

PLANT
NORTH

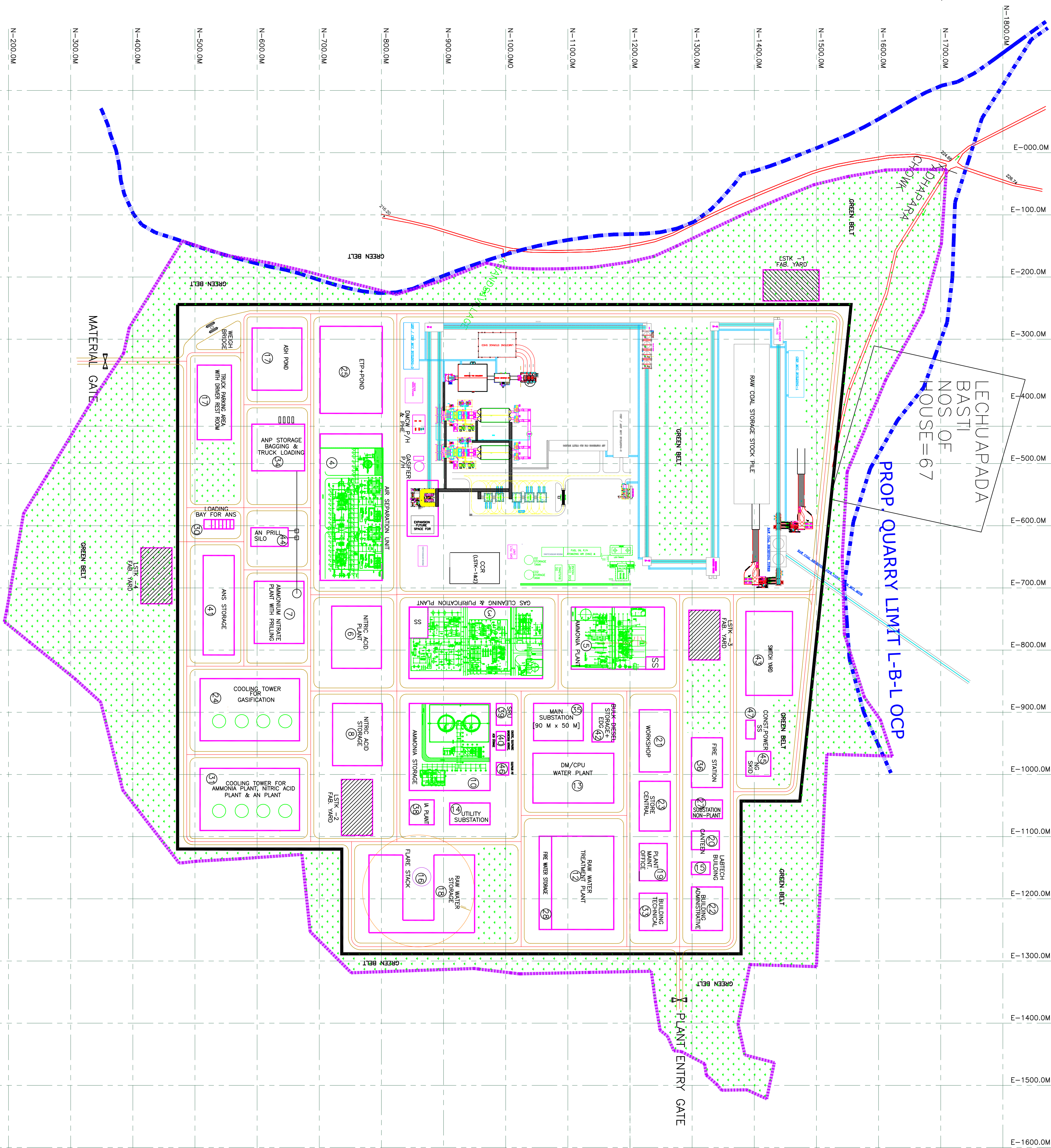
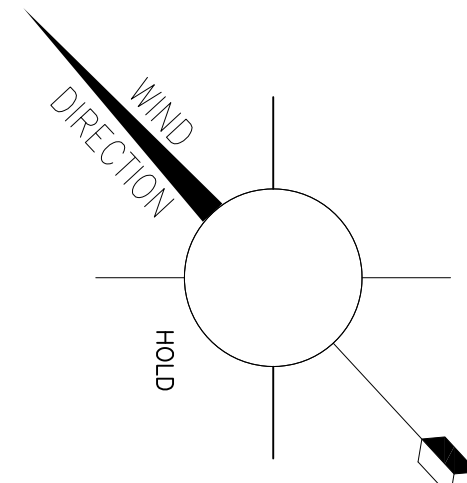
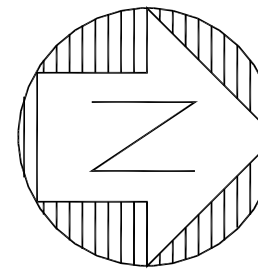


