FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN MM

DRAWING No. PE-DG-411-100-M001

CUSTOMER'S DRAWING No.

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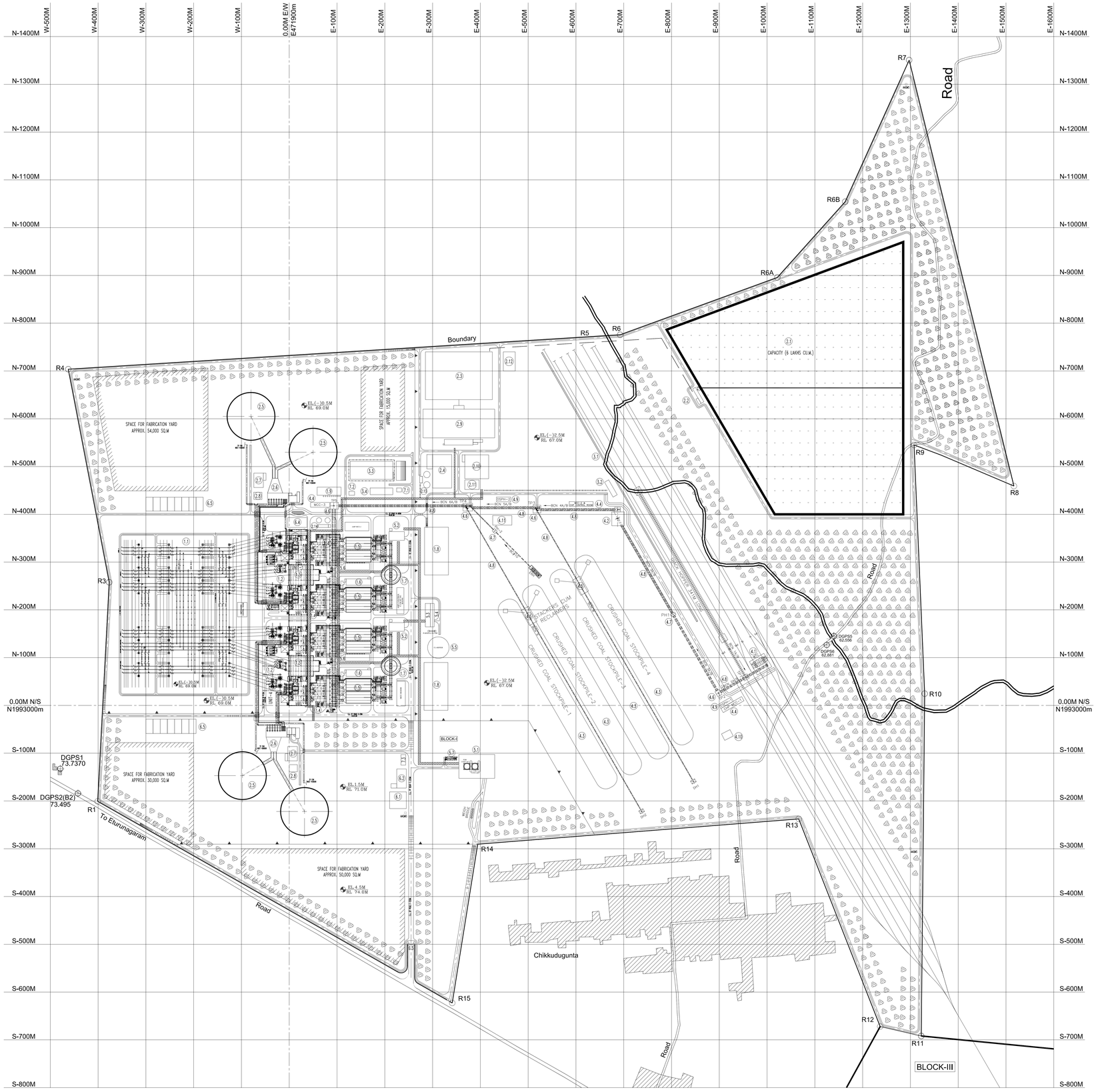


FACILITY	DESCRIPTION OF FACILITIES
1.0	MAIN PLANT AREA
1.1	SWITCH YARD
1.2	TRANSFORMER YARD
1.3	TURBINE BUILDING
1.4	BOILER
1.5	ESP
1.6	ESP CONTROL ROOM
1.7	CHIMNEY
1.8	SPACE FOR FGD
1.9	IA & SA COMPRESSOR HOUSE
1.10	DC SET
2.0	WATER SYSTEM
2.1	RAW WATER RESERVOIR
2.2	RAW WATER PUMP HOUSE
2.3	PT PLANT
2.4	DM PLANT
2.5	NDCT
2.6	CW PUMP HOUSE
2.7	CW CHLORINATION PLANT FOR CW SYSTEM
2.8	CW TREATMENT PLANT FOR CW SYSTEM
2.9	CLARIFIED WATER STORAGE TANK & PUMP HOUSE
2.10	EFFLUENT TREATMENT PLANT
2.11	CHEMICAL LAB
2.12	SEWAGE TREATMENT PLANT
2.13	DM TANKS & DM TRANSFER PUMPS
2.14	CONDENSATE STORAGE TANKS AND CONDENSER MAKE UP & BOILER FILL PUMPS
3.0	FUEL OIL SYSTEM
3.1	FUEL OIL UNLOADING TRENCH
3.2	FUEL OIL UNLOADING AND PRESSURISING PUMP HOUSE
3.3	FUEL OIL STORAGE TANK AREA
3.4	FUEL OIL FORWARDING PUMP HOUSE
4.0	COAL HANDLING PLANT
4.1	WAGON TIPPLER
4.2	CRUSHER HOUSE
4.3	CRUSHED COAL STOCKPILE
4.4	CHP CONTROL ROOM
4.5	STACKER RECLAIMER
4.6	TRANSFER POINT (TP)
4.7	PENT HOUSE (PH)
4.8	COAL BELT CONVEYOR
4.9	DUST SUPPRESSION PUMP HOUSE
4.10	COAL PILE RUN OFF POND
4.11	BULL DOZER SHED
5.0	ASH HANDLING PLANT
5.1	FLY ASH SILOS
5.2	ASH SLURRY PIMP HOUSE
5.3	ASH WATER TANK
5.4	ASH WATER PUMP HOUSE
5.5	AHP CLARIFIER
5.6	AHP VACUUM CUM COMPRESSOR HOUSE
5.7	SILO UTILITY BUILDING
6.0	NON – PLANT BUILDING
6.1	ADMN. BUILDING
6.2	CANTEEN
6.3	MAIN GATE
6.4	SERVICE BUILDING
6.5	STORAGE SHEDS
7.0	FIRE FIGHTING SYSTEM
7.1	FOAM PUMP HOUSE
7.2	BOOSTER PUMP HOUSE
7.3	FIRE STATION

