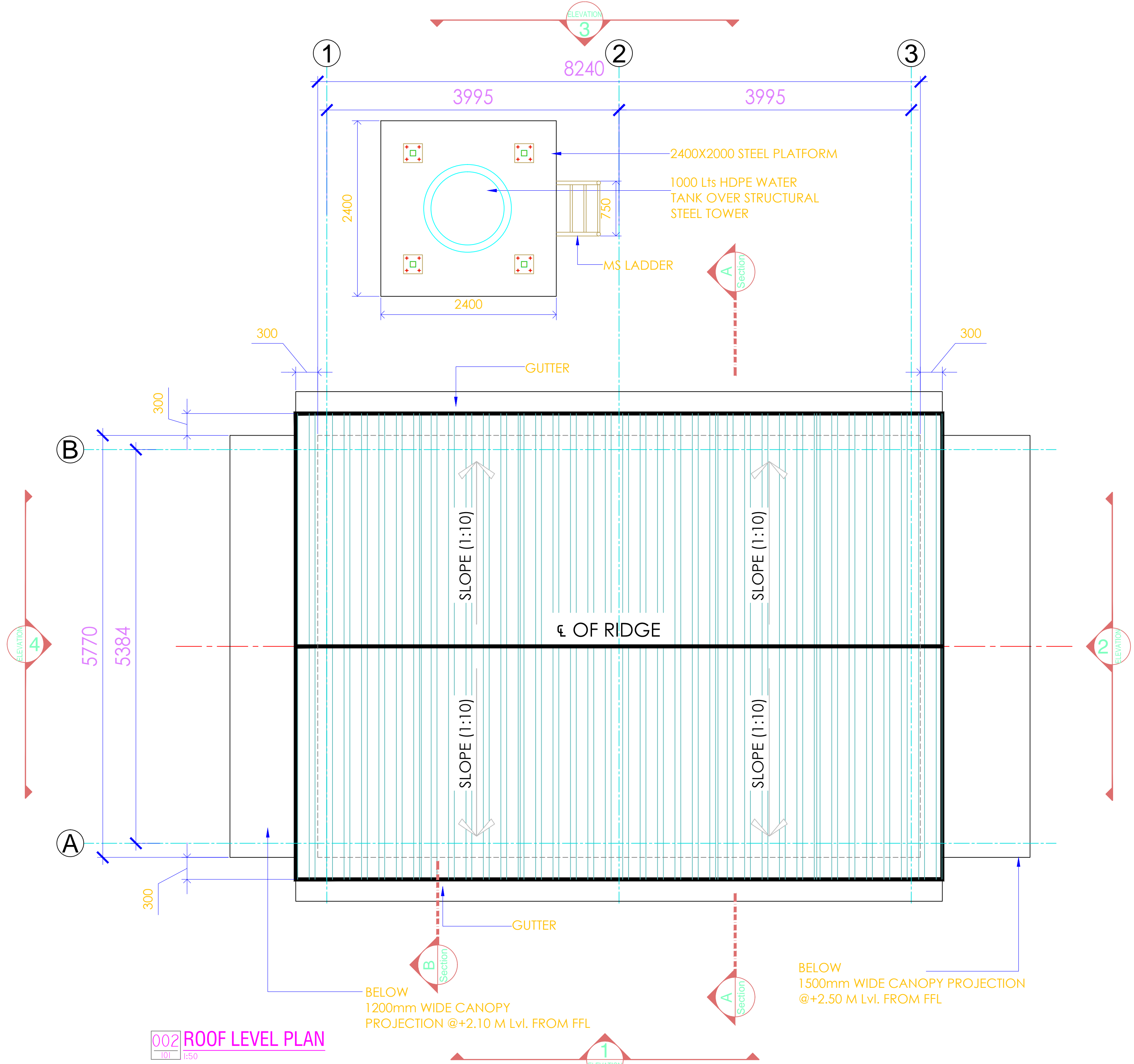
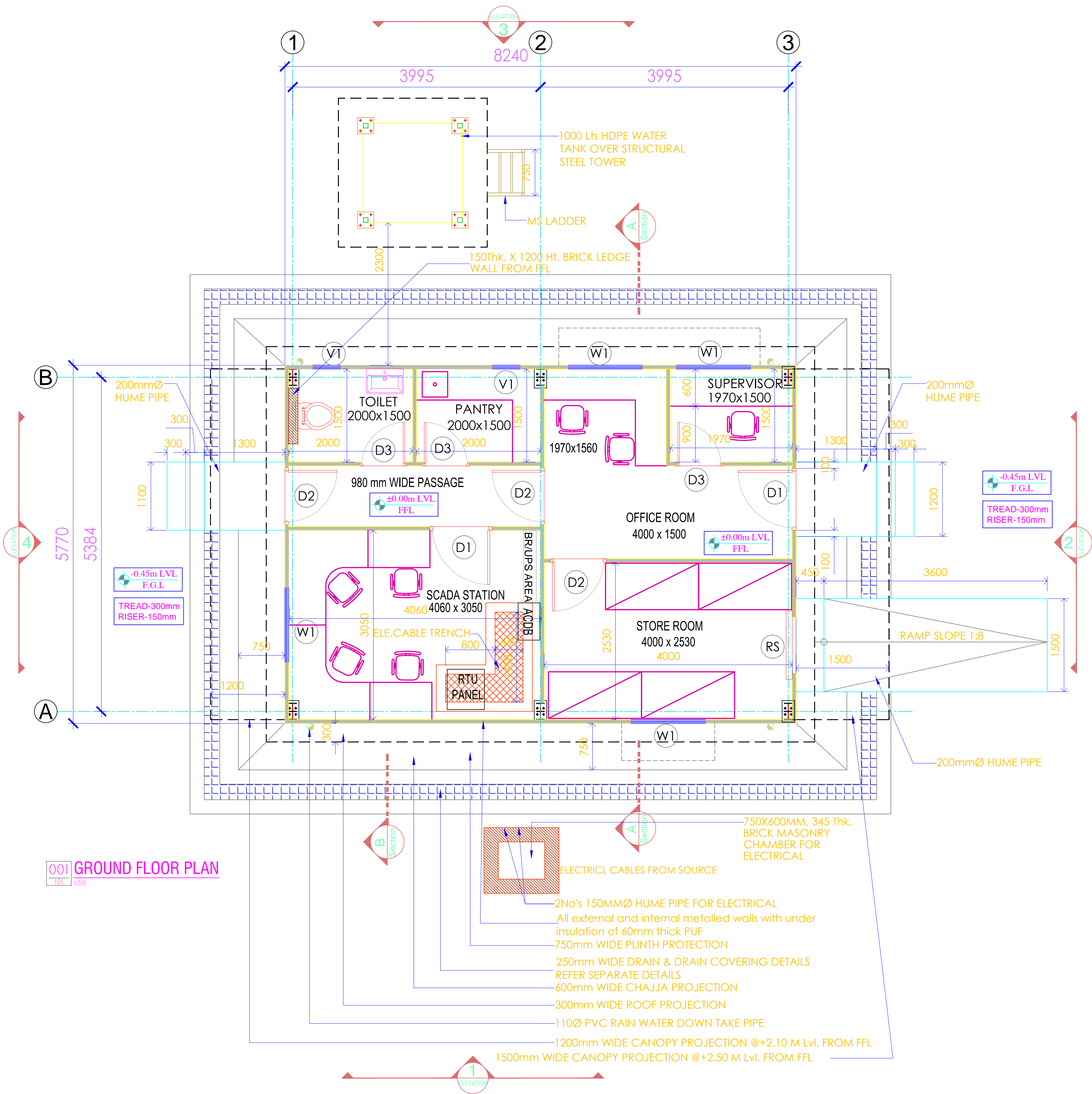


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SCHEDULE OF OPENINGS					
TYPE	SIZE	QTY/Nos	DESCRIPTION	SILL TOP FROM FFL	LINTEL BOT. FROM FFL
RS	900x2500	1No.	Rolling shutter (Hand operated) shall be fabricated from 18 gauge steel and machine rolled with 75 mm rolling centres with effective bridge depth of 12 mm lath sections, interlocked with each other and ends locked with malleable cast iron clips to IS:2108 and shall be designed to withstand a wind load without excessive deflection. Metal rolling shutters and rolling grills as IS: 6248.	-	+2.50 m Lvl.
D1	1000x2100	2No's.	Water proof based 50 mm insulated M.S Door with hydraulic door closer, locks, handles. Doors shall be fixed with heavy gauge MS Hinges FOR STEEL FRAMES IS 2062, For Hinge – IS 1341/1992 For Hydraulic Door Closer – IS 3564/96 Type-2	-	+2.10 m Lvl.
D2	900x2100	2No's.	Water proof based 50 mm insulated M.S Door with hydraulic door closer, locks, handles. Doors shall be fixed with heavy gauge MS Hinges FOR STEEL FRAMES IS 2062, For Hinge – IS 1341/1992 For Hydraulic Door Closer – IS 3564/96 Type-2	-	+2.10 m Lvl.
D3	750x2100	3No's.	Water proof based 50 mm insulated M.S Door with hydraulic door closer, locks, handles. Doors shall be fixed with heavy gauge MS Hinges FOR STEEL FRAMES IS 2062, For Hinge – IS 1341/1992 For Hydraulic Door Closer – IS 3564/96 Type-2	-	+2.10 m Lvl.
W1	1200x1200	4No's	ALUMINIUM POWDER COATED - Min. DFT 25 Micron (BLACK COLOUR) SLIDING WINDOW FRAME SIZE 92X31mm IN 16 G THK., HANDLE LATCH, HINGES, 4mm THK TINTED GLASS WITH ALUMINIUM GRILL.	+0.90 m Lvl.	+2.10 m Lvl.
V1	450x600	2No's	ALUMINIUM POWDER COATED - Min. DFT 25 Micron (BLACK COLOUR) WITH 4mm THK TINTED GLASS LOUVERS VENTILATOR WITH ALUMINIUM GRILL AND EXHAUST FAN -150Ø KHATAN/C.G/Equi.	+2.10 m Lvl.	+2.70 m Lvl.

SCHEDULE OF FINISHES						
Sl.no.	NAME OF ROOM	TYPE OF FLOORING	FALSE CEILING	A/C	SINK / EWC / WASH BASIN	FURNITURE
1	ENTRANCE STEPS & RISERS AND RAMP	50mm Thk. IPS FLOORING				
2	PASSAGE	100 mm Thk. PCC FLOORING				
3	OFFICE ROOM	100 mm Thk. PCC FLOORING	5 mm Thk. PVC FIBRE 100% WATER PROOF SHEET OVER	1 No. Of SPLIT AC -1.0TR VOLTAS/EQUIVALENT MAKE		SUITABLE TABLE & 2 No.s of SWIVEL CHAIR GODREJ/Equivalent.
4	CABIN FOR SUPERVISOR	100 mm Thk. PCC FLOORING	100 mm Thk. GLASS WOOL (DENSITY 24 KG/CUM) INSULATION (100% WATER PROOF),	1 No. Of SPLIT AC -1.0TR VOLTAS/EQUIVALENT MAKE		SUITABLE TABLE & 1 No. of SWIVEL CHAIR GODREJ/Equivalent.
5	SCADA STATION	100 mm Thk. PCC FLOORING	CONFORMING TO IS 8183/93.	1 No's. of SPLIT AC -1.5TR VOLTAS/EQUIVALENT MAKE		SUITABLE TABLE & 4 No.s of SWIVEL CHAIR GODREJ/Equivalent.
6	STORE ROOM	100 mm Thk. PCC FLOORING				4 No's of M.S STORAGE CUPBOARD EACH CUP BOARD MADE OF M.S WITH FULL HEIGHT DOOR SIZE-4'10" (WIDTH) X 2'6" (DEPTH) X 6' (HT) COMPRISING WITH 02 PARTITIONS AT 2 FT HEIGHT. (Structural steel for frame conforming to IS : 2062)
7	PANTRY	100 mm Thk. PCC FLOORING			1 No. of S.S SINK - NIRAALI MAKE - OMINI (410X410mm)	
8	TOILET	300X300X6mm Thk. ANTI-SKID CERAMIC TILES OVER RCC FLOORING			1 No. of EWC & 1 NO of WASH BASIN HINDWARE/PARIVAR/Equi.	

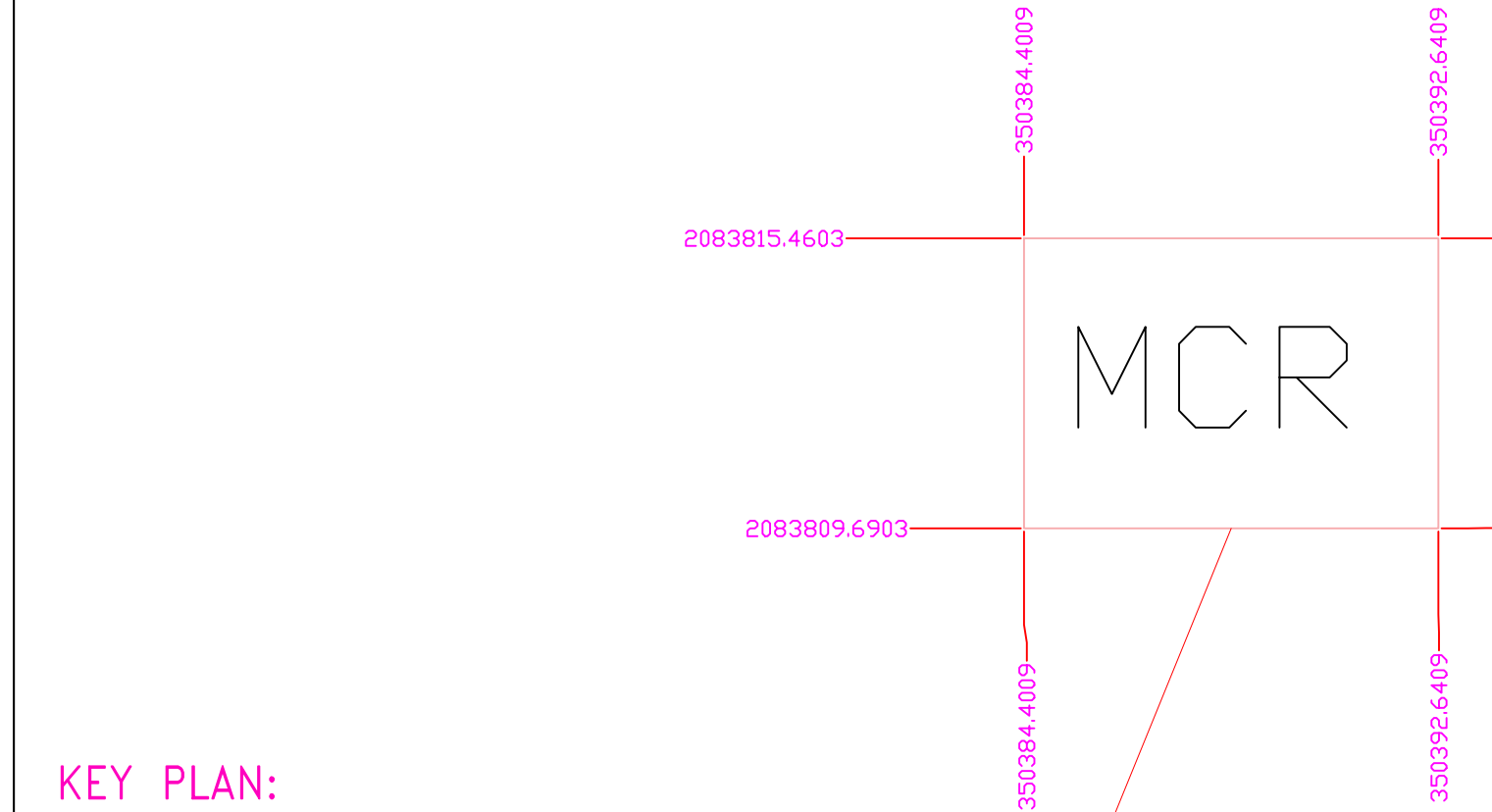
SPECIAL NOTES :- Metal sheets in wall and roof panels shall be colour coated with total coating thickness of 25 microns (nominal) dry film thickness (DFT) comprising of silicon modified polyester (SMP with silicon content of 30% to 50 % paint or Super Durable Polyester(XRW) paint of 20 microns (nominal) on one side (exposed face) on 5 micron (nominal) primer coat and 10 microns (nominal) SMP or Super Durable Polyester paint over 5 micron (nominal) primer coat on other side. SMP and polyester paints system shall conform to Product type 4 as per AS/ANZ 2728. The structural steel shall be hot-dipped galvanized, conform to IS: 4759 or relevant Indian standard.



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 - All corresponding structural dwgs.
 - The corresponding contour & survey plans.
 - The arrangements/sizes of columns, beams, slabs, etc, show the architectural dwgs are only indicative, meant only for ref.
 - The arrangement of the same shall be followed only from the structural drawings.

