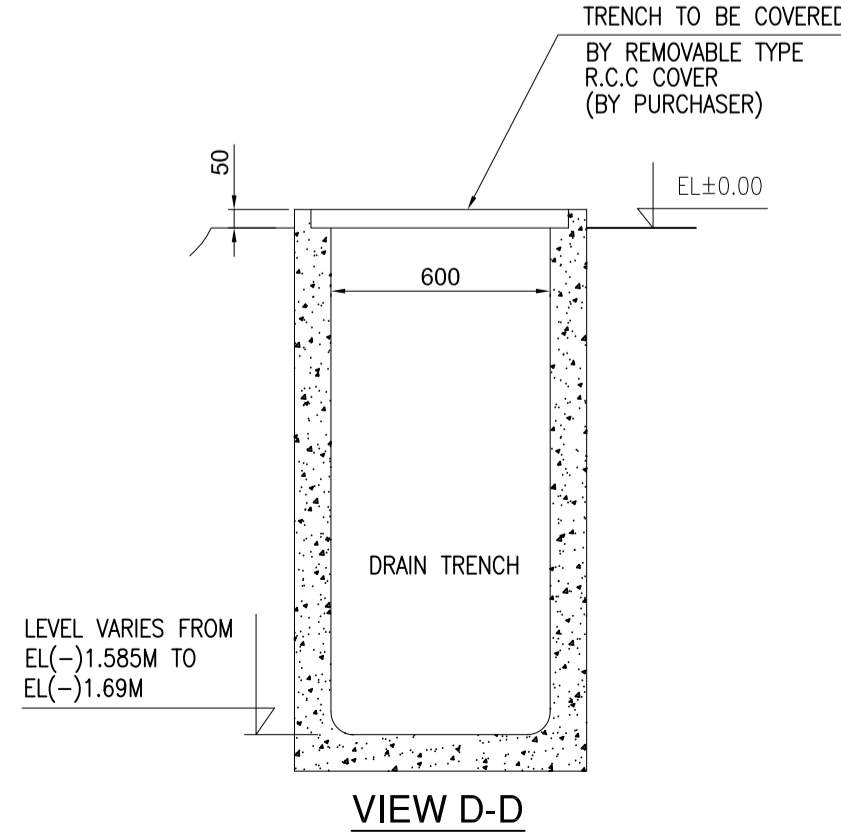
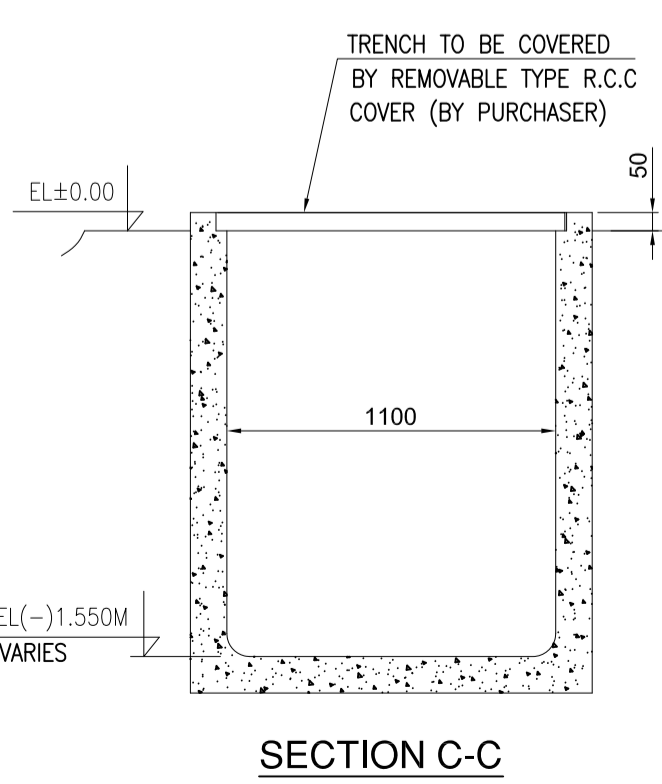
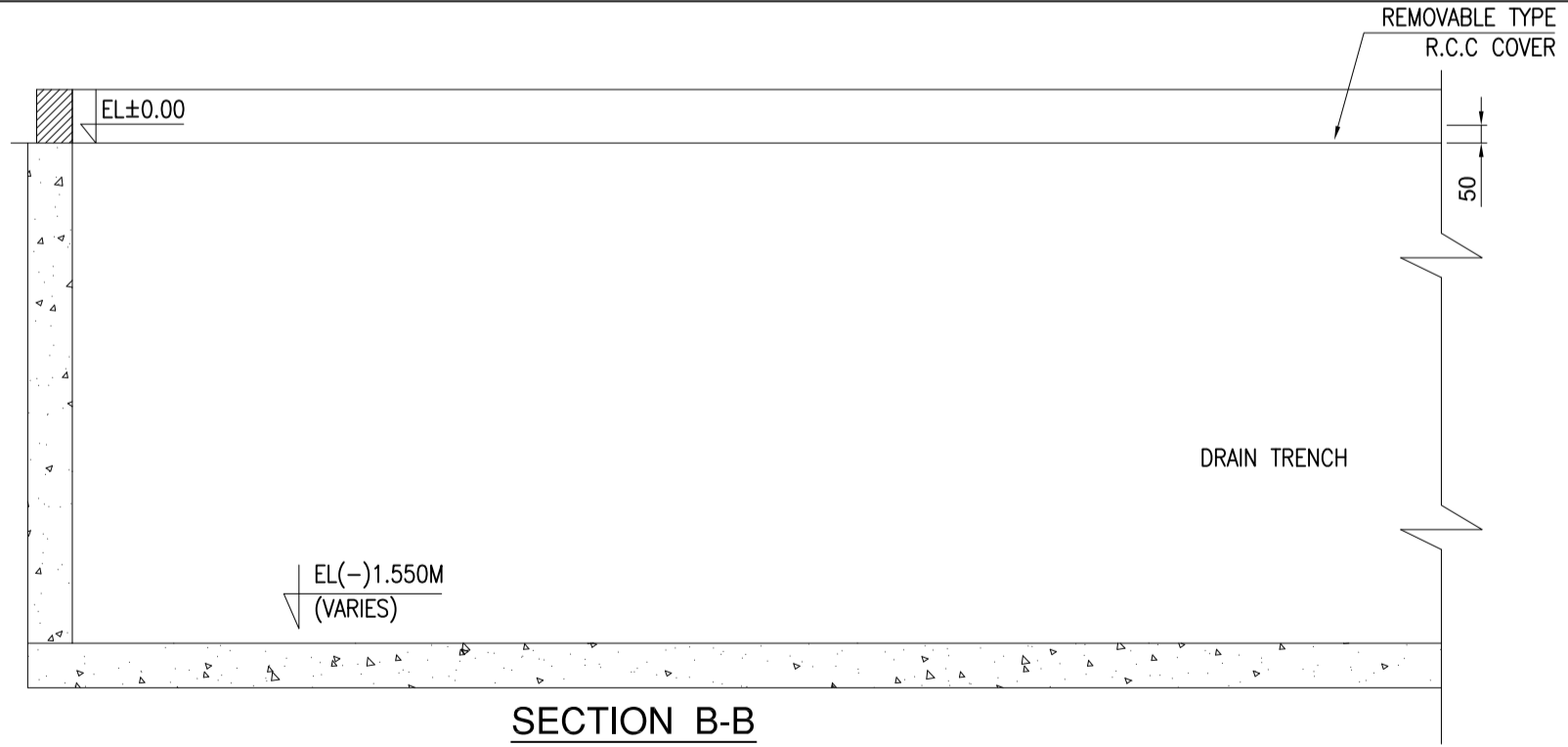