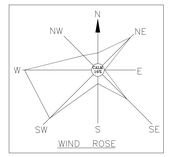
NOTES:–

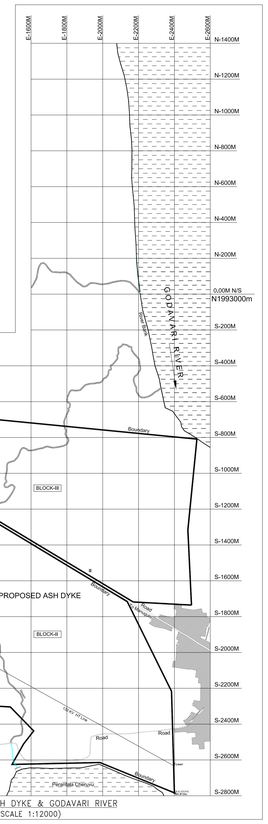
1. ALL DIMENSIONS AND CO–ORDINATES ARE IN METER UNLESS NOTED OTHERWISE.
2. THE FINISHED FLOOR LEVEL (FFL) OF POWER HOUSE BUILDING GROUND FLOOR IS EL. 0.00M WHICH CORRESPONDS TO RL 69.5M i.e. 0.5M ABOVE FGL.
3. BOILER AREA FINISHED FLOOR LEVEL IS 200MM BELOW 0.0M i.e. RL 69.3M.
4. TRANSFORMER YARD FINISHED FLOOR LEVEL IS 100MM BELOW 0.0M i.e. RL 69.4M.
5. THE PIPE RACK SHOWN IS INDICATIVE ONLY.
6. ASH DYKE LOCATION IN BLOCK–II & RAILWAY MARSHALLING YARD (CUSTOMER SCOPE) ARE CONSIDERED AS PER DESEIN PLOT PLAN 111–29–0200 R1 DT. 31.12.14 RECD. VDE MAIL DTD. 09.01.15. RAILWAY MARSHALLING YARD WILL BE UPDATED AS PER THE DRGS. FURNISHED BY CUSTOMER.
7. BOUNDARY WALL AND DIVERSION OF EXISTING ROADS, NALLAHS, WATER STREAMS & CANALS ARE IN CUSTOMER SCOPE.
8. RIVER WATER INTAKE UPTO IN–PLANT WATER RESERVOIR IS IN CUSTOMER SCOPE.
9. GREEN BELT (CUSTOMER SCOPE) IS SHOWN INDICATIVELY.

LEGENDS:

AREA BOUNDARY
ROAD
RIVER, STREAM
DGPS POINT WITH MSL LEVEL — DGPS-5 62.556
VILLAGE
PIPE/CABLE RACK
GREEN BELT

NORTH





PLAN FOR ASH DYKE & GODAVARI RIVER
(SCALE 1:12000)

CUSTOMER	TELANGANA STATE POWER GENERATION CO. LTD.
CUSTOMER'S CONSULTANT	DESEIN PRIVATE LIMITED
JOB No. 411	BHADRADRI TPS, UNITS # 1 TO 4 (4X270 MW), MANUGURU, KHAMMAM DISTRICT
STATUS CONTRACT	
DISTRIBUTION	

TO					
No.OF T					
REV	DATE	ALTD	CHD	APPD	
01	21.05.2015	RK	LKJ/SPV	JJ	

REV	DATE	ALTD	CHD	APPD

1. DRG. REVISED CONSIDERING DESEIN COMMENTS VIDE LETTER NO. HYD/017 DA. 30.04.15.
2. FACILIES No. 2.10, 2.11, 5.1, 5.2, 5.3, 5.4, 5.5, 5.7, 6.1, 6.2 & 6.3 RELOCATED.
3. C.L. OF MAIN PLANT ROADS INCORPORATED.
4. STORAGE SHEDS SHOWN AS FACILITY No. 6.5.
5. FACILITIES 5.3, 5.4 & 5.5 SHOWN AS 1No. FOR ALL UNITS.
6. ACW PUMPS ACCOMMODATED IN CWPH.
7.

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

DEPT CODE		NAME	SIGN	DATE
M	DRN	RK	–Sd–	24.04.15
	DESN	RK	–Sd–	24.04.15
	CHD	LKJ/SPV	–Sd–	24.04.15
	APPD	JJ	–Sd–	24.04.15

TITLE

PLOT PLAN

MPL	C	MSE	I	MAX	E	DEPT.	SCALE 1:3000	DRAWING No.
						SIGN		PE–DG–411–100–M001
						DATE		SHEET 1 OF 1 REV. 01

SIZE–A0

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