



TERMINAL POINT DETAILS:

TP1	HP STEAM EXPORT, LP STEAM EXPORT DM WATER, RETURN CONDENSATE, BLOW DOWN SERVICE WATER	1 NO. EACH	ZONE K-13	NEAR TO CONDENSATE TANK
TP2	NATURAL GAS	1 NO. EACH	ZONE D-10	NEAR TO GAS CONDITIONING SKIDS
TP4	HSD FUEL SUPPLY, HSD RECIRCULATION	1 NO. EACH	ZONE E-6	NEAR TO FUEL FORWARDING SKID

EQUIPMENT LIST :

EQPT. NO.	DESCRIPTION	SIZE
1	GAS TURBINE	
2	GENERATOR	
3	HRSG	
4	BY PASS STACK	
5	HRSG CHIMNEY	
6	DEAERATOR	
7	HP BOILER FEED PUMPS	
8	IA SYSTEMS	
9	DELETED	
10	GAS CONDITIONING SKIDS	
11	DRAIN TANK	
12	CONDENSATE TANK	
13	CONDENSATE TRANSFER PUMP	
14	COOLING WATER MODULE	
15	CONTROL ROOM	
16	FUEL FORWARDING SKID	

Layout
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PRELIMINARY

REF DWG:-

- GA OF GTG : 1-308-085-XXXX
- OVERALL PLOTPLAN FURNISHED BY MSIL (WITHOUT NUMBER)
- GA OF COOLING WATER MODULE : 1-187-000-XXX
- GA OF HRSG : 0-00-581-83474-800

NOTES:-

- ALL DIMENSIONS ARE IN mm. UNTIL UNLESS STATED.
- EXISTING SWITCH GEAR ROOM CORNER IS CONSIDERED AS THE REFERENCE POINT AND ALL THE DIMENSIONS ARE TO BE MARKED ACCORDINGLY.
- DIMENSION OF GCS, DRAIN TANK, HSD FILTER SKIDS ARE TENTATIVE AND SHALL BE FINALISED BASED VENDOR DRAWINGS.

CUSTOMER :		MARUTI SUZUKI INDIA LIMITED MANESAR, GURGOAN, HARYANA	
NAME OF PROJECT :		MARUTI MANESAR-II COGENERATION PLANT	
DRAWN BY :		DATE :	SCALE :
CHECKED BY :		DATE :	SCALE :
APPROVED BY :		DATE :	SCALE :
TITLE :		PLOT PLAN	
DRAWING NO. :		0-381-01-01149 0P3	
REV. NO. :		REV. NO. :	

EXISTING SWITCH GEAR
BUILDING

ROAD LEVEL = 241.0

ROAD LEVEL = 241.5

ROAD LEVEL = 241.5

BHEL MATERIAL STORAGE AREA

PIPE RACK BY M/s MSIL

PROPOSED HRSG

EXISTING GTG

FUTURE HRSG

PIPE RACK BY M/s MSIL

PIPE RACK BY M/s MSIL

HSD TANK AREA

GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HYD/30261

ACS



ROAD

PIPING BAY

CONDENSER BAY

ERECTION BAY

PLAN AT +0.00M LVL.

layout
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GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

