

ELECTRONICS CORPORATION OF INDIA LIMITED
ENGINEERING SERVICES DIVISION

No.EC:ESD:HEAD

Dated:27.02.2014

CORRIGENDUM NO-1 TO NIT NO.451/2014

Further to the Pre -bid meeting held on 24.02.2014 for the work at Sl.no.1 i.e. **“Construction of Effluent Treatment Plant of 650 KLD capacity”**, the detailed clarifications on the queries raised by the participants are enclosed. In addition the schedule in the last date, opening dates are extended for the **Specific work only** as under.

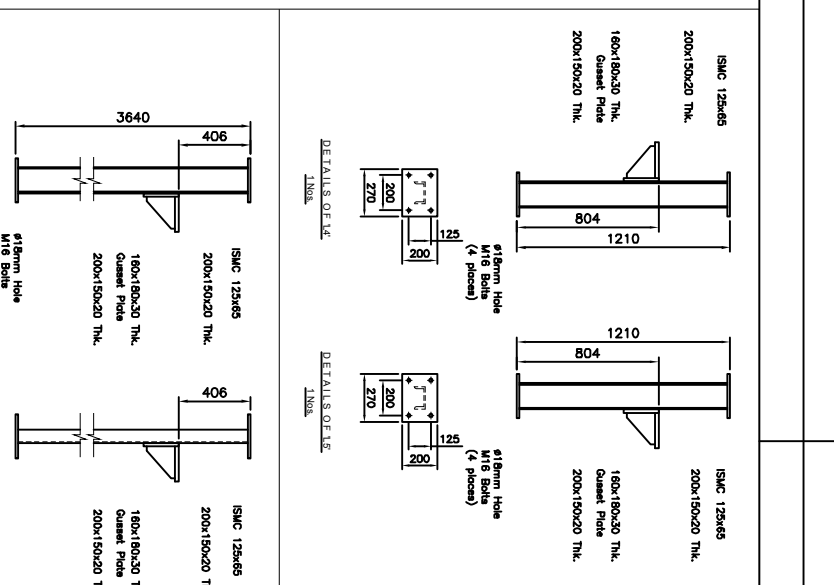
