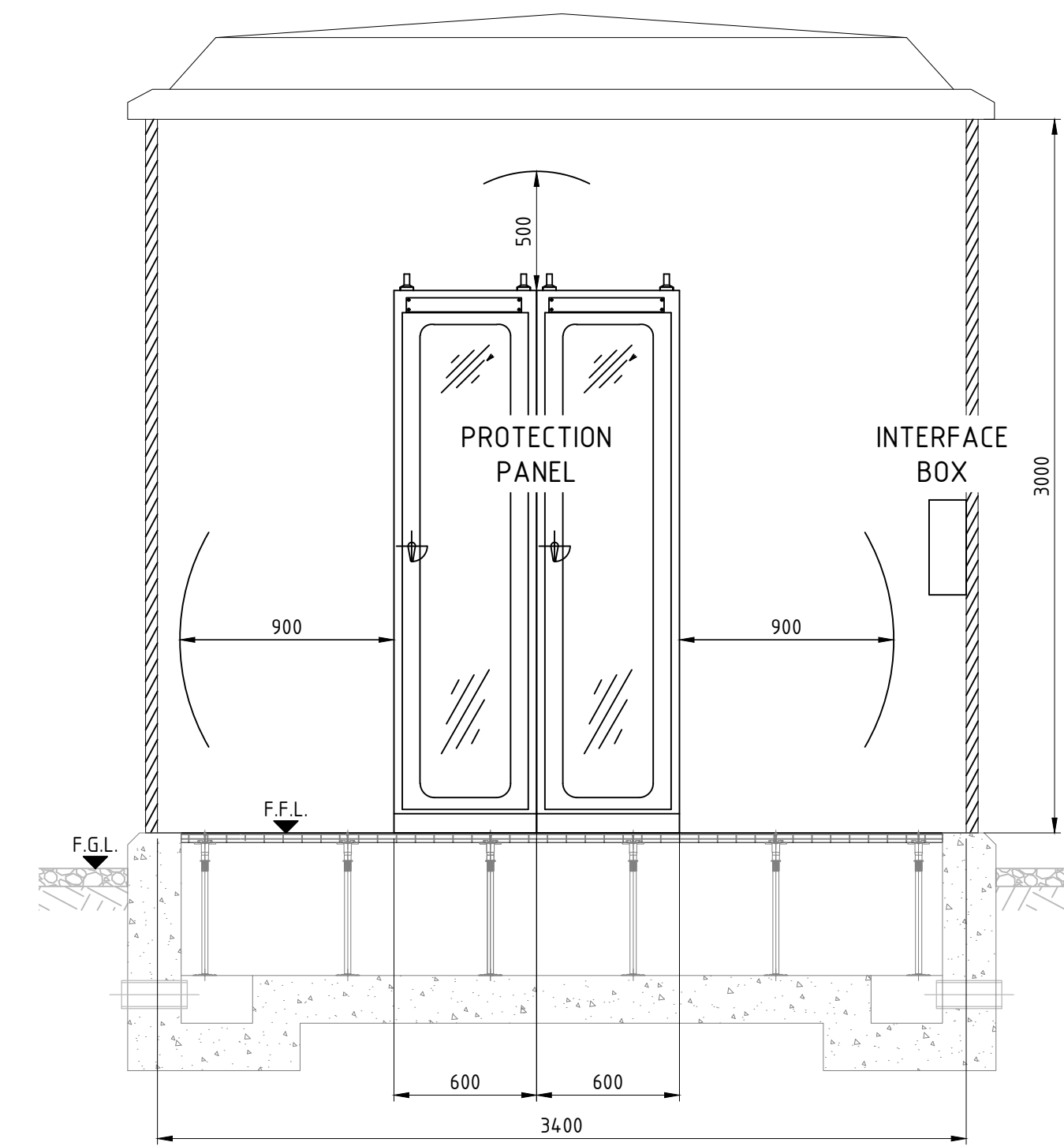
GRP REAR ELEVATION - TBC
SCALE 1:25



UKPN GRP CONTROL ROOM
PLAN VIEW
SCALE 1:25



SECTION A-A
SCALE 1:25



SECTION B-B
SCALE 1:25

NOTES:

- 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 HARDSTRANDING IS REQUIRED AROUND THE GRP ENCLOSURE.
COLOUR: STANDARD EXTERIOR FINISH IS MID BROWN TO BS4800, 08-B-25. ALTERNATIVE COLOURS TO BS 4800 CAN BE SUPPLIED ON REQUEST.
FIRE RESISTANCE: LAY UP RESIN TO BE FIRE RETARDANT AND CONFIRM 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	RTU PANEL	TBC	TBC	TBC
2	INTERTIPPING PANEL	TBC	TBC	TBC
3	48V BATTERY AND BATTERY CHARGER	TBC	TBC	TBC
4	110V BATTERY AND BATTERY CHARGER	TBC	TBC	TBC
5	LVAC BOARD	TBC	TBC	TBC
6	METER	TBC	TBC	TBC
7	FIBRE BOX	TBC	TBC	TBC
8	INTERFACE BOX	TBC	TBC	TBC

REV	DATE	DESCRIPTION	DRN	CHK	APP
P1	05.09.18	FIRST ISSUE	A.B.	V.J.	V.S.

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TITLE					
UKPN CONTROL ROOM LAYOUT AND SECTIONS					
PROJECT NAME					
NTT COMMUNICATION DATA CENTRE					
CUSTOMER					
AXA					
CUSTOMER DRAWING NUMBER			STATUS		
			PRELIMINARY		
DRAWING NUMBER		SCALE		SIZE	
406824-1112		AS SHOWN		A1	
				REVISION	
				P1	