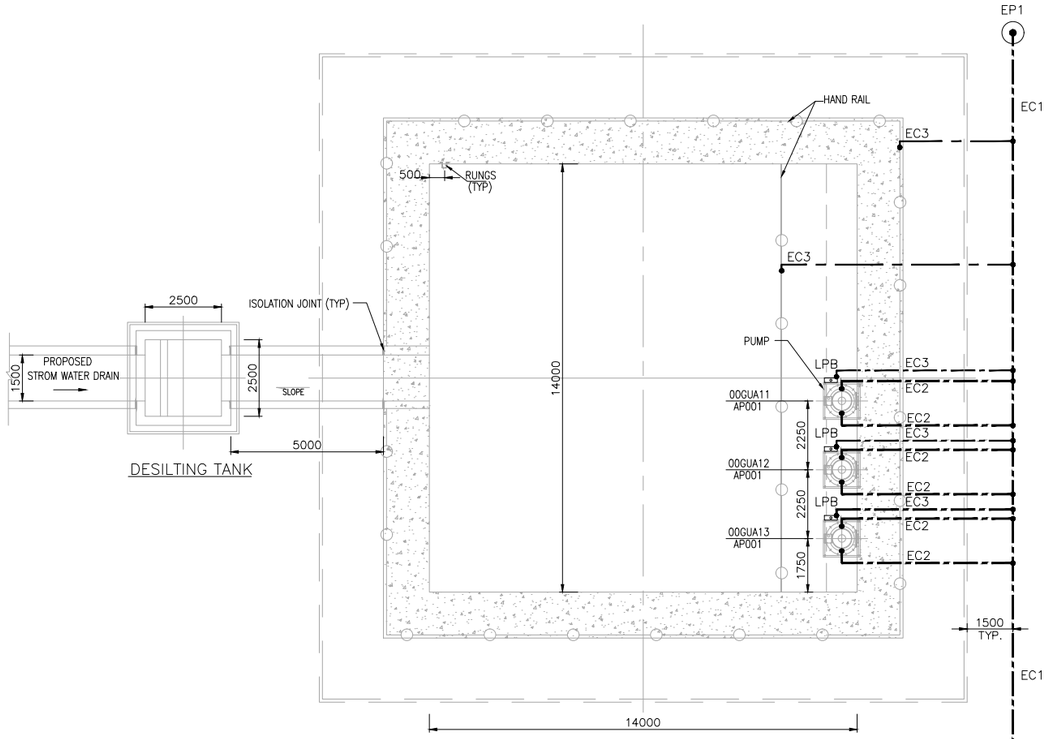
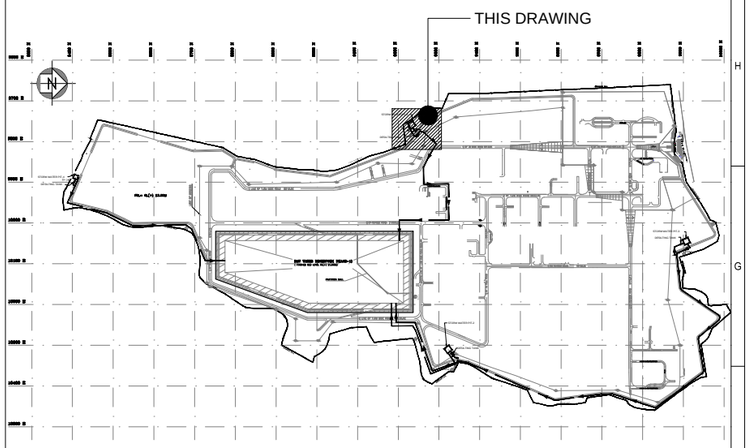