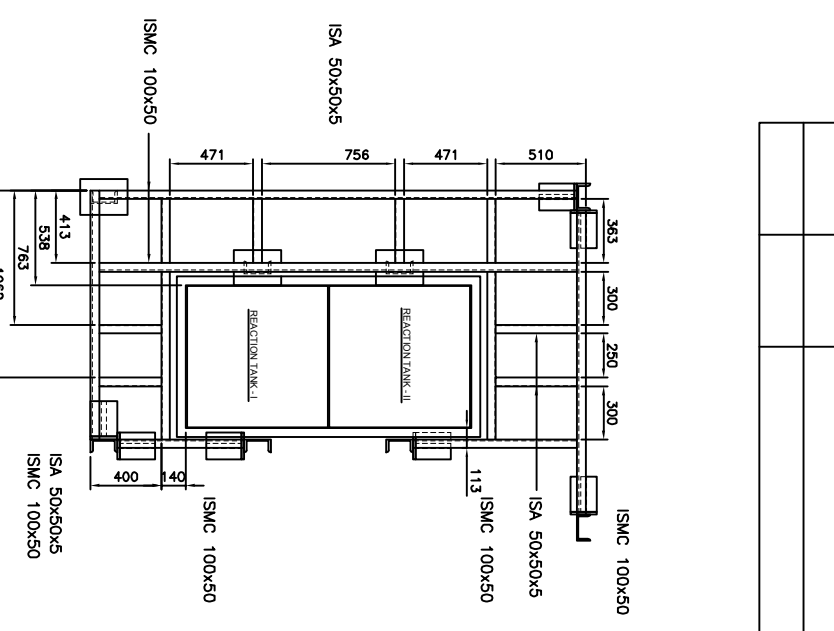
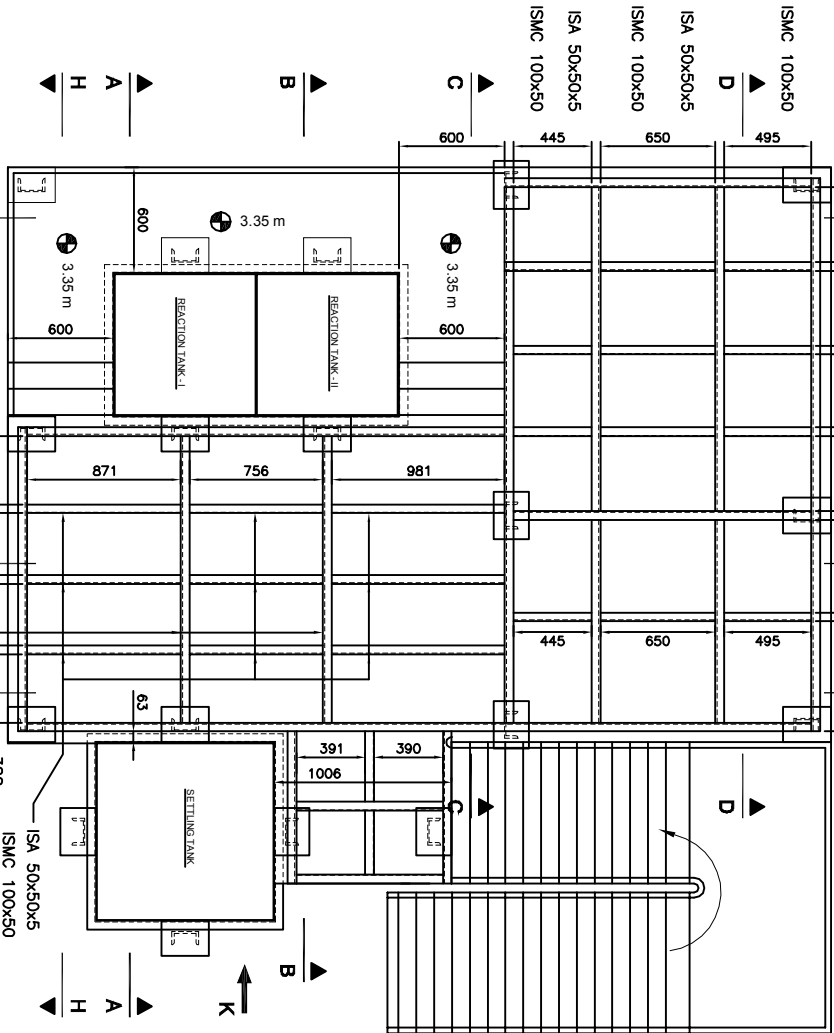
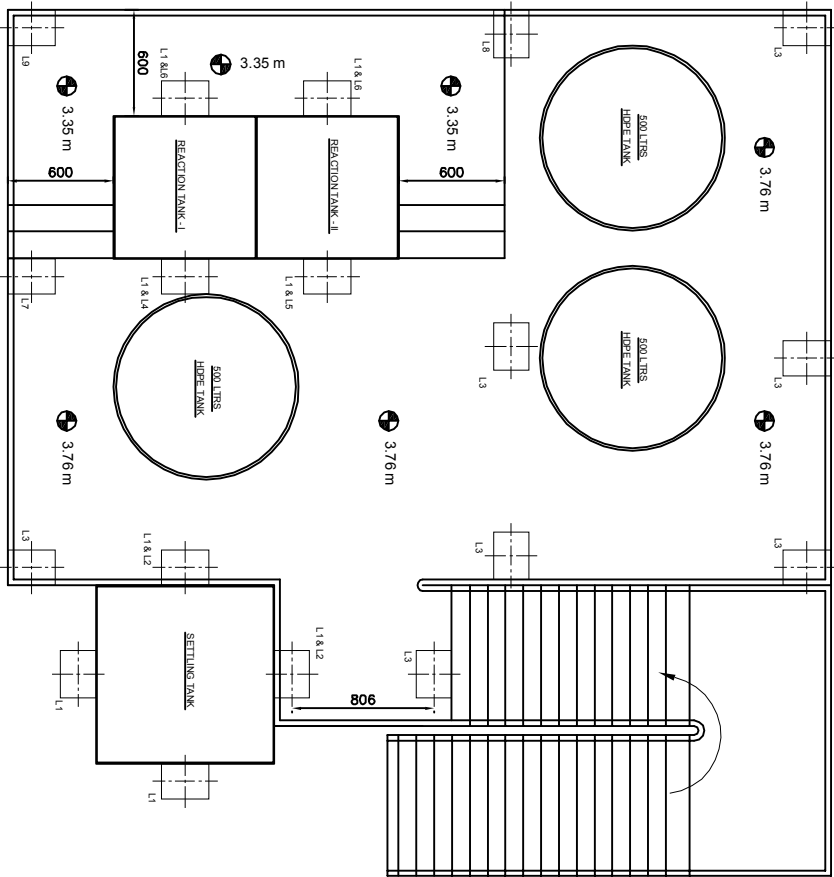
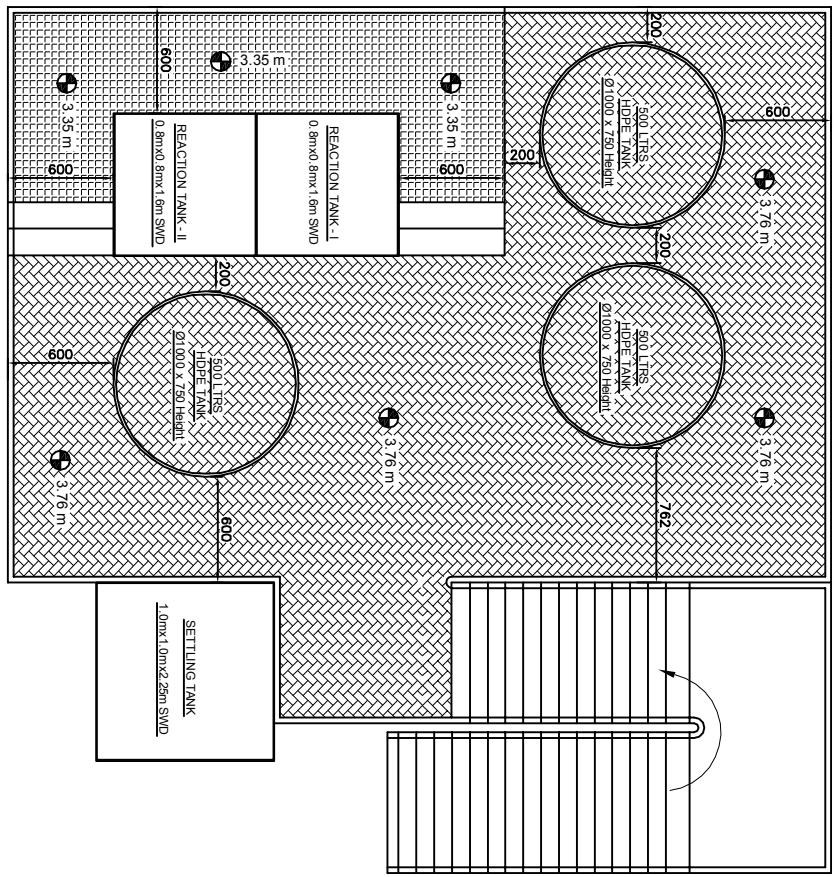
	Existing date	Extended date
Last date of submission of tender	03-03-2014 upto 14.30 hrs	06-03-2014 upto 14.30 hrs
Date of opening of Technical bid	04-03-2014 at 10.00 hrs	07-03-2014 at 10.00 hrs
Date of opening of Price bid	06-03-2014 at 10.00 hrs	10-03-2014 at 10.00 hrs

Note: The last dates of submission /opening of tenders of all other works except work of ETP shall remain unchanged.

