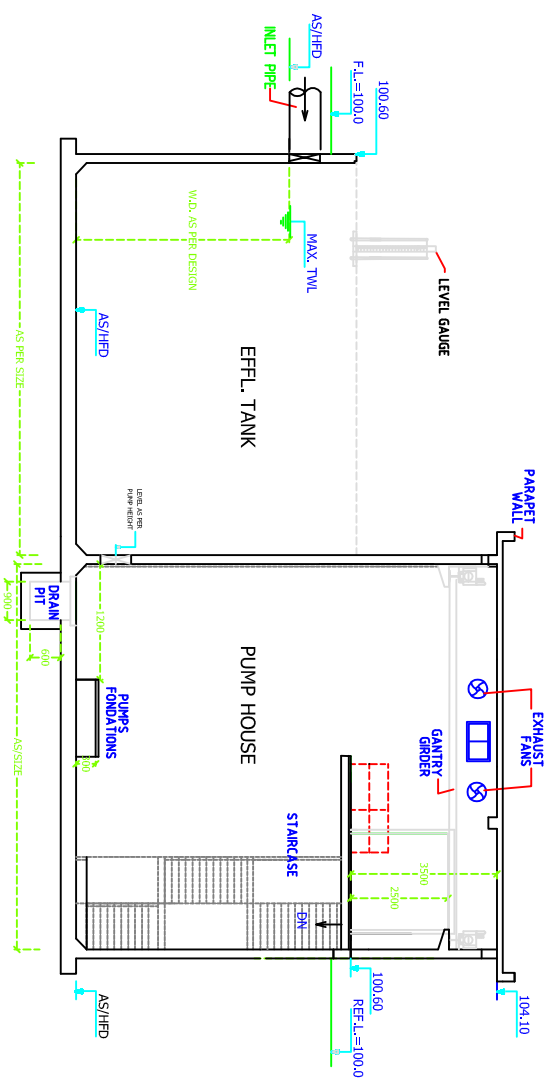
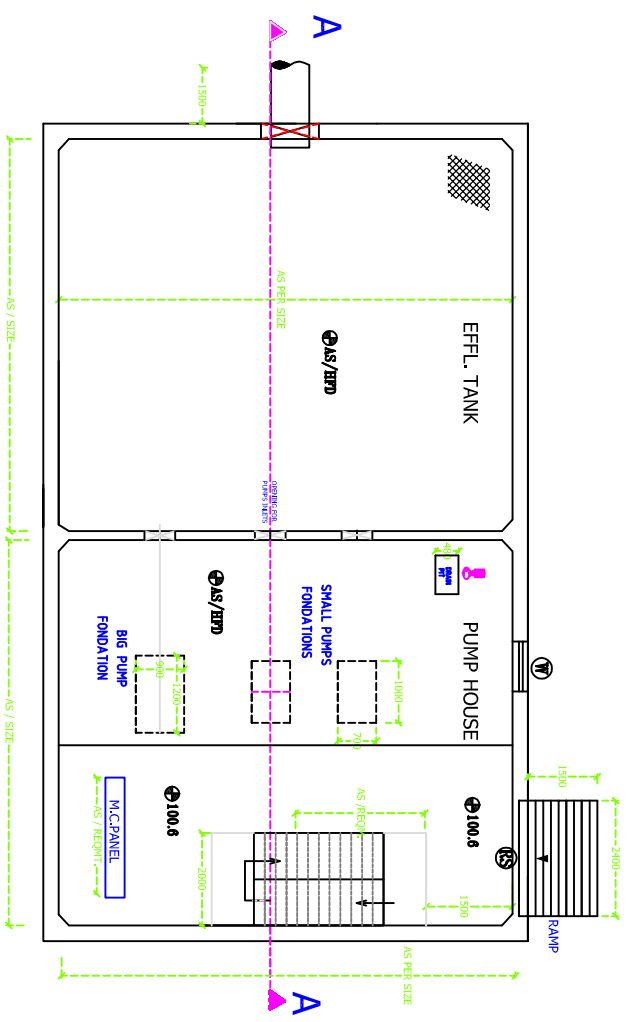


DO NOT SCALE THE DRAWING. IF IN DOUBT PLEASE ASK.




