
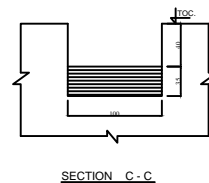
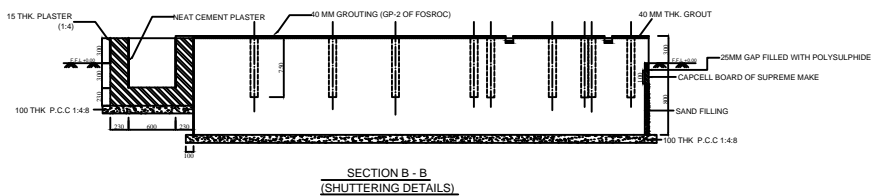
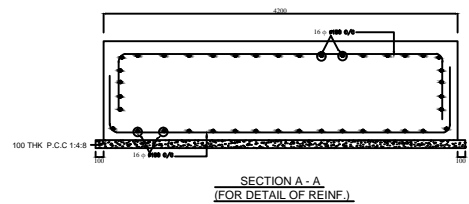
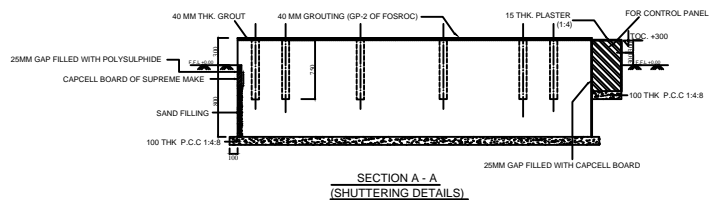
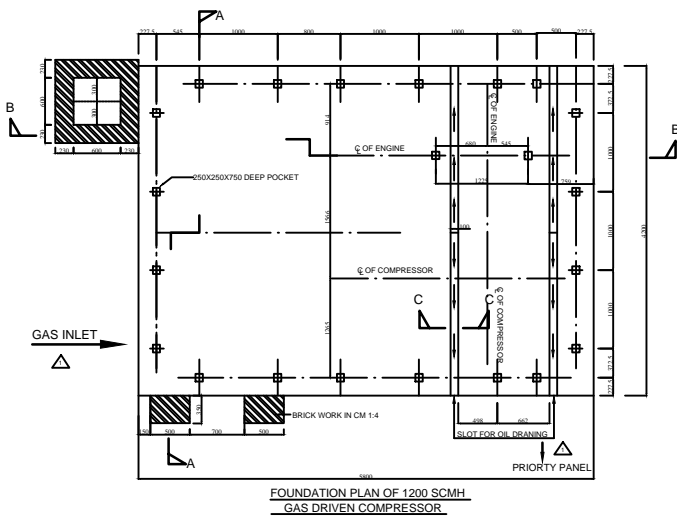



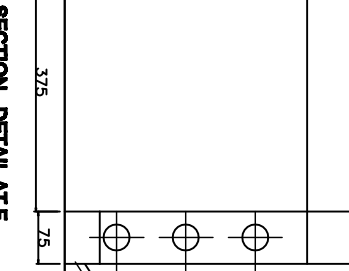
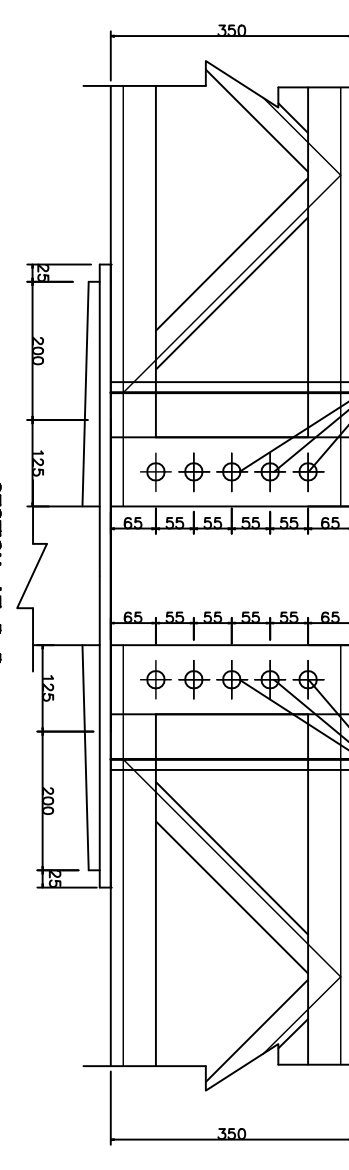
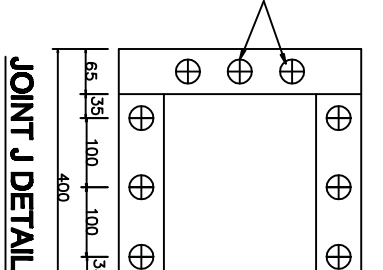
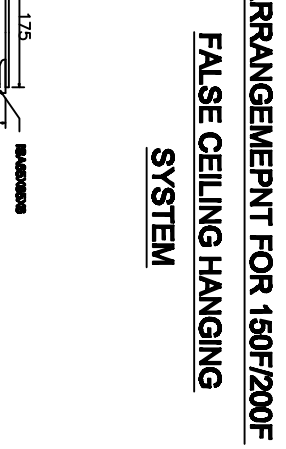
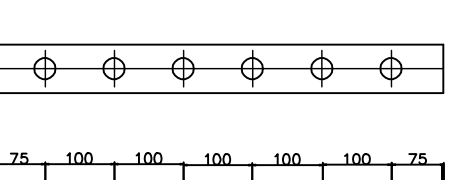
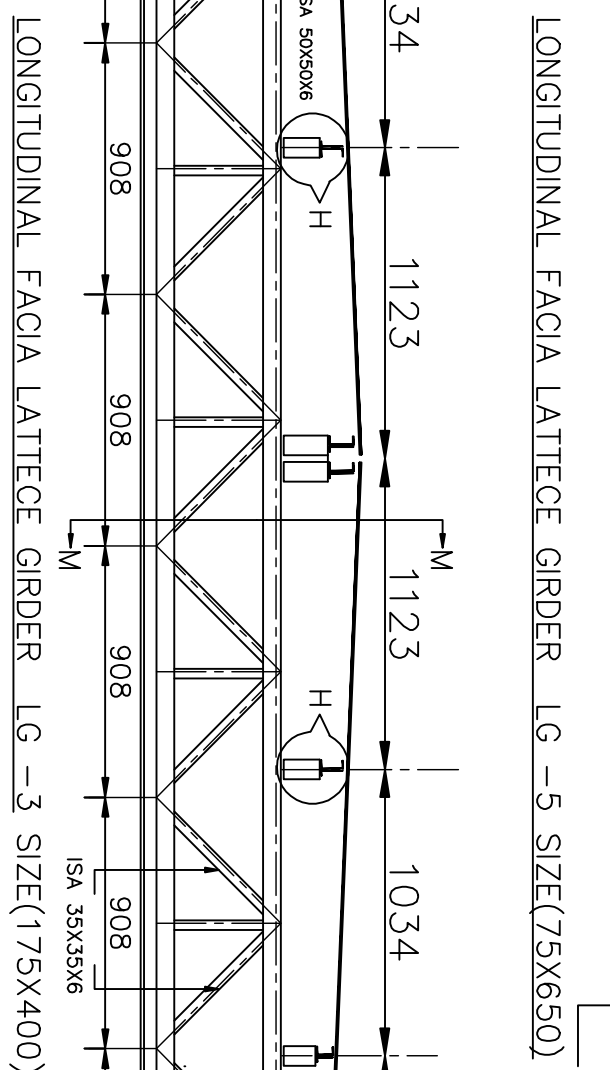
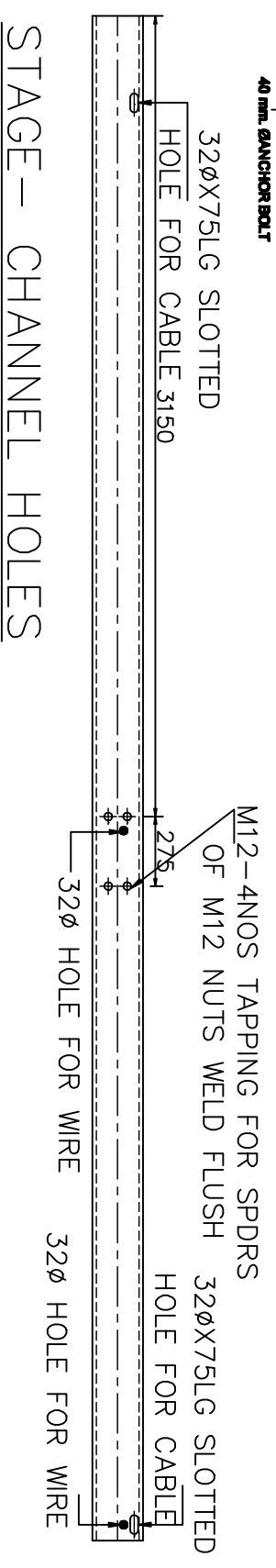
FOR TENDER PURPOSE ONLY

TITLE:- BOUNDARY WALL DETAIL	DSGN:	CHKD. & VERIFIED:		MAHARASTRA NATURAL GAS LIMITED	NORTH
	DRWN:	APPROVED:			CNG & CITY GAS DISTRUBUTION NETWORK PUNE