INVENTORY NO. JCS

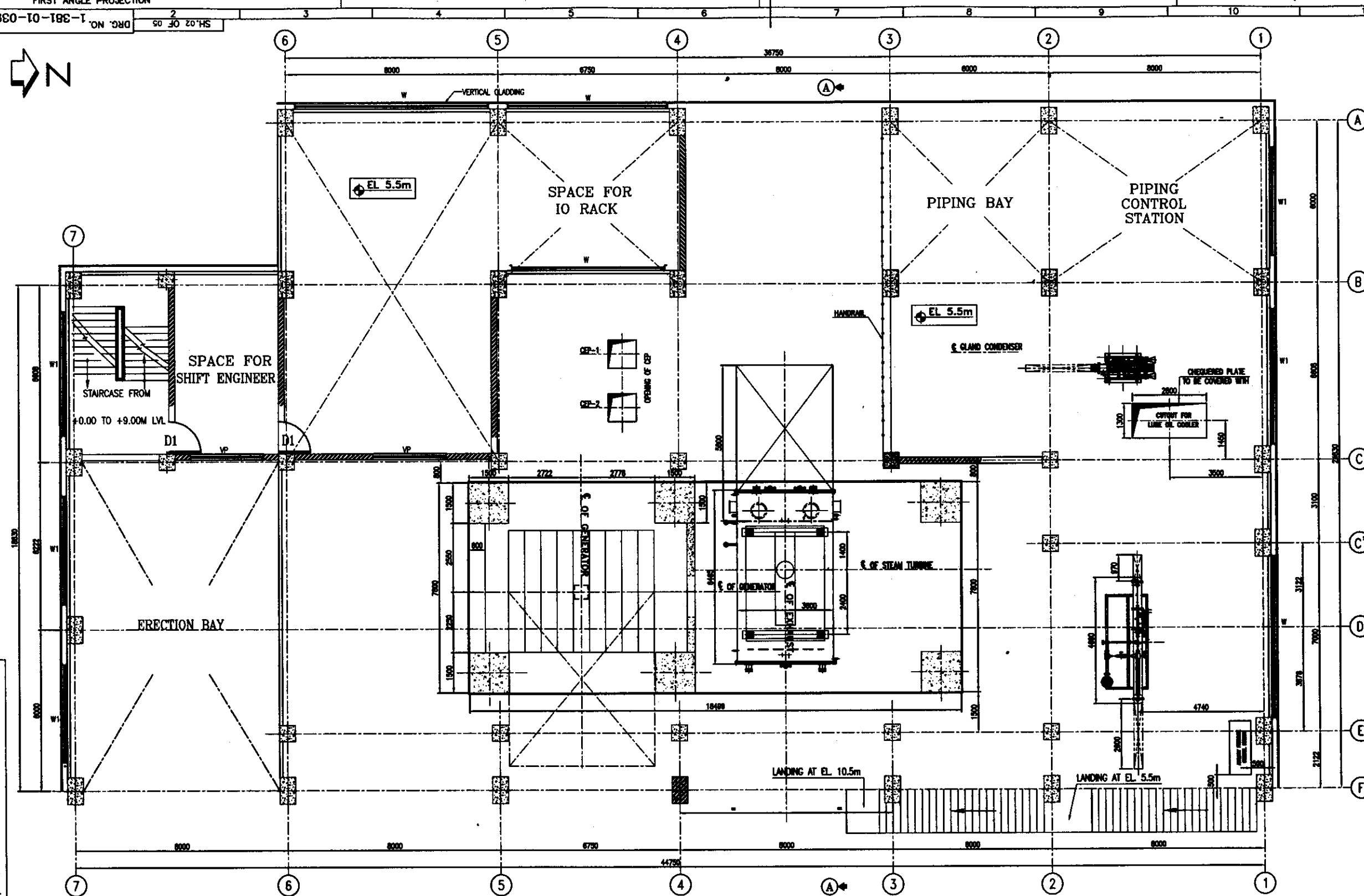
PROJECT CONSULTANT:		SPB PROJECTS AND CONSULTANCY LIMITED CHENNAI INDIA	
CLIENT:		TAMILNADU NEWSPRINT & PAPER LTD. KAGITHAPURAM, TAMILNADU	
TYPE OF PRODUCT OR		1X41MW KAGITHAPURAM	
NAME OF CUSTOMER/PROJECT		TAMILNADU NEWSPRINT & PAPER LTD.	
BHARAT HEAVY ELECTRICALS LTD. HYDERABAD		NAME: J.C.S. DATE: 04.06.10 DRN: C.H.MANOJ Sd/- DATE: 04.06.10 APPD: V.V.S.S.S Sd/- DATE: 04.06.10	
DEPT. FEEDS 450	UNTO. OMS OR Sd/-	SCALE 1:75	WEIGHT (KG) N.A
TITLE INPUT FOR TG HALL EQUIPMENT LAYOUT GROUND FLOOR PLAN AT EL. (+)0.000m		REF. TO ASSY. DRG. N.A	ITEM NO. N.A
DRAWING NO. 1-381-01-03924		REV. 00	
SHT. No 01		NO. OF SHT. 05	



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GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

REVISION NO. 1
DATE 13/06/2010
BY JCS



PLAN AT +5.50M LVL.

