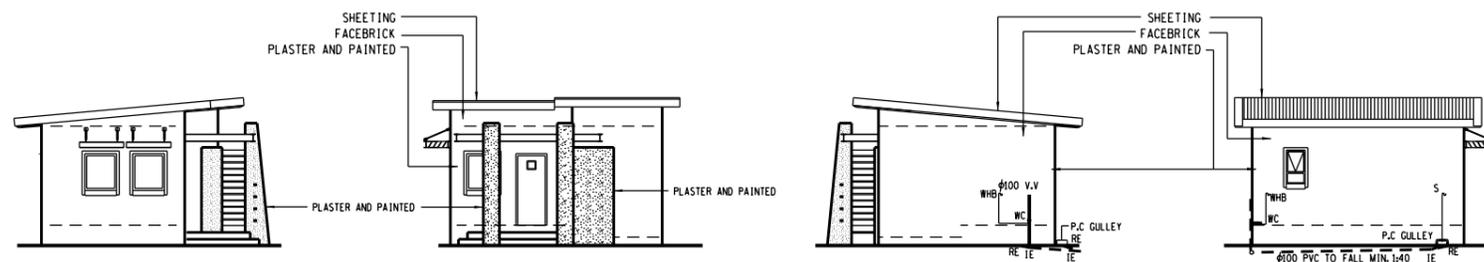
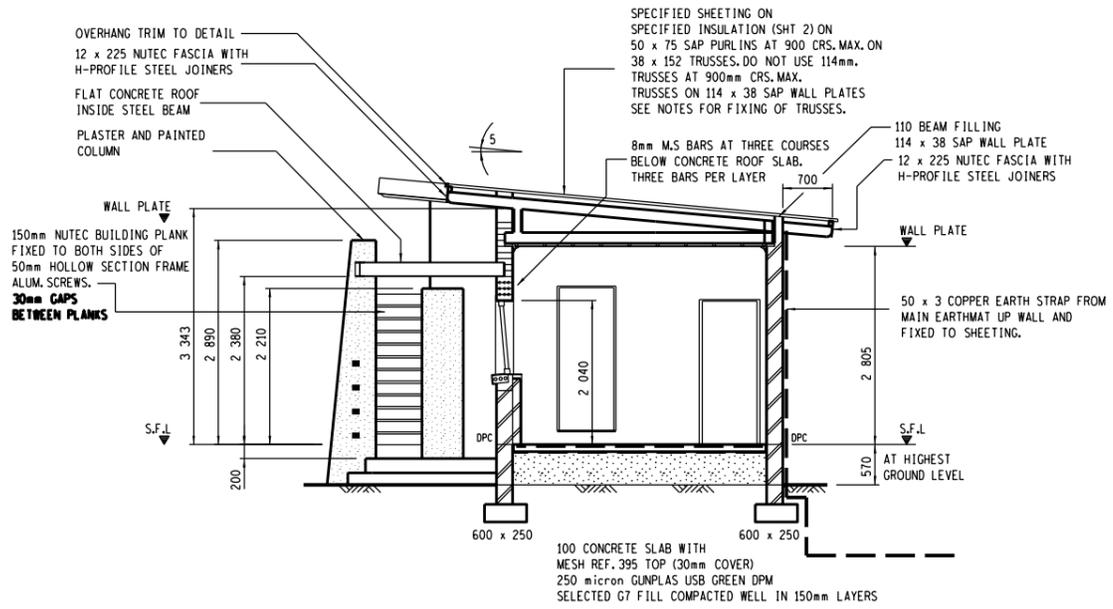