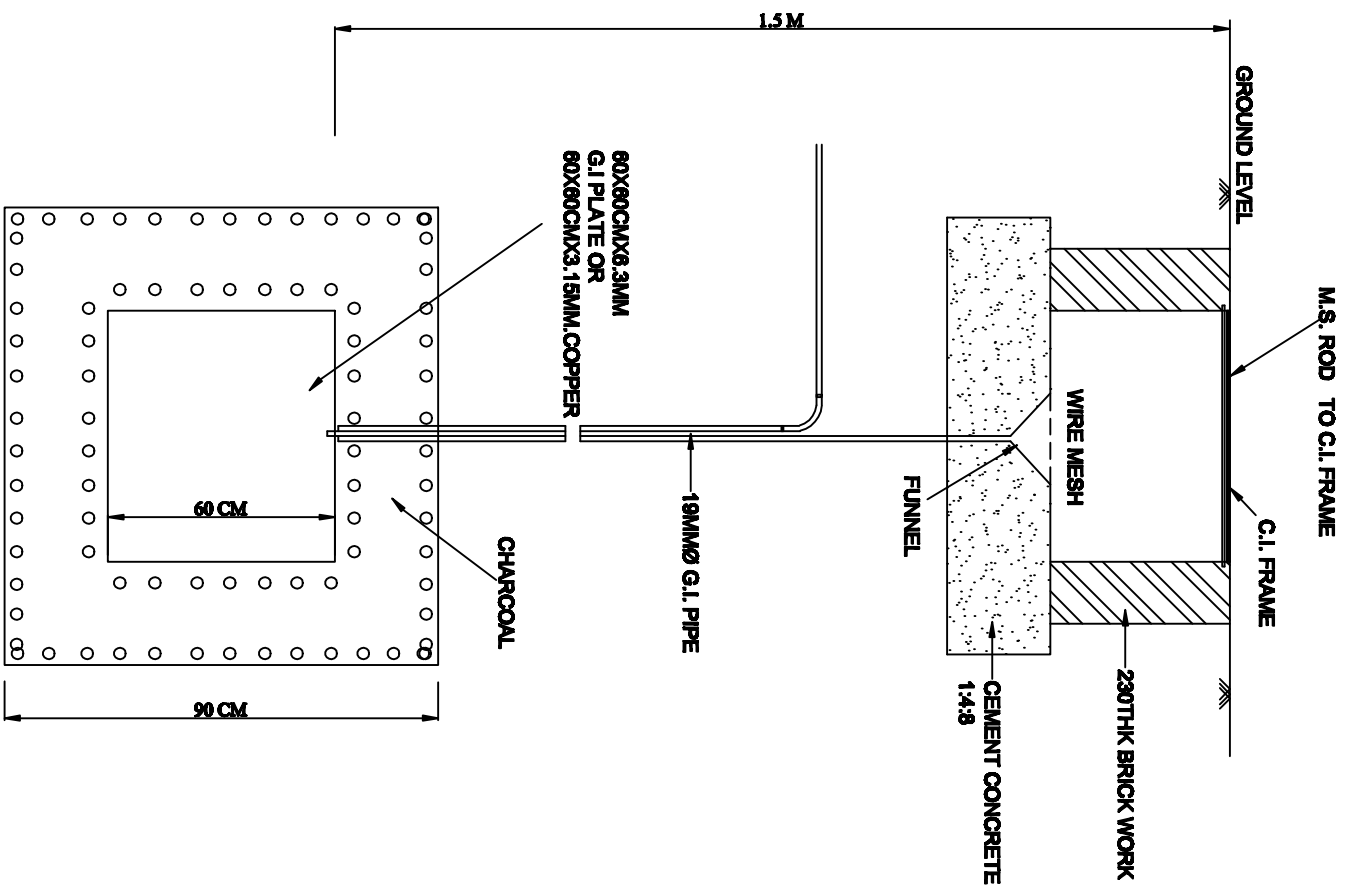
FOR TENDER PURPOSE ONLY

TITLE:- SHUTTERING & REINFORCEMENT DETAILS OF 1200 SCMH GAS ENGINE DRIVEN COMPRESSOR FOUNDATION (KIRLOSKAR MAKE)	DSGN:	CHKD. & VERIFIED:	 MAHARASTRA NATURAL GAS LIMITED	NORTH
	DRWN:	APPROVED:		DATE
			CNG & CITY GAS DISTRUBUTION NETWORK PUNE	




GENERAL NOTES

1. ALL DIMENSIONS ARE IN IN. MM.
2. ALL TAIL TIE WEELS ARE 6 mm THICK UNLESS NOTED OTHERWISE.
3. ALL ERECTION HOLES ARE SHOWN THERE.
4. ALL PERMANENT HOLES ARE SHOWN THERE.
5. ALL MEMBER AND SUBSET PLAT SHOULD BE VERIFIED BY FULL SCALE SHIP LAYOUT.
6. HOLE CONNECTION SIZE:
 - a. PURLIN ANGLE TO CLEATS @14. M, $g \times 45$ kg.
 - b. PURLIN CONNECTIONS @14. M, $g \times 45$ kg.
 - c. FRONZ PLATE TO TRUSS @14 M, $g \times 45$ kg.
 - d. TRUSS TO BEAM / COLUMN @21. M, $g \times 45$ kg.
 - e. BEAM TO BEAM / COLUMN @28 M, $g \times 65$ kg.
 - f. BEAM TO BEAM / COLUMN @44 M, $g \times 40$ kg.

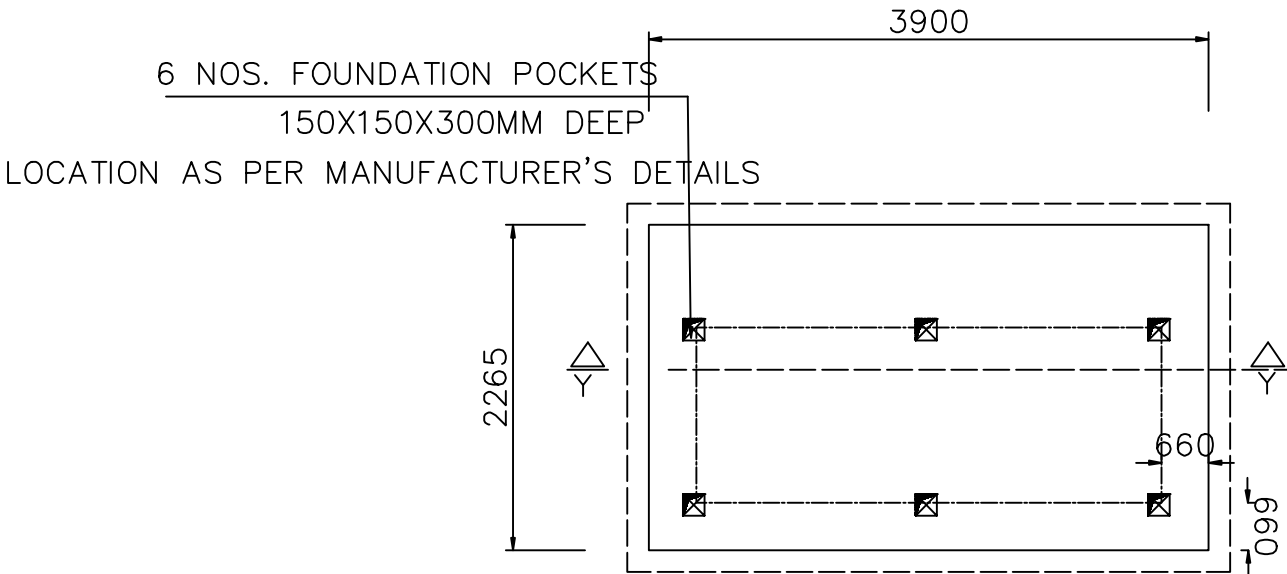


TYPICAL PLATE EARTHING DETAILS

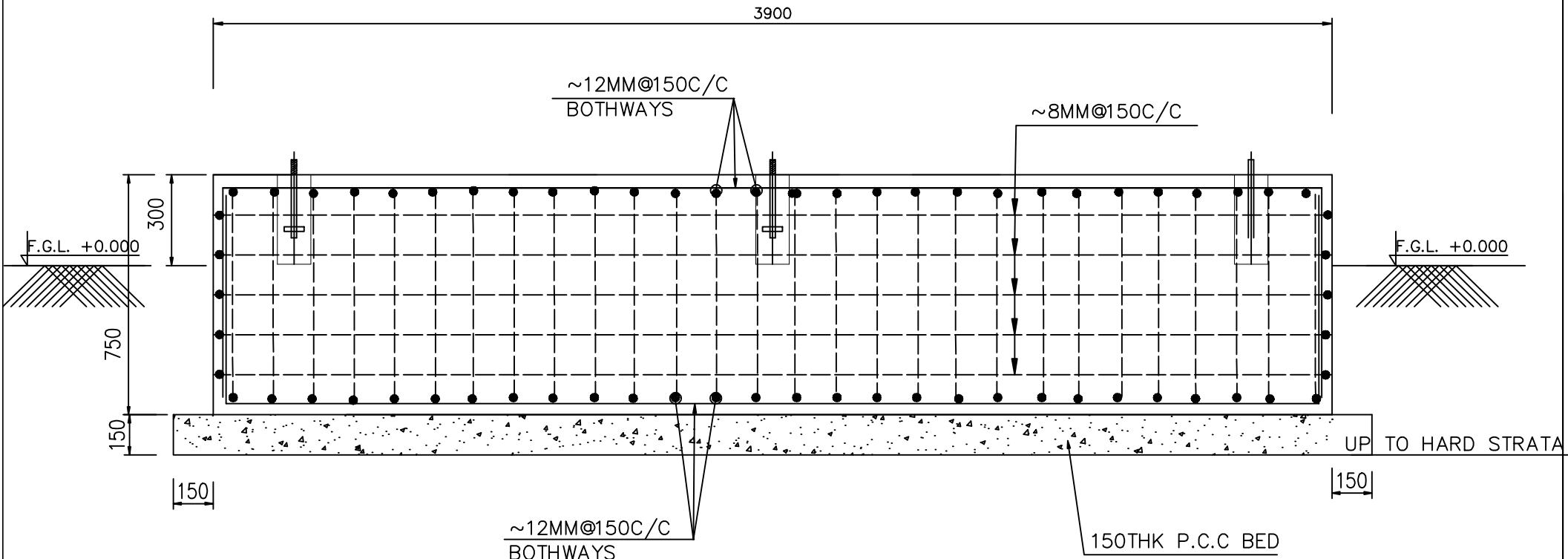
FOR TENDER PURPOSE ONLY

TITLE:-		DESIGN:-	CHECKED & VERIFIED:-	 MNGCL	MAHARASTRA NATURAL GAS LIMITED	NORTH
TYPICAL PLATE EARTHING DETAILS		DRAWN:-	APPROVED:-			CNG & CITY GAS DISTRIBUTION NETWORK PUNE