SECTION A-A



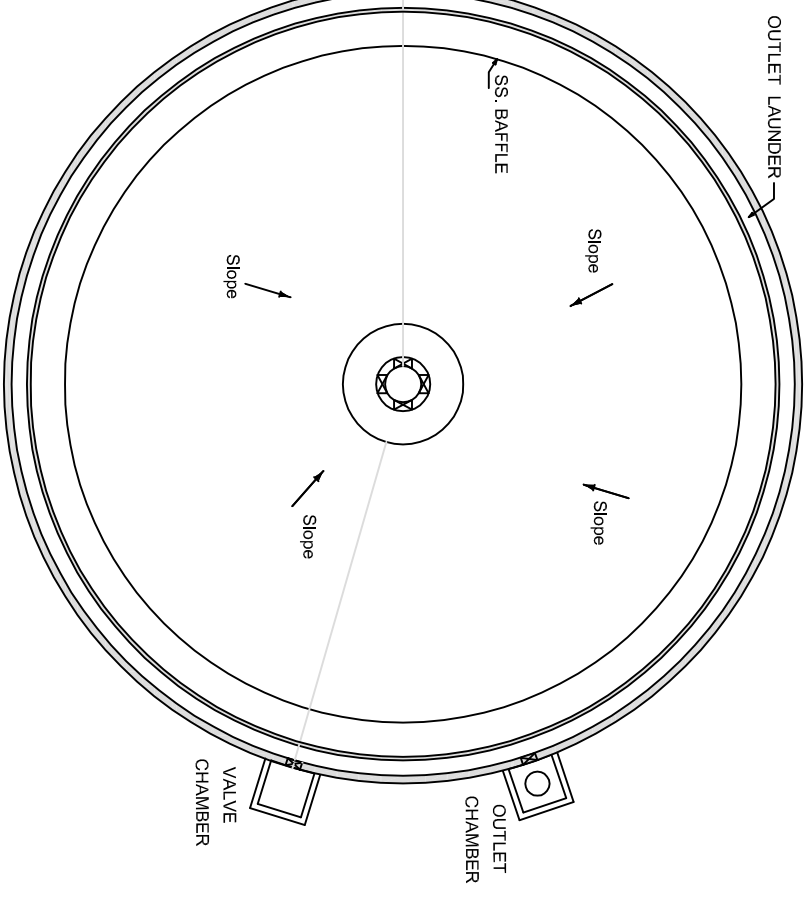
PLAN

NOTES :

1. SIZE OF EFFLUENT TANK & PUMPS ROOM SHALL BE AS MENTIONED IN TABLE C.E.T.P. UNITS SIZES / LAYOUT PLAN DRAWING OF C.E.T.P.
2. ORIENTATION & POSITION OF INLET SHALL BE AS PER LAYOUT PLAN.
3. ALL LEVELS (TOP, BASE AND TWL) SHALL BE AS PER HYDRAULIC FLOW DIAGRAM.
4. MECHANICAL CLEARED BARE SCREEN SHALL BE AT SHOW LOCATION. SHOWN IS INDICATIVE.
5. ALL DIMENSIONS IN MM AND LEVELS IN METERS W.A.T. FINISH ROAD LEVEL (REF. LVL.) AT 100.00M.
6. PIPES, VALVES & FITTINGS NOT SHOWN IN THIS DRAWING.
7. WALLS & BASE PART THICKNESS TO BE AS PER APPROVED STRUCTURAL DESIGN.
8. ALL WALKWAYS, STAIRCASES & PLATFORMS TO BE PROVIDED WITH RAILING.
9. CHAMBERS 3000x3000mm TO BE PROVIDED AT ALL CORNERS AND JUNCTION OF WALLS & BASE PART.
10. NUMBER OF STAIRS SHALL BE AS PER DEPTH & HEIGHT REQUIREMENT.
11. THIS DRAWING IS APPLICABLE FOR P.H.-2 (EOL), TANK, R.A.S. AND PUMP HOUSE FOR FUTURE.

CLIENT:		BIHAR INDUSTRIAL AREA DEVELOPMENT AUTHORITY (BIADA)					
PROJECT:		COMMON EFFLUENT TREATMENT PLANT (C.E.T.P)					
DRAWING TITLE:		G.A. OF PUMP HOUSES PH-2, R.A.S. & FILTRATION.					
CONSULTANT:		SMS ENVOICARE LIMITED					
 SMS ENVOICARE LIMITED GHAZIABAD OFFICE : SMS ENVOICARE LTD., 4F-C5, 58/59, SEC-1 VASHTAL GHAZIABAD - 201010 Tel: 0120-415400/71/72, 6130271818 Fax: 0120-4154075 Web Site: www.smsenvocare.com, www.smbi.co.in							
DRAWN	DATE	CHK'D BY	MECH. E & I	PROCESS	PROJECT	APPD. BY	SCALE :
MK	18.11.15		AS	AS	KK		
DWG. NO.		SMT NO.	1	OF	1	REV.	