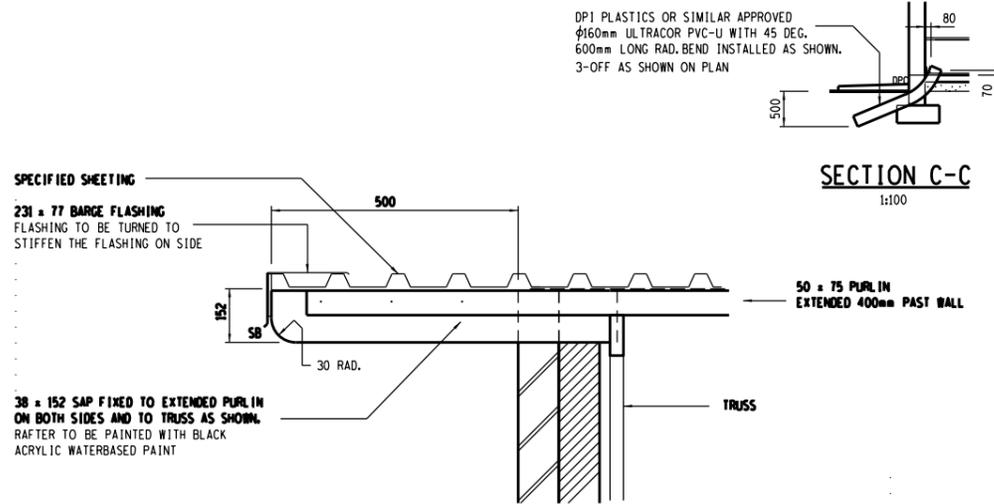
**SECTION B-B**  
1:50



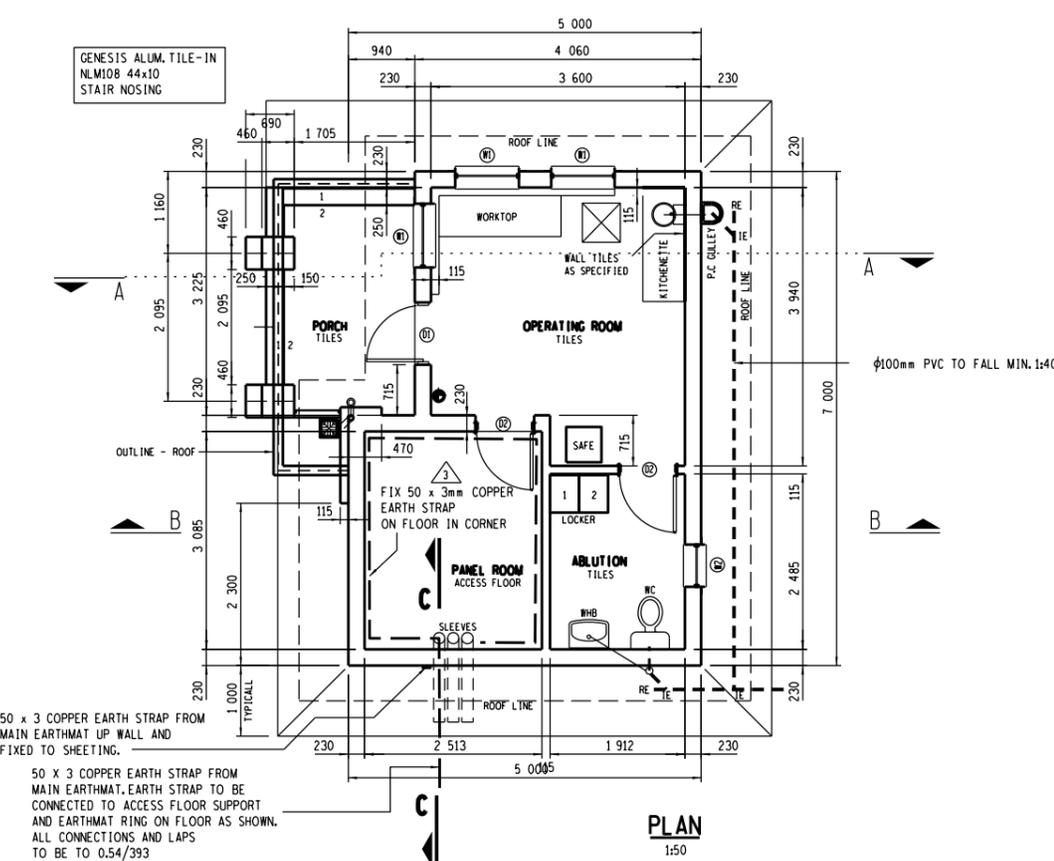
**SIDE ELEVATION (GATE)** 1:100  
**FRONT ELEVATION (ROAD)** 1:100  
**SIDE ELEVATION** 1:100  
**BACK ELEVATION** 1:100



