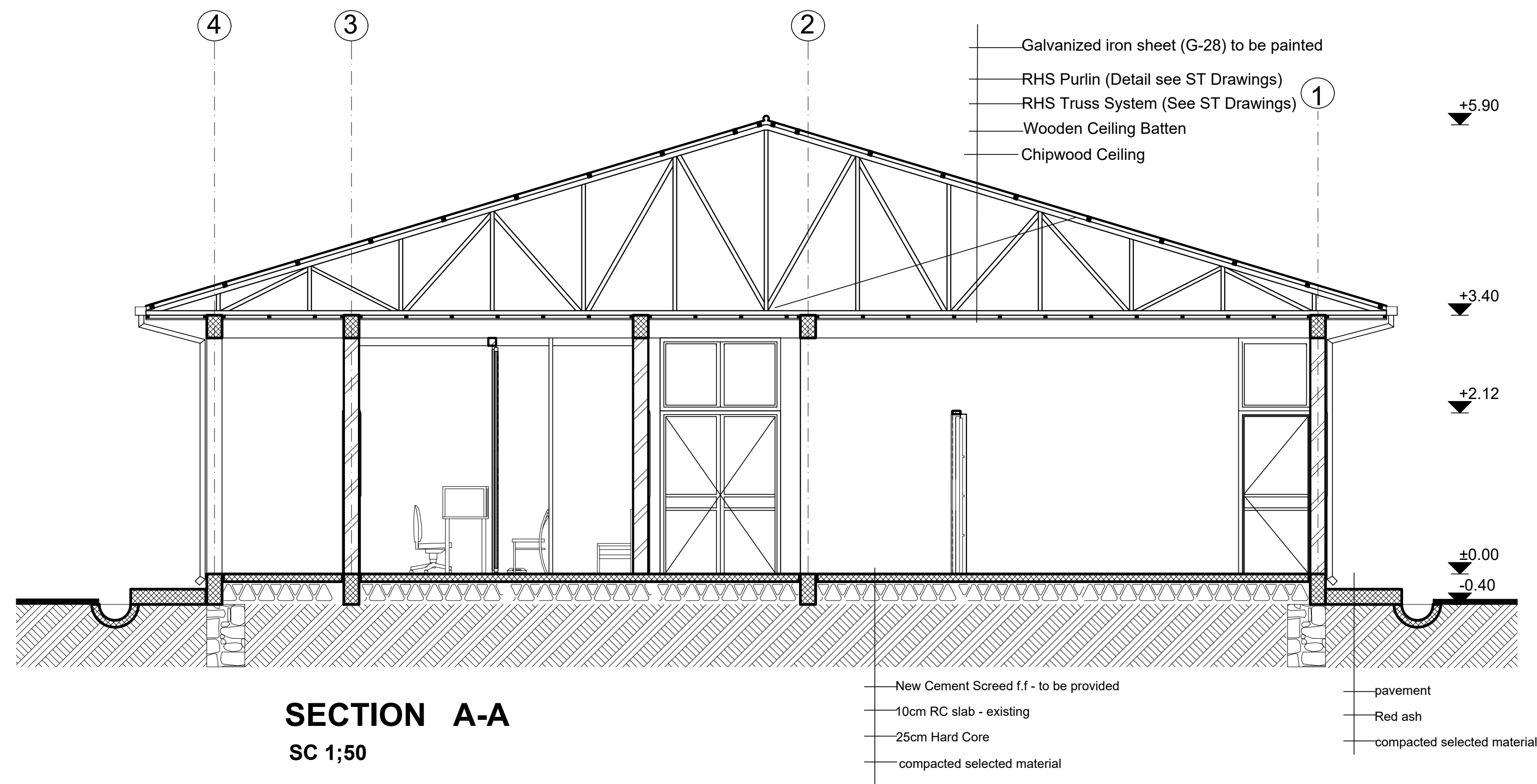


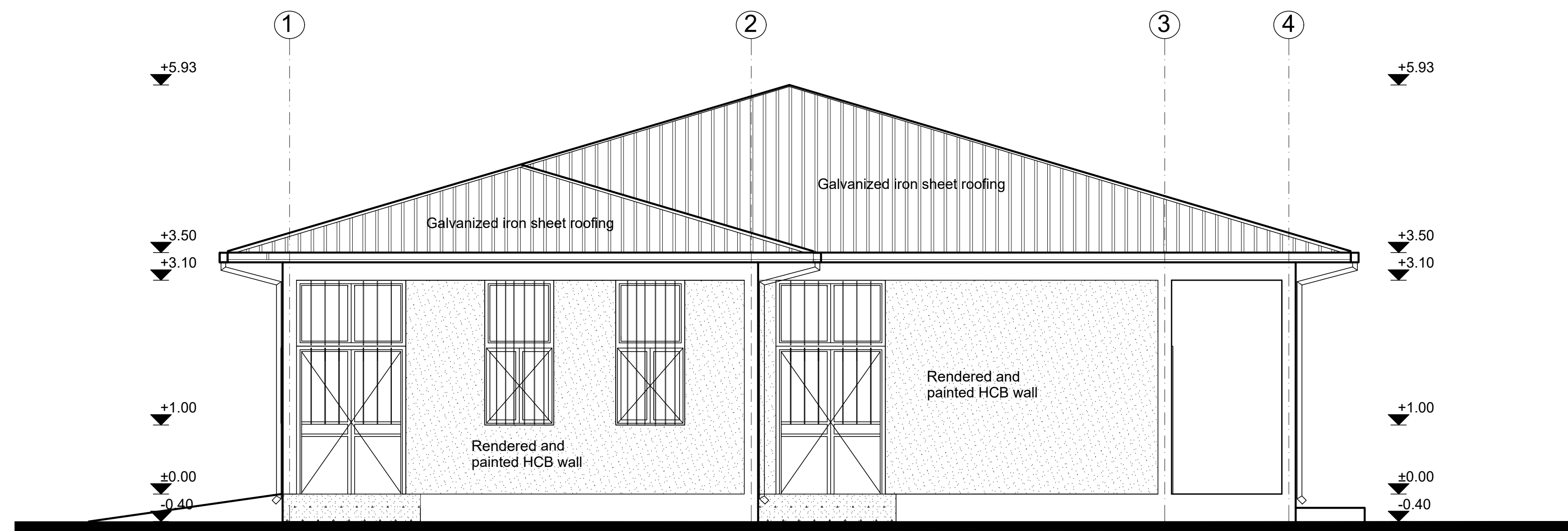
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United Nations Higher Commission for Refugees Office for the AU (UNHCR)	United Nations Higher Commission for Refugees Office for the AU (UNHCR)
Program:	Implemented by:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB
Drawing Title:	

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SECTION A-A
SC 1:50



FRONT ELEVATION
SC 1:50

GENERAL NOTES:

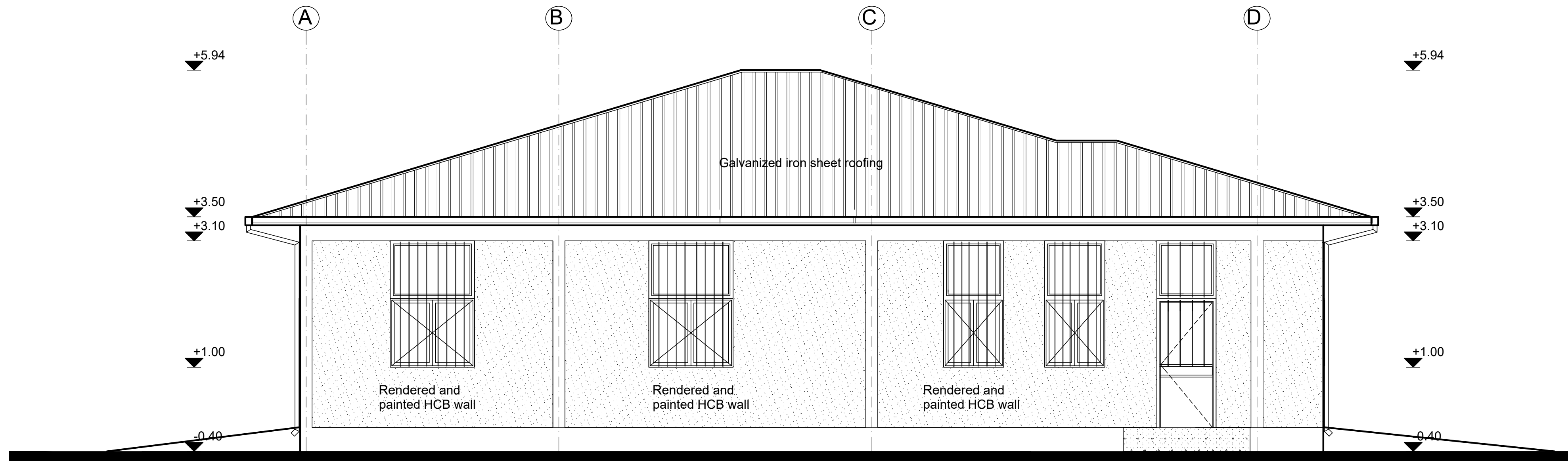
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KEY PLAN

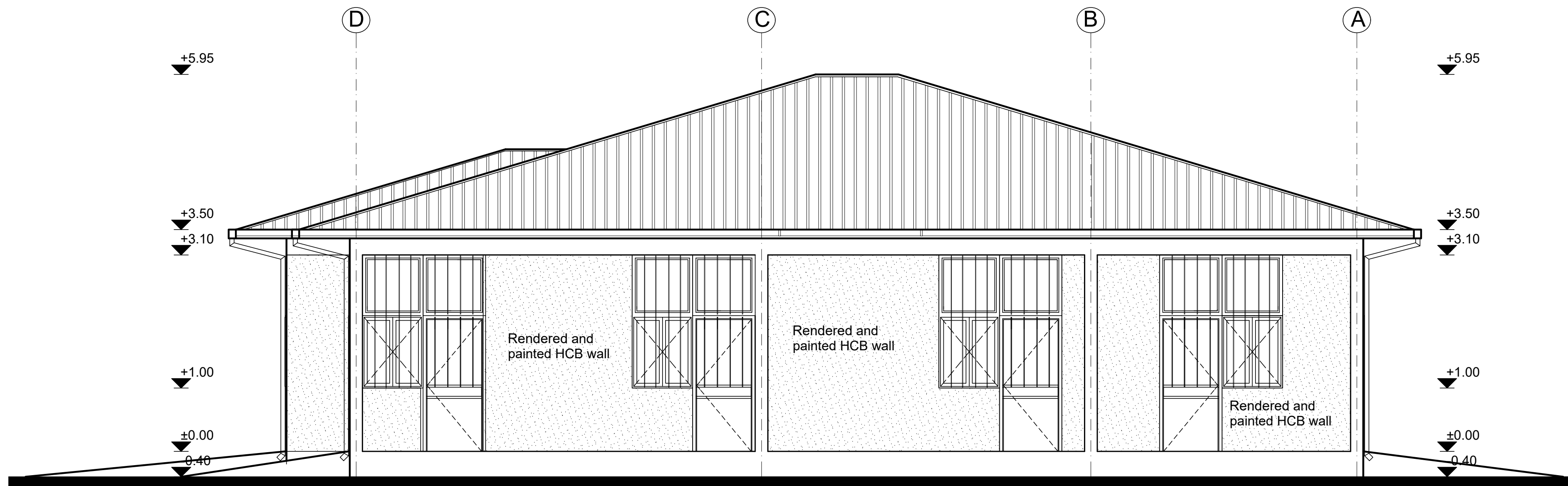
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Project Name:	Design:
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Drawing Title:	

SECTION & ELEVATION - REGISTRATION MODEL

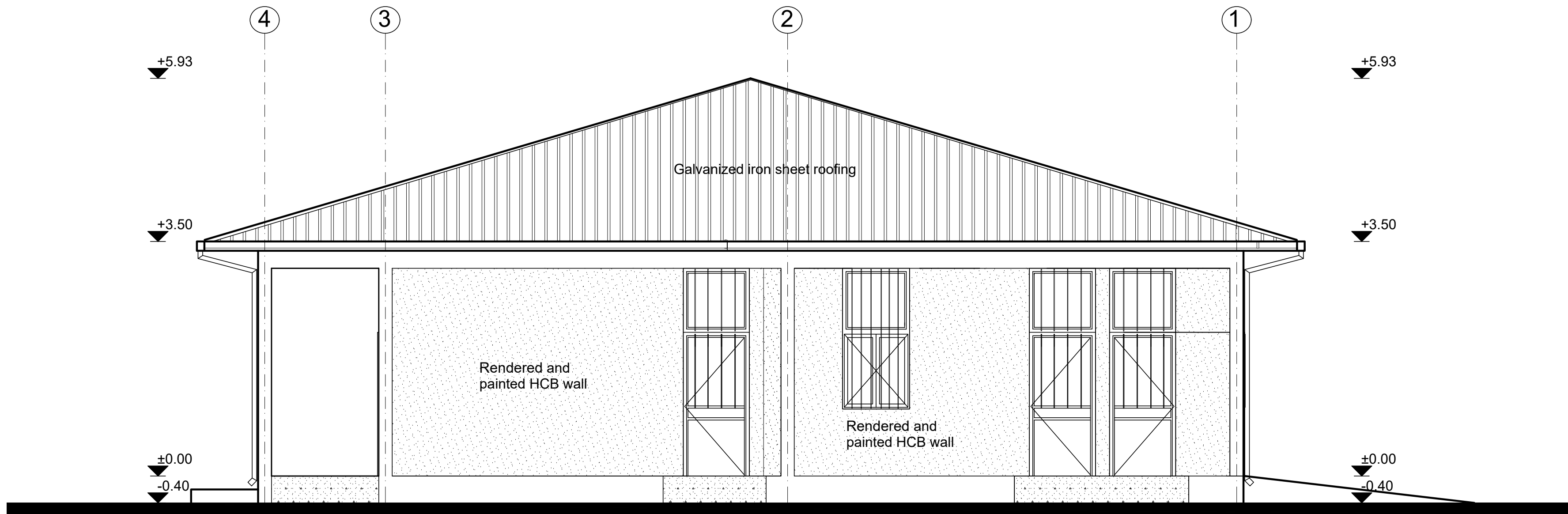
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		02 / 05 / 2021	0	



LEFT SIDE ELEVATION
SC 1;50



RIGHT SIDE ELEVATION
SC 1;50



REAR ELEVATION
SC 1;50

GENERAL NOTES:

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Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB

Drawing Title:

ELEVATION- REGISTRATION MODEL

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				02 / 05 /2021
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PARTITION SCHEDULE

Window Name	P1	P2	P3	P4
Quantity	1	3	1	8
Type				
Frame material	Aluminium frame extruded profiles of standard UNI 3870 - ICS 77.140.90	Aluminium frame extruded profiles of standard UNI 3870 - ICS 77.140.90	Aluminium frame extruded profiles of standard UNI 3870 - ICS 77.140.90	Wooden frame with wooden mouldings all round
Frame finish	Brushed natural Aluminium Surface	Brushed natural Aluminium Surface	Brushed natural Aluminium Surface	Plastic emulsion paint.
Glazing	5mm thick clear glass	5mm thick clear glass	5mm thick clear glass	Solid, 40mm oke veneered plywood
Front View				

WINDOW DOOR SCHEDULE

Door Name	WD1
Quantity	4
Frame material	RHS steel frame 40mm x 40mm x 2mm
Frame finish	Painted with 2 coats of antirust paint & one coat of enamel paint
Door leaf construction	180D Opening, 0.5mm casement metal pane
Burglar Proofing	RHS 25mm x 25mm x 2mm Vertical steel bars at equal intervals welded to frames on the exterior side.
Ironmongry	stainless steel pull-push bar handle
Louver	0.5mm thick steel louvers at top welded to RHS frame. Louver to be covered with approved mosquito net.

DOOR SCHEDULE

Door Name	D1	D2	D3
Quantity	2	8	4
Frame material	RHS steel frame 40mm x 40mm x 2mm	RHS steel frame 40mm x 40mm x 2mm	RHS steel frame 40mm x 40mm x 2mm
Frame finish	Painted with 2 coats of antirust paint & one coat of enamel paint	Painted with 2 coats of antirust paint & one coat of enamel paint	Painted with 2 coats of antirust paint & one coat of enamel paint
Door leaf construction	180D opening made of 0.5mm flat metal pane	180D opening made of 0.5mm flat metal pane	180D opening made of 0.5mm flat metal pane
Burglar Proofing	RHS 25X25X2 mm vertical steel bars at equal intervals welded to frames on the interior side	RHS 25X25X2 mm vertical steel bars at equal intervals welded to frames on the interior side	RHS 25X25X2 mm vertical steel bars at equal intervals welded to frames on the interior side
Ironmongry	stainless steel pull-push bar handle	stainless steel pull-push bar handle	stainless steel pull-push bar handle
Louver	0.5mm thick steel louvers welded at top to the frame. Louvers to be covered with approved mosquito net.	0.5mm thick steel louvers welded at top to the frame. Louvers to be covered with approved mosquito net.	0.5mm thick steel louvers welded at top to the frame. Louvers to be covered with approved mosquito net.

