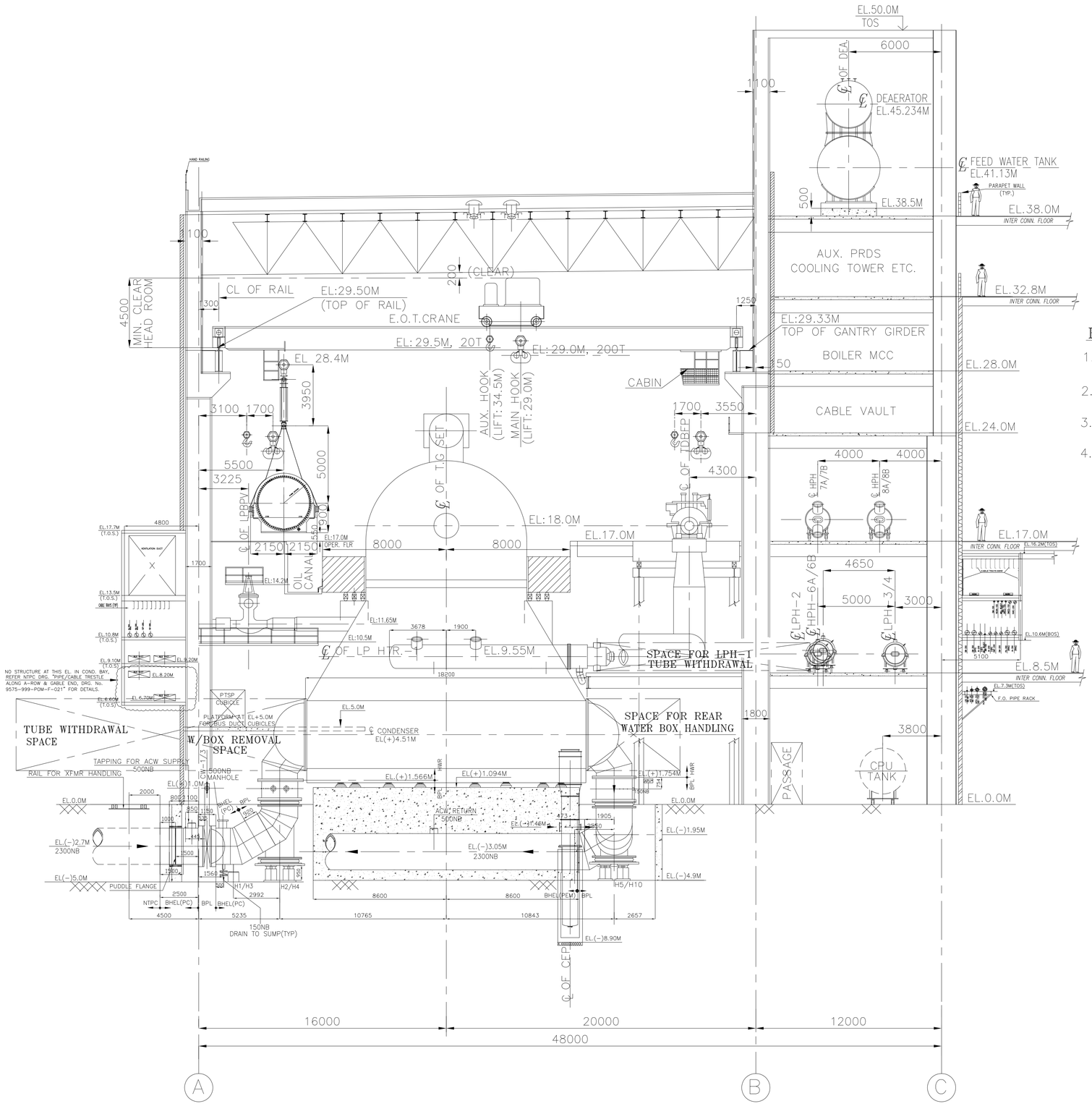
COPYRIGHT AND CONFIDENTIAL
© BHARAT HEAVY ELECTRICALS LIMITED
The information on this document is the property of BHEL-HEAVY ELECTRICALS LIMITED.
It must not be used directly or indirectly in any way detrimental to the interest of the company.



REFERENCE DRAWINGS:

1.	EQUIPMENT PLAN AT 8.5M	PE-DG-387-100-M004 (PEM) 9575-110-PE-PVM-F-1911 (NTPC)
2.	EQUIPMENT PLAN AT 17.0M	PE-DG-387-100-M005 (PEM) 9575-110-PE-PVM-F-1912 (NTPC)
3.	EQUIPMENT PLAN AT 24.0M, 32.8M & 38.0M	PE-DG-387-100-M006 (PEM) 9575-110-PE-PVM-F-1913 (NTPC)
4.	EQUIPMENT PLAN AT 0.0M	PE-DG-387-100-M003 (PEM) 9575-110-PE-PVM-F-1910 (NTPC)

NOTES:-

1. ALL DIMENSIONS ARE IN MM'S AND LEVELS ARE IN METRES.
2. ALL ELEVATIONS INDICATED IN THE DRG. ARE W.R.T. POWER HOUSE GROUND FLOOR EL. AS 0.00M. EL 0.00M CORRESPONDS TO RL (+)271.5M.
3. EQUIPMENTS & FACILITIES SHOWN FOR PACKAGES OTHER THAN TG PACKAGE ARE SUGGESTIVE ONLY HOWEVER IT IS PREFERRED THAT SIMILAR DETAILS BE ENSURED FORM RESPECTIVE PACKAGE VENDORS.

REV.	DATE	ALTD	CHD	APPD
02	25/06/13	SD	SK	AJ
1	DRAWING REVISED INLINE WITH NTPC COMMENTS.			
2	LPH-1 ELEVATION REVISED AGAIN TO EL+9.55M.			

REV.	DATE	ALTD	CHD	APPD
1	08/10/12	SD	SK	AJ
	DRAWING REVISED INLINE WITH NTPC COMMENTS.			

