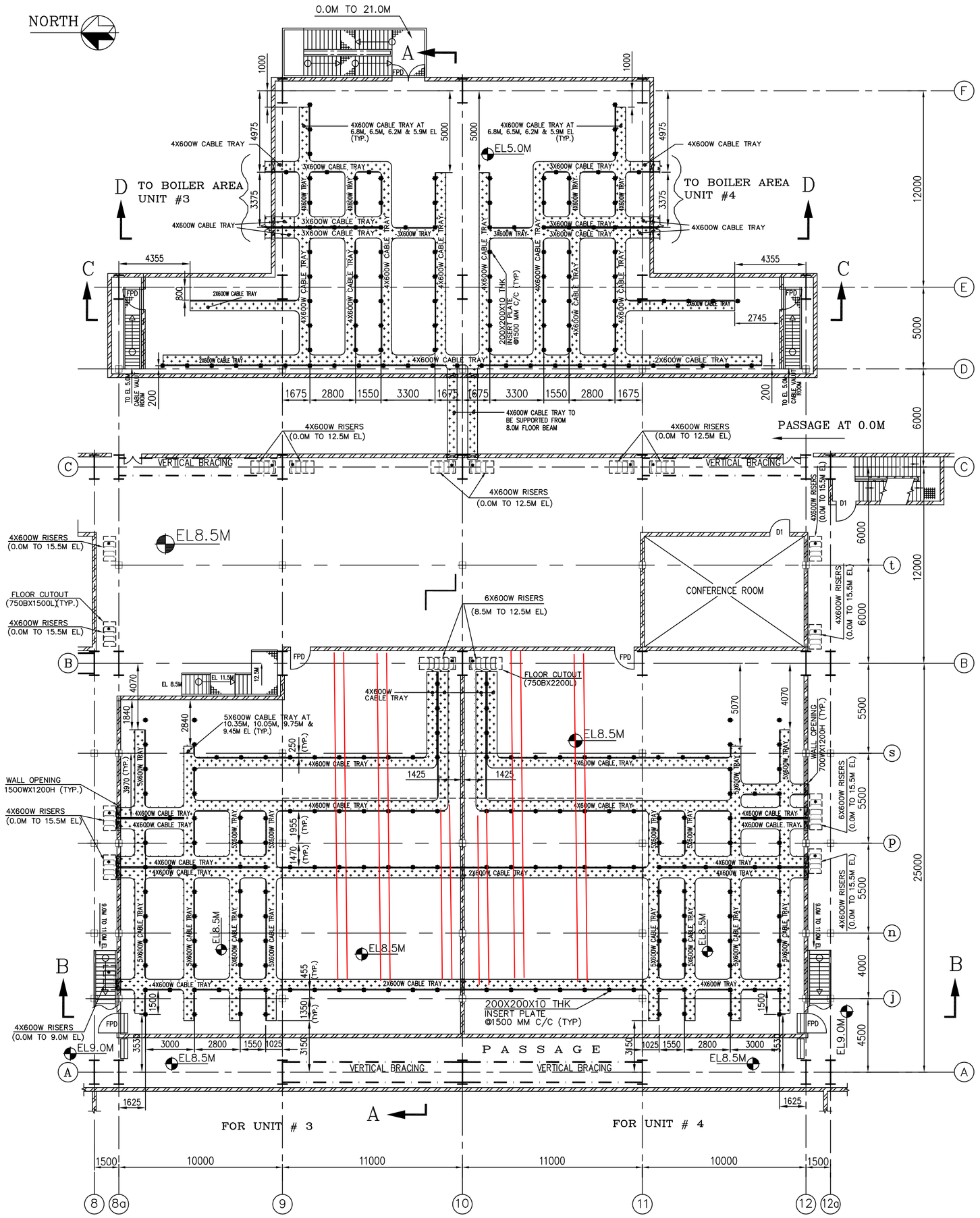
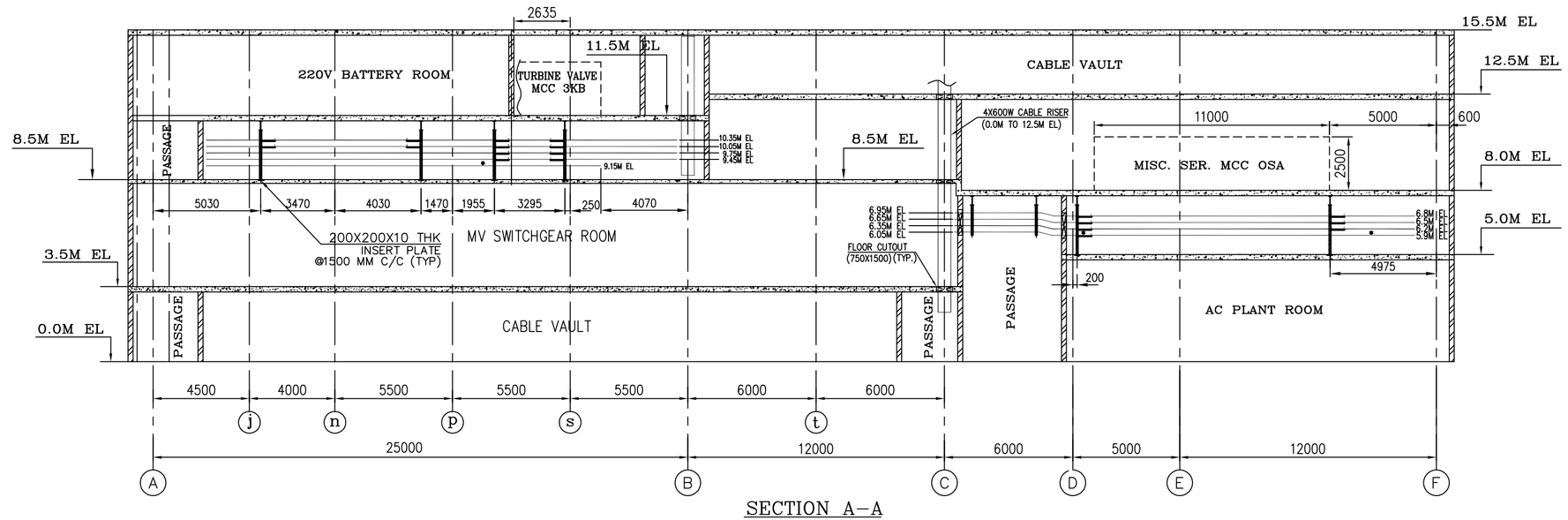