- SPECIAL NOTES
- ALL ELECTRICAL WIRING SHALL BE OF CONCEALED AND FIRE-RESISTANT TYPE ONLY AND SHALL RUN THROUGH PVC CONDUITS.
 - 2MCR SHALL BE PROVIDED WITH FRESH WATER AND WASTE WATER PLUMBING. THE LATTER SHALL BE CONNECTED TO A SEPTIC TANK AND SOAK PIT.
 - 3ALL BRICKWORK SHALL CONSIST OF BRICKS OF CLASS DESIGNATION 7.5 CONFORMING TO IS 1077, IS 2212, IS 3620.
 - 4PVC TANK SHALL CONFORM TO IS 12701.
 - 5FOR FOUNDATIONS REFER SEPARATE DRAWING.
 - 6THE LOWER EDGES OF THE WALL PANEL SHALL BE FLUSHED WITH THE PLINTH USING ANTI SHRINK CEMENT GROUT.
 - 7ALL THE GPS IN THE LAPPING ARRANGEMENTS (or) ANY SUCH PROVISION AT THE JOINTS OF THE PANELS SHALL BE FILLED WITH SILICON GEL.
 - 8ALL PRIMARY STRUCTURAL MEMBERS (TRUSS MEMBERS, BEAMS, COLUMNS, ETC.) SHALL BE OF MIN. 4 mm THICK AND OF MIN. GRADE E350 QUALITY BR CONFORMING TO IS 2062.
 - 9ALL SECONDARY STRUCTURAL MEMBERS (PURLINS, GRITS, ETC.) SHALL BE OF MIN. THICKNESS 3.15 AND THE STEEL SHALL BE OF MIN. GRADE E350 CONFORMING TO IS 2062.
 - 10ALL STRUCTURAL STEEL SHALL BE HOT-DIPPED GALVANIZED, CONFORMING TO IS: 4759. GALVANIZATION SHALL TAKE PLACE AFTER CUTTING OF MEMBERS AND PUNCHING OF HOLES.
 - 11METAL SHEETS IN WALLS AND ROOF CLADDINGS SHALL BE AL-ZN ALLOY COATED HIGH TENSILE STEEL SHEETS OF GRADE YS 550 COATING CLASS AZ150 (S) WITH BASE METAL THICKNESS NOT LESS THAN 0.5 mm.
 - 12METAL SHEETS IN WALL AND ROOF CLADDINGS SHALL BE SHALL BE COLOR COATED WITH TOTAL COATING THICKNESS OF 25 MICRONS (NOMINAL) DRY FILM THICKNESS (DFT) COMPRISING OF SILICON MODIFIED POLYESTER (SMP WITH SILICON CONTENT OF 30% TO 50 %) PAINT OR SUPER DURABLE POLYESTER(XRW) PAINT OF 20 MICRONS (NOMINAL) ON ONE SIDE (EXPOSED FACE) ON 5 MICRON (NOMINAL) PRIMER COAT AND 10 MICRONS (NOMINAL) SMP OR SUPER DURABLE POLYESTER PAINT OVER 5 MICRON (NOMINAL) PRIMER COAT ON OTHER SIDE. SMP AND POLYESTER PAINTS SYSTEM SHALL CONFORM TO PRODUCT TYPE-4 AS PER ASIANZ 2728.
 - 13METAL SHEETS IN WALLS AND ROOF CLADDINGS SHALL BE SEPARATED THROUGH A SPACER SYSTEM COMPRISED OF COLD FORMED BARS FASTENED WITH 2N/ZN-SN COATED SELF DRILLING SCREWS. THE SIZE OF SUCH FASTENERS SHALL BE AS PER SHEET MANUFACTURER'S RECOMMENDATIONS.
 - 14ALL THE VOIDS BETWEEN THE METAL SHEETS OF WALLS AND ROOFS SHALL BE FILLED WITH MIN. 70 mm THICK POLY URETHANE FOAM (PUF). PUF SHALL BE MADE OF CONTINUOUS METHOD AND BE OFC FREE, SELF-EXTINGUISHING, FIRE RETARDANT TYPE WITH DENSITY 40 KG/M3 AND THERMAL CONDUCTIVITY 0.019-2.2 W/(m.K) AT 10°C
 - 15) Locations & coordinates in the key plan to be confirmed from approved "Overall plant layout with array details" drawing before execution.
 - 16) The location and details of Water Tank shall be as per the MCR Water Tank Foundation Drawing (SCCL-STPP5-SECI-NGESL-DWG-CIV-105)

MCR CORNER COORDINATES			
MCR	(x) easting	(y) northing	x,y
	350384.4009	2083809.6903	350384.4009,2083809.6903
	350384.4009	2083815.4603	350384.4009,2083815.4603
	350392.6409	2083815.4603	350392.6409,2083815.4603
	350392.6409	2083809.6903	350392.6409,2083809.6903



EPC CONTRACTOR:		CLIENT:		REV.NO.	DESCRIPTION	DATE	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT TITLE: 10MW (AC) Floating Solar PV Power Project		SHEET
<div>Novus Green</div> <div>NOVUS GREEN ENERGY SYSTEMS LTD.</div> <div>TEL. : 040-6999-3245, FAX : +(91)-040-40045515</div> <div>Email : info@novusgreen.in, Website :www.novusgreen.in</div> <div>(An ISO 9001 : 2015 Company)</div>		<div>Singareni Collieries Company Limited (SCCL),</div> <div>Telangana</div> <div>Solar Energy Corporation of India Limited</div>		02	SUBMISSION FOR APPROVAL	06.06.21	ASHOK	ADITHYA	PRAVEEN	DRAWING DESCRIPTION	MCR Architectural Plan, Elevations, Sections and Finishing	SCALE
				03	SUBMISSION FOR APPROVAL	22.07.21	ASHOK	ADITHYA	PRAVEEN	DRAWING/DOCUMENT NUMBER	SCCL-STPP-SECI-NGESL-DWG-CIV-096	SHEET SIZE
				04	SUBMISSION FOR APPROVAL	19.08.21	ASHOK	ADITHYA	PRAVEEN	RELEASED FOR		REVISION
				05	SUBMISSION FOR APPROVAL	09.09.21	ASHOK	RAJASHEKAR	PRAVEEN			
										<input type="checkbox"/> TENDER <input type="checkbox"/> PRELIMINARY <input checked="" type="checkbox"/> APPROVAL FOR EXECUTION <input type="checkbox"/> AS-BUILT		

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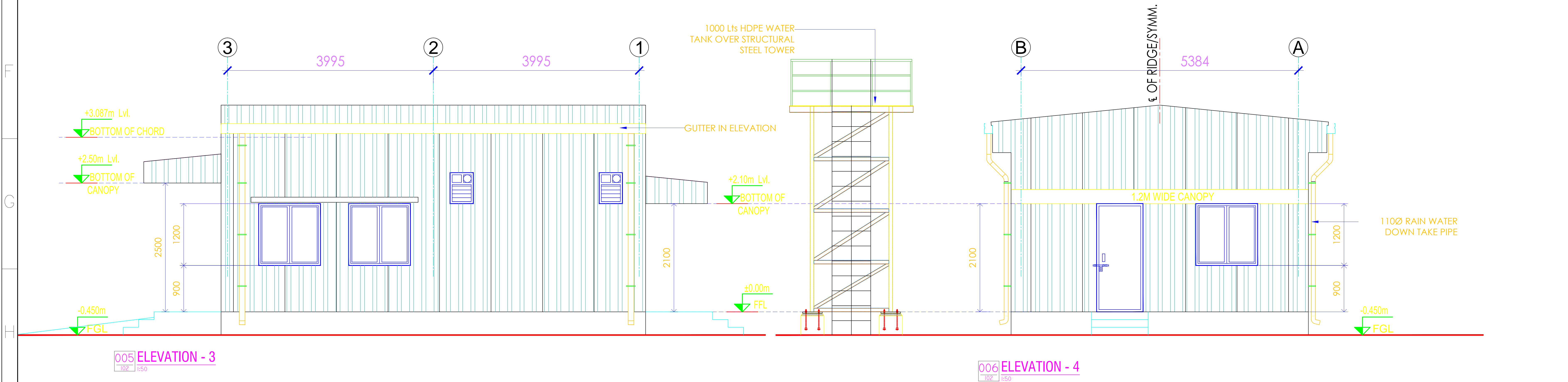
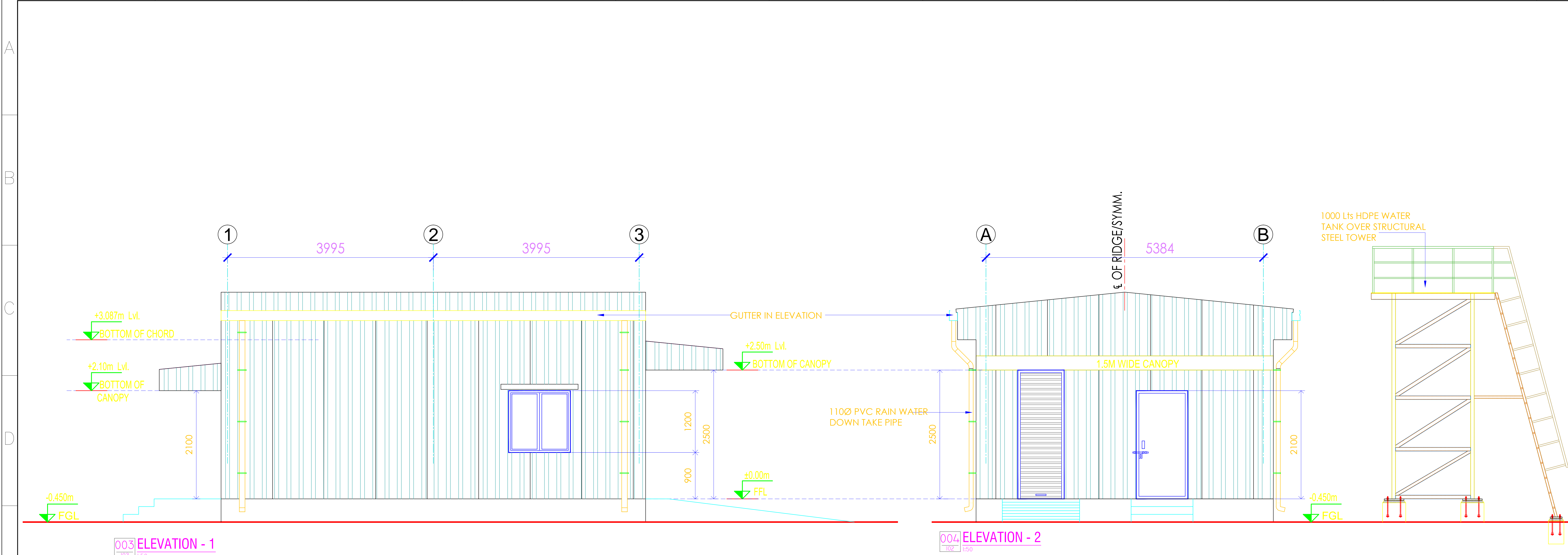
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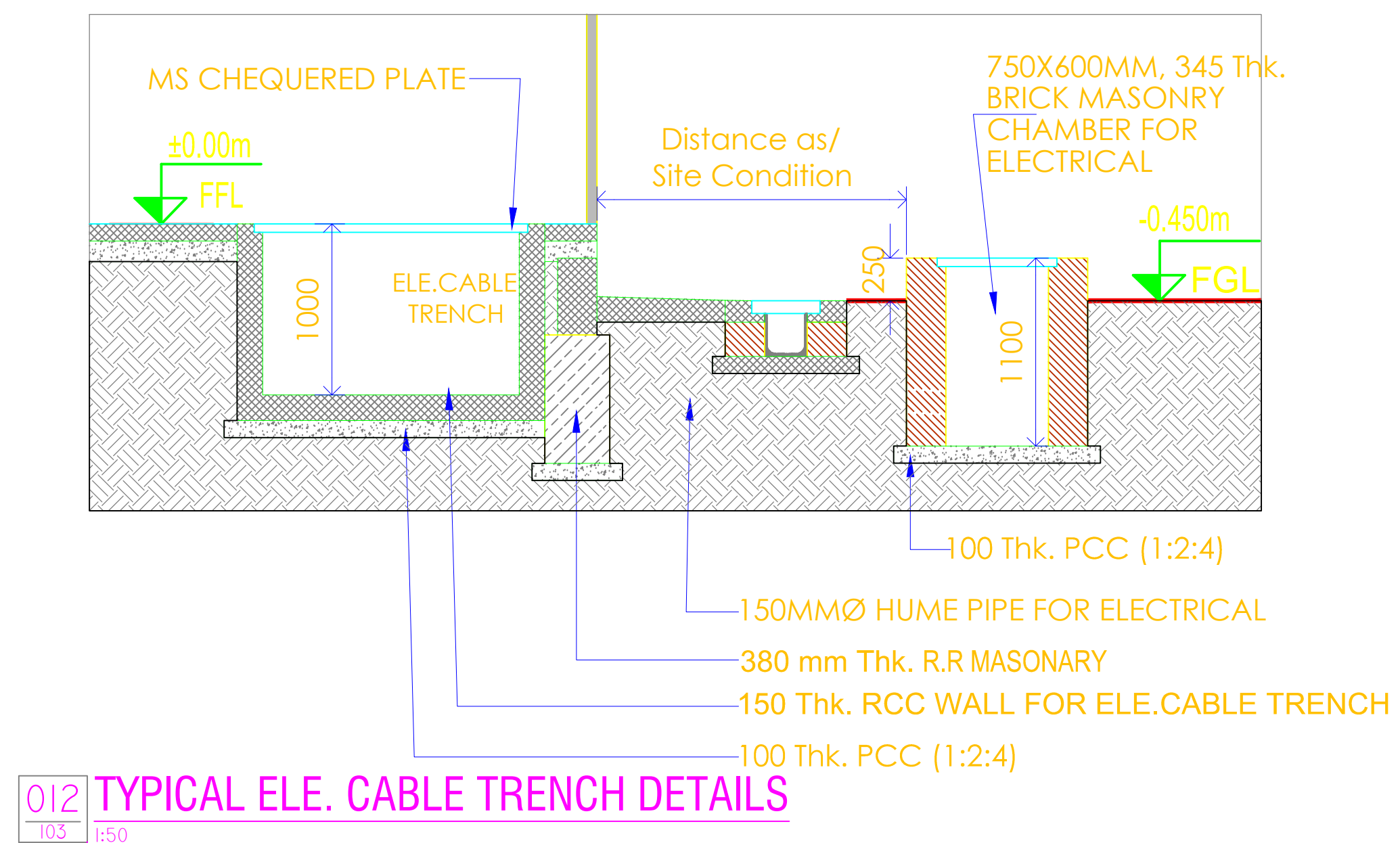
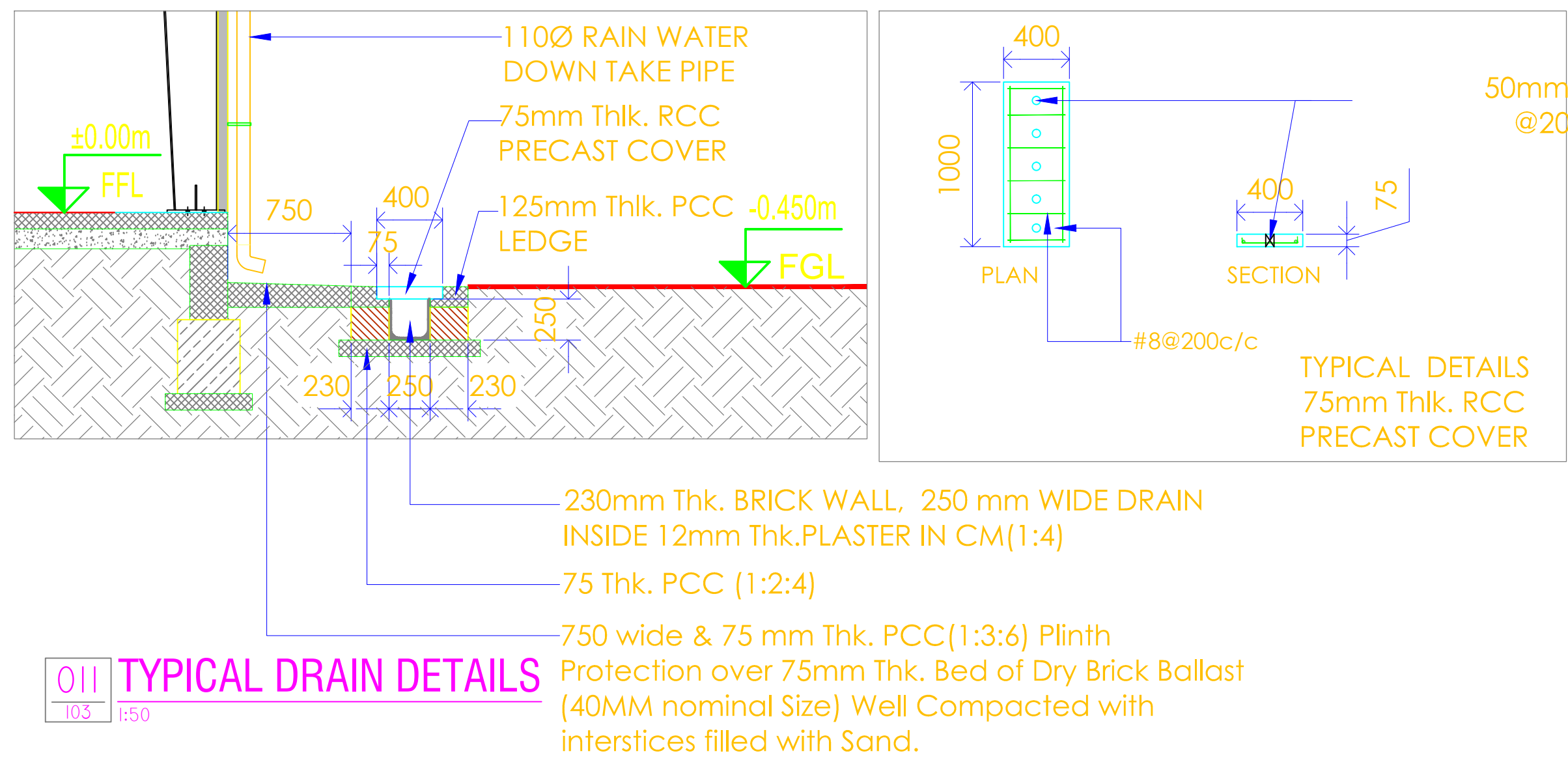
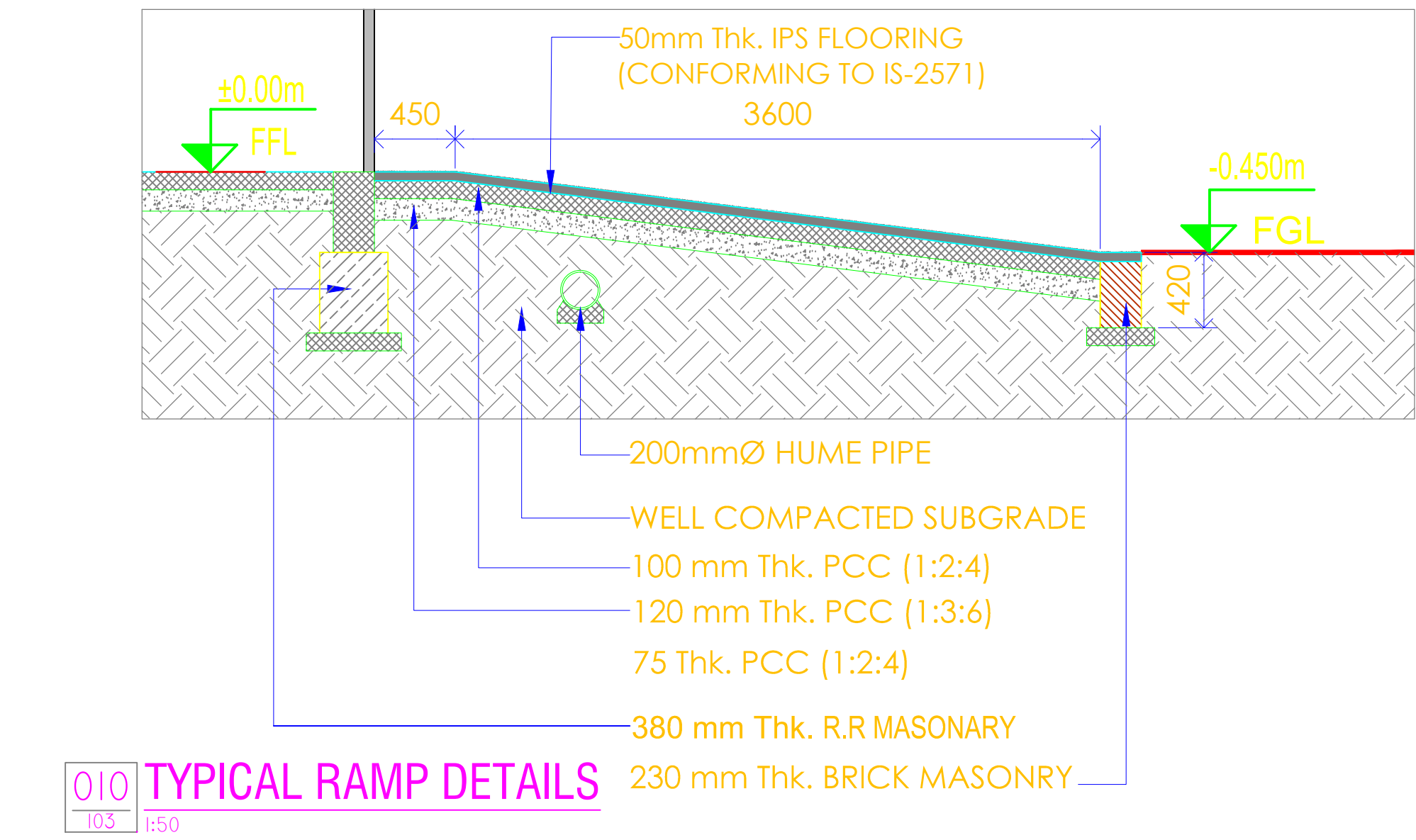
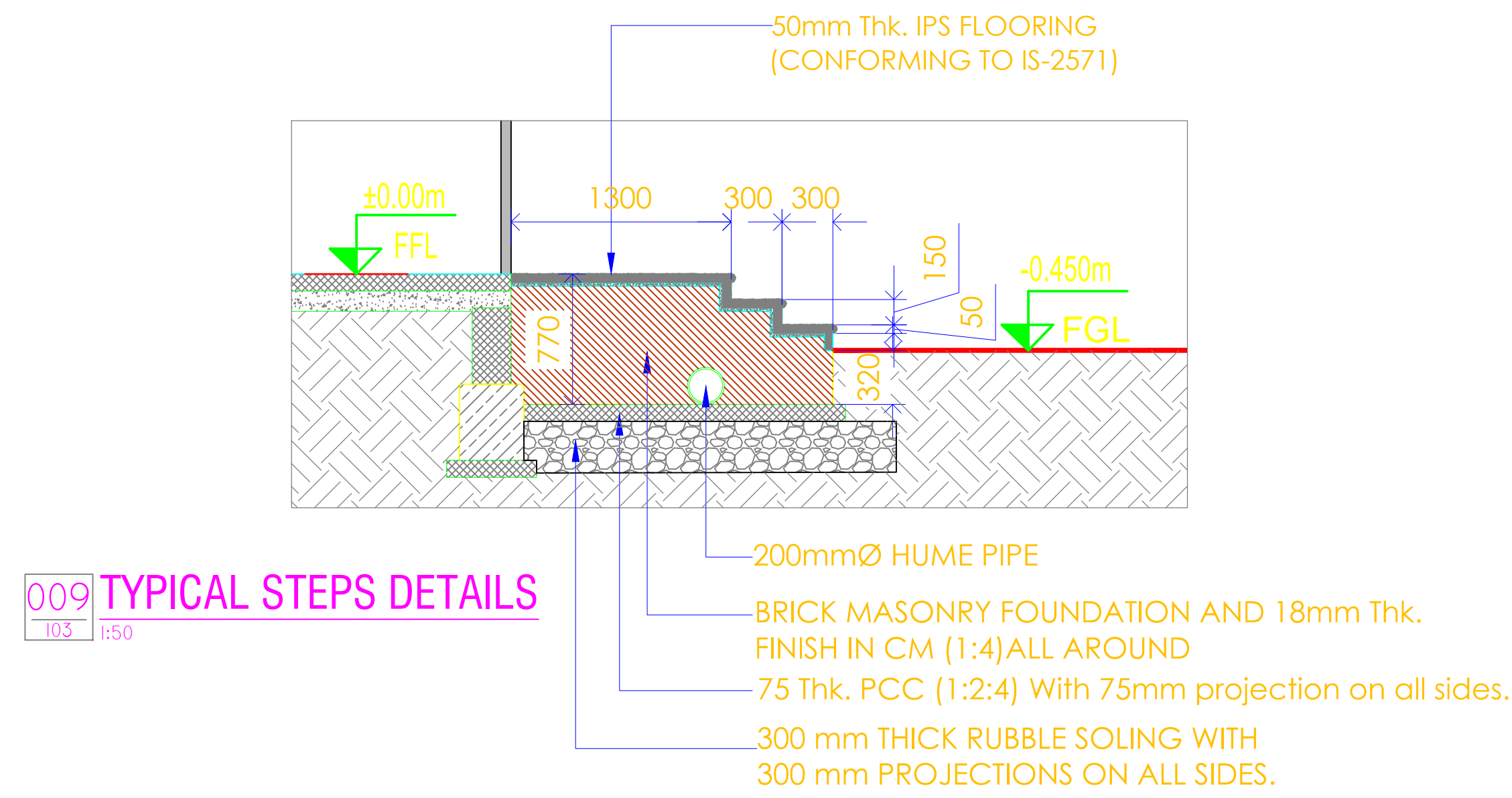
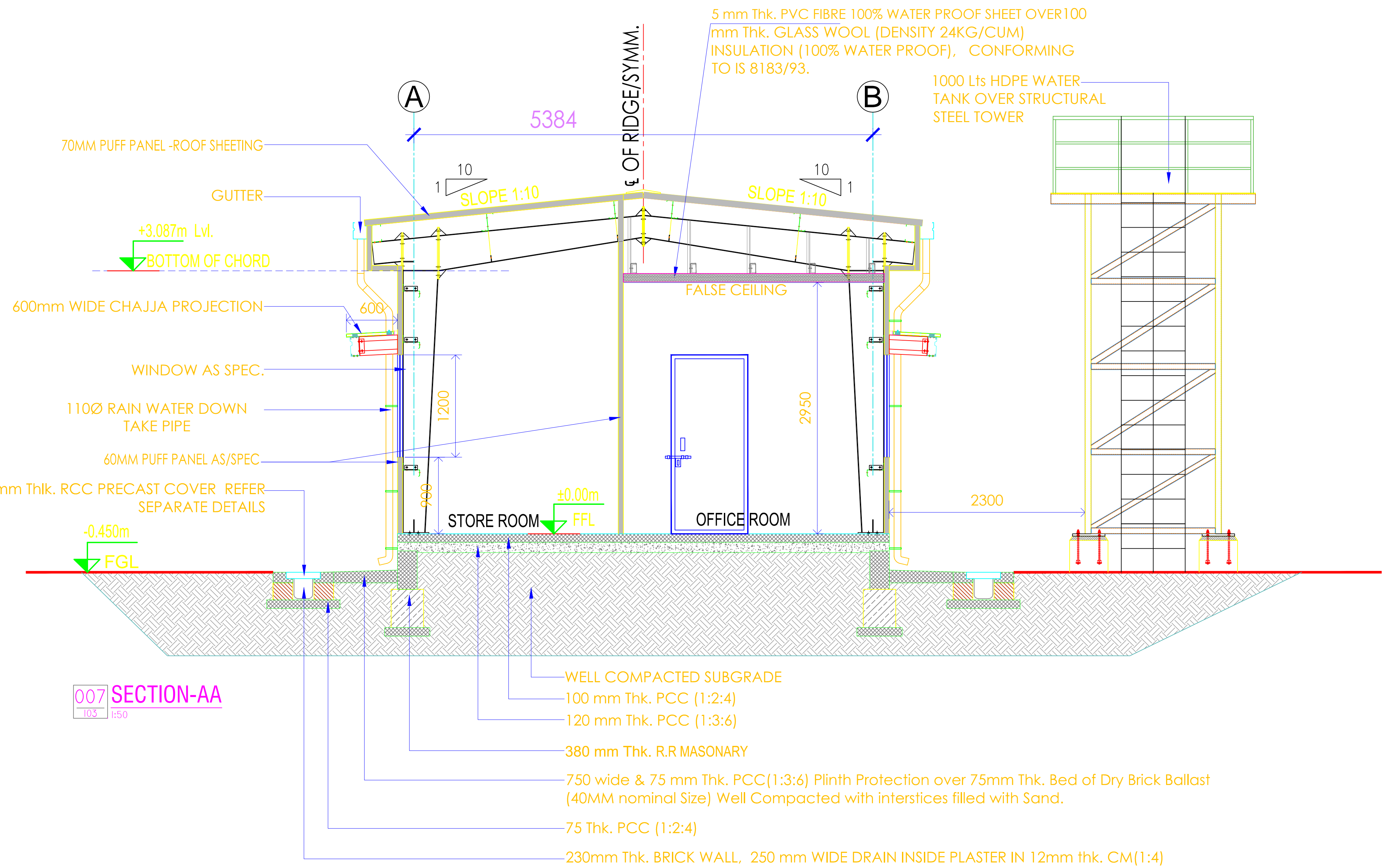
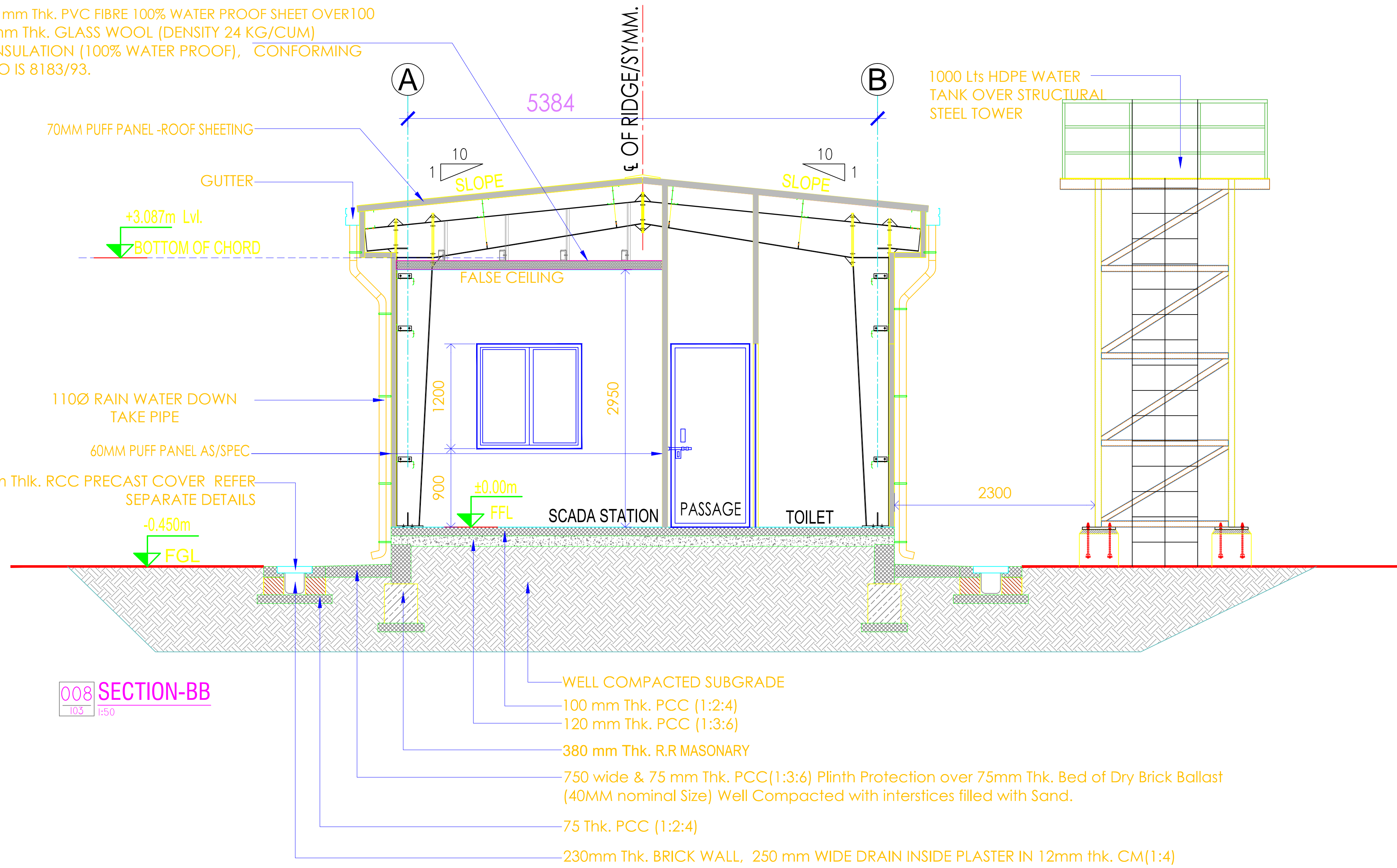
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EPC CONTRACTOR:		CLIENT:		REV.NO.	DESCRIPTION	DATE	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT TITLE: 10MW (AC) Floating Solar PV Power Project		SHEET	02 OF 03
<div><div></div><div>NOVUS GREEN ENERGY SYSTEMS LTD.</div><div>TEL : 040-6999-3245, FAX : +(91)-040-40045515</div><div>Email : info@novusgreen.in, Website : www.novusgreen.in</div><div>(An ISO 9001 : 2015 Company)</div><div>(An ISO 14001 : 2015 Company)</div></div> <div><div>CLIENT:</div><div>Singareni Collieries Company Limited (SCCL), Telangana</div><div>Solar Energy Corporation of India Limited</div><div></div><div></div></div>		<div>02 SUBMISSION FOR APPROVAL</div> <div>03 SUBMISSION FOR APPROVAL</div> <div>04 SUBMISSION FOR APPROVAL</div> <div>05 SUBMISSION FOR APPROVAL</div>		06.06.21		ASHOK	ADITHYA	PRAVEEN	DRAWING DESCRIPTION		MCR Architectural Plan, Elevations, Sections and Finishing	SCALE	NTS
				19.08.21		ASHOK	ADITHYA	PRAVEEN	DRAWING/DOCUMENT NUMBER		SCCL-STPP-SECI-NGESL-DWG-CIV-096	SHEET SIZE	A0
				09.09.21		ASHOK	RAJASHEKAR	PRAVEEN	RELEASED FOR		<input type="checkbox"/> TENDER <input type="checkbox"/> PRELIMINARY <input checked="" type="checkbox"/> APPROVAL FOR EXECUTION <input type="checkbox"/> AS-BUILT	REVISION	05