WINDOW SCHEDULE

Window Name	W1	W2
Quantity	3	8
Frame material	LTZ steel frame 40mm x 40mm x 2mm	LTZ steel frame 40mm x 40mm x 2mm
Frame finish	Painted with 2 coats of antirust paint & one coat of enamel paint	Painted with 2 coats of antirust paint & one coat of enamel paint
Glazing	5mm thick clear glass	5mm thick clear glass
Burglar proofing	RHS 25 X 25 X 2 mm steel bars wended to frames at equal spacing behind glazings on the interior side	RHS 25 X 25 X 2 mm steel bars wended to frames at equal spacing behind glazings on the interior side
Louver	0.5mm thick steel louvers welded to RHS frame. Louver to be covered with approved mosquito net.	0.5mm thick steel louvers welded to RHS frame. Louver to be covered with approved mosquito net.
Ironmongry	stainless steel pull-push bar handle	stainless steel pull-push bar handle

GENERAL NOTES:

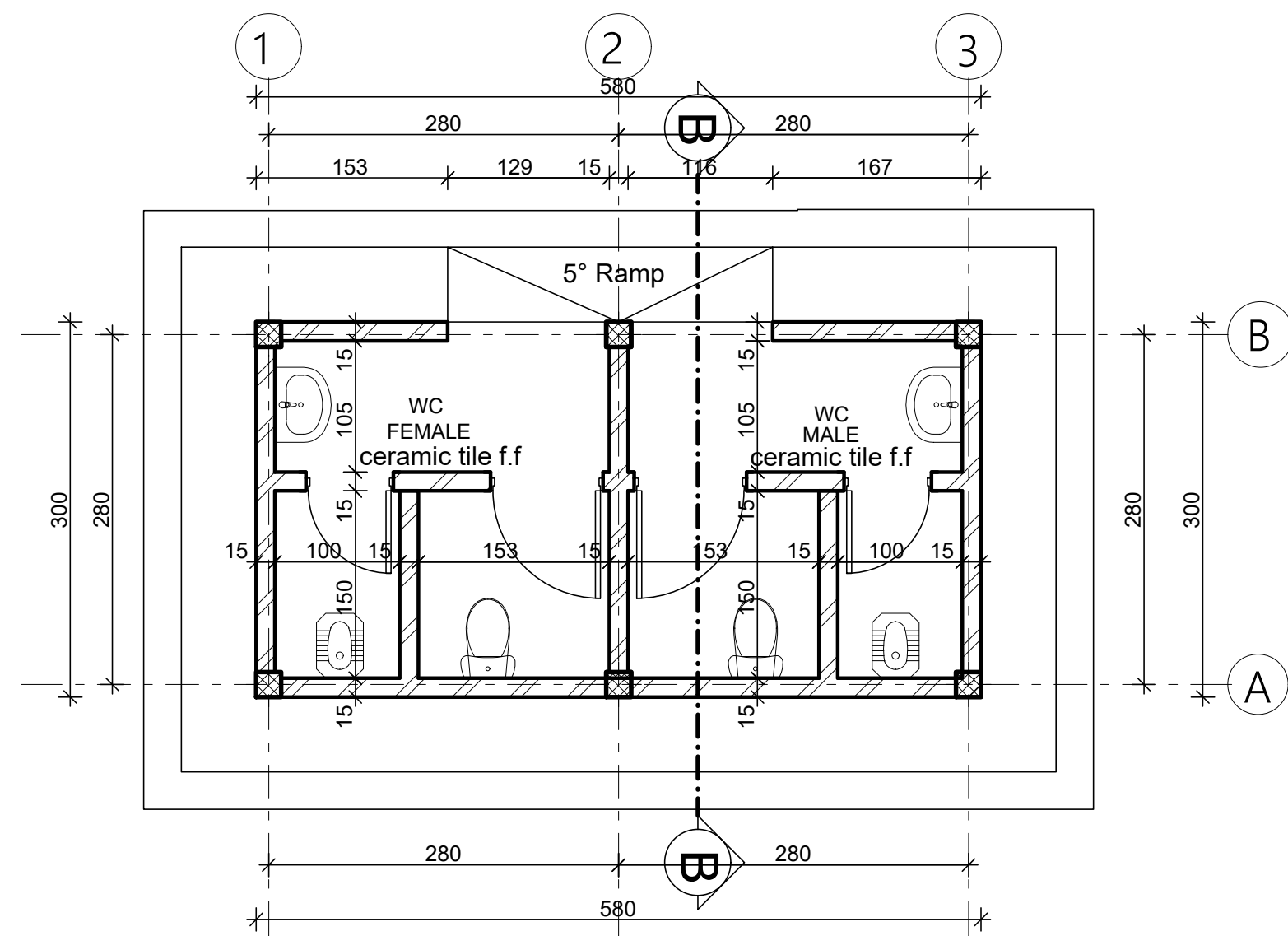
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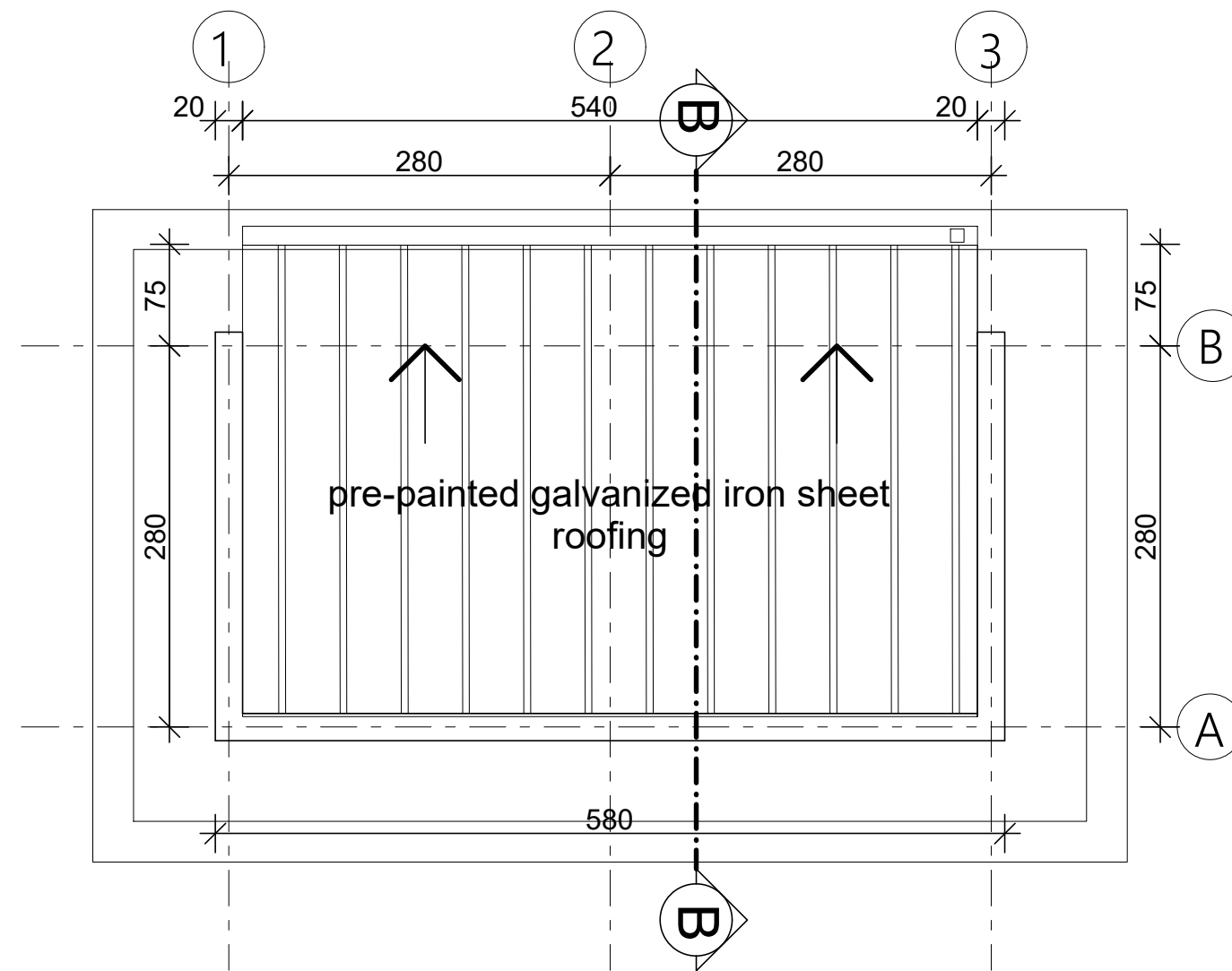
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Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB
Drawing Title:	

WINDOW DOOR SCHEDULE - REGISTRATION MODEL

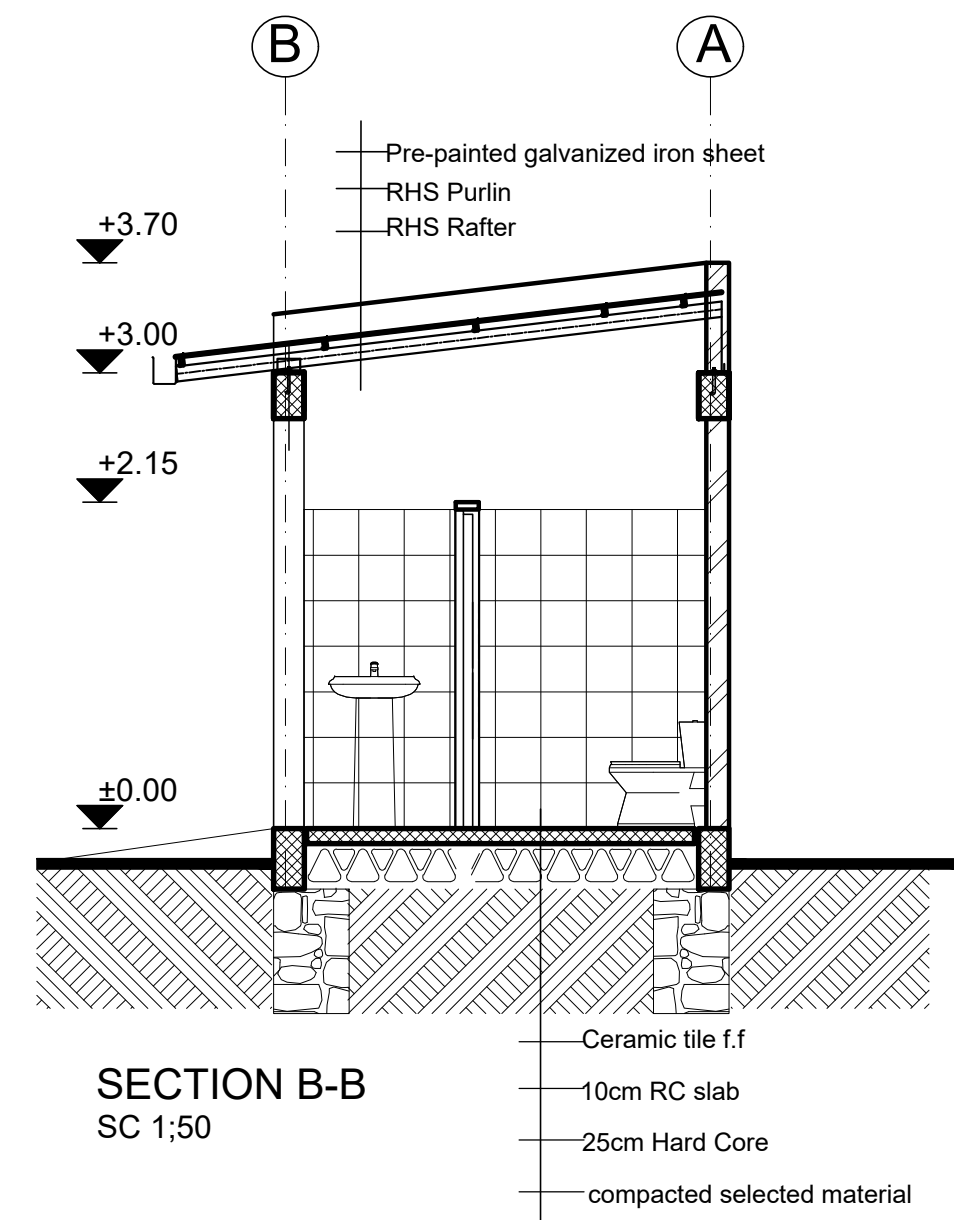
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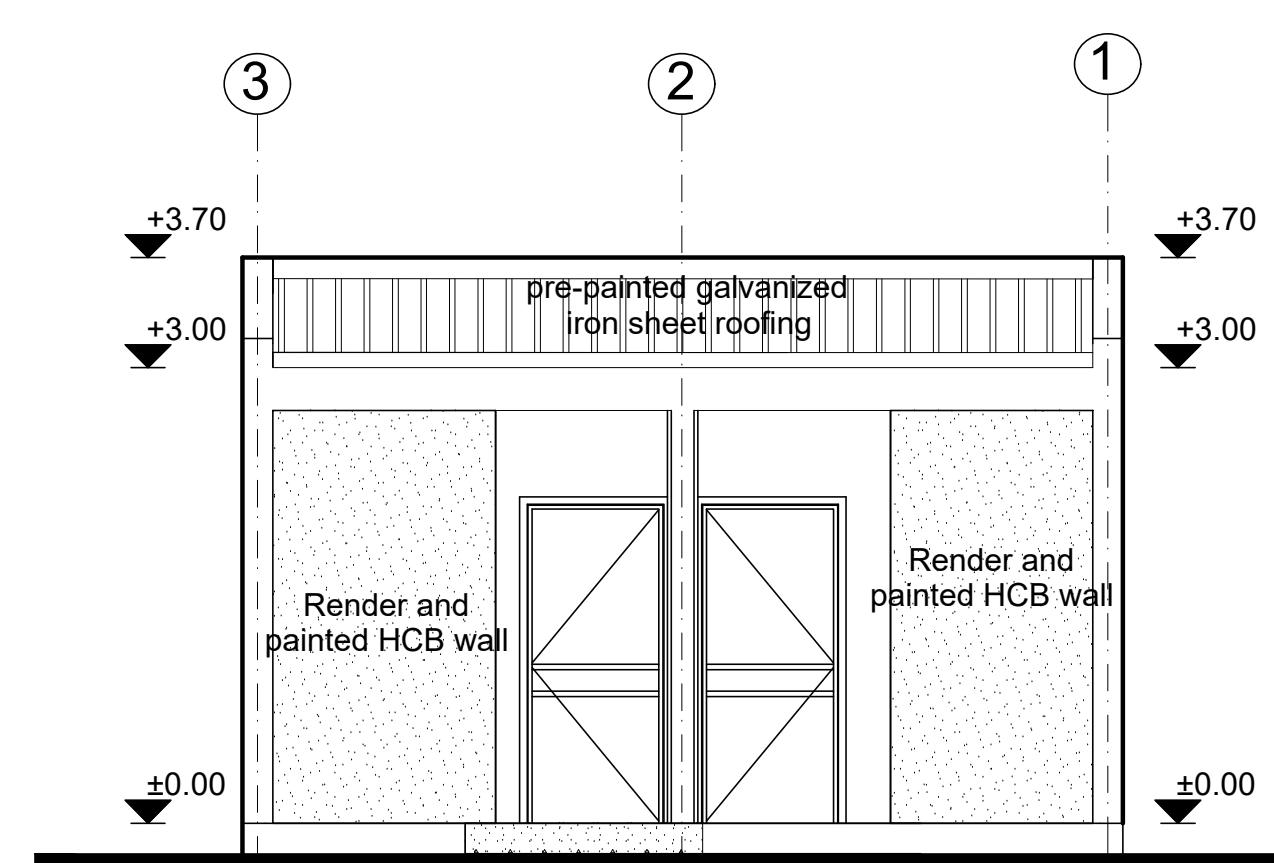
Ground Floor Plan
sc. 1:50 (Guest Toilet)