PROJECT CONSULTANT:		SPB PROJECTS AND CONSULTANCY LIMITED CHENNAI INDIA	
CLIENT:		TAMILNADU NEWSPRINT & PAPER LTD. KAGITHAPURAM, TAMILNADU	
TYPE OF PRODUCT OR		1X41MW KAGITHAPURAM	
NAME OF CUSTOMER/PROJECT		TAMILNADU NEWSPRINT & PAPER LTD.	
BHARAT HEAVY ELECTRICALS LTD. HYDERABAD		NAME: J.C.S. DATE: 04.06.10 NO. OF: 01 C.H. MANOJ DATE: 04.06.10 V.V.S.S.S. DATE: 04.06.10	
DEPT. P.E.S.D. CODE 430	UNITS, DIMS. GR. SCALE	SCALE 1:75	WEIGHT (KG) N.A.
TITLE INPUT FOR TG HALL EQUIPMENT LAYOUT MEZZANINE FLOOR PLAN AT EL. (+)5.500m		CARD CODE N.A.	DRAWING NO. 1-381-01-03924 00
SHT. No 02		NO. OF SHT. 05	

layout
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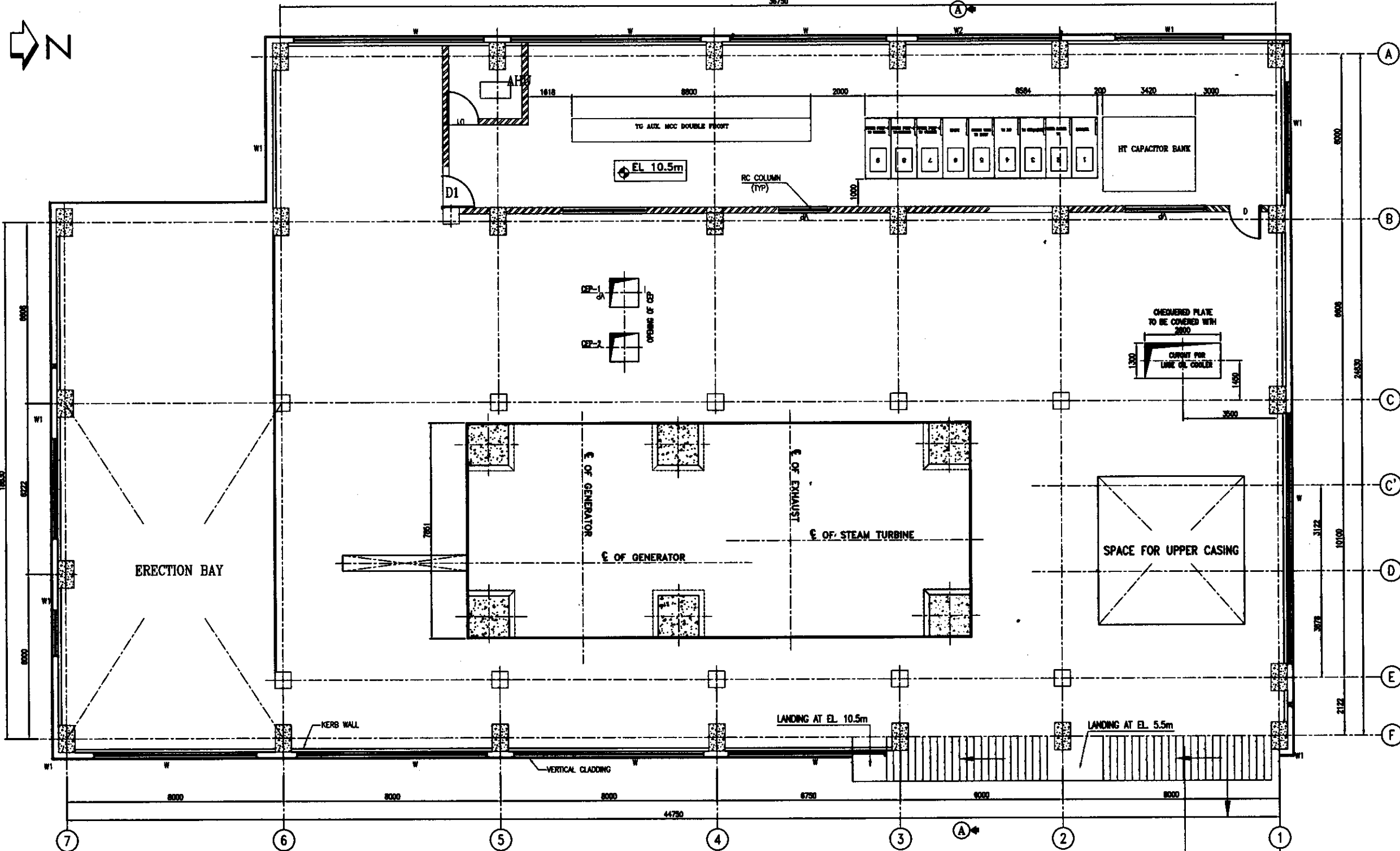
GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

INDUSTRY NO. 138103924-03-000001

18-06-2010
10:56:01

Printed by : CHOUDHARY MANOJ PCP0357 / 220365-78 on 12-07-10 07:52:41

This Drawing is printed from Engineering Digital Archive System (EDAS). Therefore signatures are not essentially required.



