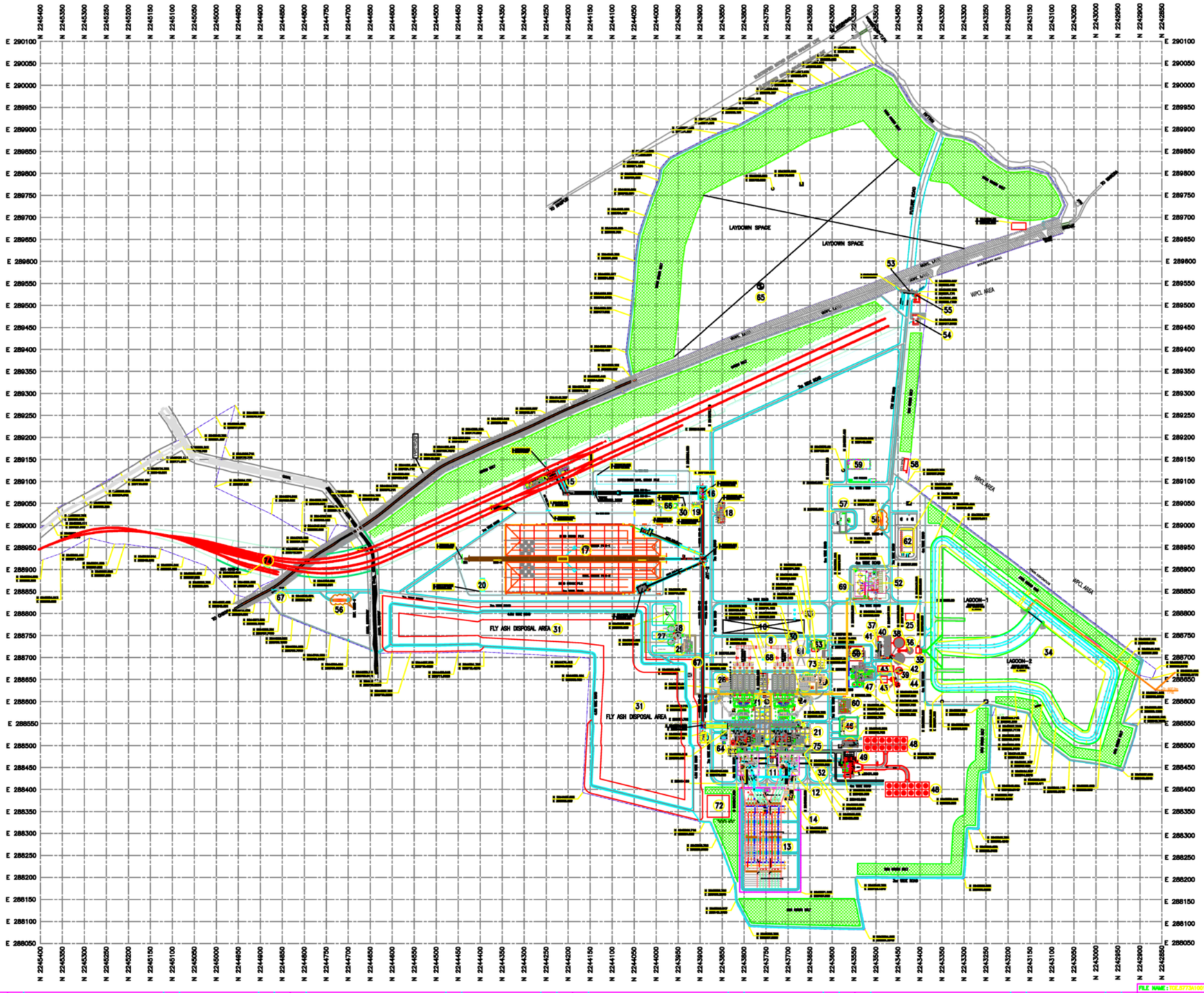
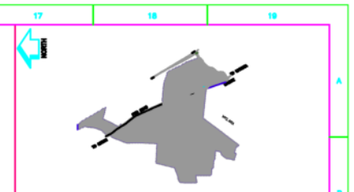
TCE.5773A-100-GA-1001

PLOT PLAN

NORTH

WIND ROSE





KEY PLAN

SCALE – 1:30000

LEGEND

CH	– CRUSHER HOUSE		– GREEN BELT
DH	– DRINK HOUSE		– PIPE RACK
JNT	– JUNCTION TOWER		– RAILWAY TRACK
PH	– PENT HOUSE		– PLANT BOUNDARY LINE
RH	– RECLAIM HOPPER		– LAMP POST
ST	– STACKER		– CONSTRUCTION TRANSFORMER
	– FUTURE MAIN ROAD		