Sd/-
HEAD ESD

S. NO	Page No - Item Number	Details	Query	Clarification
1	105	Drawing on Structural details of Platform for dosing tanks.	Drawing is not clear / readable	Higher resolution drawing attached with Corrigendum.
		Drawings	Any New Drawings?	Yes. Two drawings. One on Layout of PCB and ISG, other on Location of columns for MS Tanks are attached with .
2	113- 14.1	Supply and installation of MS PP tanks with 2.0 mm coating (Near PCB and ISG)(Refer Drawings on pages 104-106) a 1.344 cum tanks b cum tanks (including Hopper Bottom Depth)	Provide Dimensions	a. 0.8 m X 0.8 m X 1.6 M b. 1.0 m X 1.0 m X 2.25 m hopper depth - 0.5 m
3	83-8	Power Cable (5 core) 4 sq. mm	No corresponding Line entry.	To be Deleted.
4	110 - 5	Air Blowers	3 no's given in the number column	Read as 2 (1 w + 1 s), capacity 270 cum/hr @0.5 kg/sq.cm.
5	112-12 B(II)	Supply, installation, testing and commissioning of Pumps @ 0.5 HP	Specifications of Chemical Dosing Pumps	0-32 LPH and Specified makes as per Page 71 - List of approved makes.
6	115-4.1 ; 4.2	a) Flow indicator No c) Pressure Gauges for all pumps and blowers etc.	Specifications	Based on the pipe sizes and specified Makes as per Page 71.
7	87 & 96	Drawings Layout and Structural for Equivilisation Tank	Sizes are different	Structural Design sizes at P-87 are final.
8	70 & 109	Raw Sewage Pumps	Different Numbers at both pages	Page 109 and 110 Prevail over page 70.
9	75-10 A	Lab Equipment	Mention minimum equipment at site laboratory.	pH, BOD, COD & TDS equipment shall be provided at site. Sampling & Testing can be done at MoEF recognised laboratories periodically for all parameters.
10	109	Screens MOC		SS 304 grade and no epoxy painting.
11	77, 93 & 103	Specs- 316 Grade& MOC- UPVC and SS both	MOC	Read all SS as U-PVC

12	118-14.1 to 14.3	Aluminium Specifications	Aluminium Doors.	Openings to be Provided Based on MCC Room dimensions given in the layout. Aluminium Doors are separate and not included in the line entry.
13	81 & 82	Blower Head Line	Specifications- A-class	Read as C- Class
14	113-17	Railing Pipe 32 mm and 25 mm	Given- A-Class	Read as B-Class
S. NO	Page No - Item Number	Details	Query	Clarification
15		General Queries	Whether JV is permitted?	No.
16			Any Mobilisation Advance is paid ?	No.
17			Any Extension for submission?	Yes. Up to 06.03.2014. Please refer page 1 of corrigendum for further details.
18			Time Line	6 months for construction , then 2 months for Testing & Commissioning , there after 12 months O& M period.
19			Chemicals	Will be provided free of cost by ECIL for PCB and ISG units of treatment. Contractor has to supply & provide at their cost for main unit.
20			Can bidder propose their own scheme?	No. New Designs/Treatment Technologies will not be accepted. The scheme in tender is approved and finalised. Bidders are advised to quote as per Tender document.