PLAN AT +10.50M LVL.

PROJECT CONSULTANT:		SPB PROJECTS AND CONSULTANCY LIMITED CHENNAI INDIA	
CLIENT:		TAMILNADU NEWSPRINT & PAPER LTD. KAGITHAPURAM, TAMILNADU	
TYPE OF PRODUCT		1X41MW KAGITHAPURAM	
OR		NAME OF CUSTOMER/PROJECT	
BHARAT HEAVY ELECTRICALS LTD. HYDERABAD		TAMILNADU NEWSPRINT & PAPER LTD.	
DRN	J.C.S	DATE	04.06.10
CHD	C.H.MANOJ	DATE	04.06.10
APPD	V.V.S.S.S	DATE	04.06.10
DEPT. HEAD	450	SCALE	1:75
UNTL. DMS.	450	WEIGHT (KG)	N.A
REF. TO ASSY. DRG.	N.A	ITEM NO.	N.A
TITLE		DRAWING NO.	
INPUT FOR TG HALL EQUIPMENT LAYOUT OPERATING FLOOR PLAN AT EL. (+)10.500m		1-381-01-03924	
CARD CODE	N.A	REV.	00
SH. No 03	NO. OF SH. 05		

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DRG. NO. 1-381-01-03924

SH. 05 OF 05

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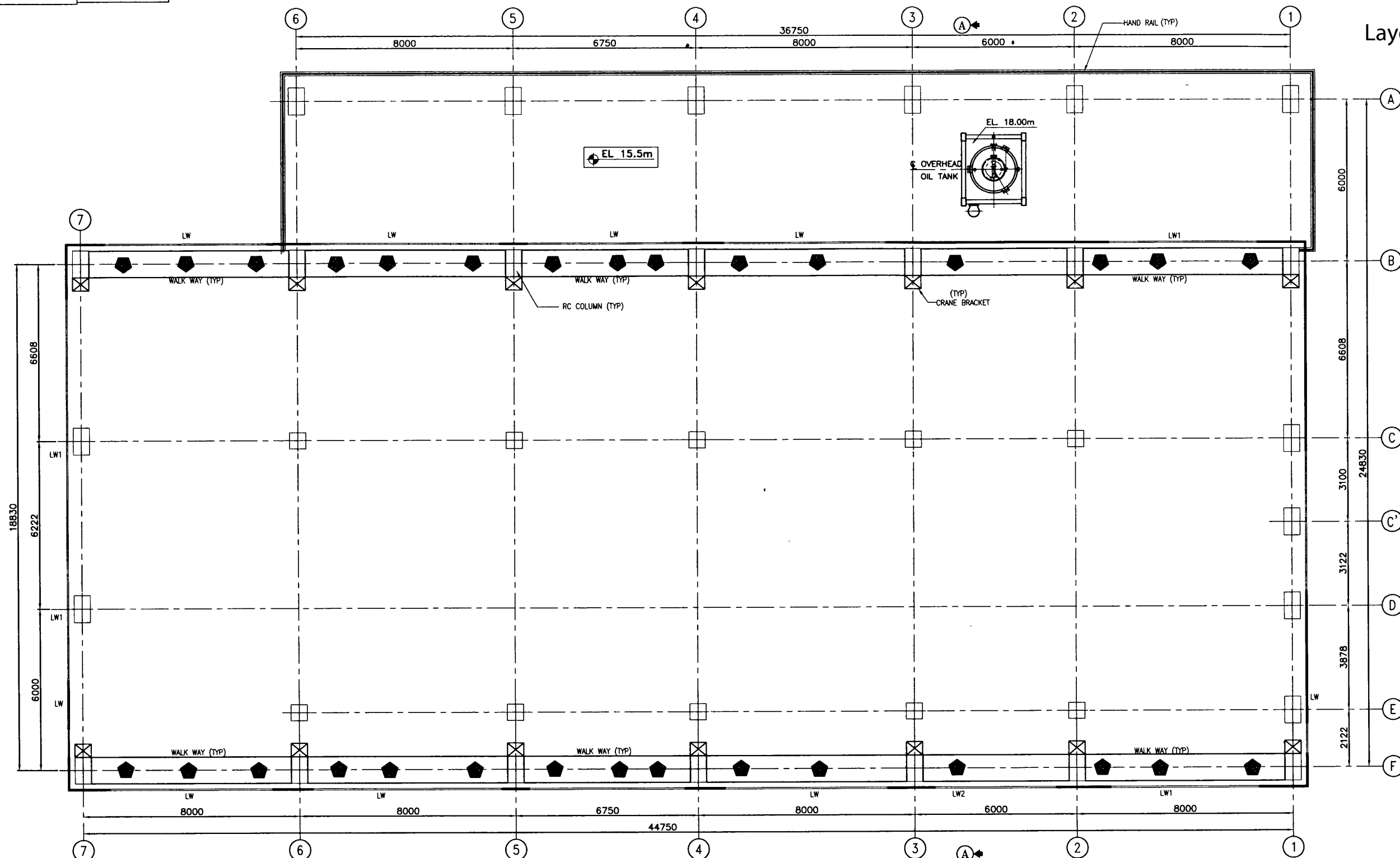
GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