NTPC DRAWING No. 9575-110-PE-PVM-B-1870

JOB NO. 387
STATUS CONTRACT
DISTRIBUTION
TO
No. OF

NTPC LTD.
MOUDA SUPER THERMAL POWER PROJECT
STAGE-II (2 x 660MW)

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

DEPT CODE		NAME	SIGN	DATE
M	DRN.	S DUGGAL		14/05/12
	DESN	S DUGGAL		14/05/12
	CHD	S KUMAR		16/05/12
	APPD	S MALAVIYA		14/05/12

TITLE
CROSS SECTION - T.G. HALL

DEPT.
SCALE: 1:100
SIGN
DATE

DRAWING NO.
PE-DG-387-100-M007

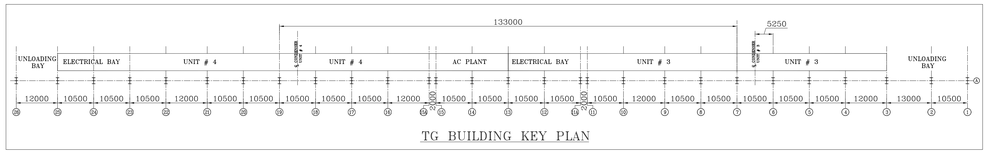
SHEET 1 OF 1 REV. 02

FORMAT SIZE A0

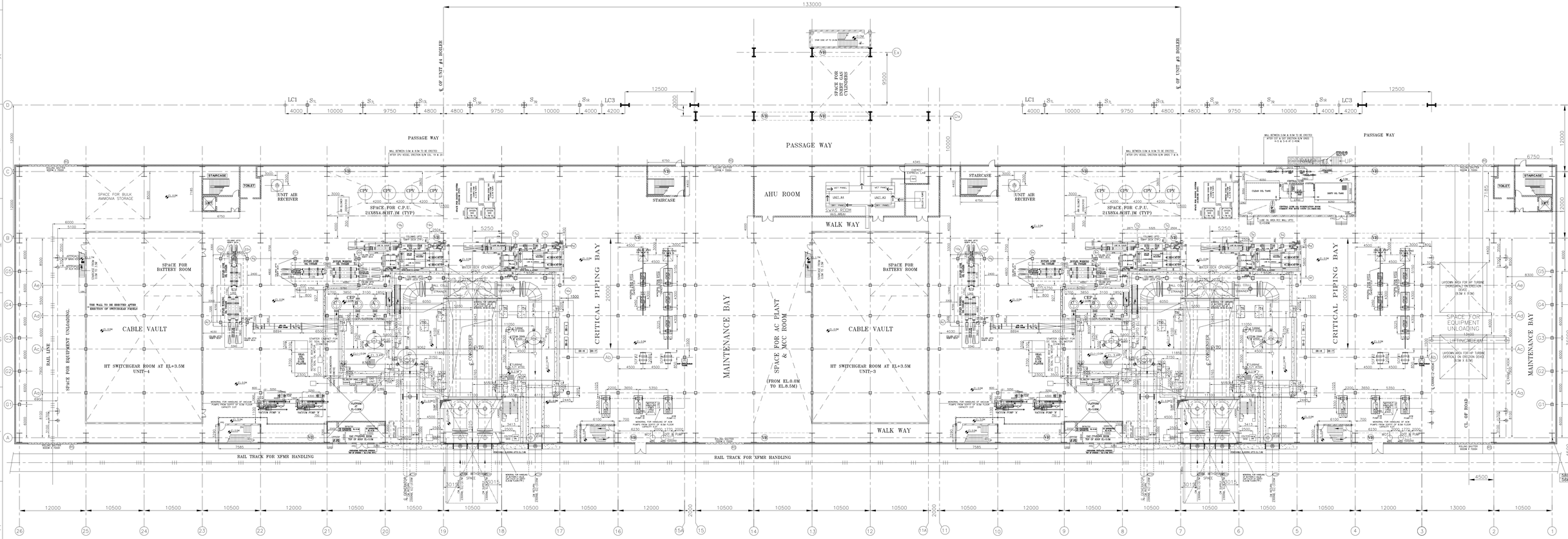
User Stff No. 6045499
Jun 25, 2013 - 5:39pm
ELECTRONIC FILE NAME: 387_100_M007_R2.dwg

COPYRIGHT AND CONFIDENTIAL
The information on this document is property of BHARAT HEAVY ELECTRICALS LIMITED
It must not be used directly or indirectly in any way detrimental to the interest of the company.

ELECTRONIC FILE NAME: 387_100_M003_R3.dwg
User: Staff No. 6045499
Jul 19, 2013 - 2:51pm



TG BUILDING KEY PLAN



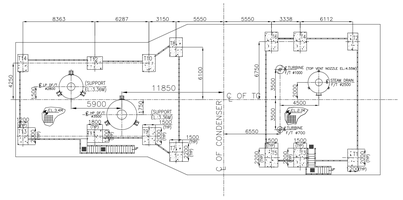
PLAN AT EL 0.0M

REFERENCE DRAWING:

1.	EQUIPMENT PLAN AT 8.50M	PE-DG-387-100-M004 (PEM)
2.	EQUIPMENT PLAN AT 17.0M	PE-DG-387-100-M005 (PEM)
3.	EQUIPMENT PLAN AT 24.0M, 32.8M & 38.0M	PE-DG-387-100-M006 (PEM)
4.	CROSS SECTION – TG HALL	PE-DG-387-100-M007 (PEM)
5.	CONDENSER ASSEMBLY (GENERAL ARRANGEMENT)	016010700S9C198 (HWR)
6.	GENERATOR OUTLINE	013900I1423 (HWR)
7.	FOUNDATION PLAN	0-13100-U5152 (SIEMENS/HWR)
8.	FOUNDATION DETAILS OF GEN. AUX. EQUIPMENT	0-150-00-01619 (HWR)
9.	GENERAL ARRANGEMENT OF DRAIN COOLER	2-162-01-00348 (HYD)
10.	GENERAL ARRANGEMENT OF VACCUM PUMP	---------- (HWR)
11.	GA OF CEP WITH FOUNDATION DATA	HY-DG-1-180-00-57203 (HYD)
12.	GENERAL ARRANGEMENT OF ACW PUMPS	PE-V6-387-100-N002 (PEM)
13.	GENERAL ARRANGEMENT OF DMCW PUMPS(TG)	PE-V6-387-100-N002 (PEM)
14.	GENERAL ARRANGEMENT OF DMCW PUMPS(SG)	PE-V6-385-100-N002 (PEM)
15.	WORKING OIL HEAT EXCHANGER	---------- (HYD)
16.	LUBE OIL HEAT EXCHANGER	---------- (HYD)
17.	LAYOUT FOR SELF CLEANING STRAINER	---------- (PEM)
18.	ARRGT. & ASSY. OF OIL UNLOADING VESSEL	BP-DG-387-167-003 (BPL)
19.	GENERAL ARRGT. OF CLEAN OIL TANK	BP-DG-387-167-001 (BPL)
20.	GENERAL ARRGT. OF DIRTY OIL TANK	BP-DG-387-167-002 (BPL)
21.	FOUNDATION DETAILS OF HPSU (LPBP VALVES)	3-13100-U5106 (HWR)
22.	BALL RECIRCULATION SKID	---------- (PEM)
23.	ARRGT. OF STEAM DRAIN FLASH TANK	BP-DG-387-147-0003 (BPL)
24.	ARRGT. OF UNIT FLASH TANK	BP-DG-387-147-0004 (BPL)
25.	ARRGT. OF LP DRAIN FLASH TANK	BP-DG-387-147-0002 (BPL)
26.	ARRGT. OF HP DRAIN FLASH TANK	BP-DG-387-147-0001 (BPL)
27.	GA OF CENTRAL LUBE OIL PURIFICATION UNIT	---------- (HWR)
28.	PLOT PLAN (TDBFP–LUBE OIL EQUIPMENT LAYOUT)	HY-TC-MPA1032-0113 (HYD)
29.	GLAND STEAM CONDENSER	016205700140198 (HWR)
30.	UNIT AIR RECIEVER	---------- (PEM)
31.	CPU SKID	---------- (PEM)
32.	GA OF HYDRAZINE DOSING SYSTEM	---------- (PEM)
33.	GA OF AMMONIA DOSING SYSTEM	---------- (PEM)
34.	TURBINE JB AND LIST & LAYOUT	---------- (HWR)
35.	SWAS ROOM LAYOUT	9575-495-POI-F-001 (NTPC)

LEGENDS:

	PIPE HATCH
	VERTICAL BRACING
FPD	FIRE PROOF DOOR
	GRATING
	CHEQUERED PLATE
R	REMOVABLE
	HAND RAILING
	PIPE & CABLE TRESTLE
	RCC
	BRICK WALL
RS	ROLLING SHUTTER
VB	VERTICAL BRACING



T.G. STRUCTURE PLATFORMS

NOTES

1. ALL DIMENSIONS ARE IN MM'S AND LEVELS ARE IN METRES.
2. ALL ELEVATIONS INDICATED IN THE DRG. ARE W.R.T. POWER HOUSE GROUND FLOOR ELEVATION AS 0.00M. EL 0.00M CORRESPONDS TO RL (+)271.5M.
3. EQUIPMENTS & FACILITIES SHOWN FOR PACKAGES OTHER THAN TG PACKAGE ARE SUGGESTIVE ONLY HOWEVER IT IS PREFERRED THAT SIMILAR DETAILS BE ENSURED FROM RESPECTIVE PACKAGE VENDORS.

REV.	DATE	ALTD	CHD	APPD
3.	18/07/13	SD	SK	AJ
1.	DRAWING REVISED IN LINE WITH NTPC COMMENTS.			
2.	VACUUM PUMP SHIFTED TO CLEAR THE PLATFORM AT EL+5.00M.			
3.	MDBFP DECK LOCATION SHIFTED BASED ON NTPC SUBSTRUCTURE DRAWING.			
4.	TDBFP AREA REVISED BASED ON BHEL-HYD REVISED DRAWING.			

REV.	DATE	ALTD	CHD	APPD
2.	20/11/12	SD	SK	AJ
1.	DRAWING REVISED IN LINE WITH NTPC COMMENTS.			
2.	LOCATION OF DRAIN COOLER REVISED BASED ON RECEIVED GA DRG FROM HYD.			

REV.	DATE	ALTD	CHD	APPD
1.	04/06/12	SD	SK	SM
1.	DRAWING REVISED IN LINE WITH NTPC COMMENTS.			

JOB NO. 387
STATUS CONTRACT
DISTRIBUTION
TO
No. OF

NTPC DRAWING No. 9575-110-PE-PVM-F-1910

NATIONAL THERMAL POWER CORPORATION LTD.
MOUDA SUPER THERMAL POWER PROJECT
STAGE-II (2 x 660MW)

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

DEPT CODE		NAME	SIGN	DATE
M	DRN	S DUGGAL		10/05/12
	DESN	S DUGGAL		10/05/12
	CHD	S KUMAR		10/05/12
	APPD	S MALAVIYA		10/05/12

TITLE
T.G. EQUIPMENT LAYOUT PLAN AT 0.0M

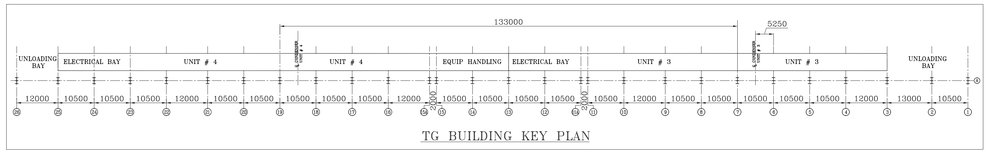
DEPT. SCALE: 1:250 DRAWING NO.
SIGN PE-DG-387-100-M003
DATE SHEET 1 OF 1 REV. 03

