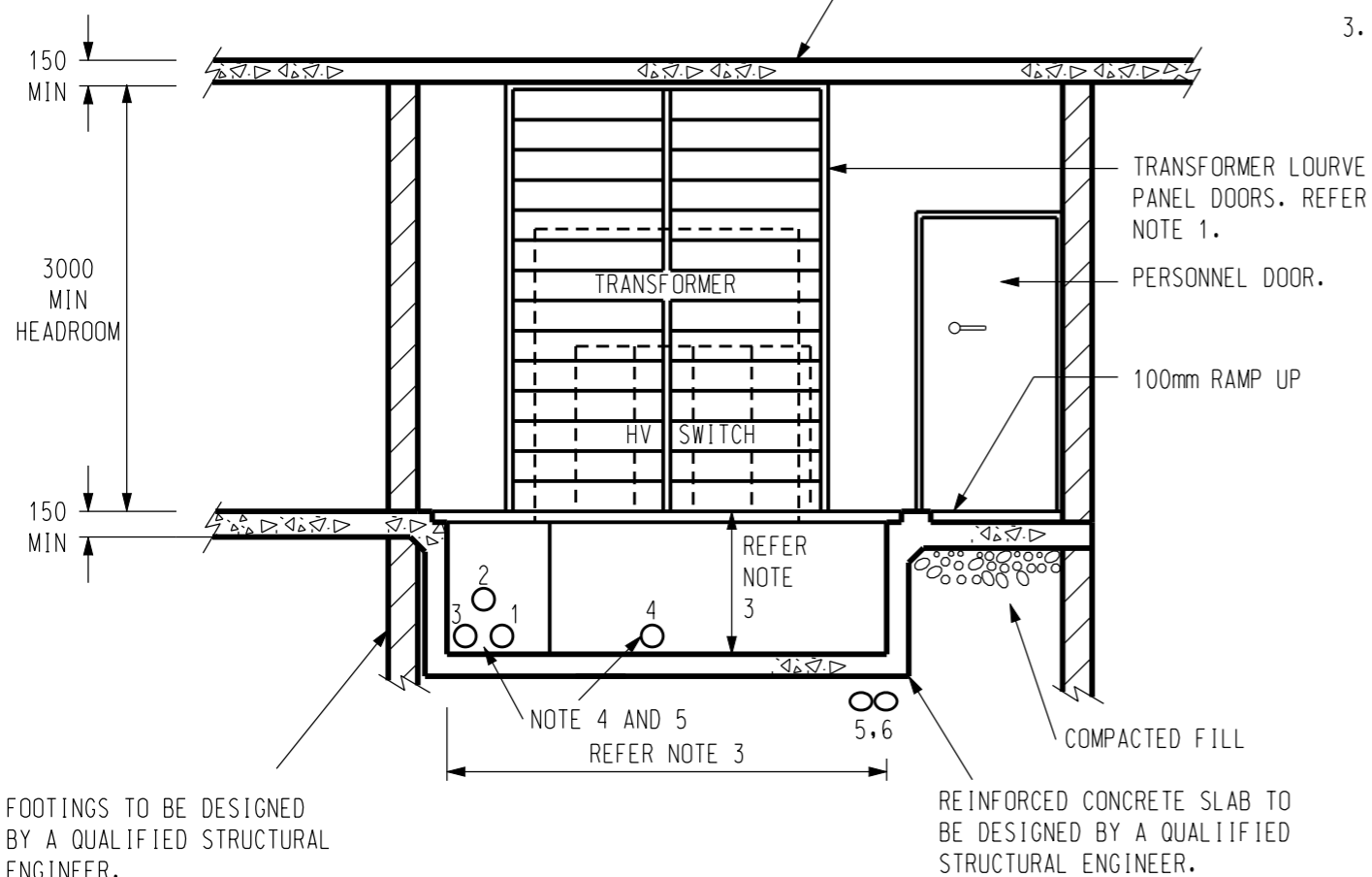


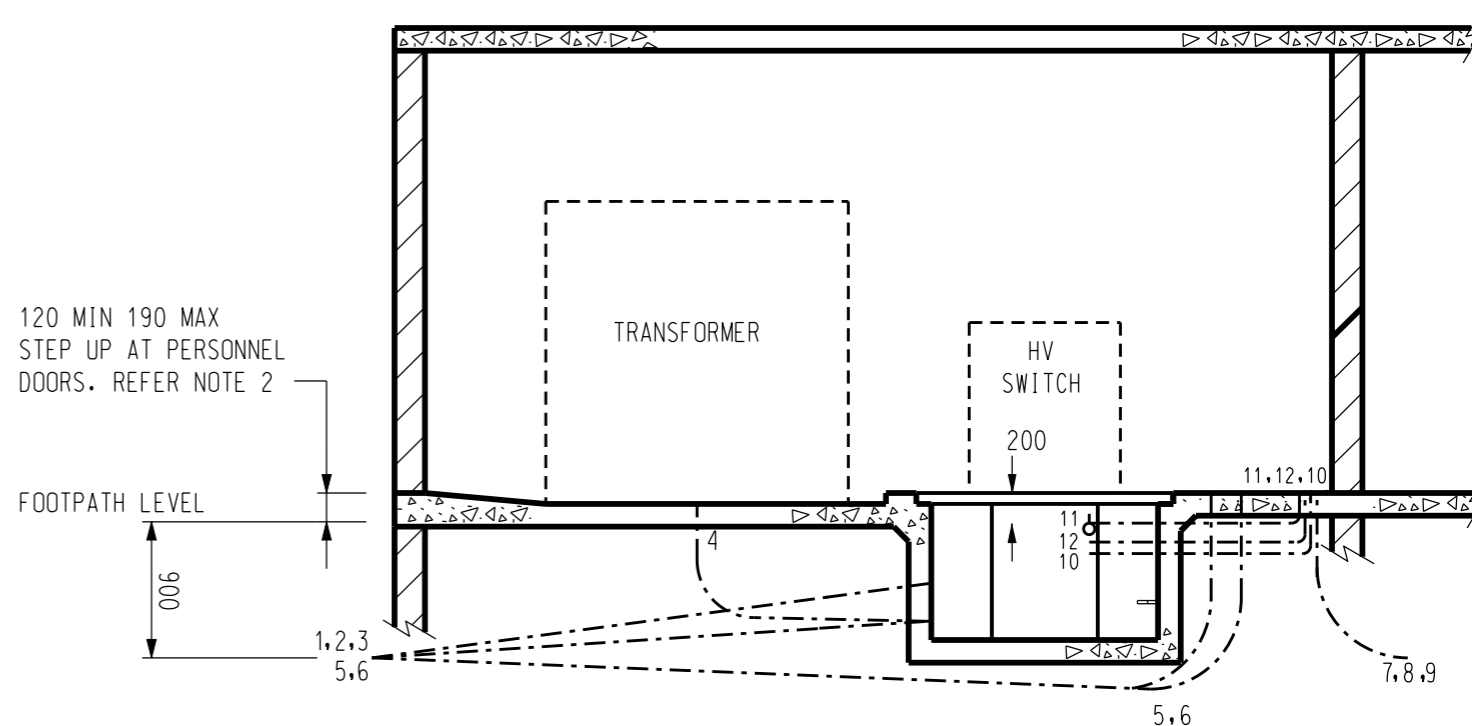
**NOTES**

1. THE TRANSFORMER LOUVRE PANEL DOOR OPENING SHOULD PREFERABLY BE TO THE SUBSTATION CEILING HEIGHT, AS SHOWN. IF IT IS NOT POSSIBLE DUE TO STRUCTURAL DIFFICULTIES, A MINIMUM OPENING HEIGHT TO SUIT THE TRANSFORMER AND LIFTING REQUIREMENTS IS ACCEPTABLE.
2. ADDITIONAL STEPS (UP TO A MAXIMUM OF 3) INCLUDING AN APPROPRIATE HANDRAIL MAY BE PROVIDED AT ANY PERSONNEL DOORWAY. IF THE STEPS ARE TO BE LOCATED WITHIN THE SUBSTATION CHAMBERS, IT WILL BE NECESSARY TO EXTEND THE SUBSTATION CHAMBER TO ACCOMMODATE THE ENCROACHMENT OF THE STEPS, SUCH THAT THE INTERNAL DIMENSIONS OF THE SUBSTATION CHAMBER ARE NOT REDUCED.
3. THESE DIMENSIONS VARY WITH HV SWITCHES USED. ALL DESIGNS MUST BE DISCUSSED WITH AND APPROVED BY THE REGIONAL ENGINEER.
