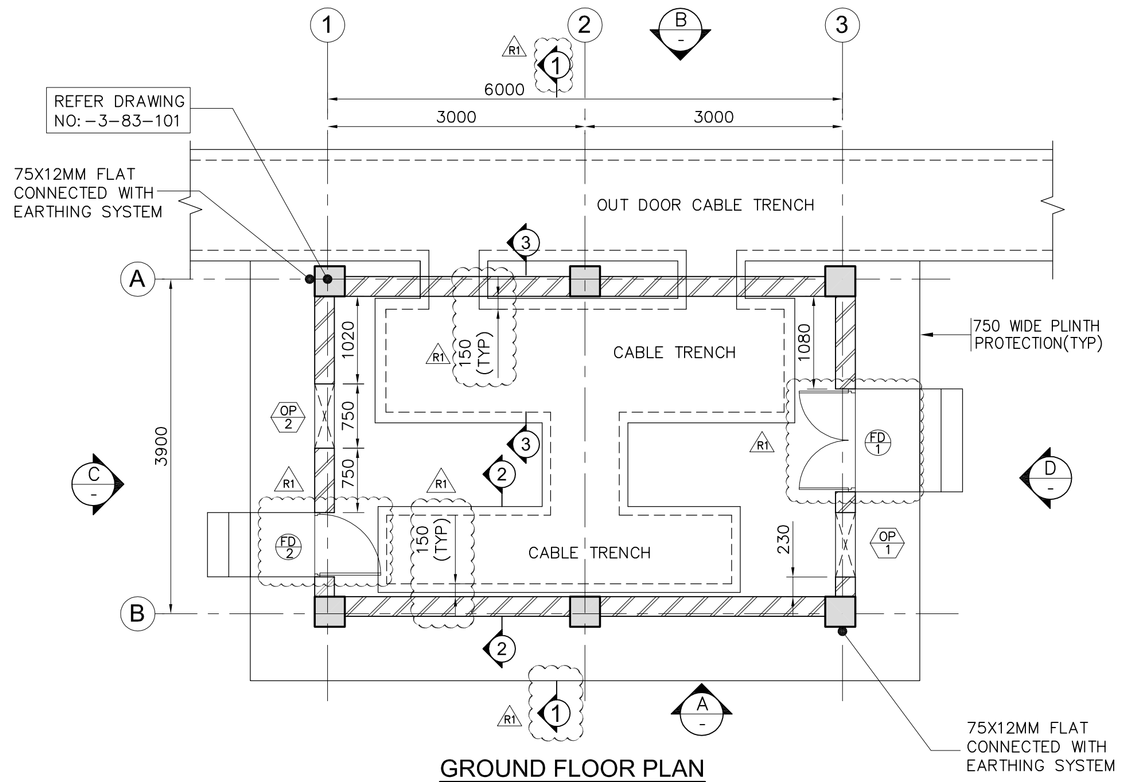
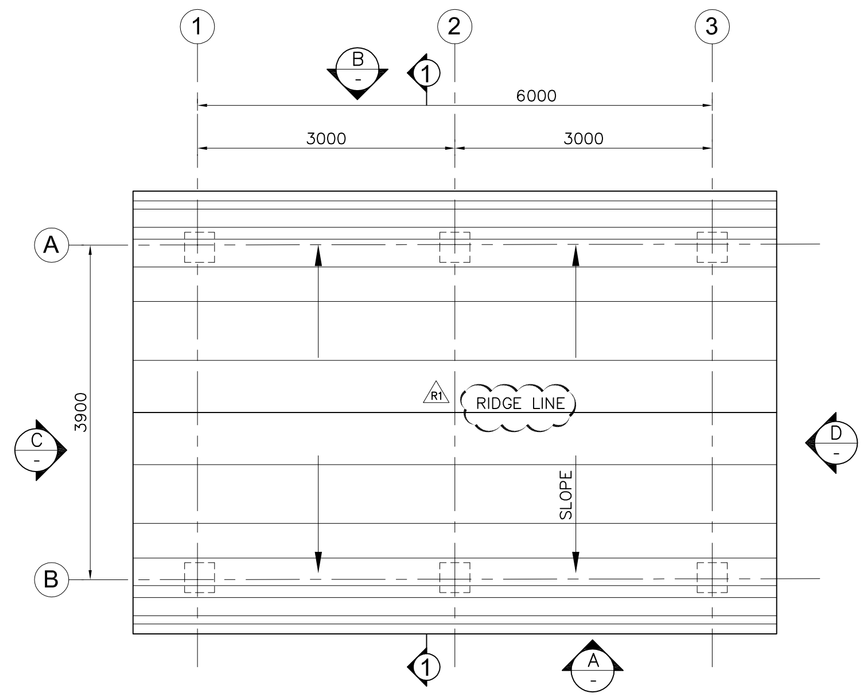
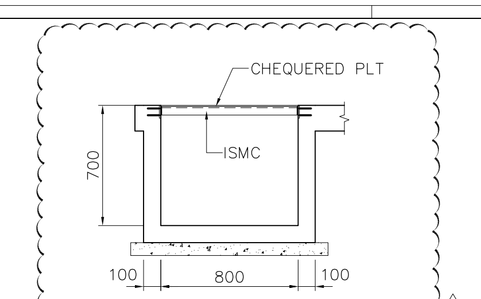