FORMAT SIZE A0

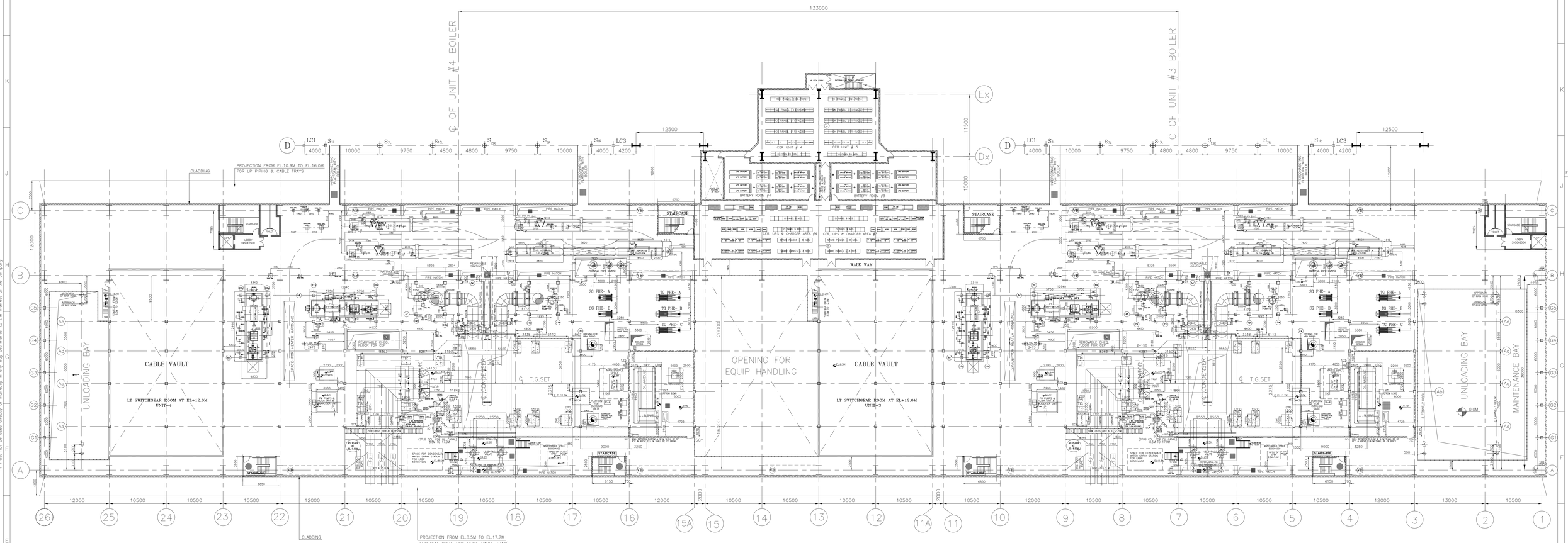
COPYRIGHT AND CONFIDENTIAL
The information on this document is property of BHARAT HEAVY ELECTRICALS LIMITED
It must not be used directly or indirectly in any way detrimental to the interest of the company.

DRAWING NO. PE-DG-387-100-M004
FIRST ANGLE PROJECTION
ALL DIMENSIONS ARE IN MM

NORTH



TG BUILDING KEY PLAN



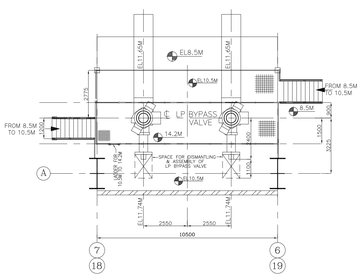
PLAN AT EL. 8.5 M

REFERENCE DRAWINGS:

1.	EQUIPMENT PLAN AT 0.0M	9575-110-PE-PVM-F-1910 (PEM)
2.	EQUIPMENT PLAN AT 17.0M	9575-110-PE-PVM-F-1912 (PEM)
3.	EQUIPMENT PLAN AT 24.0M, 32.8M & 38.0M	9575-110-PE-PVM-F-1913 (PEM)
4.	CROSS SECTION – TG HALL	9575-110-PE-PVM-B-1870 (PEM)
5.	CONDENSER ASSEMBLY (GENERAL ARRANGEMENT)	9575-110-HW-PVM-B-0373 (HWR)
6.	GENERATOR OUTLINE	9575-110-HW-PVE-B-0136 (HWR)
7.	OIL ROOM ARRAGEMENT	9575-110-HW-PVM-B-0378 (HWR)
8.	FOUNDATION DETAILS OF GEN. AUXILIARY EQUIPMENTS	9575-110-HW-PVC-C-0101 (HWR)
9.	LP BYPASS VALVE ARRANGEMENT	9575-110-HW-PVM-B-0387/88 (HWR)
10.	GENERAL ARRANGEMENT OF LP HEATER No.1	9575-110-HW-PVM-B-0376 (HWR)
11.	GENERAL ARRANGEMENT OF LP HEATER No.2	9575-110-HY-03-PVM-B-1157 (HYD)
12.	GENERAL ARRANGEMENT OF LP HEATER No.3	9575-110-HY-03-PVM-B-1158 (HYD)
13.	GENERAL ARRANGEMENT OF LP HEATER No.4	9575-110-HY-03-PVM-B-1159 (HYD)
14.	GENERAL ARRANGEMENT OF HP HEATER No. 6A	9575-110-HY-03-PVM-B-1161 (HYD)
15.	GENERAL ARRANGEMENT OF HP HEATER No. 6B	9575-110-HY-03-PVM-B-1162 (HYD)
16.	GENERAL ARRANGEMENT OF MD BFP SET	9575-110-HY-01-PVM-B-0951 (HYD)
17.	TURBINE JB AND LIST & LAYOUT	--------- (HWR)
18.	GA FOR PHE (TG AUX.)	--------- (PEM)
19.	GA FOR PHE (SG AUX.)	--------- (PEM)
20.	PLOT PLAN (TDBFP-LUBE OIL EQUIPMENT LAYOUT)	9575-110-HY-002-PVM-F-1314 (HYD)
21.	FOUNDATION DETAILS OF HPSU FOR ESV, IV & OLV	9575-110-HW-PVC-C-0114 (HWR)
22.	OIL CANAL DETAILS	9575-110-HW-PVM-B-0379 (HWR)
23.	HPSU FOR LP BYPASS VALVES	9575-110-HW-PVC-C-0115 (HWR)
24.	COMPOSITE PIPING LAYOUT BELOW 8.50M FLOOR	9575-110-PE-PVM-P-2051 (HWR)
25.	COMPOSITE PIPING LAYOUT BELOW 17.0M FLOOR	9575-110-PE-PVM-P-2052 (HWR)