4. ALL CONDUITS ENTERING THE CABLE PIT SHALL FINISH FLUSH WITH THE INTERNAL PIT WALL AND BE CAPPED WITH A BELL MOUTH FITTING.
5. ALL CONDUITS ENTERING THE SUBSTATION SHALL BE SEALED WITH A PWC APPROVED SEALING METHOD, REFER TO S02-1-9-03.

REINFORCED CONCRETE STRUCTURAL ROOF SLAB TO BE DESIGNED BY A QUALIFIED STRUCTURAL ENGINEER.




**SECTION A-A**  
SCALE 1:50



**SECTION B-B**  
SCALE 1:50

NO	DESCRIPTION	DRN	DATE	CKD	APPD
1	NOTE 4, 5 ADDED	A.T.	NOV'13	B.C.	B.C.
AMENDMENTS					



DES	I.PURVES	POWER STANDARD DRAWING		
DRN	G.R./A.D.	INDOOR SUBSTATION ONE TRANSFORMER ARRANGEMENT SURFACE CHAMBER - OPTION 3 CONSTRUCTION DETAILS SHEET 2 OF 3		
CKD	S.LEACH			
APPD	F.ROBSON			
SCALE	AS SHOWN			
ISSUED	MARCH '98	<b>A3</b>	<b>DRAWING NUMBER</b>	<b>S02-2-7-20</b>
ALL DIM.	IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		 <b>AMDT</b>