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



KEY PLAN
FOUNDATION FOR
STATIONARY CASCADE



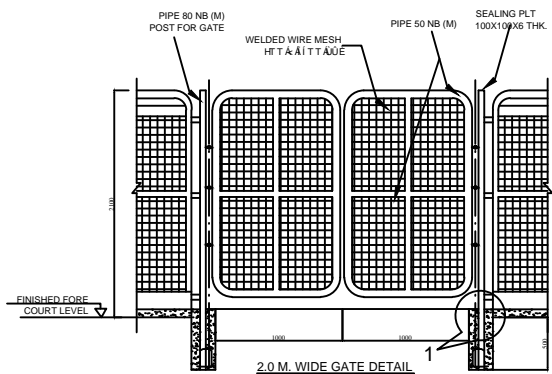
SECTION-Y..Y

NO	DATE	REVISIONS:
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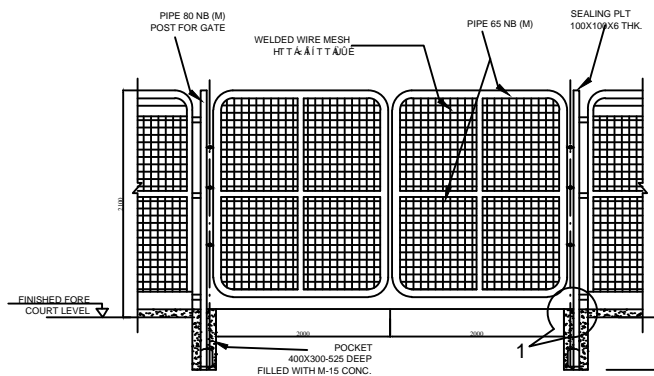
- NOTES:
- FOR GEOMETRIC DIMENSIONS REFER TO ARCHITECT'S DRAWINGS.
 - CONCRETE MIX FOR R.C.C. WORK: M-20 UNLESS STATED OTHERWISE.
 - CLEAR COVER TO MAIN REINFORCEMENT
FOOTING=50mm,COLUMNS=40mm
BEAMS=30mm,SLABS=25mm
PILES=50mm
 - ALL REINFORCEMENT TO BE C.T.D BARS GRADE Fe-415 EXCEPT $\phi 6$ mm IN MILD STEEL.
 - SAFE BEARING CAPACITY OF SOIL ASSUMED: TO BE ASCERTAINED BEFORE CONCRETING.
 - BUILDING DESIGNED FOR:
LAPS FOR MAIN REINFORCEMENT
COLUMNS:-46X DIA OF BAR
BEAMS & SLABS - 60X DIA OF BAR.
NO LAPS IN FOOTING REINFORCEMENT.
 - CENETRING SHALL BE THE RESPONSIBILITY OF CONTRACTOR.

FOR TENDER
PURPOSE ONLY

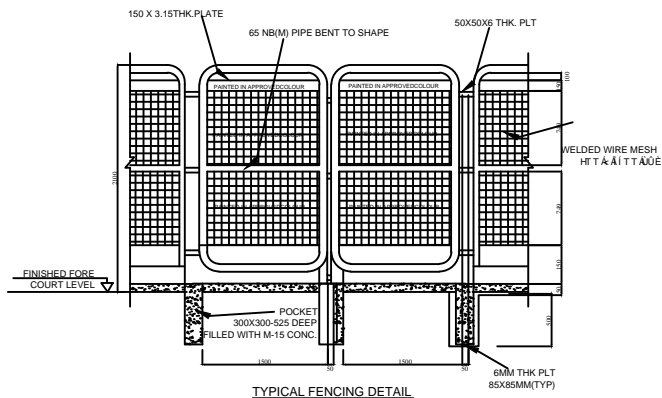
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



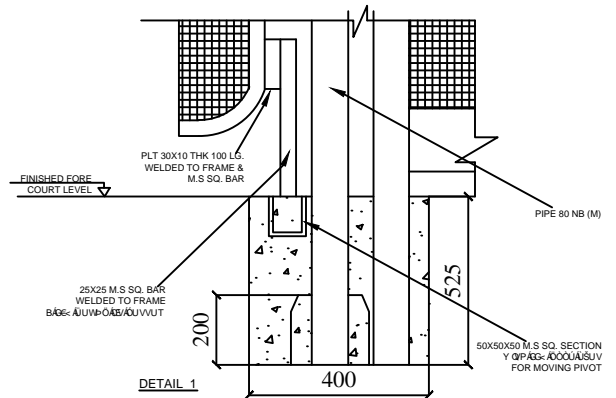
2.0 M. WIDE GATE DETAIL




4.0 M. WIDE GATE DETAIL

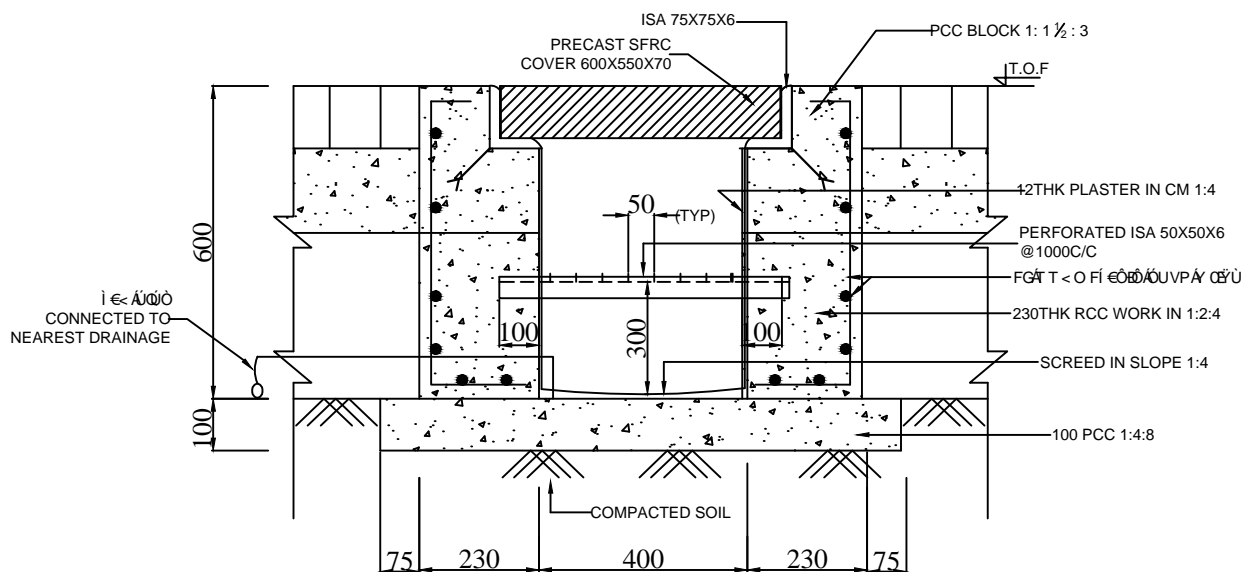


TYPICAL FENCING DETAIL

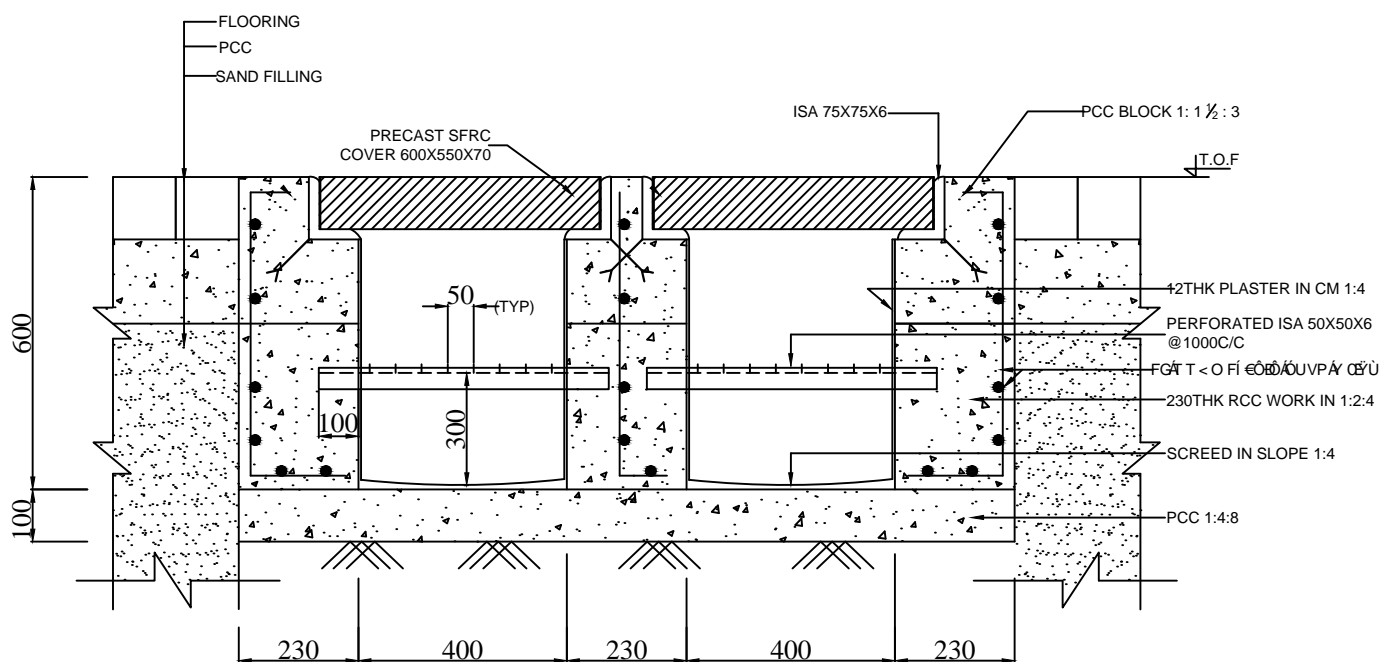


DETAIL 1

TITLE:- TYPICAL DETAIL OF GATE & FENCING (2100 MM HIGH)	DSGN:	CHKD. & VERIFIED:	 MAHARASTRA NATURAL GAS LIMITED	NORTH
	DRWN:	APPROVED:		DATE
			CNG & CITY GAS DISTRUBUTION NETWORK PUNE	