SL. NO.	DESCRIPTION
1	TURBINE HOUSE
1A	HT SWITCHGEAR ROOM
2	DEAERATOR BAY
3	BUNKER BAY
4	SWITCHGEAR/CENTRAL CONTROL ROOM
5	BOILER
6	E.S.P
7	E.S.P CONTROL ROOM
8	CHIMNEY
9	CONDENSATE STORAGE TANK
10	SPACE FOR FGD
11	ABU ROOM UNIT@1 / PLANT AIR COMPRESSOR HOUSE (COMMON FOR UNIT@1 & 2)
11A	ABU ROOM UNIT@2
12	MAIN POWER TRANSFORMER
13	SWITCHYARD
14	SWITCHYARD CONTROL ROOM
15	WAGON TIPPLER
16	CRUSHER HOUSE
17	COAL YARD
18	CHS SWITCH GEAR & CONTROL ROOM
19	DUST SUPPRESSION PUMP HOUSE
20	BULL DOZER SHED
21	MILL REJECT SILO
22	AHS COMPRESSOR/WATER PUMP HOUSE/ CLARIFIED WATER TANK-1
22A	AHS MCC & CONTROL ROOM
23	VACUUM PUMPS & BUFFER HOPPER TOWER
24	DRY BOTTOM ASH SYSTEM
25	SEWAGE TREATMENT PLANT
26	BUFFER HOPPER
27	AERATOR TANK
28	FLY ASH SILOS
29	SILO UTILITY BUILDING (PUMP HOUSE, MCC & CONTROL ROOM)
30	LABOUR TOILET BLOCK
31	FLY ASH DISPOSAL AREA
32	WASH ROOM
33	WASTU WELLS
34	RAW WATER RESERVOIR
35	RAW WATER PUMP HOUSE
36	AERATOR
37	FILTERED WATER PUMP HOUSE
38	REACTOR CLARIFIER
39	SLUDGE THICKNER
40	FILTERED WATER STORAGE TANK

SL. NO.	DESCRIPTION
41	CLARIFIED WATER STORAGE TANK
42	SLUDGE SUMP/ BACKWASH COLLECTION SUMP
43	CHEMICAL BUILDING
44	REACTOR CLARIFIER ERS
45	CLARIFIED WATER STORAGE TANK FOR DRS
46	CW BLOWDOWN /FIRE WATER STORAGE TANK & PUMP HOUSE
47	UF + RO PLANT
48	COOLING TOWER
49	CW PUMP HOUSE
50	EFFLUENT COLLECTION PIT
51	CW/RW CHLORINATION BUILDING
52	FUEL OIL STORAGE TANK & PUMP HOUSE
53	MAIN GATE, GUARD CABIN & TMC OFFICE
54	SECURITY COMPLEX
55	GUARD HOUSE
56	WASH BRIDGE
57	FIRE STATION
58	SITE OFFICE
59	ADMINISTRATIVE BUILDING
60	CANTEEN
61	WORKSHOP
62	WARE HOUSE
63	TECHNICAL BUILDING
64	DG HOUSE
65	HELIPAD
66	COAL PILE RUN-OFF PIT
67	MATERIAL GATE
68	CCMS ROOM
69	FOAM PUMP HOUSE
70	BUNKER MCC ROOM
71	FW BOOSTER PUMP HOUSE
72	ASH WATER TREATMENT PLANT
73	MAINTENANCE SHED
74	LOCOMOTIVE SHED
75	COMPACT SUB STATION (CSS-1)

NOTES

1. THE BOUNDARY OF THE PLOT AS SHOWN IS BASED ON DWG NO SUN/2010/2006/PLAN DATED 02/07/2011 (C.E. TESTING COMPANY PVT. LTD.).
2. FINISHED GROUND LEVEL(FGL) ELEVATIONS OF MAIN PLANT IS CONSIDERED AS 211.0M AND FINISHED FLOOR LEVEL(FFL) OF TG BUILDING IS 211.30 ABOVE MSL.
3. EL.0.00 CORRESPONDS TO RL211.80 WHICH IS FINISHED FLOOR LVL. OF STATION BUILDING.
4. GRID DISTANCE AND CONTOUR ARE IN METER.
5. CO-ORDINATE SHOWN FOR LOCO SHED IS TENTATIVE AND SAME SHALL BE FINALISED AFTER CONFIRMATION FROM RAILWAY CONSULTANT.