5 mm Thk. PVC FIBRE 100% WATER PROOF SHEET OVER 100 mm Thk. GLASS WOOL (DENSITY 24 KG/CUM) INSULATION (100% WATER PROOF), CONFORMING TO IS 8183/93.



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SPECIAL NOTES

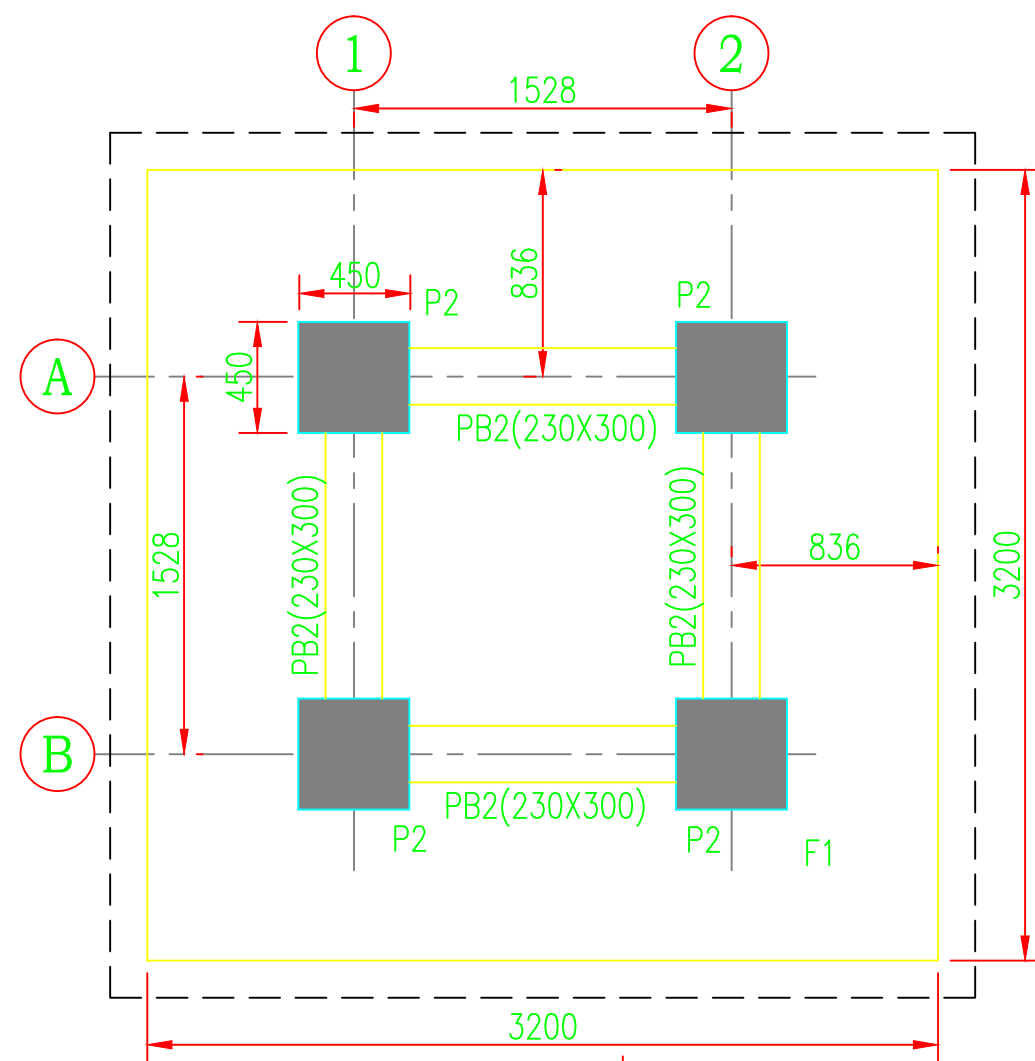
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REV.NO.		DESCRIPTION	DATE	DRAWN BY	CHECKED BY	APPROVED BY		
02		SUBMISSION FOR APPROVAL	06.06.21	ASHOK	ADITHYA	PRAVEEN	PROJECT TITLE:	10MW (AC) Floating Solar PV Power Project
03		SUBMISSION FOR APPROVAL	22.07.21	ASHOK	ADITHYA	PRAVEEN	DRAWING DESCRIPTION	MCR Architectural Plan, Elevations, Sections and Finishing
04		SUBMISSION FOR APPROVAL	19.08.21	ASHOK	ADITHYA	PRAVEEN	DRAWING/DOCUMENT NUMBER	SCCL-STPP-SECI-NGESL-DWG-CIV-096
05		SUBMISSION FOR APPROVAL	09.09.21	ASHOK	RAJASHEKAR	PRAVEEN	RELEASED FOR	<input type="checkbox"/> TENDER <input type="checkbox"/> PRELIMINARY <input checked="" type="checkbox"/> APPROVAL FOR EXECUTION <input type="checkbox"/> AS-BUILT