NOTES:

1. ALL DIMENSIONS ARE IN MM'S AND LEVELS ARE IN METRES.
2. ALL ELEVATIONS INDICATED IN THE DRG. ARE W.R.T. POWER HOUSE GROUND FLOOR ELEVATION AS 0.00M. EL 0.00M CORRESPONDS TO RL (+)271.5M
3. EQUIPMENTS & FACILITIES SHOWN FOR PACKAGES OTHER THAN TG PACKAGE ARE SUGGESTIVE ONLY HOWEVER IT IS PREFERRED THAT SIMILAR DETAILS BE ENSURED FORM RESPECTIVE PACKAGE VENDORS.



DETAIL – S
FLOOR DETAILS OF LPBP VALVE
SCALE 1:125

LEGEND:

- CHEQUERED PLATE FLOORING
- REMOVABLE CHEQUERED PLATE
- GRATED FLOORING
- REMOVABLE GRATING
- CONCRETE BLOCK
- HAND RAILING
- PARAPET WALL
- FLOOR CUTOUTS
- BRICK WALL
- VB — VERTICAL BRACING
- SC* — STUB COLUMN FROM 8.5M FLOOR

JOB NO.	387
STATUS	CONTRACT
DISTRIBUTION	
TO	
No. OF	

REV.	DATE	ALTD	CHD	APPD
3.	30/07/13	SD	SK	
1.	DRAWING REVISED IN LINE WITH NTPC COMMENTS.			
2.	HP HEATERS 6A & 6B GA DRAWING UPDATED.			
3.	HPSU FOR LPBP VALVE SHIFTED FROM 0.0M TO 8.50M.			
4.	CENTER LINE OF GENERATOR FROM C.L. OF TG CHANGED FROM 11867 TO 11866.			

REV.	DATE	ALTD	CHD	APPD
2.	15/03/13	SD	SK	
1.	DRAWING REVISED IN LINE WITH NTPC COMMENTS.			
2.	OPENING DETAILS INCORPORATED IN THE DRAWING.			

REV.	DATE	ALTD	CHD	APPD
1.	04/06/12	SD	SK	SM
1.	DRAWING REVISED IN LINE WITH NTPC COMMENTS.			

NTPC DRAWING No. 9575-110-PE-PVM-F-1911

NTPC LTD.
MOUDA SUPER THERMAL POWER PROJECT
STAGE-II (2 x 660MW)

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

DEPT CODE		NAME	SIGN	DATE
M	DRN	S DUGGAL		11/05/12
	DESN	S DUGGAL		11/05/12
	CHD	S KUMAR		11/05/12
	APPD	S MALAVIYA		11/05/12

TITLE
T.G. EQUIPMENT LAYOUT PLAN AT 8.5M

DEPT.	SCALE: 1:250	DRAWING NO.
SIGN		PE-DG-387-100-M004
DATE		SHEET 1 OF 1 REV. 03

FORMAT SIZE A0

ELECTRONIC FILE NAME: 387_100_M004_R3.dwg
User Staff No. 6045493
Aug 22, 2013 – 5:37pm

COPYRIGHT AND CONFIDENTIAL
The information on this document is property of BHARAT HEAVY ELECTRICALS LIMITED
It must not be used directly or indirectly in any way detrimental to the interest of the company.

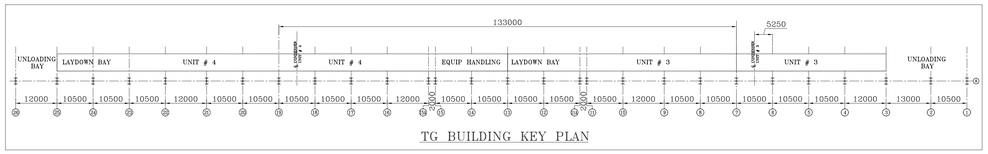
DRAWING NO. PE-DG-387-100-M005

ELECTRONIC FILE NAME: 387_100_M005_R2.dwg
User: Staff No. 6045499
Jul 20, 2013 – 5:15pm

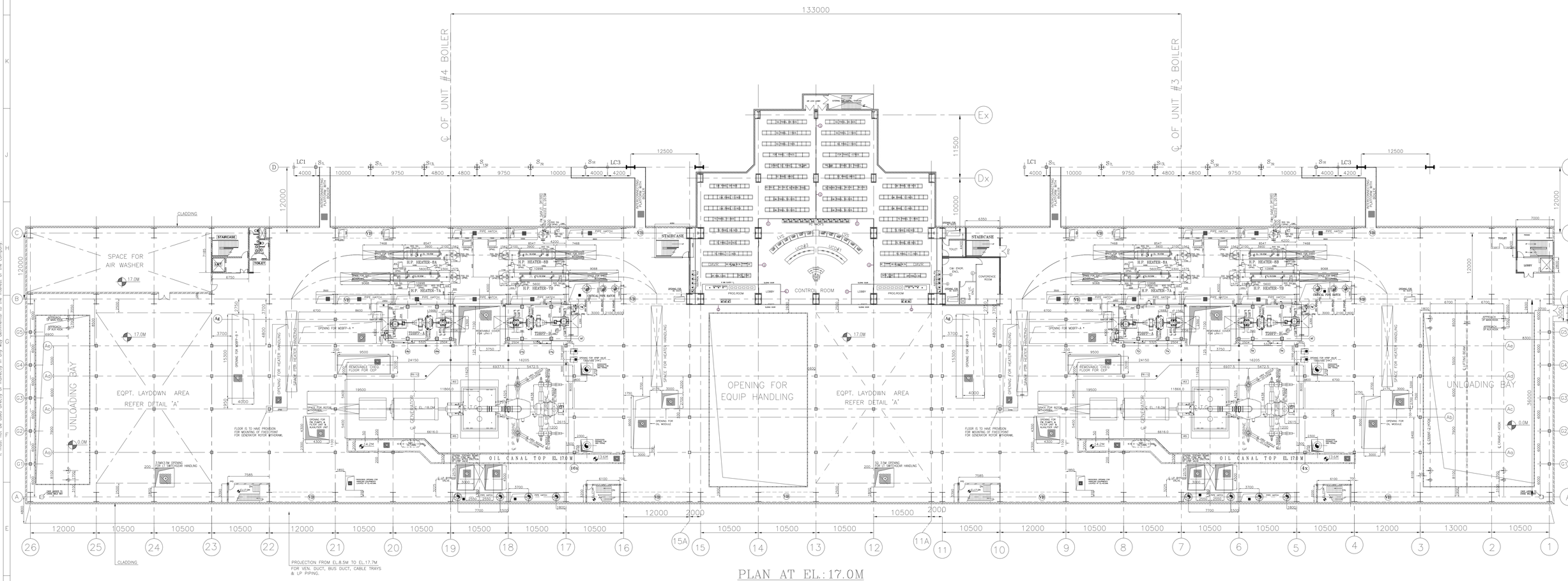
FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN MM

