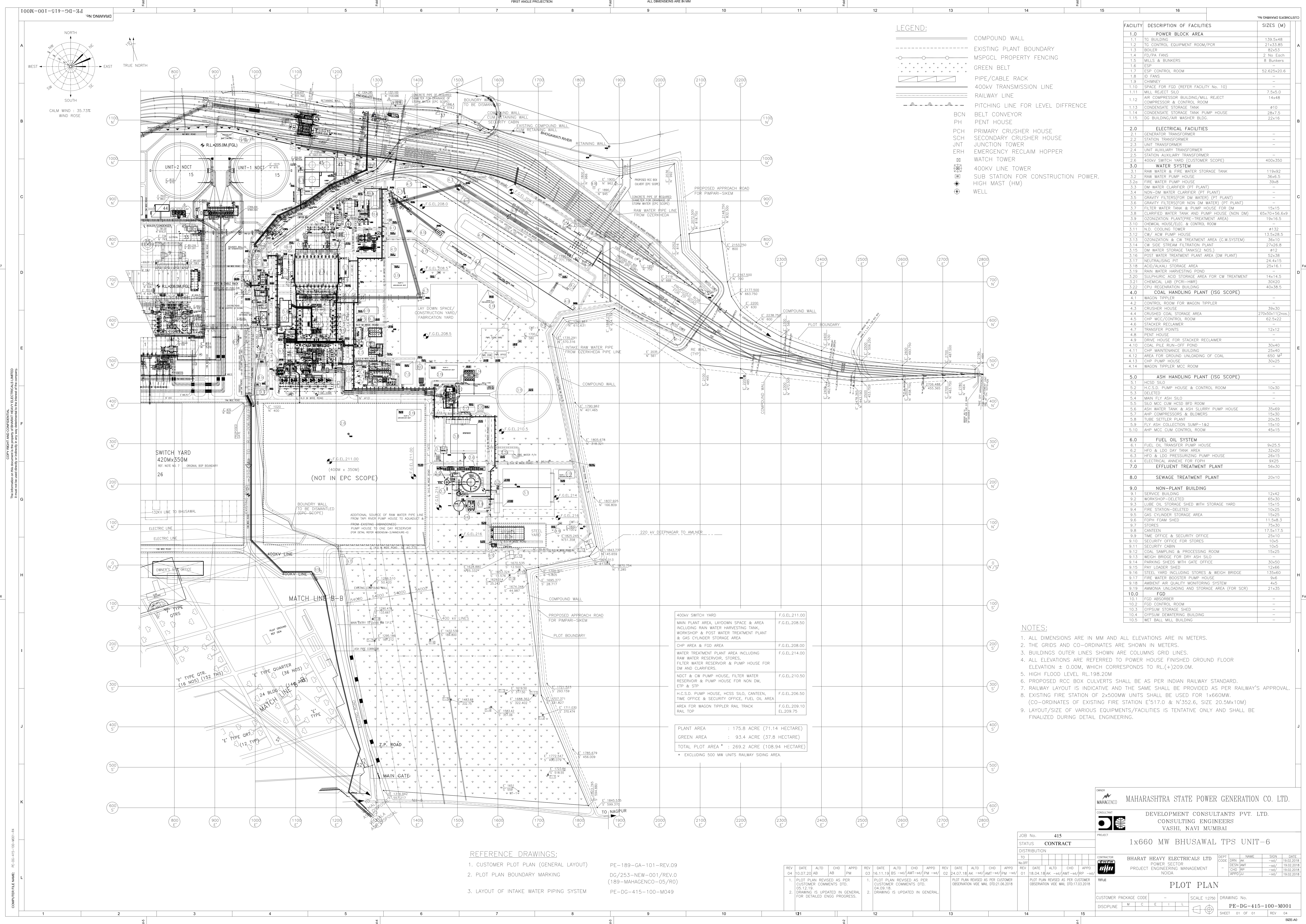




- LEGEND:**
- COMPOUND WALL
 - EXISTING PLANT BOUNDARY
 - MSPGL PROPERTY FENCING
 - GREEN BELT
 - PIPE/CABLE RACK
 - 400KV TRANSMISSION LINE
 - RAILWAY LINE
 - PITCHING LINE FOR LEVEL DIFFERENCE
 - BELT CONVEYOR
 - PENT HOUSE
 - PRIMARY CRUSHER HOUSE
 - SECONDARY CRUSHER HOUSE
 - JUNCTION TOWER
 - EMERGENCY RECLAIM HOPPER
 - WATCH TOWER
 - 400KV LINE TOWER
 - SUB STATION FOR CONSTRUCTION POWER.
 - HIGH MAST (HM)
 - WELL