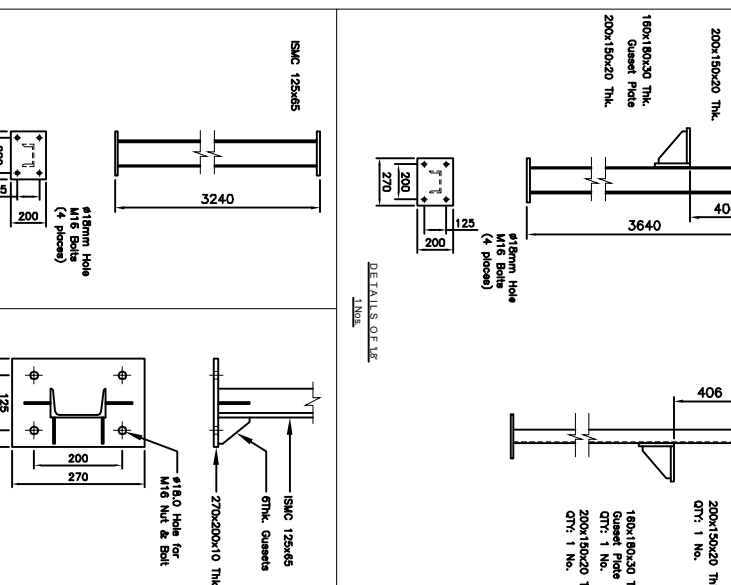
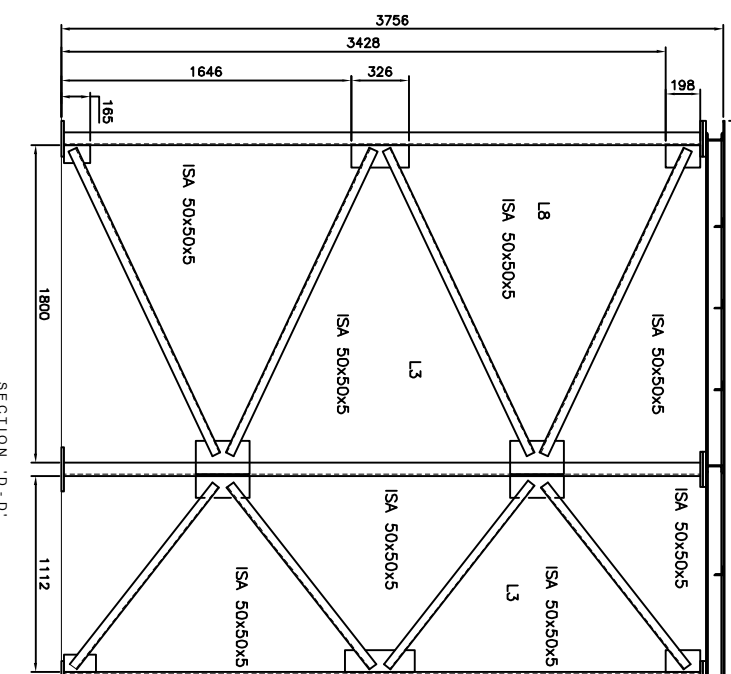
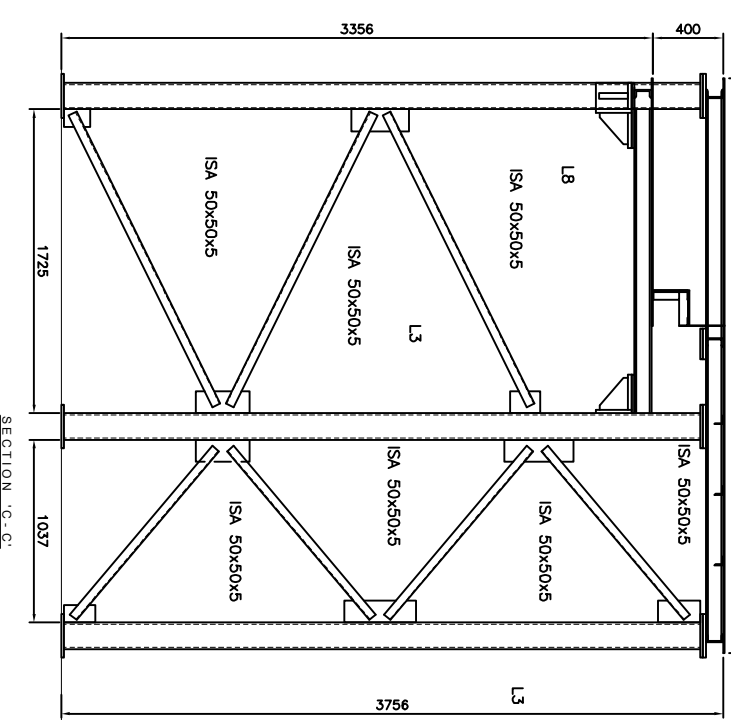