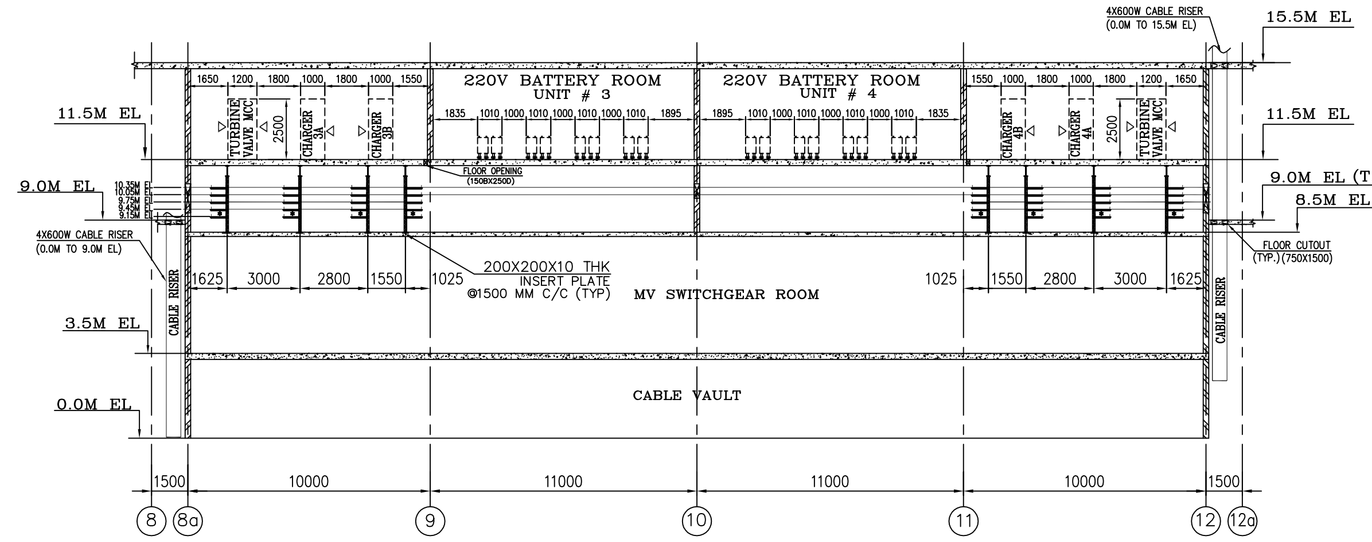