**** Bidder to note:**

- Pit and trench drawings have been released to NTPC for construction at site.
- Supply and fixation of IP/EPs with anchor fasteners shall be in bidder scope to match supplied equipment.
- Bidder to ensure that oversize and bypass chutes are above ground level and incase any platform is required to unload the oversize/bypass material, the same shall be supplied and erected by bidder.



NTPC Drg. Num: 9575-102-PE-PVE-C-1270

JOB NO.	387			
STATUS	CONTRACT			
DISTRIBUTION				
TO	MPL	CM	MSE	
No. OFF	1	1	1	
REV	DATE	ALTD	CHD	APPD

NTPC		2X660 MW MOUDA STPP STAGE-II			
BHARAT HEAVY ELECTRICALS LTD		DIPT	NAME	SIGN	DATE
POWER GROUP		DRN	NP		
PROJECTS ENGINEERING MANAGEMENT		DESIGN	RN		
NEW DELHI		CHD	GB		
		APPD	PK		

TITLE TRENCH & PIT DETAILS FOR MILL REJECT SYSTEM

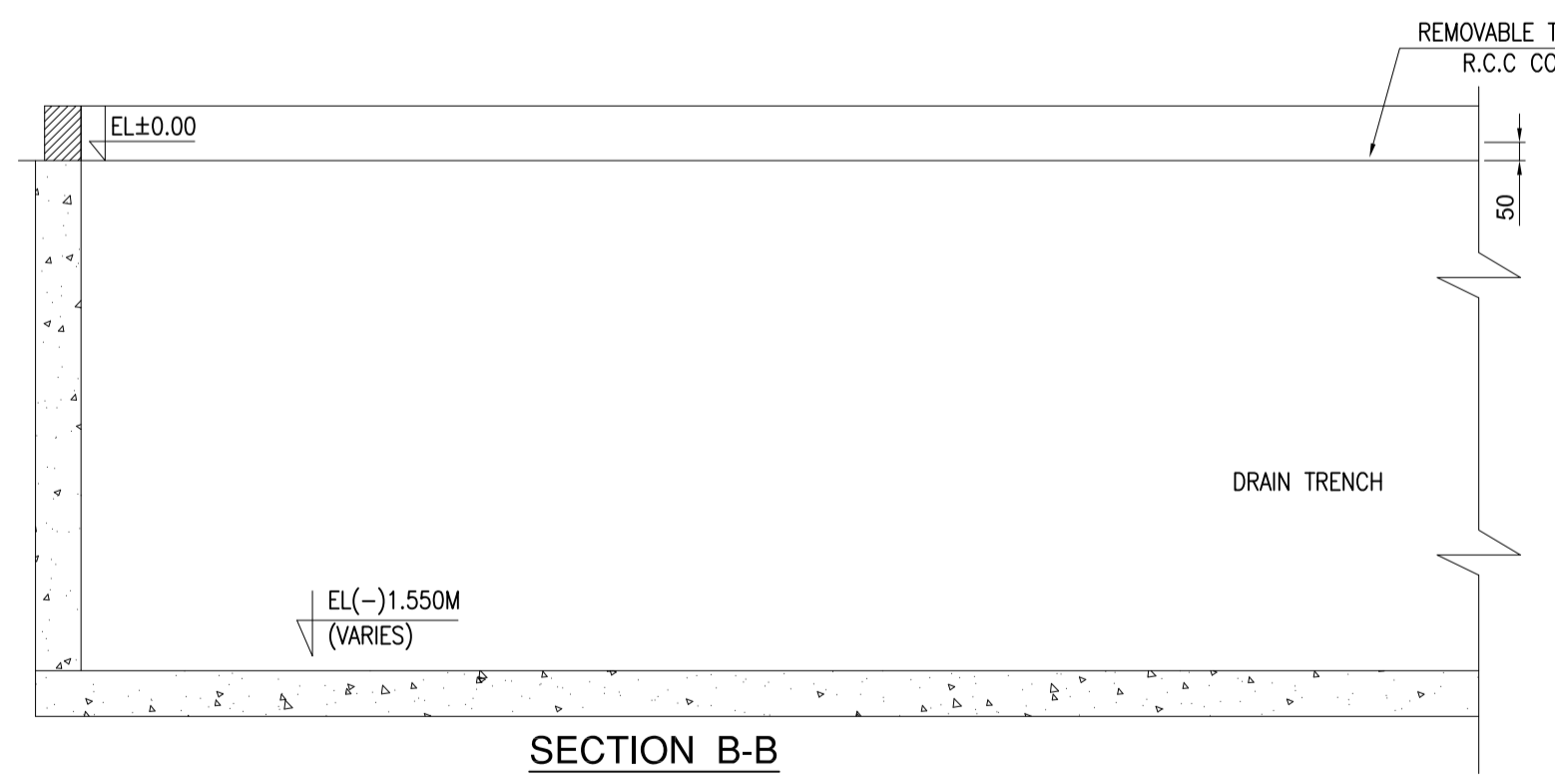
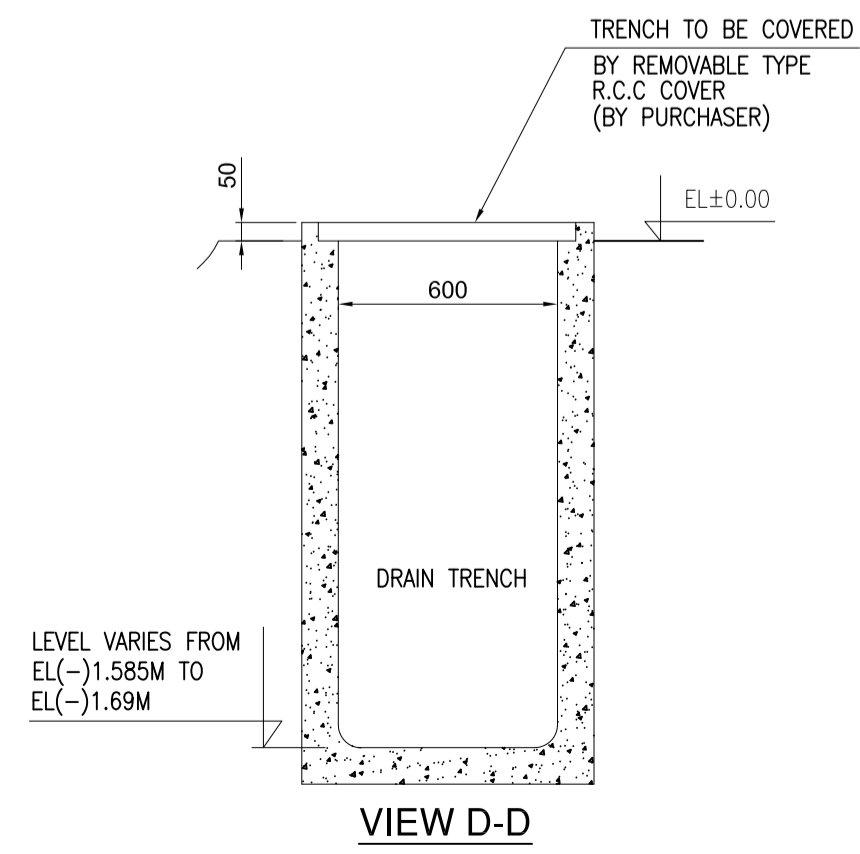
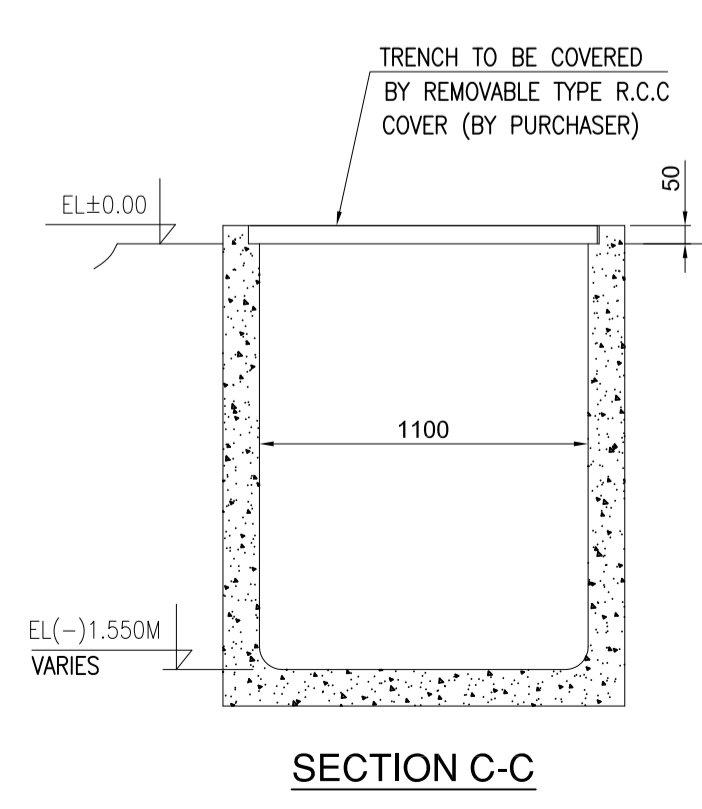
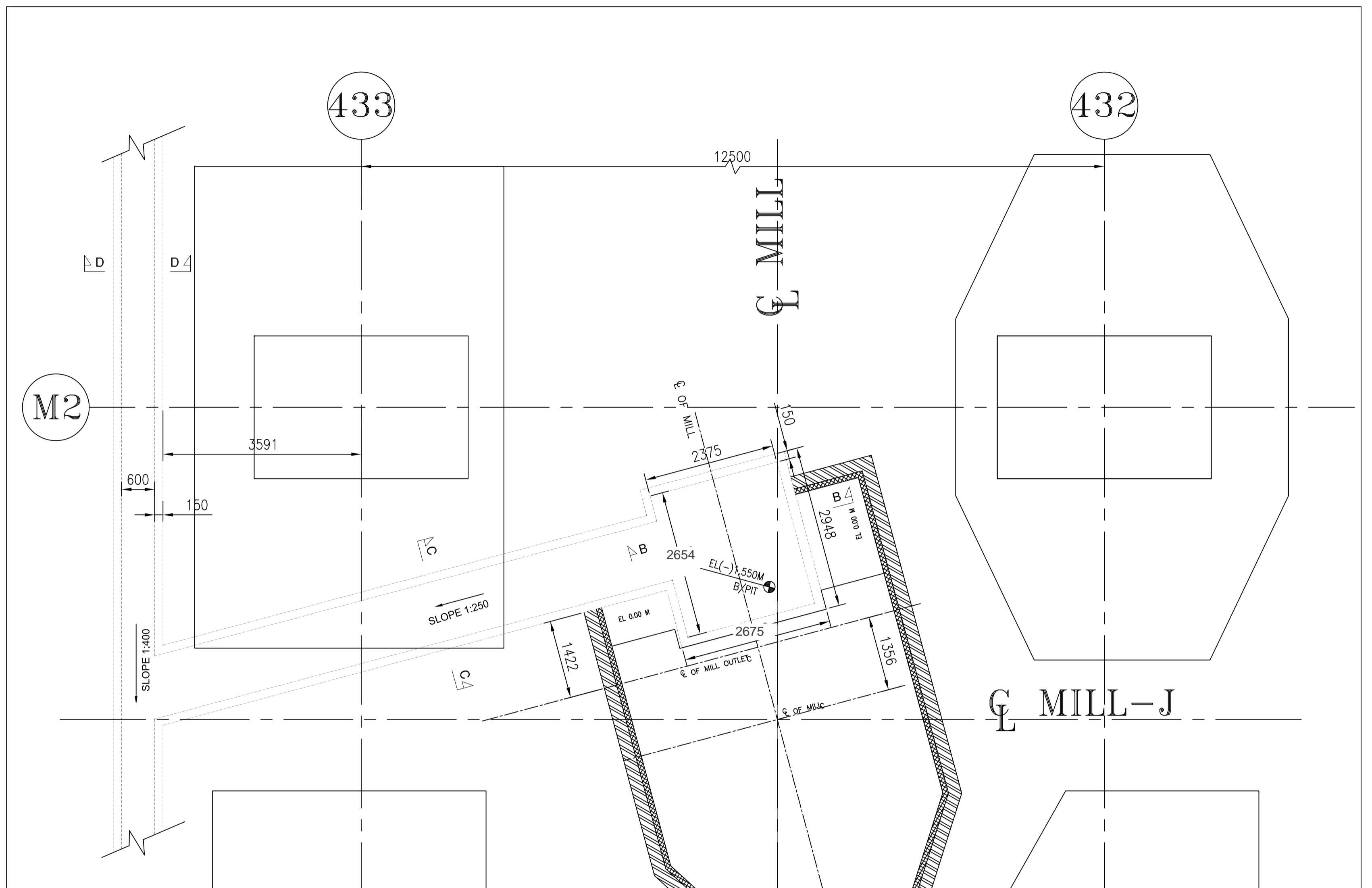
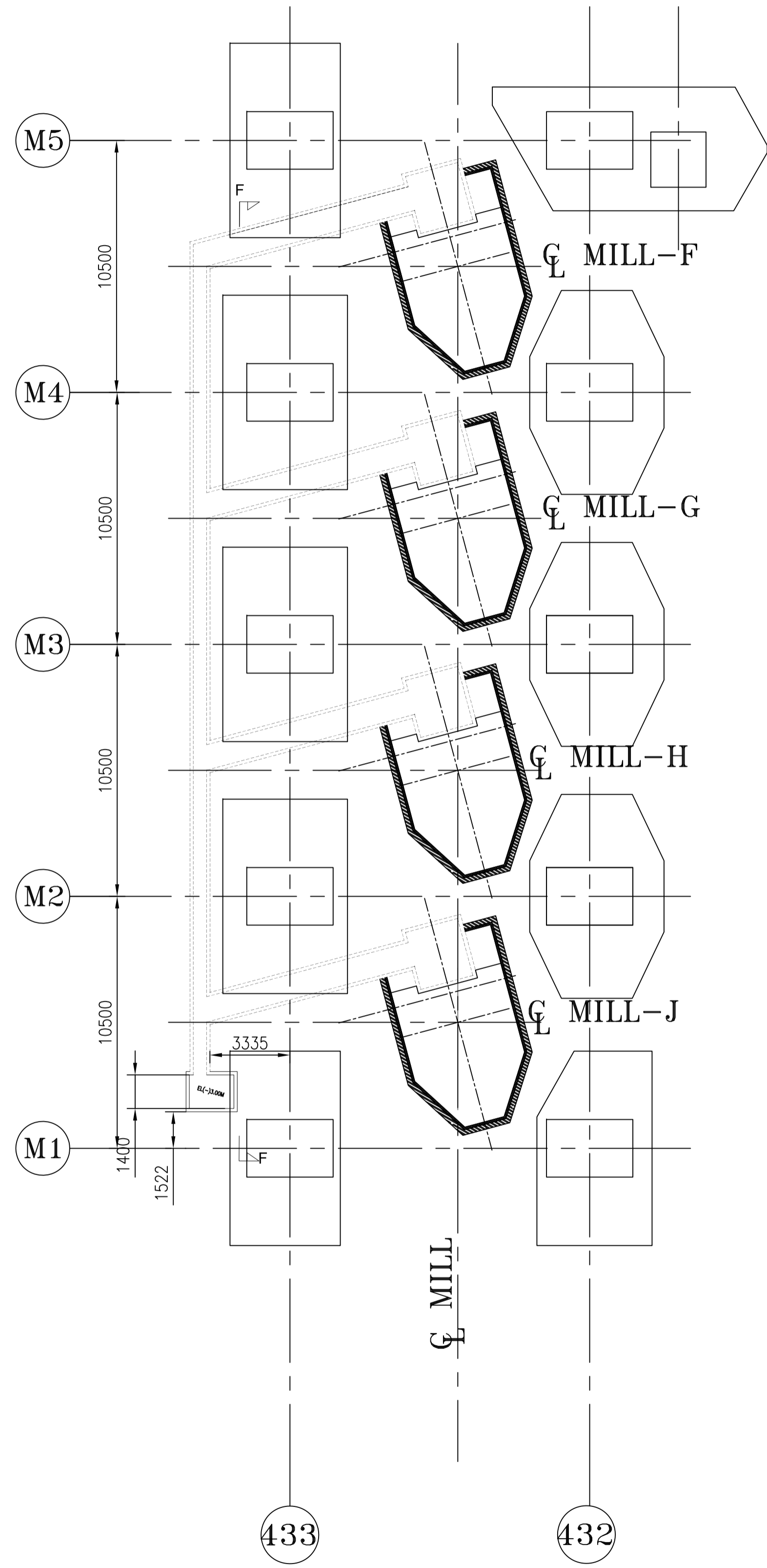
REV	DATE	ALTD	CHD	APPD