TABLE FOR FACILITIES/UNITS

S.L.NO.	BLOCK DESCRIPTION	SIZE IN METER	REMARKS
1.	COAL & LIME STORAGE	PACKAGE	
2.	GASIFICATION PLANT	PACKAGE	
3.	GAS CLEANING & PURIFICATION PLANT	215 M x 115 M	
4.	AIR SEPARATION UNIT	250 M x 100 M	
5.	AMMONIA PLANT	150 M x 100 M	
6.	NITRIC ACID PLANT	100 M x 80 M	
7.	AMMONIUM NITRATE PLANT WITH PRILLING	100 M x 80 M	
8.	NITRIC ACID STORAGE	100 M x 80 M	
9.	DELETED	-	
10.	AMMONIA STORAGE	140 M x 130 M	
11.	STEAM GENERATION PLANT	PACKAGE	
12.	RAW WATER TREATMENT PLANT	150 M x 100 M	
13.	DM/CPU WATER PLANT	130 M x 80 M	
14.	UTILITY SUBSTATION	65 M x 35 M	
15.	LAB TECH BUILDING	30 M x 20 M	
16.	FLARE STACK	R.S.M.	
17.	TRUCK PARKING AREA WITH DRIVER REST ROOM	120 M x 55 M	
18.	RAW WATER STORAGE	1600 SQ.M.	
19.	PLANT MAINT. OFFICE	60 M x 45 M	
20.	CANTEN	45 M x 30 M	
21.	WORKSHOP	100 M x 50 M	
22.	ADMINISTRATIVE BUILDING	70 M x 50 M	
23.	CENTRAL STORE	80 M x 50 M	
24.	COOLING TOWER FOR GASIFICATION AND UTILITY	160 M x 100 M	
25.	ETP+POND	140 M x 100 M	
26.	DELETED	-	
27.	NON-TECH. SUBSTATION	50 M x 30 M	
28.	FIRE WATER STORAGE	170 M x 20 M	
29.	DELETED	-	
30.	LOADING BAY (6 NOS.)	48 M x 15 M	
31.	COOLING TOWER FOR AMMONIA, NITRIC ACID AND AN PLANT	160 M x 100 M	
32.	CENTRAL CONTROL ROOM	DELETED	
33.	TECHNICAL BUILDING	80 M x 45 M	
34.	ANP STORAGE, BAGGING & TRUCK LOADING	85 M x 50 M	
35.	MAIN SUB-STATION	80 M x 60 M	
36.	FIRE STATION	80 M x 50 M	
37.	ASH SILO	PACKAGE	
38.	IA PLANT	40 M x 40 M	
39.	SRU UNIT	35 M x 25 M	
40.	MAGNESIUM NITRATE, CAUSTIC, SULPHURIC ACID STORAGE	30 M x 15 M	
41.	ANS STORAGE	180 M x 50 M	
42.	BULK DIESEL STORAGE + EOG	-	
43.	SWITCHYARD	135 M x 75 M	
44.	AN PRILL SILO	60 M x 30 M	
45.	NG SKID	40 M x 40 M	
46.	SULPHUR PIT	20 M x 20 M	
47.	CONSTRUCTION POWER SUB-STATION	30 M x 15 M	
48.	ASH POND	160 M x 120 M	

- NOTES:-
1. ALL DIMENSIONS AND COORDINATES ARE IN METERS UNLESS OTHERWISE SPECIFIED
 2. REFERENCE BENCH MARK (BM) POINTS IS W.R.T GLOBAL CO-ORDINATES HAVING N-**** & E-**** (GRID COORDINATES N-000.0M, E-000.0M).
 3. BLOCK SIZE OF FACILITIES ARE TO BE FINALIZED AFTER GETTING VENDOR INFO.
 4. * INDICATES HOLD.

LEGEND :-

PROPOSED FACILITIES
GREEN BELT AREA

TOTAL PLANT AREA WITH GREEN BELT = 350.00 ACRE (APPROX.)
PLANT AREA = 225.00 ACRE (APPROX.)
GREENBELT AREA = 125.00 ACRE (APPROX.)

ISSUED FOR
TENDER PURPOSE

P3	14.08.24	RE-ISSUED FOR TENDER	AM AS/NS PK
P2	12.07.24	RE-ISSUED FOR TENDER	AM AS/NS PK
P1	07.06.24	ISSUED FOR TENDER	AS AS/NS PK
P	22.04.24	PRELIMINARY ISSUE	AM AS/NS PK
REV.	DATE	D E S C R I P T I O N	PPD CKD APPD.
1	14/08/24	BGCL (JV OF CIL & BHEL)	
SHEET 1 OF 1			
LOCATION : MCL, LAKHANPUR AREA, JHARSUGUDA, ODISHA			
SCALE :- 1: 2500			
TITLE : PRELIMINARY LAYOUT OF COAL BASED AMMONIUM NITRATE PLANT			
DRG. No.: PC288-0000-0001			
FILE :- PC288-000-0001 REV. 13			
DRG. SIZE: A0			