FACILITY	DESCRIPTION OF FACILITIES	SIZES (M)
1.0	POWER BLOCK AREA	
1.1	TG BUILDING	139.5x48
1.2	TG CONTROL EQUIPMENT ROOM/PCR	21x33.85
1.3	BOILER	82x53
1.4	TD/PA FANS	2 No. 8000
1.5	MILLS & BUNKERS	8 Bunkers
1.6	ESP	—
1.7	ESP CONTROL ROOM	52.625x20.6
1.8	ID FANS	—
1.9	CHIMNEY	—
1.10	SPACE FOR FGD (REFER FACILITY No. 10)	—
1.11	MILL REJECT SILO	7.5x5.0
1.12	AIR COMPRESSOR BUILDING/MILL REJECT COMPRESSOR & CONTROL ROOM	14x48
1.13	CONDENSATE STORAGE TANK	ø10
1.14	CONDENSATE STORAGE TANK PUMP HOUSE	28x7.5
1.15	DG BUILDING/AIR WASHER BLDG.	22x16
2.0	ELECTRICAL FACILITIES	
2.1	GENERATOR TRANSFORMER	—
2.2	STATION TRANSFORMER	—
2.3	UNIT TRANSFORMER	—
2.4	UNIT AUXILIARY TRANSFORMER	—
2.5	STATION AUXILIARY TRANSFORMER	—
2.6	400KV SWITCH YARD (CUSTOMER SCOPE)	400x350
3.0	WATER SYSTEM	
3.1	RAW WATER & FIRE WATER STORAGE TANK	119x92
3.2	RAW WATER PUMP HOUSE	36x6.5
3.2a	FIRE WATER PUMP HOUSE	39x8
3.3	DM WATER CLARIFIER (PT PLANT)	—
3.4	NON-DM WATER CLARIFIER (PT PLANT)	—
3.5	GRAVITY FILTERS(FOR DM WATER) (PT PLANT)	—
3.6	GRAVITY FILTERS(FOR NON DM WATER) (PT PLANT)	—
3.7	FILTER WATER TANK & PUMP HOUSE FOR DM	15x15
3.8	CLARIFIED WATER TANK & PUMP HOUSE (NON DM)	65x70+56.6x9
3.9	OZONATION PLANT(FIRE-TREATMENT AREA)	19x16.5
3.10	CHEMICAL HOUSE/ELEC. & CONTROL ROOM	—
3.11	N.D. COOLING TOWER	ø132
3.12	CW/ ACW PUMP HOUSE	13.5x28.5
3.13	OZONIZATION & CW TREATMENT AREA (C.W.SYSTEM)	16x10
3.14	CW SIDE STREAM FILTRATION PLANT	27x26.8
3.15	DM WATER STORAGE TANKS(2 NOS.)	ø12
3.16	POST WATER TREATMENT PLANT AREA (DM PLANT)	52.3x8
3.17	NEUTRALISING PIT	24.4x15
3.18	ACID/ALKALI STORAGE AREA	25x16.1
3.19	RAIN WATER HARVESTING POND	14x14.5
3.20	SULPHURIC ACID STORAGE AREA FOR CW TREATMENT	30x20
3.21	CHEMICAL LAB (PCR-HWR)	40x36.5
4.0	COAL HANDLING PLANT (ISG SCOPE)	
4.1	WAGON TIPLER	—
4.2	CONTROL ROOM FOR WAGON TIPLER	—
4.3	CRUSHER HOUSE	39x30
4.4	CRUSHED COAL STORAGE AREA	270x50x1(2nos.)
4.5	CHP MCC/CONTROL ROOM	62.5x22
4.6	STACKER RECLAIMER	—
4.7	TRANSFER POINTS	12x12
4.8	PENT HOUSE	—
4.9	DRIVE HOUSE FOR STACKER RECLAIMER	—
4.10	COAL PILE RUN-OFF POND	30x40
4.11	CHP MAINTENANCE BUILDING	25x40
4.12	AREA FOR GROUND UNLOADING OF COAL	650 M²
4.13	CHP PUMP HOUSE	30x25
4.14	WAGON TIPLER MCC ROOM	—
5.0	ASH HANDLING PLANT (ISG SCOPE)	
5.1	H.C.S.D. SILO	—
5.2	H.C.S.D. PUMP HOUSE & CONTROL ROOM	10x30
5.3	DELETED	—
5.4	MAIN FLY ASH SILO	—
5.5	SILO MCC CUM H.C.S.D. BFD ROOM	—
5.6	ASH WATER TANK & ASH SLURRY PUMP HOUSE	35x69
5.7	AHP COMPRESSORS & BLOWERS	15x30
5.8	TUBE SETTLER PLANT	20x35
5.9	FLY ASH COLLECTION SUMP-1&2	15x10
5.10	AHP MCC CUM CONTROL ROOM	48x15
6.0	FUEL OIL SYSTEM	
6.1	FUEL OIL TRANSFER PUMP HOUSE	9x25.5
6.2	HFO & LDO DAY TANK AREA	32x20
6.3	HFO & LDO PRESSURIZING PUMP HOUSE	28x15
6.4	ELECTRICAL ANNEXE FOR FOHP	9x25
7.0	EFFLUENT TREATMENT PLANT	56x30
8.0	SEWAGE TREATMENT PLANT	20x10
9.0	NON-PLANT BUILDING	
9.1	SERVICE BUILDING	12x42
9.2	WORKSHOP-DELETED	65x30
9.3	LUBE OIL STORAGE SHED WITH STORAGE YARD	15x15
9.4	FIRE STATION-DELETED	10x25
9.5	GAS CYLINDER STORAGE AREA	15x25
9.6	FOPM FOAM SHED	11.5x8.3
9.7	STORES	7x30
9.8	CANTEEN	17.5x17.5
9.9	TIME OFFICE & SECURITY OFFICE	25x10
9.10	SECURITY OFFICE FOR STORES	10x5
9.11	SECURITY CABIN	10x5
9.12	COAL SAMPLING & PROCESSING ROOM	15x25
9.13	WEIGH BRIDGE FOR DRY ASH SILO	30x50
9.14	PARKING SHEDS WITH GATE OFFICE	12x66
9.15	STEEL YARD INCLUDING STORES & WEIGH BRIDGE	135x60
9.16	FIRE WATER BOOSTER PUMP HOUSE	9x6
9.17	AMBIENT AIR QUALITY MONITORING SYSTEM	4x5
9.18	AMMONIA UNLOADING AND STORAGE AREA (FOR SCR)	21x35
10.0	FGD	
10.1	FGD ABSORBER	—
10.2	FGD CONTROL ROOM	—
10.3	GYPSPUM STORAGE SHED	—
10.4	GYPSPUM DEWATERING BUILDING	—
10.5	WET BALL MILL BUILDING	—

