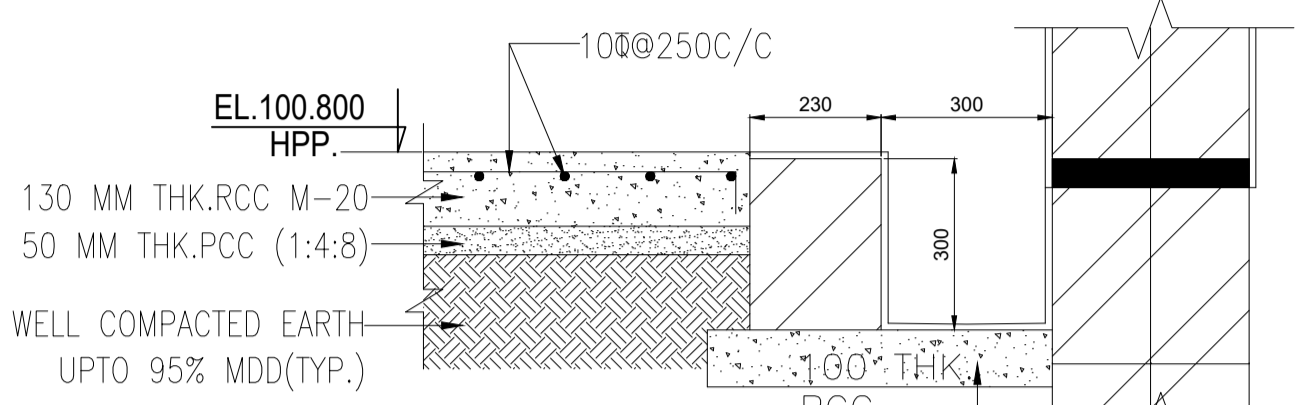
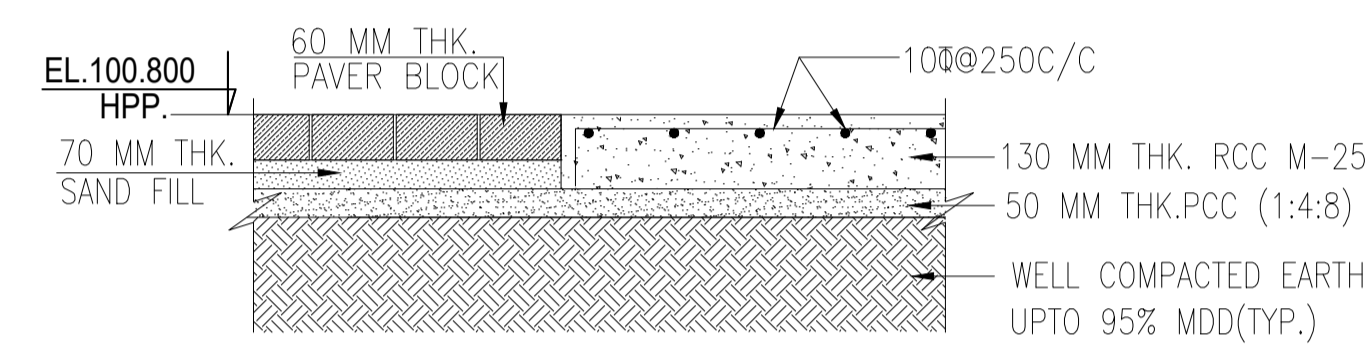


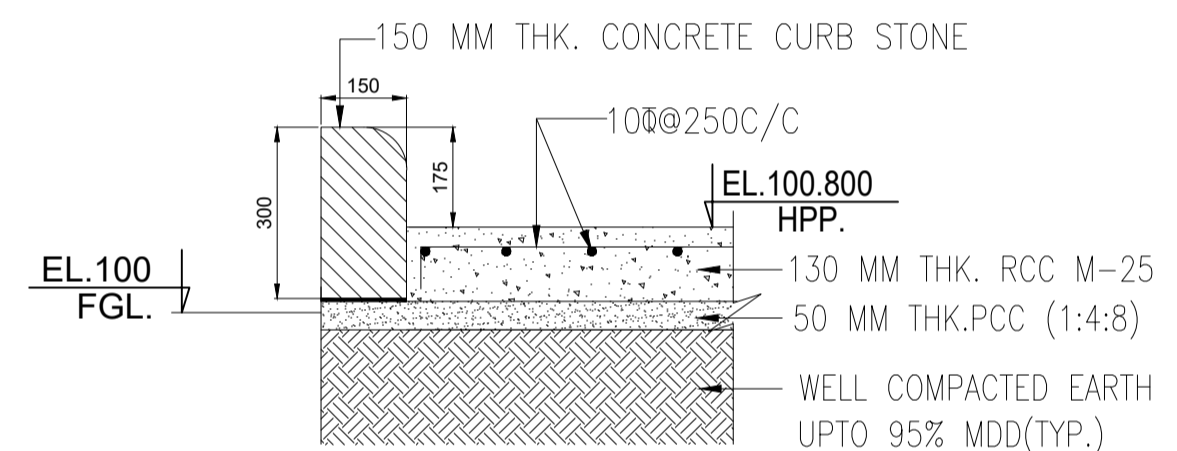
TYP.DETAIL OF PAVEMENT



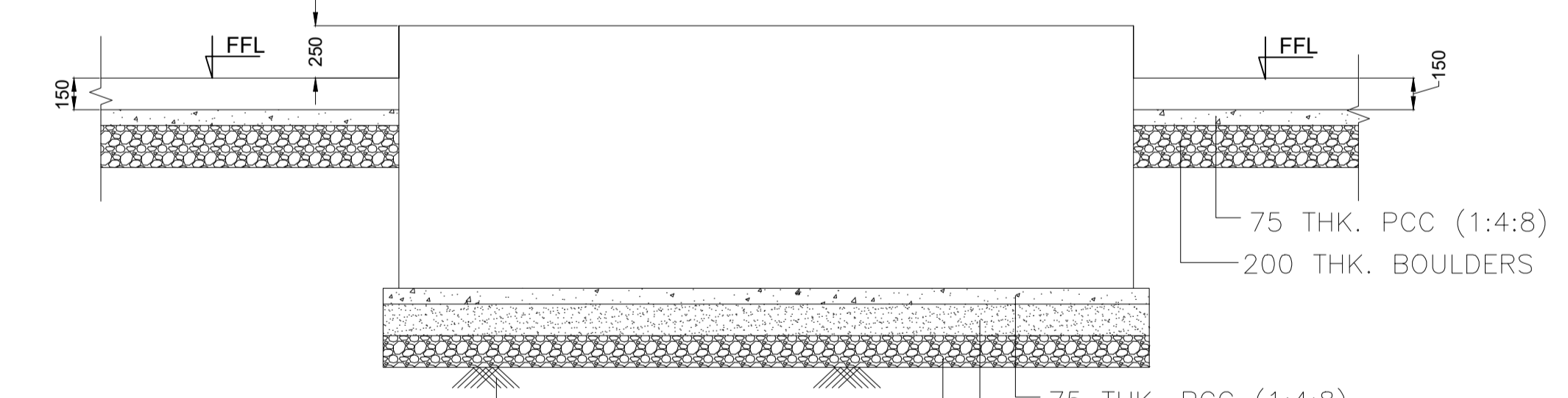
SECTION B-B



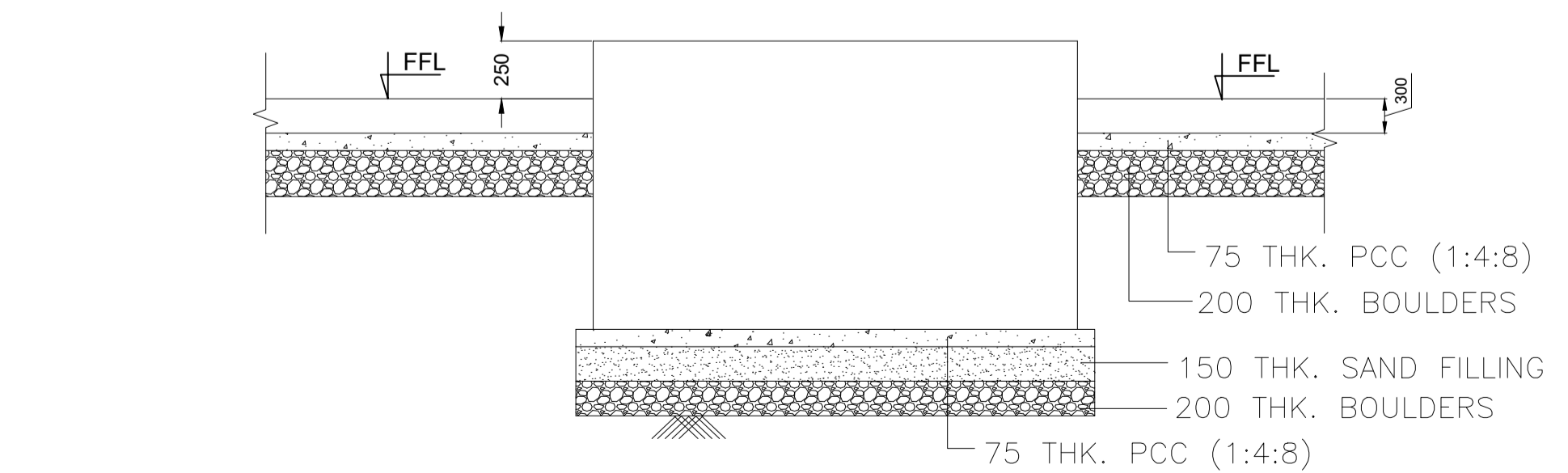
SECTION A-A



SECTION C-C



SECTION 1-1



SECTION 2-2

REFERENCE DRAWINGS		
S.NO.	DRAWING TITLE	DRAWING NUMBER
1.	CLIENT DOCUMENT (PLOT LAYOUT PLAN)	

**NOTES**

- ALL DIMENSIONS ARE IN MILLIMETERS CO-ORDINATES AND LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
- DO NOT MEASURE DIMENSIONS ON THE DRAWING. ONLY WRITTEN DIMENSION SHOULD BE FOLLOWED.
- FINISHED GROUND LEVEL (FGL) ie EL.100.000M SHALL BE 300MM ABOVE THE CENTRE LINE OF NEAREST ASPHALTED ROAD OR HFL WHICHEVER IS HIGHER (SUITE AS PER SITE REFER TO EXISTING GROUND LEVEL).
- GRADE OF CONCRETE SHALL BE M25.
- ALL REINFORCEMENT SHALL BE HIGH YIELD STRENGTH DEFORMED (HYSD) BAR OF GRADE FE500D CONFORMING TO IS:1786
- MIN. NOMINAL COVER TO REINFORCEMENT IS AS FOLLOWS  
 BOTTOM TOP SIDE  
 FOOTING - 50 50 50  
 COLUMN - 40 40 40  
 SLAB - 25 25
- LAP LENGTH SHALL BE 50 TIME DIA OF THE SMALLER BAR NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT ANY SECTION.
- DEVELOPMENT LENGTH (Ld) SHALL BE 45 TIMES DIA OF THE BAR.

**LEGEND**

- TOC - TOP OF CONCRETE
- FGL - FINISH GROUND LEVEL
- FFL - FINISH FLOOR LEVEL
- NGL - NATURAL GROUND LEVEL
- HPP - HIGHEST PAVEMENT POINT

ISSUED FOR CONSTRUCTION

0	12.07.2024	ISSUED FOR CONSTRUCTION							
Rev.	D	M	Y	Modifications	YKB	PKN	AKN		
					Drawn	Checked	Approved	Validated	

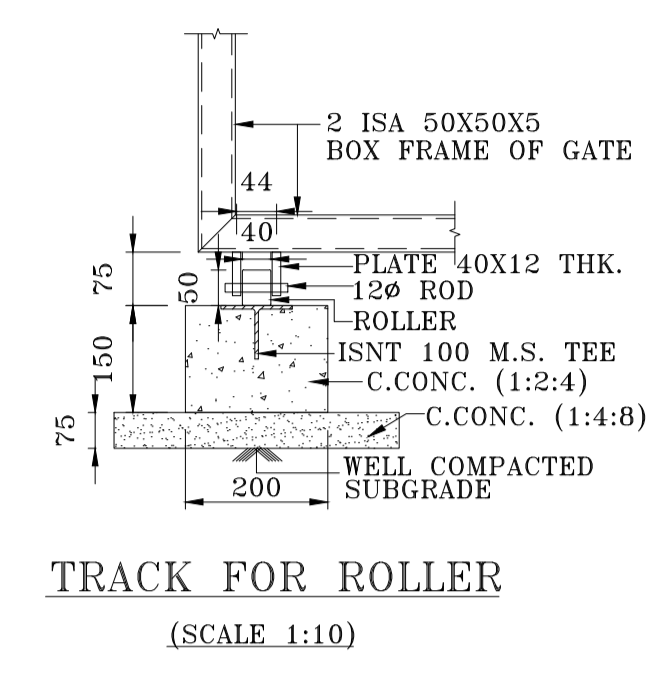
CUSTOMER: **Gasonet** GASONET SERVICES (RJ) LIMITED

SUBJECT: SITE GRADING LAYOUT & DETAIL FOR OF CGS CUM MOTHER STATION CHURU, TEH- CHURU, DIST. BIKANER (RJ)

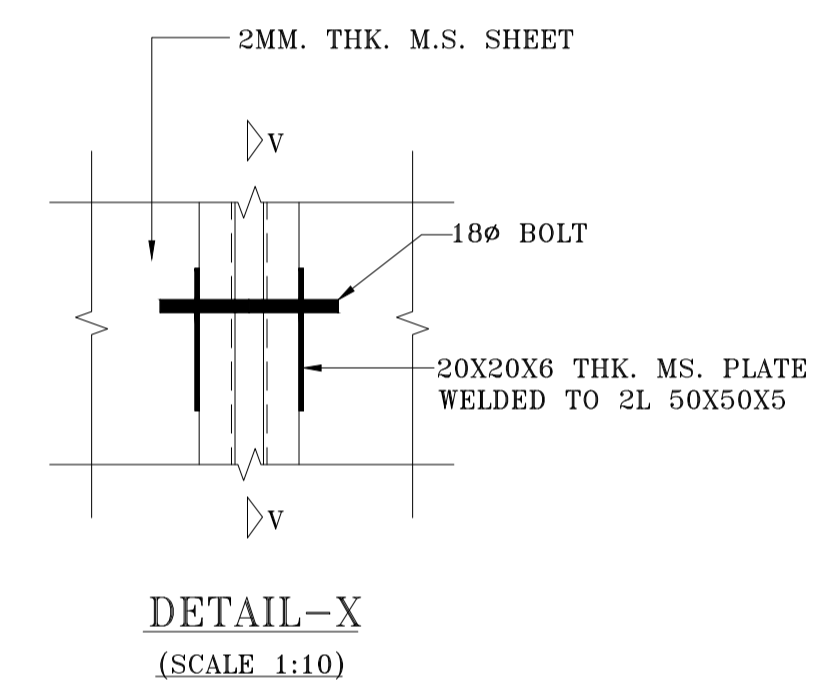
REFERENCE DRAWING	
S. NO.	DRAWING TITLE

- NOTES**
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
  - ALL CONNECTIONS ARE WELDED (6MM. THK. (MIN.) ALL-ROUND FILLET WELDS) CONFORMING TO IS - 816 & OTHER APPLICABLE/RELEVANT CODES (LATEST).
  - ALL ROLLED STEEL & PLATES SECTIONS SHALL CONFORM TO I.S. - 2062 SPECIFICATIONS & OTHER APPLICABLE/RELEVANT CODES (LATEST).
  - WELDING ELECTRODES SHALL CONFORM TO IS - 814 & OTHR RELEVANT APPLICABLE CODES (LATEST).
  - STRUCTURAL FABRICATION WORK SHALL CONFORM TO IS - 800, 1984 & OTHER APPLICABLE/RELEVANT CODES (LATEST).
  - ALL FABRICATION WORK SHALL BE PREPARED BY CONTRACTOR AND SUBMITTED FOR APPROVAL BEFORE EXECUTION OF WORK.
  - THE MINIMUM CLEAR CONCRETE COVER TO THE MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
- | ITEMS                    | TOP(MM) | BOTTOM(MM) | SIDE(MM) |
|--------------------------|---------|------------|----------|
| RAFT & ISOLATED FOOTINGS | 50      | 50         | 50       |
| GRADE BEAMS              | 40      | 40         | 40       |
| COLUMNS                  | 40      | --         | 40       |
| BEAMS (ABOVE GROUND)     | 30      | 30         | 30       |
| RETAINING WALL           | 30      | 30         | 30       |
- REINFORCING BARS USED SHALL BE AS PER SOR AND CONFORM TO IS - 1786 & OTHER APPLICABLE/RELEVANT CODES (LATEST).
  - ALL JUNCTIONS OF BARS SHALL BE TIED PROPERLY WITH 18 SWG WIRES.
  - ALL HOOKS, BENDS, JUGGLING CURTAILMENT ETC SHALL BE AS PER IS-456 & OTHER APPLICABLE/RELEVANT CODES (LATEST).
  - FOR COLUMNS LAP LENGTH SHALL BE MIN. 50. TIMES THE HIGHER DIA OF LAPPING BARS UNLESS STATED