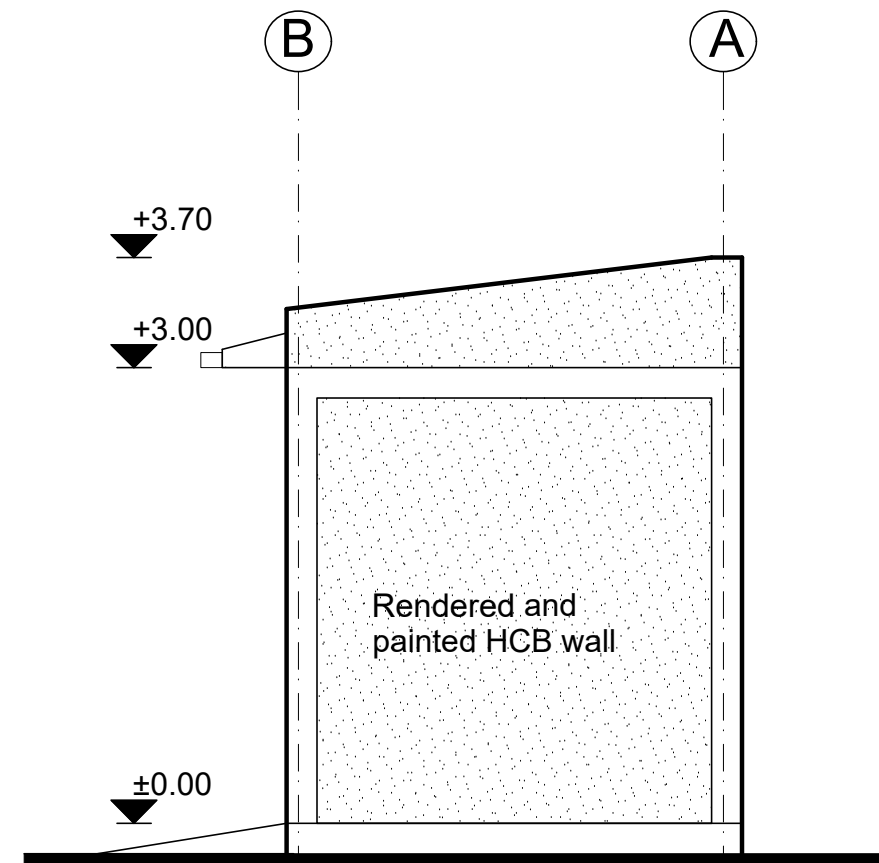
ROOF PLAN
SC 1;50 (Guest Toilet)



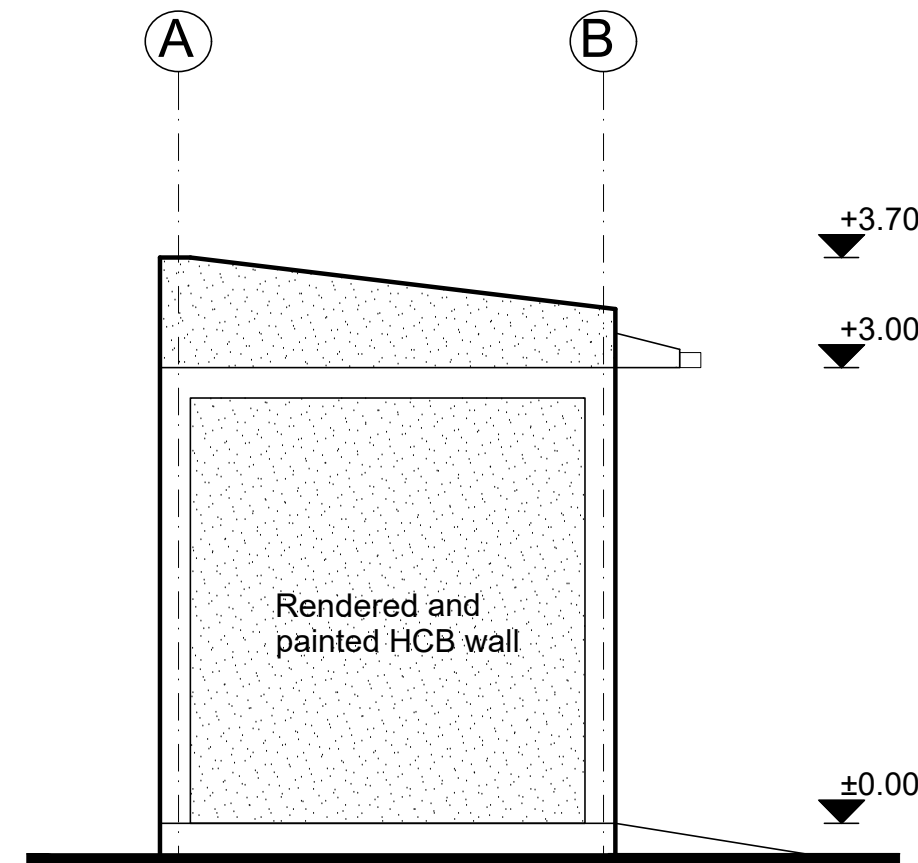
SECTION B-B
SC 1:50



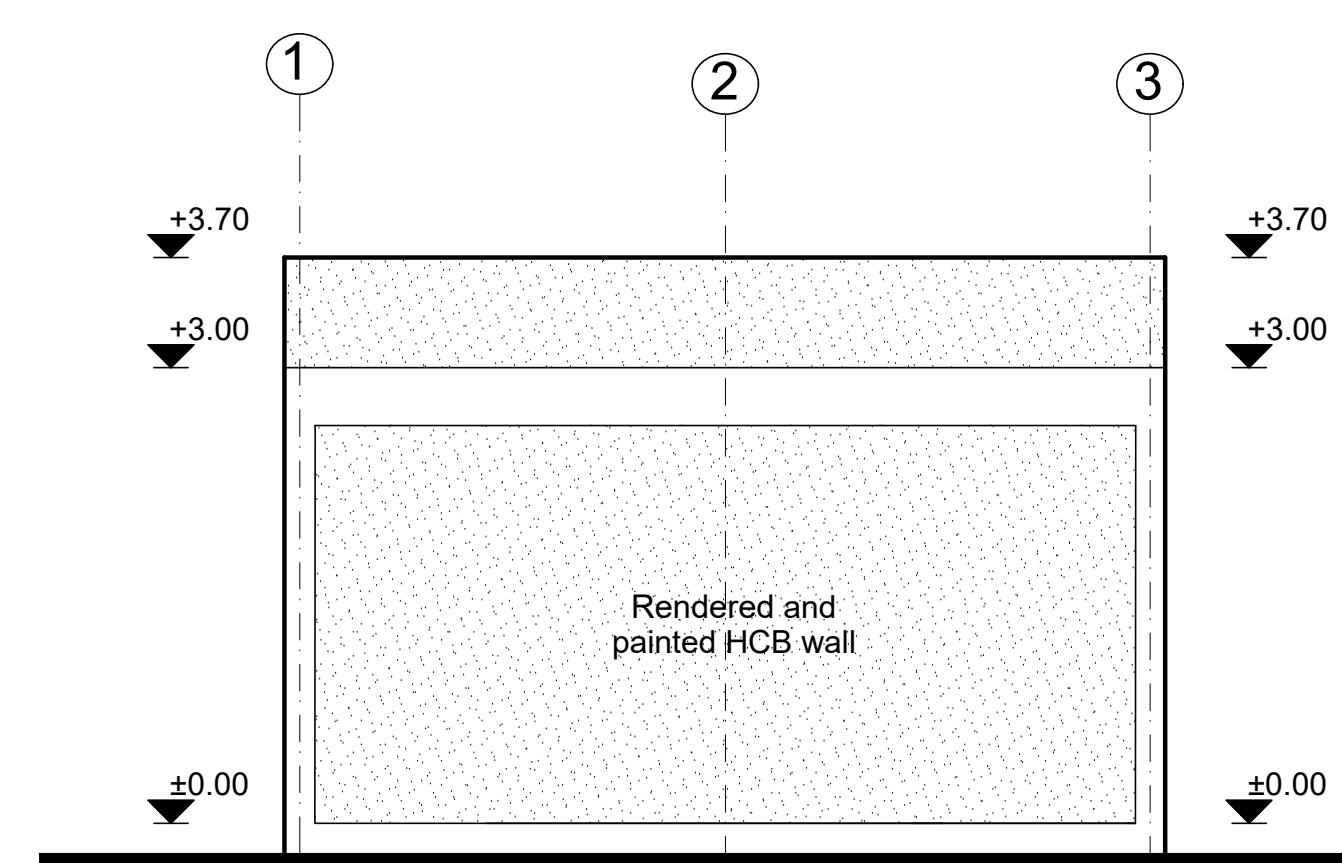
FRONT ELEVATION
SC 1:50



RIGHT SIDE ELEVATION
SC 1:50



LEFT SIDE ELEVATION
SC 1:50



REAR ELEVATION
SC 1:50

GENERAL NOTES:

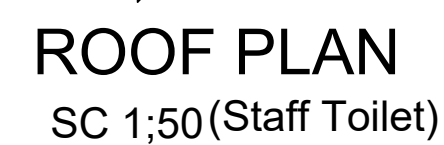
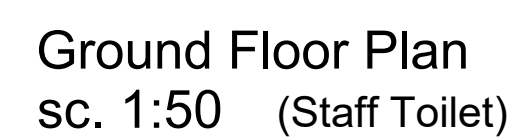
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Project Name:	Design:
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GUEST TOILET PLANS

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GENERAL NOTES:

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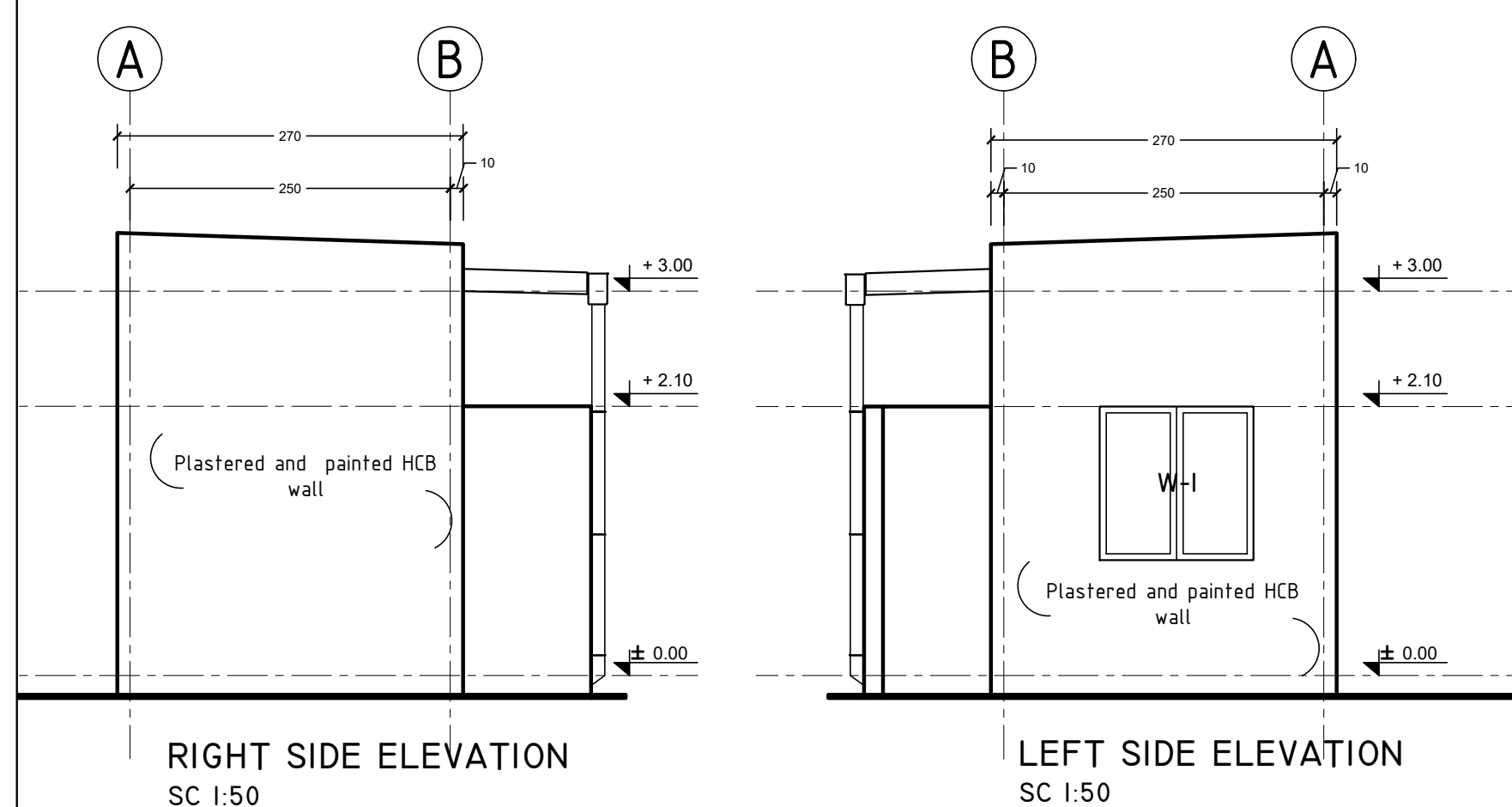
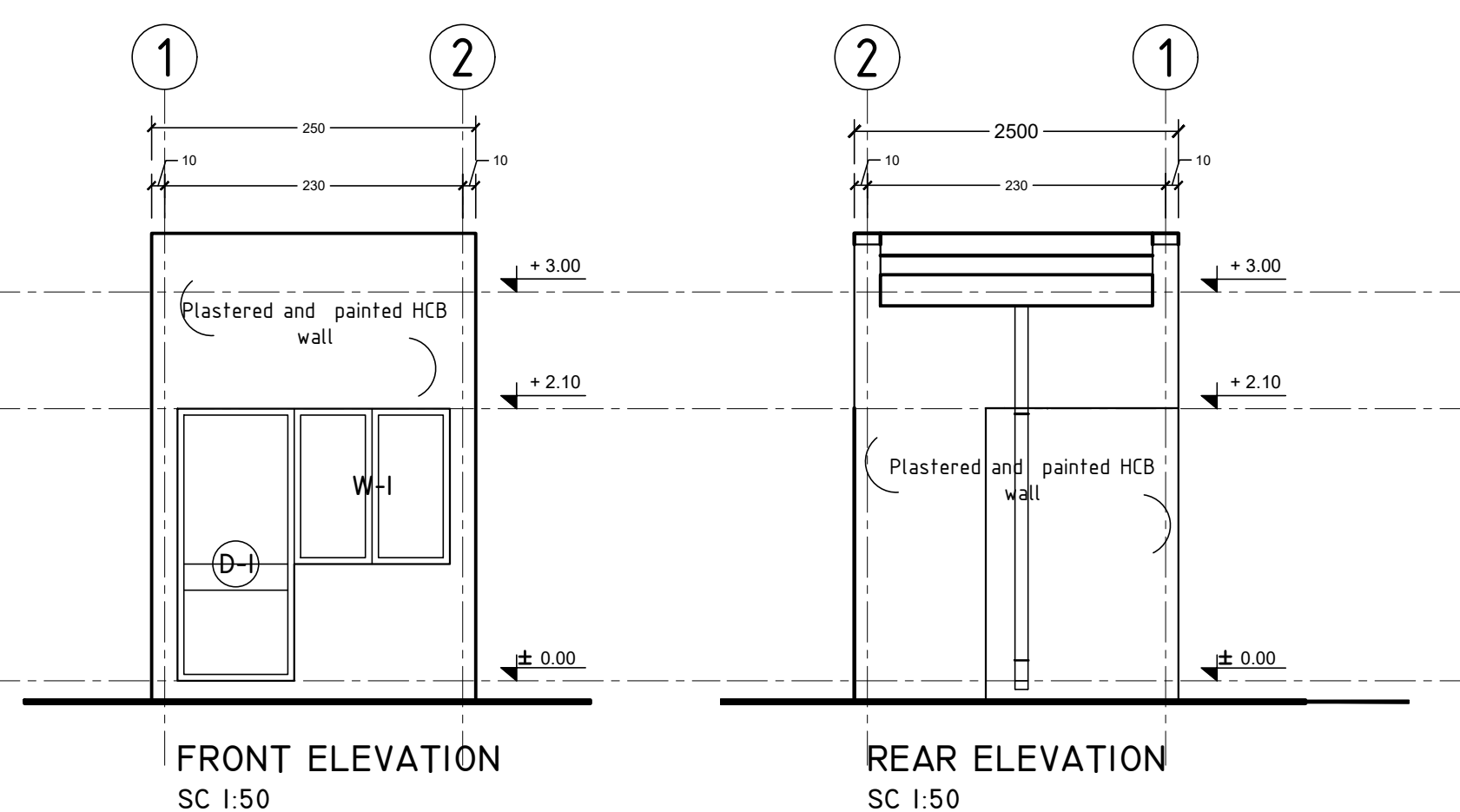
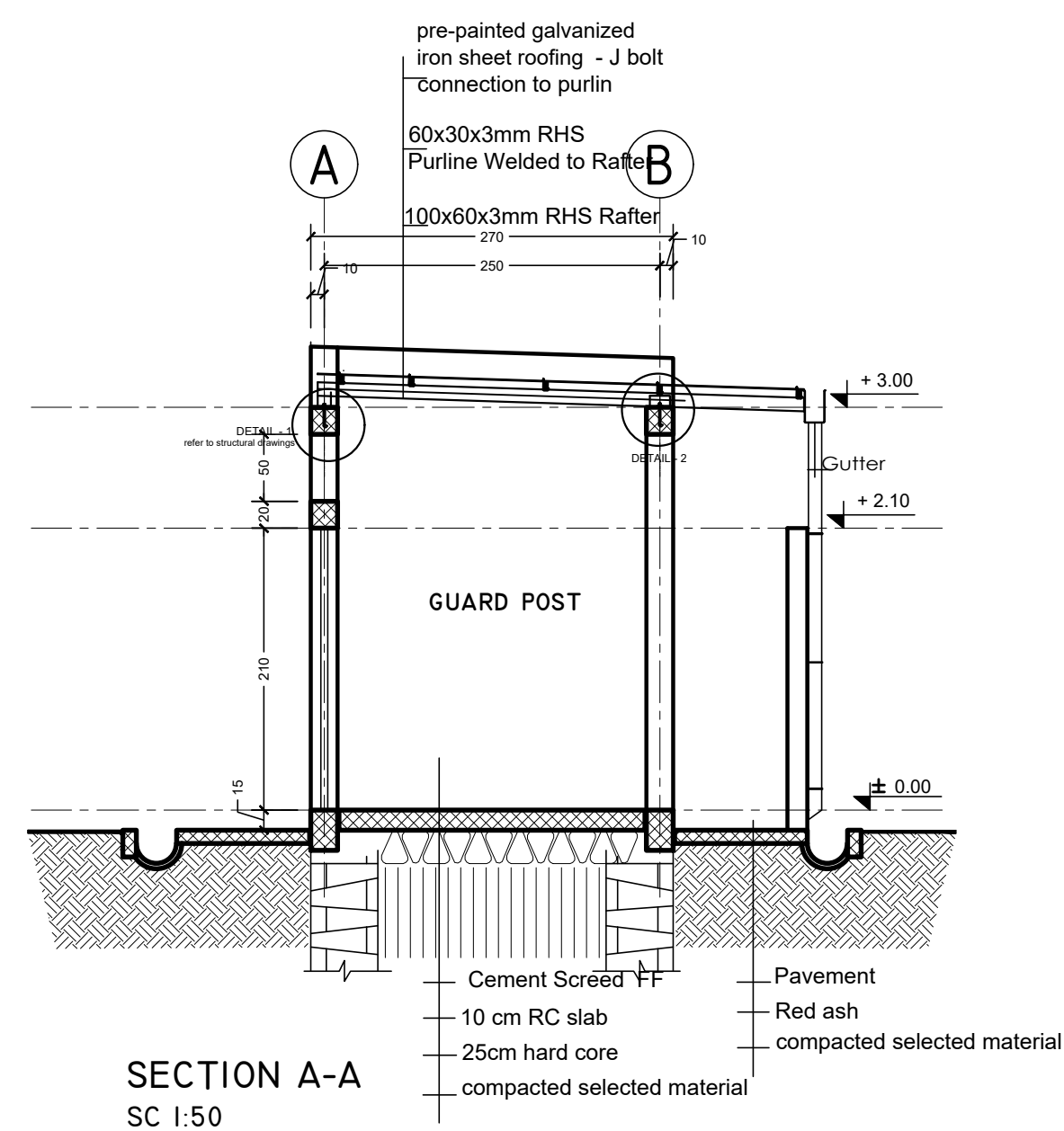
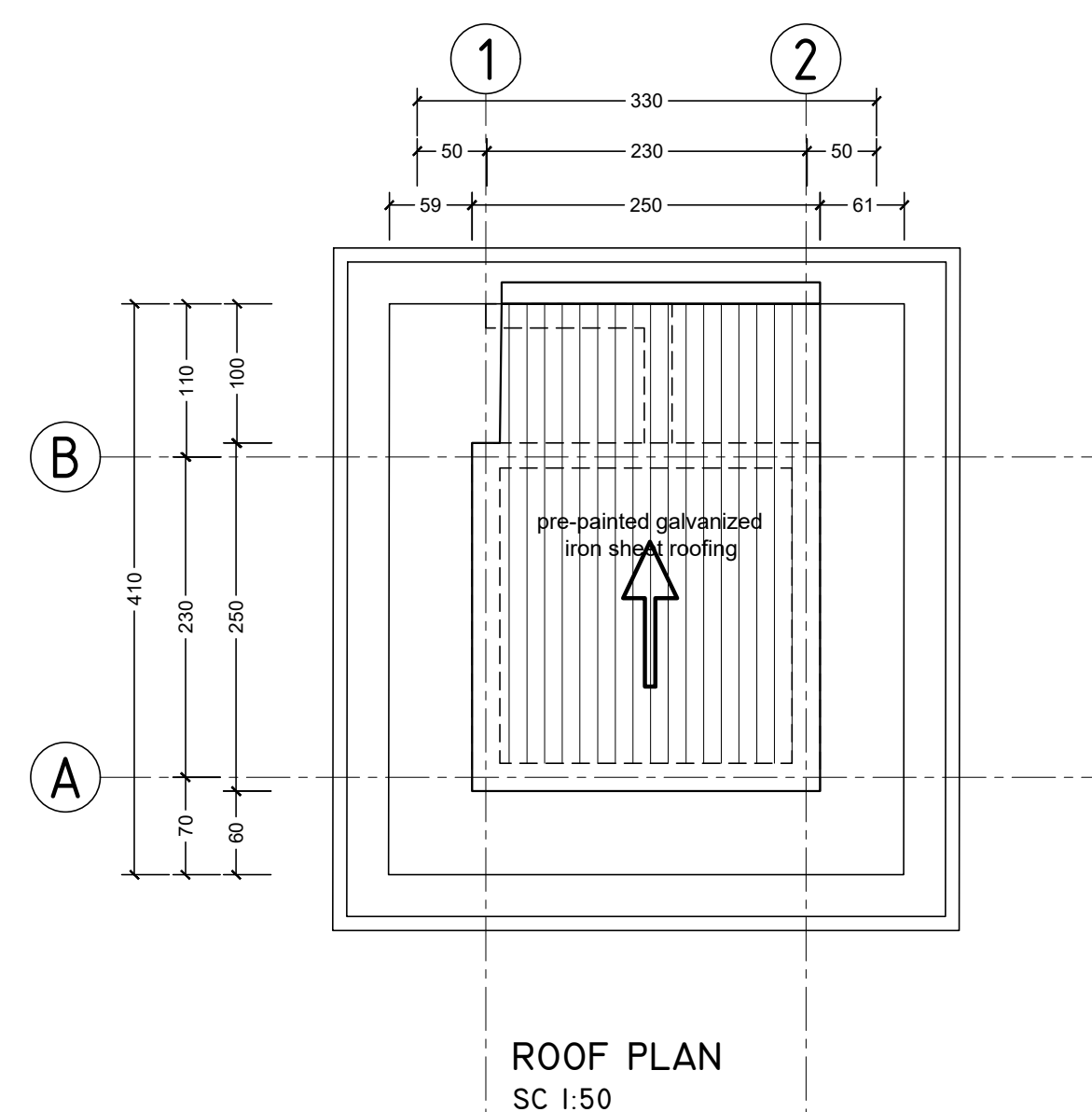
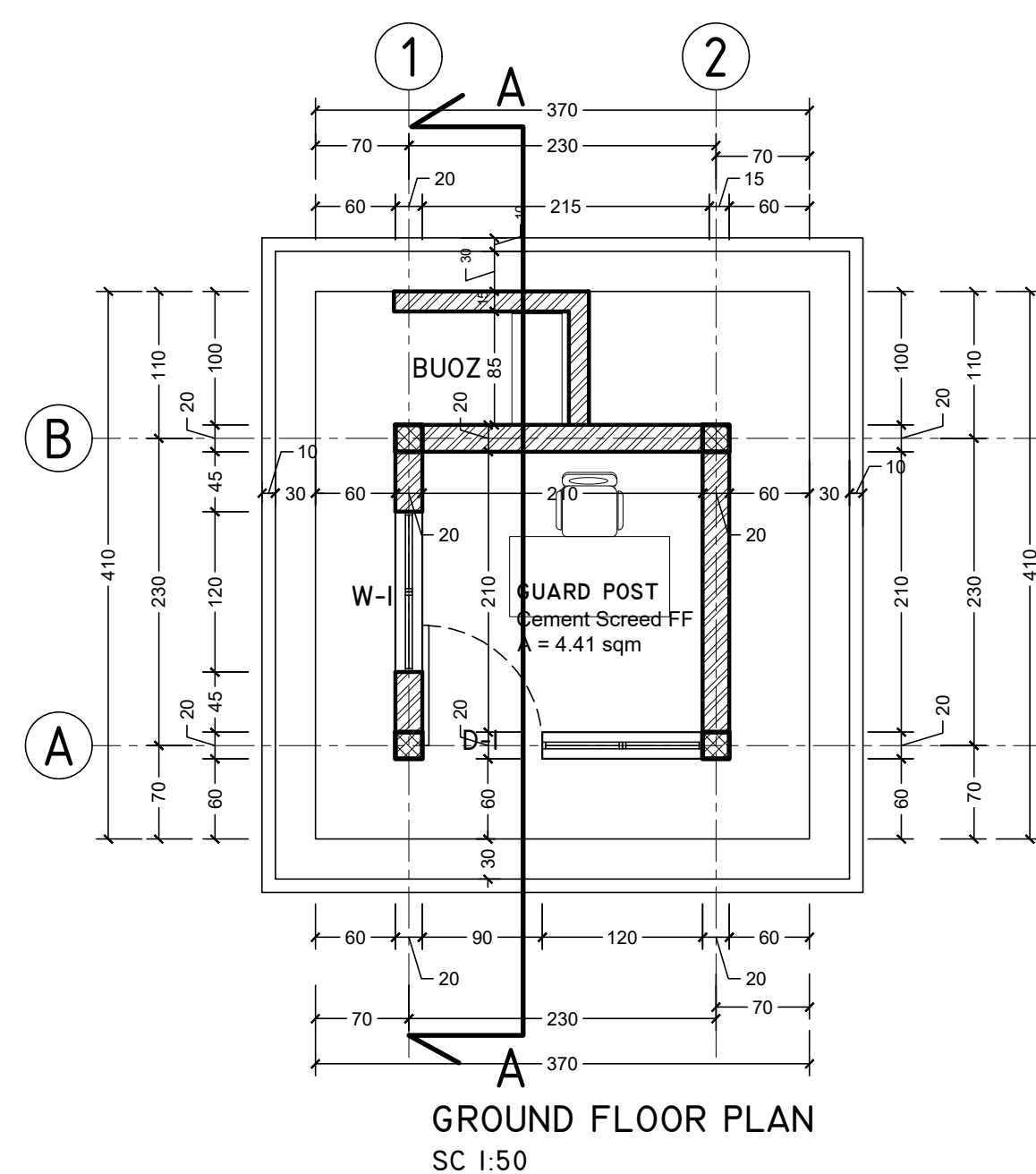
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<p>Program:</p> <p>Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model</p>	<p>Implemented By:</p> <p>UNOPS ETHIOPIA OPERATIONAL HUB</p>
<p>Project Name:</p> <p>Jewi Oss Center</p>	<p>Design:</p> <p>UNOPS ETHIOPIA OPERATIONAL HUB</p>

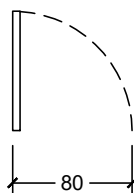
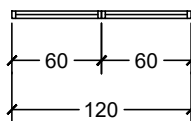
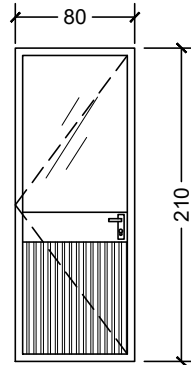
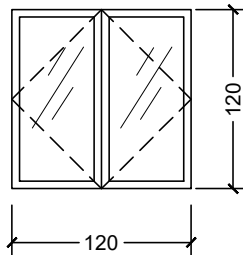
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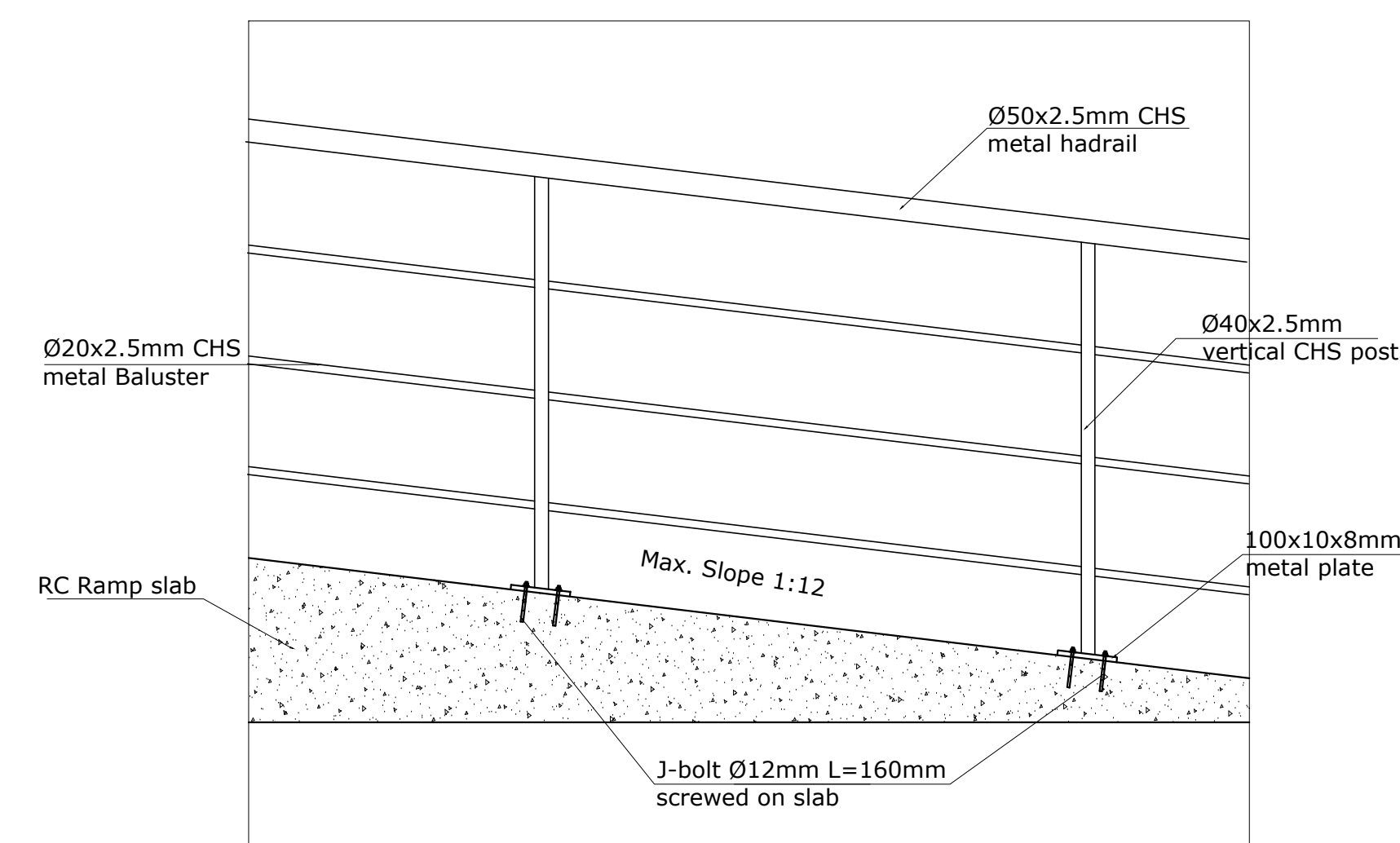
STAFF TOILET PLANS