TYPICAL DETAIL OF SINGLE SS TUBE TRENCH




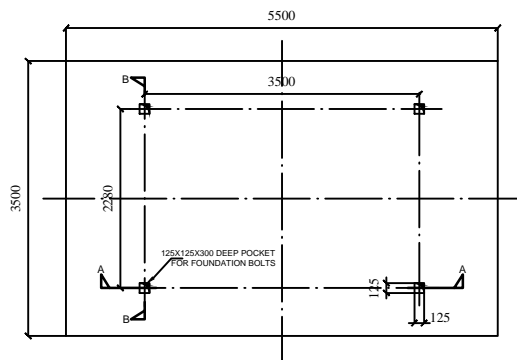
TYPICAL DETAIL OF DOUBLE SS TUBE TRENCH

NOTE:-

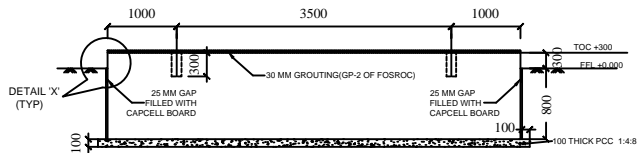
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN M.
2. FOR LOCATION OF TRENCH REFER LAYOUT DRG.

FOR TENDER PURPOSE ONLY

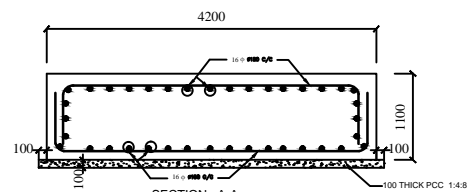
TITLE:- TYPICAL DETAIL OF SS TUBE TRENCH	DSGN:	CHKD. & VERIFIED:	 MAHARASTRA NATURAL GAS LIMITED	NORTH
	DRWN:	APPROVED:		
			CNG & CITY GAS DISTRUBUTION NETWORK PUNE	DATE



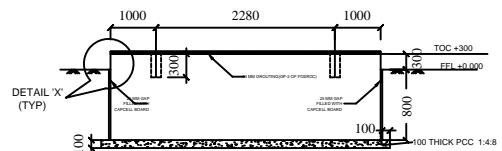
FOUNDATION PLAN OF 1200 SCMH & 750 SCMH
ELECTRIC MOTOR DRIVEN COMPRESSOR



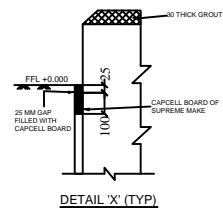
SECTION A-A
(SHUTTERING DETAILS)




SECTION A-A
FOR DETAIL OF REINF.

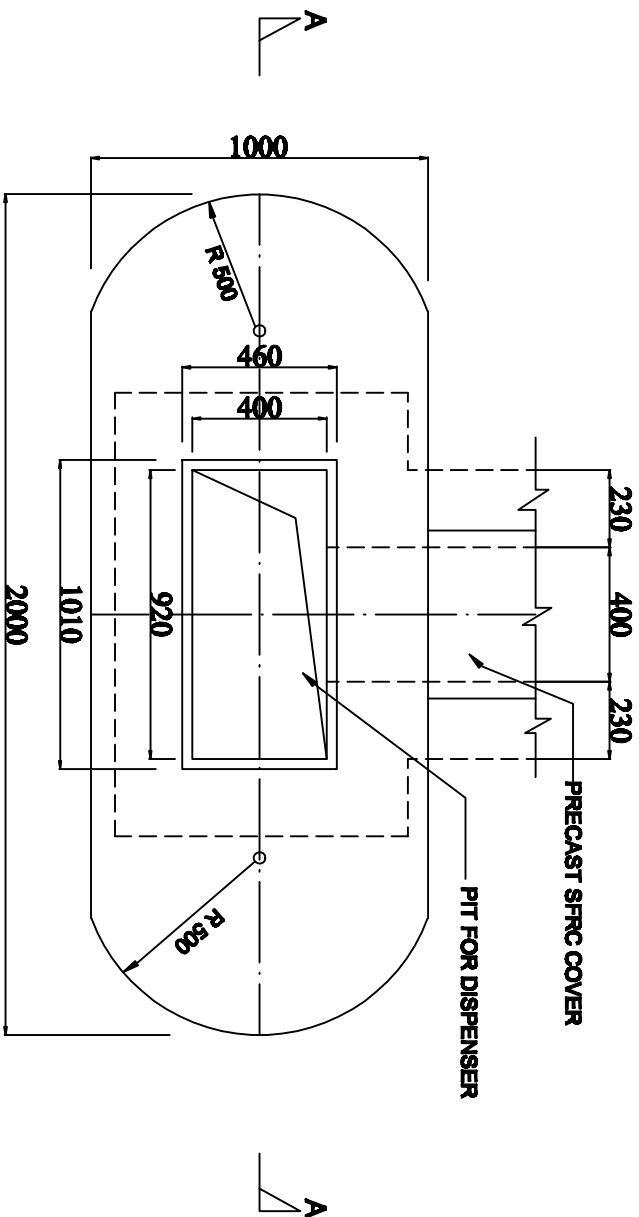


SECTION B-B
(SHUTTERING DETAILS)

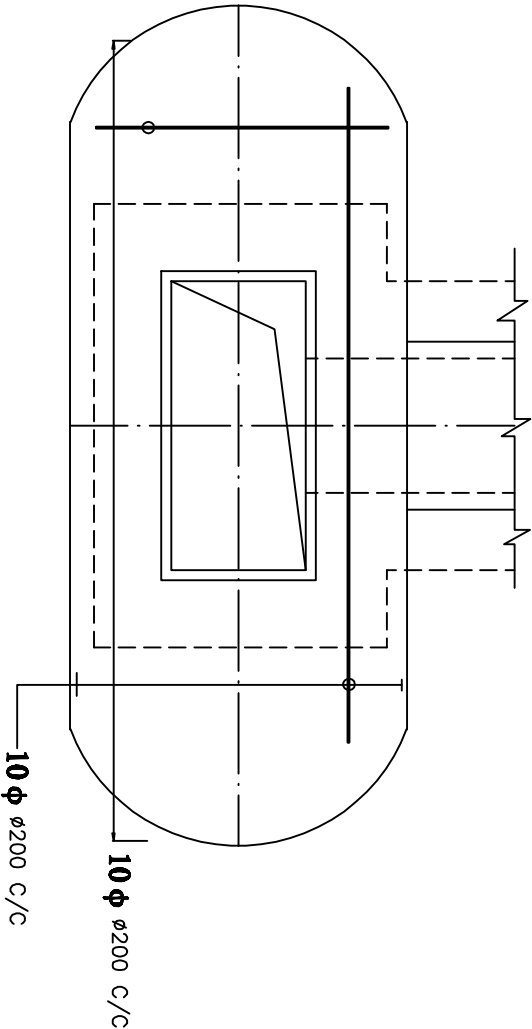


DETAIL 'X' (TYP)

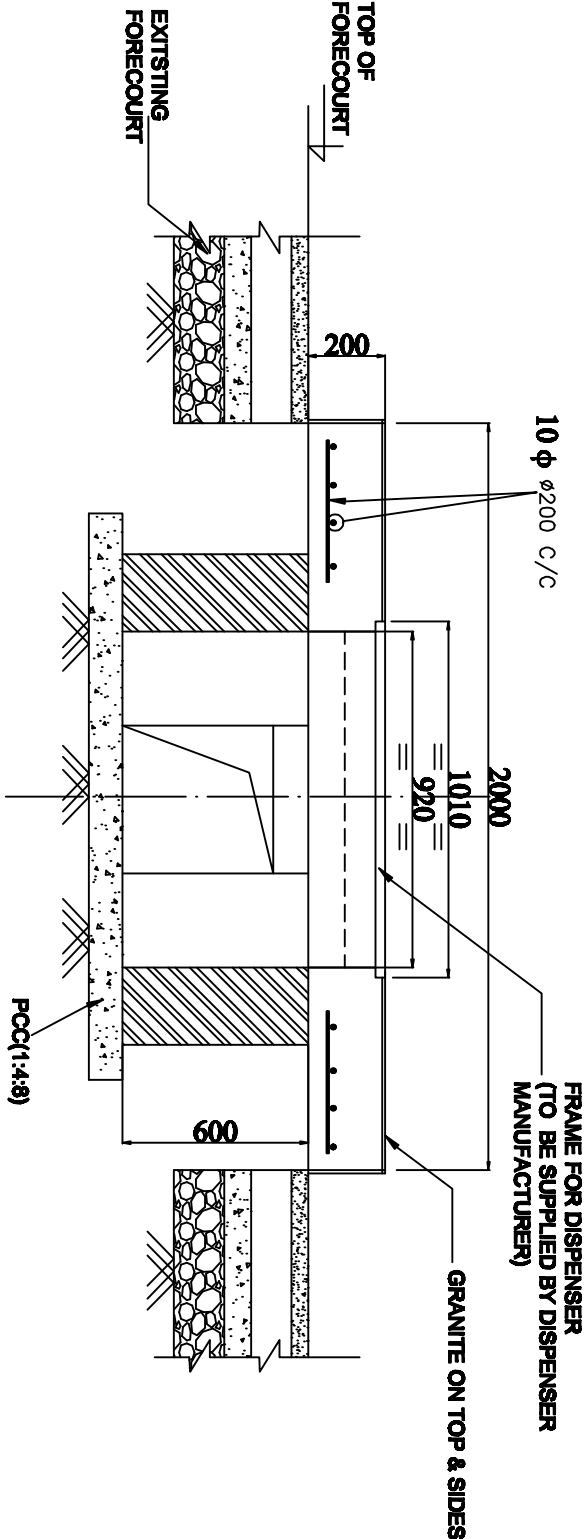
TITLE:- SHUTTERING & REINFORCEMENT DETAIL OF 1200 & 750 SCMH MOTER DRIVEN COMPRESSOR FOUNDATION (KIRLOSKAR MAKE)	DSGN:	CHKD. & VERIFIED:		MAHARASTRA NATURAL GAS LIMITED	NORTH
	DRWN:	APPROVED:		CNG & CITY GAS DISTRUBUTION NETWORK PUNE	DATE