COMPUTER FILE NAME
13810103924-S04-R00.DWG

REF. DRG. NO.

SIGN. AND DATE

INVENTORY NO.



PLAN AT +15.50M LVL.

PROJECT CONSULTANT:		SPB PROJECTS AND CONSULTANCY LIMITED CHENNAI INDIA	
CLIENT:		TAMILNADU NEWSPRINT & PAPER LTD. KAGITHAPURAM, TAMILNADU	
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		1X43MW KAGITHAPURAM TAMILNADU NEWSPRINT & PAPER LTD.	
BHARAT HEAVY ELECTRICALS LTD. HYDERABAD		NAME: J.C.S. SIGN: [Signature] DATE: 04.06.10 NO. OF VAR: 04.06.10 C.H.MANOJ Sd/- 04.06.10 V.V.S.S.S Sd/- 04.06.10	
DEPT. PE&SD CODE 450	UNTO. DIMS. OR C.A.M.F.	SCALE 1:75	WEIGHT (KG) N.A.
TITLE INPUT FOR TG HALL EQUIPMENT LAYOUT PLAN AT EL. (+)15.500m AND OHT PLATFORM LEVEL		CARD CODE N.A.	DRAWING NO. 1-381-01-03924 REV. 00 SHT. No 04 NO. OF SHT. 05

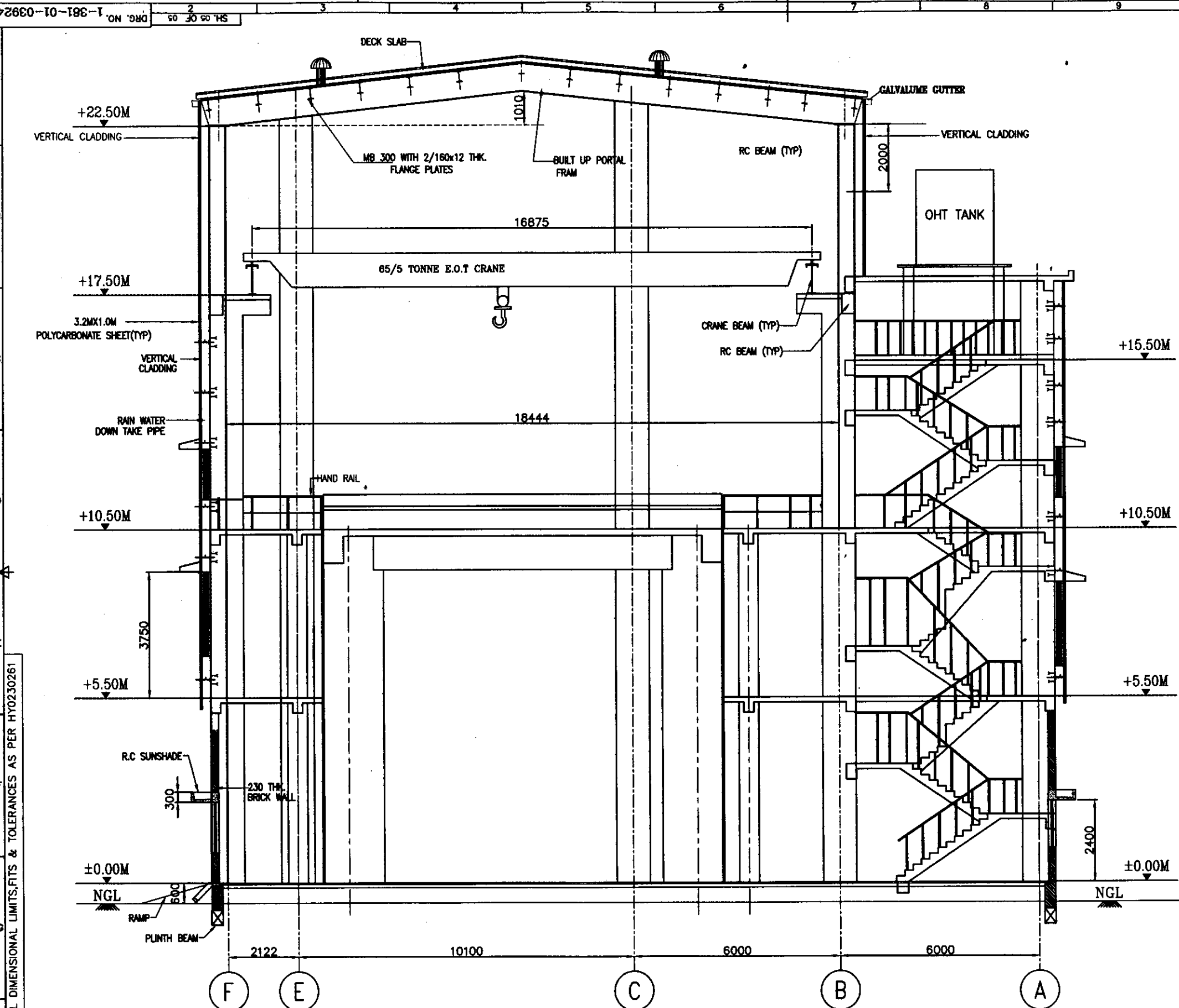
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Layout
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GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