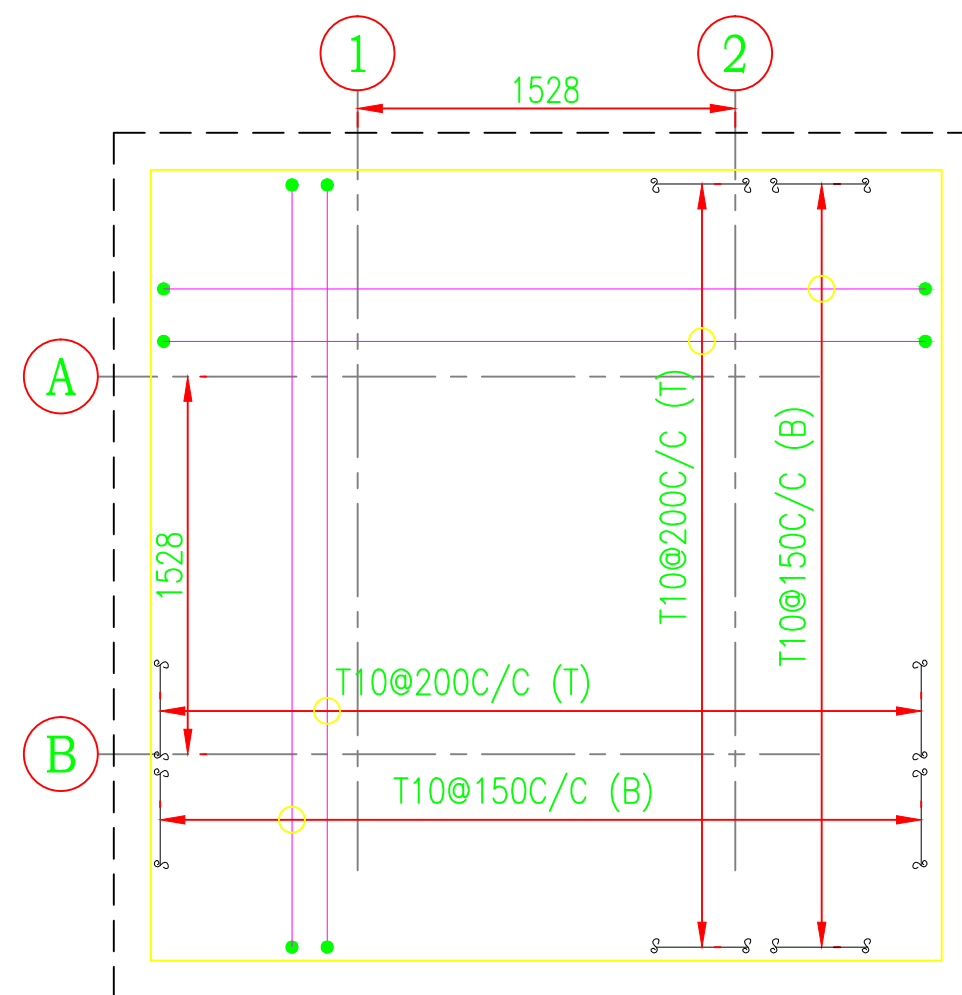
EPC CONTRACTOR:		CLIENT:	SHEET	03 OF 03
NOVUS GREEN ENERGY SYSTEMS LTD. TEL : 040-6999-3245, FAX : +(91)-040-40045515 Email : info@novusgreen.in, Website :www.novusgreen.in (An ISO 9001 : 2015 Company) (An ISO 14001 : 2015 Company)		Singareni Collieries Company Limited (SCCL), Telangana Solar Energy Corporation of India Limited	SCALE	NTS
			SHEET SIZE	A0
			REVISION	05

REFERENCE DRAWINGS:
1. MCR WATER TANK STRUCTURAL
DRAWINGS
(SSCL-STPP10-SECI-NGESL-DWG-CIV-106)

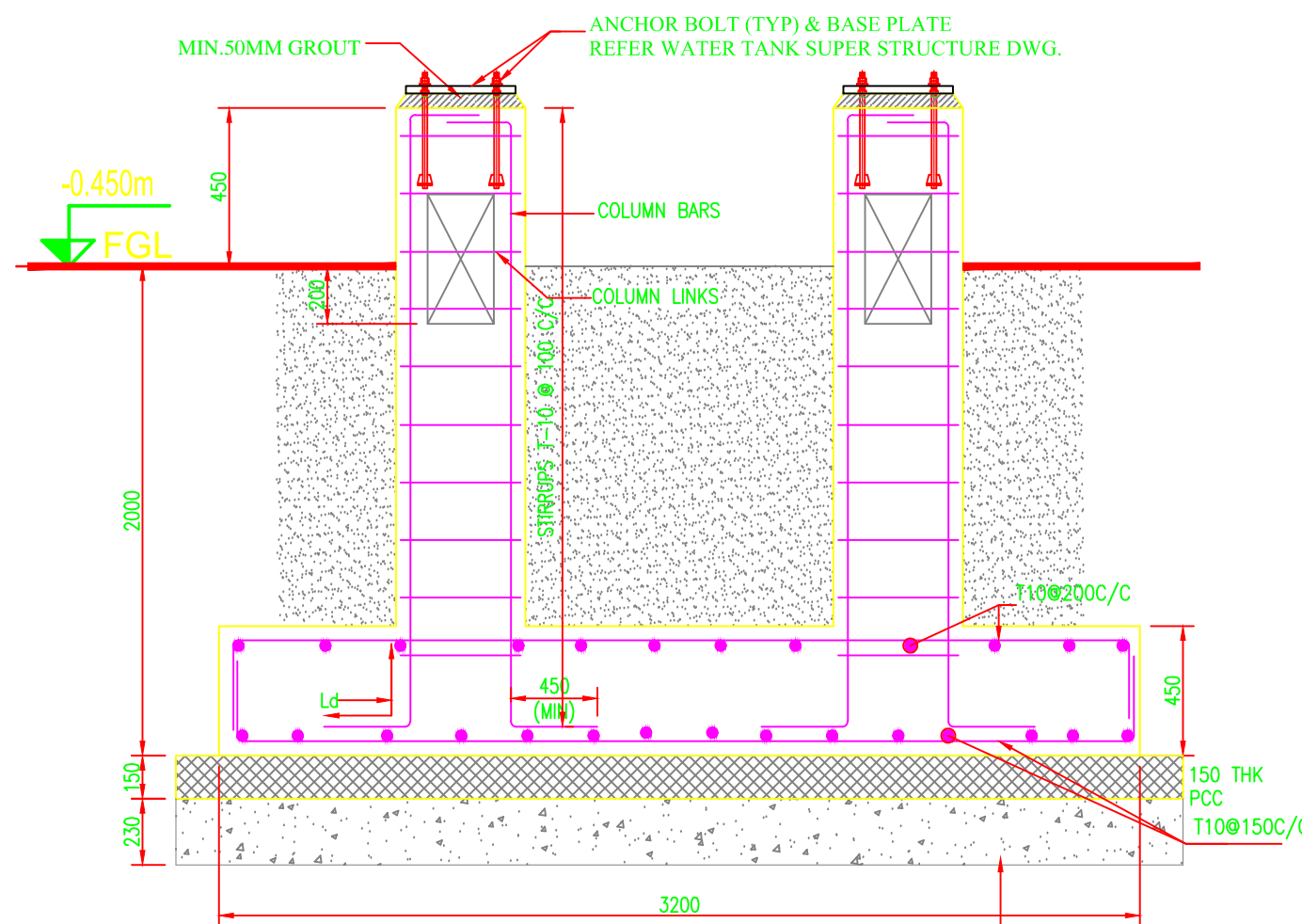
- GENERAL NOTES :
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTIFIED ON DRAWING
 2. ALL LEVELS ARE IN METERS UNLESS MENTIONED
 3. GRADE OF CONCRETE COVER TO REINFORCEMENT
> COLUMN : M25 > COLUMN : 40
> RAFT FOOTING : M25> FOOTING : 50
> PLINTH BEAMS : M25> PLINTH BEAMS : 25
> FLOOR BEAMS : M25> FLOOR BEAMS : 25
> FLOOR SLAB : M25> FLOOR SLAB : 20
 - > GRADE OF STEEL: Fe 500 IN FORM OF TMT BARS, CONFIRMING TO IS 1786
 4. SBC =50kN/m² AT 2M AS PER SOIL REPORT.
 5. DRAWINGS SHOULD NOT BE SCALED, ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 6. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
 7. ALL DIMENSIONS SHOULD BE VERIFIED WITH ARCHITECTURAL DRAWINGS.
 8. ANY DISCREPANCY/ERROR SHOULD BE NOTIFIED TO THE STRUCTURAL ENGINEER BEFORE COMMENCEMENT OF WORK.
 9. FOUNDATIONS ARE DESIGNED AS PER IS 456
 10. Ld: 50d (diameter of or bar)
 11. THE BACKFILL EARTH SHALL CONSIST OF BORROWED COHESIVE, NON-SWELLING MATERIAL, COMPACTED IN LAYERS OF 150MM. EACH LAYER SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR DENSITY. LOCAL EXPANSIVE EARTH SHALL NOT BE USED.
 12. ADEQUATE FACILITY SHALL BE PROVIDED FOR THE DEWATERING OF FOUNDATION PITS EXCAVATED FOR THE LAYING OF FOUNDATION.



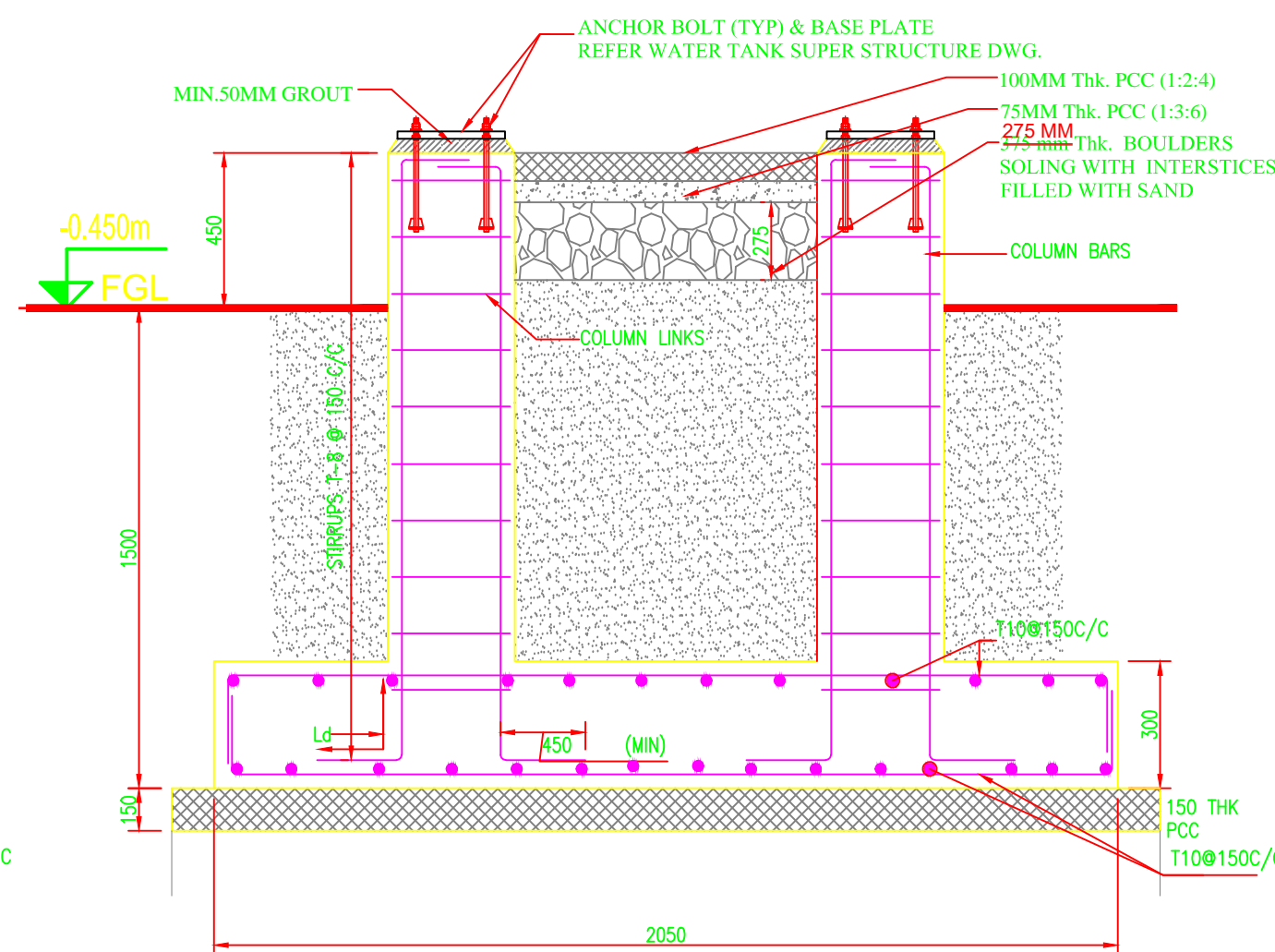
WATER TANK FOUNDATION LAYOUT



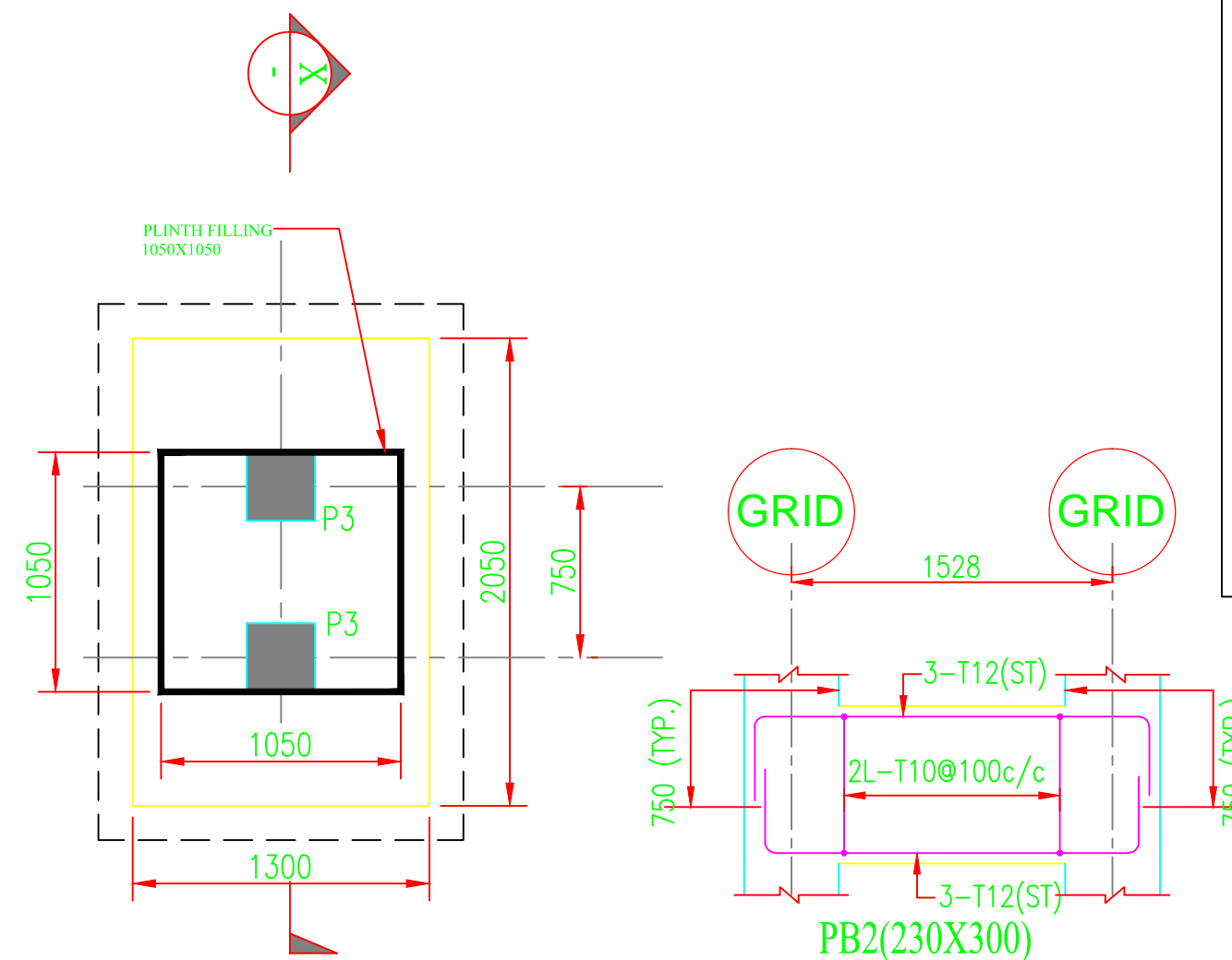
WATER TANK FOUNDATION REINFORCEMENT



SECTION - A
SCALE 1:25



SECTION - X
SCALE 1:25



STAIR FOUNDATION PLAN

COLUMN SCHEDULE & REINFORCEMENT DETAILS

FROM FOUNDATION TO FFL		
NO. OF COLUMNS	04	02
COLUMN TYPE MARKED	P2	P3

Note:
Column Stirrups- T10@100 c/c from each joint face upto 450mm & T8@200 c/c for remaining portion.