PLAN OF DISPENSER ISLAND




REINF. DETAIL OF DISPENSER ISLAND BASE SLAB
(REINFORCEMENT TO BE SUITABLY CUT & ADJUSTED AROUND OPENING)

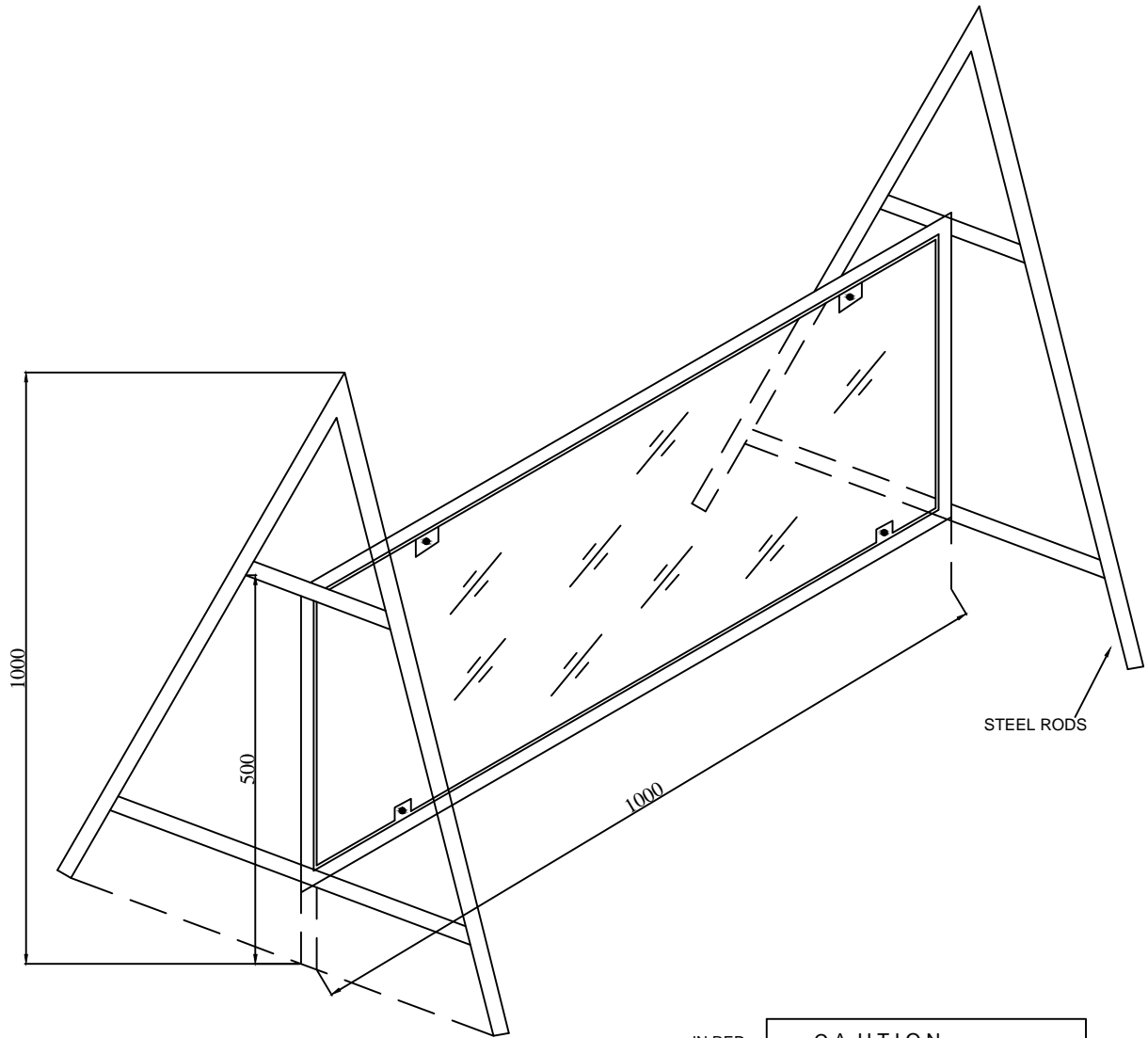


SECTION A-A

- NOTES:
1. ALL DIMENSIONS ARE IN MM.
 2. ONLY FIGURED DIMENSION ARE TO BE FOLLOWED.
 3. ALL R.C.C. USED SHALL BE OF GRADE (1:1 ½ :3) AS PER IS:456-2000. UNLESS OTHERWISE SPECIFIED.
 4. ALL R/F STEEL SHALL BE HYSD (FE 415) CONFORMING TO IS:1786.
 5. FOR EXACT LOCATION & ORIENTATION OF DISPENSER ISLAND REFER LAYOUT DRAWING.


FOR TENDER PURPOSE ONLY

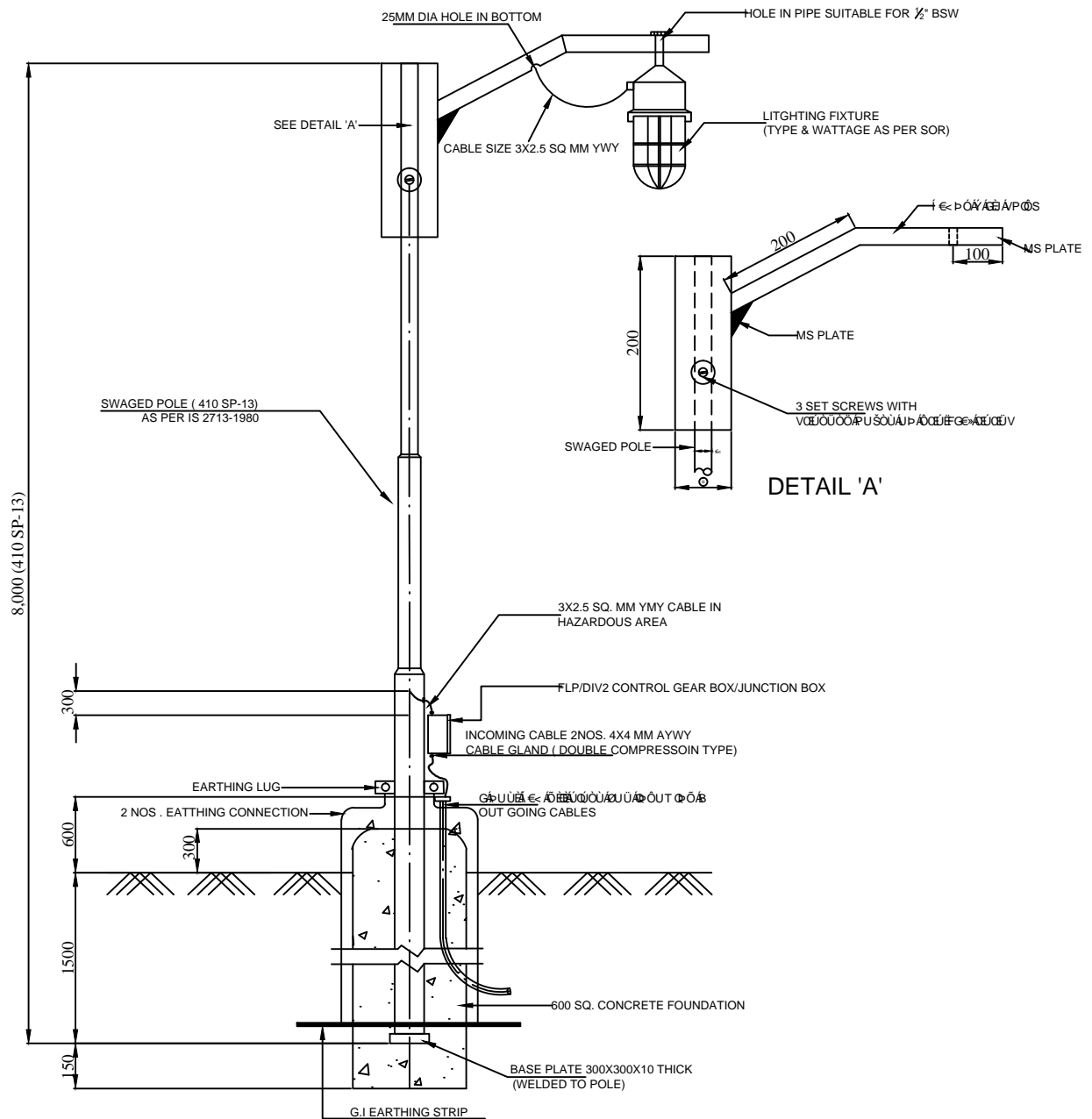
TITLE:- DETAILS OF DISPENSER ISLAND WITHOUT CANOPY (REINFORCEMENT & SHUTTERING)	DSGN:		CHKD. & VERIFIED:		<div></div> <div>MAHARASTRA NATURAL GAS LIMITED</div>	NORTH
	DRWN:		APPROVED:			
	CNG & CITY GAS DISTRUBUTION NETWORK PUNE					



