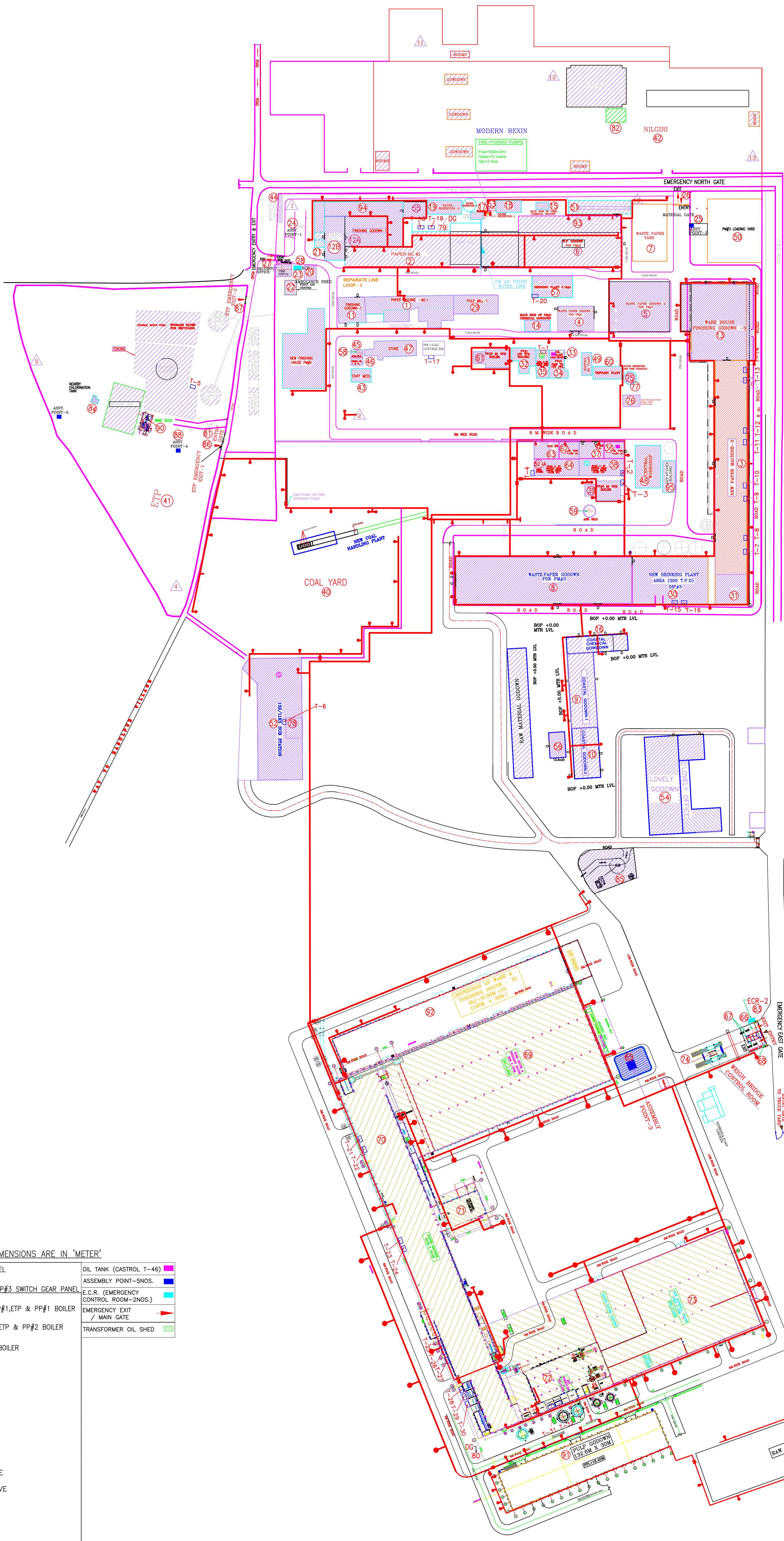


WATER SUPPLY , POWER SUPPLY & FIRE FIGHTING SYSTEM LAYOUT



S.NO.	DESCRIPTION OF BUILDING	SIZE IN Mtrs.
1.	PM #1	70X20
2.	PM #2	95X25
3.	PM #1 WASTE PAPER GODOWN-1	24.7X188.8
4.	PM #2 WASTE PAPER GODOWN	28.5X19.5
5.	PM #1 WASTE PAPER GODOWN-2	48X40
6.	PM #2 WASTE PAPER GODOWN	30.8X33.5
7.	PM #2 WASTE PAPER PAPER YARD	45X27
8.	PM #3 WASTE PAPER GODOWN	102X36.85
9.	COASTAL GODOWN-1	59X20
10.	COASTAL GODOWN-2	20.6X39.6
11.	FINISHING GODOWN-1(PAPER M/C-1)	21X20
12A.	FINISHING GODOWN-4(PAPER M/C-2)	42X18.5
12B.	FINISHING GODOWN-8(PAPER M/C-2)	18X32
13.	FINISHING GODOWN-3(PAPER M/C-3)	43X80
14.	CHEMICAL GODOWN (BACK SIDE OF PM#1) (ALUM. ULTRAPURE, TIN POL-UP LIQUID.)	20X8.7
15.	CHEMICAL GODOWN (BACK SIDE OF PM#2) (HYDROGEN PEROXIDE)	10X5.8
16.	COASTAL CHEMICAL GODOWN (SODIUM HYDROSULPHITE/HYDROGEN PEROXIDE)	48.2X13
17.	PUMP HOUSE	10X5.8
18.	RESERVOIR -1	20X9.5
19.	RESERVOIR -2	27X11
20.	AMBULANCE SHED	8.4X11.6
21.	FIRE TENDER SHED	8X6
22.	FIRST-AID	9.4X11.8
23.	ESR-1	13X5.5
24.	ASSEMBLY POINT-1	15X15
25.	ASSEMBLY POINT-2	9X9
26.	EMERGENCY EXIT/ NORTH GATE	13M.WIDTH
27.	EMERGENCY EXIT/ (MAIN GATE)	10M.WIDTH
28.	PEDESTRIAN GATE	32X17
29.	PULP MILL -1	35X15
30.	DIP#3	60X36.8
31.	CAPP	24.7X33.5
32.	P/PP#1 35 TPH BOILER	19X19
33.	PP#1 OIL TANK (3.0M LVL. FROM G.F.L.)	2.8X1.8X1.2HT.
34.	PP#1 SHW TG	12.2X15
35.	PP#1 11 KV SWITCH GEAR PANEL ROOM (G. FL.)	22X10.5
36.	PP#2 OIL TANK (3.0M LVL. FROM G.F.L.)	3.5X2.2X1.5HT.
37.	PP#2 15 MW TG	21X18.5
38.	PP#2 11 KV SWITCH GEAR PANEL ROOM+5.0M LVL.	14.8X26.5
39.	PP#2 85 TPH BOILER	20X16
40.	COAL YARD	150X117
41.	ETP	250X125
42.	NILGIRI	305X100
43.	STAFF MESS	15.8X10.6
44.	WORKERS CANTEN	23X3.75
45.	ADM. BUILDING	9X6