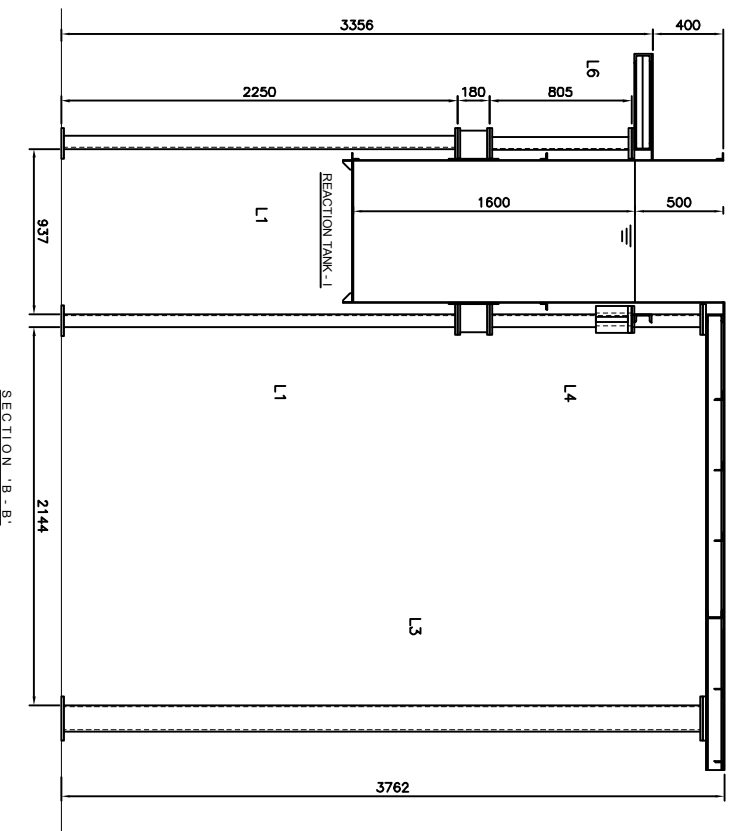
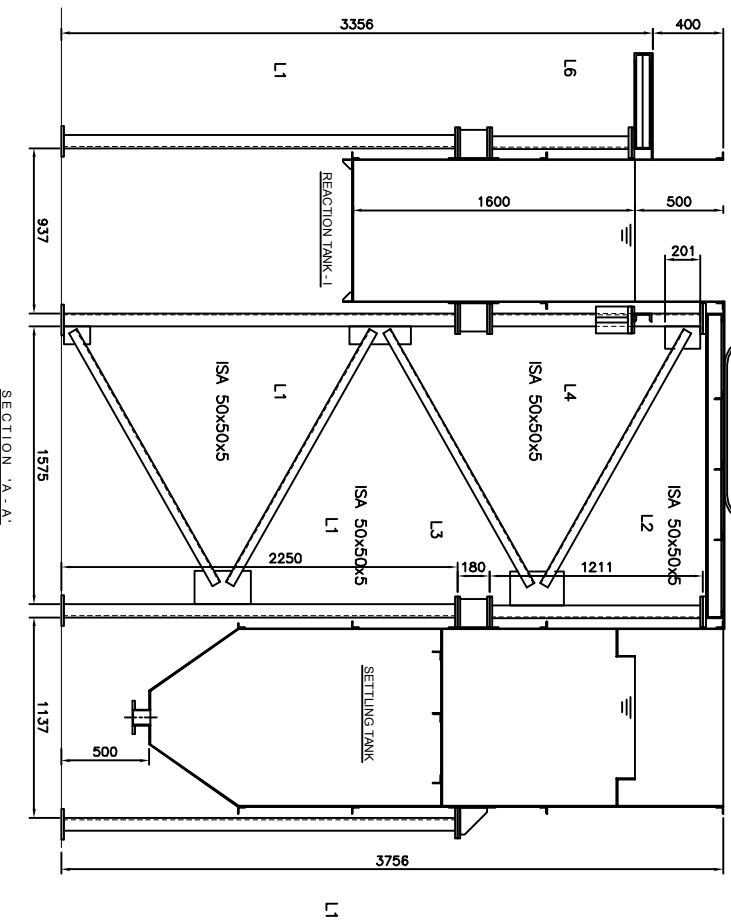
LAYOUT PLAN

