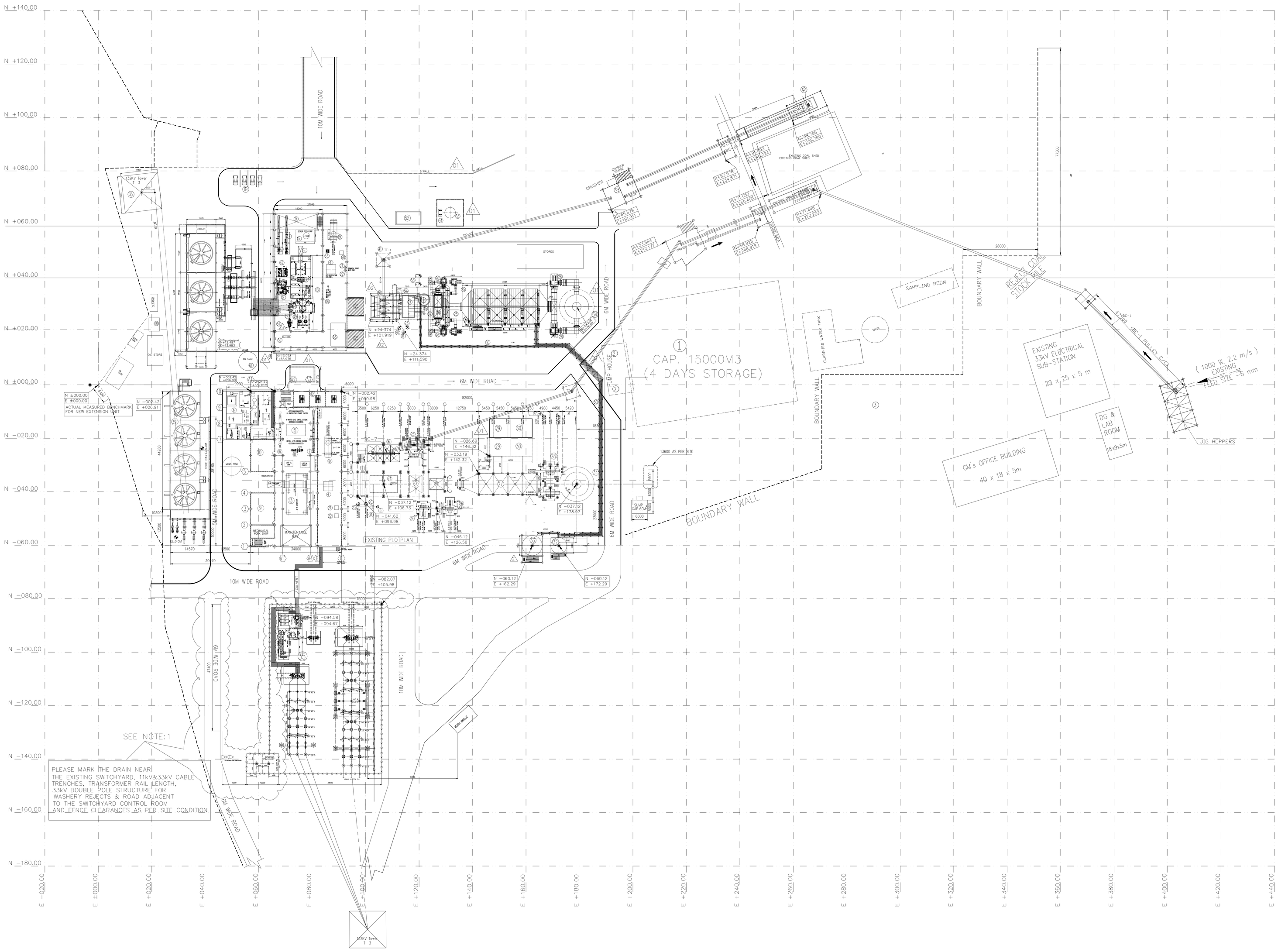

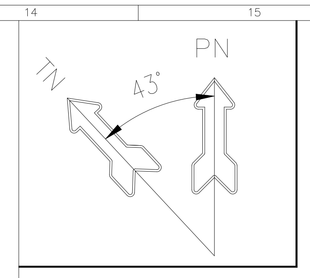

NOTE:

1. ALL DIMENSIONS ARE IN mm
2. EXTENSION UNIT COAL HANDLING PLANT
   a. REFERENCE TAKEN FROM EXISTING CENTER LINE OF GROUND HOPPER
   b. ACBPL TO CHECK WHEATHER THE NEWLY LOCATED GROUND HOPPER UPTO CRUSHER HOUSE IS FOULING WITH ANY EXISTING MEMBER, COLUMN OR COAL SHED AT SITE. KINDLY SEND EXISTING COAL SHED DETAIL DRAWING WITH PLAN.
   c. THE CONVEYOR FROM NEW CRUSHER HOUSE TO TRANSFER POINT AND TO BOILER BUNKER ARE INDICATIVE ONLY. THE SAME TO BE REVIEW AFTER GETTING THE DETAIL FROM BOILER VENDOR(SICHUAN)
   d. THE EXTENSION COAL HANDLING PLANT IS DECIDED BASED ON SITE MEASURMENT DURING SITE VISIT
3. SWITCHYARD DETAIL REFER DRAWING NO.2-8860-400-003
4. ALL EXISTING PLANT BOP(DM PLANT, COOLING TOWER, ASH HANDLING AND BTG PACKAGE AUXILIARIES) ARE SHOWN. THESE MAY UNDER GO CHANGE BASED ON BTG AND OTHER BOP VENDOR DETAILS AEC WILL INCORPORTE THE SAME ACCORDINGLY