46.	CENTRAL LAB.	9X6
47.	STORES	40X12
48.	CENTRAL WORKSHOP	20X33.8
49.	RO PLANT	8X16
50.	PM#3 LOADING YARD	43X50
51.	PM#2 BACK SIDE WASTE PAPER GODOWN	18X10.7
52.	132/11 KV SUB STATION	58X46
53.	JOCKEY PUMP-1	19.8X70, 20X11
54.	LOVELY GODOWN-1	10.0X20.0
55.	FINISHING GODOWN (PM-2)	12.5X20
56.	LOVELY GODOWN-2	32X17
57.	DIP#1	
58.	WIND SOCK (ADM. BUILDING)	
59.	WIND SOCK (ASH SLO 15MM)	
60.	TERTIARY PLANT FIRE FIGHTING SYSTEM	38X15
61.	PP#3 65 TPH BOILER	27.5X18.5
62.	PP#3 OIL TANK	3.5X3X1.5HT.
63.	PP#3 10.5 MW TG	13.5X19.5
64.	PP#1 11 KV SWITCH GEAR PANEL ROOM	
65.	ASSEMBLY POINT-3 (BOARD MILL)	
66.	WIND SOCK (BOARD MILL)	
67.	MAIN GATE (BOARD MILL)	6X15
68.	PEDESTRIAN GATE (BOARD MILL)	2X15
69.	FINISHING HOUSE (BOARD MILL)	150X80
70.	MACHINE HOUSE (BOARD MILL)	30X34.2
71.	COCK (BOARD MILL)	30X30
72.	SFT (BOARD MILL)	30X34.2
73.	RAW-MATERIAL HOUSE (BOARD MILL)	125X80
74.	WEIR BROOK (BOARD MILL)	16.5X12
75.	WATER RESERVOIR (BOARD MILL)	30X13
76.	PUMP HOUSE, HYDRANT PUMP & DIESEL PUMP(BOARD MILL)	4X5
77.	JOCKEY PUMP-2 (TERTIARY PLANT)	
78.	TRANSFORMER 16/20 MVA, 132/11KV SUBSTATION	12X15
79.	DO SET-1, 250KVA (BACK SIDE OF PM#2)	6.0X4.0
80.	DO SET-2, 20KV (BOARD MILL)	
81.	ENTRY GATE (ETP)	6M. WIDTH
82.	TRANSFORMER OIL SHED (INSIDE OF NILGIRI)	7.0X5.0
83.	ESR-2 (MAIN GATE OF BOARD MILL)	12.0X9.0
84.	CHLORINATION TANK SHED	8.0X5.5
85.	DIESEL TANK AREA	30.0X30.0
86.	ETP EMERGENCY EXIT-1	3M. WIDTH
87.	ETP EMERGENCY EXIT-2	3M. WIDTH
88.	ASSEMBLY POINT-4	
89.	ASSEMBLY POINT-5	
90.	WIND SOCK (ETP)	
91.	PULP GODOWN (BM-4)	132.6X30.0
92.	EXTENSION OF WARE & FINISHING HOUSE -II (BM-4)	192.0X30.0
93.	PULP GODOWN (PM-2)	85.0X11.5
94.	SHELTER OF PM-2	62.0X12.0
95.	SIZE KITCHEN BUILDING OF PM-3	25.0X10.0