PLAN & ELEVATION
WITH 10% OVERLAP

PLAN & ELEVATION
WITH 10% OVERLAP

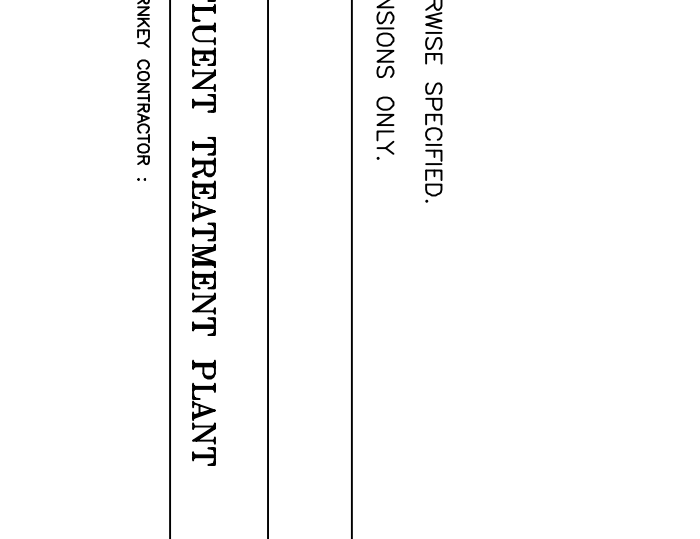
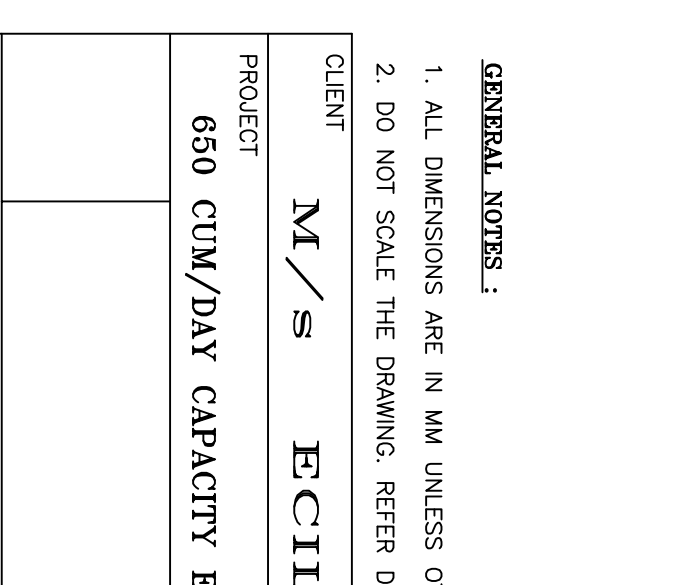
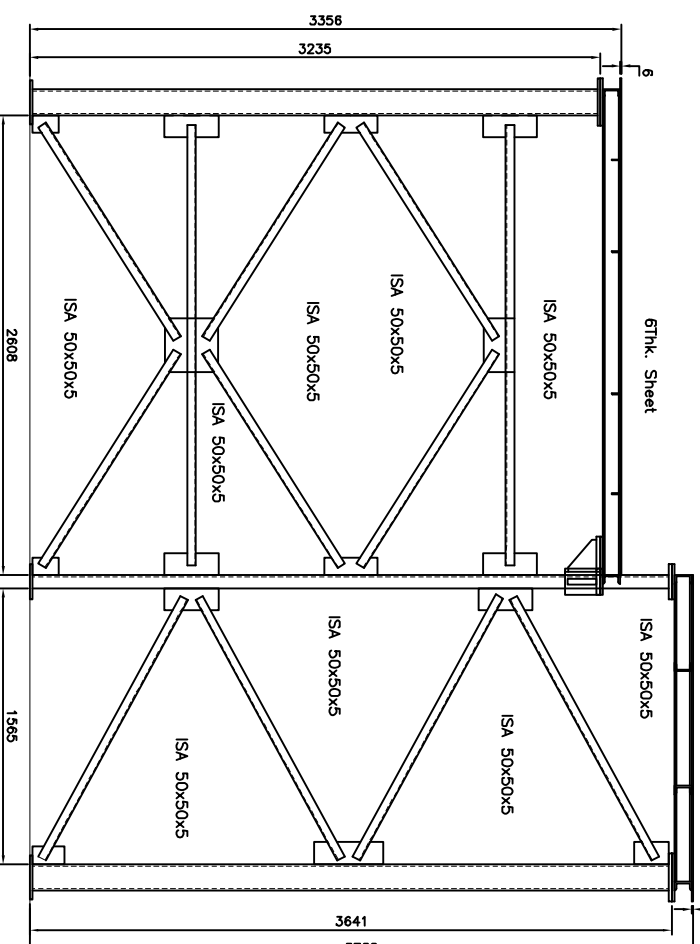
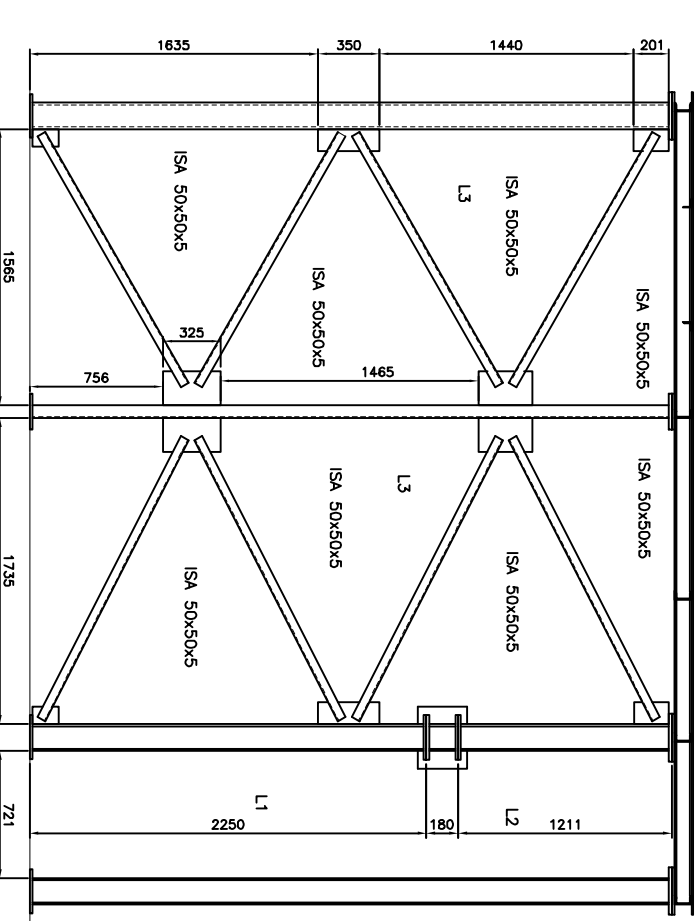
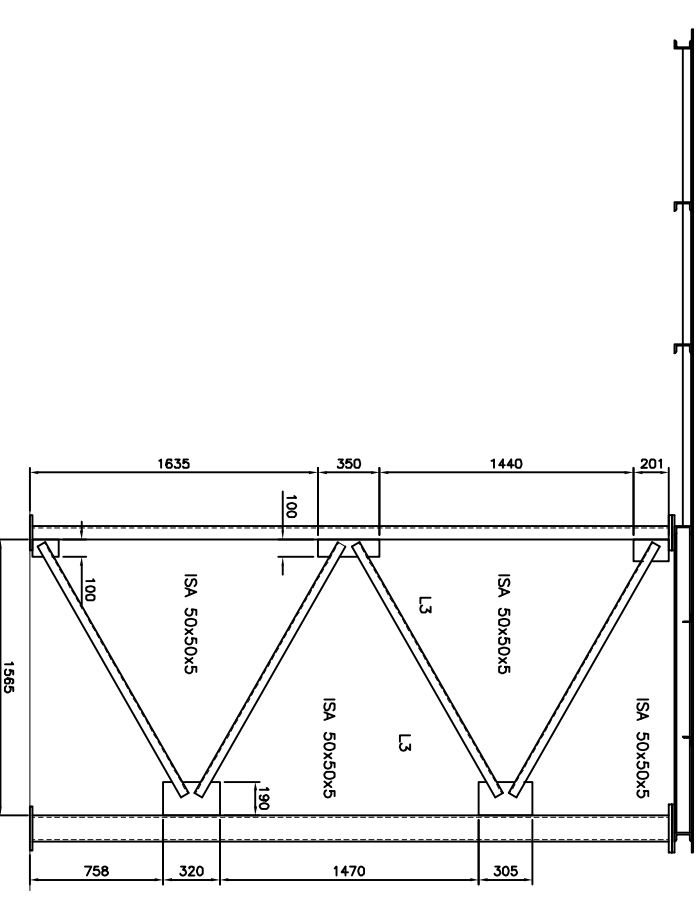
PLAN & ELEVATION
WITH 10% OVERLAP