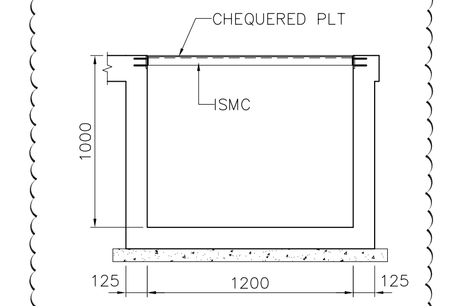
GROUND FLOOR PLAN
SCALE: 1:50



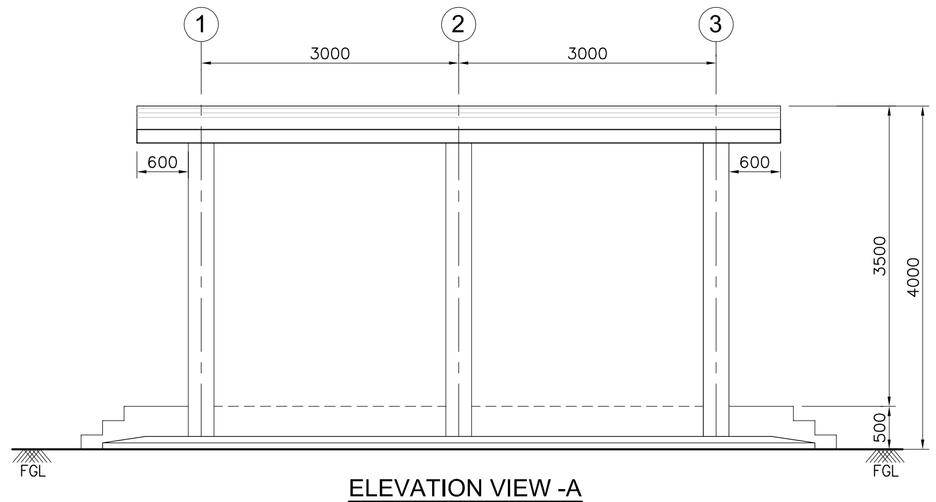
TERRACE FLOOR PLAN
(SCALE 1:50)



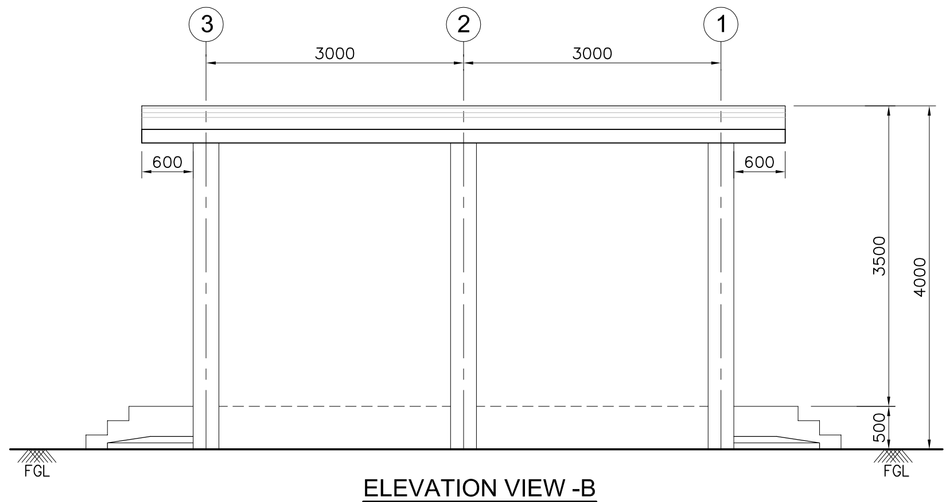
SECTION (2)
(SCALE 1:25)