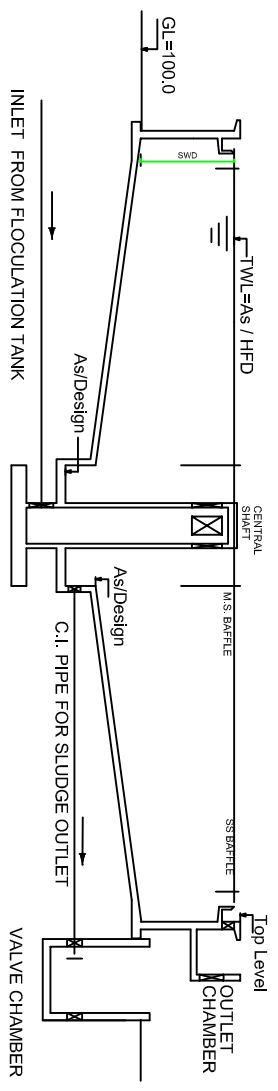
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NOTES :

1. SIZE OF PRIMARY CLARIFIER SHALL BE AS MENTIONED IN TABLE C.E.T.P. UNITS SIZES / LAYOUT PLAN DRAWING OF C.E.T.P.
2. ORIENTATION SHALL BE AS PER LAYOUT PLAN.
3. ALL LEVELS (TOP, BASE AND TWL) SHALL BE AS PER HYDRAULIC FLOW DIAGRAM.
4. POSITION OF INLETS & OUTLETS SHALL BE AS PER C.E.T.P. LAYOUT PLAN.
5. ALL DIMENSIONS IN mm AND LEVELS IN METRES W.R.T. FINISH ROAD LVL. AT 100.00M.
6. ALL PIPES, VALVES & FITTINGS NOT SHOWN IN THIS DRAWING.
7. WALLS & BASE RAFT THICKNESS TO BE AS PER APPROVED STRUCTURAL DESIGN.
8. ALL WALKWAYS, STAIRCASES & PLATFORMS TO BE PROVIDED WITH RAILING.
9. M.S. BRIDGE, RAILING, MECHANICAL SCRAPER, DRIVE DETAILS TO BE PROVIDED BY CONTRACTOR.

PLAN

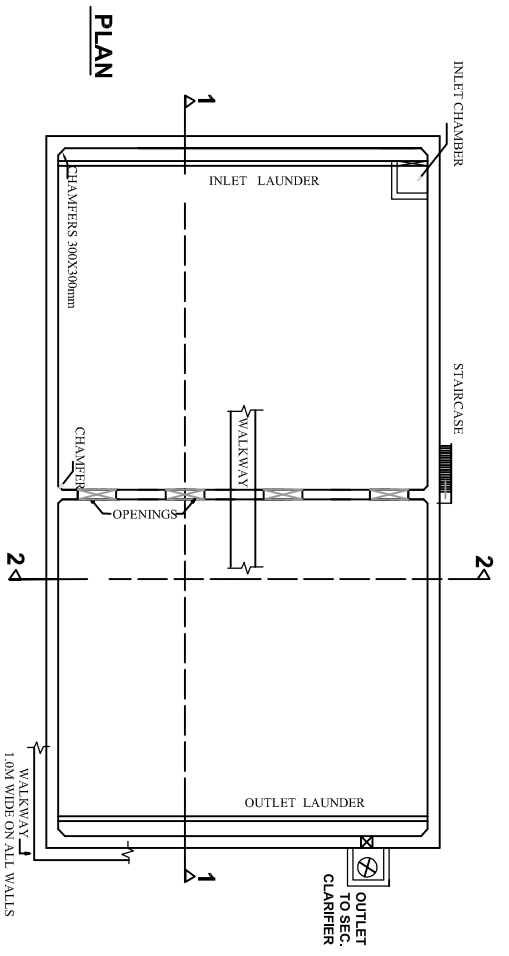


SECTION (TYP)

