

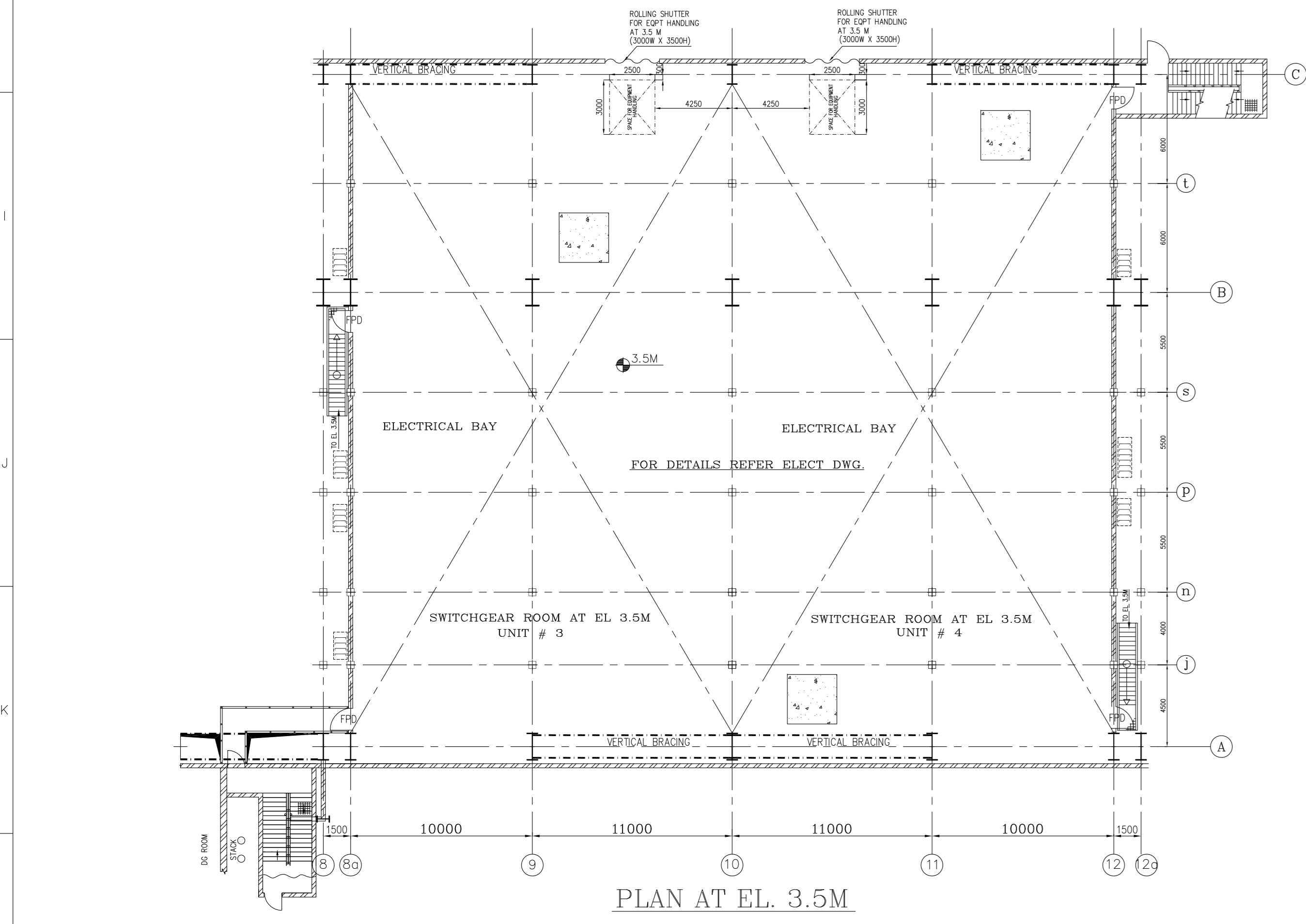
PLAN AT EL. 0.0M

- LEGEND:**
- CHEQUERED PLATE FLOORING
 - REMOVABLE CHEQUERED PLATE
 - GRATED FLOORING
 - REMOVABLE GRATING
 - CONCRETE BLOCK
 - CUT OUTS
 - HAND RAILING
 - PARAPET WALL
 - GLASS PARTITION
 - BRICK WALL

- NOTES:-**
- ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED OTHERWISE.
 - TO HALL 0.0M LEVEL CORRESPONDS TO RL +10.5M ABOVE MSL.
 - FOR TO COLS & FLOOR FRAMING REFER CIVIL DRGS SEPARATELY.
 - ALL CIVIL DETAILS SUCH AS DOORS/WALLS/CLADINGS/OPENINGS/TOILETS/STAIRCASES ETC. ARE INDICATIVE ONLY & FOR EXACT DETAILS REFER CIVIL/ARCHITECTURE DRAWINGS.