- NOTES:**
- ALL DIMENSIONS ARE IN MM AND ALL ELEVATIONS ARE IN METERS.
 - THE GRIDS AND CO-ORDINATES ARE SHOWN IN METERS.
 - BUILDINGS OUTER LINES SHOWN ARE COLUMNS GRID LINES.
 - ALL ELEVATIONS ARE REFERRED TO POWER HOUSE FINISHED GROUND FLOOR ELEVATION ± 0.00M, WHICH CORRESPONDS TO RL(+209.0M).
 - HIGH LEVEL RL-198.20M
 - PROPOSED RCC BOX CULVERTS SHALL BE AS PER INDIAN RAILWAY STANDARD.
 - RAILWAY LAYOUT IS INDICATIVE AND THE SAME SHALL BE PROVIDED AS PER RAILWAY'S APPROVAL.
 - EXISTING FIRE STATION OF 2x500MW UNITS SHALL BE USED FOR 1x660MW. (CO-ORDINATES OF EXISTING FIRE STATION E'517.0 & N'352.6, SIZE 20.5Mx10M)
 - LAYOUT/SIZE OF VARIOUS EQUIPMENTS/FACILITIES IS TENTATIVE ONLY AND SHALL BE FINALIZED DURING DETAIL ENGINEERING.

REFERENCE DRAWINGS:

1. CUSTOMER PLOT PLAN (GENERAL LAYOUT)	PE-189-GA-101-REV.09
2. PLOT PLAN BOUNDARY MARKING	DG/253-NEW-001/REV.0 (189-MAHAGENC0-05/RO)
3. LAYOUT OF INTAKE WATER PIPING SYSTEM	PE-DG-415-100-M049

REV	DATE	ALTD	CHD	APPD	PM	REV	DATE	ALTD	CHD	APPD	PM	REV	DATE	ALTD	CHD	APPD	PM
04	10.07.20	AB	AB			03	16.11.19	BS	-sd	AMT	-sd	02	24.07.18	AK	-sd	AMT	-sd
1. PLOT PLAN REVISED AS PER CUSTOMER COMMENTS DTD. 05.12.19.																	
2. DRAWING IS UPDATED IN GENERAL FOR DETAILED ENGINEERING PROGRESS.																	

OWNER MAHAGENC0		MAHARASHTRA STATE POWER GENERATION CO. LTD.	
CONSULTANT DEVELOPMENT CONSULTANTS PVT. LTD.		CONSULTING ENGINEERS YASHI. NAVI MUMBAI	
PROJECT 1x660 MW BHUSAWAL TPS UNIT-6		CONTRACTOR BHARAT HEAVY ELECTRICALS LTD	
JOB No. 415		STATUS CONTRACT	
DISTRIBUTION		DEPT CODE 18	
TO		NAME POWER SECTOR	
FROM		SIGN 18.02.2018	
BY		DATE 18.02.2018	
DATE		DATE	
ALTD		ALTD	
CHD		CHD	
APPD		APPD	
PM		PM	
TITLE PLOT PLAN		CUSTOMER PACKAGE CODE -	
DISCIPLINE M C E L L		SCALE 1:250	
DRAWING No. PE-DG-415-100-M001		SHEET 01 OF 01	
REV 04		REV 04	

COMPUTER FILE NAME: PE-DG-415-100-M001-04