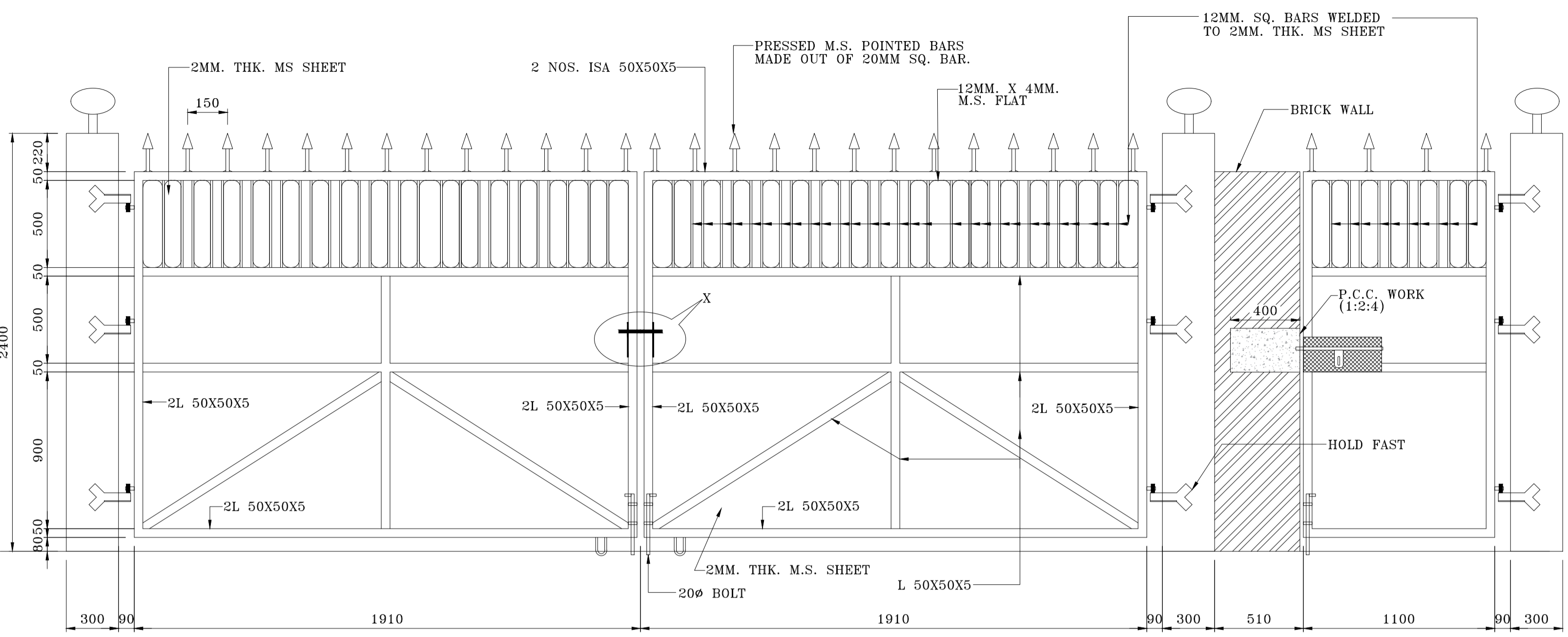
- LEGEND**
- LEGEND:-**
- FGL = FINISHED FLOOR LEVEL
  - NGL = NATURAL GROUND LEVEL
  - TOC - TOP OF CONCRETE
  - THK - THICKNESS
  - (T) = TOP
  - (B) = BOTTOM



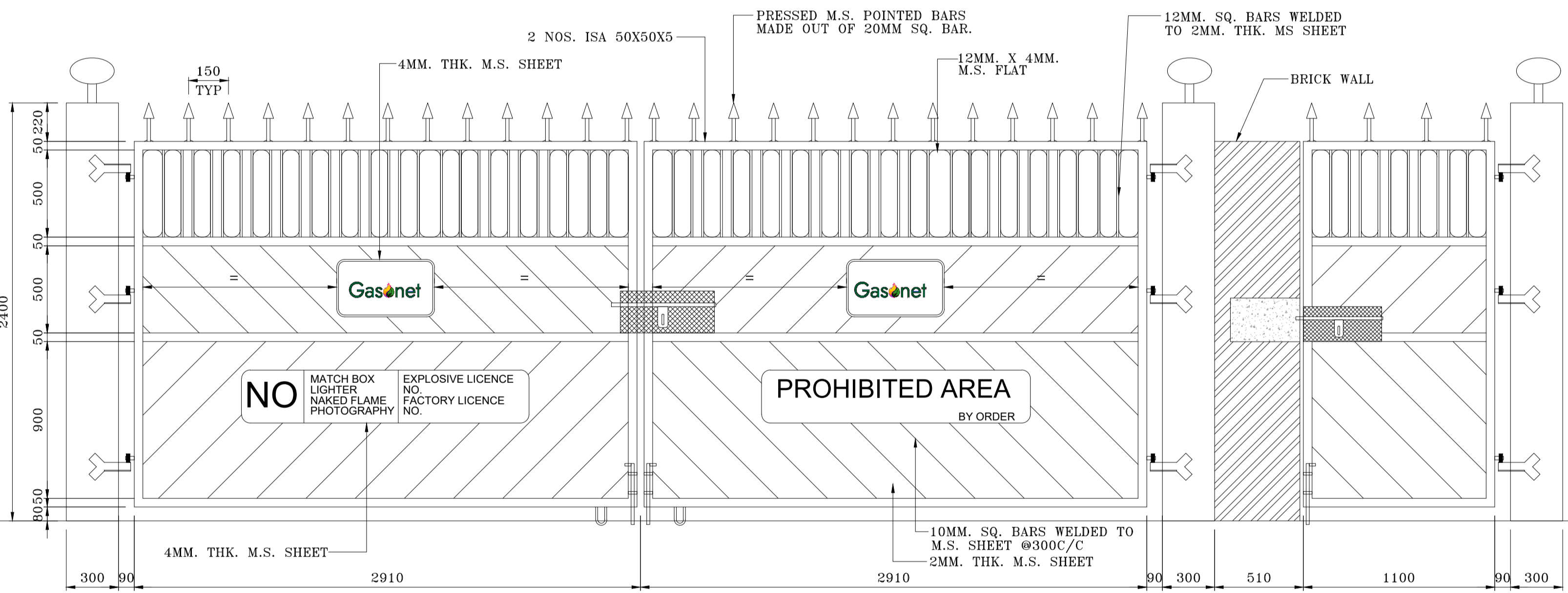
**TRACK FOR ROLLER**  
(SCALE 1:10)



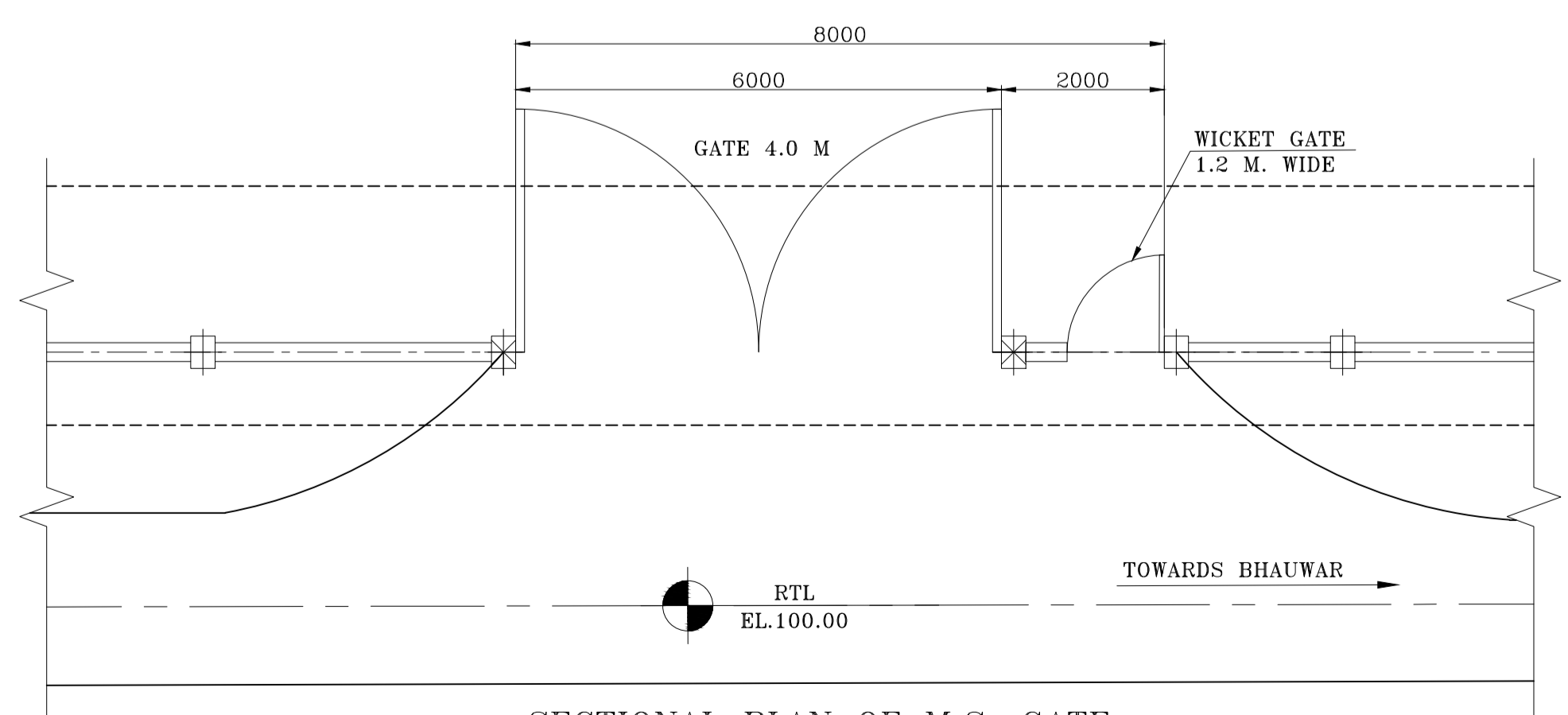
**DETAIL-X**  
(SCALE 1:10)



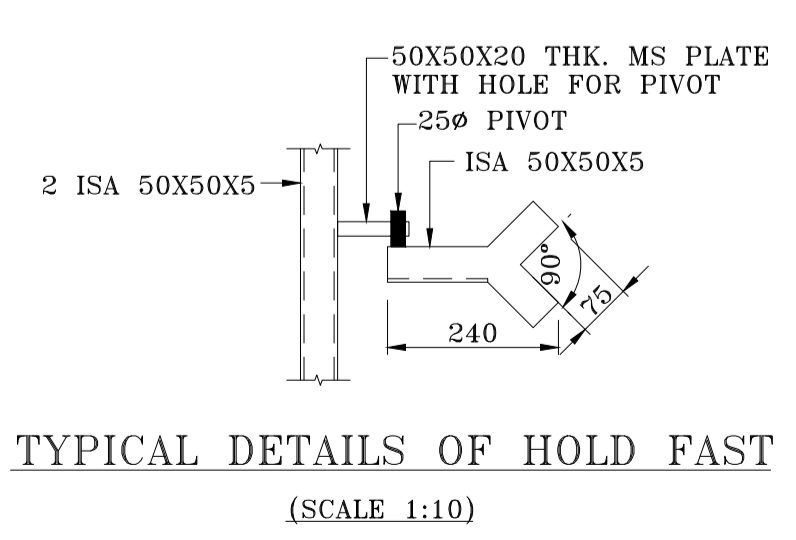
**REAR ELEVATION OF M.S. GATE**  
FOR COLUMN DETAIL REFER DRG. NO. GIGLS-105A00 IPIR-CS-DRW-LAW-LAY-R-20015  
(SCALE 1:20)



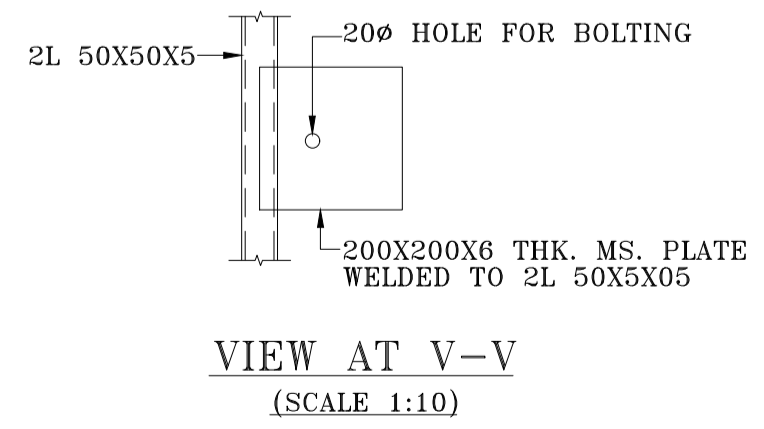
**FRONT ELEVATION OF M.S. GATE**  
FOR COLUMN DETAIL REFER DRG. NO. GIGLS-105A00 IPIR-CS-DRW-LAW-LAY-R-20015  
(SCALE 1:20)



**SECTIONAL PLAN OF M.S. GATE**  
FOR COLUMN DETAIL REFER DRG. NO. GIGLS-105A00 IPIR-CS-DRW-LAW-LAY-R-20015  
(SCALE 1:20)



**TYPICAL DETAILS OF HOLD FAST**  
(SCALE 1:10)



**VIEW AT V-V**  
(SCALE 1:10)

**ISSUED FOR CONSTRUCTION**

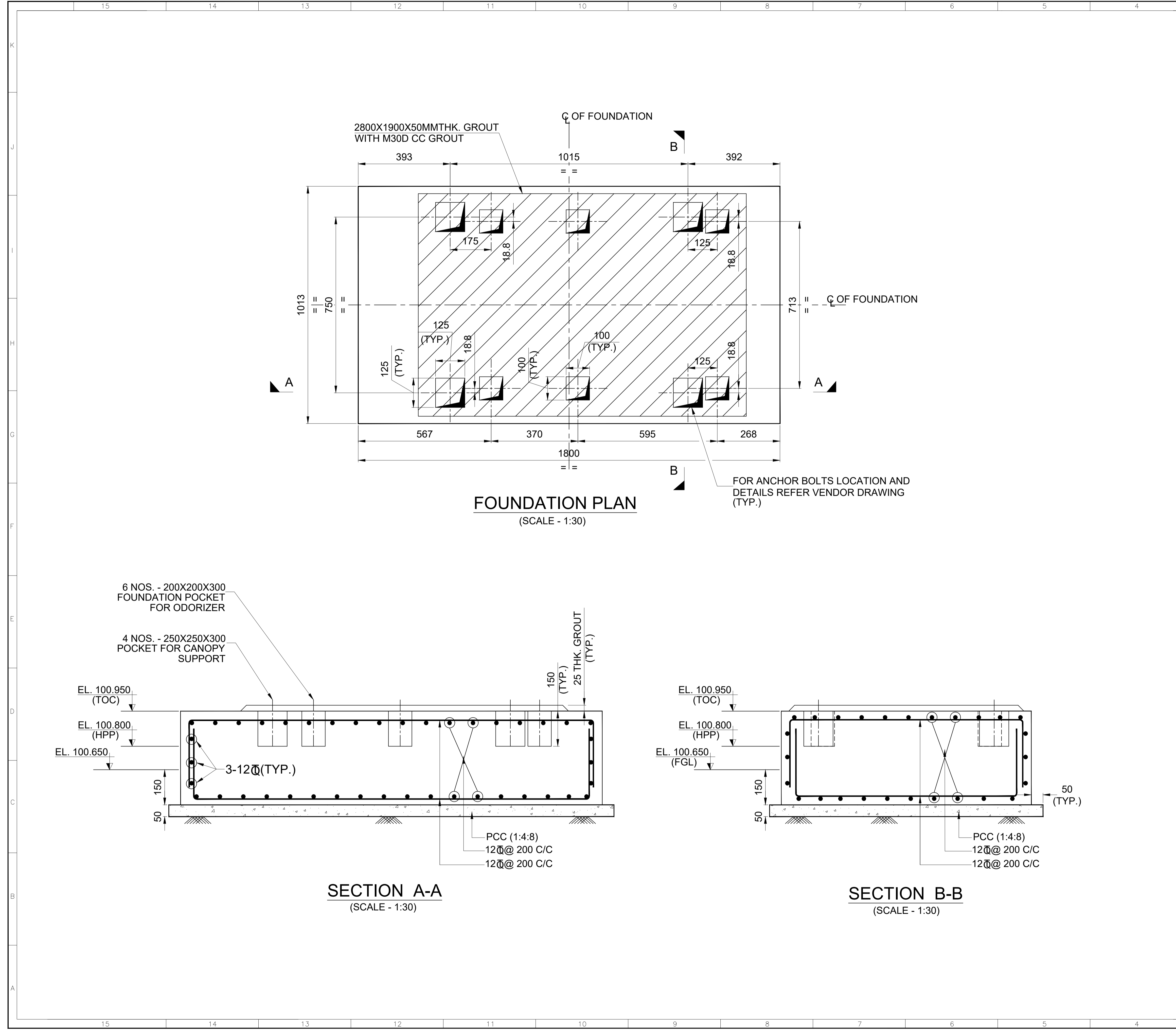
0	12.08.2024	ISSUED FOR CONSTRUCTION	RVS	PKV/TBS	SSV	KNS
Rev.	D M Y	Modifications	Drawn	Checked	Approved	Validated

CLIENT: **Gasonet** GASONET SERVICES (RJ) LIMITED

PROJECT: **ENGINEERING CONSULTANCY SERVICES FOR CGD PROJECT**

SUBJECT: **DETAIL OF MS GATE**

	Size	Scale	Sheet	Rev.
	A1	1:125	1 of 1	0
Project No.	Discipline Code	System Code	Serial No.	
REPL	GNET-RJ	CGS-CNG	005	



2800X1900X50MMTHK. GROUT WITH M30D CC GROUT

**FOUNDATION PLAN**  
(SCALE - 1:30)

FOR ANCHOR BOLTS LOCATION AND DETAILS REFER VENDOR DRAWING (TYP.)