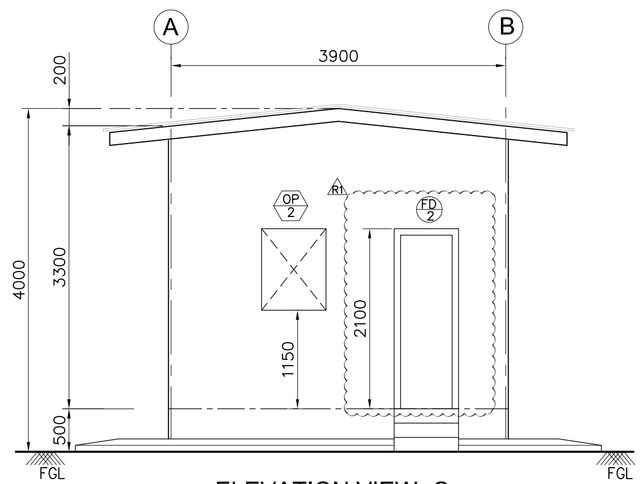
SECTION (3)
(SCALE 1:25)



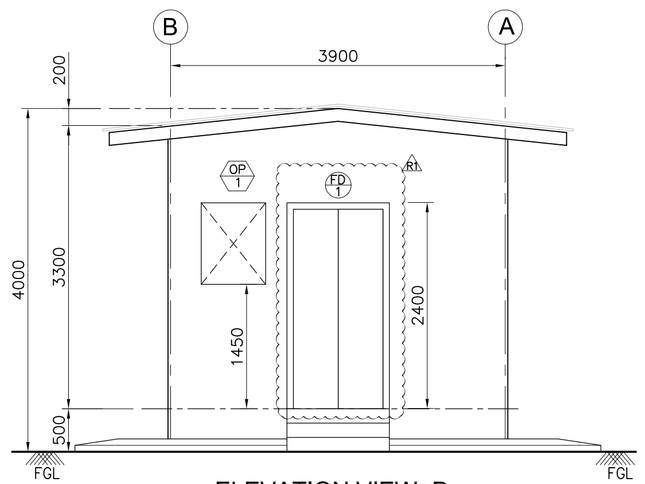
ELEVATION VIEW -A
(SCALE 1:50)



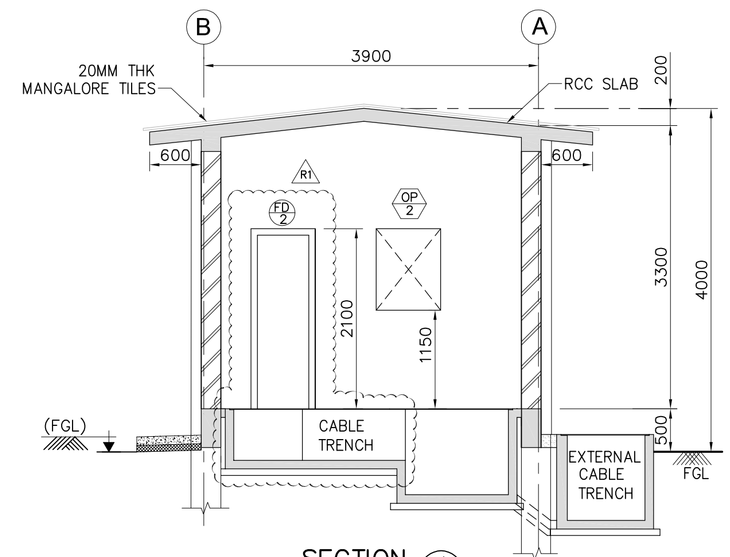
ELEVATION VIEW -B
(SCALE 1:50)



ELEVATION VIEW -C
(SCALE 1:50)



ELEVATION VIEW -D
(SCALE 1:50)



SECTION (1)
(SCALE 1:50)

SCHEDULE OF JOINERY

SYMBOL	Nos.	MASONRY OPENING WIDTH	MASONRY OPENING HEIGHT	REMARKS
FD 1	01	1200	2400	FIRE PROOF STEEL DOOR – DOUBLE SHUTTER
FD 2	01	750	2100	FIRE PROOF STEEL DOOR – SINGLE SHUTTER
OP 1	01	750	950	OPENING FOR FIXING AIR CONDITIONS
OP 2	01	750	950	OPENING FOR FIXING AIR CONDITIONS