- REFERENCE DRGS:-**
- | | |
|--|---------------------------|
| 1. CONDENSER | 0-160-10-70055C131 (HWR) |
| 2. GLAND STEAM CONDENSER | 0-162-05-70009C131 (HWR) |
| 3. GA OF DRAIN COOLER | 0-162-01-70055C131 (HWR) |
| 4. OIL ROOM ARRANGEMENT | 0-13100-A5004 (HWR) |
| 5. GA OF CEP | HY-DG-1-18000-56387 (HYD) |
| 6. GA & FOUNDATION DETAILS OF BFP SET | HY-DG-1-18000-56380 (HYD) |
| 7. GA OF HP FLASH TANK | 2-16003-40256 (BPL) |
| 8. GA OF LP FLASH TANK | 2-16003-40257 (BPL) |
| 9. GA OF UNIT FLASH TANK | 2-16003-40258 (BPL) |
| 10. GA OF CLEAN OIL TANK | 1-17002-40232 (BPL) |
| 11. GA OF DIRTY OIL TANK | 1-17002-40233 (BPL) |
| 12. GA & FOUNDATION DETAIL OF HYDRAZINE DODGING SYSTEM | PE-DG-281-154-A010 (PEM) |
| 13. GA & FOUNDATION DETAIL OF AMMONIA DODGING SYSTEM | PE-DG-281-154-A011 (PEM) |
| 14. GA & FOUNDATION DETAIL OF AMMONIA DODGING SYSTEM | PE-DG-281-154-A012 (PEM) |
| 15. CLEAN OIL TRANSFER PUMP | PE-VO-281-567-A051 |
| 16. DIRTY OIL TRANSFER PUMP | PE-VO-281-567-A051 |
| 17. DRAIN OIL RETURN PUMP | PE-VO-281-567-A051 |
| 18. DUPLEX STRAINER | PE-VO-281-567-A053 |

- DETAILS OF PANELS/JUNCTION BOXES**
- CXW01A - STARTER CABINET FOR DC SEAL OIL MOTOR [1000(W)x800(D)x2200(H)]
 - CXW01B - GENERATOR INSTRUMENTATION CABINET [1200(W)x800(D)x2110(H)]
 - CXW01F - RESISTANCE BOX FOR DC SEAL OIL MOTOR [600(W)x600(D)x620(H)]
 - ANK01A - STARTER CABINET FOR DC JACKING OIL MOTOR [1000(W)x800(D)x2200(H)]
 - ANK01B - STARTER CABINET FOR DC EMERGENCY LUBE OIL MOTOR [1000(W)x800(D)x2200(H)]
 - CXW01D - RESISTANCE BOX FOR DC JACKING OIL MOTOR [900(W)x500(D)x490(H)]
 - CXW01E - RESISTANCE BOX FOR DC EMERGENCY LUBE OIL MOTOR [1300(W)x750(D)x1050(H)]



PLAN AT EL. 3.5M

TCE DRG. No. - TCE.5064A-EPC-BH(PEM)-M003

CUSTOMER	GUJARAT STATE ELECTRICITY CORPORATION LTD.
CUSTOMER'S CONSULTANT	TCE CONSULTING ENGINEERS LIMITED
JOB No.	281
STATUS	CONTRACT
DISTRIBUTION	
TO	
BY	
DATE	
REV	