6 NOS. - 200X200X300 FOUNDATION POCKET FOR ODORIZER  
4 NOS. - 250X250X300 POCKET FOR CANOPY SUPPORT

**SECTION A-A**  
(SCALE - 1:30)

**SECTION B-B**  
(SCALE - 1:30)

**REFERENCE DRAWINGS**

S.NO.	DRAWING TITLE	DRAWING NUMBER
1.	CGS CUM MOTHER STATION CHURU	REPL-GNET-RJ-CGS-CNG-001

**NOTES**

- ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METRES.
- FOLLOW WRITTEN DIMENSIONS ONLY & DO NOT SCALE.
- GRADE OF CONCRETE MIX SHALL BE M-25 CONFORMING TO IS 456 .
- ALL ANCHOR BOLTS AND POCKETS TO BE GROUTED WITH M-30D (6MM DOWN GRADED AGGREGATES) CEMENT CONCRETE GROUT.
- REINFORCEMENT SHALL BE HYSD BARS OF GRADE Fe 500 CONFORMING TO IS 1786.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:-  
a) FOUNDATION = 50mm
- FGL EL.+100.700 AS MARKED & HPP. EL. 100.800 CORRESPONDS AS MARKED.
- FOR ORIENTATION AND LOCATION REFER DRAWING NO. REPL-GNET-RJ-CGS-CNG-001.
- ASSUMED NET SAFE BEARING CAPACITY OF SOIL IS CONSIDERED 5.00 T/m<sup>2</sup> AT DEPTH OF 300 MM BELOW FGL .

**LEGEND**

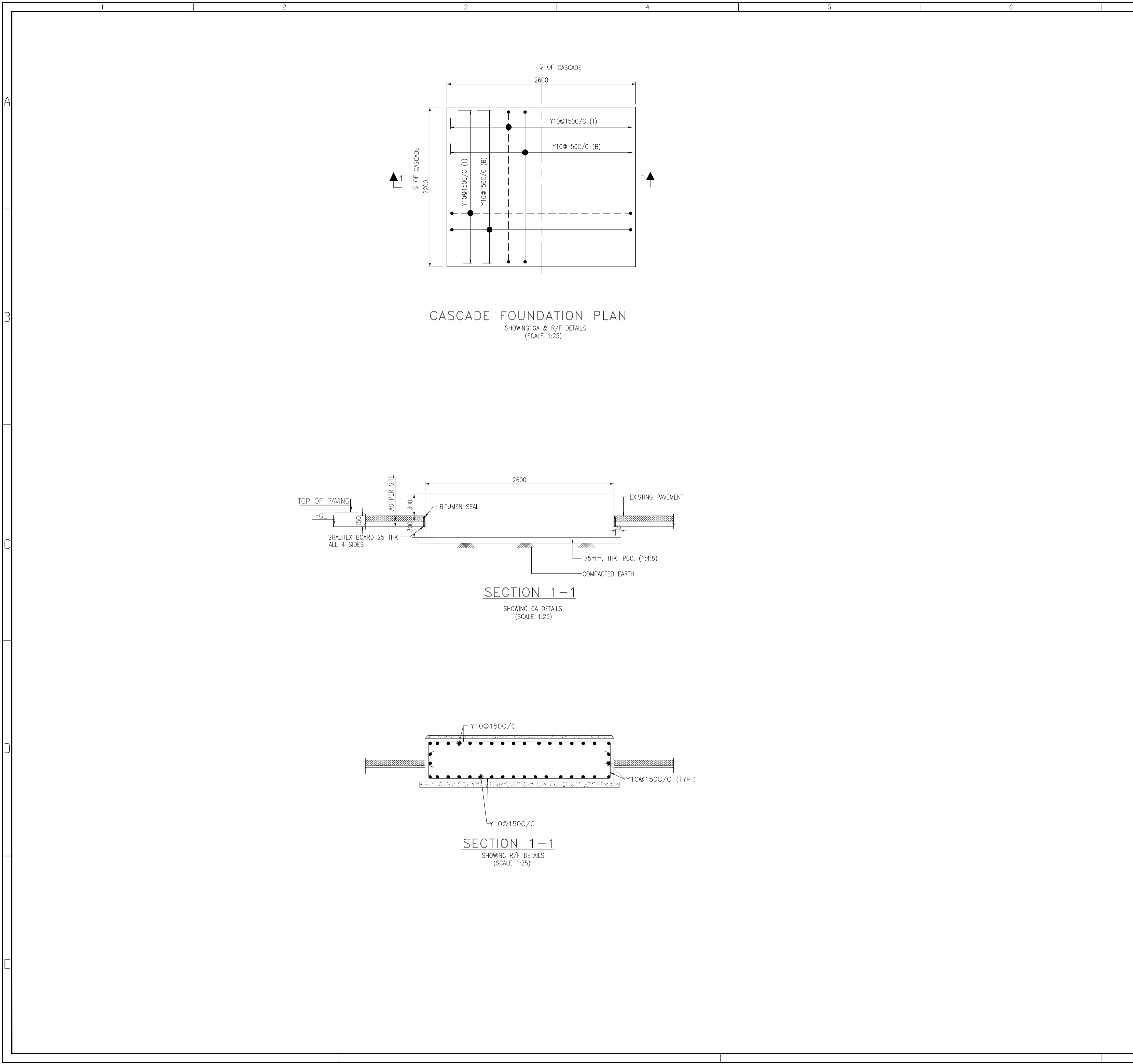
- TOC = TOP OF CONCRETE
- HPP = HIGHEST PAVEMENT POINT
- BOF = BOTTOM OF FOUNDATION
- G.A. = GENERAL ARRANGEMENT
- TYP. = TYPICAL

ISSUED FOR CONSTRUCTION

0	12.08.2024	ISSUED FOR CONSTRUCTION	YKB	PKN	AKN	-
Rev.	D. M. Y.	Modifications	Drawn	Checked	Approved	Validated

CUSTOMER **Gasonet** GASONET SERVICES (RJ) LIMITED  
SUBJECT SITE GRADING LAYOUT & DETAIL FOR OF CGS CUM MOTHER STATION CHURU, TEH.- CHURU, DIST. BIKANER (RJ)

Size	Scale	Sheet	Rev.
A1	1:200	1 of 1	0
Drawing No. REPL-GNET-RJ-CGS-CNG-005-Rev-0		Resonance Energy Pvt. Ltd.	



**NOTES**

1. ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS ARE IN METERS.
3. PROPOSED FINISHED GROUND LEVEL (FGL) EL.(±)0.00 SHALL BE MATCH WITH EXISTING FINISHED GROUND LEVEL.
4. 5T/SQM. SBC HAS BEEN CONSIDERED FOR THE FOUNDATION DESIGN WITH SOIL IMPROVEMENT. AS MENTIONED IN CASCADE FOUNDATION DRAWING.
5. HIGH STRENGTH DEFORMED BARS OF FE500D SHALL BE USED AS PER IS:1786 IN ALL RCC WORK.
6. LAP LENGTH(LD) SHALL BE 50D FOR ALL REINFORCEMENT BARS.
7. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
  - a) FOUNDATION (BOTTOM) = 75mm
  - b) FOUNDATION (TOP) = 50mm
  - c) FOUNDATION (SIDE) = 50mm
9. IN THE PRESENCE OF LOOSE SOIL, RUBBLE STONE SOLING (BOULDERS OF SIZE 100 TO 150MM) SHOULD BE DONE OVER SUBGRADE SOIL WHICH SHOULD BE COMPACTED TO ACHIEVE 95% OF MDD. SAME SHOULD BE TESTED WITH CORE CUTTER OR SAND REPLACEMENT METHOD UNDER THE SUPERVISION OF SITE INCHARGE. FILLING SHOULD BE DONW IN THE LAYER OF MAXIMUM THICKNESS 150 MM.
10. LOCATION OF CASCADE FOUNDATION TO BE CONFIRMED WITH APPROVED PLOT PLAN.
11. BLOCK LOCATION AND SIZES FOR LADDER FOUNDATION SHALL BE PROVIDED AS PER CASCADE VENDOR/SUIT AT SITE.
12. THE BASE PLATE DIMENSION OF THE EQUIPMENT SHALL NOT EXCEED THE FOUNDATION DIMENSION.
13. NON-SHRINKABLE CEMENT GROUT (SHRINKKOMP 20 OR ANY OTHER EQUIVALENT APPROVED BRAND) SHALL BE USED FOR GROUTING HOLDING DOWN BOLTS IN POCKET HOLES/ BOTTOM OF BASE FRAME FOR EQUIPMENT FOUNDATION.
14. SUB-GRADE SOIL SHALL BE WELL COMPACTED TO ACHIEVE 95% OF MDD AND COMPACTION TEST SHALL BE PERFORMED UNDER THE SUPERVISION OF SITE IN-CHARGE. HOWEVER IN TEST SHALL BE PERFORMED UNDER THE SUPERVISION OF SITE IN-CHARGE. HOWEVER IN THE CASE OF LOOSE SUB GRADE SOIL THEN LOOSE SOIL SHALL BE REPLACED WITH RUBBLE SOILING AS MENTIONED IN NOTE-9.
15. SUITABLE PRECAUTION SHALL BE TAKEN WHILE EXCAVATION TO AVOID UNDER PINNING OF SOIL BELOW CASCADE FOUNDATION.

**LEGEND & BOM**

- HPP = HIGHEST PAVEMENT POINT
- TOG = TOP OF GROUT
- TOC = TOP OF CONCRETE
- TYP = TYPICAL
- TOS = TOP OF STEEL
- DET. = DETAIL
- BOBP = BOTTOM OF BASE PLATE
- BOS = BOTTOM OF STEEL
- TOGR = TOP OF GRATING

**ISSUED FOR CONSTRUCTION**

0	12.08.2024	ISSUED FOR CONSTRUCTION	RV	PKV	AKN	-
Rev.	D M Y	Modifications	Drawn	Checked	Approved	Validated

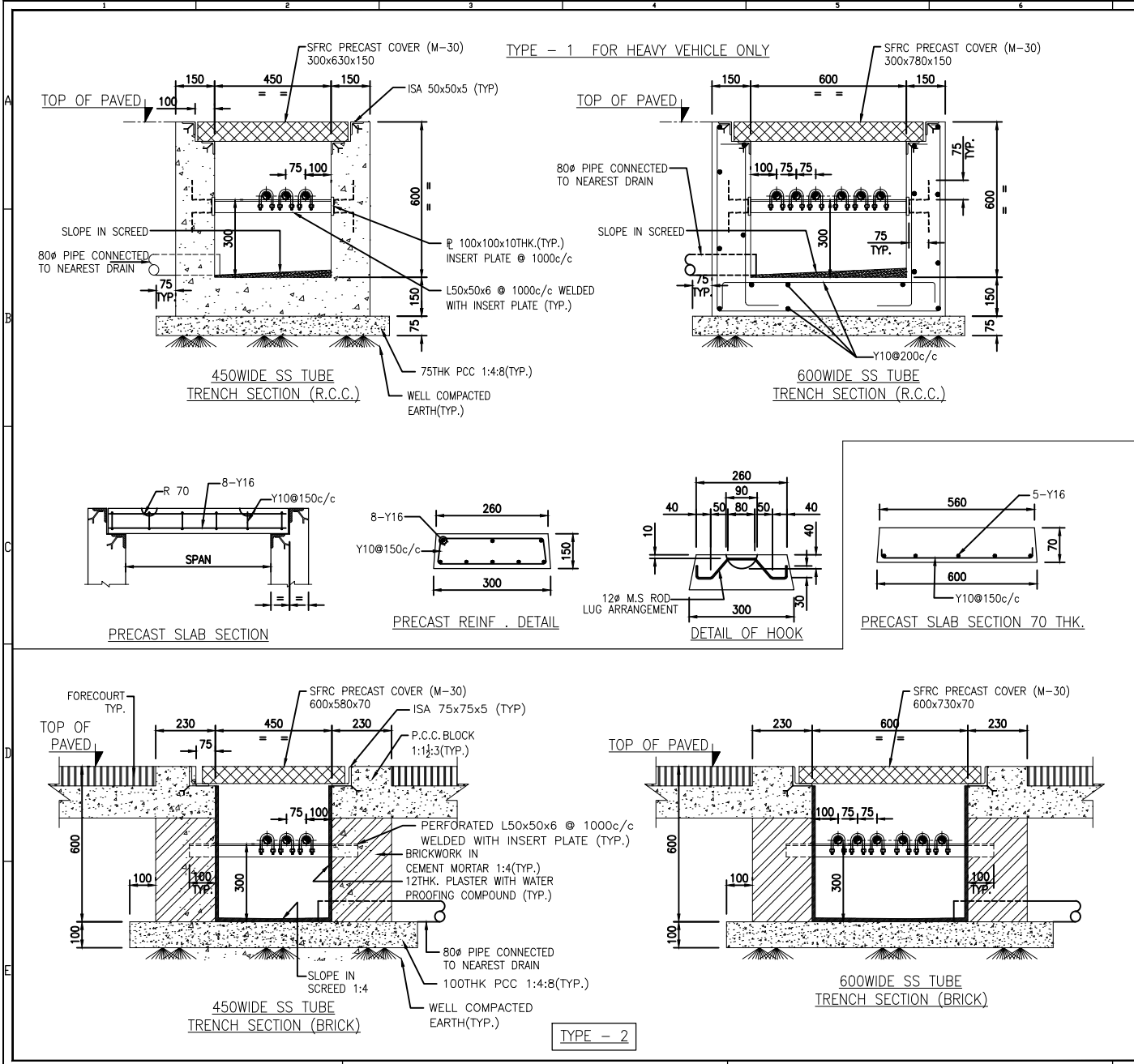
CUSTOMER: **Gasonet GASONET SERVICES (RJ) LIMITED**

SUBJECT: **1500 WL CAPACITY CASCADE FOUNDATION DETAILS OF CGS CUM MOTHER STATION**

	Size	Scale	Sheet	Rev.
	A1	1:15	1 of 1	0
REPL-GNET-RJ-CGS-CNG-006				

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**NOTES**

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. FOLLOW WRITTEN DIMENSIONS. DO NOT SCALE THE DRAWING.
3. FOR LOCATION OF TRENCH REFER APPROVED PLOT PLAN LAYOUT.
4. EL. 100.00M REFER TO FINISH GROUND LEVEL OF PLANT AREA WITH CORRESPONDS TO SITE R.L.
5. BACKFILLING SHALL BE CARRIED OUT USING GOOD EARTH. LAID IN LAYERS OF 300MM AND CONSOLIDATED TO A PROCTOR DENSITY OF 95% M.D.D.
6. CONCRETE MIX M25 SHALL BE USED IN ALL RCC WORK UNO.
7. HIGH STRENGTH DEFORMED BARS OF YIELD STRENGTH 500N/SQMM SHALL BE USED AS PER IS:1786.
8. CLEAR COVER TO THE MAIN REINFORCEMENT SHALL AS-  
WALL - 50mm  
SLAB - 50mm
9. SUITABLE SLOPE IN SCREED SHALL BE PROVIDED TO DRAIN OUT THE WATER FROM THE CABLE TRENCH AND SHALL BE CONNECTED TO THE NEAREST DRAIN

**ISSUED FOR CONSTRUCTION**

REV	DESCRIPTION	BY	CHKD	DATE	STATUS
1	ISSUED FOR CONSTRUCTION				

**Gasnet GASONET SERVICES (RJ) LIMITED**

SS TUBING TRENCH DETAILS TYPICAL OF CGS CUM MOTHER STATION

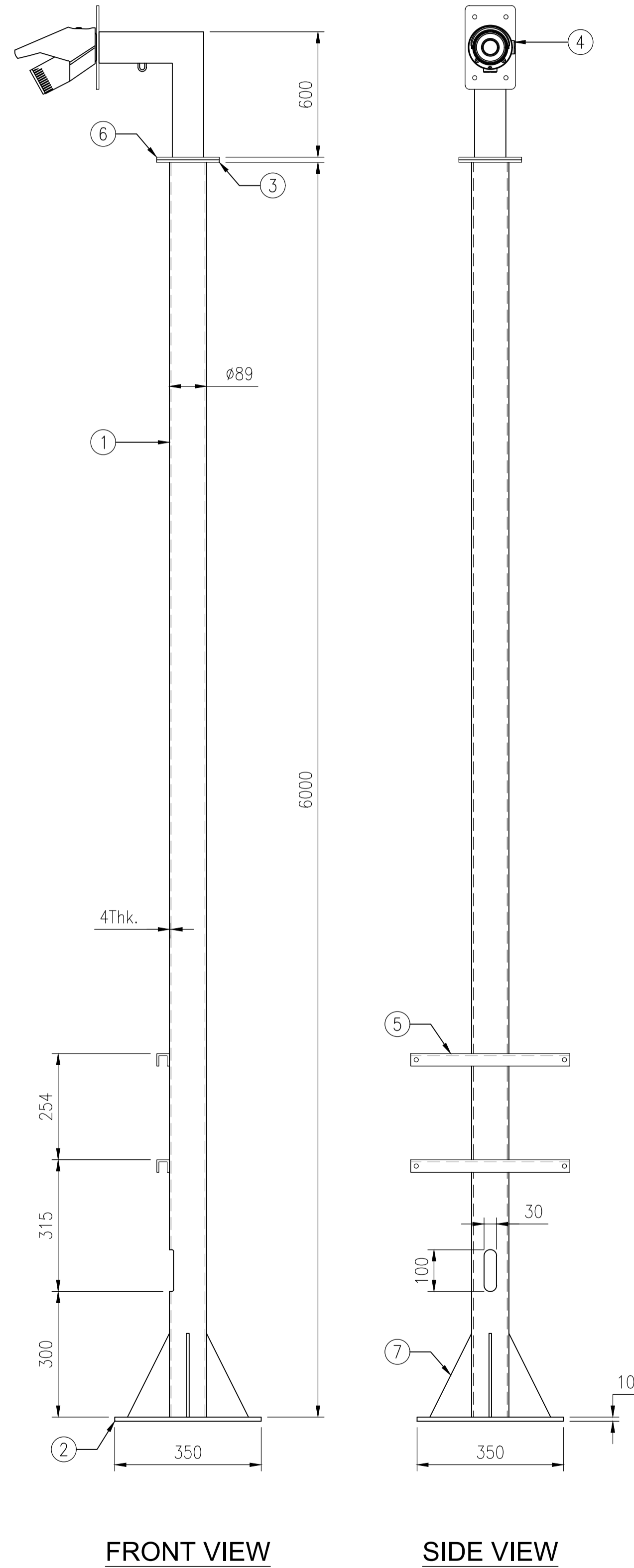
Rev	Scale	Sheet	of	Total	No.
A1	NTS	1	of	1	0