DIPT.	SCALE	~	DRAWING NO.
SIGN			PE-DG-387-160-A516
DATE			SHEET 1 OF 3 REV 00

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COMPUTER FILE NAME:

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NTPC Drg. Num: 9575-102-PE-PVE-C-1270

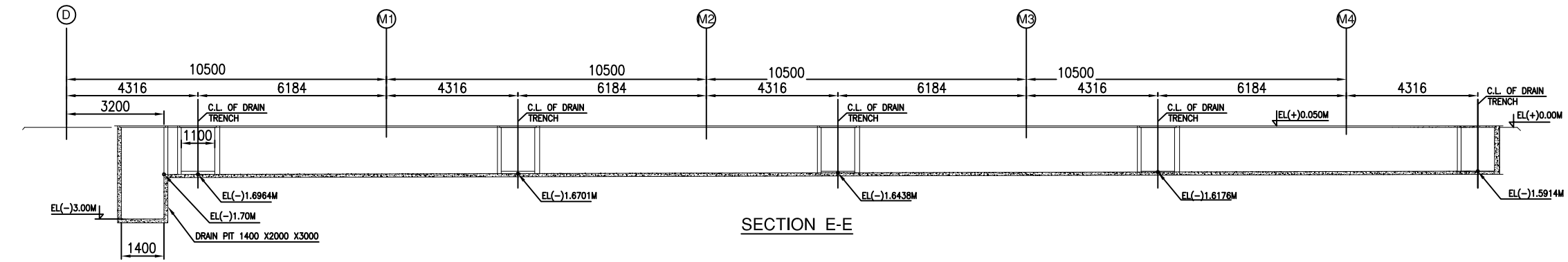
JOB NO.	387				
STATUS	CONTRACT				
DISTRIBUTION					
TO	MPL	CM	MSE		
No. OF	1	1	1		
REV	DATE	ALTD	CHD	APPD	

एन टी सी		2X660 MW MOUDA STPP STAGE-II			
NTPC					
BHARAT HEAVY ELECTRICALS LTD		DIPT	NAME	SIGN	DATE
POWER GROUP		CODE	DRN	NP	
PROJECTS ENGINEERING MANAGEMENT		MAX.	DESN	RN	
NEW DELHI			CHD	GB	
			APPD	PK	

