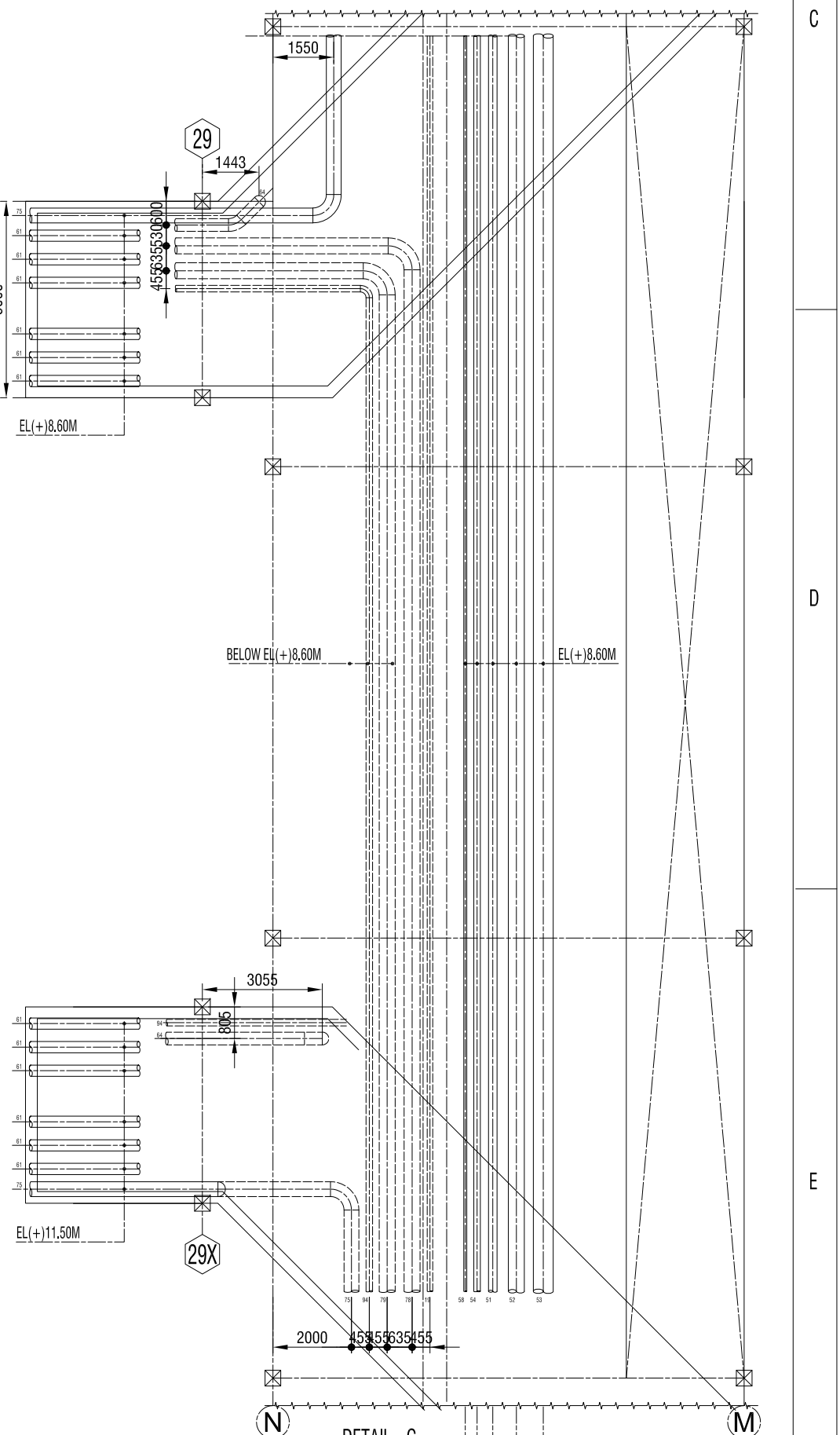
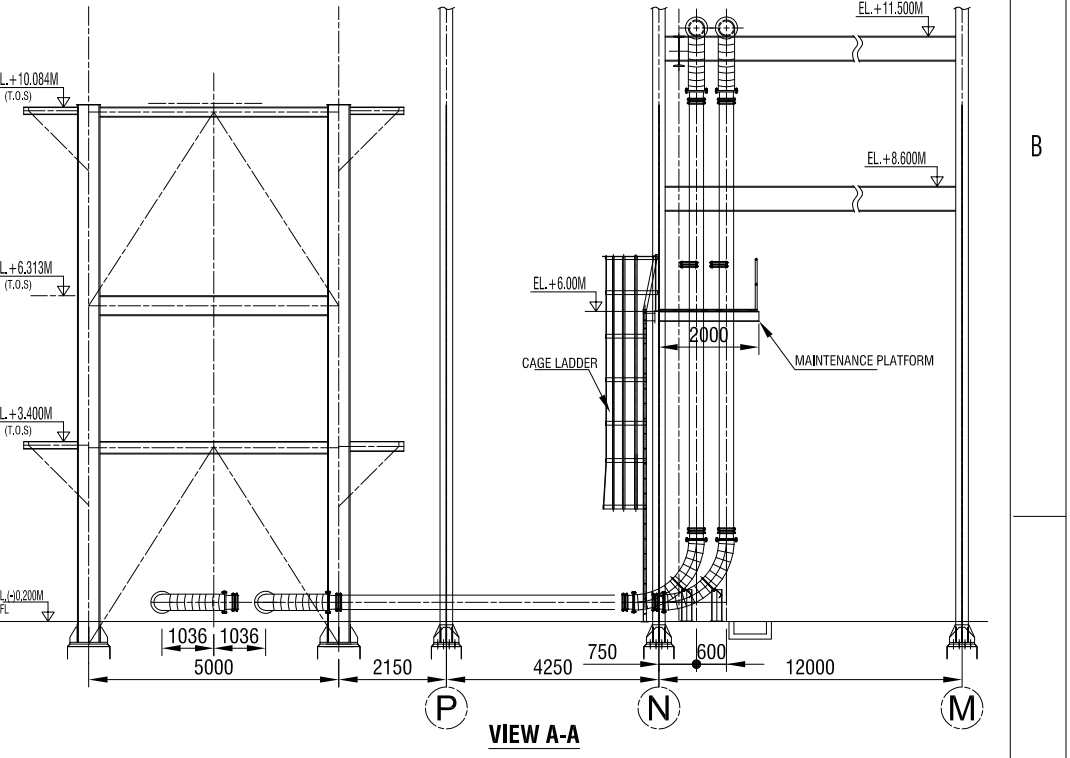