**Resonance Energy Pvt. Ltd.**

REPL-GNET-RJ-CGS-CNG-008

6 METER POLE FOR LIGHT

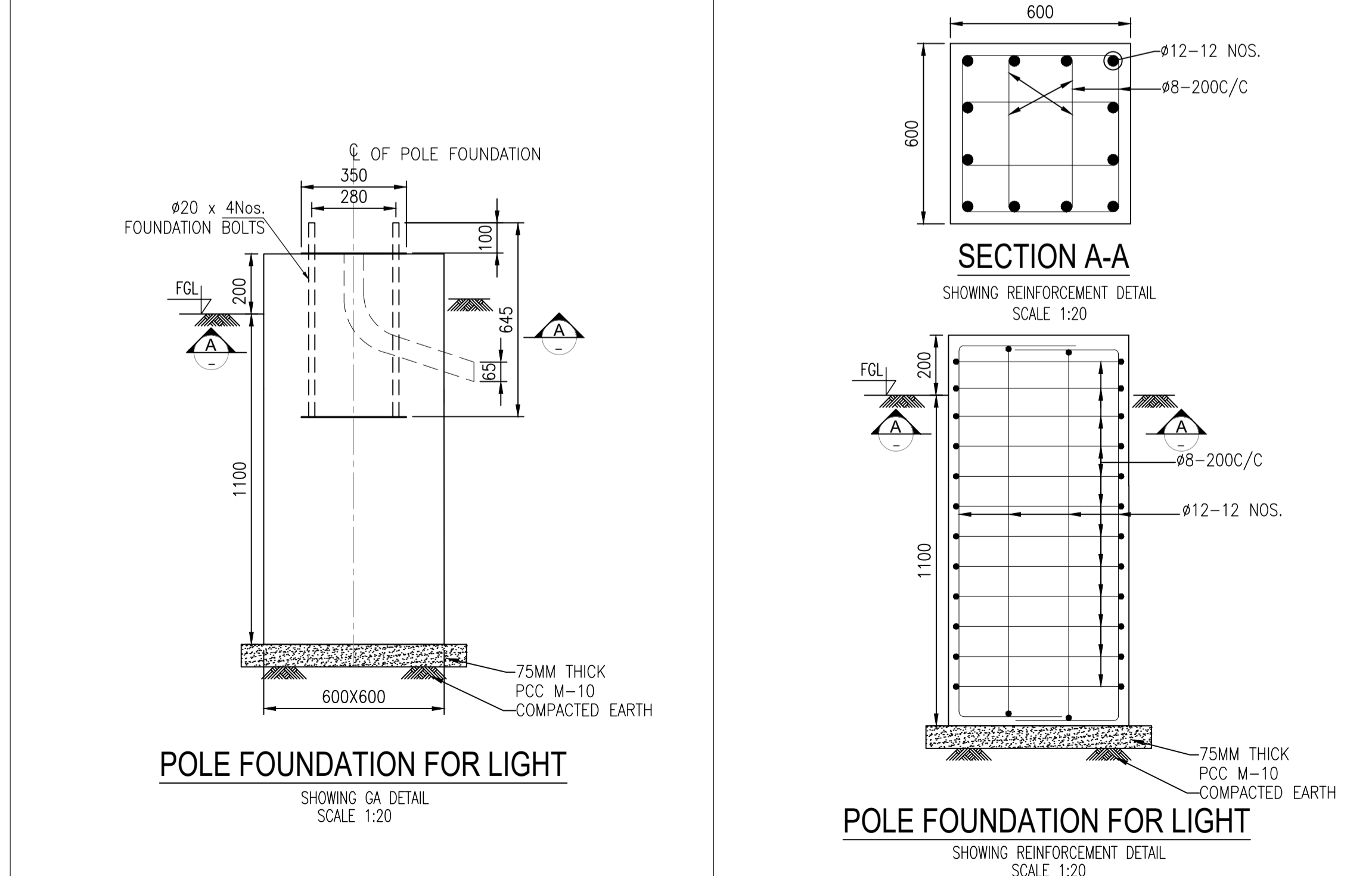
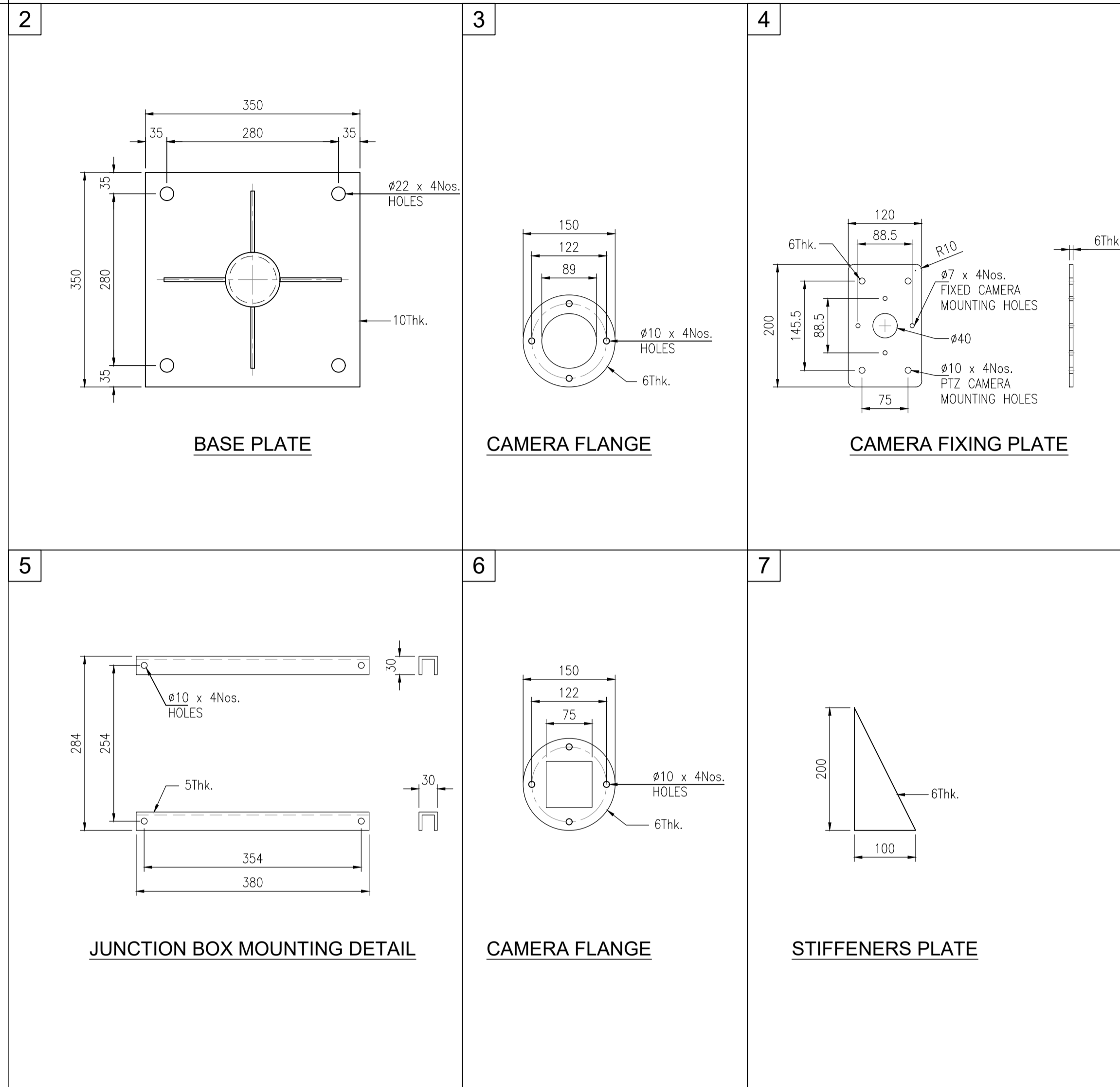
MOUNTING ARRANGEMENT



FRONT VIEW

SIDE VIEW

POLE ACCESSORIES



POLE FOUNDATION FOR LIGHT

POLE FOUNDATION FOR LIGHT

BILL OF MATERIALS

ITEM	DESCRIPTION	QTY
1	3 METER POLE	1
2	BASE PLATE	1
3	LIGHT FLANGE	1
4	LIGHT FIXING PLATE	1
5	JUNCTION BOX MOUNTING DETAIL	1
6	LIGHT FLANGE	1
7	STIFFENERS PLATE	1

NOTES

1. ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED OTHERWISE.

ISSUED FOR CONSTRUCTION

Rev.	D M Y	Modifications	Drawn	Checked	Approved	Validated
0	12.08.2024	ISSUED FOR CONSTRUCTION	RV	PKV	AKN	-

CUSTOMER **Gasonet GASONET SERVICES (RJ) LIMITED**

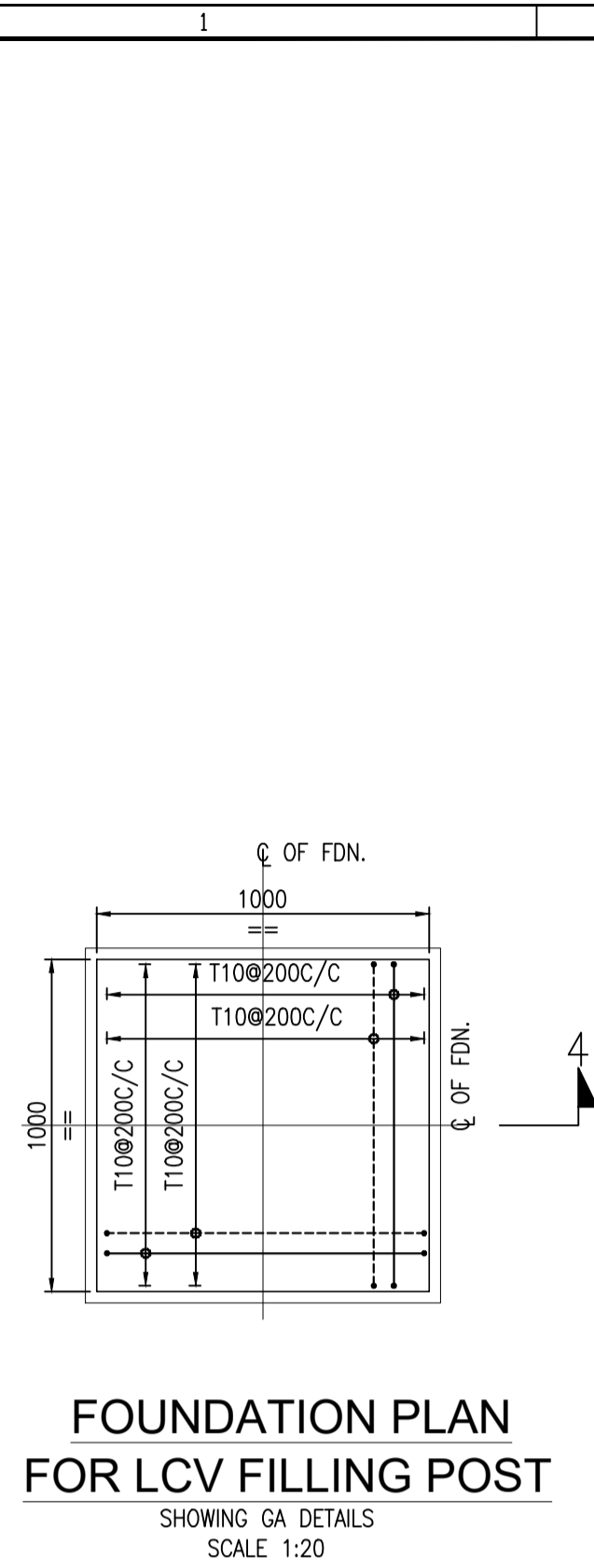
SUBJECT **LIGHT POLE GA DRAWING OF CGS CUM MOTHER STATION**

Size	Scale	Sheet	Rev.
A1	NTS	1 OF 1	A

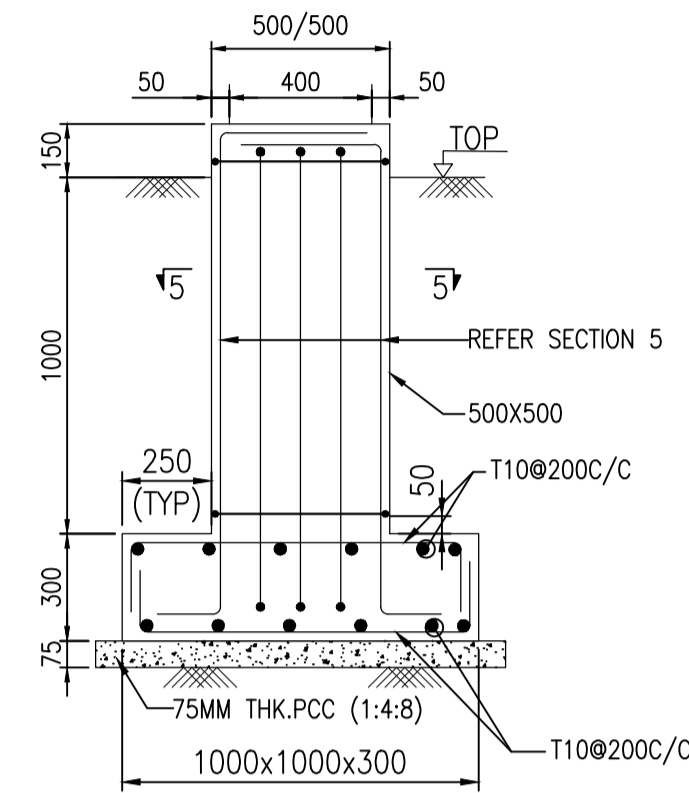
REPL-GNET-RJ-CGS-CNG-009



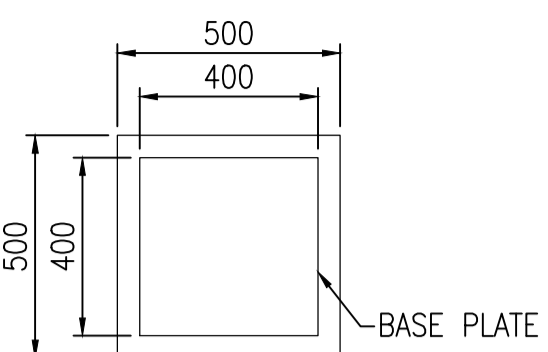
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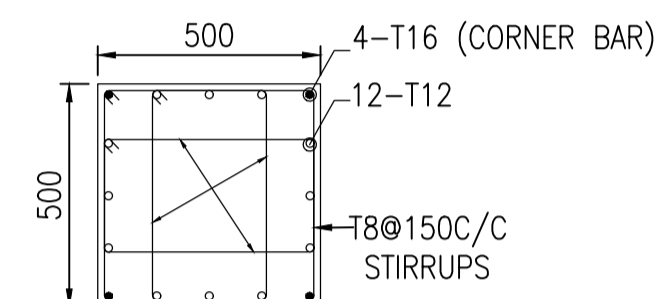
**FOUNDATION PLAN FOR LCV FILLING POST**  
SHOWING GA DETAILS  
SCALE 1:20



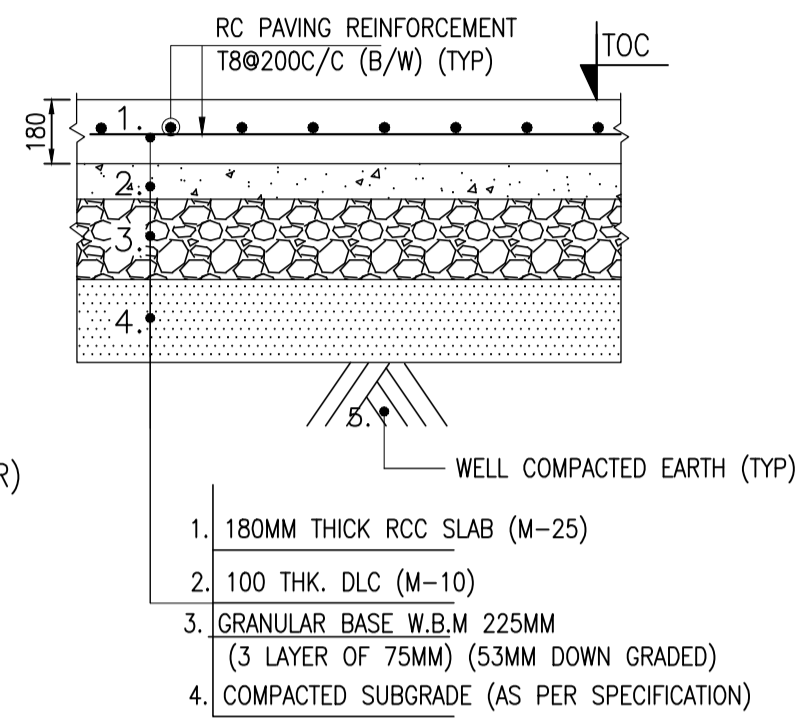
**SECTION 4-4**  
SHOWING GA DETAILS  
SCALE 1:20