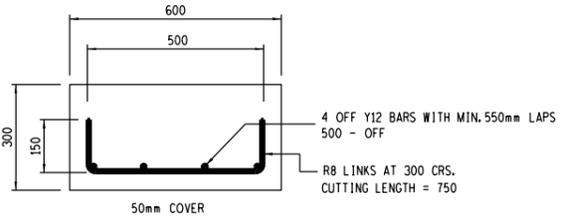
**SECTION A-A**  
1:50



**SECTION C-C** 1:100  
**GABLE OVERHANG** 1:10



**PLAN**  
1:50



**TYPICAL FOUNDATION REBAR DETAIL**

**GENERAL NOTES.**

- ALL WORK TO SANS 10400-1990-2, SANS1200 & NATIONAL PREAMBLE OF TRADES. ALL WORK AT LEAST COMPLIES WITH THE 'ACCURACY IN BUILDINGS' SANS 10155-1980-1, GRADE OF ACCURACY 2, UNLESS OTHERWISE SPECIFIED.
- BRICKS TO BE CLAY FACEBRICK CLASS 'FBS' TO SABS 227 IN CLASS II MORTAR. FACEBRICK TO BE LIGHT BROWN COROBRIK FYNBOS GEEL SATIN. INTERNAL PLASTERED WALLS TO BE CLAY BRICKS CLASS 'WFP' IN CLASS II MORTAR.
- BRICKWORK TO BE REINFORCED WITH 150mm 'BRICKFORCE' REINFORCEMENT TO FIRST FIVE COURSES ABOVE FOUNDATIONS AND FIVE COURSES ABOVE WINDOW AND DOOR HEAD HEIGHT AROUND, ALSO EVERY THIRD INTERMEDIATE COURSE. BRICKWORK ABOVE PREFABRICATED CONCRETE LINTEL TO BE SOAKED IN WATER. ALL JOINTS IN BRICKWORK TO BE SOLID POINTED CONCAVE.
- DEPTH OF FOUNDATIONS TO FOUND ON APPROVED FOUNDING MATERIAL.
- PREFABRICATED REINFORCED CONCRETE LINTELS OVER DOORS, OPENINGS, WINDOWS, ETC. TO BE ADEQUATELY SUPPORTED DURING BUILDING OPERATIONS.
- PREFABRICATED ROOF TRUSSES TO BE DESIGNED AND CONSTRUCTED BY AN APPROVED TRUSS-NAIL FABRICATOR, SUPPORTED ON WALL PLATES AND BE BEDDED ON CEMENT GROUT BED. CONTRACTOR TO PROVIDE WRITTEN GUARENTEE AND DESIGN ENGINEER'S CERTIFICATE.
- WALL PLATES AND RAFTERS TO BE LASHED DOWN WITH 38x1,6mm THICK GALVANISED HOOP-IRON TIES BUILT INTO EXTERNAL WALLS TO TEN BRICK COURSES BELOW WALL PLATE.
- PROVIDE 610x610mm FRAMED ACCESS TRAP DOOR IN CEILING AS SHOWN ON PLAN IN BATTERY ROOM.
- AIRCONDITIONING UNITS AS PER SPECIFICATION.

FOR SETTING OUT OF BUILDING SEE GENERAL ARRANGEMENT

TEMPEST OR SIMILAR  
1 x 4.5kg DRY POWDER  
FIRE EXTINGUISHERS  
TO BE SUPPLIED AND FITTED  
BY CONTRACTOR.  
ALL FIRE EXTINGUISHERS TO BE INSTALLED WHERE SHOWN  
ON 25mm NOMINAL THICKNESS HARDWOOD BACKING BOARDS  
WITH CHAMFERED EDGES, PLUGGED & SCREWED TO WALL.  
HOOK HEIGHT TO BE 1m ABOVE FLOOR.

610 x 610 TRAP DOOR IN  
CEILING, AS SHOWN ON PLAN.

**FINAL DESIGN  
FOR CONSTRUCTION**

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REFERENCE DRAWINGS
3	EARTHING ADDED TO PANEL ROOM					SHT 9 WORKTOP
2	FOUNDATION REBAR ADDED	DBN	AN	DBN	16-11-20	SHT 8 BURGLAR BAR
1	ENTRANCE DOOR ROTATED	DBN	AN	DBN	18-11-19	SHT 7 STEEL ARMING
						SHT 6 CONC. ROOF
						SHT 5 ACCESS FLOOR
						SHT 4 SANITARY
						SHT 3 WINDOWS/DOORS
						SHT 2 FINISHES

APPROVED BY	 Eskom Transmission	ESKOM HOLDINGS LIMITED REG NO. 2002/015527/06	
D GENERAL DATE 29/8/2011			
CHECKED BY	<b>TRANSMISSION SUBSTATIONS</b> <b>ACCESS CONTROL BUILDING-2011</b> <b>PLAN, SECTIONS, ELEVATIONS AND DETAILS</b>	SHEET NUMBER	REVISION
DBN DATE 29/8/2011		0.54/7515	1A
DRAWN BY			
DB NAUDE DATE 12/7/2011			
SCALE AS SHOWN			