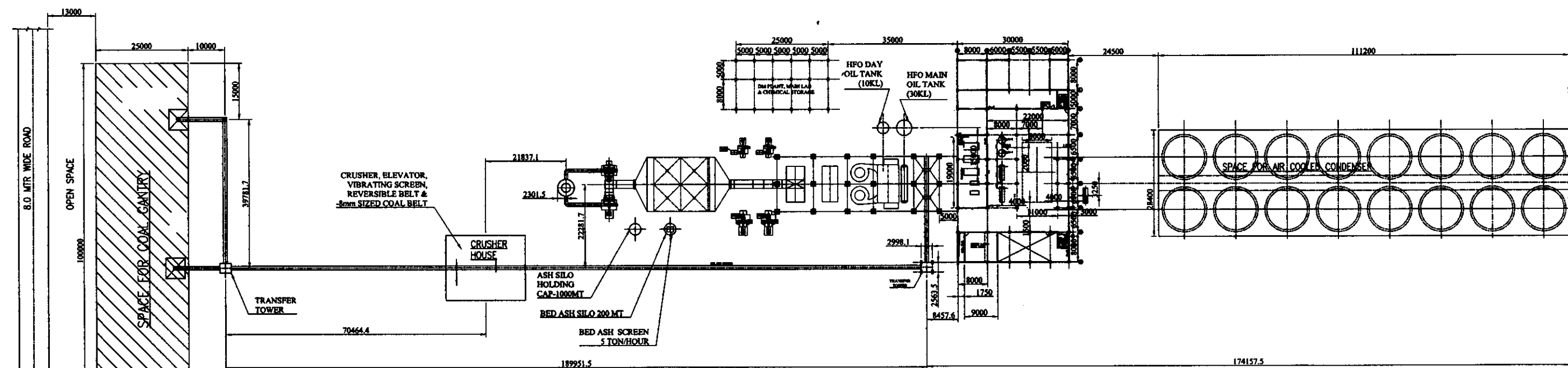
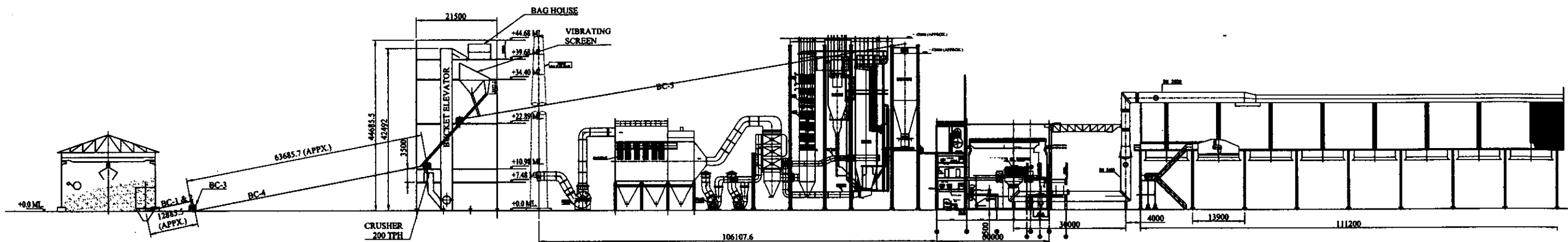
INVENTORY NO. JCS