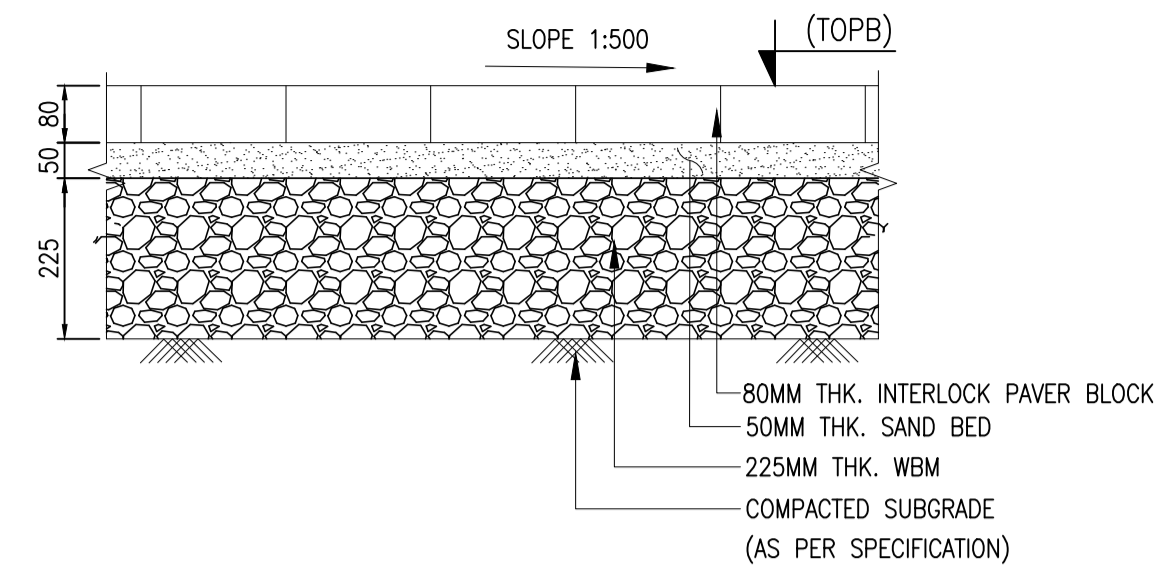
**SECTION 5-5**  
SHOWING GA DETAILS  
SCALE 1:10



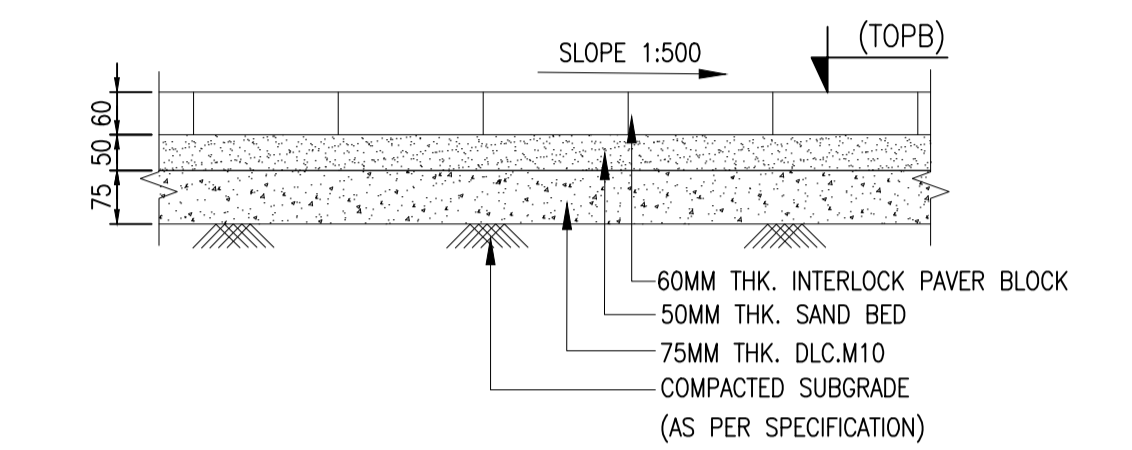
**SECTION 5-5**  
SHOWING GA DETAILS  
SCALE 1:10



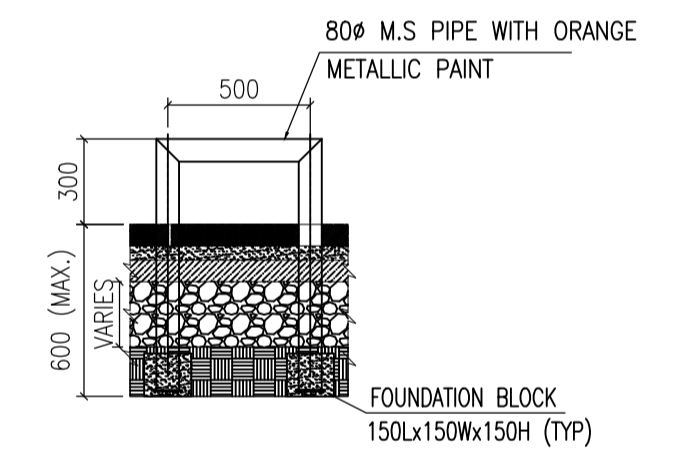
**TYPICAL SECTIONAL DETAILS OF RCC PAVING & DRIVE WAY**  
SCALE 1:20



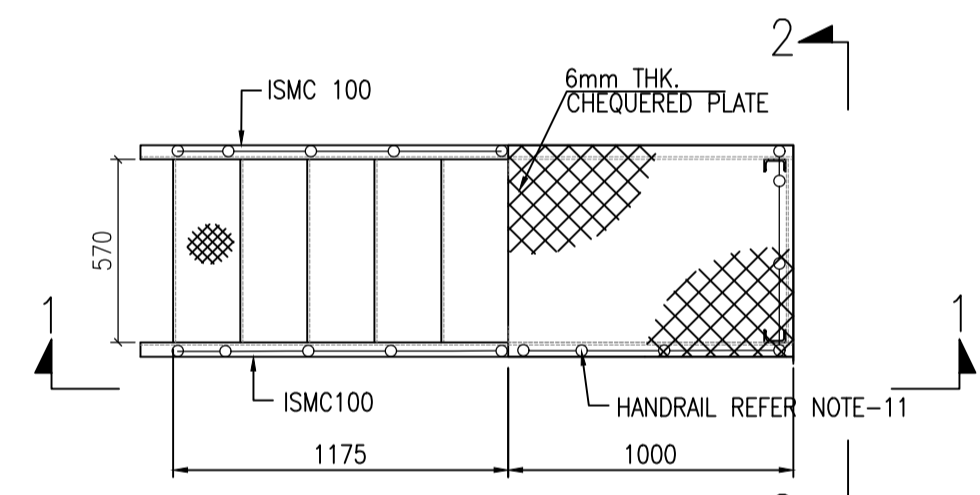
**TYPICAL SECTIONAL DETAILS OF 80mm THK. PAVER BLOCK & DRIVE WAY**  
SCALE 1:10



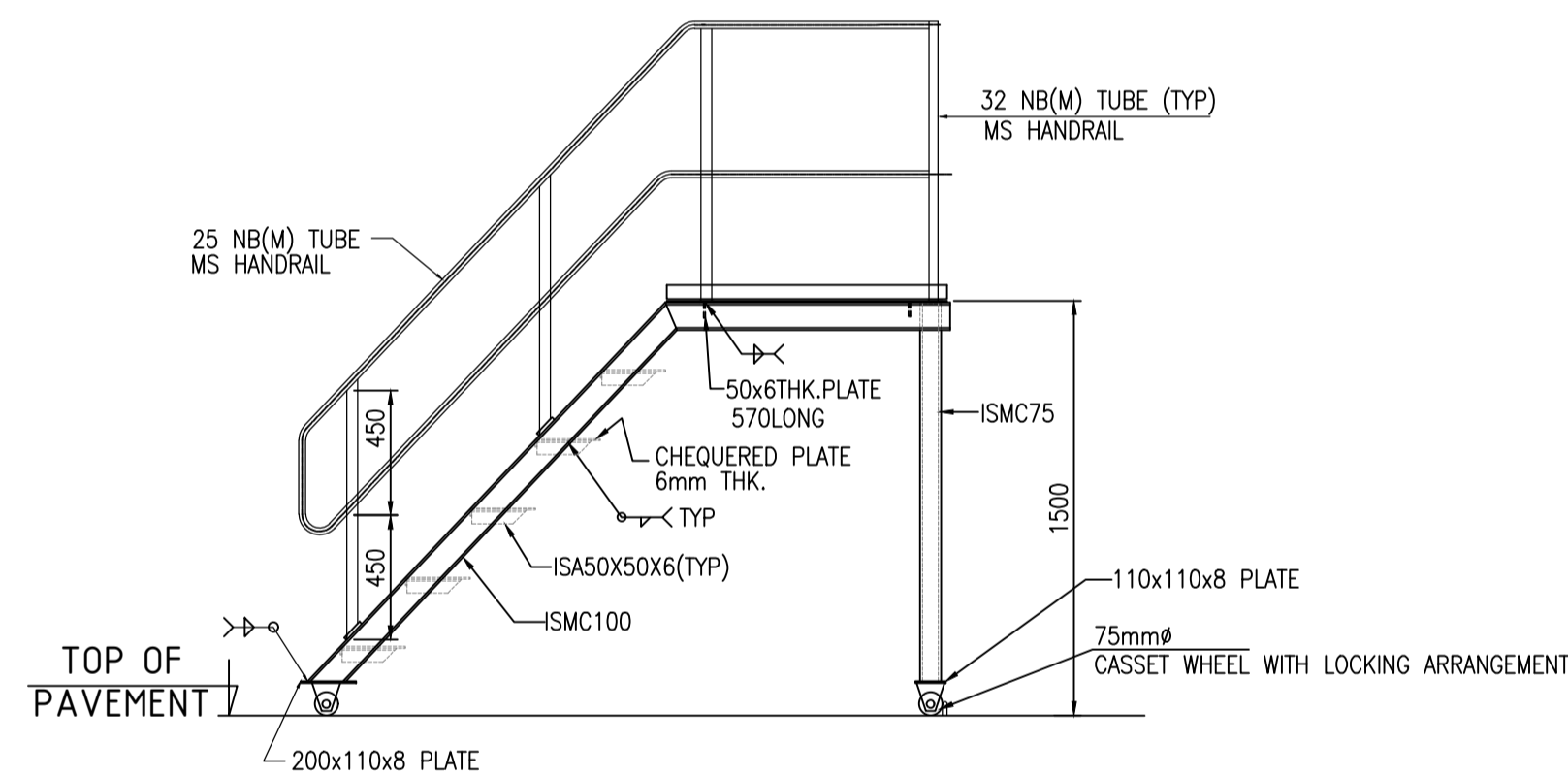
**TYPICAL SECTIONAL DETAILS OF 60mm THK. PAVER BLOCK FOR NON DRIVE WAY AREA**  
SCALE 1:10



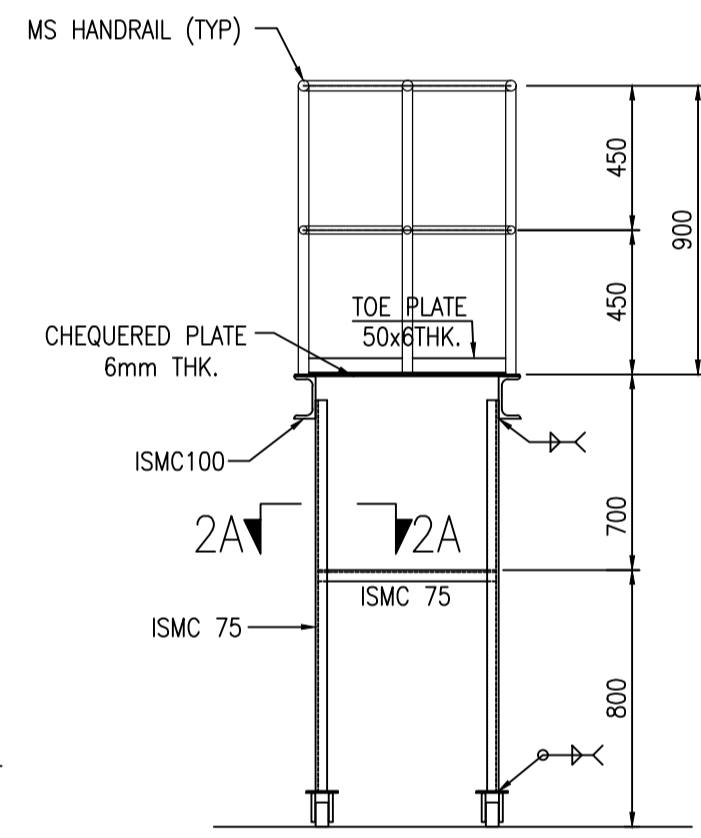
**STOPPER DETAIL FOR LCV**  
SCALE 1:25



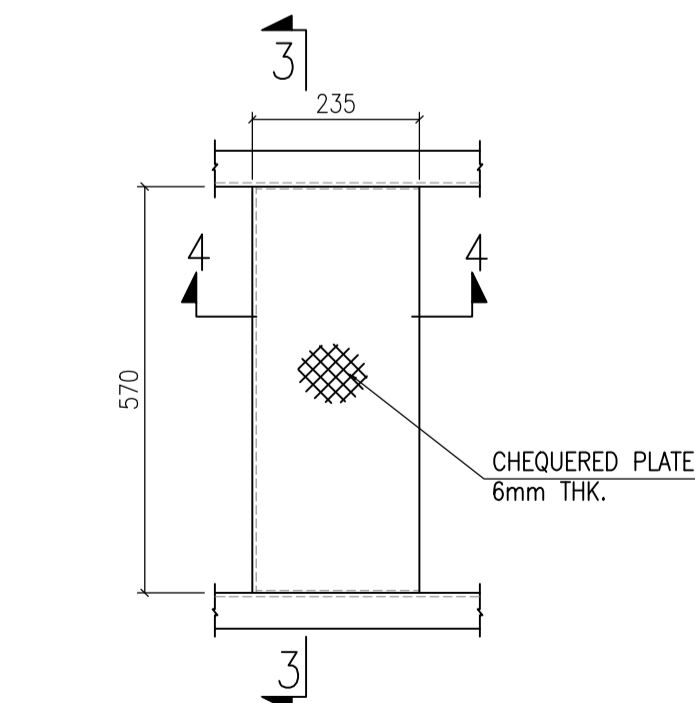
**PLATFORM FOR MOBILE CASCADE**  
SCALE 1:25



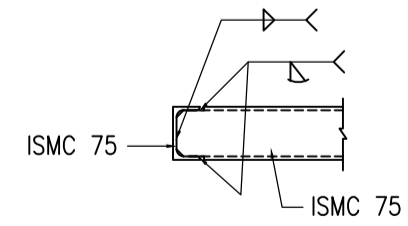
**VIEW 1-1**  
SCALE 1:25



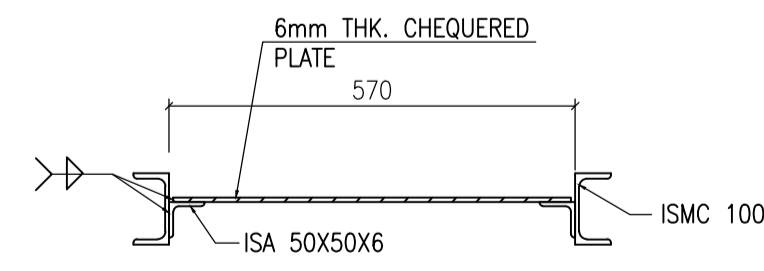
**VIEW 2-2**  
SCALE 1:25



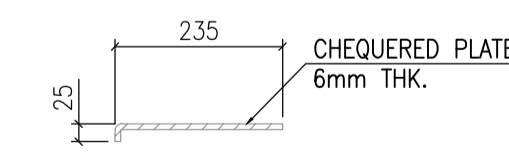
**TYP DETAIL OF STAIR TREAD**  
SCALE 1:10



**SECTION 2A-2A**  
SCALE 1:10



**SECTION 3-3**  
SCALE 1:10



**SECTION 4-4**  
SCALE 1:10

**NOTES**

- ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS ARE IN METERS.
- FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE THE DRAWING.
- PROPOSED FINISHED GROUND LEVEL (FGL) EL.(±)100.00 SHALL MATCH WITH EXISTING FINISHED GROUND LEVEL.
- ALL STRUCTURAL STEEL & PLATES SHALL CONFORM TO IS:2062 GRADE-E 250 QUALITY-A.
- MS FOUNDATION BOLTS SHALL BE OF GRADE HSGF 8.8 GRADE.
- WASHERS SHALL CONFORM TO IS: 5369, IS:5370, IS: 5372 OR IS: 5374.
- WELDING ELECTRODES SHALL CONFORM TO IS:814.
- ERECTOR SHALL CLEAN THE TOP OF BEARING SURFACES & THE BOTTOM OF BASE PLATES.
- ALL MATERIALS SHALL BE PROVIDED CONFIRMING TO TENDER DOCUMENT. IN SOR AND TECHNICAL SPECIFICATION IN CASE OF ANY DISCREPANCY, CONTRACTOR TO INFORM THE SAME TO PMC/OWNER
- ALL STRUCTURAL STEEL SHALL BE PAINTED WITH TWO COATS OF SYNTHETIC ENAMEL PAINT OVER APPROVED STEEL PRIMER COAT.
- NO HANDRAIL WILL BE PROVIDED IN LCV PLATFORM ON LCV SIDE TO ACCESS THE LCV.
- REFER MECHANICAL GAD FOR FIXING ARRANGEMENT & LOCATION OF LCV POST OVER FOUNDATION.
- DUE TO UNAVAILABILITY OF SOIL INVESTIGATION REPORT 5.0T/SQM SBC HAS BEEN CONSIDERED FOR THE FOUNDATION DESIGN WITH SOIL IMPROVEMENT AS MENTIONED IN DRAWING
- CBR VALUE IS NOT AVAILABLE.THEREFOR 5% CBR IS ASSUMED. CONTRACTOR TO ACHIEVE THE SAME.