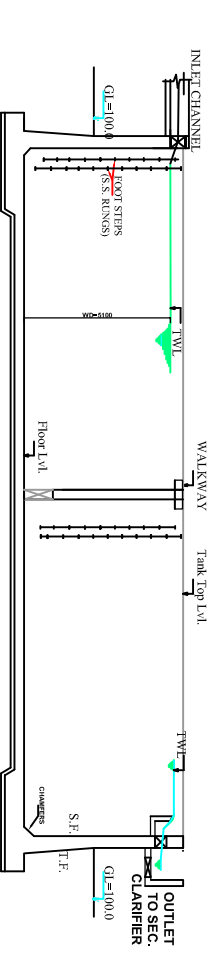
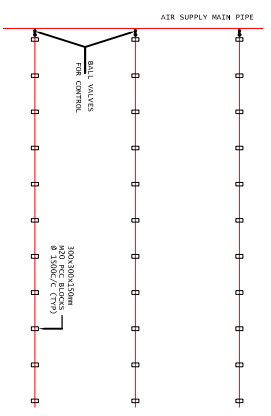
CLIENT: BIHAR INDUSTRIAL AREA DEVELOPMENT AUTHORITY (BIADA)	
PROJECT: COMMON EFFLUENT TREATMENT PLANT (C.E.T.P.)	
DRAWING TITLE: G.A. OF PRIMARY CLARIFIER	
CONSULTANT: SMS ENVOCARE LIMITED	
GHAZIABAD OFFICE : SMS ENVOCARE LTD., #F-CS-58/59, SEC-1 YASHSHAU GHAZIABAD -201010 Tel: 0120-4153400/71772, 6130271818 Fax: 0120-4153475 Web Site: www.smsenvocare.com, www.sml.co.in	

DRAWN	DATE	CHK'D	MECH.	E & I	PROCESS	PROJECT	APPR.	BY	SCALE :
MK	18.11.15	BY	AS	AS	AS	KK	KK		
DWG. NO.	SMT NO.		1	OF	1	REV.			
	FILE NAME	FILE-NAME							

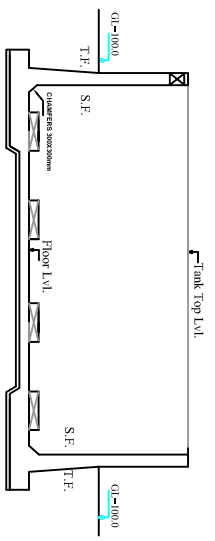
DO NOT SCALE THE DRAWING. IF IN DOUBT PLEASE ASK.



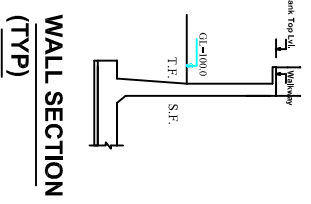
AIR LINE GRID PART PLAN AT TANK FLOOR (TYP)



SECTION 1-1



SECTION 2-2



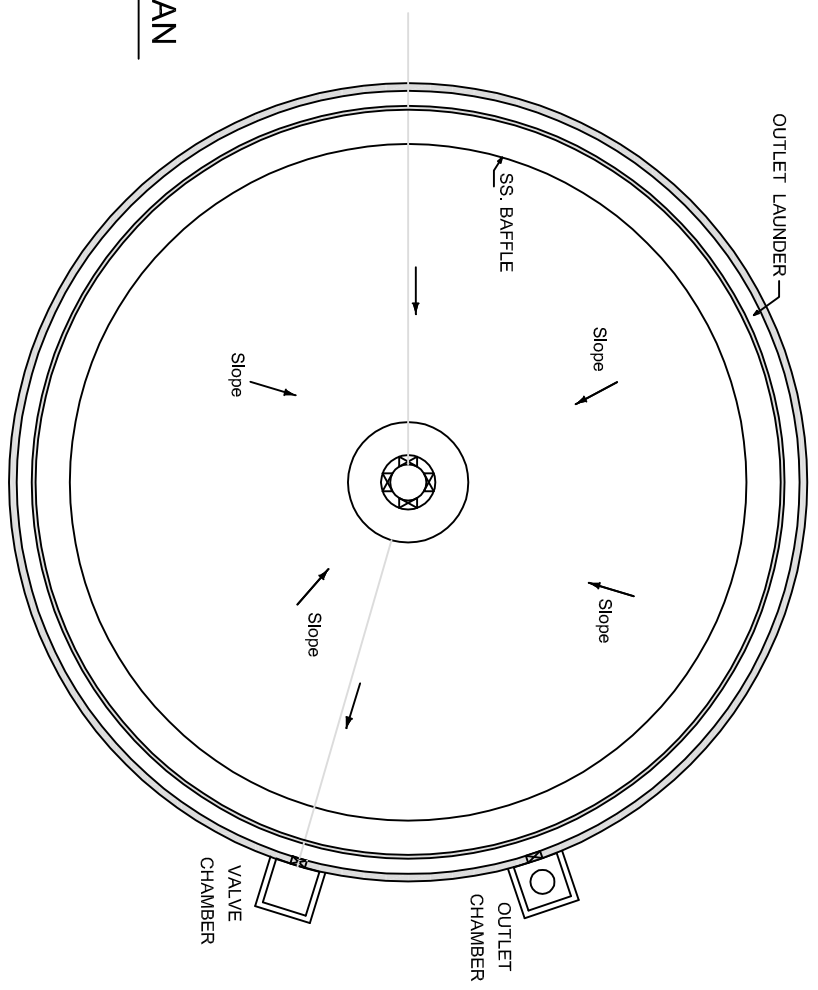
WALL SECTION (TYP)