KEY PLAN:



EPC CONTRACTOR:

NOVUS GREEN ENERGY SYSTEMS LTD.
TEL. : 040-6999-3245, FAX : +(91)-040-40045515
Email : info@novusgreen.in, Website : www.novusgreen.in
An ISO 9001 : 2015 Company
An ISO 14001 : 2015 Company

CLIENT:
Singareni Collieries Company Limited (SCCL),
Telangana
Solar Energy Corporation of India Limited



REV.NO.	DESCRIPTION	DATE	DRAWN BY	CHECKED BY	APPROVED BY
00	SUBMISSION FOR APPROVAL	11.06.21	ASHOK	ADITHYA	PRAVEEN
01	SUBMISSION FOR APPROVAL	25.08.21	ASHOK	ADITHYA	PRAVEEN
02	SUBMISSION FOR APPROVAL	09.09.21	ASHOK	RAJASHEKAR	PRAVEEN
03	SUBMISSION FOR APPROVAL	23.09.21	ASHOK	RAJASHEKAR	PRAVEEN
03	SUBMISSION FOR APPROVAL	18.11.21	ASHOK	RAJASHEKAR	PRAVEEN

PROJECT TITLE: 10MW (AC) Floating Solar PV Power Project

DRAWING DESCRIPTION: MCR WATER TANK FOUNDATION DRAWING

DRAWING/DOCUMENT NUMBER: SCCL-STPP10-SECI-NGESL-DWG-CIV-105

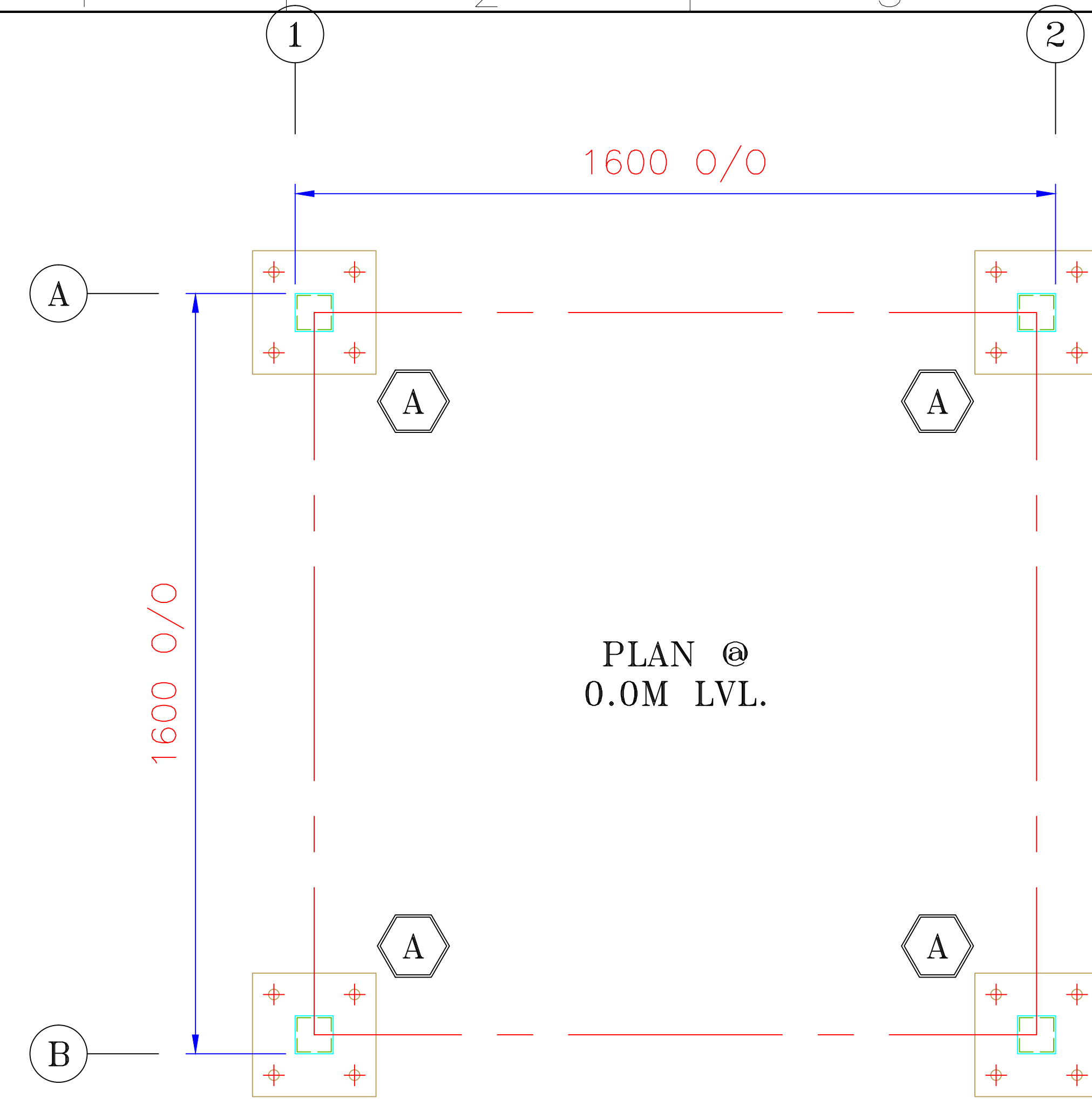
RELEASED FOR: ☐ TENDER ☐ PRELIMINARY ☒ APPROVAL FOR EXECUTION ☐ AS-BUILT

SHEET: 01

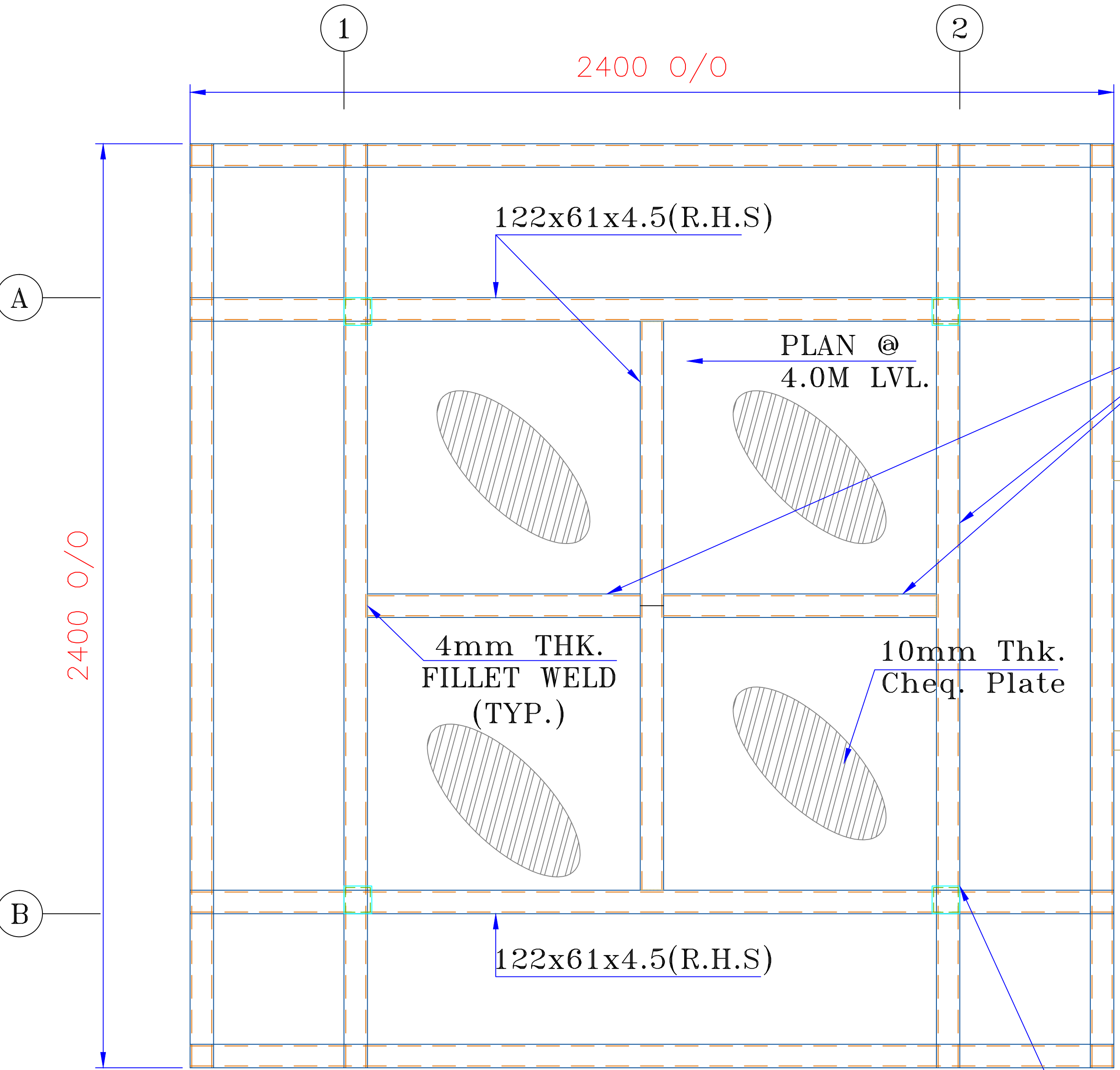
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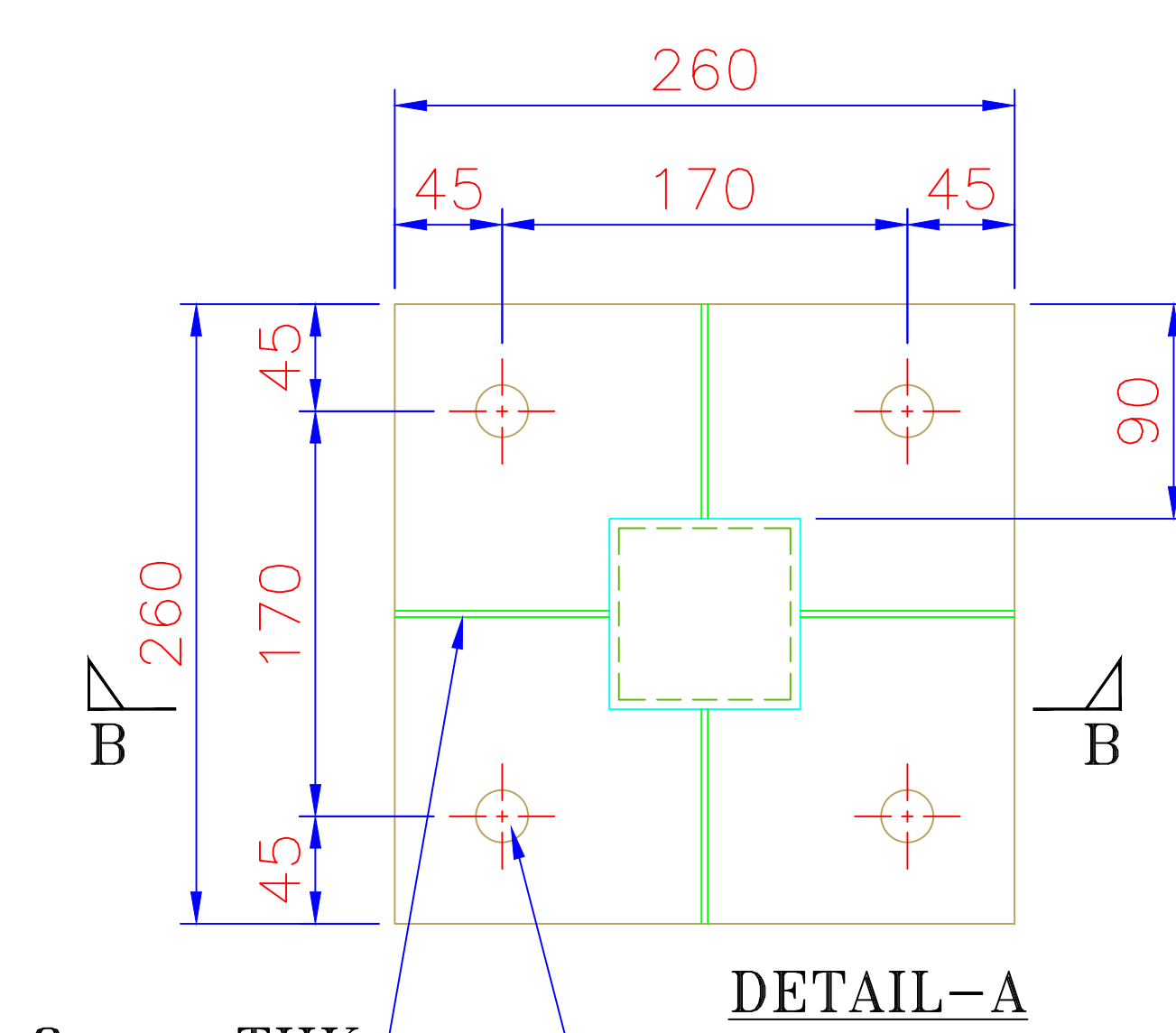
REVISION: 04



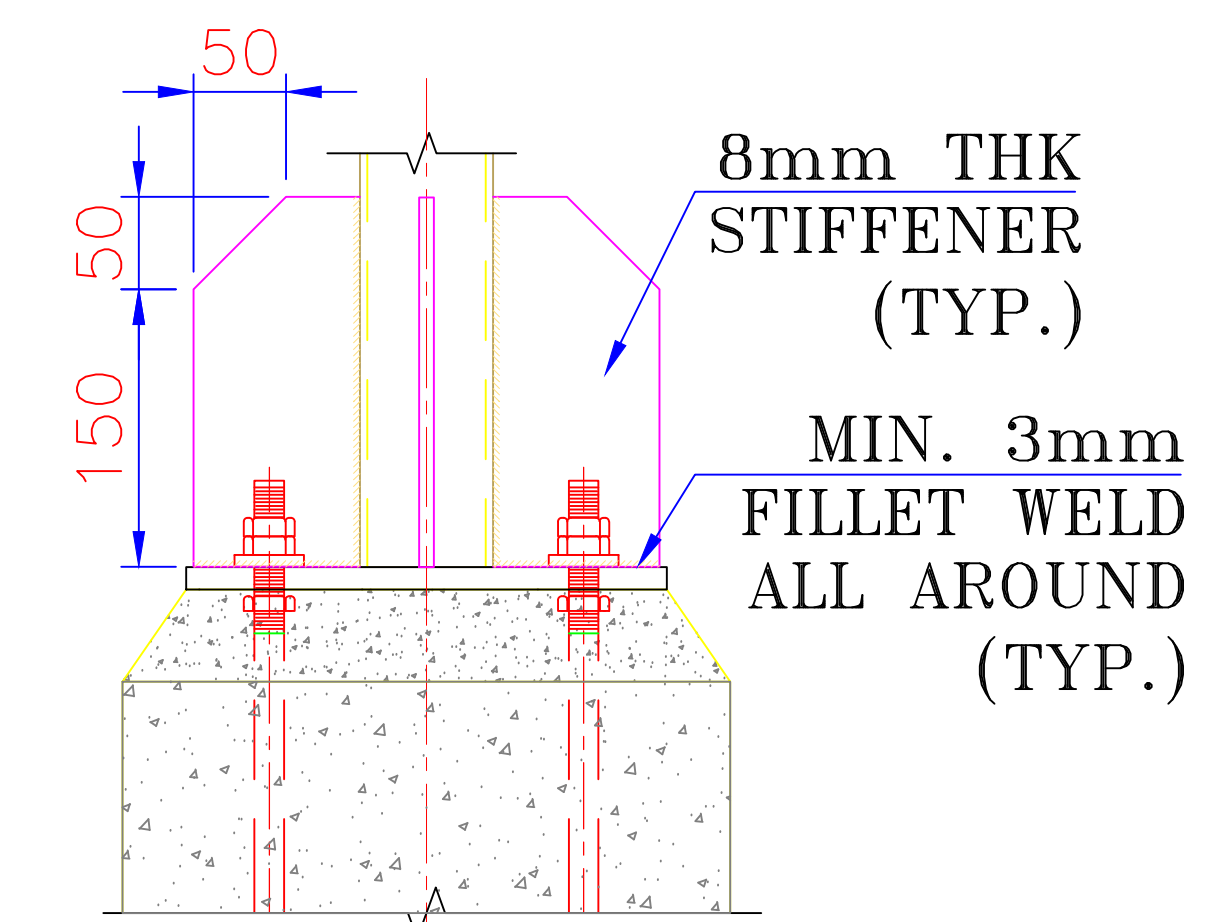
ANCHOR BOLT PLAN



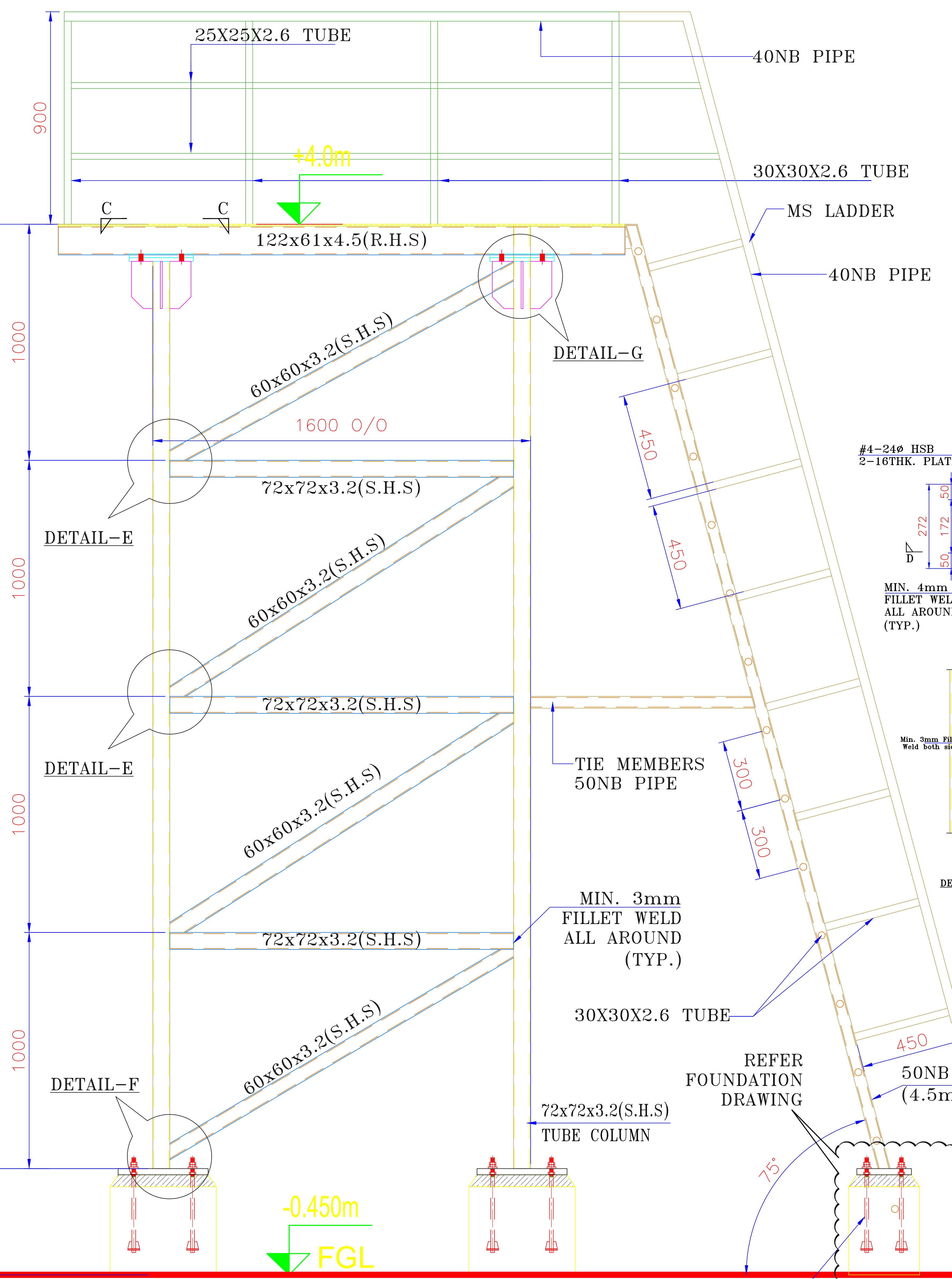
PLAN @ 4.0M LVL.