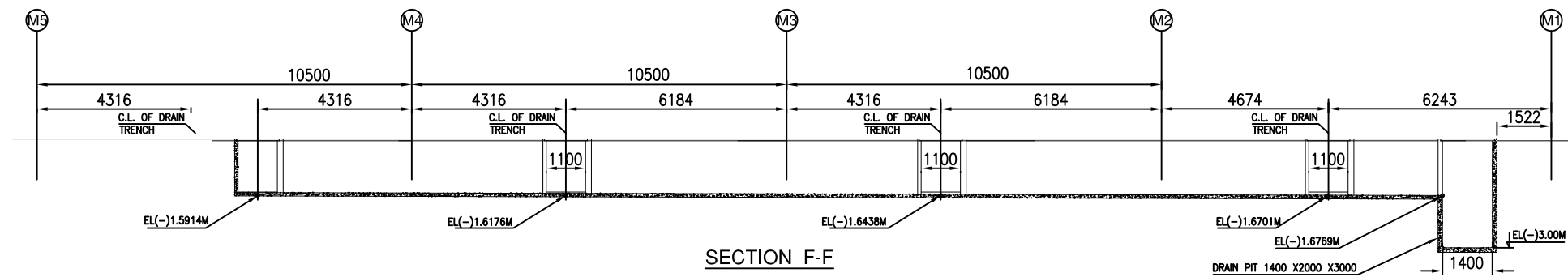
TITLE TRENCH & PIT DETAILS FOR MILL REJECT SYSTEM

REV	DATE	ALTD	CHD	APPD					

DIPT.	SCALE	~	DRAWING NO.
SIGN			PE-DG-387-160-A516
DATE			SHEET 2 OF 3 REV 00



SECTION E-E



SECTION F-F

NTPC Drg. Num: 9575-102-PE-PVE-C-1270

JOB NO.	387
STATUS	CONTRACT
DISTRIBUTION	



2X660MW MOUDA STPP STAGE-II



BHARAT HEAVY ELECTRICALS LTD
POWER GROUP
PROJECTS ENGINEERING MANAGEMENT
NEW DELHI

DIPT. CODE	NAME	SIGN	DATE
DRN	NP		
DES	RN		
CHD	GB		
APPD	PK		

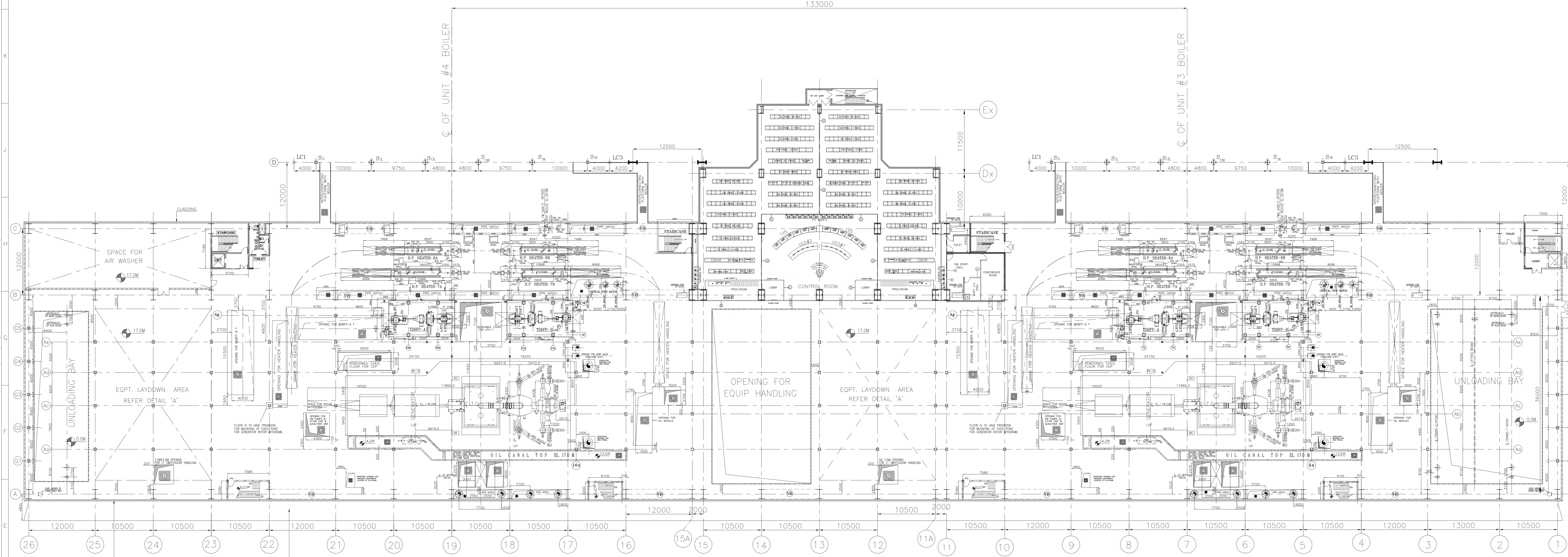
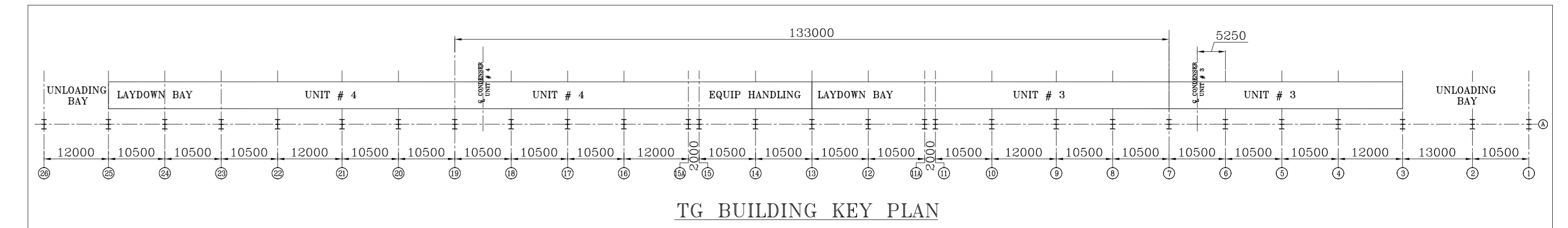
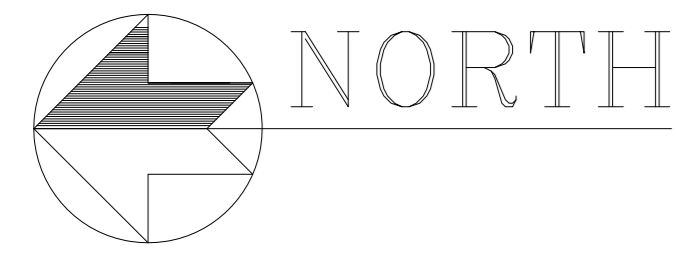
REV	DATE	ALTD	CHD	APPD