SECTION A-A

PROJECT CONSULTANT:		SPB PROJECTS AND CONSULTANCY LIMITED CHENNAI INDIA	
CLIENT:		TAMILNADU NEWSPRINT & PAPER LTD. KAGITHAPURAM, TAMILNADU	
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		1X43MW KAGITHAPURAM TAMILNADU NEWSPRINT & PAPER LTD.	
DEPT. / P.E.S.D. CODE	UNITS. DIMS. OR	SCALE	WEIGHT (KG)
450	1:60	N.A.	N.A.
TITLE		DRAWING NO. 1-381-01-03924 00	
CROSS SECTION		REV. SHT. No 05	

REV.	DATE	CHD/APPD	REV.	DATE	CHD/APPD
1			2		
3			4		
5			6		
7			8		
9			10		
11			12		



GARLIC CRANE

1-APR 1967 OF CARTER FROM G.I.
2-CHARGE SAIL LIFT
FROM SHIPWRECK LIFT
3-FLAME LIFT 2100
SHIPWRECK 2100
4-CHARGE SAIL SHIPWRECK
(SHIPWRECK -2100)
5-CHARGE OF CARTER (SHIPWRECK TO G.I.)
6-CHARGE SAIL SHIPWRECK (SHIPWRECK)
7-APPROXIMATE SHIPWRECK OF

- 20.4 Mhz.
- 2.6 Mhz. (POWER) CHANNEL 174.
- 4.0 Mhz. (POWER) CHANNEL 174.
- 4.0 Mhz.
- 20.0 Mhz.
- 31.5 Mhz.
- 16.5 Mhz. (POWER)
- 20.0 Mhz. (POWER)

- 4.0 Hz.
- 21.0 Hz.
- 21.5 Hz.
- 22.5 Hz.(200°)
- 23.0 Hz.(200°)