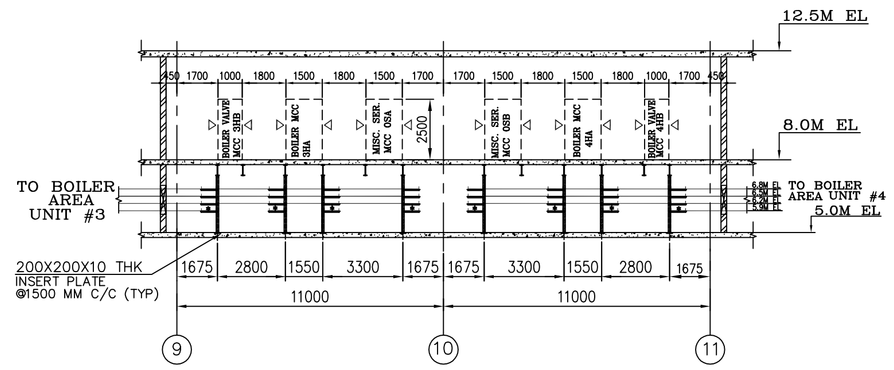
CABLE VAULT PLAN LAYOUT AT 5.0M/8.5M EL



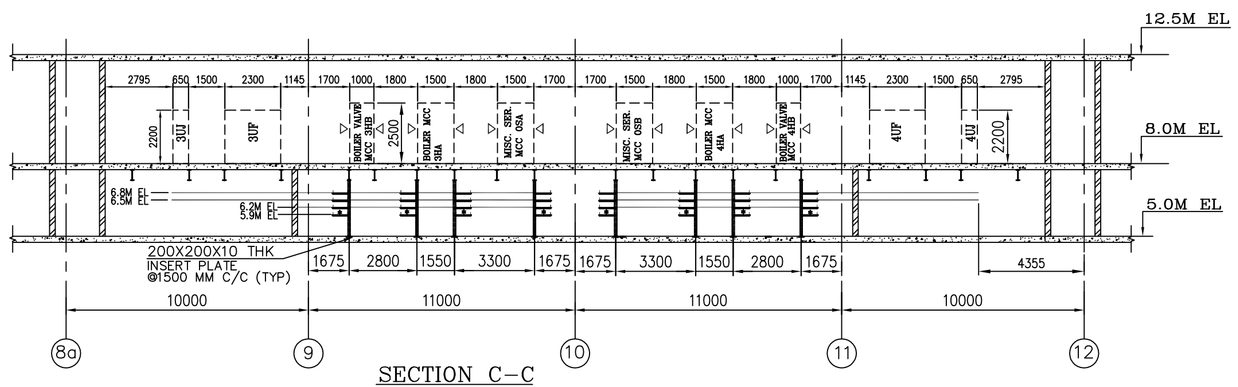
SECTION A–A



SECTION B–B



SECTION D–D



SECTION C–C

LEGENDS

- BRICK WALL
- OPERATING FRONT OF PANEL
- FPD — FIRE PROOF DOOR
- CABLE TRAY RISER
- CABLE TRAY
- VERTICAL CABLE TRAY
- WALL OPENING
- * PERFORATED TYPE CABLE TRAY

REF. DRGS.