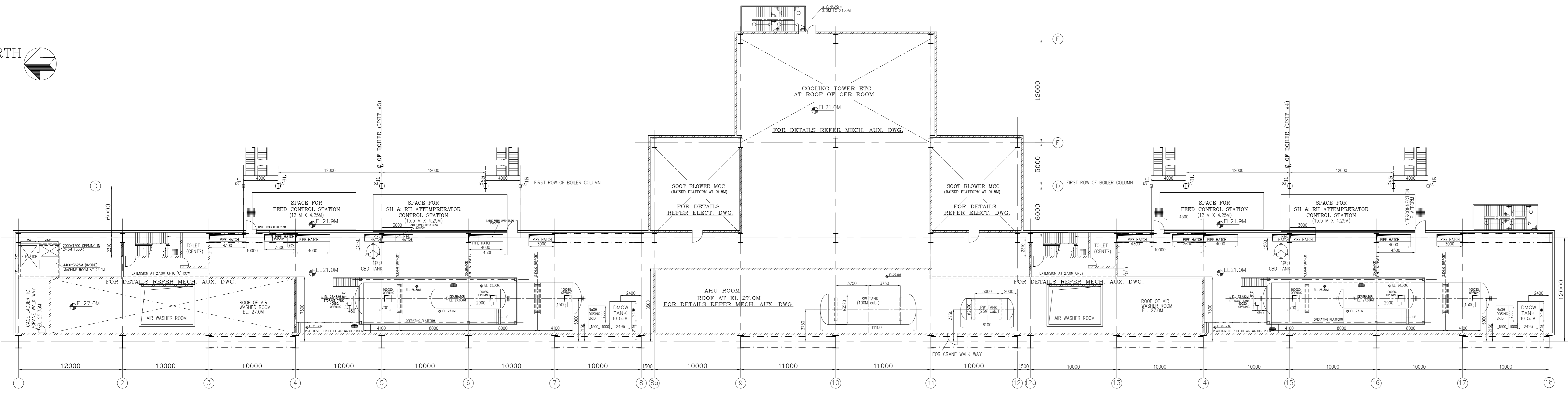
BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

T.G.HALL EQUIPMENT LAYOUT PLAN AT 0.0M FLOOR

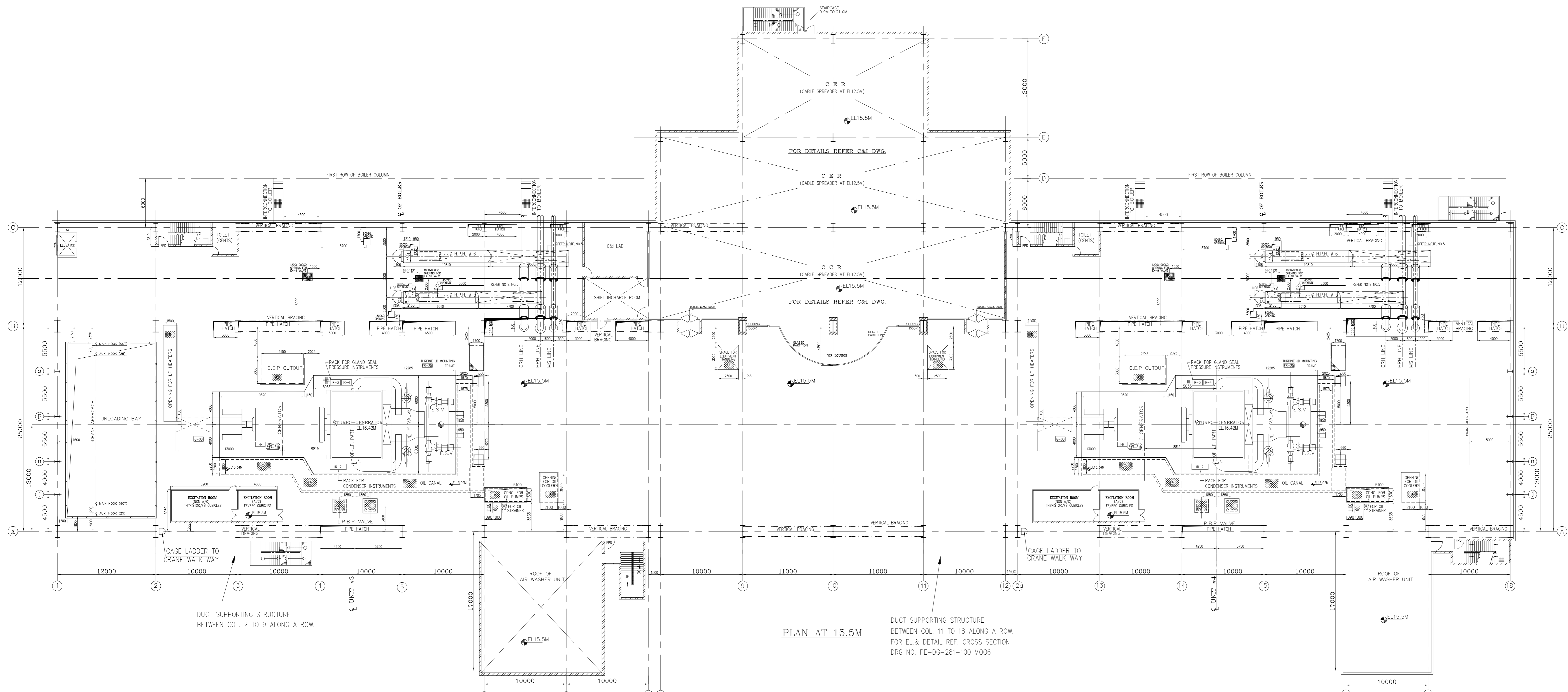
SCALE 1:200
DRAWING No. PE-DG-281-100-M003
SHEET 1 OF 1 REV 02