- NOTES :**
1. SIZE OF AERATION TANK SHALL BE AS MENTIONED IN TABLE C.E.T.P. UNITS SIZES LAYOUT PLAN BOARDING OF C.E.T.P.
 2. ORIENTATION SHALL BE AS PER LAYOUT PLAN.
 3. ALL LEVELS FOR BASE AND TANK SHALL BE AS PER HYDRAULIC FLOW DIAGRAM.
 4. POSITION OF INLETS & OUTLETS SHALL BE AS PER C.E.T.P. LAYOUT PLAN.
 5. ALL DIMENSIONS IN mm AND LEVELS IN METERS W.R.T. FINISH ROAD LEVEL AT FLOOR.
 6. PIPES, VALVES & FITTINGS NOT SHOWN IN THIS DRAWING.
 7. WALLS & BASE PART THICKNESS TO BE AS PER APPROVED STRUCTURAL DESIGN.
 8. ALL WALKWAYS, STAIRCASES & PLATFORMS TO BE PROVIDED WITH RAILING.
 9. CHAMFERERS SHALL BE PROVIDED AT ALL CORNERS AND JOINTS OF WALLS & BASE PART.
 10. ALL WALLS SHALL HAVE WALKWAYS AT TOP TO SUPPORT AIR PIPE LINE.

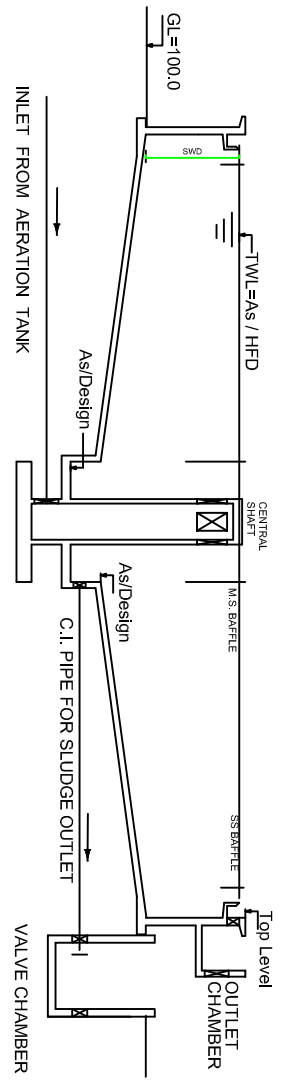
CLIENT:	BIHAR INDUSTRIAL AREA DEVELOPMENT AUTHORITY (BIADA)		
PROJECT:	COMMON EFFLUENT TREATMENT PLANT (C.E.T.P)		
DRAWING TITLE:	G.A. OF AERATION TANK WITH AIR LINE GRID		
CONSULTANT:	SMS ENVOCCARE LIMITED		

SMS ENVOCCARE LIMITED
 GHAZIABAD OFFICE : SMS ENVOCCARE LTD., 4F-C5, 58/59, SEC-1 VASSHALI, GHAZIABAD - 201010
 Tel: 0120-4153400/71/72, 6130271818 Fax: 0120-4153405
 Web Site: www.smsenvocare.com, www.smsl.co.in

DRAWN	CHK'D	MECH.	E & I	PROCESS	PROJECT	APPD.	BY	SCALE :
DMK	18.11.15	AS	AS	AS	AS	KK	KK	
DWG. NO.	SMT NO.		OF		REV.		FILE-NAME	
	1		1		1		FILE-NAME	



PLAN



SECTION (TYP)

NOTES :