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WINDOWS AND DOOR SCHEDULE

SC 1:50	D-I	W-I
PLAN VIEW		
ELEVATION VIEW		
PIECES	1 pcs	2 pcs
OPENING DIRECTION	LEFT - Inward 1, Outward 0 RIGHT - Inward 0, Outward 0	double pane inward opening
DESCRIPTION	2.5mm thick metal LTZ profile frame with corrugated metal sheet bottom panel	2.5mm thick metal LTZ profile frame.
GLAZING	4mm thick translucent and non reflective glass	4mm thick clear and non reflective glass



FINISHING SCHEDULE

SC 1:50



ROOM	AREA	FLOOR FINISH	WALL FINISH	CEILING FINISH
GUARD POST	4.41 sqm	50mm thick cement screed	plastered and painted HCB wall	Open ceiling to roof structure

GENERAL NOTES:

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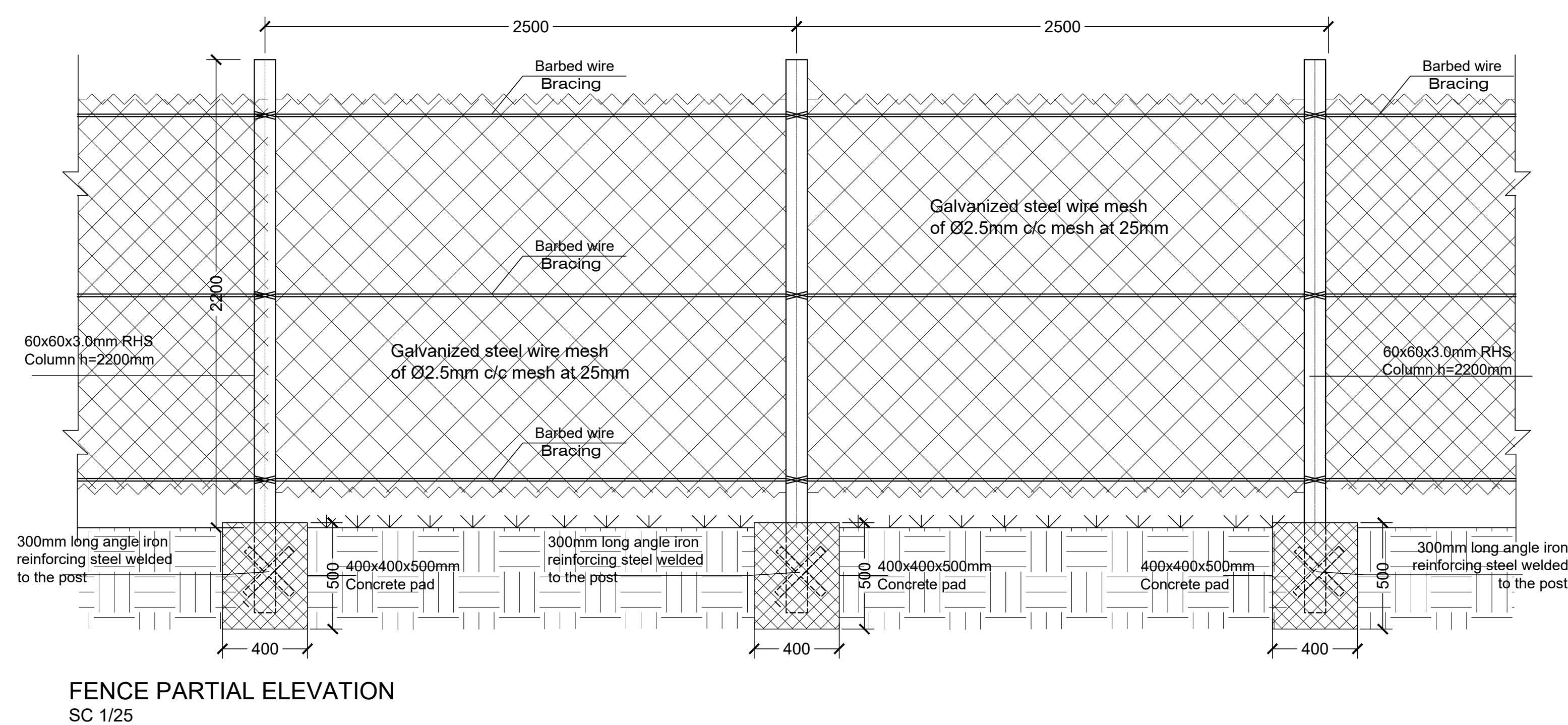
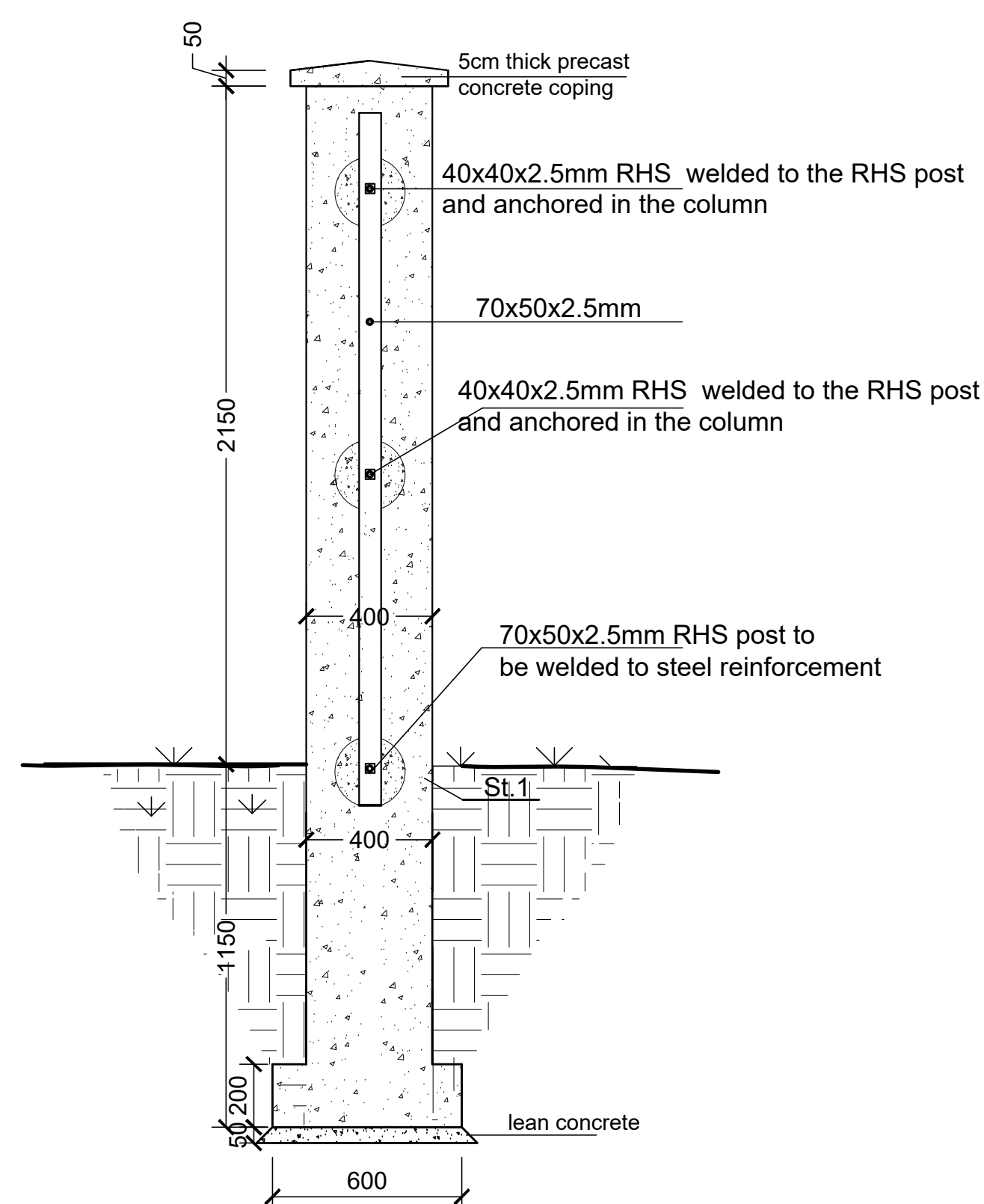
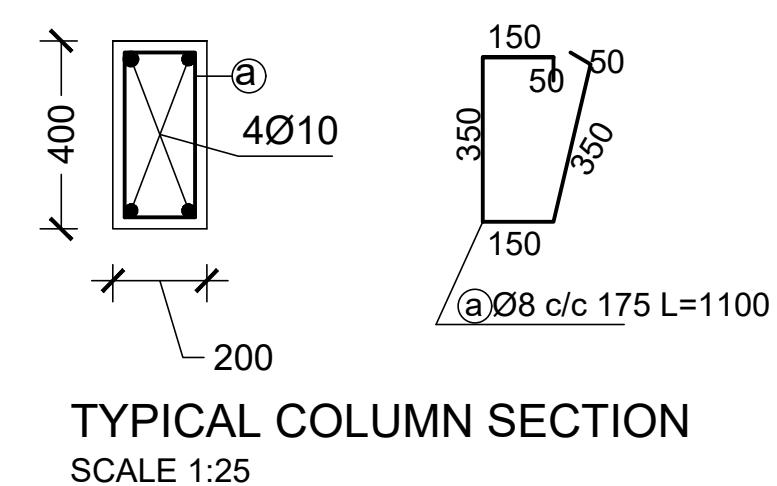
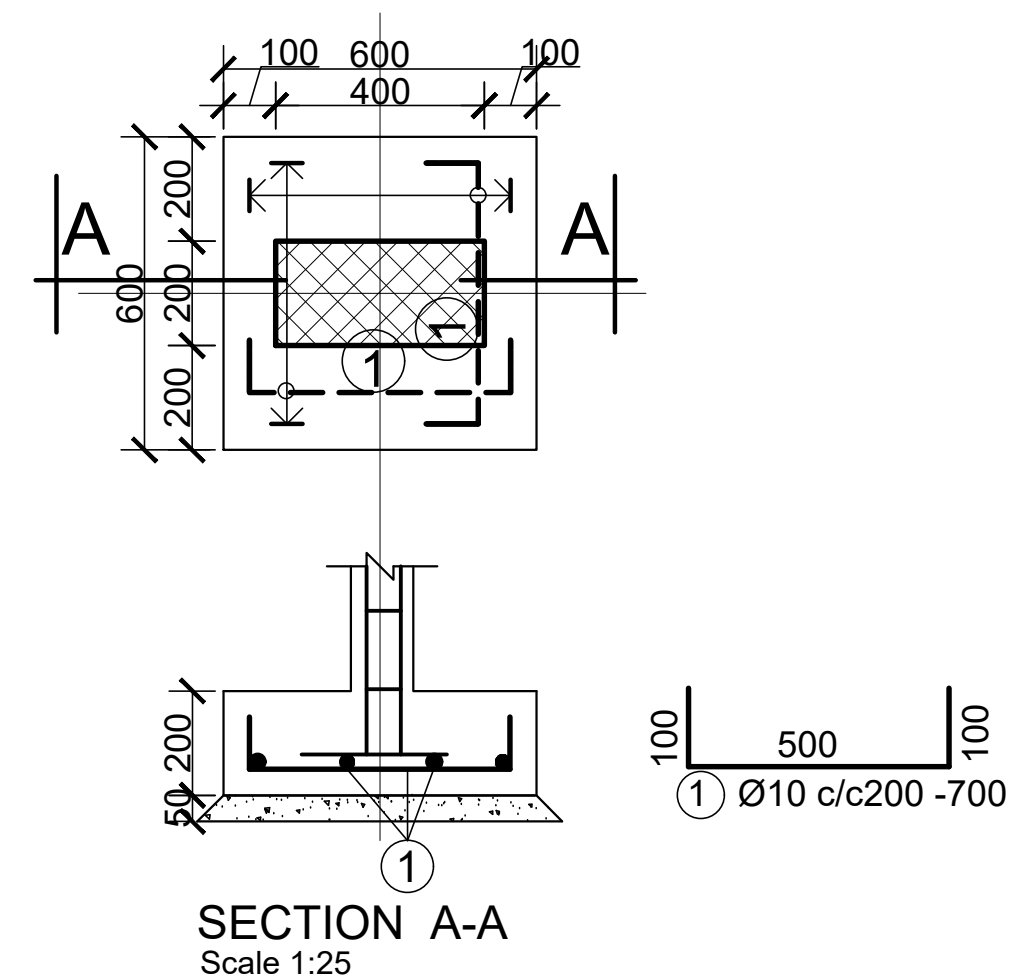
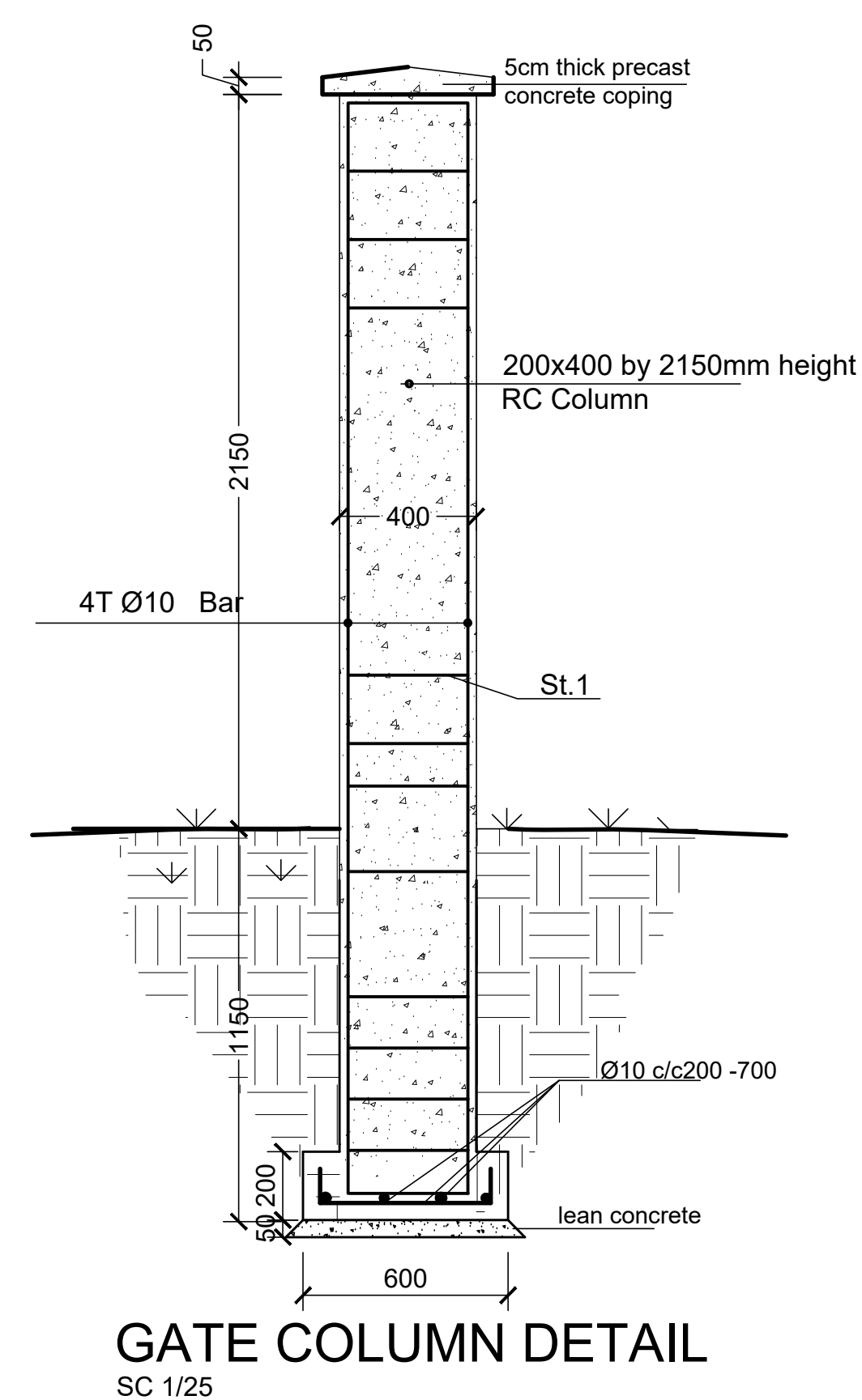
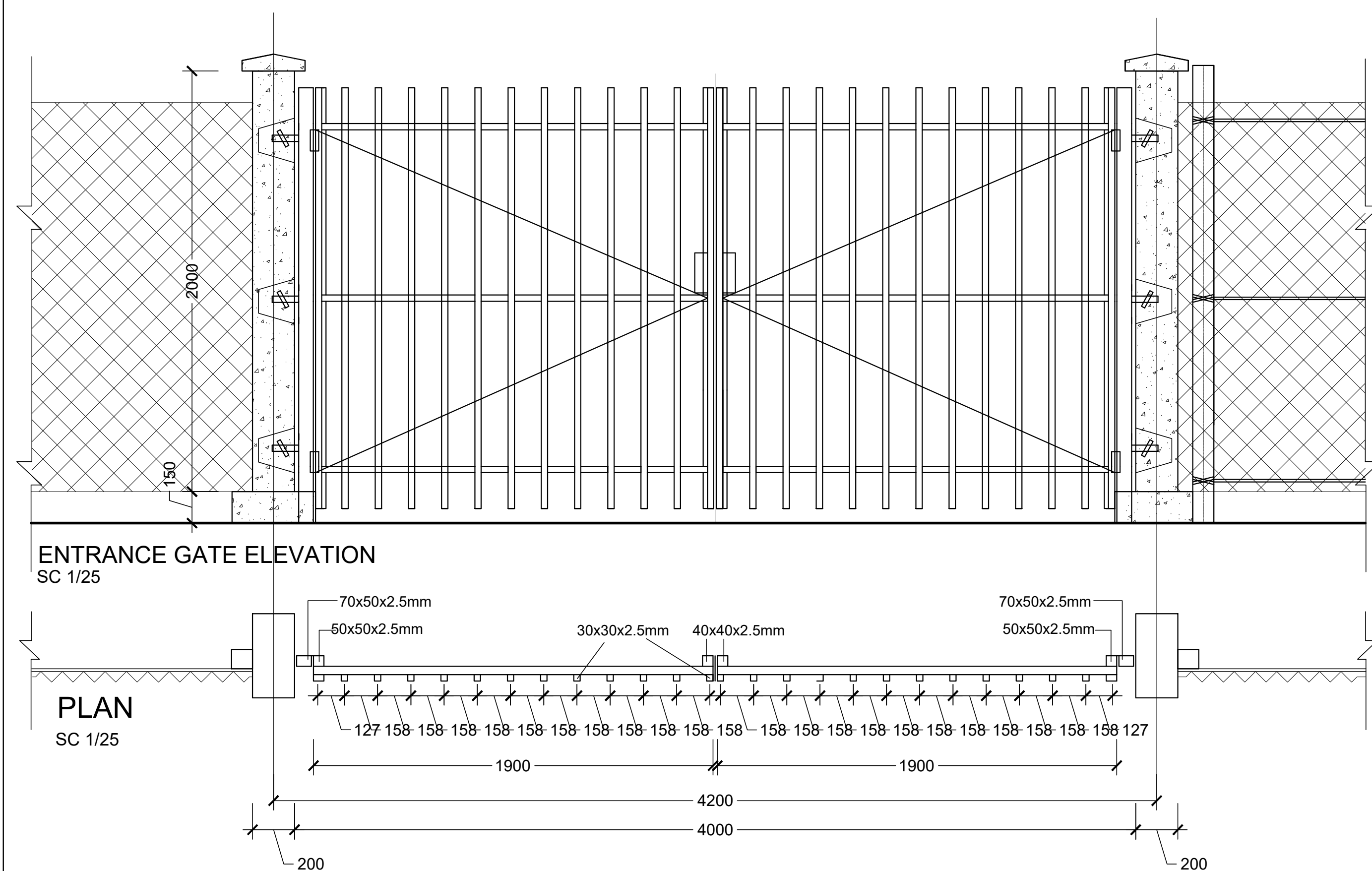
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Program:	Implemented by:
Rehabilitation of UNHCR One-Stop-Shop (OSS) REGISTRATION MODEL	UNOPS , ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
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PROPOSED GUARD POST BLOCK