DETAILS OF
TANK



DETAILS OF
TANK

DETAILS OF
TANK



GENERAL NOTES :

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE THE DRAWING. REFER DIMENSIONS ONLY.

CLIENT M / S ECIL

PROJECT 650 CUM/DAY CAPACITY EFFLUENT TREATMENT PLANT

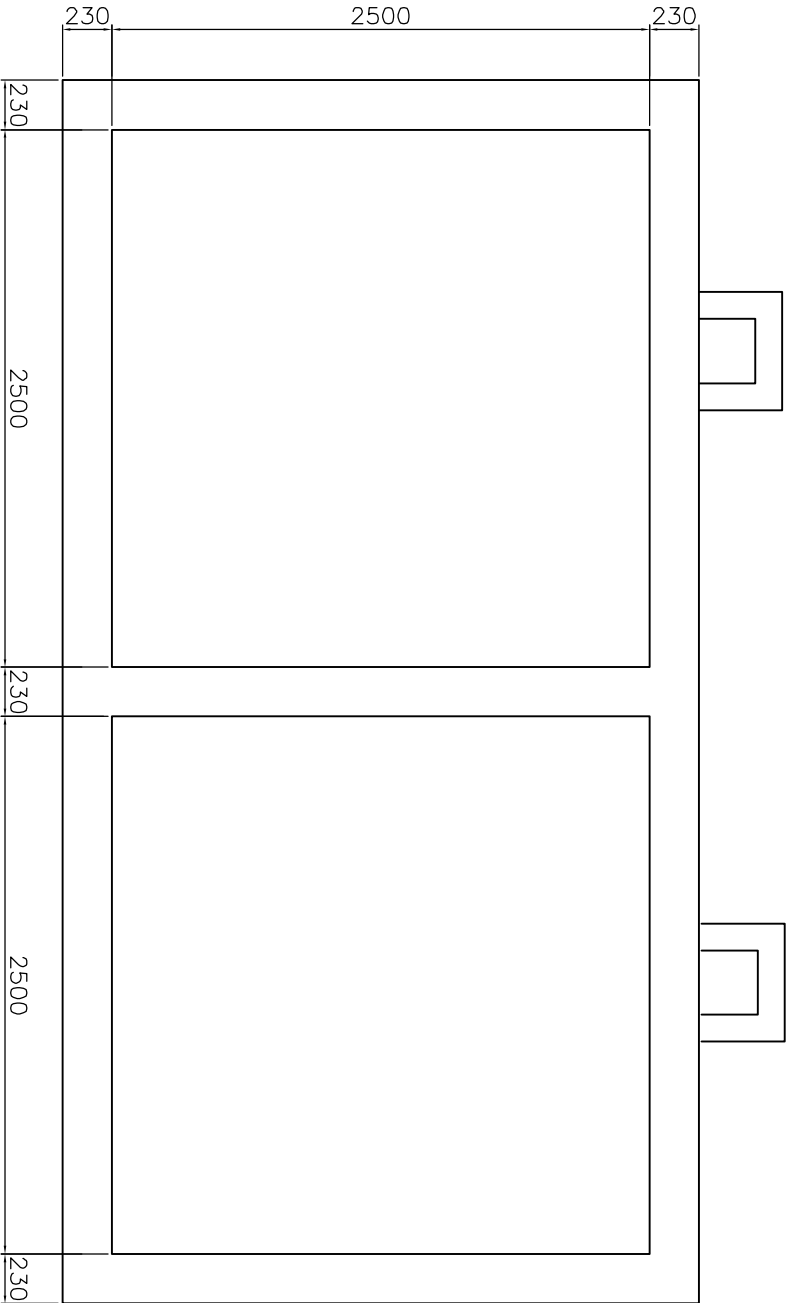
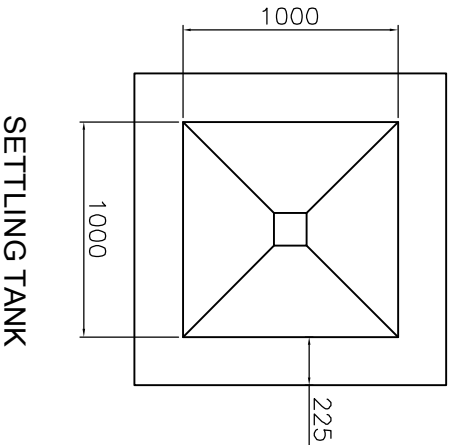
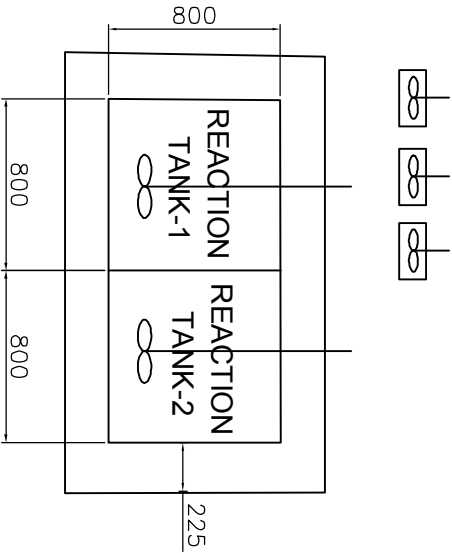
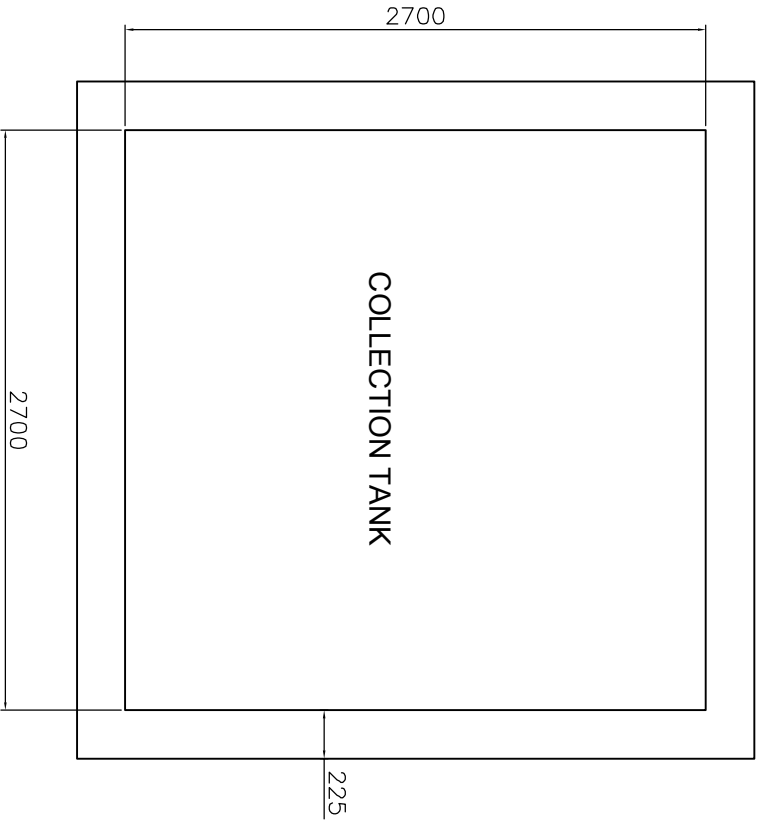
TURKEY CONTRACTOR :

TITLE STRUCTURAL DETAILS OF PLATFORM FOR DOSING TANKS

SHEET SIZE	SCALE	REVISION & DATE
A1	NTS	0

DWG No: ECIL/PCB & ISG/

1 OF 2 SHEET



GENERAL NOTES :

- 1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
- 2. DO NOT SCALE THE DRAWING. REFER DIMENSIONS ONLY.