1. SIZE (ID & SWD) OF SECONDARY CLARIFIER SHALL BE AS MENTIONED IN TABLE C.E.T.P. UNITS SIZES / LAYOUT PLAN DRAWING OF C.E.T.P.
2. ORIENTATION SHALL BE AS PER LAYOUT PLAN.
3. ALL LEVELS (TOP, BASE AND TWL) SHALL BE AS PER HYDRAULIC FLOW DIAGRAM.
4. POSITION OF INLET, VALVE CHAMBER & OUTLET SHALL BE AS PER C.E.T.P. LAYOUT PLAN.
5. ALL DIMENSIONS IN mm AND LEVELS IN METRES W.R.T. FINISH ROAD LEVEL AT 100.00M.
6. ALL PIPES, VALVES & FITTINGS NOT SHOWN IN THIS DRAWING.
7. WALLS & BASE RAFT THICKNESS TO BE AS PER APPROVED STRUCTURAL DESIGN.
8. ALL WALKWAYS, STAIRCASES & PLATFORMS TO BE PROVIDED WITH RAILING.
9. M.S. BRIDGE, RAILING, MECHANICAL SCRAPPER, DRIVE DETAILS TO BE PROVIDED BY CONTRACTOR.

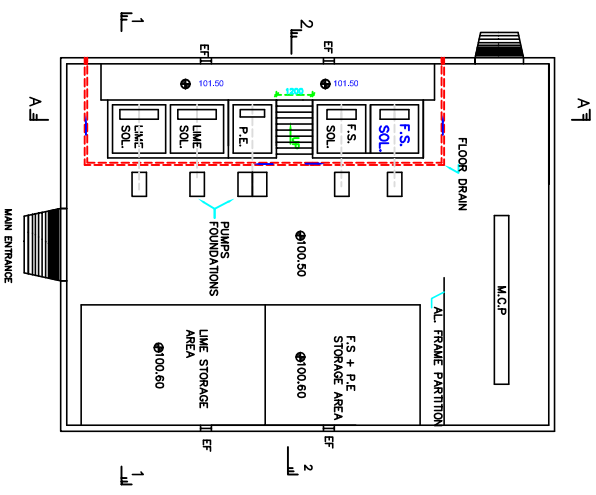
CLIENT:	BIHAR INDUSTRIAL AREA DEVELOPMENT AUTHORITY (BIADA)
PROJECT:	COMMON EFFLUENT TREATMENT PLANT (C.E.T.P.)
DRAWING TITLE:	G.A. OF SECONDARY CLARIFIER
CONSULTANT:	SMS ENVOICARE LIMITED

SMS ENVOICARE LIMITED

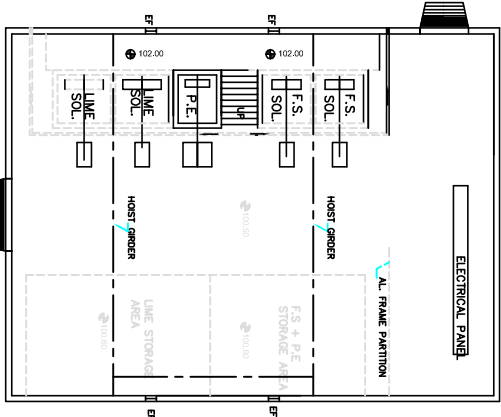
GHAZIABAD OFFICE : SMS ENVOICARE LTD., #F-CS-58/59, SEC-1 VASHTAL GHAZIABAD - 201010
 Tel: 0120-4153400/71772, 6130271818 Fax: 0120-4153405

Web Site: www.smsenvocare.com, www.smsl.co.in

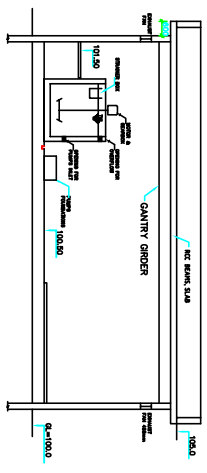
DRAWN	DATE	CHK'D	MECH.	E & I	PROCESS	PROJECT	APP.	BY	SCALE :
MK	18.11.15	BY	AS	AS	AS	KK	KK		
DWG. NO.		SMT NO.	1	OF	1	REV.			