IN RED → CAUTION
 WORK IN PROGRESS
 LAYING OF HIGH PRESSURE PIPELINE
 IN BLACK { CLIENT : CLIENT'S NAME
 CONTRACTOR : CONTRACTOR'S NAME
 DATE OF COMMENCEMENT :
 DATE OF COMPLETION :
 EMERGENCY PHONE NOS :

FOR TENDER PURPOSE ONLY


TITLE:- CAUTION BOARD	DSGN:	CHKD. & VERIFIED:		MAHARASTRA NATURAL GAS LIMITED	NORTH
	DRWN:	APPROVED:			CNG & CITY GAS DISTRUBUTION NETWORK PUNE

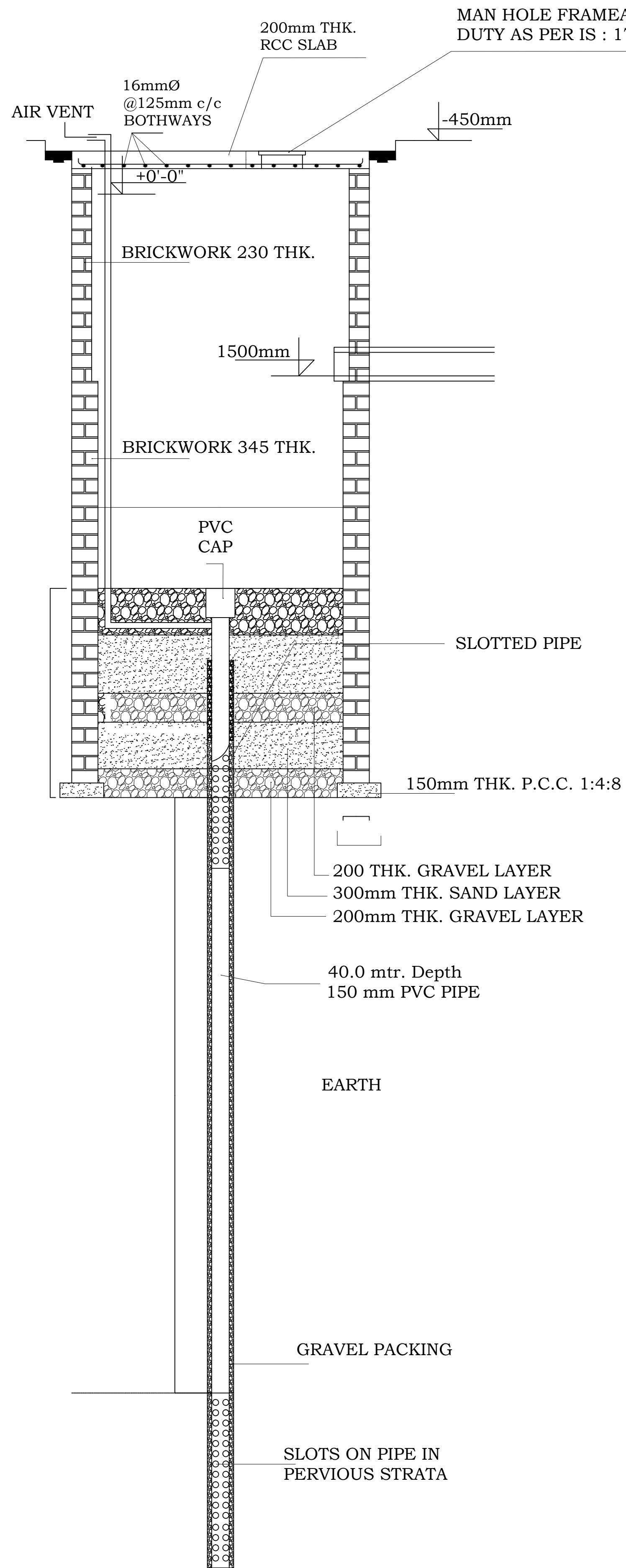


NOTE:-

1. MARSHALLING BOX , JUNCTION BOX & G.I. PIPES FOR CABLES SHALL BE PROVIDED ON THE CABLE TRENCH SIDE.
2. (⊙) TO SUIT OD (TOP SECTION)

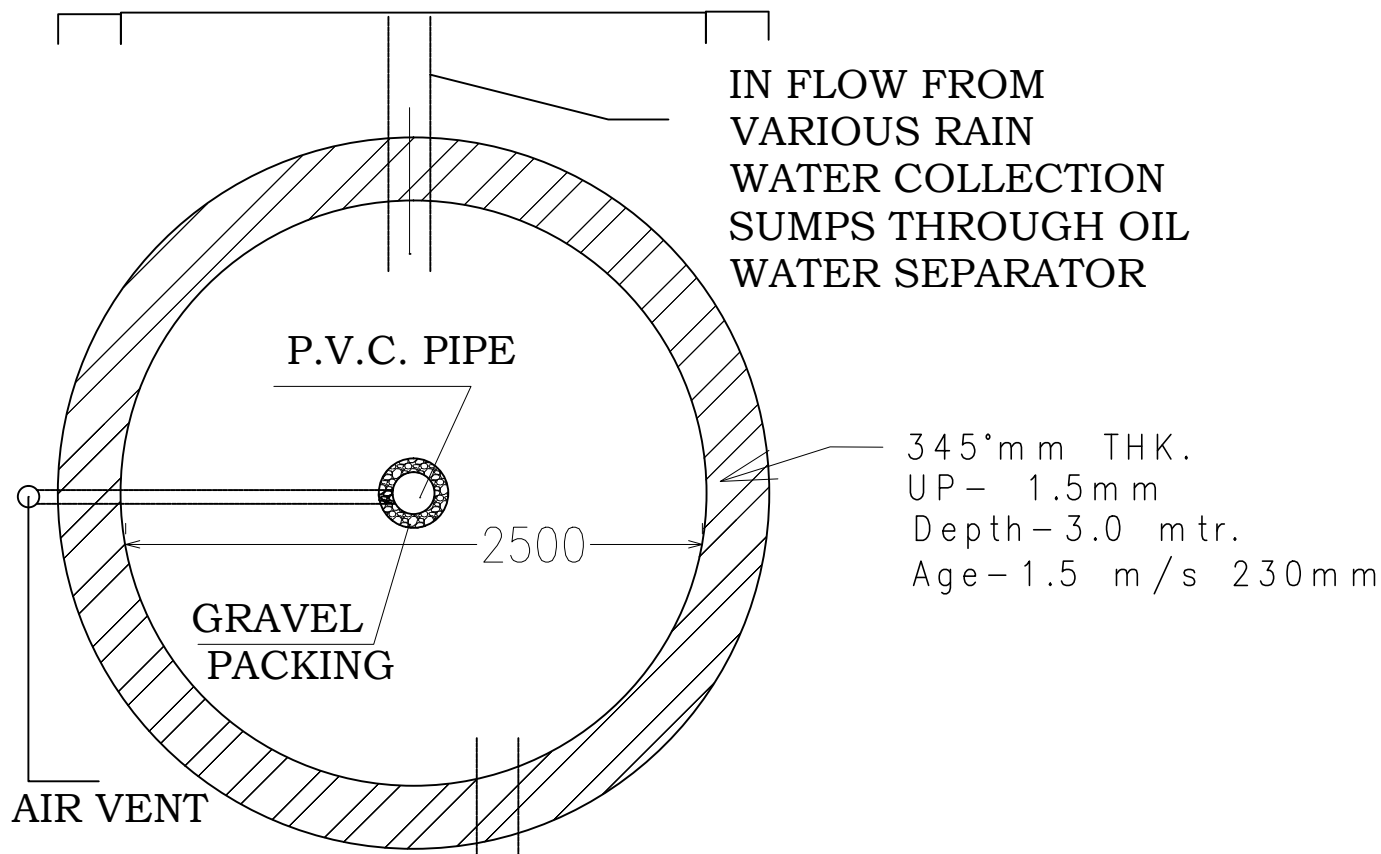
FOR TENDER PURPOSE ONLY

TITLE:- TYPICAL INSTALLATION OF POLE MOUNTED LIGHTING FIXTURE WITH STRAIGHT ARM FOR HAZARDOUS AREAS (WITHOUT RUNGS)	DSGN:	CHKD. & VERIFIED:		MAHARASTRA NATURAL GAS LIMITED	NORTH
	DRWN:	APPROVED:	CNG & CITY GAS DISTRUBUTION NETWORK PUNE		DATE



SECTION
RAIN WATER
HARVESTING WELL

DETAILS OF PROVISIONS FOR RAIN WATER HARVESTING
SCALE-NTS.

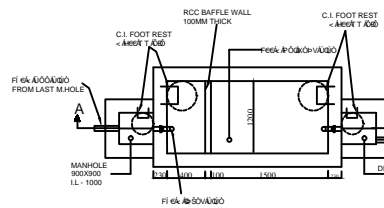


MAIN DRAIN OUTSIDE R.O.

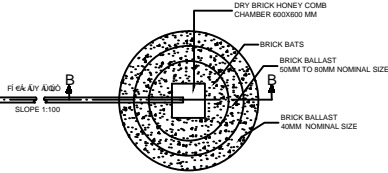
DETAILS OF PROVISIONS FOR RAIN WATER HARVESTING PIT
SCALE-NTS.