S.NO.	DESCRIPTION OF BUILDING	LOCATION NO/ SL. NO	SIZE IN Mtrs.
1.	PM#1 WASTE PAPER GODOWN	4	28.5X19.5
2.	PM#1 WASTE PAPER YARD	5	60.0X42.0
3.	PM#2 WASTE PAPER GODOWN	6	80.6X33.6
4.	PM#2 WASTE PAPER PAPER YARD	7	45.0X27.0
5.	PM#3 WASTE PAPER GODOWN	8	102.0X36.85
6.	FINISHING GODOWN-1(PAPER M/C-1)	11	21.0X20.0
7.	FINISHING GODOWN-4(PAPER M/C-2)	12A	42.0X18.5
8.	FINISHING GODOWN-8(PAPER M/C-2)	12B	18.0X32.0
9.	FINISHING GODOWN-3	13	43.0X80.0
10.	PP#1 OIL TANK (3.0M LVL. FROM G.F.L.)	33	2.8X1.8X1.2HT.
11.	PP#2 OIL TANK (3.0M LVL. FROM G.F.L.)	36	3.5X2.2X1.5HT.
12.	COAL YARD	40	150.0X117.0
13.	PM#2 BACK SIDE WASTE PAPER GODOWN	51	48.0X10.7
14.	FINISHING GODOWN (PM-2)	55	10.0X20.0
15.	PP#3 OIL TANK	62	3.5X3X1.5HT.
16.	FINISHING HOUSE (BOARD MILL)	69	150.0X80.0
17.	RAW-MATERIAL HOUSE (BOARD MILL)	73	125.0X80.0
18.	TRANSFORMER OIL SHED (INSIDE OF NILGIRI)	82	7.0X5.0
19.	CHLORINATION TANK SHED	84	8.0X5.5
20.	DIESEL TANK AREA	85	30.0X30.0