**LEGEND**

FGL	-	FINISHED GROUND LEVEL
TOC	-	TOP OF CONCRETE
TOP	-	TOP OF PAVING
PCC	-	PLAIN CEMENT CONCRETE
BOF	-	BOTTOM OF FOUNDATION
C/C	-	CENTER TO CENTER
THK.	-	THICK
T	-	DIA OF BAR
- - - - -	-	TOP REINFORCEMENT (T)
- - - - -	-	BOTTOM REINFORCEMENT (B)

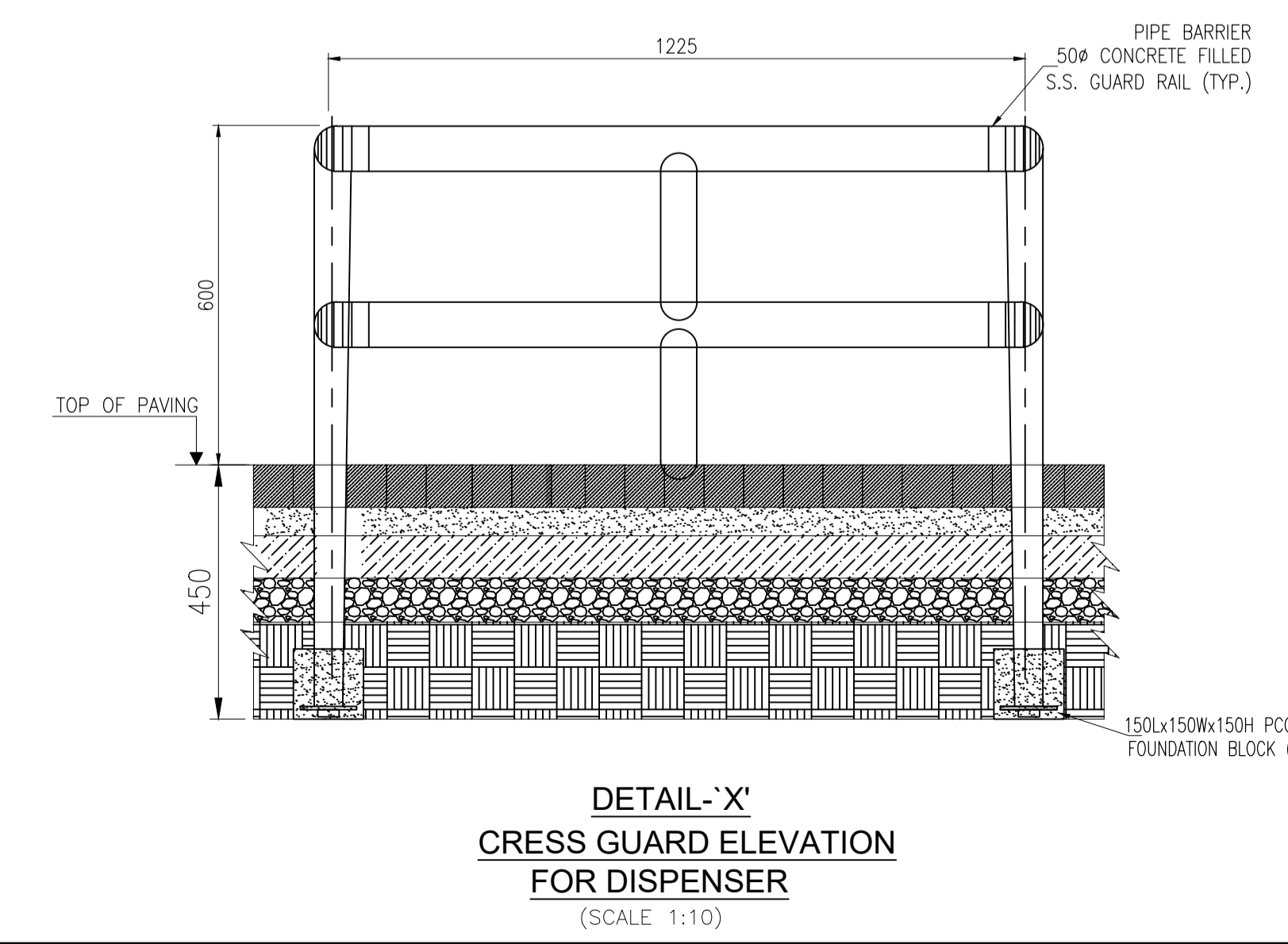
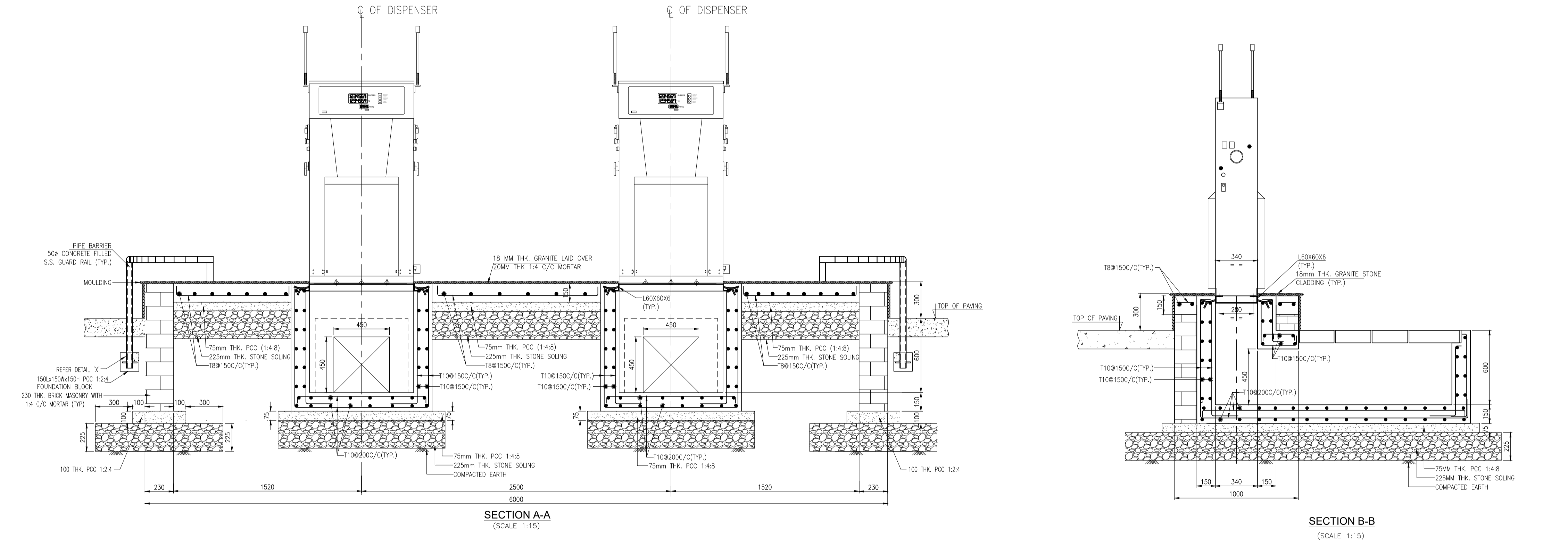
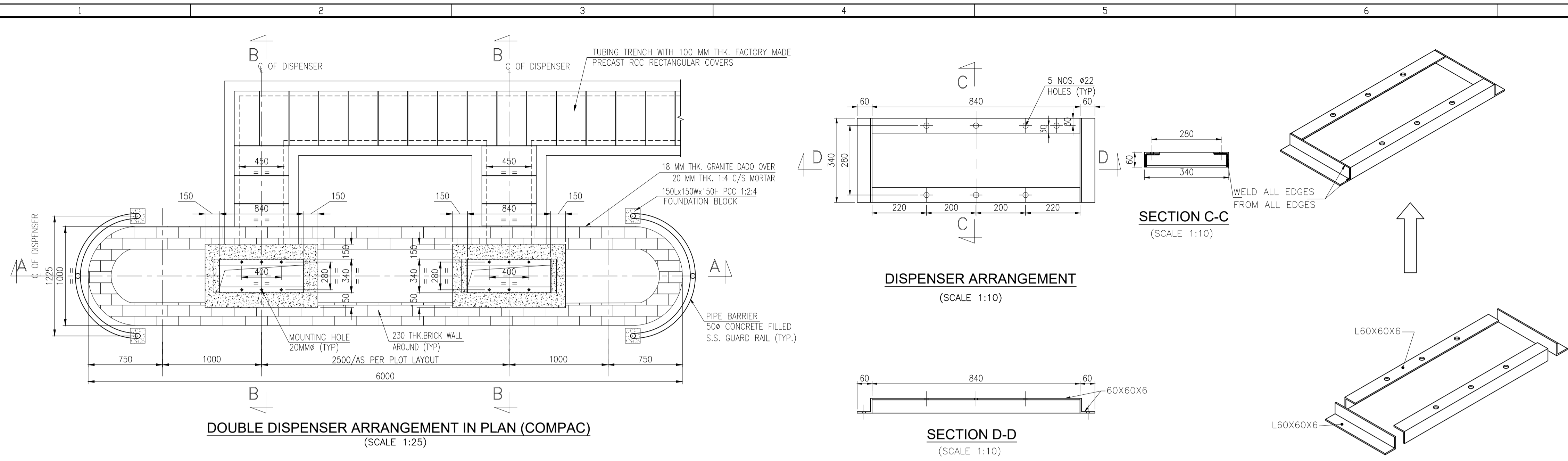
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0	12.08.2024	ISSUED FOR CONSTRUCTION	RV	PKV	AKN	-
Rev.	D M Y	Modifications	Drawn	Checked	Approved	Validated

CUSTOMER **Gasnet** GASONET SERVICES (RJ) LIMITED  
SUBJECT **LCV PLATFORM DETAILS OF OF CGS CUM MOTHER STATION**

	Size	Scale	Sheet	Rev.
	A1	1:25,20 & 10	1 of 1	A
<b>REPL-GNET-RJ-CGS-CNG-010</b>				

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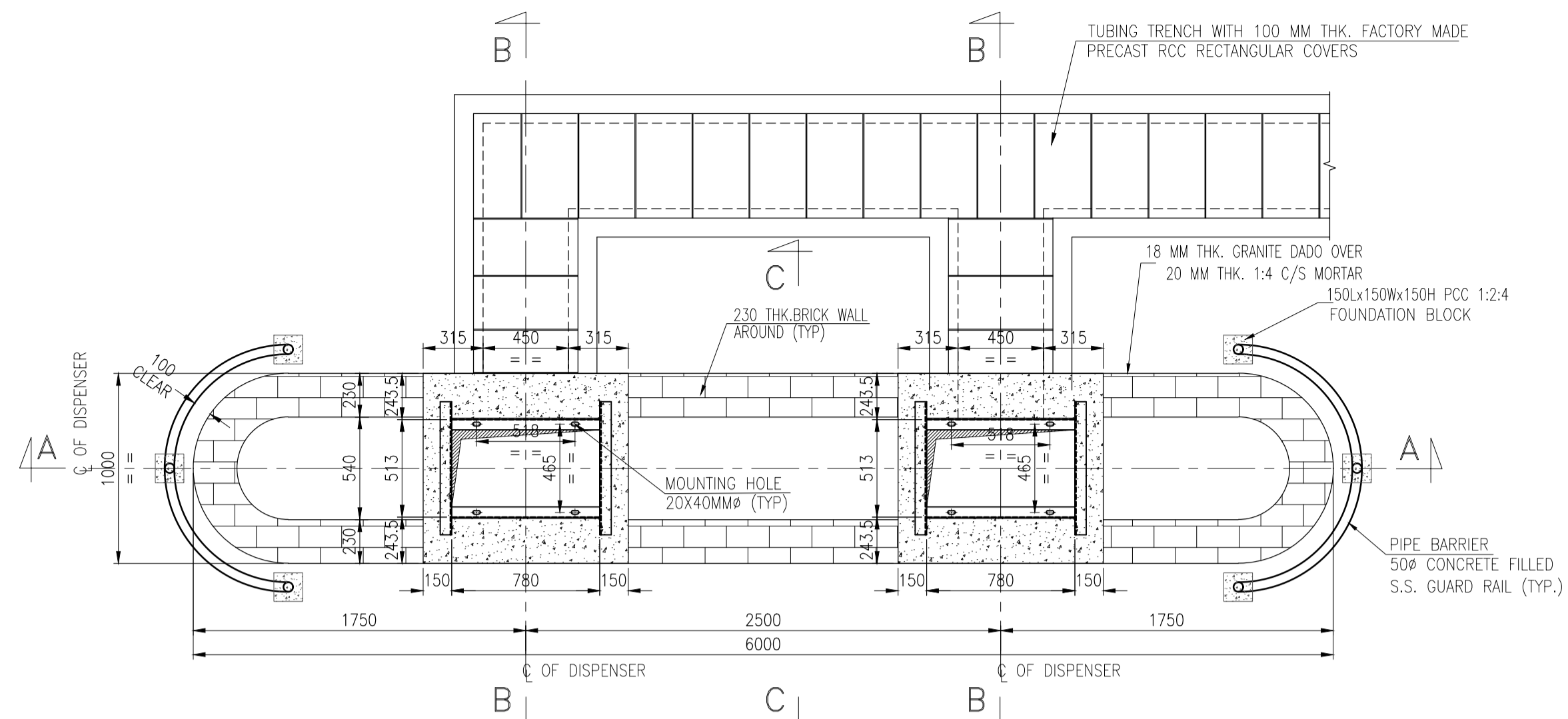
- NOTES**
- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METRES.
  - FOR EXACT LOCATION/LEVELS REFER LAYOUT PLAN DWG. NUMBER.
  - FGL SHALL BE 150MM BELOW THE BOTTOM OF PAVING AS MENTIONED IN DRAWING.
  - FOR EXACT LOCATION/LEVELS, REFER LATEST PLOT PLAN.
  - CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:-  
FOOTING SIDE 50  
RCC WALL 25
  - ALL PCC SHALL BE (1:4:8) UNLESS NOTED OTHERWISE.
  - SPLICING LENGTH SHALL BE 50 X DIA OF BAR.
  - LAP SHALL BE 50 TIMES DIA OF THE SMALLER BAR. NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT ANY SECTION.
  - DEVELOPMENT LENGTH (L<sub>d</sub>) SHALL BE 45 TIMES DIA OF THE BAR.
  - HIGH STRENGTH DEFORMED BARS OF YIELD STRENGTH F<sub>y</sub>5000 SHALL BE USED AS PER IS:1786 IN ALL RCC WORKS. CONTRACTOR TO KEEP ALL CONDUITS IN POSITION BEFORE CONCRETING.
  - PROVIDE WATER BASED DEEP PENETRATING SEALER OVER CONCRETE SURFACE LIKE CHAJJA & WATER TANK.
  - FOR LOCATION & COORDINATES OF DISPENSER REFER LATEST PLOT PLAN.

**LEGEND**

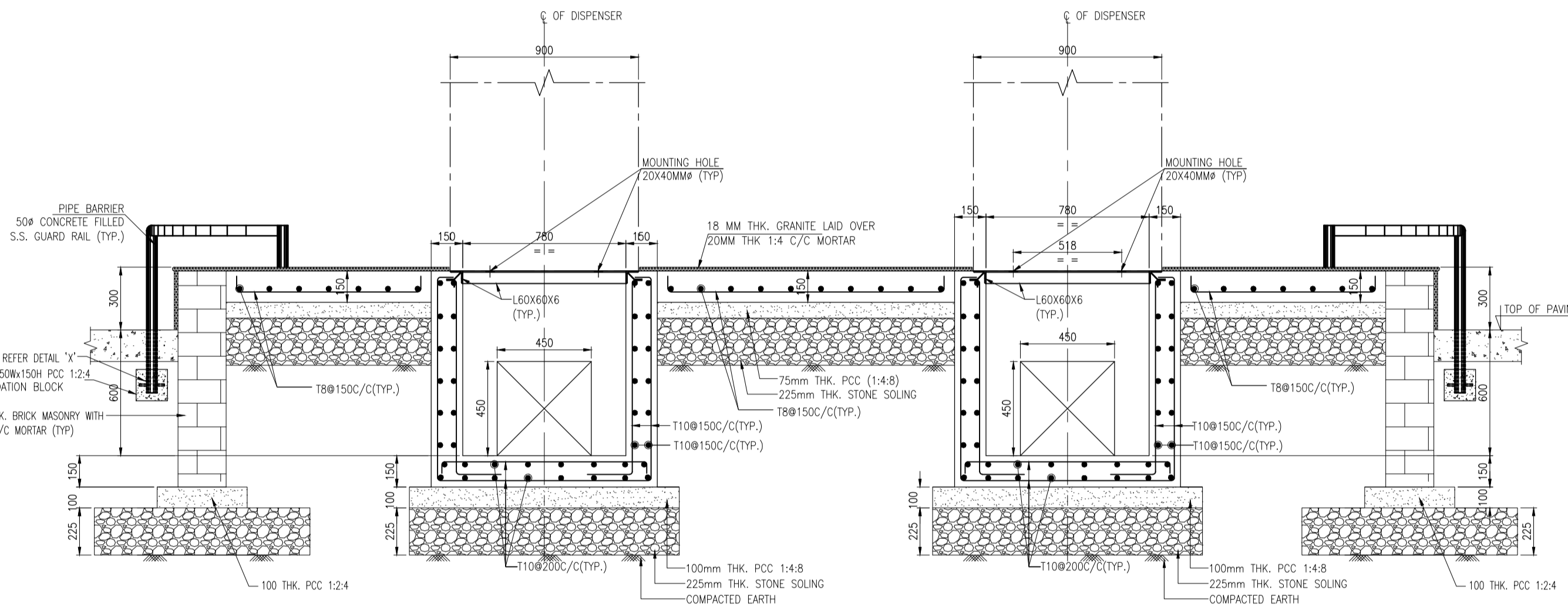
FGL	- FINISH GROUND LEVEL
C/C	- CENTER TO CENTER
CL	- CENTER LINE
—	- TOP REINFORCEMENT
- - -	- BOTTOM REINFORCEMENT