PIPE LOAD DATA

S. NO.	PIPE DESCRIPTION	DEAD LOAD (kg/m)	TOTAL LOAD WITH (kg/m)
1	250/300/350NB C.I. ASH CONVEYING PIPE (M.S.)	83.02 / 107.1 / 134.82	124.53/160.85/202.23
2	500NB BALP WATER PIPE (M.S.)	98.60	346.34
3	400NB BALP WATER PIPE (M.S.)	62.55	220.78
4	200NB ECO WATER PIPE (M.S.)	33.28	80.03
5	300NB FAHP WATER PIPE (M.S.)	49.56	150.18
6	300NB BA OVER FLOW PIPE (M.S.)	49.56	150.25
7	300NB MAKE UP WATER PIPE (M.S.)	49.56	150.18
8	350NB CONV. AIR PIPE (M.S.)	54.57	76.4
9	100NB INST. AIR PIPE (M.S.)	14.46	20.24
10	150NB DRAIN PIPE (M.S.)	21.64	51.58
11	150NB SERVICE WATER PIPE (M.S.)	21.64	49.25
12	150NB CW BLOWDOWN WATER PIPE (M.S.)	21.64	49.25
13	65NB POTABLE WATER PIPE (M.S.)	8.00	14.76



THE PIPE/CABLE RACK DETAILS INDICATED IN THIS SHEET TAKING CARE OF NTPC'S ADDITIONAL REQUIREMENTS, NEEDS SETTLEMENT OF ADDITIONAL COMMERCIAL IMPLICATION TO PROCEED FURTHER

CONSULTANT
NTPC Limited
ENGINEERING DIVISION
(A GOVERNMENT OF INDIA ENTERPRISE)

PROJECT
TELANGANA SUPER THERMAL POWER PROJECT
(2X800 MW)

MAIN CONTRACTOR
BHARAT HEAVY ELECTRICALS LTD.
INDUSTRIAL SYSTEMS GROUP, BANGALORE

DRAWN BY CONTRACTOR
MACAMBER BEEKAY PRIVATE LIMITED
NOIDA (U.P.)