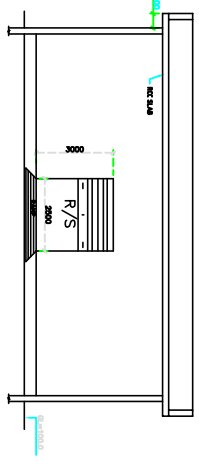
PLAN SHOWING CHEMICAL STORE AREA, SOLUTION PREPARATION TANKS DOSING PUMPS FOUNDATIONS, FLOOR DRAIN, STAIRCASE, M.C.PANEL LOCATION



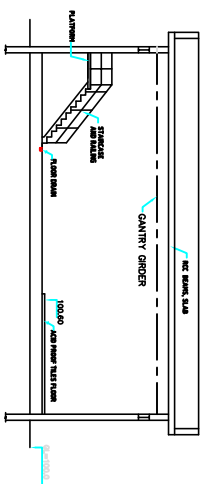
PLAN SHOWING POSITION OF GANTRY GIRDER W.R.T. STORE AREA & SOLUTION TANKS



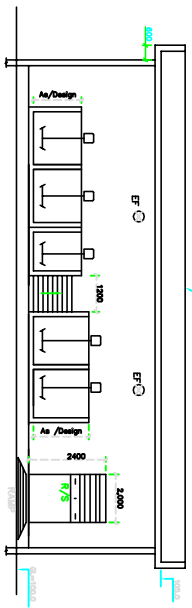
SECTION AT 1-1



FRONT ELEVATION- MAIN ENTRANCE



SECTION AT 2-2



SECTION AT A-A

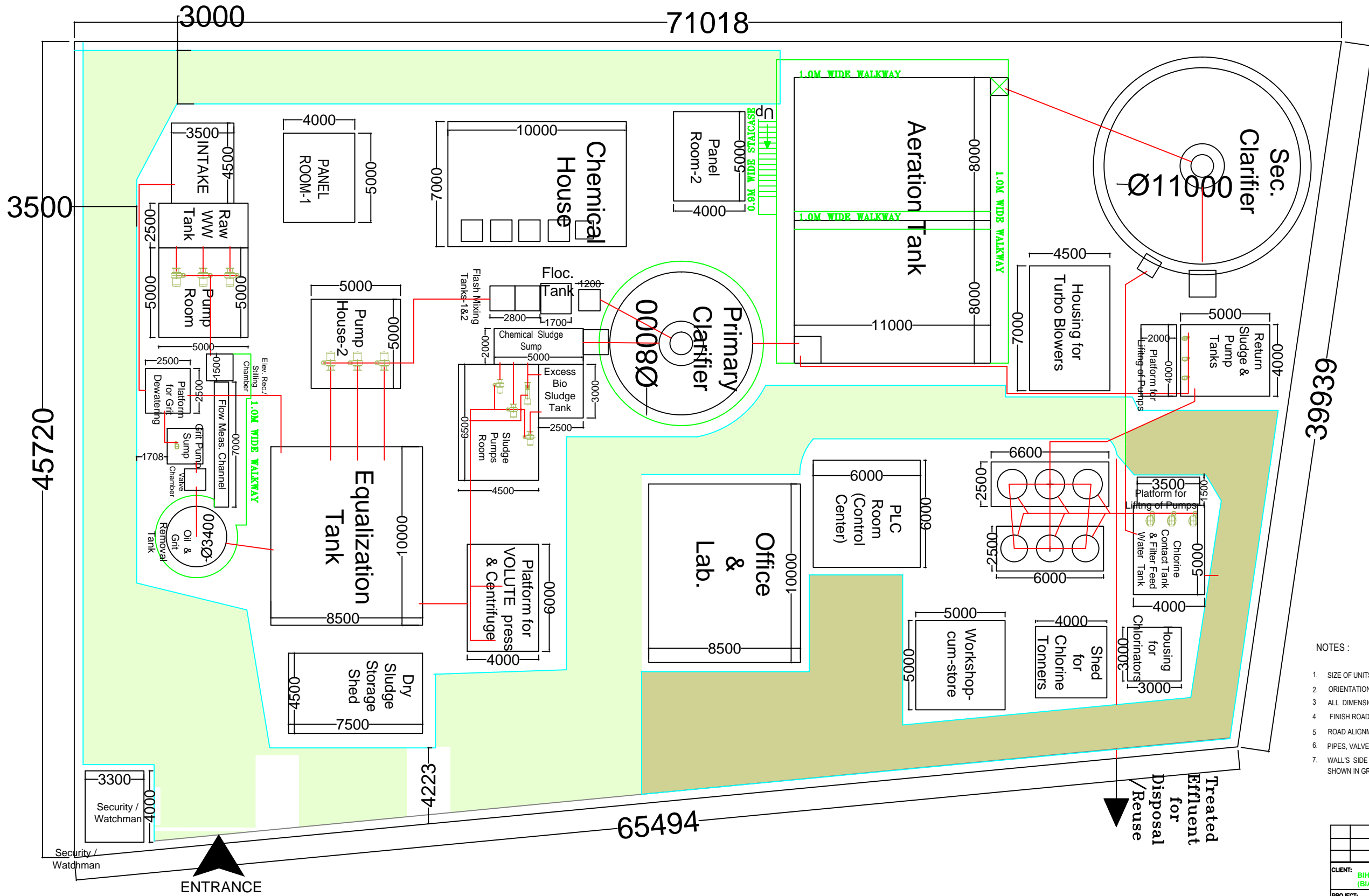
NOTES :