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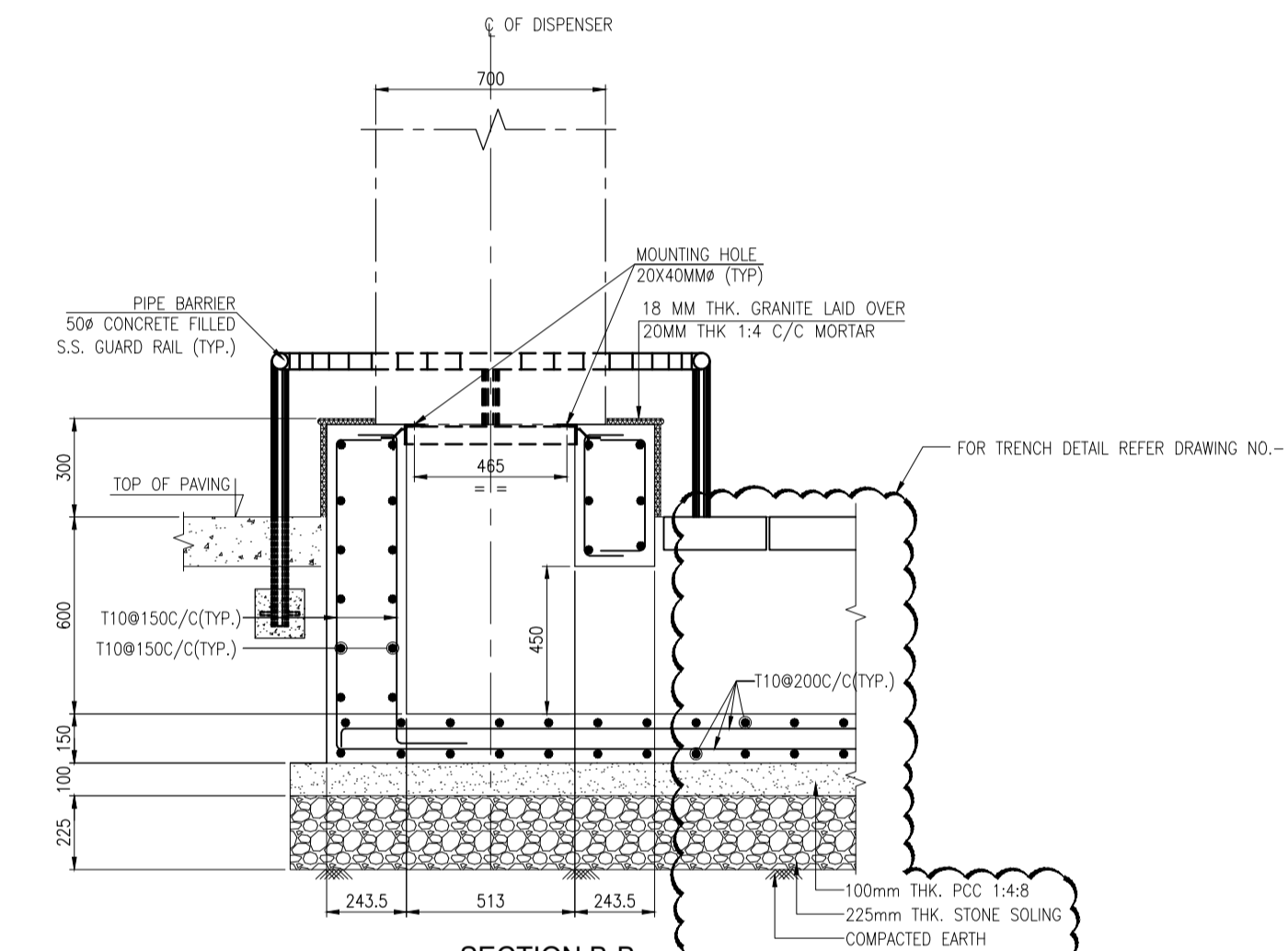
0	12.07.2024	ISSUED FOR CONSTRUCTION	RV	PKV	AKN	-
Rev.	D M Y	Modifications	Drawn	Checked	Approved	Validated
CUSTOMER		Gasonet GASONET SERVICES (RJ) LIMITED				
SUBJECT		DISPENSER ISLAND PLAN & DETAILS (COMPAC) FOUNDATION OF CGS CUM MOTHER STATION				
Size		Scale		Sheet		Rev.
A1		AS SHOWN		01 of 02		0
Resonance Energy Pvt. Ltd.		REPL-GNET-RJ-CGS-CNG-011				



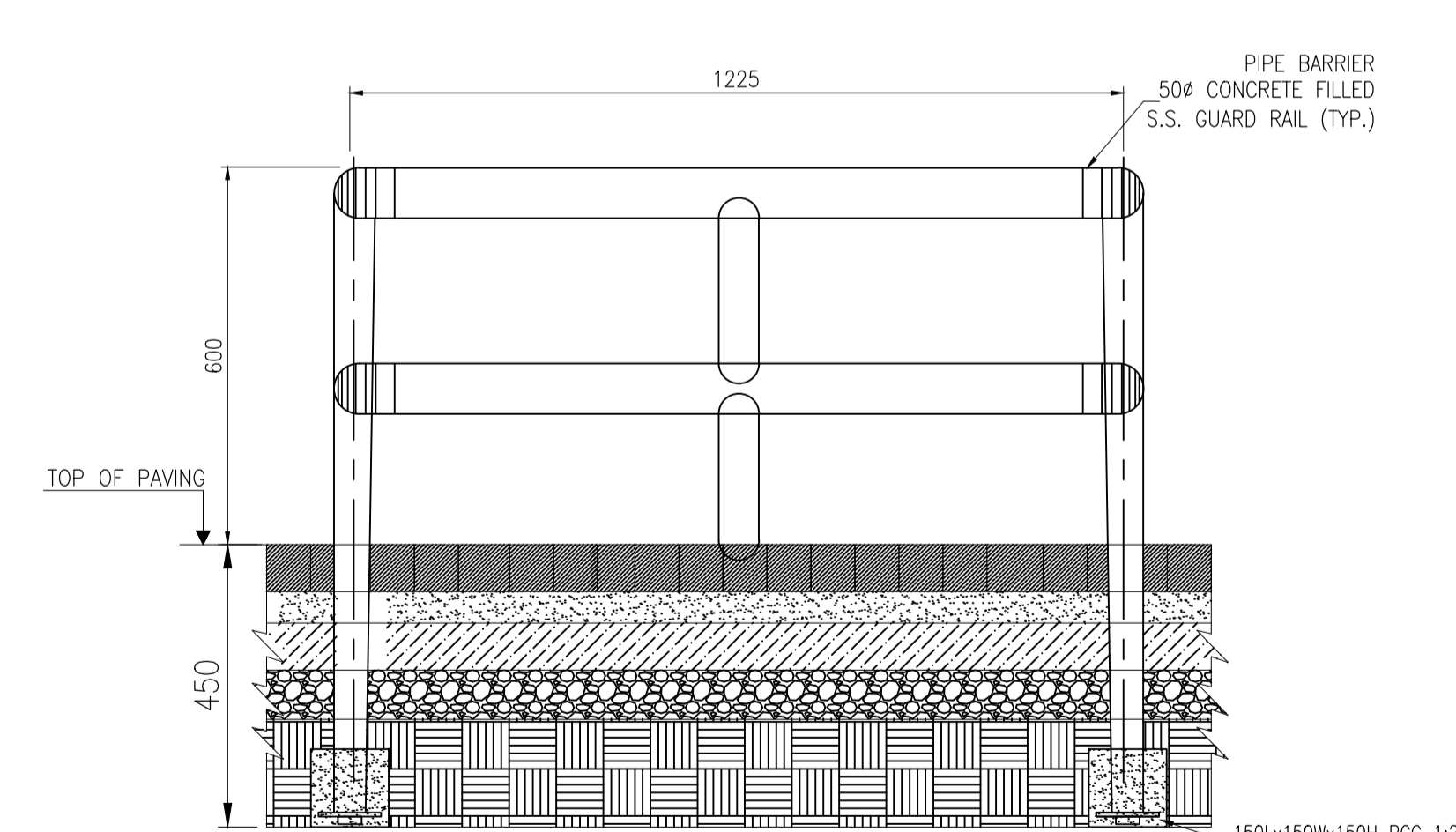
**DOUBLE DISPENSER ARRANGEMENT IN PLAN (PARKER)**  
(SCALE 1:25)



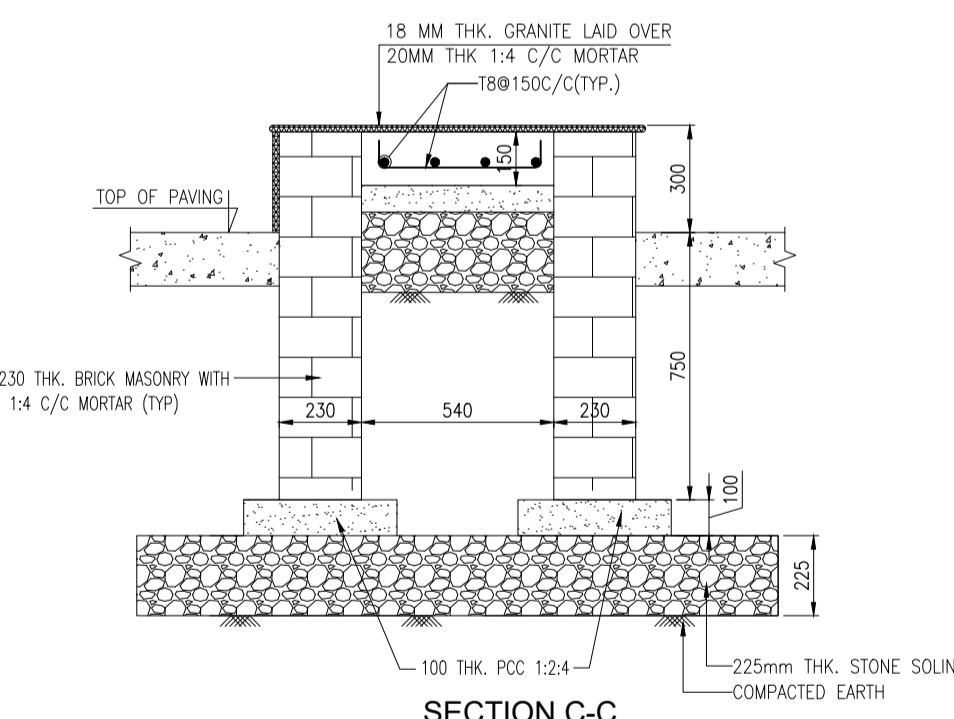
**SECTION A-A**  
(SCALE 1:15)



**SECTION B-B**  
(SCALE 1:15)



**DETAIL 'X'**  
**CROSS GUARD ELEVATION**  
**FOR DISPENSER**  
(SCALE 1:10)



**SECTION C-C**  
(SCALE 1:15)

**NOTES**

1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METRES.
2. FOR EXACT LOCATION/LEVELS REFER LAYOUT PLAN DWG. NUMBER.
3. FGL SHALL BE 150MM BELOW THE BOTTOM OF PAVING AS MENTIONED IN DRAWING
4. FOR EXACT LOCATION/LEVELS, REFER LATEST PLOT PLAN.
5. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:-
 

FOOTING	SIDE
RCC WALL	50
	25
6. ALL PCC SHALL BE (1:4:8) UNLESS NOTED OTHERWISE.
7. SPLICING LENGTH SHALL BE 50 X DIA OF BAR.
8. LAP SHALL BE 50 TIMES DIA OF THE SMALLER BAR. NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT ANY SECTION.
9. DEVELOPMENT LENGTH (Ld) SHALL BE 45 TIMES DIA OF THE BAR.
10. HIGH STRENGTH DEFORMED BARS OF YIELD STRENGTH F<sub>y</sub>5000 SHALL BE USED AS PER IS:1786 IN ALL RCC WORKS. CONTRACTOR TO KEEP ALL CONDUITS IN POSITION BEFORE CONCRETING.
11. PROVIDE WATER BASED DEEP PENETRATING SEALER OVER CONCRETE SURFACE LIKE CHAJJA & WATER TANK.
12. FOR LOCATION & COORDINATES OF DISPENSER REFER LATEST PLOT PLAN.

**LEGEND**

- FGL - FINISH GROUND LEVEL
- C/C - CENTER TO CENTER
- CL - CENTER LINE
- ℓ - TOP REINFORCEMENT
- - BOTTOM REINFORCEMENT

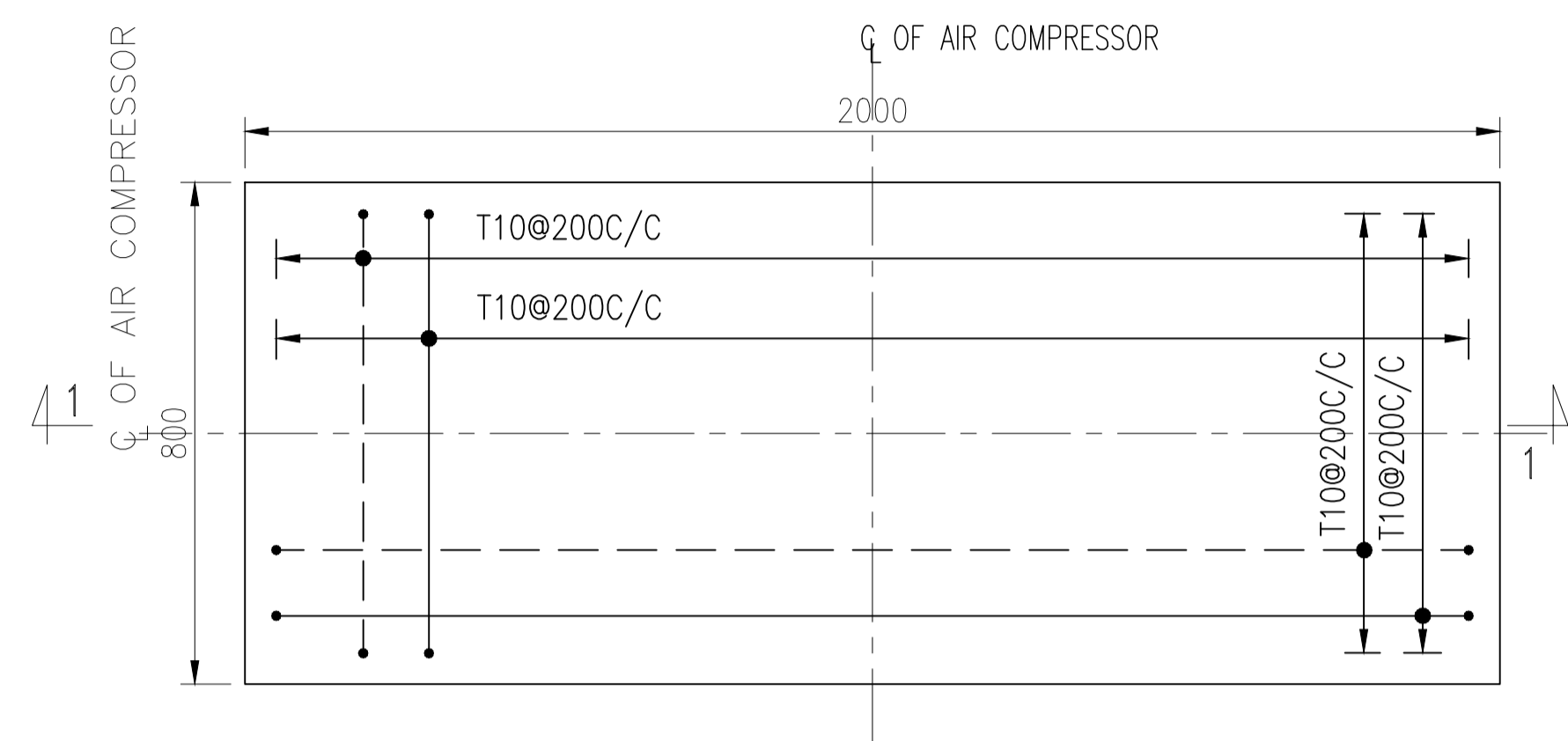
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Rev.	D M Y	Modifications	Drawn	Checked	Approved	Validated

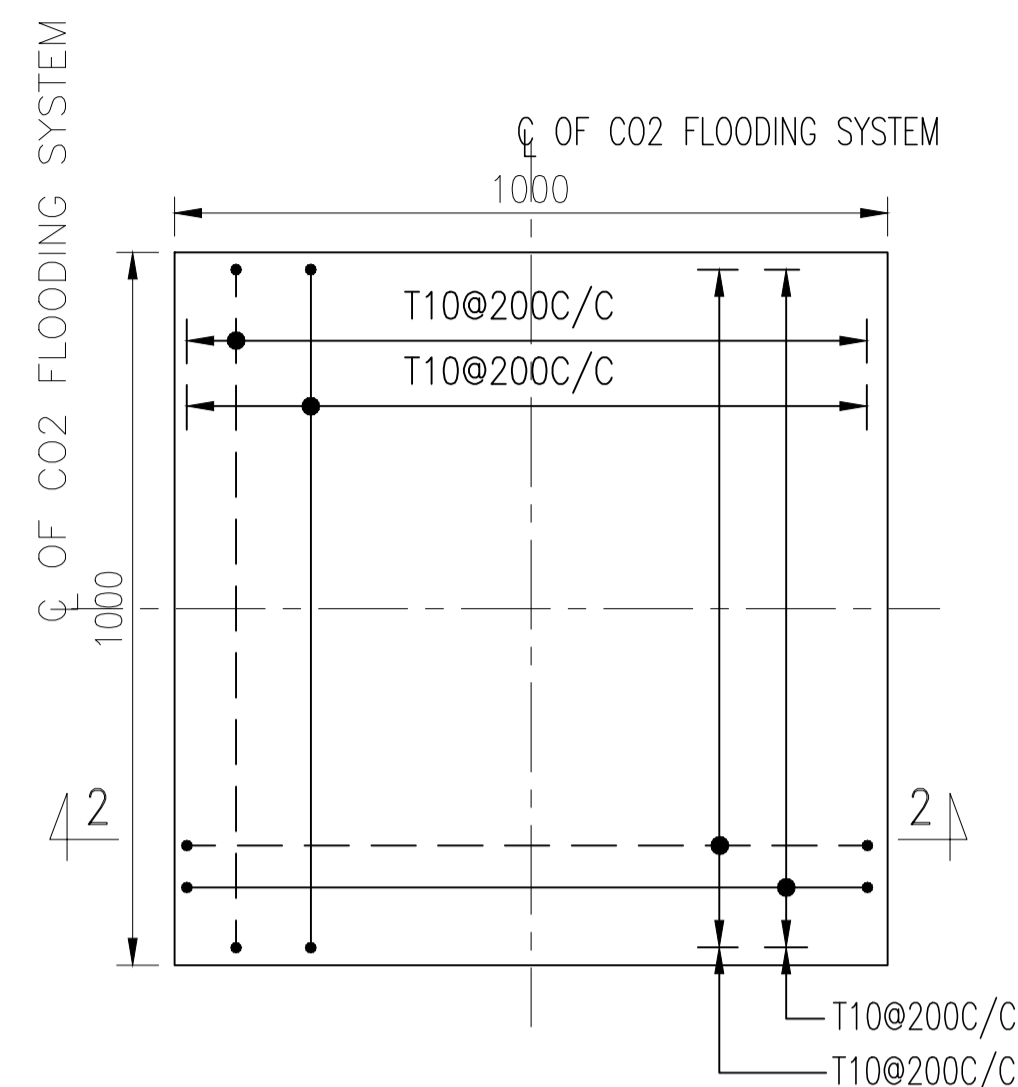
CUSTOMER: **Gasnet** GASONET SERVICES (RJ) LIMITED  
 SUBJECT: DISPENSER ISLAND PLAN & DETAILS (PARKER)  
 FOUNDATION OF CGS CUM MOTHER STATION