PROJECT NO.
9591-102-162-PVM-F-001

ASH HANDLING SYSTEM-KEY PLAN

SHEET NO. 1 OF 3

- NOTES:-
1. ALL DIMENSIONS ARE IN MM AND ELEVATIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 2. ALL ELEVATIONS INDICATED IN THE DRG. ARE W.R.T. POWER HOUSE FLOOR ELEVATION AS 0.00M, WHICH CORRESPONDS TO RL+114.80M & BOILER FLOOR LEVEL IS EL+0.20M WHICH CORRESPONDS TO RL+114.80M.
 3. THIS DRAWING SHALL BE REFERRED ONLY FOR ASH HANDLING SYSTEM FACILITIES. FOR OTHERS, REFER "MAIN EQUIPMENT LAYOUT" DRAWING.
 4. ASH CONVEYING PIPES SHALL BE SUPPORTED AT EVERY 2.5M TO 3.0M.
 5. FOR CABLE TRAY LAYOUT PLEASE REFER DRAWING NUMBERED 9591-102-162-PVE-F-017 (INTERPLANT CABLE TRAY, BELOW GROUND EARTHING & LIGHTNING PROTECTION LAYOUT).

SECTION P-P

SECTION Q-Q

SECTION R-R

SECTION S-S

S.NO.	DESCRIPTION	REFERENCE
1	MAIN EQUIPMENT PLAN	NTPC DRAWING
2	BOTTOM & COORDINATE ASH HANDLING SYSTEM-SLO	
3	RY ASH PRESSURE CONVEYING SYSTEM-SLO	
4	ASH HANDLER & ASH SLURRY DISPOSAL SYSTEM-SLO	
5	HESO SYSTEM - SINGLE LINE FLOW DIAGRAM	

REV.	DATE	DESCRIPTION	DRAWN	CHECKD	APPR.
1	04/02/2018	REWORKED AS PER NTPC LETTER REF. NO. - 102/2989 DTD. 20/05/20	DND	UK	SYS
2	04/03/2018	REWORKED AS PER NTPC LETTER REF. NO. - 102/2989 DTD. 20/05/20	DND	UK	SYS
3	04/03/2018	REWORKED AS PER NTPC LETTER REF. NO. - 102/2989 DTD. 20/05/20	DND	UK	SYS
4	04/03/2018	REWORKED AS PER NTPC LETTER REF. NO. - 102/2989 DTD. 20/05/20	DND	UK	SYS
5	04/03/2018	REWORKED AS PER NTPC LETTER REF. NO. - 102/2989 DTD. 20/05/20	DND	UK	SYS

PURPOSE	DATE	SIGNATURE
FOR TENDER ONLY		
FOR APPROVAL		
FOR REVIEW		
FOR CORRECTION		

NO REPRODUCTION OR PUBLICATION OF THIS DRAWING SHALL BE MADE IN ANY FORM, INCLUDING 3-DIMENSIONAL OR 2-DIMENSIONAL REPRODUCTION, AND NO ARTICLE BE MANUFACTURED OR ASSEMBLED IN ACCORDANCE WITH THIS DRAWING, USING ITS SALES OR DISTINGUISHING FEATURES, WITHOUT PRIOR WRITTEN CONSENT. THIS PERMISSION IS A TERM OF ANY CONTRACT RELATING TO THIS DRAWING. THIS DRAWING SHALL ALWAYS REMAIN OUR PROPERTY ONLY. UNAUTHORIZED USERS WILL BE PROSECUTED UNDER THE COPYRIGHT ACT 1957 AND THE DESIGN ACT 1911.

THIS DRG. HAS BEEN APPROVED BY CONSULTANTS/PURCHASER'S LETTER NO. _____