DETAIL-A

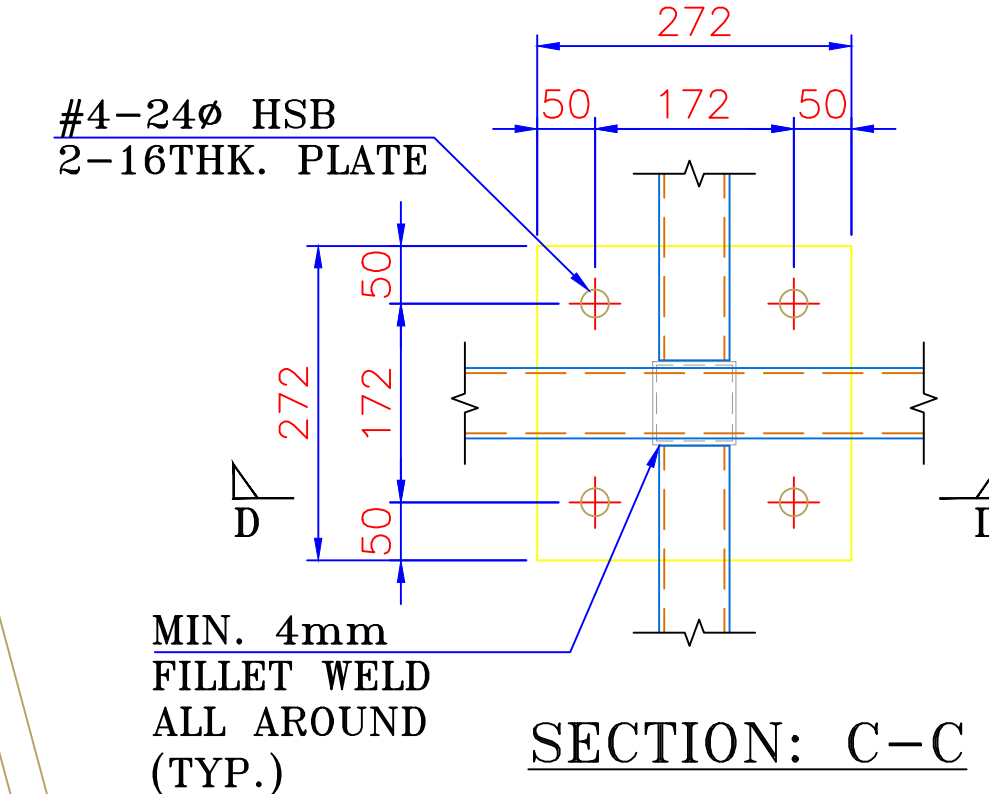


SECTION: B-B

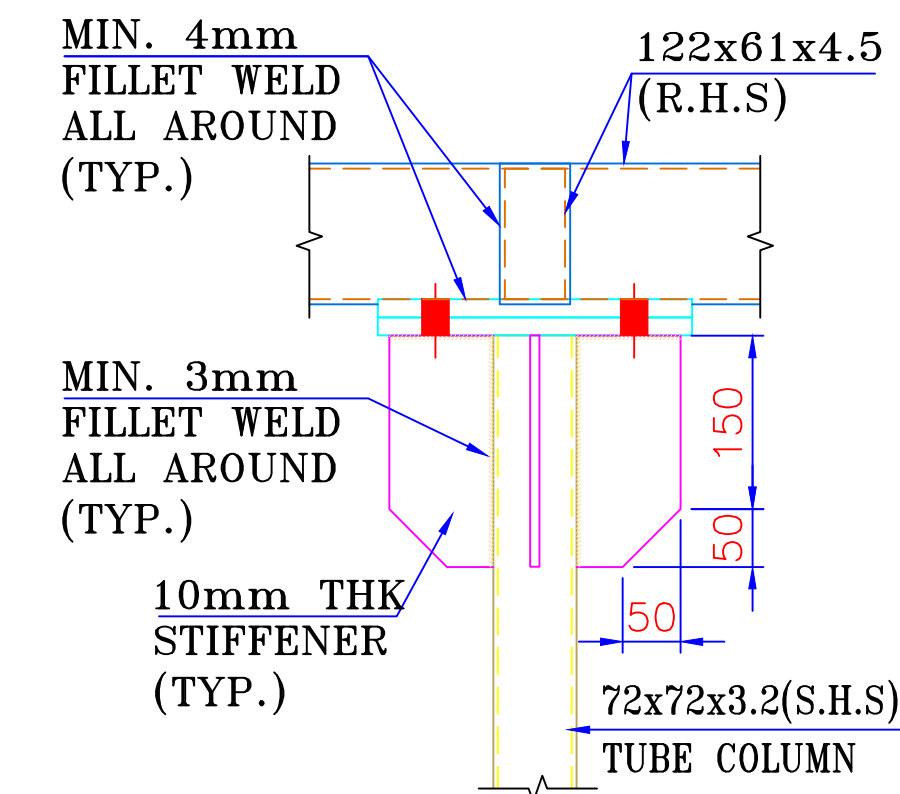


ELEVATION FOR 1000 LITERS HDPE WATER TANK

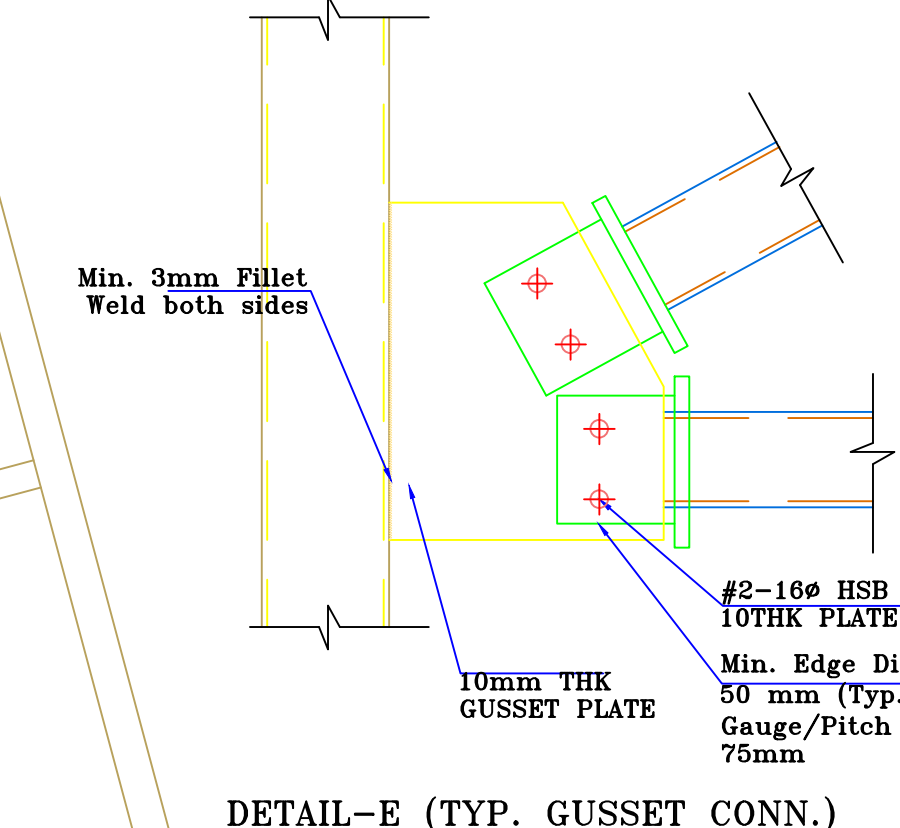
- IMPORTANT NOTES:
1. ALL TUBULAR SECTIONS (SHS & RHS) SHALL HAVE MINIMUM FY:310 MPa (TATA STRUCTURA STEEL)
 2. ALL HAND RAIL MEMBER SHALL CONFORM TO IS 1161 MIN. FY:250 MPa
 3. ALL STRUCTURAL STEEL SHALL BE PAINTED WITH 2 COATS OF EPOXY PAINT OVER 2 COATS OF ZINC CHROMATE PRIMER.
 4. GRADE OF ANCHOR BOLT: GRADE 4.6
 5. GRADE OF CONNECTION BOLTS: GRADE 8.8
 6. FOR GENERAL NOTES REFER MAIN BLDG STRUCTURAL DRAWINGS



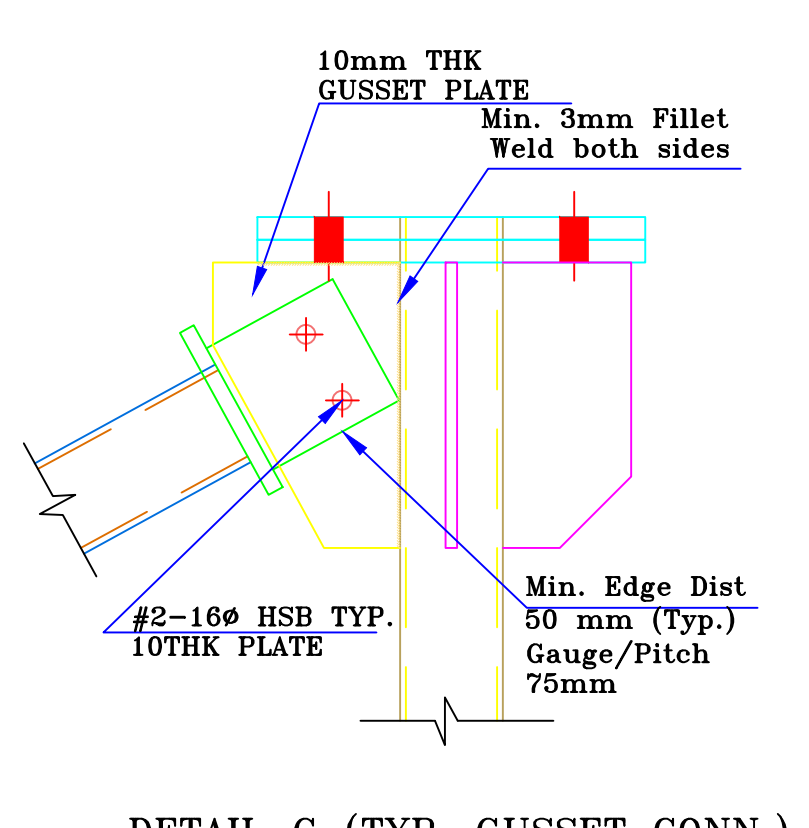
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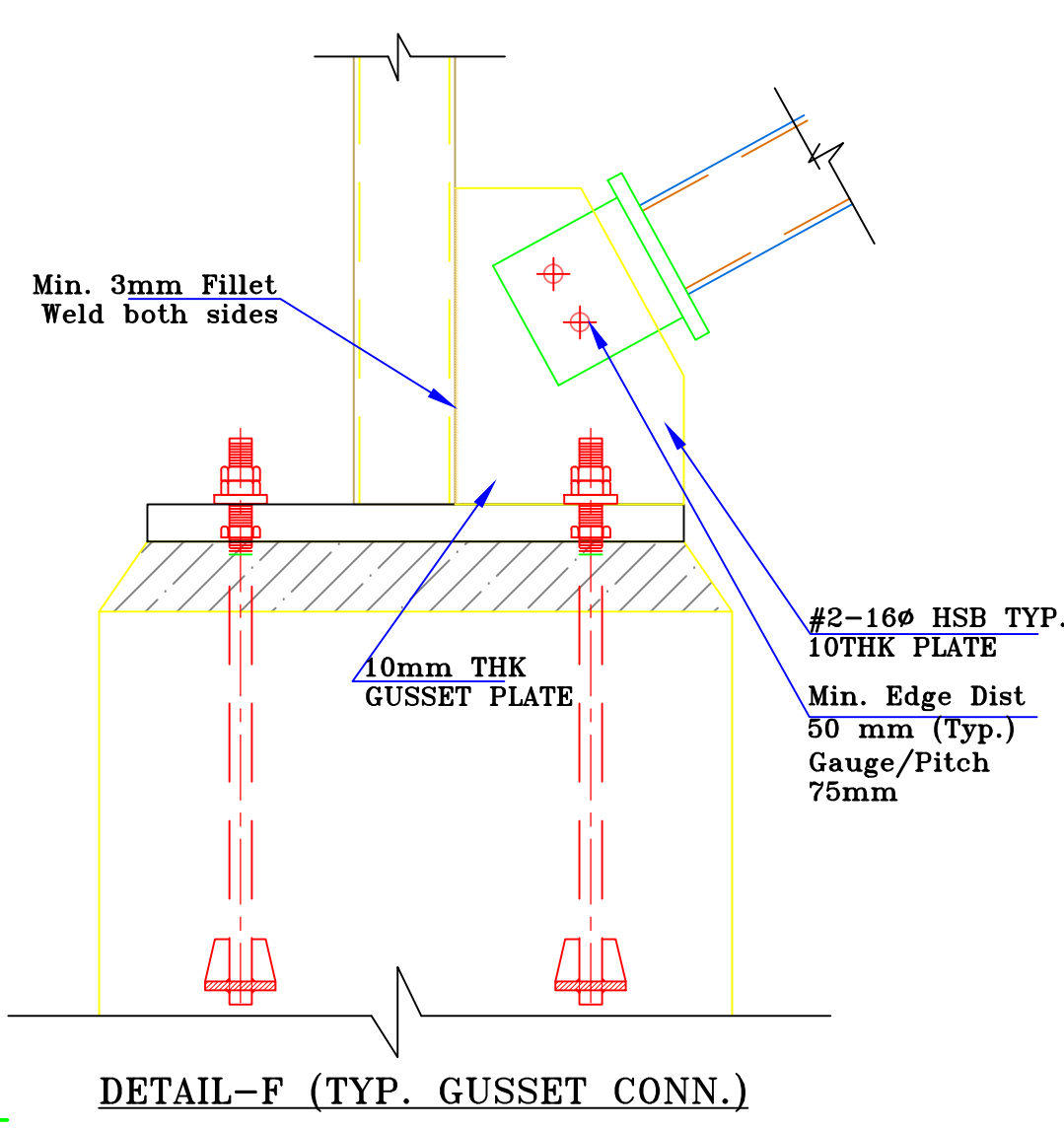
SECTION: D-D



DETAIL-E (TYP. GUSSET CONN.)



DETAIL-G (TYP. GUSSET CONN.)



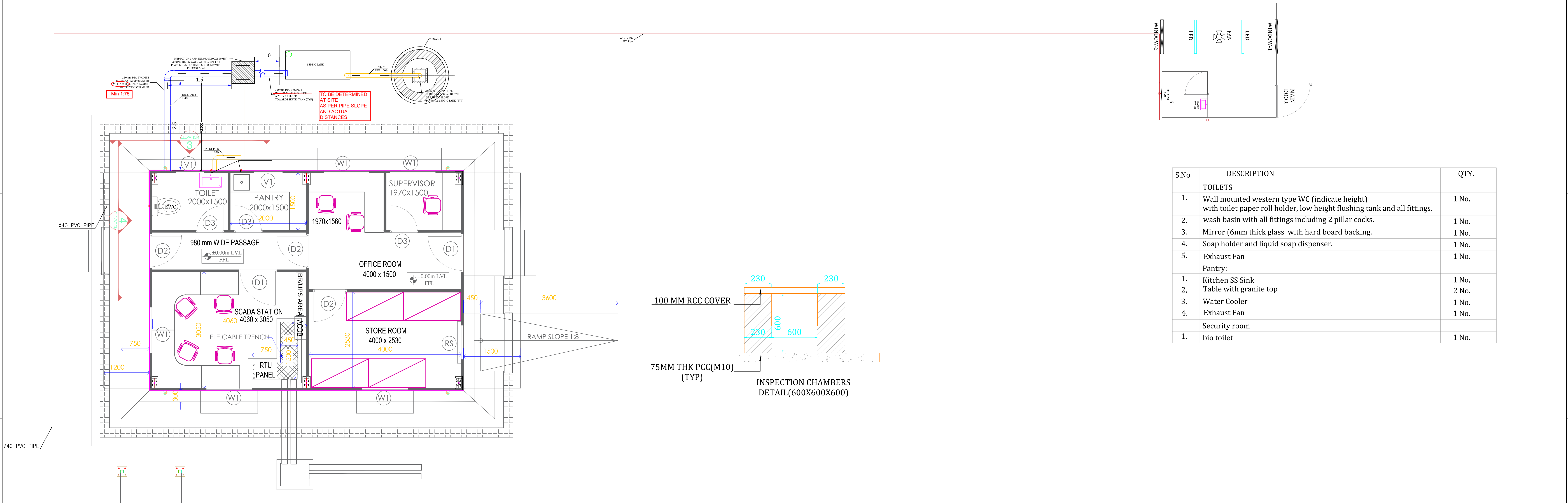
DETAIL-F (TYP. GUSSET CONN.)

- Reference Drawings:
1. MCR Architectural Plan, Elevation, Sections and Finishing (SCCL-STPP5-SECI-NGESL-DWG-CIV-096)
 2. MCR Water Tank Foundation Drawing (SCCL-STPP5-SECI-NGESL-DWG-CIV-105)
 3. For Anchor Bolt details refer MCR AB Plan