HOLD

–NIL–

REFERENCE DRAWINGS:

A. TCE DRAWING

–NIL–

B. VENDOR DRAWINGS

BTG DRAWINGS

1. ARRANGEMENT PLAN AT GROUND FLOOR IN THE TURBINE HOUSE — 44-F43110-J0201-01/R3
2. ARRANGEMENT DRAWING OF GROUND FLOOR IN THE BOILER HOUSE — 44-F43113-J0202-06/R3
3. ARRANGEMENT DRAWING OF BOILER REAR — 44-F43113-J0202-08/R3

CW SYSTEM DRAWING

4. TOPOGRAPHIC SURVEY DRAWING — SUN/2010/2006/PLAN/R3

BOP DRAWING

5. INPLANT YARD SCHEME — RCC/KMR-WRB/NN/2010/1

THERMOXTENSIONS (P)LTD. DRAWING

6. G.A DRAWING OF FUEL OIL SYSTEM — TSPL-P175-GAD-306/R4

THE INDURE PVT. LTD. DRAWING

7. COMPOSITE LAYOUT- ASH HANDLING PLANT — I-3063-M-BE-06/R7

INSTA.ED DRAWING

8. REDLER CONVEYOR & BUCKET ELEVATOR — RPL/435/RB

AERIAL DRAWING

9. 400kV SWITCHYARD LAYOUT PLAN — 5438PED11-WRA-E-SYD-ARR-0001/R4
10. TRANSFORMER YARD GENERAL ARRANGEMENT & CABLE LAYOUT — 5438PED11-WRA-E-TRY-ARR-0005/R7

ELECTRICAL DRAWING

11. CHS. PLOT PLAN — F21170/1/R10

RAIL/RAV. DRAWING

12. DRAIN ARRANGEMENT PLAN IN INPLANT AREA — RCC/EMCO/CIVIL/Sh3 OF 3

RCC DRAWING

12. SCHEMATIC VIEWS & GA OF CT-85454-5.0-12B — 10-21-0030/R7

RCC DRAWING

13. PLANT LAYOUT DIAGRAM For WTP(2X) — P-144-11-001/R5

DO NOT SCALE | ADVANCE COPY

GMR EMCO ENERGY LTD
(A Wholly owned subsidiary of GMR Energy Limited)
2 X 300 TPH AT WRCCL, CHHATTISGARH DIST. MAHARASHTRA

PLOT PLAN

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE: 1:30000	APPROVED	Sd/-HR	DATE (NO SHEET) 22-03-2010
OFFICE-CODE: DB-ME	GENERAL MANAGER		DATE (SHEET SIZE) 14-02-2012
DRN: GURU	Sd/-SHK	Sd/-ERKH	
CHK: TRS	TCE.5773A-100-GA-1001		REV.

FOR RO ISSUE ONLY

	CLEARED	
DSIT	–	–
CSM	–	–
CIVL	Sd/-ERKH	22-03-10
ELEC	Sd/-HRMS	22-03-10
MC	Sd/-TRJ	22-03-10
MECH	Sd/-MKS	22-03-10

ISSUE	REVISIONS	DRN	CHEM	CIVIL	ELEC	M/C	MECH	APPD	DATE
R1	ISSUED BASED ON LATEST BOUNDARY, CHS LAYOUT, WATER SCHEME & FUEL OIL AREA AND REVISED BUDGETARY COMMERCIAL DATA. ARRANGEMENT OF CHS LAYOUT AND RAIL REVISED BASED ON THE COMMENTS RECEIVED BY CHS TCE MAIL DATED 25-05-2010.	GURU	–	ERKH	HRMS	TRJ	SHK	HR	25-05-10
R2								HR	26-05-10
R3	ISSUED BASED ON DISCUSSION WITH GMR MELA AT SITE ON 13-07-2010.	GURU	–	ERKH	HRMS	TRJ	SHK	HR	26-07-10
R4	ISSUED BASED ON LATEST ENGINEERING PROGRESS.	GURU	–	ERKH	HRMS	TRJ	SHK	HR	22-03-11
R5	ISSUED BASED ON LATEST ENGINEERING PROGRESS.	GURU	–	ERKH	HRMS	TRJ	SHK	HR	22-03-11
R6	ISSUED BASED ON LATEST ENGINEERING PROGRESS.	GURU	–	ERKH	HRMS	TRJ	SHK	HR	22-03-11
R7	ISSUED BASED ON LATEST ENGINEERING PROGRESS.	GURU	–	ERKH	HRMS	TRJ	SHK	HR	14-02-12

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