	TITLE	DRG NO	SOURCE
1.	MAIN EQUIPMENT PLANT LAYOUT	PE–DG–281–100–M002	BHEL/PEM
2.	T.G. HALL EQUIPMENT LAYOUT PLAN AT 9.0M FLOOR	PE–DG–281–100–M004	BHEL/PEM
3.	ELECTRICAL SLD FOR AUXILIARY POWER DISTRIBUTION	PE–DG–281–565–E001	BHEL/PEM
4.	LV SWITCHGEAR & DC EQUIPMENT ROOM LAYOUT	PE–DG–281–100–E003	BHEL/PEM
5.	CABLE ERECTION PHILOSOPHY	PE–DG–281–507–E004	BHEL/PEM
6.	TYPICAL DETAILS OF CABLE TRAYS & ACCESSORIES	PE–DG–281–507–E005	BHEL/PEM
7.	TYPICAL CABLE TRAY SUPPORTING ARRANGEMENT	PE–DG–281–507–E006	BHEL/PEM

NOTES

1. ALL DIMENSIONS ARE IN MM AND ELEVATIONS IN METRES.
2. ALL ELEVATIONS MARKED ARE W.R.T. FINISHED FLOOR ELEVATION 0.0M WHICH CORRESPONDS TO RL +10.5M ABOVE MSL.
3. ALL CABLE TRAYS USED SHALL BE OF 600MM WIDE, UNLESS NOTED OTHERWISE.
4. CABLE TRAYS & SUPPORTS INSTALLATION SHALL BE DONE AS PER REFERENCE DRG. SL. NO. 5, 6 & 7.
5. ALL PANELS ARE SUITABLE FOR BOTTOM ENTRY OF POWER AND CONTROL CABLES.
6. THIS DRAWING SHALL BE REFERRED ONLY FOR CABLING LAYOUT. FOR ALL OTHER MECHANICAL/ CIVIL DETAILS APPLICABLE DRAWINGS SHALL BE REFERRED.
7. ALL CABLE OPENINGS IN WALLS FLOORS SHALL BE SEALED WITH CABLE FIRE SEALING SYSTEM MATERIAL AFTER COMPLETION OF CABLE LAYING.
8. BOTTOM MOST TRAY OF HORIZONTAL RUNS SHALL BE PERFORATED TYPE.
9. CABLE ROUTING SECTION DETAILS & TRAY IDENTIFICATION SHALL BE ADDED IN SUBSEQUENT REVISION WHILE CABLE ROUTING.

REV	DATE	ALTD	CHD	APPD
2	28.08.08			
1				

1 — REVISED AS PER M.O.M. DATED 24-25/07/2008. BETWEEN TCE/GSECL & BHEL PEM.

REV	DATE	ALTD	CHD	APPD
1	06.06.2008	–SD–	–SD–	–SD–

1 — REVISED AS PER TCE COMMENTS VDE LETTER NO.TCE-5064A-EL-BHELPEM-VDT-014 DATED 14.05.2008

CUSTOMER	GSECL — GUJARAT STATE ELECTRICITY CORPORATION LTD.
CUSTOMER'S CONSULTANT	TCE — TCE CONSULTING ENGINEERS LIMITED
JOB No.	281
STATUS	CONTRACT
DISTRIBUTION	

2 X 250 MW SIKKA THERMAL POWER PROJECT (EXTENSION UNITS 3 & 4) DIST. JAMNAGAR

BHARAT HEAVY ELECTRICALS LTD — POWER SECTOR — PROJECT ENGINEERING MANAGEMENT — NOIDA

DEPT CODE		NAME	SIGN	DATE
E	DRN	PS	–SD–	05.04.2008
	DESN	PS	–SD–	05.04.2008
	CHD	SBH/NDG	–SD–	05.04.2008
	APPD	MK	–SD–	05.04.2008

TITLE: CABLING LAYOUT BELOW LV SWITCHGEAR ROOM

MPL	C	MSE	I	MAX	E	DEPT.	SCALE 1:125	DRAWING No. PE-DG-281-100-E010
						SIGN		
						DATE		SHEET 1 OF 1 REV 2

SIZE-A1

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COMPUTER FILE NAME: 281_100_E010_R1