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COMPUTER FILE NAME: 281_100_M003_02



PLAN AT 21.0M



PLAN AT 15.5M

- LEGEND:**
- CHEQUERED PLATE FLOORING
 - REMOVABLE CHEQUERED PLATE
 - GRATED FLOORING
 - REMOVABLE GRATING
 - CONCRETE BLOCK
 - CUT OUTS
 - HAND RAILING
 - PARAPET WALL
 - GLASS PARTITION
 - BRICK WALL

- NOTES:-**
1. ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED OTHERWISE.
 2. TO HALL LOW LEVEL CORRESPONDS TO RL +10.5M ABOVE MSL.
 3. FOR ITS CO.S & FLOOR FRAMING REFER CIVIL DRGS. SEPARATELY.
 4. ALL CIVIL DETAILS SUCH AS DOORS/WALLS/CLOINGS/OPENINGS/TOILETS/STAIRCASES ETC. ARE INDICATIVE ONLY & FOR EXACT DETAILS REFER CIVIL/ARCHITECTURE DRAWINGS.
 5. CIVIL TO PROVIDE 2ND. EPS (TOS) 150MM WIDE X 1500MM LONG FOR HPH-5, 150MM WIDE X 1800MM LONG FOR HPH-6 FOR MOVEMENT OF LP HEATERS AS PER LOCATION SHOWN IN THE DWG.

- REFERENCE DRGS.:-**
- | | |
|----------------------------------|--------------------------|
| 1. CONDENSER | 0-160-10-70055C131 (HWR) |
| 2. GENERATOR OUTLINE | 0-139-00-01275 (HWR) |
| 3. FOUNDATION PLAN | 0-13100-40163 (HWR) |
| 4. OIL CANAL DETAILS | 0-13100-45001 (HWR) |
| 5. OIL ROOM ARRANGEMENT | 0-13100-45004 (HWR) |
| 6. GA OF HP HEATER # 5 | 1-17500-40119 (BPL) |
| 7. GA OF HP HEATER # 6 | 1-17500-40120 (BPL) |
| 8. GA OF SPRAY GUM TRAY DEGRADER | 1-1615-10-11260 (HYD) |
| 9. GA OF SERVICE WATER TANK | 1-17052-40229 (BPL) |
| 10. GA OF POTABLE TANK | 1-17052-40230 (BPL) |
| 11. GA OF DMCW TANK | 1-17052-40231 (BPL) |

TCE DRG. No. - TCE.5064A-EPC-BH(PEM)-M005

CUSTOMER	GUJARAT STATE ELECTRICITY CORPORATION LTD.
CUSTOMER'S CONSULTANT	TCE CONSULTING ENGINEERS LIMITED
JOB No.	281
STATUS	CONTRACT
DISTRIBUTION	2 X 250 MW SIKKA THERMAL POWER PROJECT (EXTENSION UNITS 3 & 4) DIST. JAMNAGAR
TO	BHARAT HEAVY ELECTRICALS LTD
BY	PROJECT ENGINEERING MANAGEMENT NEW DELHI
DATE	13.03.08
REV	14.09.09
DATE	14.09.09
ALD	SANJIVBH/D/BKA
CHD	AJ
APPO	01
DATE	13.03.08
ALD	SANJIVBH/D/BKA
CHD	AJ
APPO	01