NORTH



TG BUILDING KEY PLAN



PLAN AT EL.: 17.0M

LEGEND:

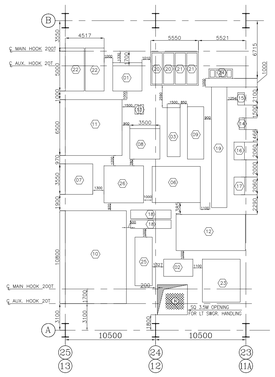
- CHEQUERED PLATE FLOORING
- REMOVABLE CHEQUERED PLATE
- GRATED FLOORING
- REMOVABLE GRATING
- HAND RAILING
- PARAPET WALL
- FLOOR CUTOUTS
- BRICK WALL
- (VB) VERTICAL BRACING

LOADING OF H.P. HEATERS

HPH-7 A-(FIXED)	FLOODED WEIGHT	= — T	HOLD
	OPERATING WEIGHT	= 39.9 T	
	EMPTY WEIGHT	= 34.87 T	
HPH-7 B-(ROLLER)	FLOODED WEIGHT	= — T	
	OPERATING WEIGHT	= — T	
	EMPTY WEIGHT	= — T	
HPH-8 A-(FIXED)	FLOODED WEIGHT	= 47.08 T	
	OPERATING WEIGHT	= 42.1 T	
	EMPTY WEIGHT	= 36.53 T	
HPH-8 B-(ROLLER)	FLOODED WEIGHT	= 39.879 T	HOLD
	OPERATING WEIGHT	= 34.473 T	
	EMPTY WEIGHT	= 31.389 T	
HPH-8 C-(ROLLER)	FLOODED WEIGHT	= — T	
	OPERATING WEIGHT	= — T	
	EMPTY WEIGHT	= — T	
HPH-8 C-(ROLLER)	FLOODED WEIGHT	= 41.458 T	
	OPERATING WEIGHT	= 36.559 T	
	EMPTY WEIGHT	= 33.339 T	

DETAIL OF LAY-DOWN SPACE FOR TG COMPONENTS

S.No.	DESCRIPTION	WT.IN Kg	AREA IN M × M
(1)	HP OUTER CASING (EXHAUST PART)	25000	3.4 × 3.3
(2)	HP INNER CASING UPPER HALF	17000	3.4 × 2.0
(3)	HP SHAFT	20000	5.5 × 1.3
(4)	HP STAND PLATE (LOCATED AT 0.0M FLOOR)	122500	8.0 × 8.5
(5)	HP ASSEMBLY FIXTURE (LOCATED AT 0.0M FLOOR)	135000	9.0 × 8.5
(6)	IPT OUTER CASING UPPER HALF	35000	5.8 × 4.2
(7)	IPT INNER CASING UPPER HALF	30000	3.55 × 3.2
(8)	IPT INNER CASING LOWER HALF	25000	3.55 × 3.5
(9)	IP SHAFT	32000	5.9 × 1.7
(10)	LP OUTER CASING UPPER HALF	46000	10.8 × 7.1
(11)	LP INNER CASING II UPPER HALF	58000	6.6 × 6.5
(12)	LP SHAFT	120000	8.05 × 4.2
(13)	LP SHAFT SEAL CASING (TE & GE)	500 × 2	0.405 × 1.72
(14)	PEDESTAL COVER-HP(BEARING CASING HP FRONT)	600	1.344 × 0.82
(15)	PEDESTAL COVER HP-IP(BEARING CASING HP REAR)	1000	1.45 × 0.79
(16)	PEDESTAL COVER IP-LP(BEARING CASING IP REAR)	2350	2.06 × 1.215
(17)	PEDESTAL COVER LP-(BEARING CASING LP REAR)	2500	2.06 × 1.235
(18)	COUPLING AND GUARD ASSEMBLY OF STAGE 2-3	7000 × 2	4.7 × 1.0
(19)	COUPLING AND GUARD ASSEMBLY OF STAGE 3-GENERATOR	8000 × 2	4.7 × 1.0
(20)	GENERATOR ROTOR WITH BASE FRAME	80000	14.22 × 1.79
(21)	END SHIELD UPPER & LOWER HALF (EE)	8000 × 2	1.2 × 3.6
(22)	END SHIELD UPPER & LOWER HALF (TE)	8000 × 2	1.2 × 3.6
(23)	HYDROGEN COOLER (2 NOS. TWIN TYPE)	10000 × 2	5.0 × 2.0 (2.5 × 2.0 EA)
(24)	HYDROGEN COOLERS HOLDING	19000	5.0 × 4.4
(25)	BEARING SHELLS (TG&ES-UPPER & LOWER HALF)	500 × 4	0.5 × 0.8
(26)	EXCITER	25000	5.65 × 2.01
(27)	EXCITER HOUSING	3500	4.3 × 4.6



EQUIPMENT LAYDOWN DETAIL
DETAIL 'A'
(TYP. FOR BOTH UNITS)

NOTES:

1. ALL DIMENSIONS ARE IN MM'S AND LEVELS ARE IN METRES.
2. ALL ELEVATIONS INDICATED IN THE DRG. ARE W.R.T. POWER HOUSE GROUND FLOOR ELEVATION AS 0.00M. EL 0.00M CORRESPONDS TO RL (+)271.5M
3. EQUIPMENTS & FACILITIES SHOWN FOR PACKAGES OTHER THAN TG PACKAGE ARE SUGGESTIVE ONLY HOWEVER IT IS PREFERRED THAT SIMILAR DETAILS BE ENSURED FORM RESPECTIVE PACKAGE VENDORS.