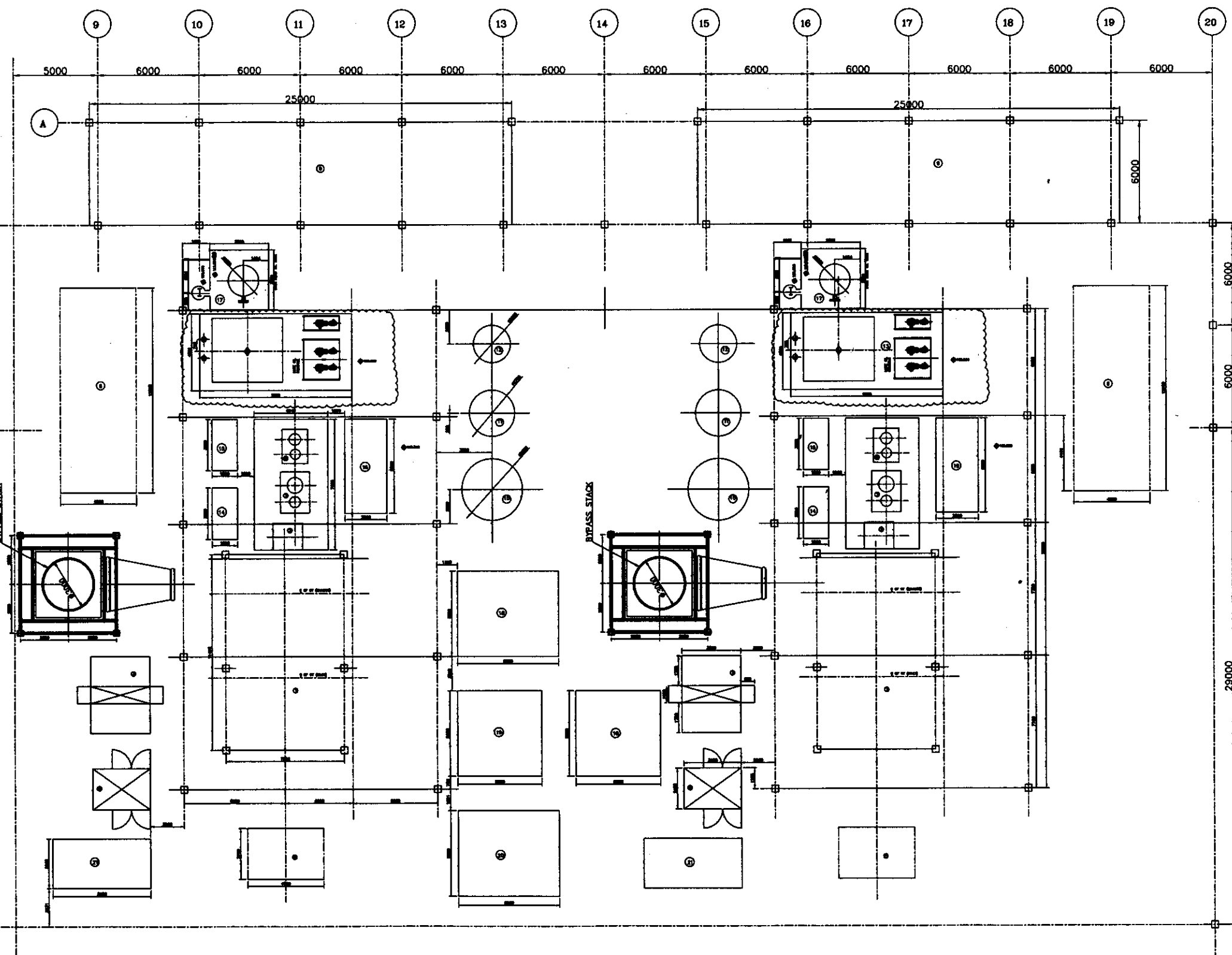


MANIKGARH CEMENT
GADCHANDUR

DRN	SHIV CHOUDHARI	G.A. OF 0.0 MTR PLAN OF BOILER, ESP, STG & AIR COOLED CONDENSER	REV. 0
CHD.	DEPT.		
	D.O. KIRAN SHARMA		
APRD.	D.O.		
	DEPT.		
DATE	13/02/2010	DRG.NO.: MC-TPS-1/XXX(A0)	
SCALE	1:10		

08096-00-988-0
DN DWT

1 20 1 1/2

Layout
8/8/2

LIST OF EQUIPMENT

S.No	DESCRIPTION
1.	GAS TURBINE
2.	GEAR BOX
3.	COMPRESSOR (MCL-525)
4.	COMPRESSOR (BCL-406/o)
5.	INLET FILTER HOUSE
6.	MINERAL SYNTHETIC OIL COOLER
7.	CO2 FIRE FIGHTING SKID
8.	HYDRAULIC STARTING SKID
9.	4 DISCHARGE COOLERS
10.	1st STAGE SUCTION K.O. DRUM
11.	2nd STAGE SUCTION K.O. DRUM
12.	DISCHARGE K.O. DRUM
13.	LUBE OIL CONSOLE
14.	SEAL GAS CONTROL SKID-I
15.	SEAL GAS CONTROL SKID-II
16.	SEAL GAS FILTER SKID
17.	OVERHEAD L.O. TANK
18.	SCRUBBER
19.	F.G. BOOSTER COMPRESSOR
20.	FILTER SEPARATOR
21.	GAS CONDENSATE DRAIN TANK

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT ELEVATIONS WHICH ARE IN METERS.
- THIS DRAWING INDICATES DIMENSIONAL OUTLINE FOR COMPRESSOR, TURBINE AND AUXILIARIES.
- FOR BATTERY LIMITS PLEASE REFER SHEET PIPING LAYOUT.
- DRAWING NO. 03380000076
- SYMBOLS USED:
 - ▽ ELEVATION
 - ▽ CENTRE OF EQUIPMENT
 - ◇ CENTRE LINE OF EQUIPMENT
 - ◇ ELEVATION OF PLATFORM
 - GRATING
 - CHECKERED PLATE
 - CONCRETE

STATUS: FOR REVIEW

PROJECT : BRAHMAPUTRA PETROCHEMICAL COMPLEX
OWNER : M/S BRAHMAPUTRA CRACKER & POLYMER LTD.
UNIT :
CONSULTANT : EIL, NEW DELHI
PR NO :
ITEM : RICH GAS COMPRESSOR (GT DRIVEN)

TYPE OF PRODUCT RICH GAS COMPRESSOR
OR
NAME OF CUSTOMER M/S BCPL-ASSAM (MCA-1007001)

SHARAT HEAVY ELECTRICALS LTD.
HYDERABAD

SCALE 1:75

DATE 08/07/22

TITLE EQUIPMENT LAYOUT

REV. NO. 1

GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230281