CLIENT

M/S E C I L

PROJECT

650 CUM/DAY CAPACITY EFFLUENT TREATMENT PLANT

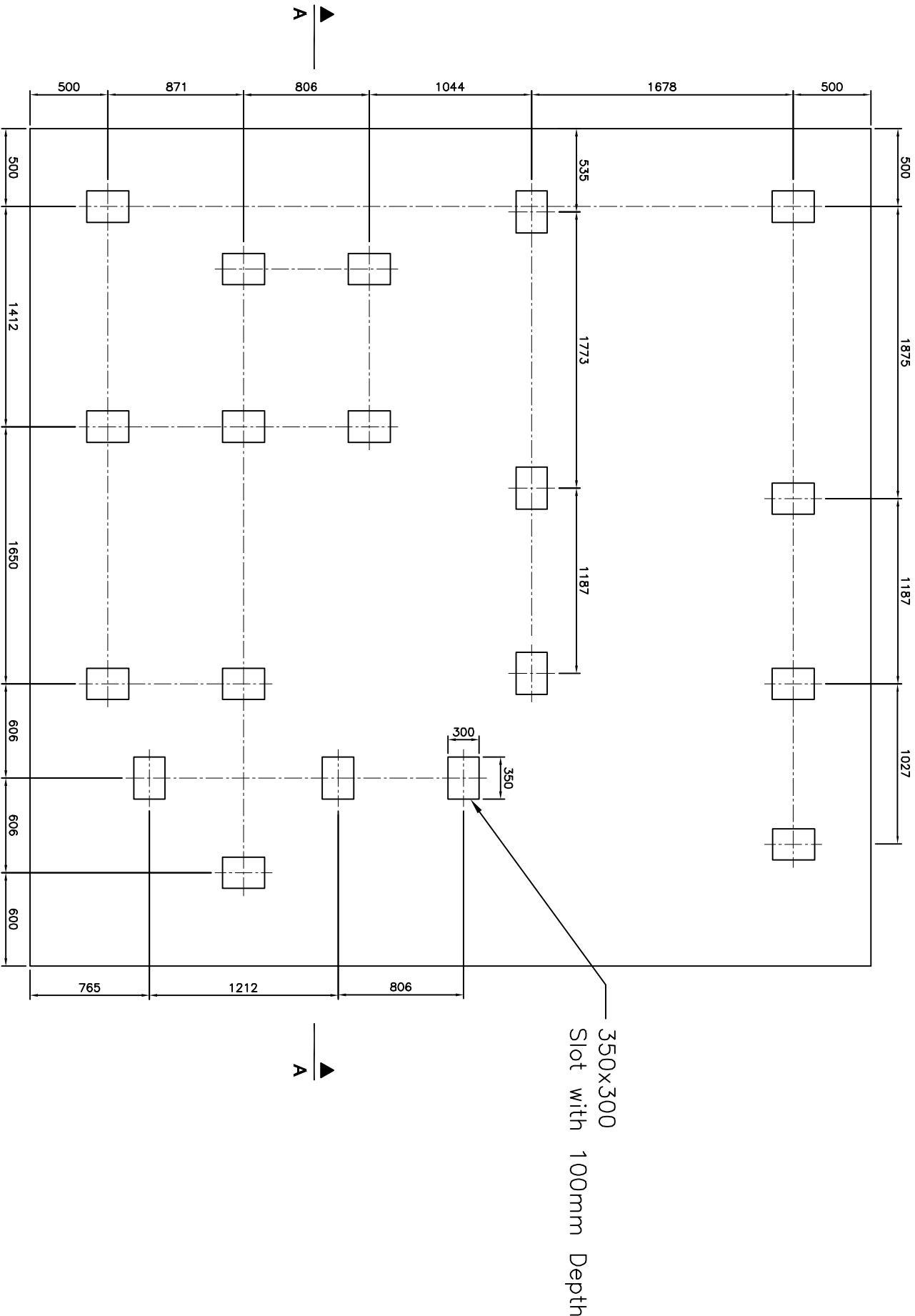
TITLE

LAYOUT @ PCB & ISG

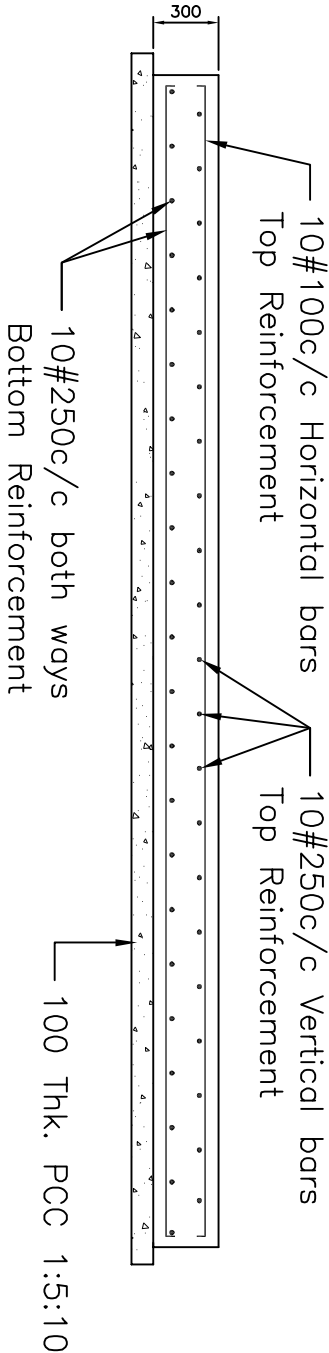
DWG No: ECH/ETP/GA/01

SHEET SIZE	SCALE	REVISION
A4	1:50	0

SHEET
1 OF 1



PLAN SHOWING THE LOCATION OF COLUMNS



SECTION 'A-A'

GENERAL NOTES :

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE THE DRAWING. REFER DIMENSIONS ONLY.
3. THICKNESS OF ALL TANKS 6mm Thick

CLIENT

M / S E C I L

PROJECT

650 CUM/DAY CAPACITY EFFLUENT TREATMENT PLANT

TITLE

LOCATION OF COLUMNS FOR

MS TANKS

DWG No: **ECIL/RAFT**

SHEET SIZE	SCALE	REVISION
A3	NTS	01
SHEET		
1 OF 1		