REFERENCE DRAWING:

1. EQUIPMENT PLAN AT 0.0M	9575-110-PE-PVM-F-1910 (PEM)
2. EQUIPMENT PLAN AT 8.5M	9575-110-PE-PVM-F-1911 (PEM)
3. EQUIPMENT PLAN AT 24.0M,32.8M & 38.0M	9575-110-PE-PVM-F-1913 (PEM)
4. CROSS SECTION OF MAIN PLANT	9575-110-PE-PVM-B-1870 (PEM)
5. GENERAL ARRANGEMENT OF HP HEATER No. 7A	9575-110-HY-03-PVM-B-1163 (HYD)
6. GENERAL ARRANGEMENT OF HP HEATER No. 7B	9575-110-HY-03-PVM-B-1164 (HYD)
7. GENERAL ARRANGEMENT OF HP HEATER No. 8A	9575-110-HY-03-PVM-B-1165 (HYD)
8. GENERAL ARRANGEMENT OF HP HEATER No. 8B	9575-110-HY-03-PVM-B-1166 (HYD)
9. FOUNDATION PLAN	9575-110-HW-PVC-C-0104 (HWR/SIEMENS)
10. GENERAL ARRANGEMENT OF TDBFP SET	9575-110-HY-01-PVM-B-0950 (HYD)
11. OIL CANAL DETAIL	9575-110-HW-PVM-B-0379 (HWR)
12. LAYDOWN SPACE FOR GENERATOR COMPONENTS	9575-110-HW-PVM-F-0407 (HWR)
13. LAYDOWN SPACE FOR STEAM TURBINE COMPONENTS	9575-110-HW-PVM-F-0406 (HWR)
14. OIL ROOM ARRANGEMENT	9575-110-HW-PVM-B-0378 (HWR)
15. LP BYPASS ARRANGEMENT	9575-110-HW-PVM-B-0387/88 (HWR)
16. GA OF F.W. SAFETY VALVE DISCHARGE F/T	9575-110-BPL-PVM-B-0045 (BPL)
17. LOCATION OF CUSTOMER CONNECTIONS	9575-110-HW-PVC-B-0394 (HWR)

REV.	DATE	ALTD	CHD	APPD
2.	19/07/13	SD	SK	SK
1.	04/06/12	SD	SK	SM

1. DRAWING REVISED IN LINE WITH NTPC COMMENTS.
2. DISTANCE OF C.L. OF GENERATOR FROM C.L. OF COND. REVISED FROM 11866.8MM TO TO 11866.0MM.
3. OPENINGS IN FLOOR & AROUND TDBFP DECK HAVE BEEN INCLUDED.
4. HP HEATERS GA DRAWING UPDATED.

1. DRAWING REVISED IN LINE WITH NTPC COMMENTS.

JOB NO.	387
STATUS	CONTRACT
DISTRIBUTION	
TO	
No. OF	

NTPC DRAWING No. 9575-110-PE-PVM-F-1912

NTPC LTD.
MOUDA SUPER THERMAL POWER PROJECT
STAGE-II (2 x 660MW)

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

DEPT CODE		NAME	SIGN	DATE
M	DRN	S DUGGAL		11/05/12
	DESN	S DUGGAL		11/05/12
	CHD	S KUMAR		11/05/12
	APPD	S MALAVIYA		11/05/12

TITLE: T.G. EQUIPMENT LAYOUT PLAN AT 17.0M

DEPT.	SCALE: 1:250	DRAWING NO. PE-DG-387-100-M005
SIGN		
DATE		SHEET 1 OF 1 REV. 02

FORMAT SIZE A0

COPYRIGHT AND CONFIDENTIAL
The information on this document is property of BHARAT HEAVY ELECTRICALS LIMITED
It must not be used directly or indirectly in any way detrimental to the interest of the company.

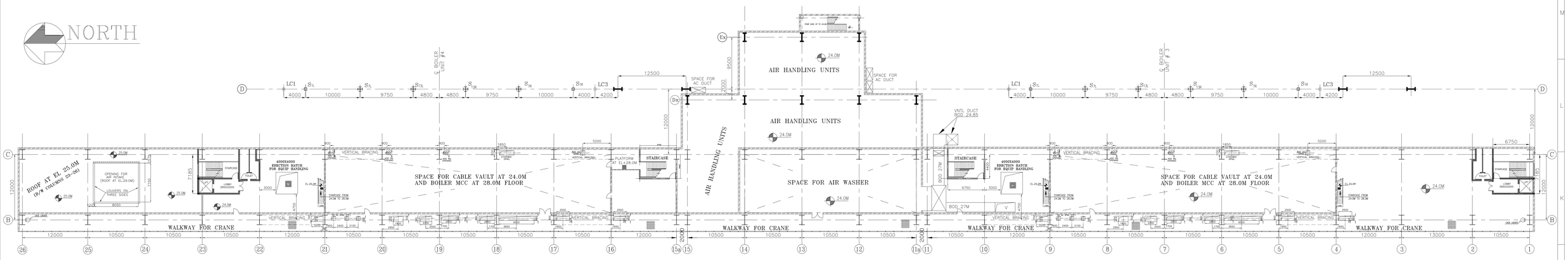
User: Staff No. 6045499
Aug 01, 2013 - 2:57pm
ELECTRONIC FILE NAME: 387_100_M006_R2.dwg