SL. NO.	SL. NO.	TYPE	CAPACITY	LOCATION	CONSERVATOR DIMENSION
T-1	02578	ONAN	2000KVA	POWER PLANT -1	0.4M(DA)X1.0M HT.
T-2	2000/17	ONAN	2000KVA	POWER PLANT -2	0.4M(DA)X1.25M HT.
T-3	5000/105	ONAN	5000KVA	POWER PLANT -2	0.46M(DA)X1.5M HT.
T-4	2500/24	ONAN	2500KVA	POWER PLANT -3	0.4M(DA)X1.25M HT.
T-5	1600/62	ONAN	1600KVA	ETP	0.3M(DA)X1.0M HT.
T-6	626000089	ONAN/	16/20MVA	132KV SUBSTATION	2550X1200mm
T-7	2000/18	ONAN	2000KVA	STOCK PREP.	380(DA)X1.22M HT.
T-8	5000/106	ONAN	5000KVA	VAC. PUMPS	0.46M(DA)X1.52M HT.
T-9	2500/25	ONAN	2500KVA	DSU DRIVES	0.4M(DA)X1.22M HT.
T-10	2500/26	ONAN	2500KVA	TSU DRIVES	0.4M(DA)X1.22M HT.
T-11	2000/16	ONAN	2000KVA	PAPER M/C AUX.	0.38M(DA)X1.22M HT.
T-12	2000/15	ONAN	2000KVA	FINISHING HOUSE	0.38M(DA)X1.22M HT.
T-13	1600/61	ONAN	1600KVA	REWINDER	0.3M(DA)X1.03M HT.
T-14	600/92	ONAN	600KVA	REEL WRAPPING	0.3M(DA)X1.03M HT.
T-15	2500/22	ONAN	2500KVA	DIP-3-1	0.4M(DA)X1.22M HT.
T-16	2500/123	ONAN	2500KVA	DIP-3-2	0.4M(DA)X1.22M HT.
T-17	02581	ONAN	2000KVA	PM-1	0.4M(DA)X1.3M HT.
T-18	828249	ONAN	2000KVA	PM-2	0.4M(DA)X1.3M HT.
T-19	828247	ONAN	2000KVA	PM-2	0.4M(DA)X1.3M HT.
T-20	2000/13	ONAN	2000KVA	DIP-1	0.4M(DA)X1.3M HT.
T-21	DT-4678/1	ONAN	2.5MVA	M/C BACKSIDE	0.5M(DA)X1.08M HT.
T-22	5047346	ONAN	2.0MVA	M/C BACKSIDE	0.4M(DA)X1.10M HT.
T-23	MT-7725/01	ONAN	5.0MVA	M/C BACKSIDE	0.6M(DA)X1.5M HT.
T-24	DT4680/1	ONAN	2.5MVA	M/C BACKSIDE	0.5M(DA)X1.08M HT.
T-25	DT4679/1	ONAN	2.5MVA	M/C BACKSIDE	0.5M(DA)X1.08M HT.
T-26	DT4681/2	ONAN	2.5MVA	M/C BACKSIDE	0.5M(DA)X1.08M HT.
T-27	DT4681/2	ONAN	2.5MVA	M/C BACKSIDE	0.5M(DA)X1.08M HT.
T-28	1920134012336	ONAN	2.0MVA	M/C BACKSIDE	0.5M(DA)X1.08M HT.
T-29	4475/14-15	ONAN	2.0MVA	M/C BACKSIDE	DRY TYPE TRANSFORMER
T-30	DT-4904/1	ONAN	2.0MVA	M/C BACKSIDE	0.5M(DA)X1.05M HT.
T-31	460-6345-7DC	AN	2.2MVA	SFT BACK SIDE	DRY TYPE TRANSFORMER
T-32	270201	AN	2.0MVA	SFT BACK SIDE	DRY TYPE TRANSFORMER

NOTES:- ALL WRITTEN DIMENSIONS ARE IN 'METER'

11KV OUTGOING TO 52-A GRID PANEL	OIL TANK (CASTROL T-46)
52	ASSEMBLY POINT-SNOS.
11KV OUTGOING TO PP#1,PP#2 & PP#3 SWITCH GEAR PANEL	E.C.R. (EMERGENCY CONTROL ROOM-2NOS.)
52-A	EMERGENCY EXIT / MAIN GATE
11KV OUTGOING TO PM#1, PM#2, DIP#1,ETP & PP#1 BOILER	TRANSFORMER OIL SHED
35	
11KV OUTGOING TO PM#3, DIP#3, ETP & PP#2 BOILER	
38	
11KV OUTGOING TO BM#4 & PP#3 BOILER	
64	
PUMP HOUSE	
17	
PUMP HOUSE (BOARD PLANT)	
76	
BORE WELL POINT	
HYDRANT PIPE LINE	
JOCKEY PUMP	
HYDRANT VALVE=153 NOS.	
TRANSFORMER- 32 NOS.	
SINGLE HEADED HYDRANT VALVE	
DOUBLE HEADED HYDRANT VALVE	
CHLORINATION TANK	
DIESEL TANK	
B.O.P- BOTTOM OF PIPE	

ALL DIMENSIONS ARE IN MM

SCALE:- 1:1500

EMAMI PAPER MILLS LTD, BALASORE
DRAWING & DESIGN OFFICE