TITLE TRENCH & PIT DETAILS FOR MILL REJECT SYSTEM

DIPT.	SCALE	DRAWING NO.
SIGN	~	PE-DG-387-160-A516
DATE		SHEET 3 OF 3 REV 00

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COMPUTER FILE NAME:



PLAN AT EL: 17.0M

REFERENCE DRAWING:

- EQUIPMENT PLAN AT 0.0M
- EQUIPMENT PLAN AT 8.5M
- EQUIPMENT PLAN AT 24.0M, 32.8M & 38.0M
- CROSS SECTION OF MAIN PLANT
- GENERAL ARRANGEMENT OF HP HEATER No. 7A
- GENERAL ARRANGEMENT OF HP HEATER No. 7B
- GENERAL ARRANGEMENT OF HP HEATER No. 8A
- GENERAL ARRANGEMENT OF HP HEATER No. 8B
- FOUNDATION PLAN
- GENERAL ARRANGEMENT OF TDBFP SET
- OIL CANAL DETAIL
- LAYDOWN SPACE FOR GENERATOR COMPONENTS
- LAYDOWN SPACE FOR STEAM TURBINE COMPONENTS
- OIL ROOM ARRANGEMENT
- LP BYPASS ARRANGEMENT
- GA OF F.W. SAFETY VALVE DISCHARGE F/T
- LOCATION OF CUSTOMER CONNECTIONS

- 9575-110-PE-PVM-F-1910 (PEM)
- 9575-110-PE-PVM-F-1911 (PEM)
- 9575-110-PE-PVM-F-1913 (PEM)
- 9575-110-PE-PVM-B-1870 (PEM)
- 9575-110-HY-03-PVM-B-1163 (HYD)
- 9575-110-HY-03-PVM-B-1164 (HYD)
- 9575-110-HY-03-PVM-B-1165 (HYD)
- 9575-110-HY-03-PVM-B-1166 (HYD)
- 9575-110-HW-PVC-C-0104 (HWR/SIEMENS)
- 9575-110-HY-01-PVM-B-0950 (HYD)
- 9575-110-HW-PVM-B-0379 (HWR)
- 9575-110-HW-PVM-F-0407 (HWR)
- 9575-110-HW-PVM-F-0406 (HWR)
- 9575-110-HW-PVM-B-0378 (HWR)
- 9575-110-HW-PVM-B-0387/88 (HWR)
- 9575-110-BPL-PVM-B-0045 (BPL)
- 9575-110-HW-PVC-B-0394 (HWR)

NOTES:

- ALL DIMENSIONS ARE IN MM'S AND LEVELS ARE IN METRES.
- 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
- EQUIPMENTS & FACILITIES SHOWN FOR PACKAGES OTHER THAN TO PACKAGE ARE SUGGESTIVE ONLY HOWEVER IT IS PREFERRED THAT SIMILAR DETAILS BE ENSURED FORM RESPECTIVE PACKAGE VENDORS.

LEGEND:

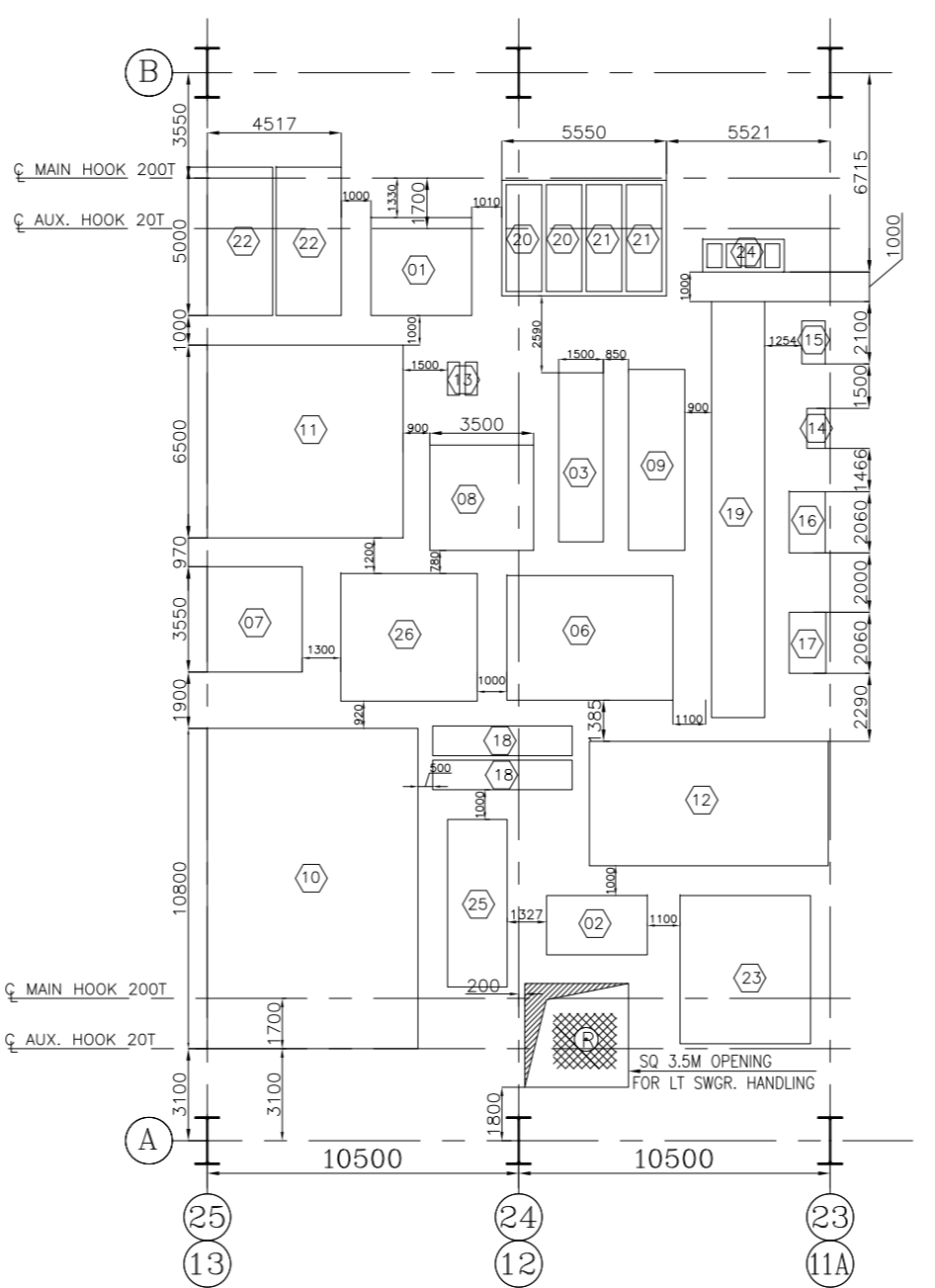
- CHEQUERED PLATE FLOORING
- REMOVABLE CHEQUERED PLATE
- GRATED FLOORING
- REMOVABLE GRATING
- HAND RAILING
- PARAPET WALL
- FLOOR CUTOUTS
- BRICK WALL
- VERTICAL BRACING

LAYOUT OF H.P. HEATERS

HP#1	FLOORING HEIGHT	= 41.00
HP#1	OPERATING HEIGHT	= 39.41
HP#1	SAFETY HEIGHT	= 34.91
HP#2	FLOORING HEIGHT	= 40.00
HP#2	OPERATING HEIGHT	= 38.41
HP#2	SAFETY HEIGHT	= 33.91
HP#3	FLOORING HEIGHT	= 40.00
HP#3	OPERATING HEIGHT	= 38.41
HP#3	SAFETY HEIGHT	= 33.91
HP#4	FLOORING HEIGHT	= 41.00
HP#4	OPERATING HEIGHT	= 39.41
HP#4	SAFETY HEIGHT	= 34.91
HP#5	FLOORING HEIGHT	= 41.00
HP#5	OPERATING HEIGHT	= 39.41
HP#5	SAFETY HEIGHT	= 34.91

DETAIL OF LAY-DOWN SPACE FOR TG COMPONENTS

NO.	DESCRIPTION	WTR No	AREA (M x M)
1	HP HEATER (GENERAL DIMENSION)	10000	3.4 x 2.0
2	HP HEATER (GENERAL DIMENSION)	17000	3.4 x 2.0
3	HP HEATER (GENERAL DIMENSION)	20000	5.5 x 1.5
4	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.8
5	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 8.0
6	HP HEATER (GENERAL DIMENSION)	20000	5.5 x 4.2
7	HP HEATER (GENERAL DIMENSION)	30000	5.5 x 3.2
8	HP HEATER (GENERAL DIMENSION)	30000	5.5 x 3.2
9	HP HEATER (GENERAL DIMENSION)	30000	5.5 x 3.2
10	HP HEATER (GENERAL DIMENSION)	30000	5.5 x 3.2
11	HP HEATER (GENERAL DIMENSION)	40000	10.0 x 7.1
12	HP HEATER (GENERAL DIMENSION)	40000	10.0 x 7.1
13	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
14	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
15	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
16	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
17	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
18	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
19	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
20	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
21	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
22	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
23	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
24	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
25	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
26	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
27	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
28	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
29	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
30	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
31	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
32	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
33	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
34	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
35	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
36	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
37	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
38	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
39	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
40	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
41	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
42	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
43	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
44	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
45	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
46	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
47	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
48	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
49	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2
50	HP HEATER (GENERAL DIMENSION)	10000	8.0 x 4.2



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

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

REV.	DATE	ALTD	CHD	APPRD	REV.	DATE	ALTD	CHD	APPRD
1	18/07/12	SD	SK	SK	1	04/09/12	SD	SK	SK

T.G. EQUIPMENT LAYOUT PLAN AT 17.0M

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