DRAWING NO. PE-DG-387-100-M006

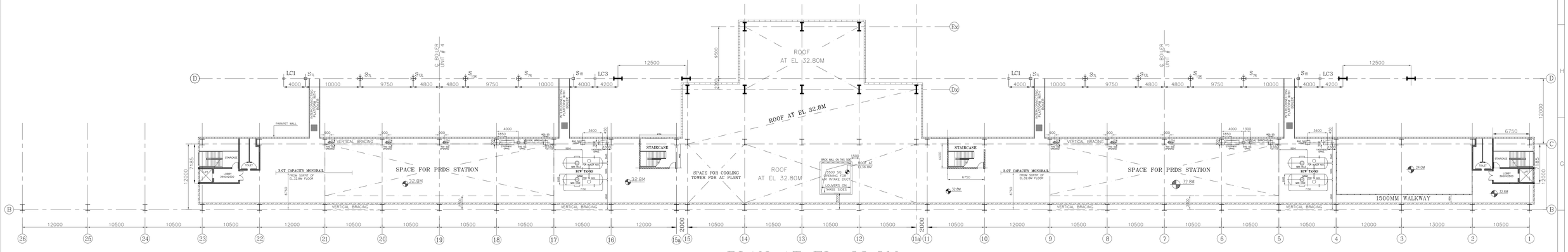
FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN MM

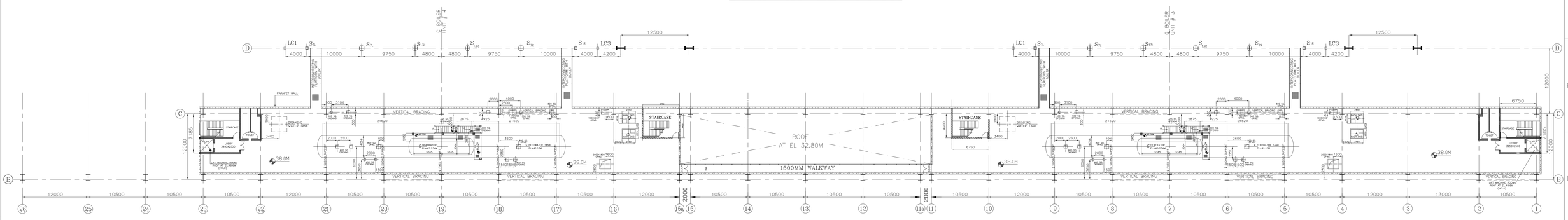
NORTH



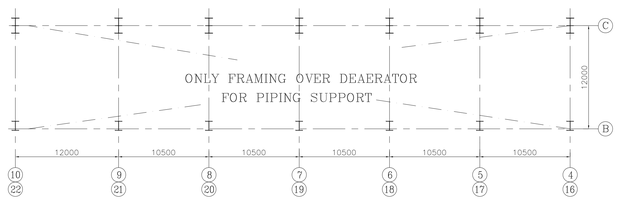
PLAN AT EL. 24.0M



PLAN AT EL. 32.8M



PLAN AT EL. 38.0M



PLAN AT EL. 50.0M

LEGEND:

- CHEQUERED PLATE FLOORING
- REMOVABLE CHEQUERED PLATE
- GRATED FLOORING
- REMOVABLE GRATING
- CONCRETE BLOCK
- HAND RAILING
- PARAPET WALL
- FLOOR CUTOUTS
- BRICK WALL
- VERTICAL BRACING

REFERENCE DRAWINGS:

1. EQUIPMENT PLAN AT 0.0M	9575-110-PE-PVM-F-1910 (PEM)
2. EQUIPMENT PLAN AT 8.5M	9575-110-PE-PVM-F-1911 (PEM)
3. EQUIPMENT PLAN AT 17.0M	9575-110-PE-PVM-F-1912 (PEM)
4. CROSS-SECTION TG HALL	9575-110-PE-PVM-B-1870 (PEM)
5. GA OF DEAERATOR	9575-110-HY-03-PVM-B-1160 (HYD)
6. DEAERATOR PLATFORM ASSEMBLY	---------- (HYD)
7. GA OF ECW O/H TANK (TG)	9575-110-BPL-PVM-B-0049 (BPL)
8. GA OF ECW O/H TANK (SG)	---------- (PC)
9. GA OF NAOH DOSING TANK	---------- (PEM)

NOTES:

1. ALL DIMENSIONS ARE IN MM'S AND LEVELS ARE IN METRES.
2. ALL ELEVATIONS INDICATED IN THE DRG. ARE W.R.T. POWER HOUSE GROUND FLOOR ELEVATION AS 0.00M. EL 0.00M CORRESPONDS TO RL (+)271.5M
3. EQUIPMENTS & FACILITIES SHOWN FOR PACKAGES OTHER THAN TG PACKAGE ARE SUGGESTIVE ONLY HOWEVER IT IS PREFERRED THAT SIMILAR DETAILS BE ENSURED FORM RESPECTIVE PACKAGE VENDORS.

REV.	DATE	ALTD	CHD	APPD
2.	31/07/13	SD	SK	SK
1.	DRAWING REVISED IN LINE WITH NTPC COMMENTS.			
2.	DEAERATOR LENGTH REVISED BASED ON BHEL-HYD REVISED GA DRAWING.			

REV.	DATE	ALTD	CHD	APPD
1.	04/06/12	SD	SK	SM
1.	DRAWING REVISED IN LINE WITH NTPC COMMENTS.			

JOB NO. 387
STATUS CONTRACT
DISTRIBUTION
TG
No. OF

NTPC DRAWING No. 9575-110-PE-PVM-F-1913

NTPC LTD.
MOUDA SUPER THERMAL POWER PROJECT
STAGE-II (2 x 660MW)

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

DEPT CODE	NAME	SIGN	DATE
DRN	S DUGGAL		14/05/12
DESN	S DUGGAL		14/05/12
CHD	S KUMAR		14/05/12
APPD	S MALAVIYA		14/05/12

TITLE
T.G. EQUIPMENT LAYOUT PLAN AT 24.0M, 32.8M & 38.0M

DEPT. SCALE: 1:250 DRAWING NO.
SIGN PE-DG-387-100-M006
DATE SHEET 1 OF 1 REV. 02

FORMAT SIZE A0