FINISH SCHEDULE:

SERIAL NUMBER	ROOMS	FLOORS: POLISHED VITRIFIED TILES 600 X 600MM JOINT WITH WHITE CEMENT OVER CHICKEN WIRE MESH FIXED	INTERNAL WALLS: CERAMIC TILES OVER 12MM PLASTER WITH CHICKEN WIRE MESH ON ENTIRE SURFACE OF THE WALL	CEILING: 6MM THK PLASTER OVER CHICKEN WIRE MESH PAINTED WITH OIL BOUND DISTEMPER	EXTERNAL WALL: 18MM THK PLASTER IN TWO LAYER OVER CHICKEN WIRE MESH AND PAINTED WITH NOVALUX EXTERIOR PAINT
01	PANEL ROOM	•	•	•	•

0 2.5 5 METRES
0 50 100 mm
THIS MEASUREMENT IS 100 mm ON ORIGINAL DRAWING
IF NOT 100 mm ON THIS COPY, ADJUST SCALES ACCORDINGLY.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METERS, UNO.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS AND SPECIFICATION.
3. OPENING ARE PROVIDED FOR INSTALLATION OF ACs IN CASE ONE AC IS PROVIDED,OTHER OPENING SHALL BE CLOSED.
4. 22G X 12MM,CHICKEN WIRE MESH TO BE PROVIDED FOR ALL WALL, FLOORING AND ROOF,CHICKEN WIRE MESH SHALL BE CONNECTED WITH EARTHING SYSTEM THROUGH 75 X 12 MM FLAT FIXED ON DIAGONALLY OPPOSITE COLUMNS ON ITS OUTER SURFACE.
5. OPENING SHALL BE SEALED PROPERLY (AFTER LAYING OF ALL CABLES) BY FIRE SEALING COMPOUND.

LEGEND:

	230 THK BRICK WALL
FGL	FINISHED GROUND LEVEL
FFL	FINISHED FLOOR LEVEL
FPL	FINISHED PAVING LEVEL
TYP	TYPICAL
THK	THICKNESS

REFERENCE DRAWINGS

(CONSTRUCTION)

3-00-004 – GENERAL NOTES FOR MASONRY STRUCTURES
3-83-101 – LAYOUT OF RELAY BUILDING

(ENGINEERING)

TB-0-343-316-115 – TRENCH LAYOUT HVDC –AGRA
1JNL100409-604-R2 – OVER ALL LAYOUT – AGRA
C-ENGG-STD-PR-ARCH-3000 -R2- ARCHITECTURAL DRAWING OF PANEL ROOM
3-00-010 – GENERAL NOTES- DOOR SCHEDULE
3-00-011 – GENERAL NOTES- WINDOW SCHEDULE

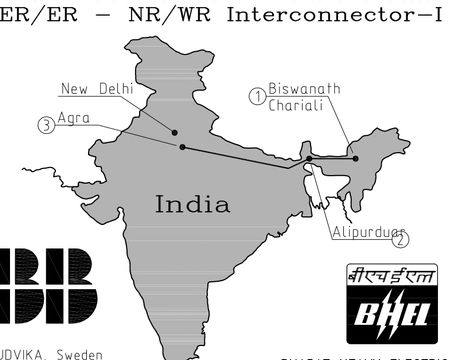
NOTE: FOR EARLIER REVISION REFER 3-83-102-DATED 05.06.12

R1	REVISED AS PER COMMENTS (R1)	21.08.12	ST	
R0	ISSUED FOR APPROVAL	05.06.12	ST	
Rev.Ind	Revision	Year Week	Appd.	

FOR APPROVAL

POWER GRID CORPORATION OF INDIA LIMITED
(A government of India Enterprise)

±800 kV 6000 MW HVDC Multi Terminal
NER/ER – NR/WR Interconnector-I



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BHARAT HEAVY ELECTRICALS LTD.
TRANSMISSION PROJECTS DIVISION

Civil and Building Works incl EL and Mech. Services.

CONSULTANT
FICHTNER Consulting Engineers (India) Private Limited
Chennai.

AGRA CONVERTER STATION
RELAY BUILDING - (TYPE-2)
ARCHITECTURAL PLANS
SECTION AND ELEVATIONS

Date	Drawn by	Checked by	Scale (AT-Print)	Drawing No.	Rev
05.06.12	SSN	MMPS/MKK	1:50	5517-3-83-102	R1