	Size	Scale	Sheet	Rev.
	A1	AS SHOWN	02 of 02	0
REPL-GNET-RJ-CGS-CNG-011				

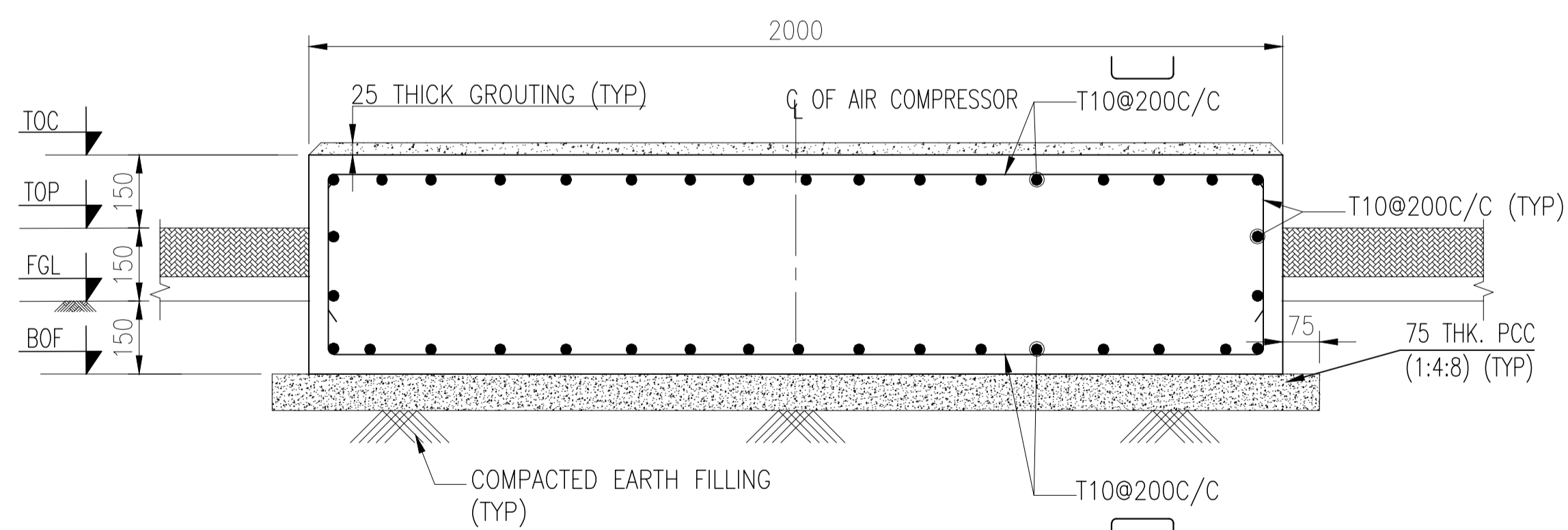
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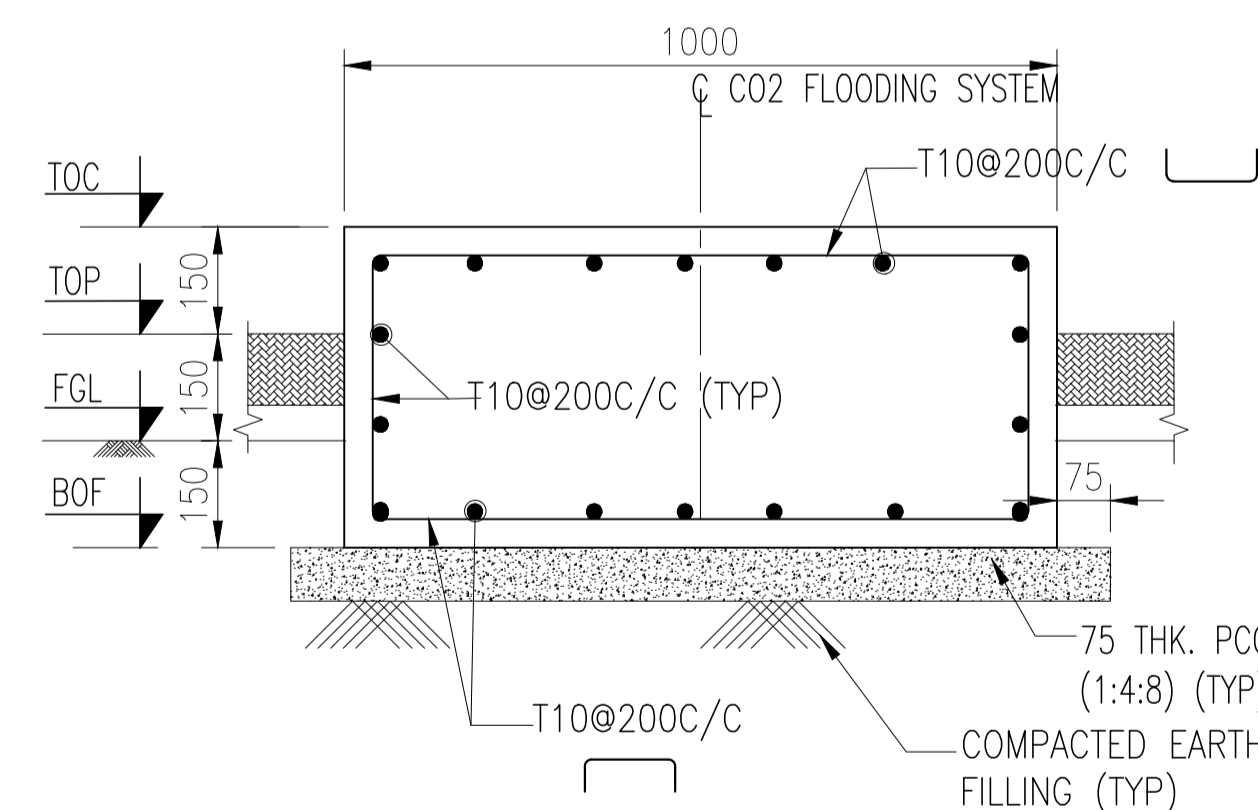
**AIR COMPRESSOR & AIR DRYER FOUNDATION PLAN**  
(SCALE 1:15)



**CO2 FLOODING SYSTEM FOUNDATION PLAN**  
(SCALE 1:15)



**SECTION 1-1**  
(SCALE 1:15)



**SECTION 2-2**  
(SCALE 1:15)

**NOTES**

1. ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS ARE IN METERS.
2. FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE THE DRAWING.
3. PROPOSED FINISHED GROUND LEVEL (FGL) EL.(±)100.00 SHALL MATCH WITH EXISTING FINISHED GROUND LEVEL.
4. CONCRETE (M25) SHALL BE USED IN ALL RCC WORK UNLESS NOTED OTHERWISE.
5. ALL P.C.C. SHALL BE (1:4:8) UNLESS NOTED OTHERWISE.
6. HIGH STRENGTH DEFORMED BARS OF FE500D SHALL BE USED AS PER IS:1786 IN ALL RCC WORK.
7. LAP LENGTH(LD) SHALL BE 50D FOR ALL BARS.
8. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:  
(a) FOUNDATION = 50mm
9. SOIL SHALL BE COMPACTED BELOW FOUNDATION UPTO 95% OF M.D.D. AS PER IS:2720.
10. LOCATION AND ORIENTATION OF AIR COMPRESSOR FOUNDATION TO BE CONFIRMED WITH APPROVED PLOT PLAN.
11. NON-SHRINKABLE CEMENT GROUT (SHRINKKOMP 20 OR ANY OTHER EQUIVALENT APPROVED BRAND) SHALL BE USED FOR GROUTING HOLDING DOWN BOLTS IN POCKET HOLES/ BOTTOM OF BASE FRAME FOR EQUIPMENT FOUNDATION IF REQUIRED.
12. ANCHORING OF BOLT FOR EQUIPMENT FIXING SHALL BE SUITE AS PER SITE (AS PER VENDOR GUIDELINE)
13. DUE TO UNAVAILABILITY OF SOIL INVESTIGATION REPORT 5.0T/SQM SBC HAS BEEN CONSIDERED FOR THE FOUNDATION DESIGN WITH SOIL IMPROVEMENT AS MENTIONED IN DRAWING
14. PARTICULAR GA FOR THIS FOUNDATION IS NOT AVAILABLE.HENCE WE HAVE DESIGNED & PROVIDED MAXIMUM SIZE & MAXIMUM WEIGHT OF AIR COMPRESSOR FOUNDATION SIZE OF FOUNDATION MAY CHANGE AFTER FINALIZATION OF GA.

**LEGEND**

TOC	-	TOP OF CONCRETE
TOP	-	TOP OF PAVING
BOF	-	BOTTOM OF FOUNDATION
C/C	-	CENTER TO CENTER
THK.	-	THICK
T	-	DIA OF BAR
- - -	-	TOP REINFORCEMENT (T)
— — —	-	BOTTOM REINFORCEMENT (B)

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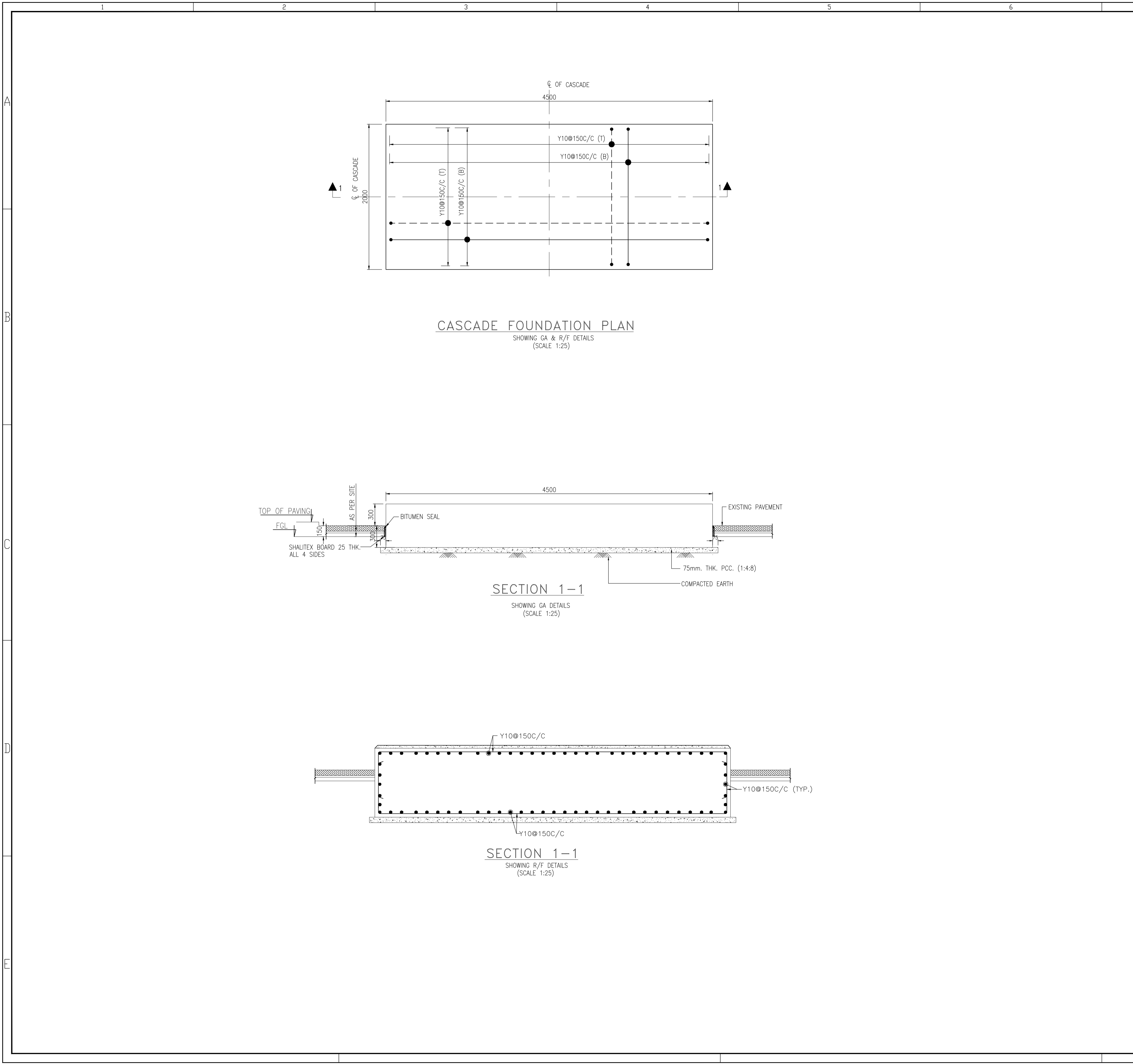
0	12.08.2024	ISSUED FOR CONSTRUCTION					
Rev.	D M Y	Modifications	Drawn	Checked	Approved	Validated	

CUSTOMER **Gasnet** GASONET SERVICES (RJ) LIMITED

SUBJECT AIR COMPRESSOR FOUNDATION DETAILS OF OF CGS CUM MOTHER STATION

	Size	Scale	Sheet	Rev.
	A1	1:25	1 of 1	0
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**NOTES**

- ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS ARE IN METERS.
- PROPOSED FINISHED GROUND LEVEL (FGL) EL.(±)0.00 SHALL BE MATCH WITH EXISTING FINISHED GROUND LEVEL.
- 5T/SQM. SBC HAS BEEN GAS GENERATOR FOR THE FOUNDATION DESIGN WITH SOIL IMPROVEMENT. AS MENTIONED IN CASCADE FOUNDATION DRAWING.
- HIGH STRENGTH DEFORMED BARS OF FE500D SHALL BE USED AS PER IS:1786 IN ALL RCC WORK.
- LAP LENGTH(LD) SHALL BE 50D FOR ALL REINFORCEMENT BARS.
- CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
  - FOUNDATION (BOTTOM) = 75mm
  - FOUNDATION (TOP) = 50mm
  - FOUNDATION (SIDE) = 50mm
- IN THE PRESENCE OF LOOSE SOIL, RUBBLE STONE SOLING (BOULDERS OF SIZE 100 TO 150MM) SHOULD BE DONE OVER SUBGRADE SOIL WHICH SHOULD BE COMPACTED TO ACHIEVE 95% OF MDD. SAME SHOULD BE TESTED WITH CORE CUTTER OR SAND REPLACEMENT METHOD UNDER THE SUPERVISION OF SITE INCBHAGGE. FILLING SHOULD BE DONW IN THE LAYER OF MAXIMUM THICKNESS 150 MM.
- LOCATION OF CASCADE FOUNDATION TO BE CONFIRMED WITH APPROVED PLOT PLAN.
- BLOCK LOCATION AND SIZES FOR LADDER FOUNDATION SHALL BE PROVIDED AS PER GAS GENERATOR VENDOR/SUIT AT SITE.
- THE BASE PLATE DIMENSION OF THE EQUIPMENT SHALL NOT EXCEED THE FOUNDATION DIMENSION.
- NON-SHRINKABLE CEMENT GROUT (SHRINKKOMP 20 OR ANY OTHER EQUIVALENT APPROVED BRAND) SHALL BE USED FOR GROUTING HOLDING DOWN BOLTS IN POCKET HOLES/ BOTTOM OF BASE FRAME FOR EQUIPMENT FOUNDATION.
- SUB-GRADE SOIL SHALL BE WELL COMPACTED TO ACHIEVE 95% OF MDD AND COMPACTION TEST SHALL BE PERFORMED UNDER THE SUPERVISION OF SITE IN-CHARGE. HOWEVER IN TEST SHALL BE PERFORMED UNDER THE SUPERVISION OF SITE IN-CHARGE. HOWEVER IN THE CASE OF LOOSE SUB GRADE SOIL THEN LOOSE SOIL SHALL BE REPLACED WITH RUBBLE SOILING AS MENTIONED IN NOTE-9.
- SUITABLE PRECAUTION SHALL BE TAKEN WHILE EXCAVATION TO AVOID UNDER PINNING OF SOIL BELOW GAS GENERATOR FOUNDATION.

**LEGEND & BOM**

- HPP = HIGHEST PAVEMENT POINT
- TOG = TOP OF GROUT
- TOC = TOP OF CONCRETE
- TYP = TYPICAL
- TOS = TOP OF STEEL
- DET. = DETAIL
- BOBP = BOTTOM OF BASE PLATE
- BOS = BOTTOM OF STEEL
- TOGR = TOP OF GRATING

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	ISSUED FOR CONSTRUCTION				
Rev.	D M Y	Modifications	Drawn	Checked	Approved/Validated
CUSTOMER	<b>GASONET SERVICES (RJ) LIMITED</b>				
SUBJECT	1500 WL CAPACITY GAS GENERATOR (GG SET) FOUNDATION DETAILS OF CGS CUM MOTHER STATION				
<b>Resonance Energy Pvt. Ltd.</b>		Size	Scale	Sheet	Rev.
		A1	1:25	1 of 1	0
		REPL-GNET-RJ-CGS-CNG-013			

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