LEGENDS:

S.NO	DESCRIPTION	REMARKS
1	TURBINE	
2	GENERATOR	
3	GEAR BOX	
4	OVER HEAD OIL TANK	
5	DELETED	
6	GENERATOR ROTAR REMOVAL AREA	
7	COOLING TOWER	
8	MAIN OIL TANK	
9	MAINTANANCE BAY	
10	DELETED	
11	DELETED	
12	11/.415kV TRANSFORMER YARD	
13	TG HALL	
14	DELETED	
15	BOILER FEED PUMP (EL+0.00M)	
16	LP HEATER (EL.+XXM) (VERTICAL)	
17	HP HEATER (EL.+0.0M)	
18	EJECTOR(EL.+4.0M)	
19	DEAERATOR	
20	CBD TANK (EL.0.0M)	
21	DRINKING WATER TANK (EL.+20.0M)	
22	SERVICE WATER TANK (EL.+20.0M)	
23	INTERMITTENT BLOW DOWN TANK (EL.0.0M)	
24	BOILER HOUSE	
25	PA FAN	2 NOS
26	SA FAN	2 NOS
27	ESP	
28	ID FAN	2 NOS
29	ESP CONTROL ROOM	
30	AHP & CHP CONTROL ROOM	
31	CBD,IBD TANK DRAIN PIT & PUMP	
32	BED ASH SILO (EXISTING)	
33	FLY ASH SILO (EXISTING)	
34	CHIMNEY	
35	132 KV SWITH YARD	
36	BUNKER	
37	ECONOMISER	
38	AIR HEATER	
39	CRUSHER HOUSE	
40	GROUND HOPPER	
41	TRANSFER TOWER	
42	LUBE OIL COOLER,FILTER & PUMP SKIT	
43	GLAND STEAM CONDENSER(EL.0.0M)	
44	COOLING WATER PIPES	
45	DELETED	
46	PRDS	
47	CT FAN	
48	COOLING TOWER PANEL ROOM	
49	CONDENSATE EXT. PUMP(CEP) (EL.-1.5M)	
50	ASH CONVEYING PIPE RACK	
51	INST. AIR COMPRESSOR ROOM	
52	EMERGENCY DG SET	
53	HSD STORAGE TANK	20KL
54	HSD TRANSFER PUMP	
55	SIPHON AIR BOOSTER FAN	
56	SERVICE AIR COMPRESSOR	
57	DELETED	
58	BED ASH CW EXPANSION TANK(EL.+9.0M)	
59	MAIN COOLING WATER PUMP	
60	AUXILIARY COOLING WATER PUMP	
61	DM WATER STORAGE TANK	
62	DELETED	
63	LP DOSING SKIT	
64	SURFACE CONDENSER	
65	P & V SYSTEM	
66	CAR PARKING	
67	BED ASH COOLER	

- PIPE/CABLE TRENCH
- PIPE / CABLE RACK
- KERB WALL
- DRAIN TRENCH

REV	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
02	30.11.2011	2. BUNKER BAY DIMENSION CHANGED	D.K	R.R	K.A.G
01	21.11.2011	1.RCC COOLING TOWER DIMENSION CHANGED.(AS PER VENDOR DRG.) DISTANCE BETWEEN THE EXISTING T.G BUILDING TO 2.PROPOSED T.G. BUILDING INCREASED. 3.PROPOSED CHIMNEY CENTER LINE MATCHED WITH EXISTING CHIMNEY CENTER LINE. 4.PLANT NORTH SIDE BOUNDARY WALL CHANGED AS PER SITE CONDITION. 5.SERVICE AIR COMPRESSOR RELOCATED IN TO THE T.G.BUILDING. 0.0MLVL. 6.EMERGENCY & LDO STORAGE TANK RELOCATED AS PER SITE CONDITION.	D.K	R.R	K.A.G

REVISIONS SUMMARY

PURPOSE OF ISSUE: TENDER [ ] INFORMATION [ ] REVIEW/ APPROVAL [✓] CONSTRUCTION [ ] AS-BUILT [ ]

PROJECT: 1 x 30MW THERMAL POWER PLANT (EXTN.)
CHAKABURA DISTT. KORBA, CHHATTISGARH

OWNER : ACB (INDIA) LIMITED.,
CHAKABURA DISTT. KORBA, CHHATTISGARH

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	NAME	SIGN	DATE
DRN.	D.K	D.K	22/10/11
CHKD.	R.R	R.R	24/10/11
APPD.	K.A.G	K.A.G	24/10/11

AQUATHERM
ENGINEERING CONSULTANTS (INDIA) PVT. LTD.
CHENNAI - 600 004 : INDIA

UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN mm

SCALE	CAD FILE	SIZE
1:500	–	A0

TITLE: PLOT PLAN

DRAWING NO. 0-8860-000-001 REV. 02

SHEET NO. 01 NO. OF SHT. 01