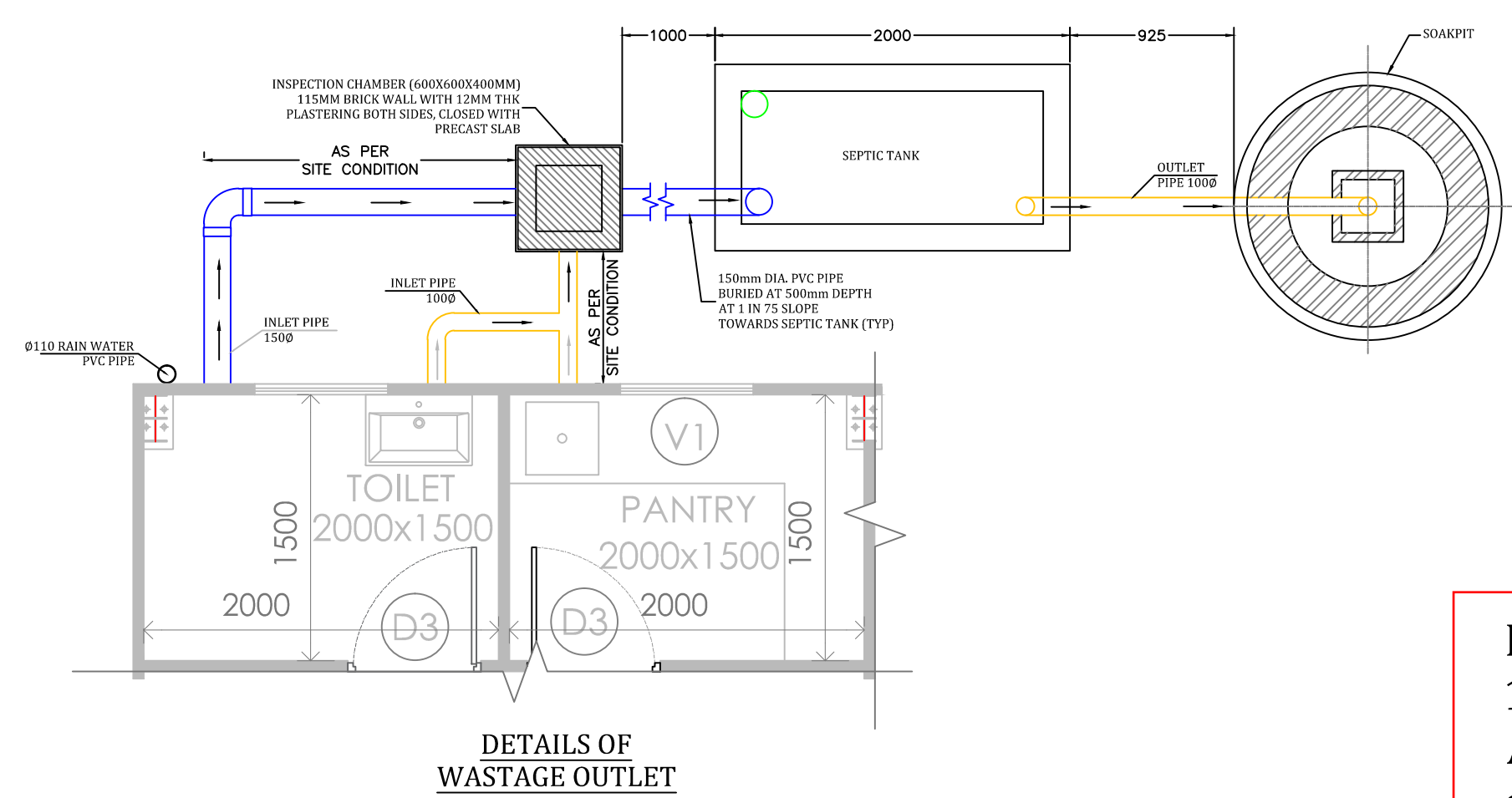
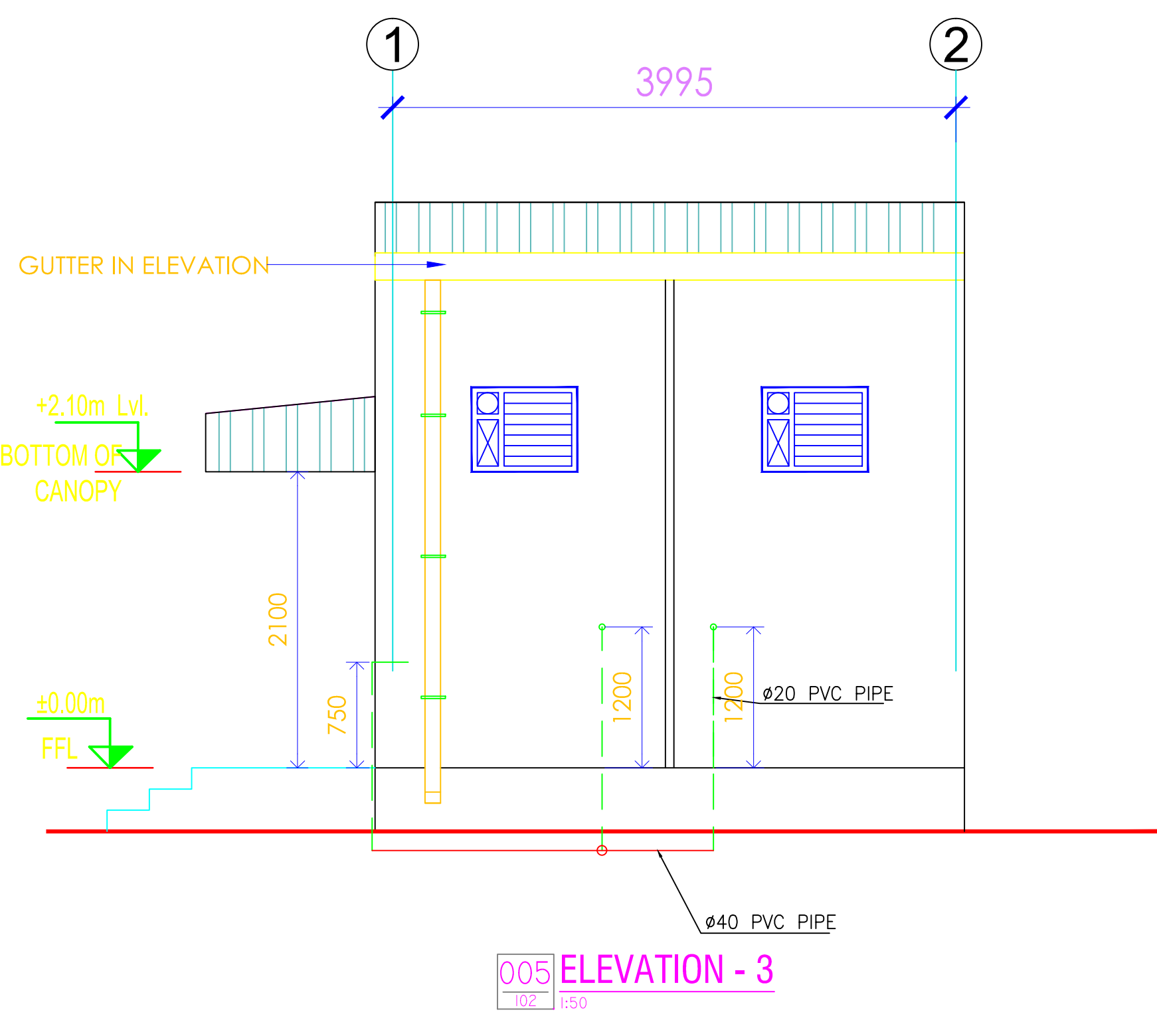
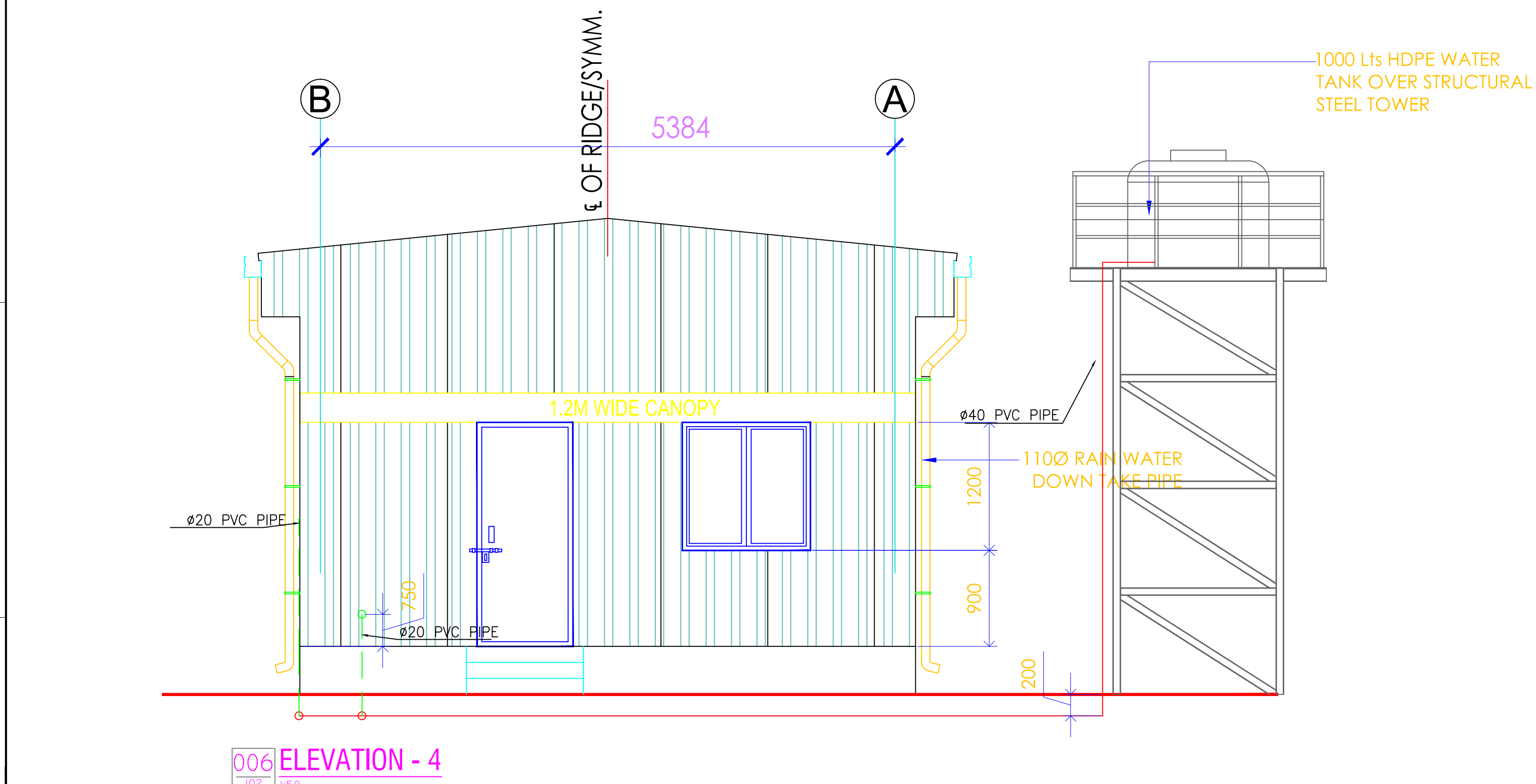
EPC CONTRACTOR:		CLIENT:		REV.NO.	DESCRIPTION	DATE	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT TITLE: 5MW (AC) Floating Solar PV Power Project		SHEET	01
NOVUS GREEN ENERGY SYSTEMS LTD.		Singareni Collieries Company Limited (SCCL), Telangana		00	SUBMISSION FOR APPROVAL	14.02.22	ASHOK	SURENDRA	PRAVEEN	DRAWING DESCRIPTION		SCALE	NTS
Novus Green Energy Systems Ltd.		Solar Energy Corporation of India Limited								DRAWING/DOCUMENT NUMBER		SHEET SIZE	A0
Novus Green Energy Systems Ltd.		Solar Energy Corporation of India Limited								RELEASED FOR		REVISION	00
Novus Green Energy Systems Ltd.		Solar Energy Corporation of India Limited								TENDER <input type="checkbox"/> PRELIMINARY <input type="checkbox"/> APPROVAL FOR EXECUTION <input checked="" type="checkbox"/> AS-BUILT <input type="checkbox"/>			

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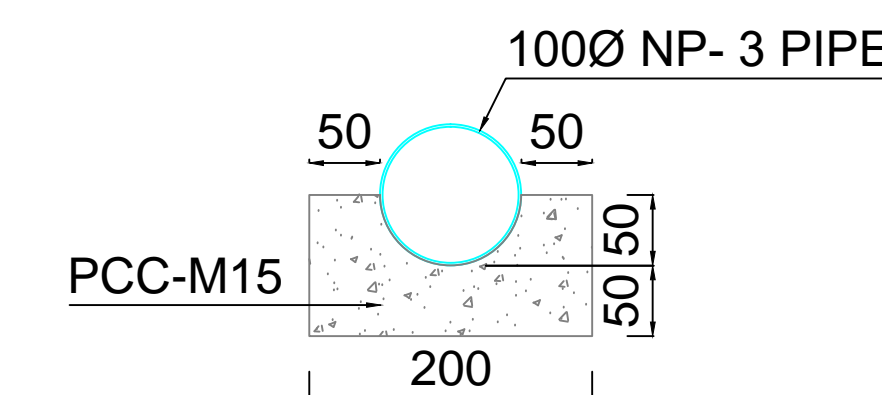
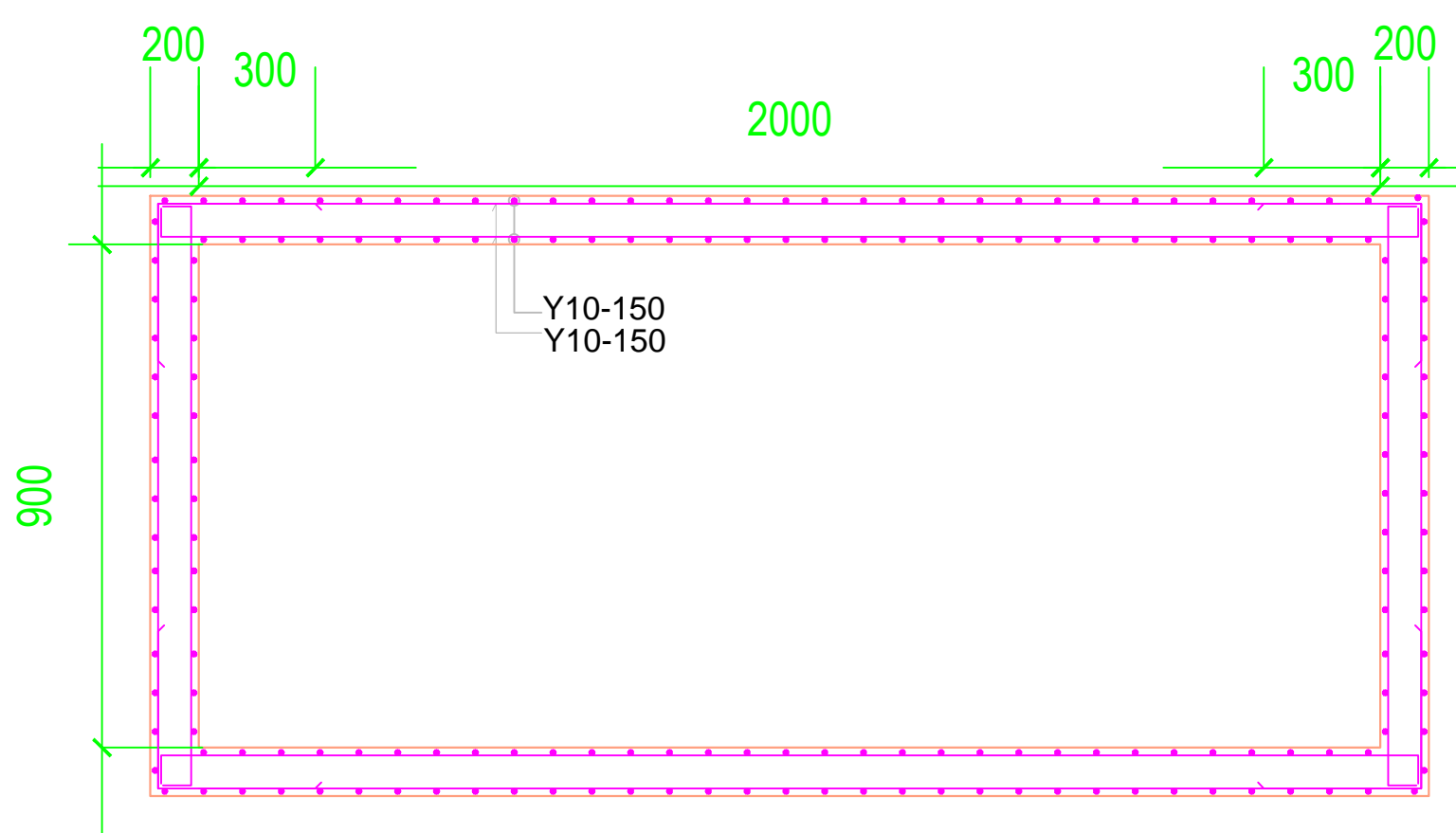
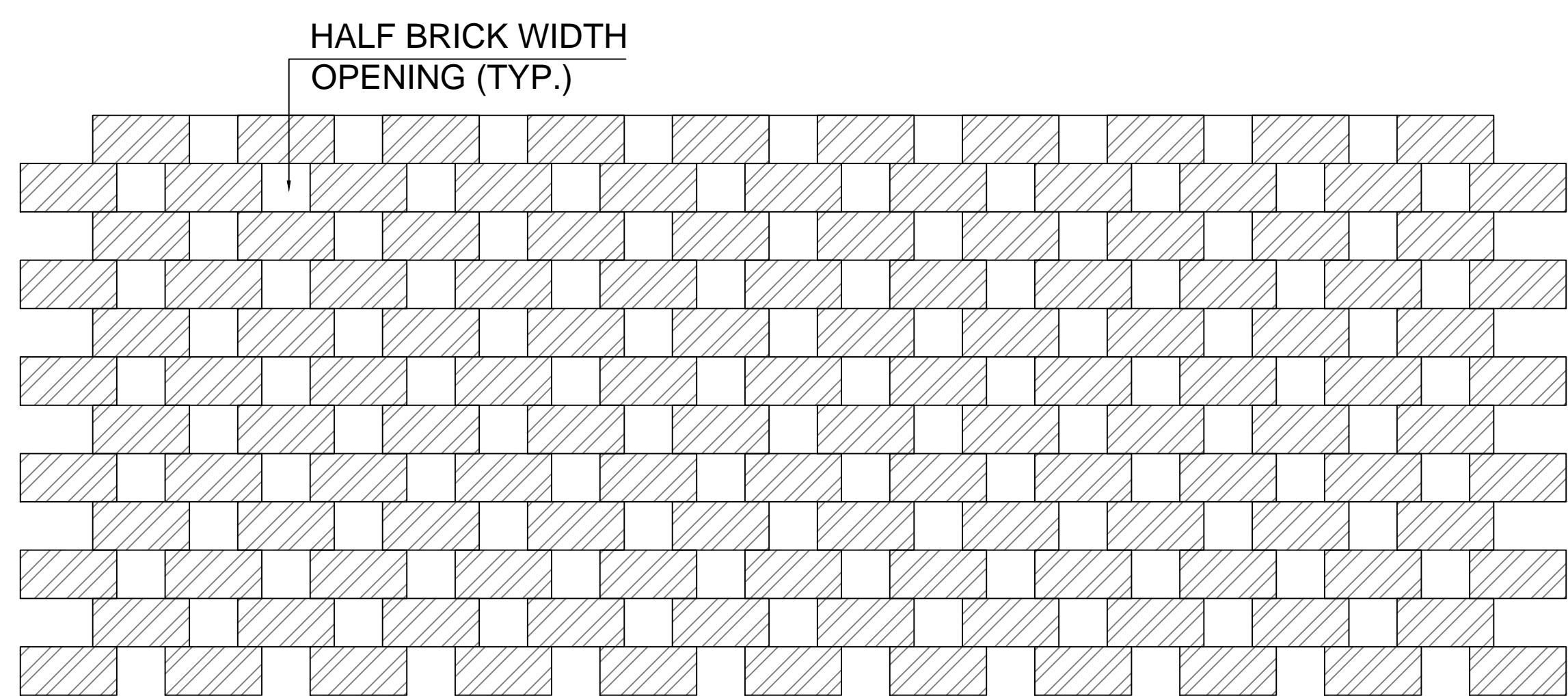
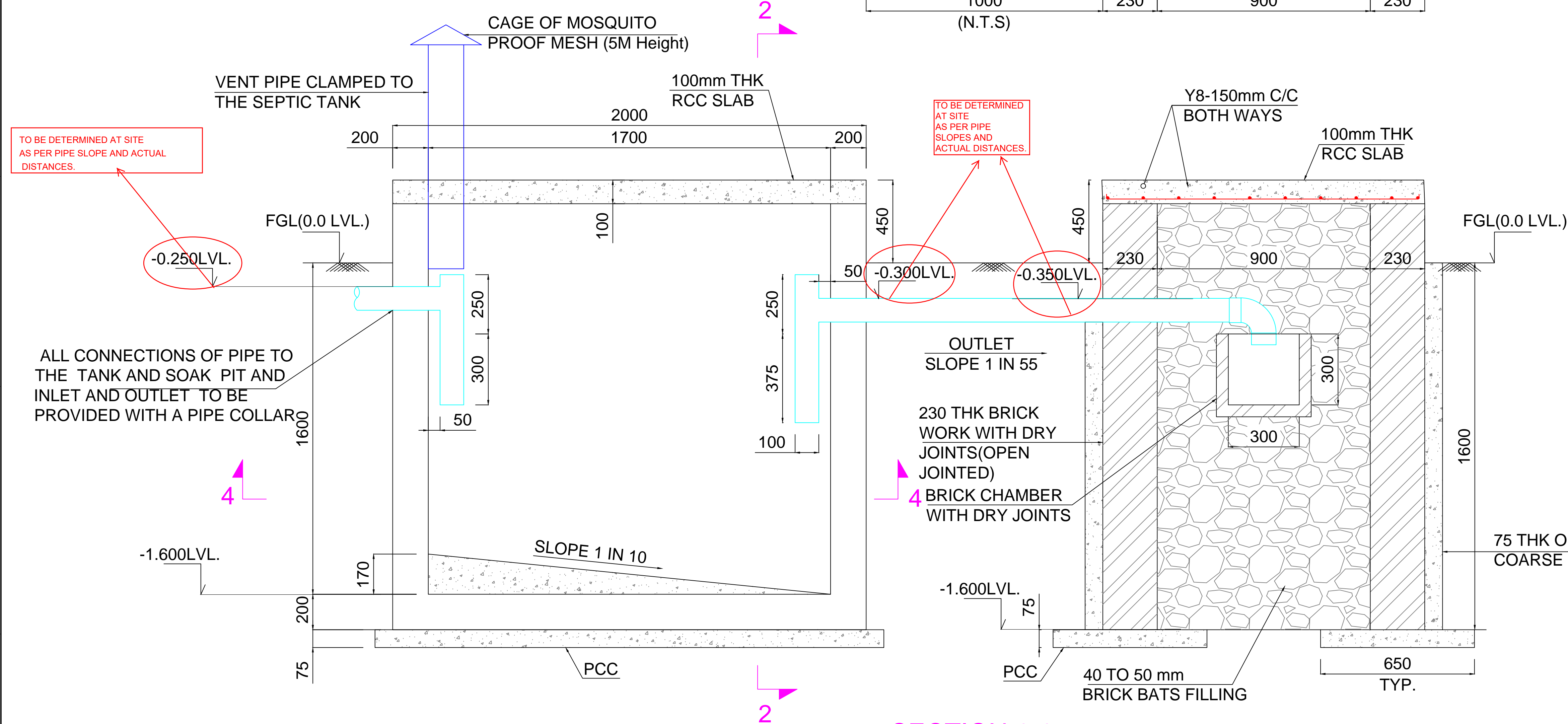
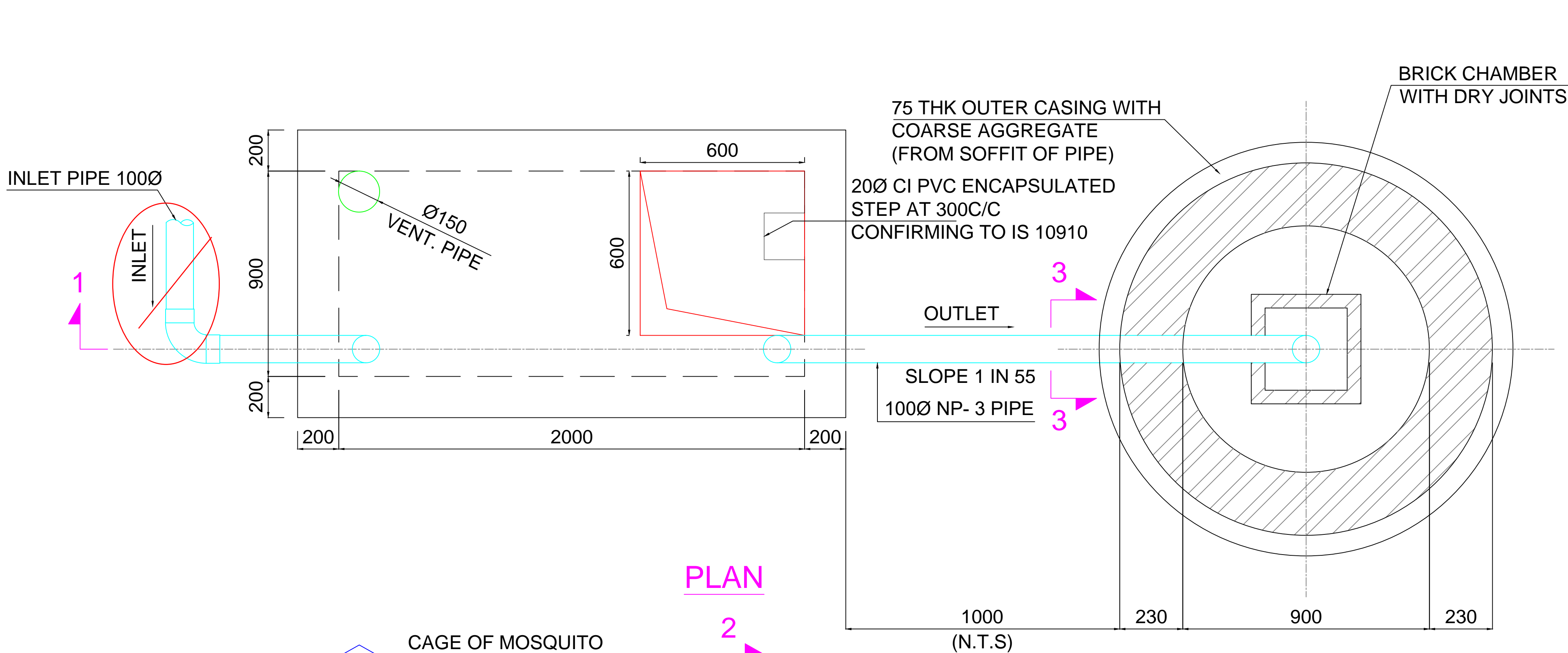