T.G.HALL EQUIPMENT LAYOUT PLAN AT 15.5M & 21.0M FLOOR

SCALE: 1:200

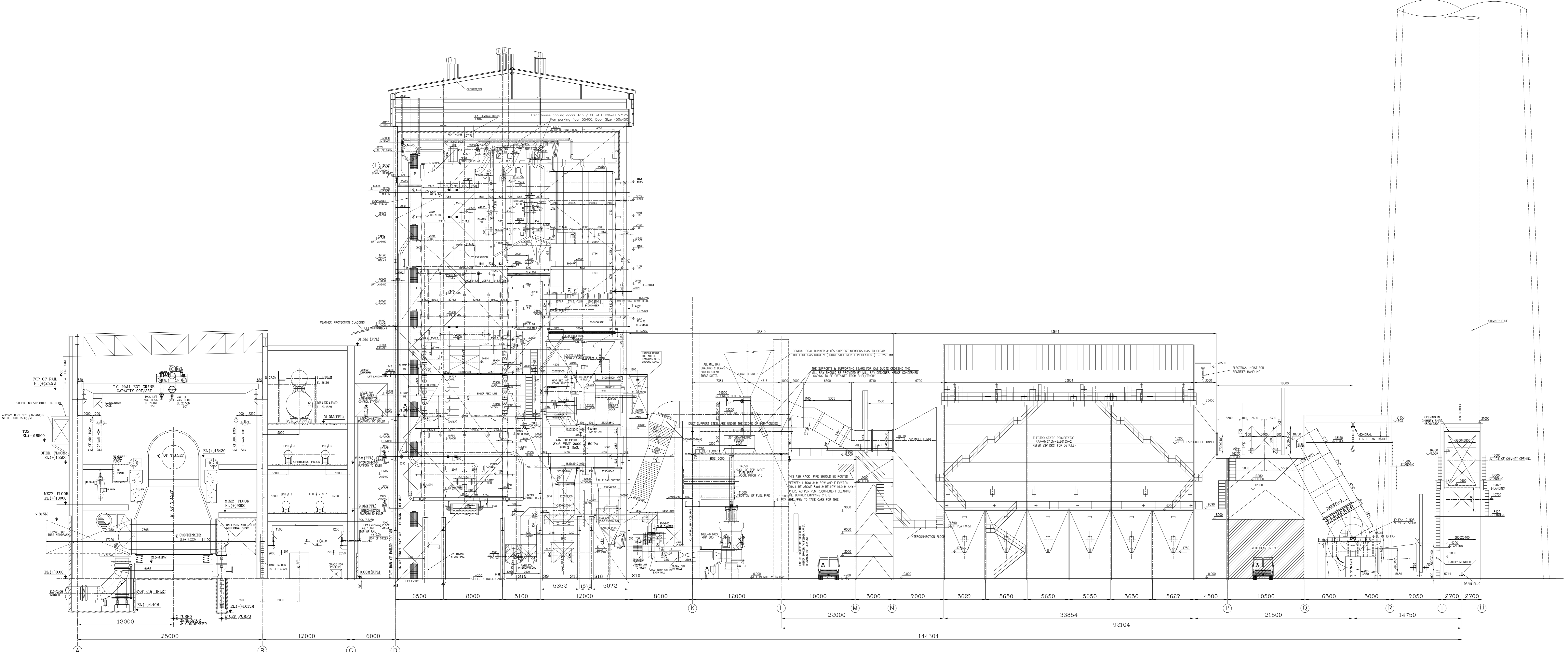
DRAWING No. PE-DG-281-100-M005

SHEET 1 OF 1

REV 02

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COMPUTER FILE NAME: 281_100_M005.DWG



- REFERENCE DRGS:-**
- 1. GA OF BOILER SECTIONAL ELEVATION 0-00-022-74224 (TRY)
 - 2. LAYOUT OF ID SYSTEM ELEVATION 0-00-020-74232 (TRY)

- NOTES:-**
1. ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED OTHERWISE.
 2. TG HALL 0.0M LEVEL CORRESPONDS TO RL +10.5M ABOVE MSL.
 3. FOR TG COLS & FLOOR FRAMING REFER CIVIL DRGS SEPARATELY.
 4. ALL CIVIL DETAILS SUCH AS DOORS/WALLS/CLADINGS/OPENINGS/TOILETS/STAIRCASES ETC.
 5. ARE INDICATIVE ONLY & FOR EXACT DETAILS REFER CIVIL/ARCHITECTURE DRAWINGS.
 6. AD- ACCESS DOOR. (Size 450 mm * 450 mm)

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COMPUTER FILE NAME: 281_100_M006_R2

REV		DATE	ALTD	CHD	APPD	REV		DATE	ALTD	CHD	APPD	TITLE	
01	14.09.09			SANJEEV	HRI/894	AJ	01	13.03.08			SANJEEV	HRI/894	AJ
1. DRG REVISED AS PER CUSTOMER'S LETTER NO. TCE.5064A-NE-BH(PEM)-001-013 DATED 05.12.07. 2. GGT CRANE CLEARANCES UPDATED. 3. VENTILATION DUCT ADDED & DRG UPDATED.													
CROSS SECTION DRAWING (FROM TG HALL A-ROW TO CHIMNEY)												DEPT. NAME SIGN DATE M V KUMAR SA/- 01.11.2007 CHD BK AGARWAL SA/- 01.11.2007 APPD ANIL JOSHI SA/- 01.11.2007	
MPL C HSE I MAX E DEPT. SCALE 1:100 DRAWING No. PE-DG-281-100-M006 SHEET 1 OF 1 REV 02												S12E-00	

TCE DRG. No. - TCE.5064A-EPC-BH(PEM)-M006

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