TENDER PURPOSE ONLY

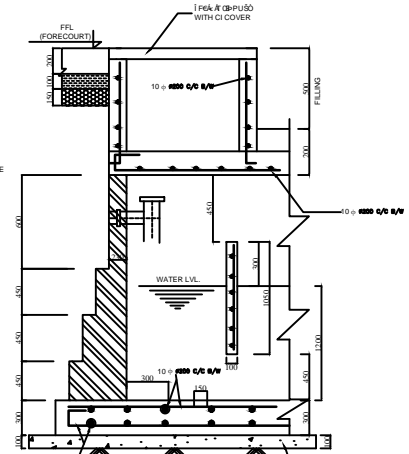
MAHARASHTRA NATURAL GAS LIMITED



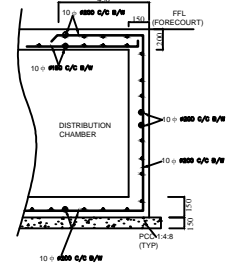
SEPTIC TANK PLAN



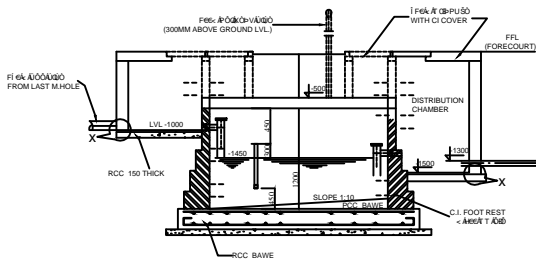
SOAK PIT



TYPICAL TANK (SEPTIC TANK)



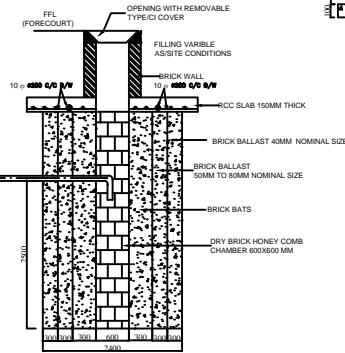
R/F DETAIL OF DISTRIBUION CHAMBER (TYP)



SECTION - AA




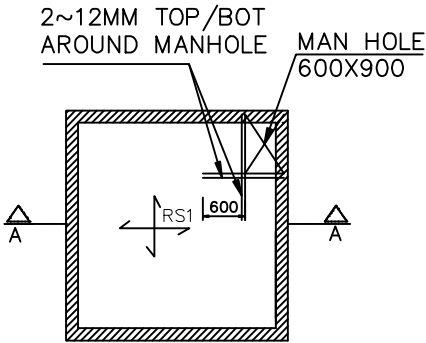
DETAIL 'X'



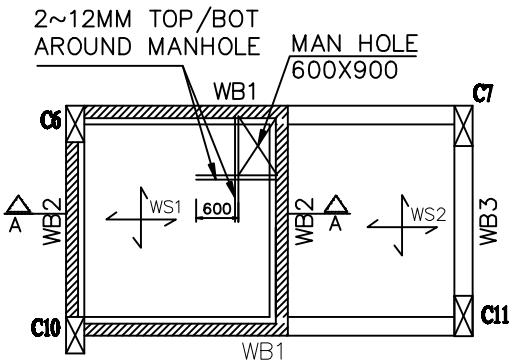
SECTION - BB

FOR TENDER PURPOSE ONLY

TITLE:- TYPICAL DETAIL OF SEPTIC TANK & SOAK PIT	DSGN:	CHKD. & VERIFIED:	 MAHARASTRA NATURAL GAS LIMITED	NORTH
	DRWN:	APPROVED:		CNG & CITY GAS DISTRUBUTION NETWORK PUNE



KEY PLAN AT
TANK ROOF LEVEL



KEY PLAN AT
TANK BOTTOM LEVEL

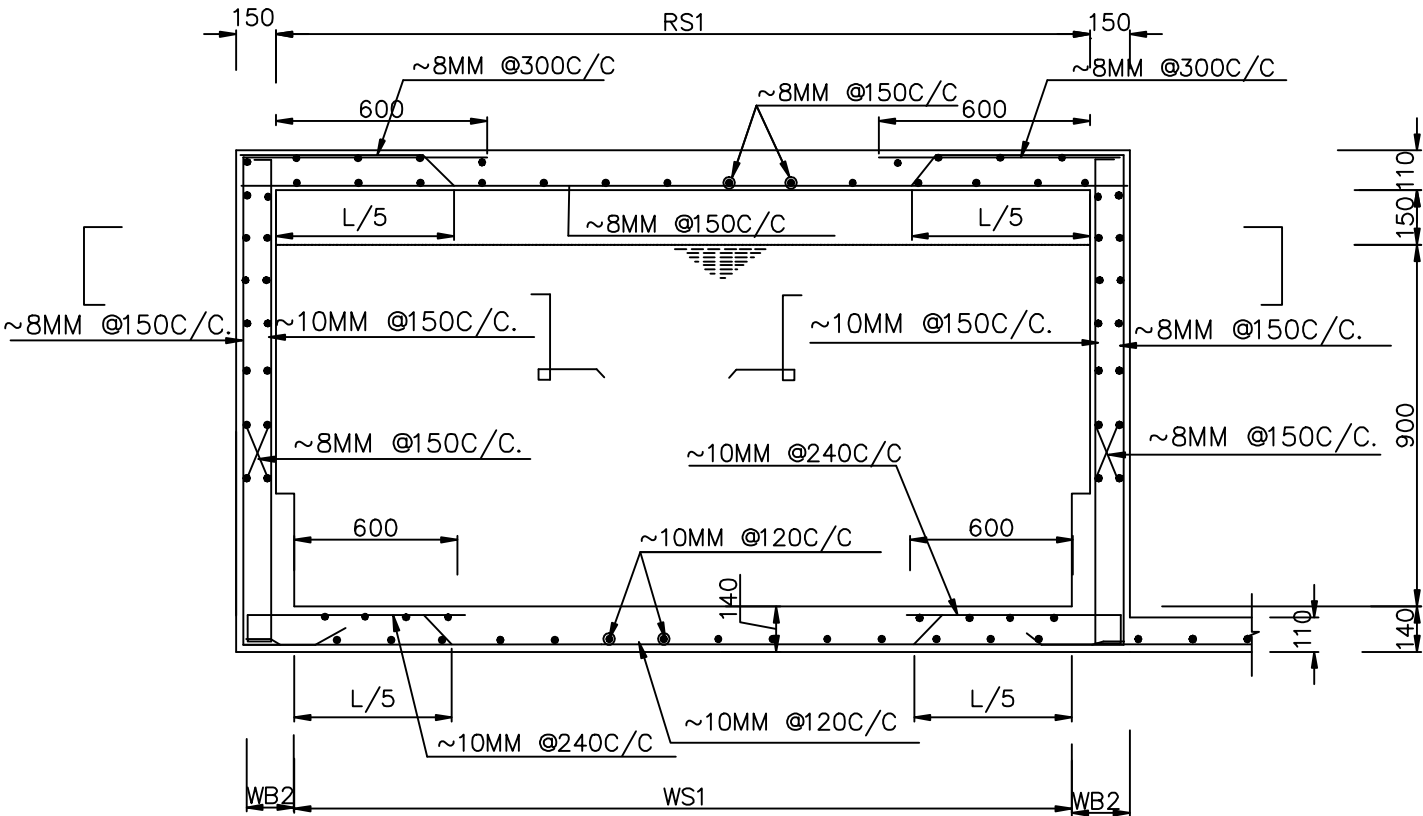
RCC DETAILS OF BEAMS (CURTAILMENT)

TYPE	OVER ALL SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT			STIRRUPS	REMARKS
	B	D	FULL LENGTH BARS	CURTAILED @ L/7 FROM SUPPORT	AT CENTER	END SUPPORT	CONTINUOUS SUPPORT		
WB1	230	600	3~ 20mm	2~ 20mm	2~ 12mm	2~ 20mm		~8MM @ 100(6) 150(6) 200C/C	INVERTED
WB2	230	450	2~ 16mm	2~ 12mm	2~ 12mm	2~ 16mm	--	~8MM @ 100(8) 200C/C	INVERTED
WB3	230	300	2~ 12mm	1~ 10mm	2~ 8mm	2~ 12mm		~8MM @ 100(4) 200C/C	

RCC DETAILS OF SLABS

TYPE	THICKNESS	REINFORCEMENT		REMARKS
		SHORT SPAN	LONG SPAN	
WS1	140	~10MM @120C/C	~10MM @120C/C	TWO WAY
RS1	110	~8MM @150C/C	~8MM @150C/C	TWO WAY
WS2	110	~8MM @170C/C	~8MM @200C/C	TWO WAY

