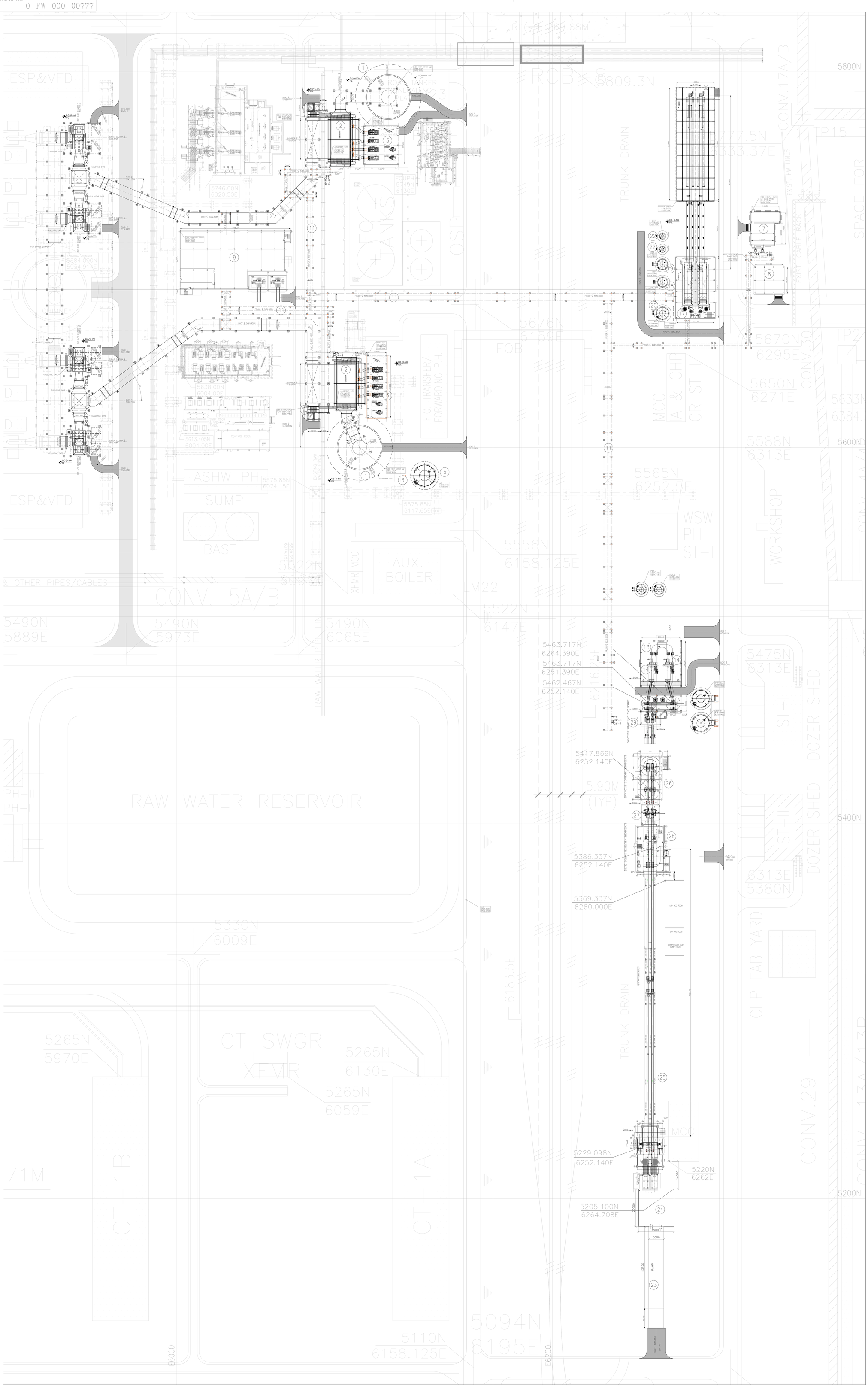
DRAWING NO. 0-FW-000-00777



LEGEND :	
(*1)	THE EXISTING PLATFORM/PAVING WHICH IS DISMANTLED FOR CHIMNEY RAFT HAVE TO RELAID UPTO CHIMNEY SHELL BY BHEL
FGL	FINISHED GROUND LEVEL
FFL	FINISHED FLOOR LEVEL
BMB	BALL MILL BUILDING
GDWB	GYPSUM DEWATERING BUILDING
FWT	FILTERATE WATER TANK (INSIDE GDWB)
LSSST	LIMESTONE SLURRY STORAGE TANK (REAGENT TANK)
AAT	AUXILIARY ABSORBENT TANK
BUF	BOOST UP FAN
WWT	WASTE WATER TANK
SHFT	SECONDARY HYDRO CYCLONE FEED TANK
PWT	PROCESS WATER TANK
CLWT	CLARIFIED WATER TANK
BFWT	BELT FILTER WATER TANK
PHFT	PRIMARY HYDROCYCLONE FEED TANK
CWT	CAKE WASHING TANK