PLAN OF STORM WATER PIT 1

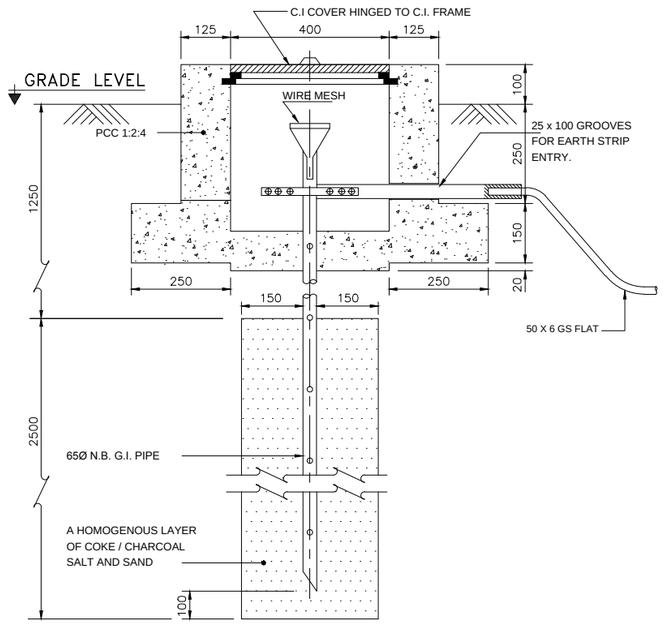
(SCALE 1:125)



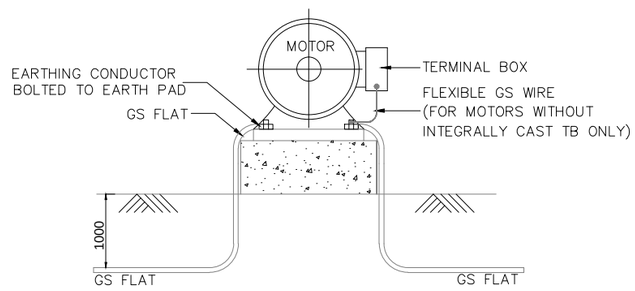
KEYPLAN:

BILL OF MATERIALS:-

S.No.	SYMBOL	TYPE	DESCRIPTION	QNTY.
01		EC1	50x6 GS FLAT	70Mts.
02		EC2	8 SWG GI WIRE	35Mts.
03		EP	ELECTRODE IN TREATED EARTH PIT	02 Nos.
04		LPS	LOCAL PUSH BUTTON	03 Nos.



TYPICAL ARRANGEMENT OF PIPE ELECTRODE IN TREATED EARTH PIT



TYPICAL ARRANGEMENT MOTOR EARTHING DETAILS

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVLES ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. ALL LEVELS ARE BASED ON THE REDUCED LEVEL
3. EARTH PIT AND EARHTING CONDUCTOR LOCATION SHALL BE CAN BE MODIFIED AS PER SITE CONDITION.
4. LPB EARTHING TO BE DONE AT SITE AS PER SITE REQUIREMENT
5. GALVANIZED STEEL FLATS WHICH HAVE BEEN WELDED AT SITE SHALL BE COATED WITH TWO (2) COATS OF COLD GALVANIZING ANTI–CORROSIVE PAINT AFTER WELDING (MIN. 1MM THICK).
6. ALL EARTH CONDUCTORS SHALL PENETRATE WALL HORIZONTALLY THROUGH PVC PIPE SLEEVE.

EC–1
- 1 – 50 X 6 GS FLAT
- 2 – 8 SWG GI WIRE

REV.	DATE	DESCRIPTION	DRN.	STR.	MECH.	ELEC.	INST.
R0	27.12.13	FOR APPROVAL	KR			DJS	

APPROVED BY

FICHTNER
Consulting Engineers
(India) Private Limited
Chennai

ONGC TRIPURA POWER COMPANY PRIVATE LIMITED.
726.6 MW COMBINED CYCLE POWER PROJECT
PALLATANA, TRIPURA

	SIGNATURE	DATE
DRAWN	KR	27.12.13
DESIGNED	RSV	27.12.13
CHECKED	RSV	27.12.13
DEPT.HEAD	DJS	27.12.13
PROJ.MGR.	DKS/RUV	27.12.13

TITLE

STORM WATER PIT –1
EARTHING LAYOUT

RELEASED FOR: PRELIMINARY / TENDER ✓ / ENGINEERING

DEPT. ELECT. | JOB NO. 1113112 | SCALE: 1:125 | REV. R0

DWG.NO. 30–1113112–E–001

SHEET : 01 OF 04 SIZE–A3