ADVANCE COPY

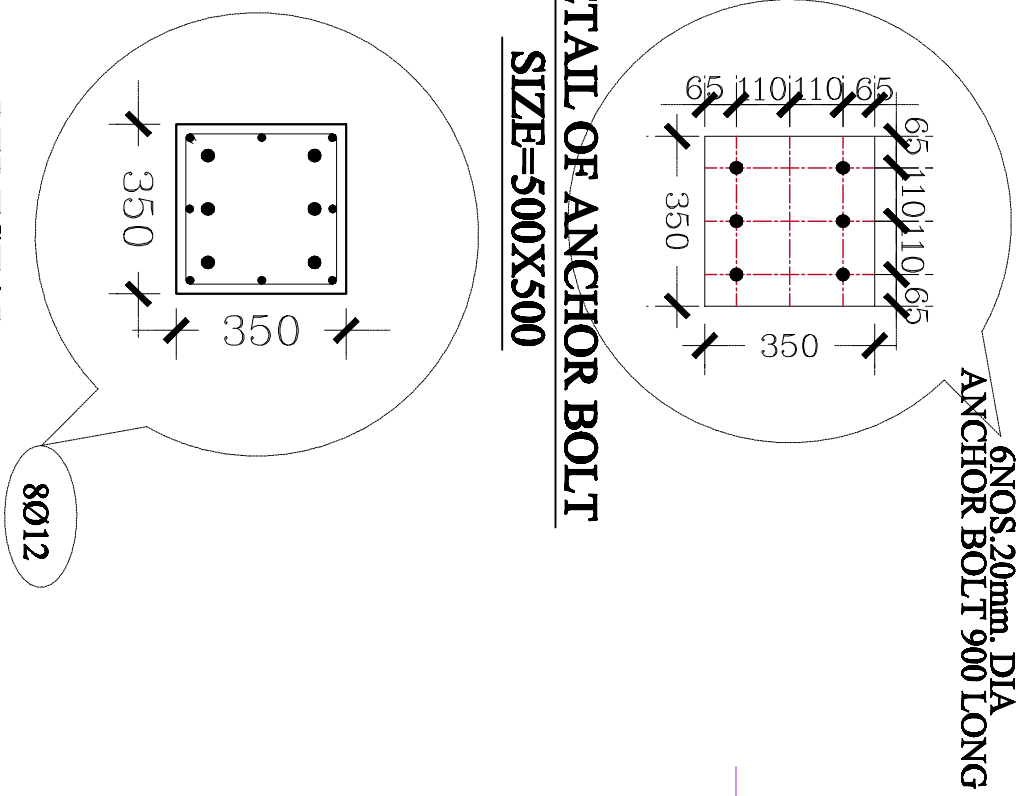


SECTION OF WATER TANK A - A

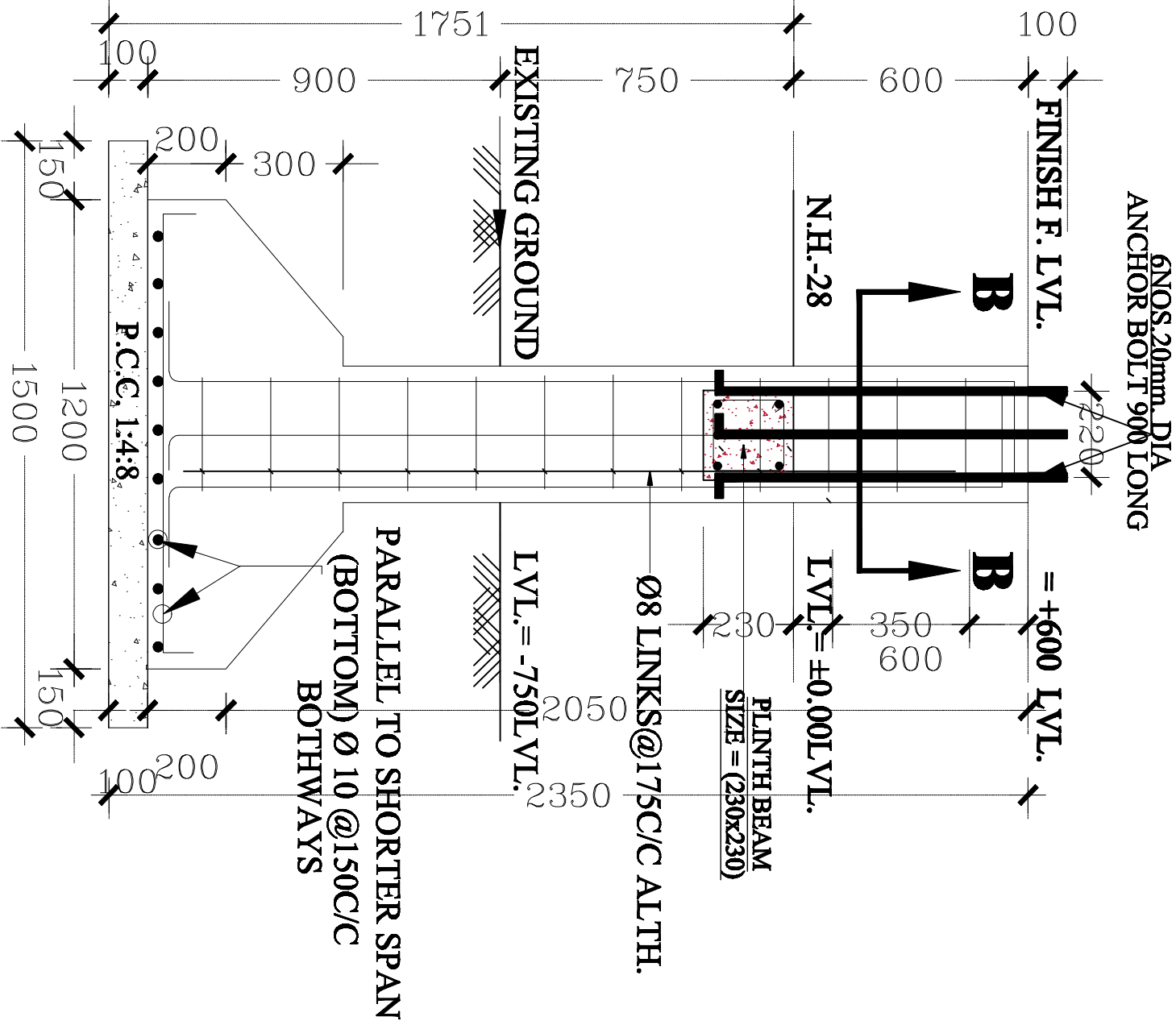
NO	DATE	REVISIONS:
NOTES: <ul style="list-style-type: none">• FOR GEOMETRIC DIMENSIONS REFER TO ARCHITECT'S DRAWINGS.• CONCRETE MIX FOR R.C.C. WORK: <u>M-200</u> UNLESS STATED OTHERWISE.• CLEAR COVER TO MAIN REINFORCEMENT FOOTING=50mm,COLUMNS=40mm BEAMS=30mm,SLABS=25mm PILES=50mm• ALL REINFORCEMENT TO BE C.T.D BARS GRADE Fe-415 EXCEPT Ø6 mm IN MILD STEEL.• SAFE BEARING CAPACITY OF SOIL ASSUMED: TO BE ASCERTAINED BEFORE CONCRETING.• BUILDING DESIGNED FOR: LAPS FOR MAIN REINFORCEMENT COLUMNS:-46X DIA OF BAR BEAMS & SLABS - 60X DIA OF BAR. NO LAPS IN FOOTING REINFORCEMENT.• CENETRING SHALL BE THE RESPONSIBILITY OF CONTRACTOR.		

FOR TENDER PURPOSE ONLY
U/G WATER TANK(INDICATIVE)

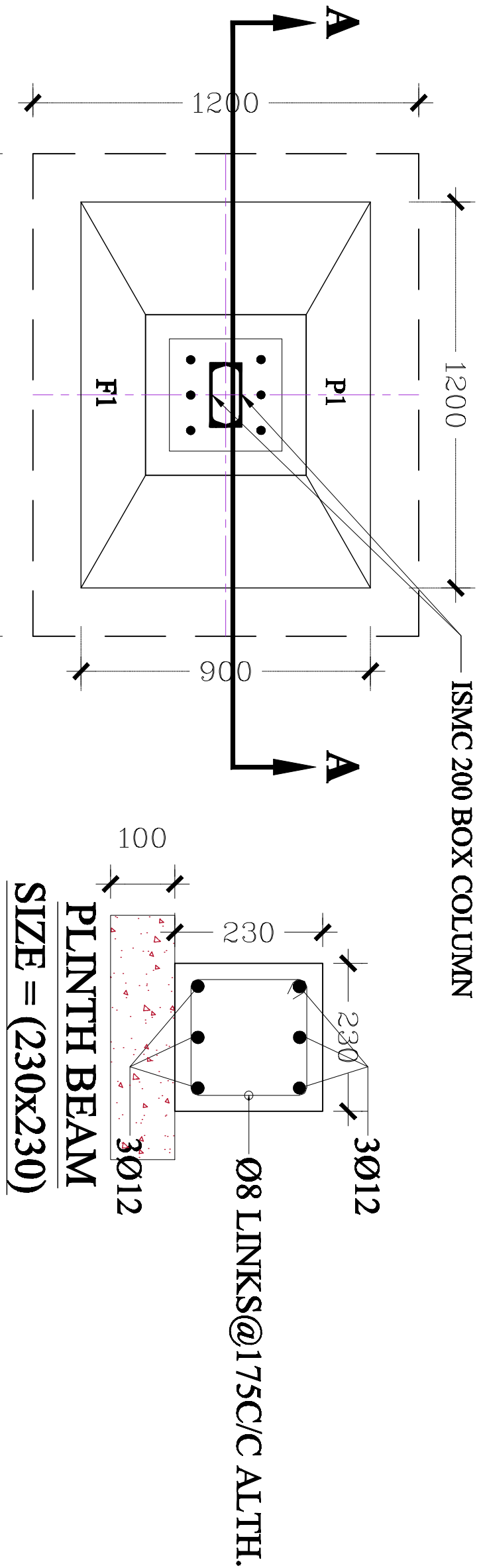
MAHARASHTRA NATURAL
GAS LIMITED



**PEDESTAL
SECTION AT-BB**

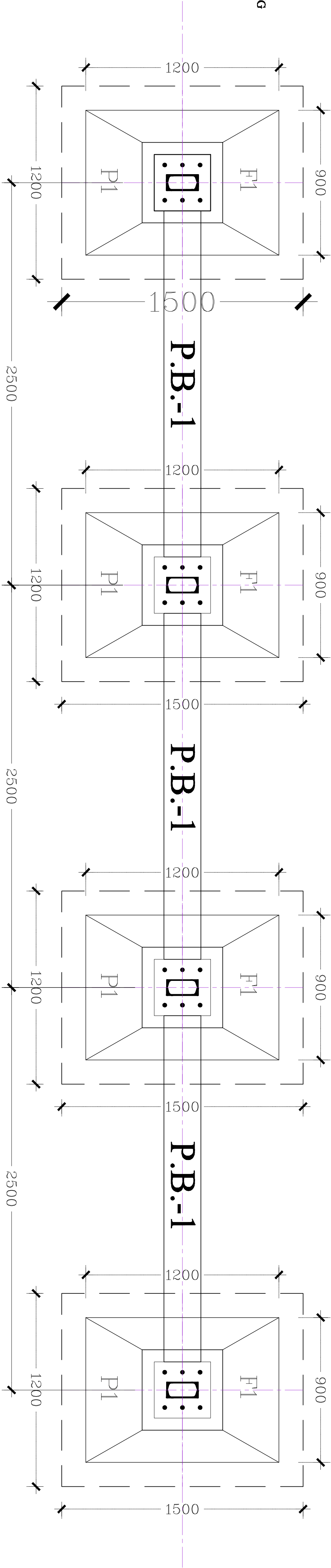


SECTION AT-AA



FOOTING DETAIL OF-F1P1

FOOTING SIZE=900X1200



FOUNDATION LAY-OUT PLAN