SL.NO	NAME	SIZE (Not to Exceed)	NOS
11	WWT	6500 mm D x 6700 mm H	1
10	SHFT	5000 mm D x 5000 mm H	1
9	PHFT	5500 mm D x 6600 mm H	1
8	CWT	3000 mm D x 3500 mm H	2
7	LSST	9000 mm D x 11000 mm H	2
6	PWT	5000 mm D x 5800 mm H	2
5	AAT	11500 mm D x 12700 mm H	1
4	CONTROL ROOM	41000 mm W x 60000 mm L	1
3	BMB	24000 mm W x 21000 mm L x 27500 mm H	1
2	GDWB	32000 mm W x 20000 mm L x 30500 mm H	1
1	ABSORBER	20400 mm W x 9900 mm L x 38840 mm H	2

EQUIPMENT/ STRUCTURE NO	DESCRIPTION
01	NEW WET STACK
02	WET LIMESTONE BASED ABSORBER
03	RC PUMPS AND OXIDATION BLOWER HOUSE
04	BOOST UP FANS
05	AUXILIARY ABSORBENT TANK
06	AUXILIARY ABSORBENT TANK PUMP
07	COMPRESSOR HOUSE
08	ACW PUMP HOUSE
09	FGD CONTROL ROOM
10	ELEVATOR FOR ABSORBER
11	PIPE AND CABLE RACK

EQUIPMENT/ STRUCTURE NO	DESCRIPTION
12	LIMESTONE STORAGE SILOS
12A	ELEVATOR FOR LIMESTONE GRINDING SYSTEM
13	BALL MILL BUILDING
14	WET LIMESTONE BALL MILLS
15	LIMESTONE SLURRY STORAGE TANKS
16	LIMESTONE SLURRY PUMPS
17	GYPSUM DEWATERING BUILDING
18	SECONDARY HYDRO CYCLONE FEED TANK
19	PRIMARY HYDRO CYCLONE FEED TANK
20	WASTE WATER TANK
21	PROCESS WATER TANKS
22	CAKE WASH TANKS
23	TRUCK UNLOADER RAMP
24	TRUCK UNLOADER
25	LIMESTONE BELT CONVEYER LBC-1A/1B
26	LIMESTONE STORAGE SILOS – A&B
27	LIMESTONE BUCKET ELEVATOR BE-1&2
28	LIMESTONE CRUSHER HOUSE (LCH)
29	LIMESTONE BUCKET ELEVATOR BE-3&4

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS IN METRES
2. EL(±)0.000 IS THE GROUND FLOOR LEVEL OF POWER HOUSE BUILDING WHICH CORRESPONDS TO RL(+)271.5.
3. FINISHED GROUND LEVEL IN ALL AREA OF THE PLANT IS EL(−)0.500 I.E. RL(+)271.00.
4. THE BUILDING AND EQUIPMENT SIZES SHOWN IN THIS DRAWING IS INDICATIVE ONLY (NOT TO EXCEED) AND WILL BE FINALIZED DURING DETAIL ENGINEERING

REV.	DATE	ALTD:	CKD.	APPD.	REV.	DATE	ALTD:	CKD.	APPD.	REV.	DATE	ALTD:	CKD.	APPD.
03	30.07.2019	FELIX	FELIX	NAVEEN	02	14.06.2019	FELIX	FELIX	NAVEEN	01	28.02.19	LOGANATHAN	NAVEEN	KESAVAN
REVISED AS PER NTPC COMMENTS					REVISED AS PER NTPC COMMENTS CC:PE:9561:109:39073 DTD 13.03.19 and DISCUSSION AT SITE ON 03.06.19 (MoM b/w NTPC & BHEL dtd 04.06.2019)					REVISED AS PER NTPC COMMENTS				

CAUTION: THE DRAWING IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MAY NOT BE REPRODUCED OR USED TO FURNISH ANY INFORMATION FOR MAKING OF DRAWINGS OF APPARATUS EXCEPT WHERE PROVIDED FOR AGREEMENT WITH SAID COMPANY.

CUST NO. G503 & G504

NTPC DRG NO: 9561-109-RP-PVM-F-386

NTPC LTD.
MOUDA STAGE-I 2X500MW
FGD SYSTEM PACKAGE

BHARAT HEAVY ELECTRICALS LIMITED.
UNIT: BOILER AUXILIARIES PLANT,
RANIPET. 632 406.

DEPT CODE		NAME	SIGN	DATE
M	DESN	SURYA PRAKASH	-sd-	25/01/19
	CHD	LOGANATHAN R	-sd-	25/01/19
	APPD	FELIX	-sd-	25/01/19

TITLE: PLANT LAYOUT OF FGD SYSTEM (TOTAL LAYOUT OF FGD PACKAGE)

DRAWING NO.	SCALE : NTS	SHEET	REVISION
0-FW-000-00777		1 OF 3	03

Size A0