S.No	DESCRIPTION	QTY.
TOILETS		
1.	Wall mounted western type WC (indicate height) with toilet paper roll holder, low height flushing tank and all fittings.	1 No.
2.	wash basin with all fittings including 2 pillar cocks.	1 No.
3.	Mirror (6mm thick glass with hard board backing.	1 No.
4.	Soap holder and liquid soap dispenser.	1 No.
5.	Exhaust Fan	1 No.
Pantry:		
1.	Kitchen SS Sink	1 No.
2.	Table with granite top	2 No.
3.	Water Cooler	1 No.
4.	Exhaust Fan	1 No.
Security room		
1.	bio toilet	1 No.

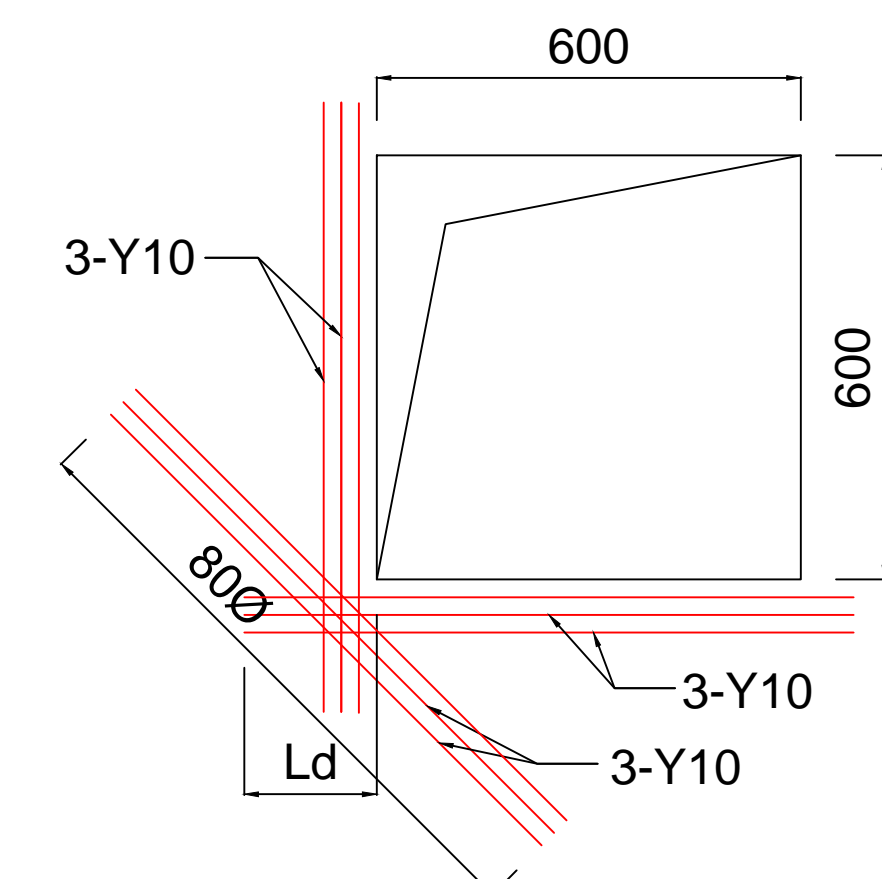


- NOTES.
1. All sanitary ware, fittings and fixtures shall be of approved make and type. All fittings, fastener, grating shall be of CP brass conforming to relevant BIS standards.
 2. Fresh Water Plumbing: All pipes for internal plumbing shall be of C-PVC while pipes for external plumbing works shall be of uPVC conforming to relevant BIS standard.
 3. Waste Water Plumbing: All pipes shall be of HDPE conforming to relevant BIS standard
 4. INVERT LEVELS OF PIPES SHALL BE DETERMINED AT SITE AS PER PIPE SLOPES AND ACTUAL DISTANCES.

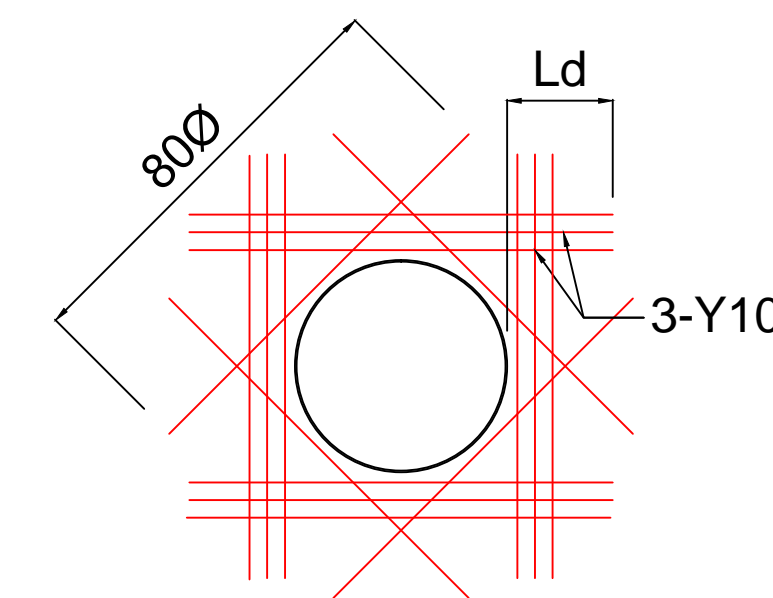
EPC CONTRACTOR: NOVUS GREEN ENERGY SYSTEMS LTD. TEL : 040-6999-3245, FAX : +(91)-040-40045515 Email : info@novusgreen.in, Website :www.novusgreen.in (An ISO 9001 : 2015 Company) (An ISO 14001 : 2015 Company)	CLIENT: Singareni Collieries Company Limited (SCCL), Telangana Solar Energy Corporation of India Limited 	REV.NO.	DESCRIPTION	DATE	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT TITLE: Singareni Floating Solar PV Power Project		SHEET	02 OFF 02
		00	SUBMISSION FOR APPROVAL	07.09.21	ASHOK	RAJASHEKAR	PRAVEEN	DRAWING DESCRIPTION	MCR - Plumbing Layout and Sanitary Details'	SCALE	NTS
		01	SUBMISSION FOR APPROVAL	16.12.21	ASHOK	RAJASHEKAR	PRAVEEN	DRAWING/DOCUMENT NUMBER	SCCL-STPP10-SECI-NGESL-DWG-CIV-101	SHEET SIZE	A0
		02	SUBMISSION FOR APPROVAL	23.12.21	ASHOK	RAJASHEKAR	PRAVEEN	RELEASED FOR	<input type="checkbox"/> TENDER <input type="checkbox"/> PRELIMINARY <input checked="" type="checkbox"/> APPROVAL FOR EXECUTION <input type="checkbox"/> AS-BUILT	REVISION	02



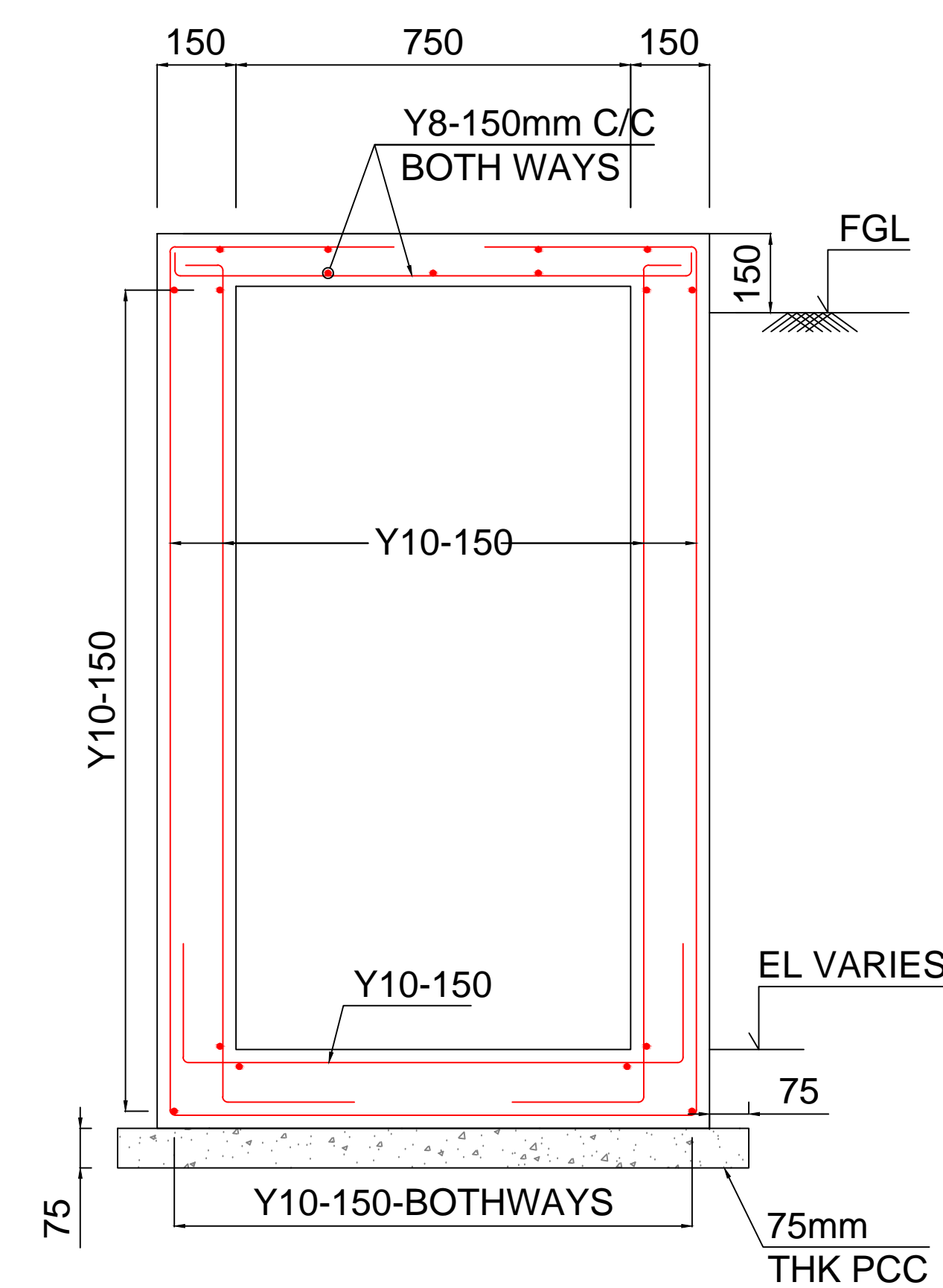
SECTION 3-3



TYPICAL RC DETAIL AROUND CUTOUT



TYPICAL EXTRA REINF. AROUND PIPE



SECTION 2-2




NOTES:

- ALL DIMENSIONS ARE IN MM OTHERWISE SPECIFIED.
- THIS DRAWING IS NOT TO BE SCALED ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- CONCRETE MIX. CONFIRMING TO IS 456.

CONCRETE MIX	GRADE	MAX.AGGREGATE SIZE
PCC	M10	20mm
FOOTING, BEAM, COLUMN,SLAB	M30	20mm
- ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fe 500 CONFIRMING TO IS:1786.
- CLEAR COVER FOR MAIN REINFORCEMENT BARS SHALL BE AS FOLLOWS: (a) RCC COLUMN = 40mm. (c)RCC BEAM=25MM (b) RCC BASE SLAB= 50mm. (d)RCC SLAB=15MM
- DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50xDIA OF SMALLER BAR.
- MINOR ADJUSTMENTS MAY BE DONE AT SITE IN CONSULTATION WITH ENGINEER-IN-CHARGE.
- NET SAFE BEARING CAPACITY CONSIDERED FOR FOOTING IS 50 Kn/SQM AT (-3M)

NOTATIONS:

S.No	ABBREVIATIONS	DESCRIPTION
1.	N.G.L.	NATURAL GROND LEVEL
2.	F.G.L.	FINISHED GROND LEVEL
3.	L.L.	LINTEL LEVEL
4.	B.S.L.	BOTTOM OF SLAB LEVEL
5.	F.F.L	FINISHED FLOOR LEVEL

EPC CONTRACTOR:  NOVUS GREEN ENERGY SYSTEMS LTD. TEL : 040-6999-3245, FAX : +(91)-040-40045515 Email : info@novusgreen.in, Website :www.novusgreen.in (An ISO 9001 : 2015 Company) (An ISO 14001 : 2015 Company)		CLIENT: Singareni Collieries Company Limited (SCCL), Telangana  Solar Energy Corporation of India Limited 	REV.NO.	DESCRIPTION	DATE	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT TITLE: Singareni Floating Solar PV Power Project	SHEET	01 OFF 02
00	SUBMISSION FOR APPROVAL	07.09.21	ASHOK	RAJASHEKAR	PRAVEEN	DRAWING DESCRIPTION	MCR - Plumbing Layout and Sanitary Details'			SCALE	NTS
01	SUBMISSION FOR APPROVAL	16.12.21	ASHOK	RAJASHEKAR	PRAVEEN	DRAWING/DOCUMENT NUMBER	SCCL-STPP10-SECI-NGESL-DWG-CIV-101			SHEET SIZE	A0
02	SUBMISSION FOR APPROVAL	23.12.21	ASHOK	RAJASHEKAR	PRAVEEN	RELEASED FOR	<input type="checkbox"/> TENDER <input type="checkbox"/> PRELIMINARY <input checked="" type="checkbox"/> APPROVAL FOR EXECUTION <input type="checkbox"/> AS-BUILT			REVISION	02