1. ALL DIMENSIONS IN MILLIMETRES (mm) UNLESS SPECIFIED.
2. ALL LEVEL VALUES IN METRES W.R.T. OR. LVL. 100.0
3. ORIENTATION AS PER C.T.P. LAYOUT PLAN.
4. FLOOR AREA FOR FERROUS SULPHATE STORAGE SHALL BE 100MM ABOVE NORMAL FLOOR AND SHALL HAVE ACID PROOF TILES.
5. FLOOR SHOULD HAVE DRAINS OF SIZE 100mm (Ø) x 250mm (Ø) HAVING 80 SLOPE TOWARDS OUTLETS.
6. SIZE OF CHEMICAL HOUSE, TANKS FOR FERROUS SULPHATE, LIME & P.E. SHALL BE AS PER C.E.T.P. UNITS.
7. TANKS FOR FERROUS SULPHATE SOLUTION SHALL BE COATED INSIDE WITH ACID PROOF MATERIAL.
8. CHEMICAL DOSING PUMPS FOUNDATION SHALL BE PROVIDED AS PER BASE & HEIGHT REQUIREMENT OF PUMPS.
9. PRESS. VALVES, FITTINGS NOT SHOWN IN THIS DRAWING.
10. FRESH WATER PIPE LINE BEAM DIA. G.U.PFD SOLUTION TANKS.
11. ELECTRICAL OPERATED CHAIN PULLEY/HOIST @ 1.0TON CAPACITY.
12. SIZE OF CHEMICAL HOUSE SHALL BE AS MENTIONED IN C.E.T.P. UNITS SIZES.
13. ADD ACID PROOF FINISH FOR FERROUS SULPHATE, SS PIPE FOR LIME & G.U. FOR P.E.

CLIENT:	BIHAR INDUSTRIAL AREA DEVELOPMENT AUTHORITY (BIADA)
PROJECT:	COMMON EFFLUENT TREATMENT PLANT (C.E.T.P.)
DRAWING TITLE:	G.A. OF CHEMICAL HOUSE
CONSULTANT:	SMS ENVOICARE LIMITED

6HAZIABAD OFFICE : SMS ENVOICARE LTD., 4/F--CS-58/59, SEC-1 VYASHALI GHAZIABAD-201010
 Tel: 0120-4153400/71772, 6130271818 Fax: 0120-4153475
 Web Site: www.smsenvocare.com, www.smbi.co.in

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DWG. NO.	SHR NO.	1	OF	1	REV.	



- NOTES :
1. SIZE OF UNITS SHALL BE AS MENTIONED IN TABLE-C.E.T.P. UNITS SIZES.
 2. ORIENTATION SHALL BE AS PER SITE REQUIREMENT.
 3. ALL DIMENSIONS IN mm .
 4. FINISH ROAD LEVEL AT 100.00M.
 5. ROAD ALIGNMENT & WIDTH MAY CHANGE AS PER SITE REQUIREMENT.
 6. PIPES, VALVES & FITTINGS NOT SHOWN IN THIS DRAWING.
 7. WALL'S SIDE PROJECTION 600mm & WALK WAY 1000mm WIDE SHOWN IN GREEN COLOUR.

CLIENT:		BIHAR INDUSTRIAL AREA DEVELOPMENT AUTHORITY (BIADA)	
PROJECT:		COMMON EFFLUENT TREATMENT PLANT (C.E.T.P)	
DRAWING TITLE:		LAYOUT PLAN OF PROPOSED C.E.T.P. - BHAGALPUR	
CONSULTANT:		SMS ENVOVARE LIMITED GHAZIABAD OFFICE : SMS ENVOVARE LTD., 4F-C5,58/59, SEC-1,WASHALI,GHAZIABAD,-201010 Tel.: 0120-4153470/71/72, 8130271818 Fax 0120-4153475 Web Site: www.smenvocare.com, www.smal.co.in	
DRAWN	DATE	CHK'D BY	MECH. E & I
MK	16.11.15	AS	AS
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