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GENERAL NOTES:

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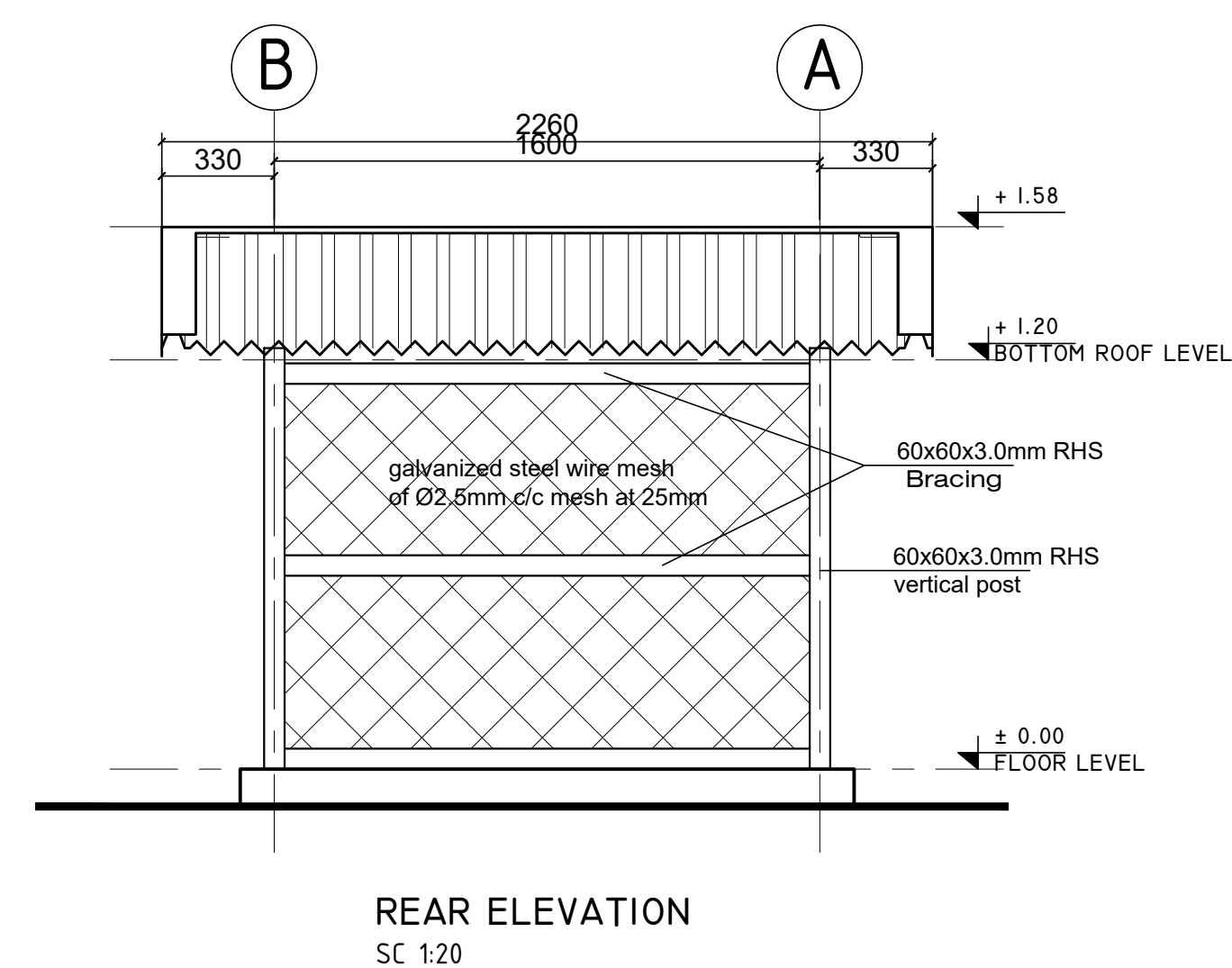
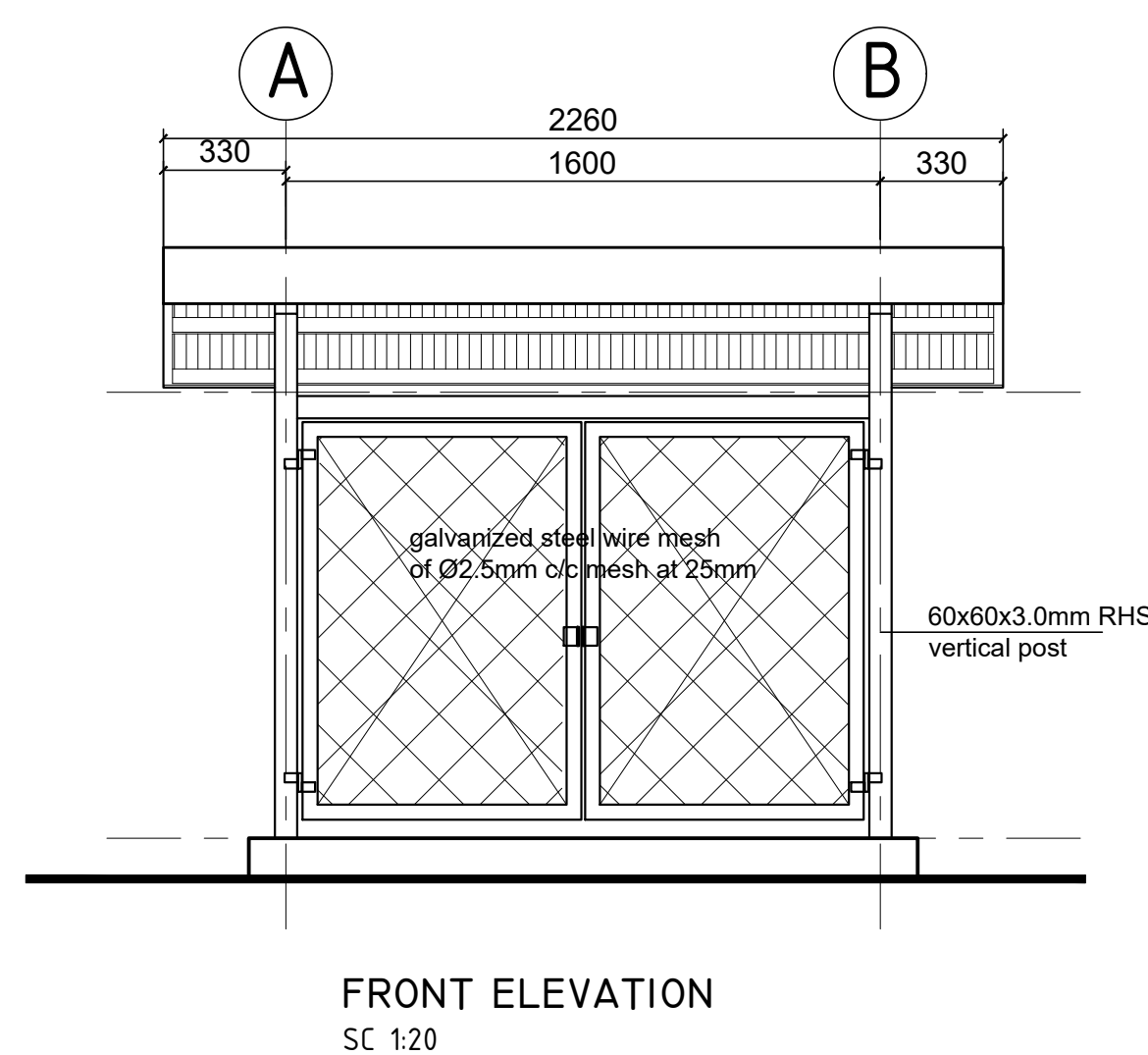
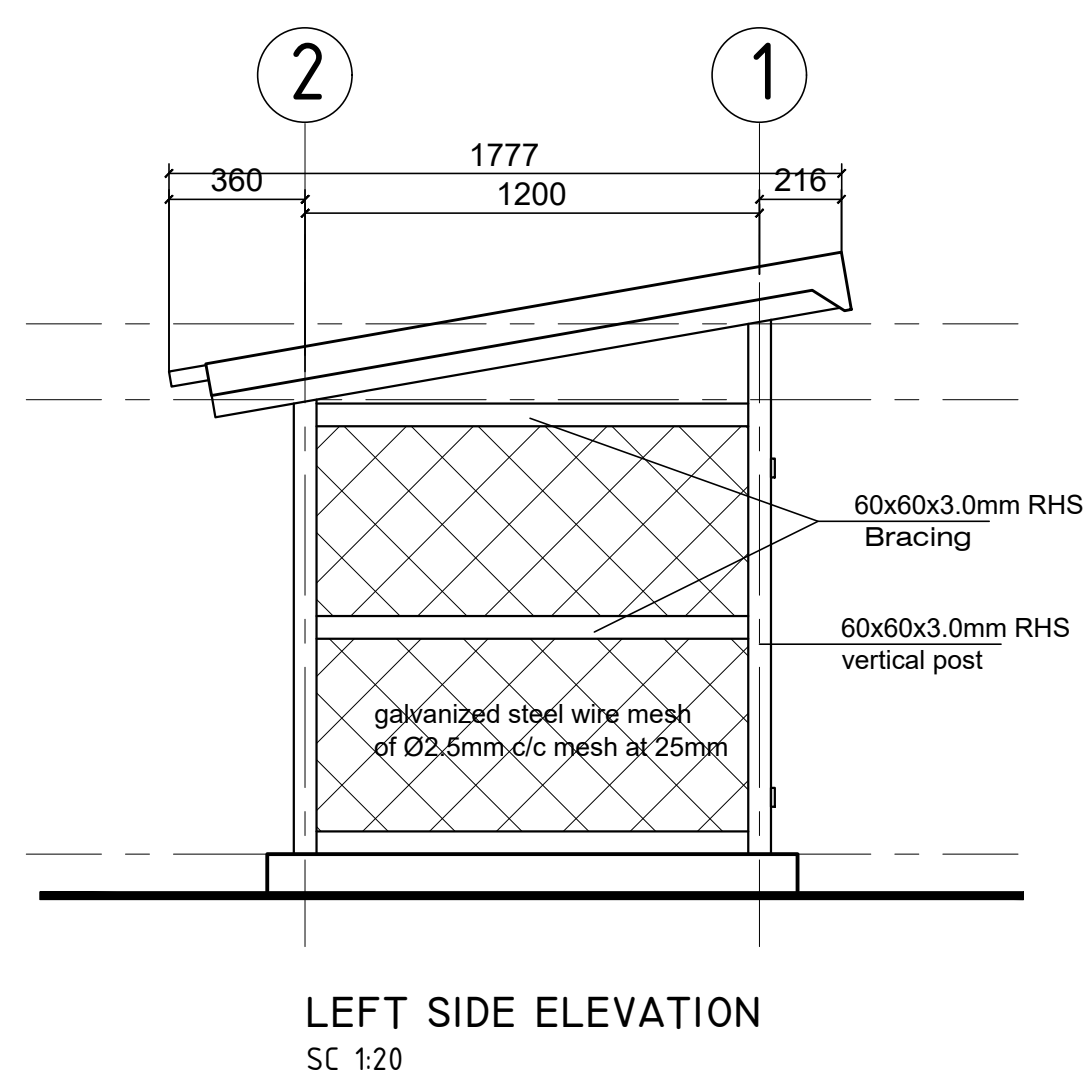
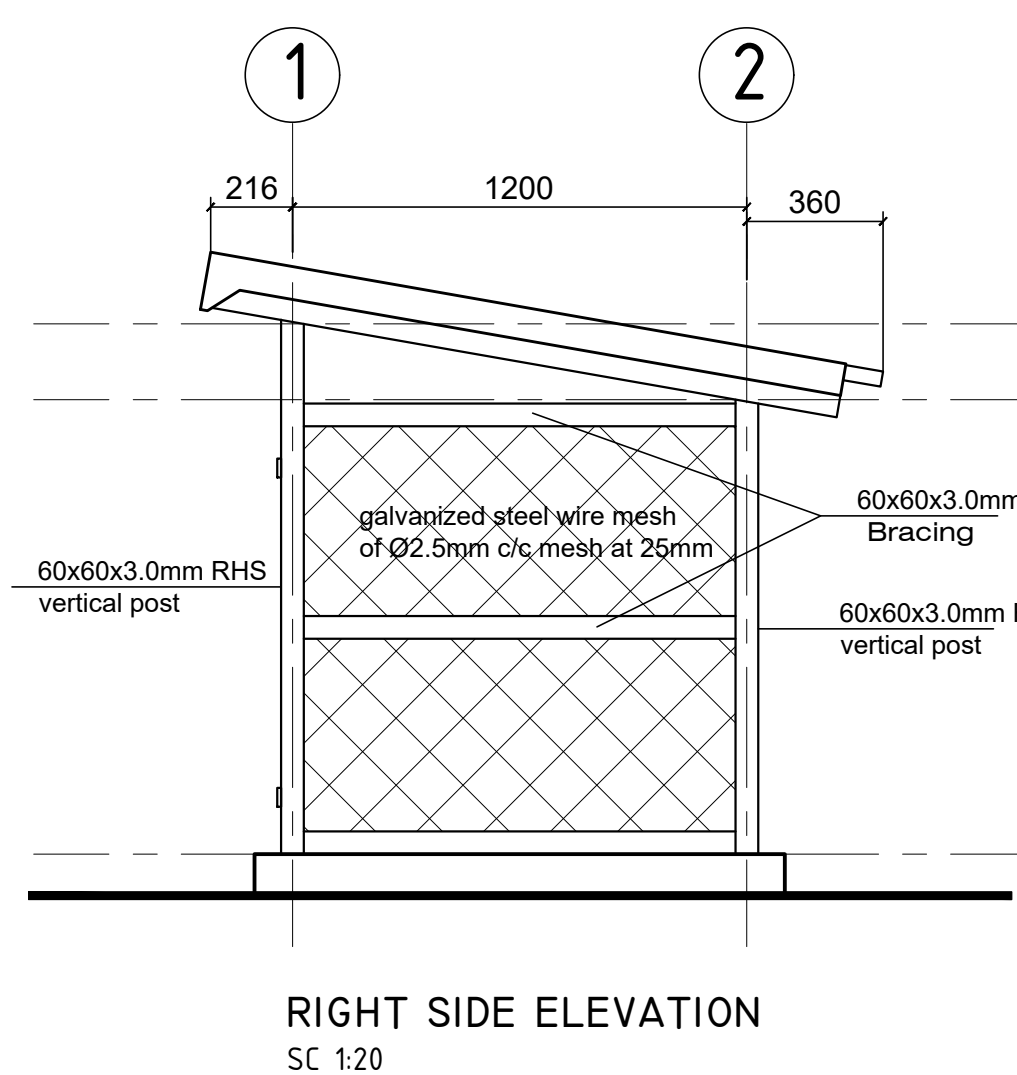
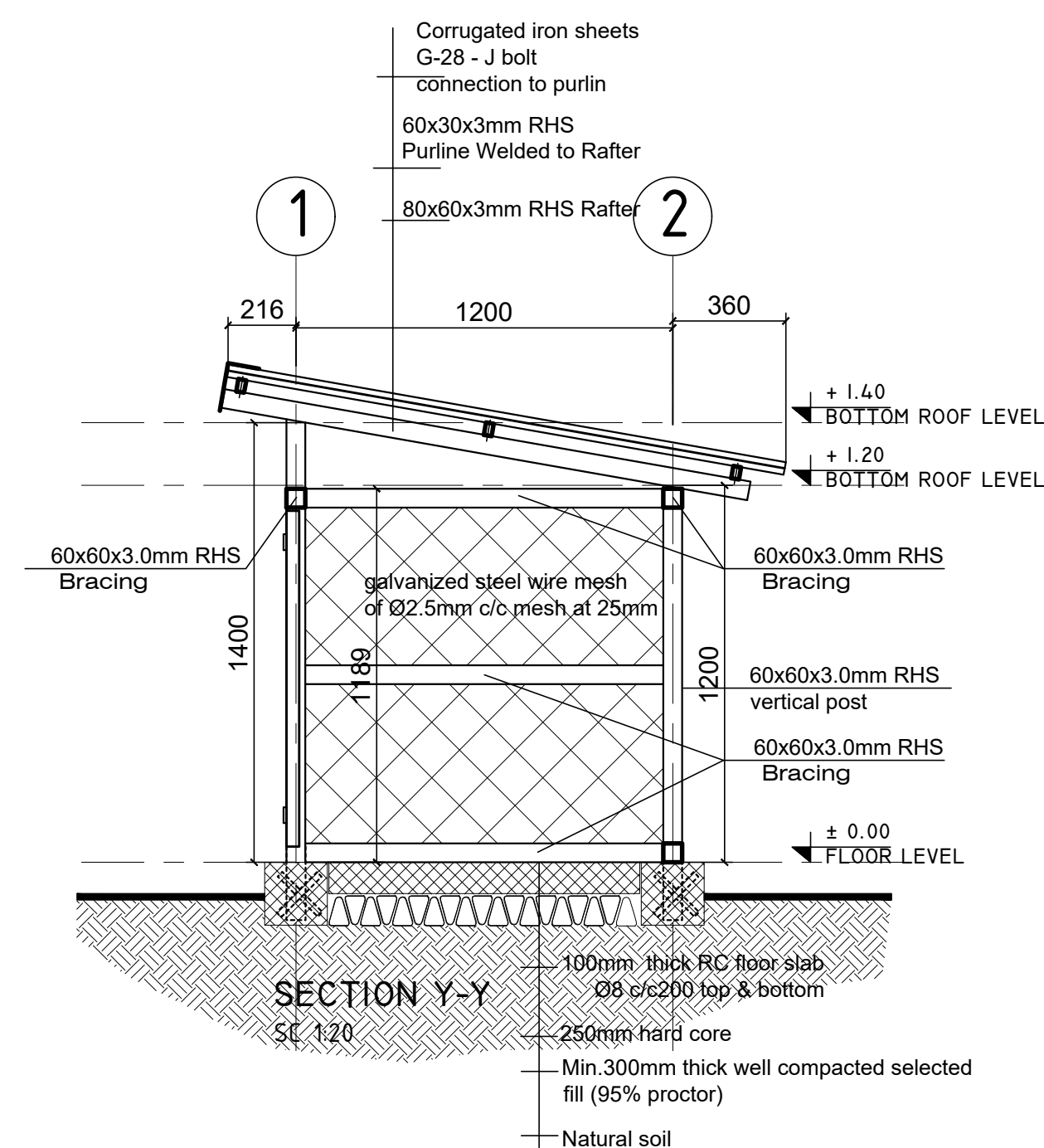
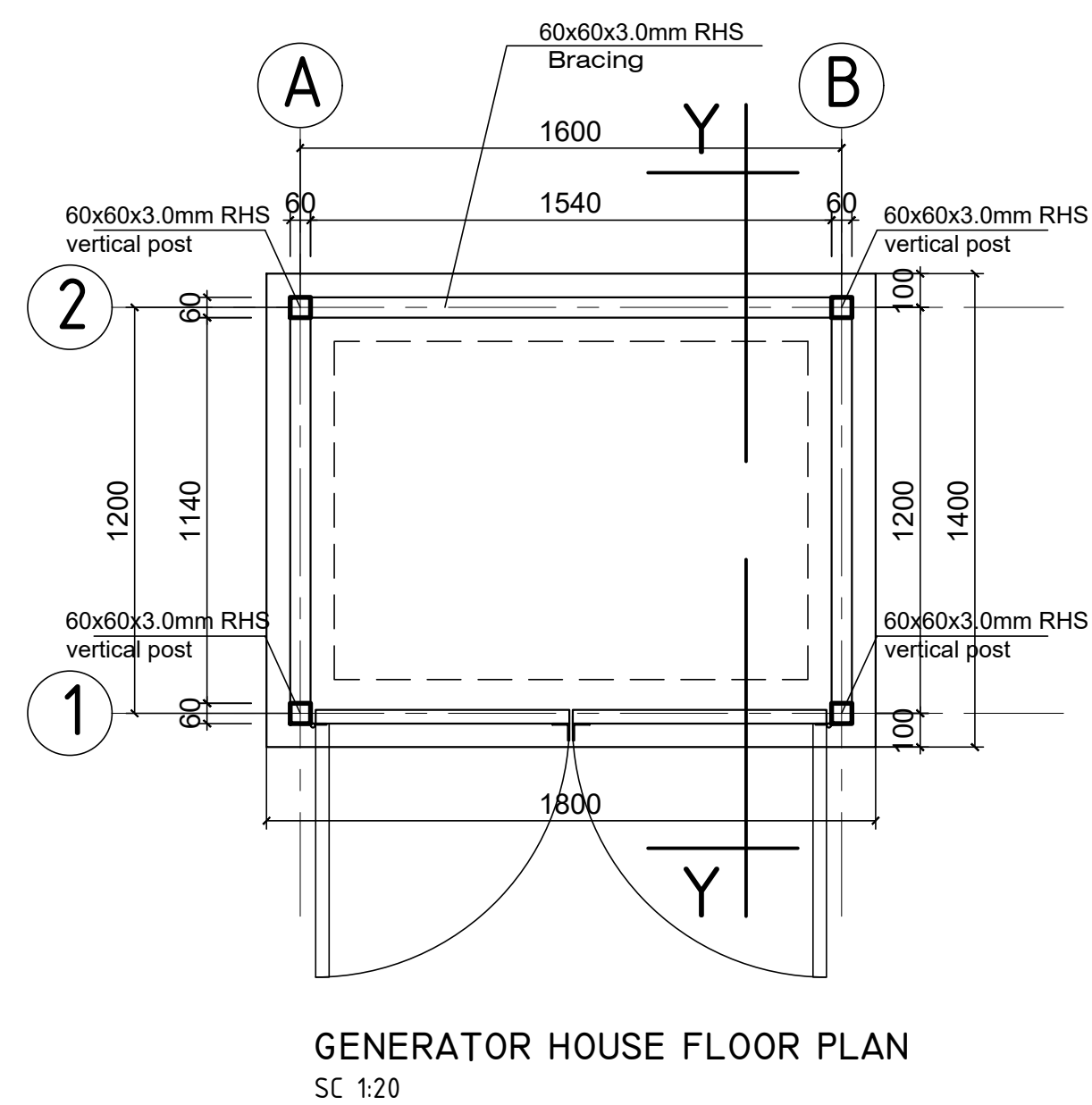
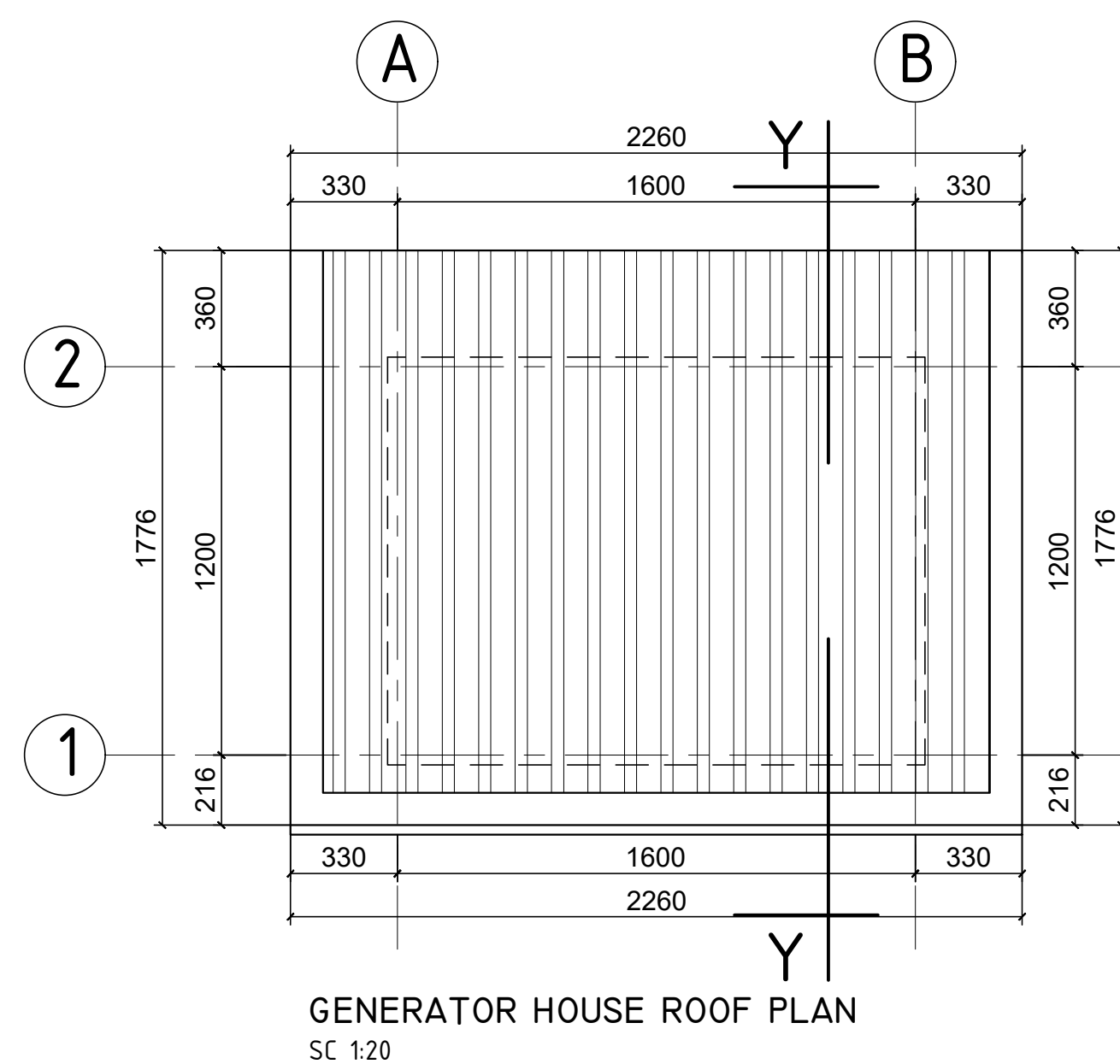
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<p>Program: Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model</p>		<p>Implemented By: UNOPS , ETHIOPIA OPERATIONAL HUB</p>	
<p>Project Name: Jewi Oss Center</p>		<p>Design: UNOPS ,ETHIOPIA OPERATIONAL HUB</p>	
			

GATE and FENCE DETAILS

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GENERAL NOTES:

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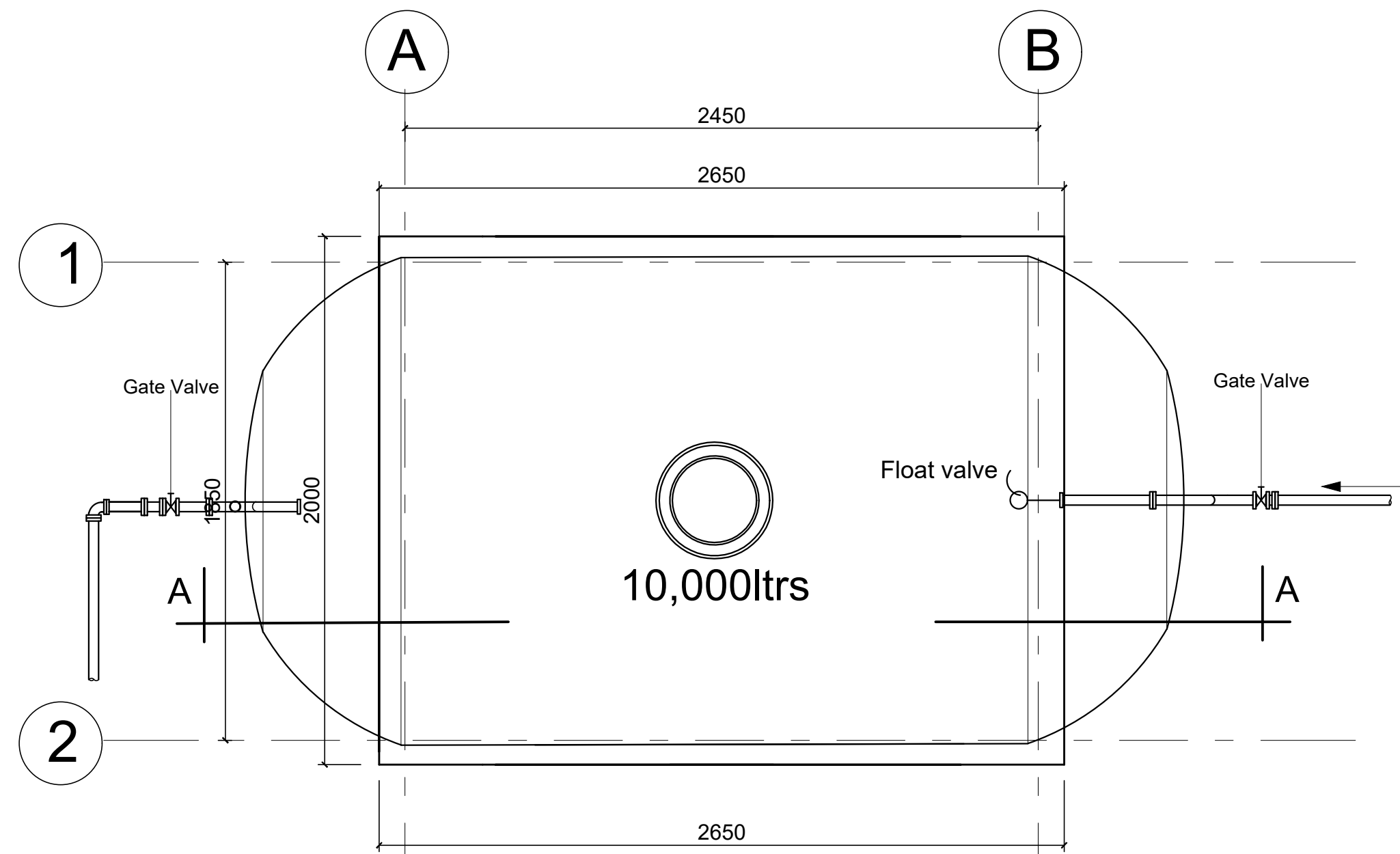
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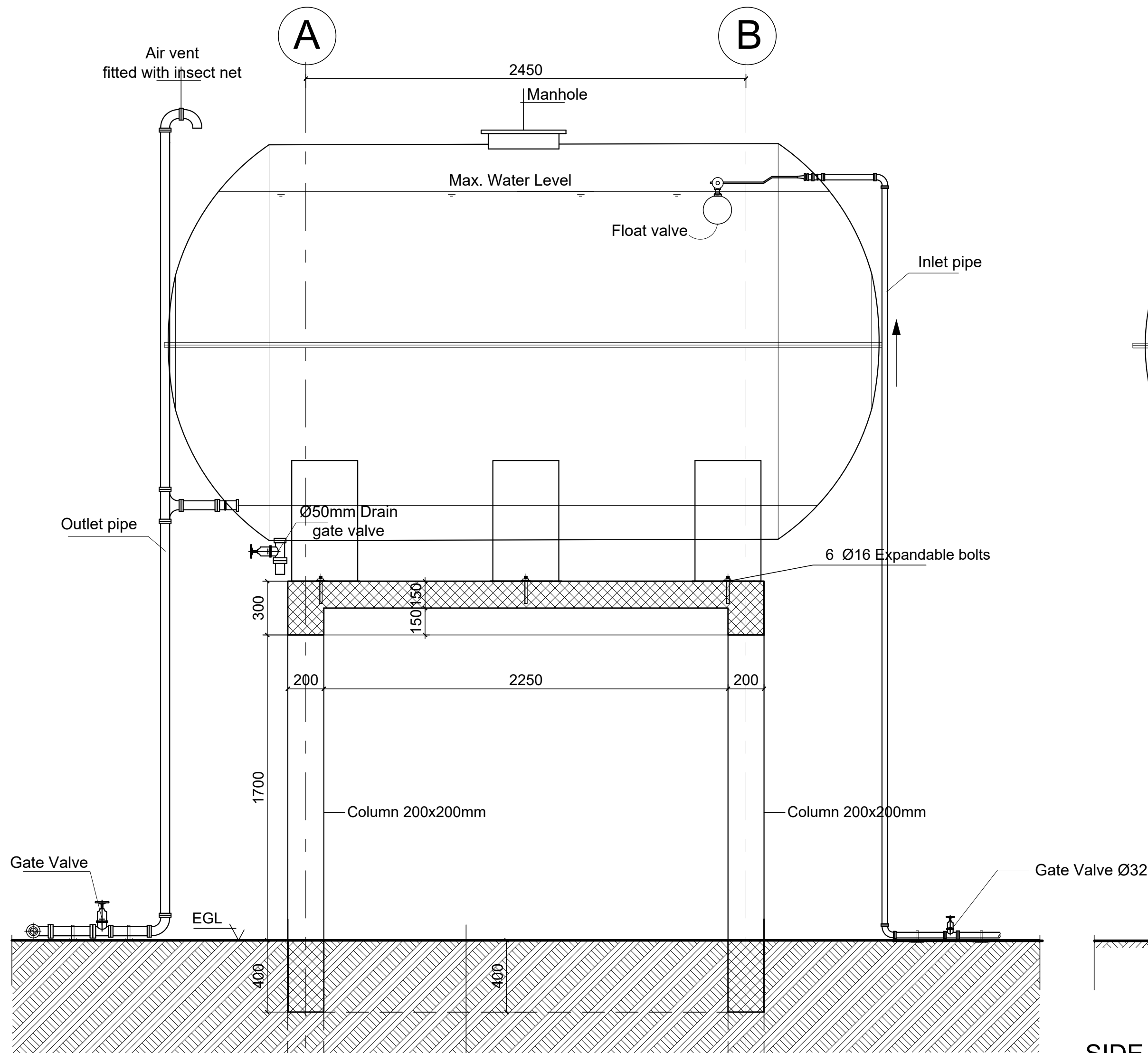
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Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS , ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS , ETHIOPIA OPERATIONAL HUB
	 UNOPS

GENERATOR HOUSE

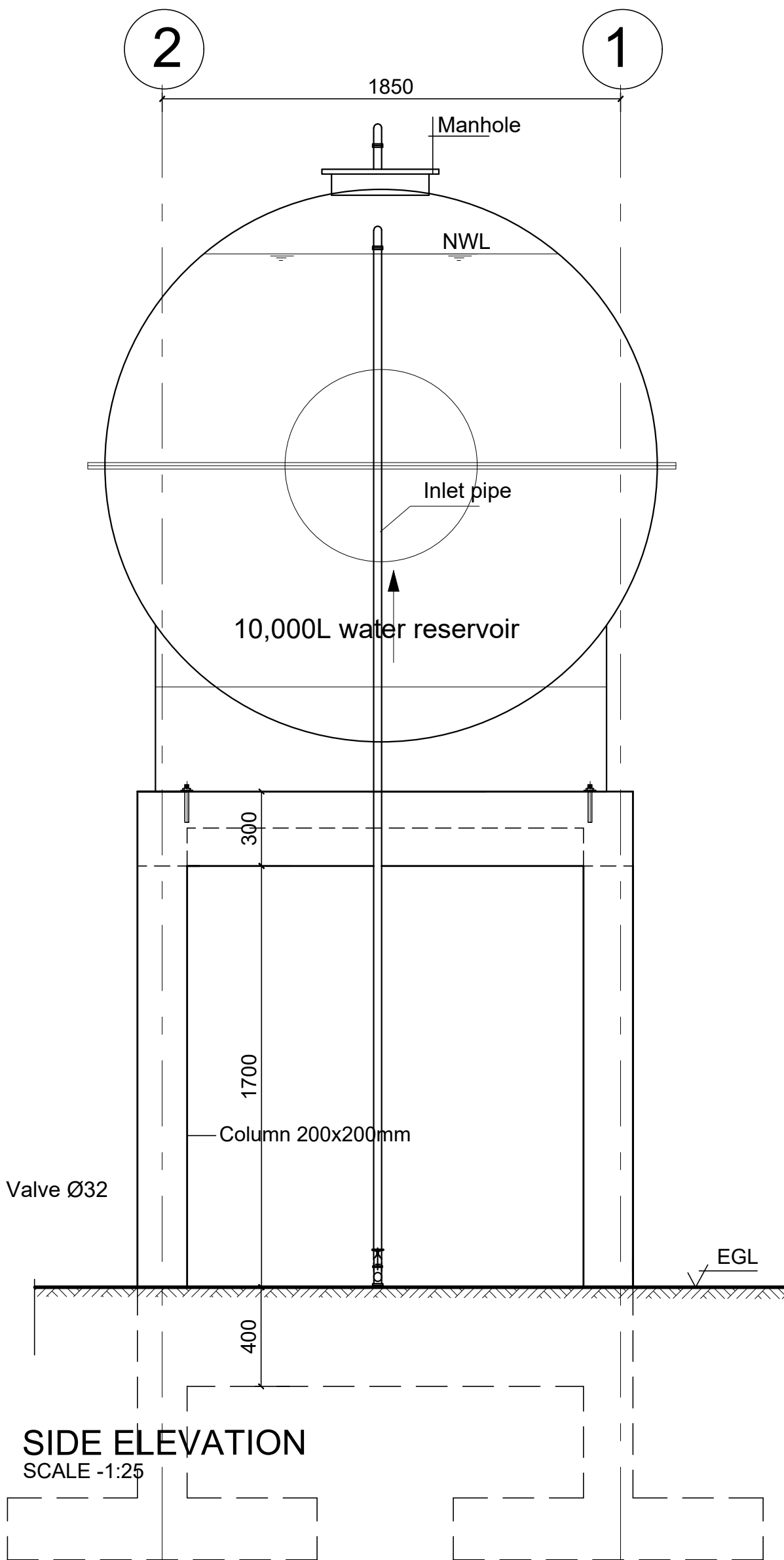
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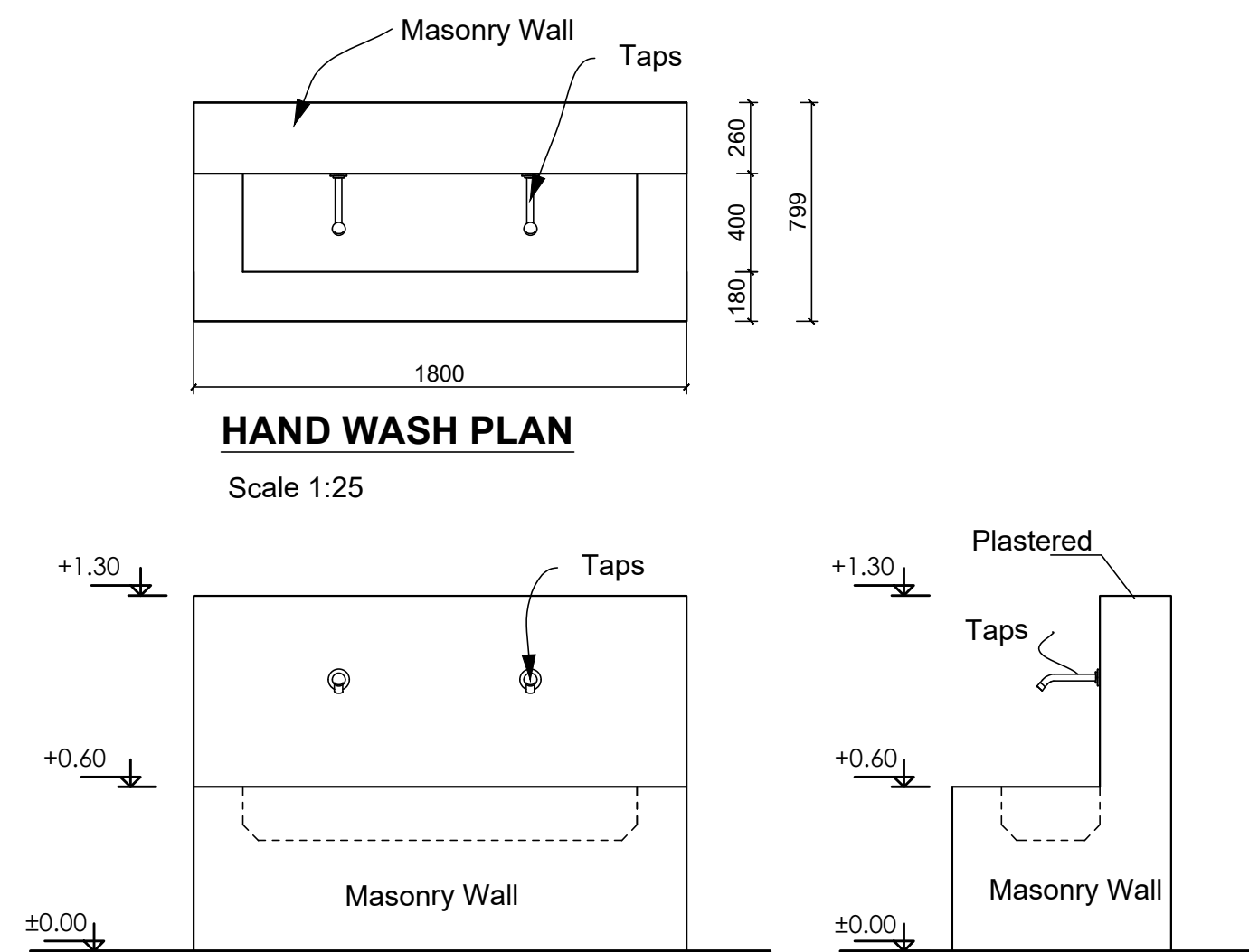
WATER RESERVOIR PLAN
SCALE -1:25



WATER TANK ELEVATION
SCALE -1:25

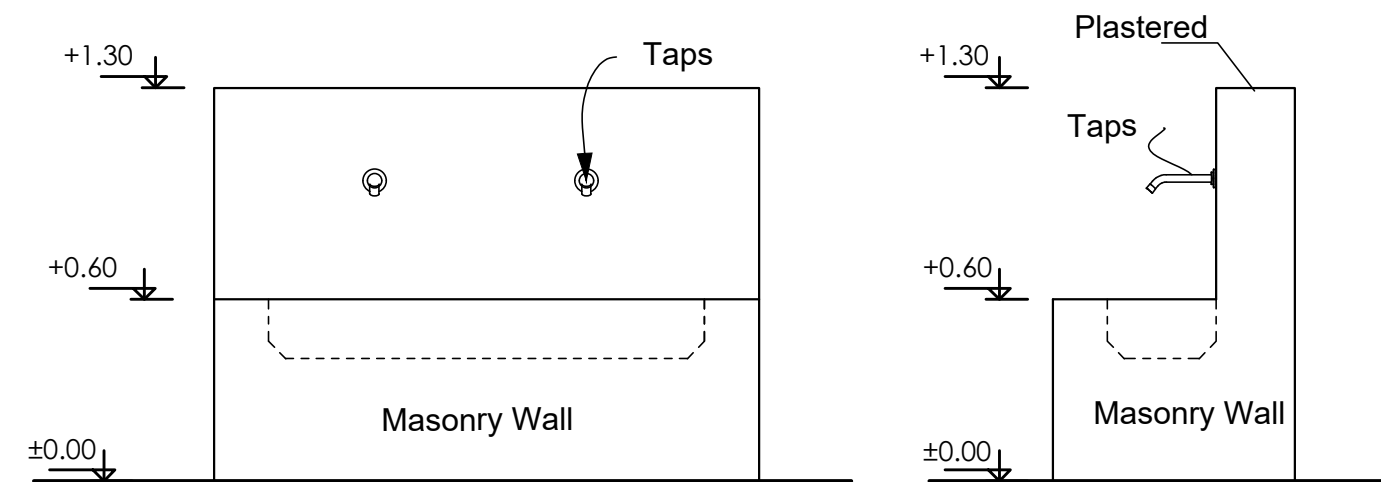


SIDE ELEVATION
SCALE -1:25



HAND WASH PLAN

Scale 1:25

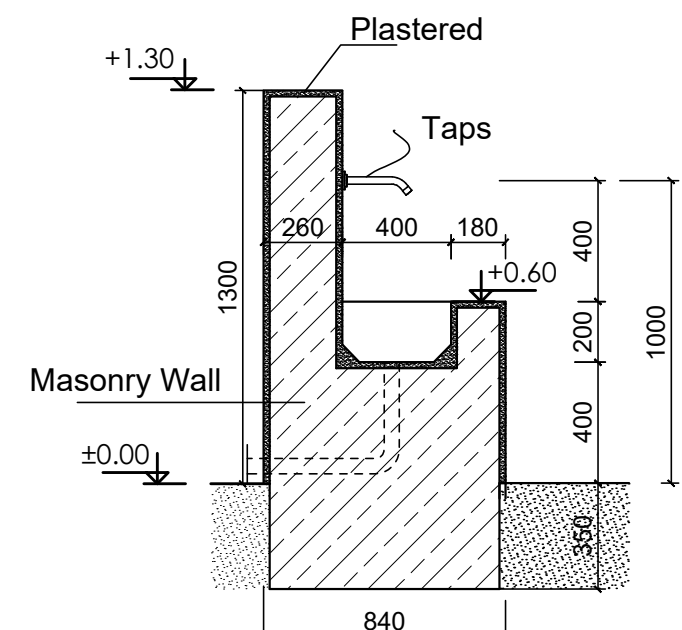


FRONT ELEVATION

Scale 1:25

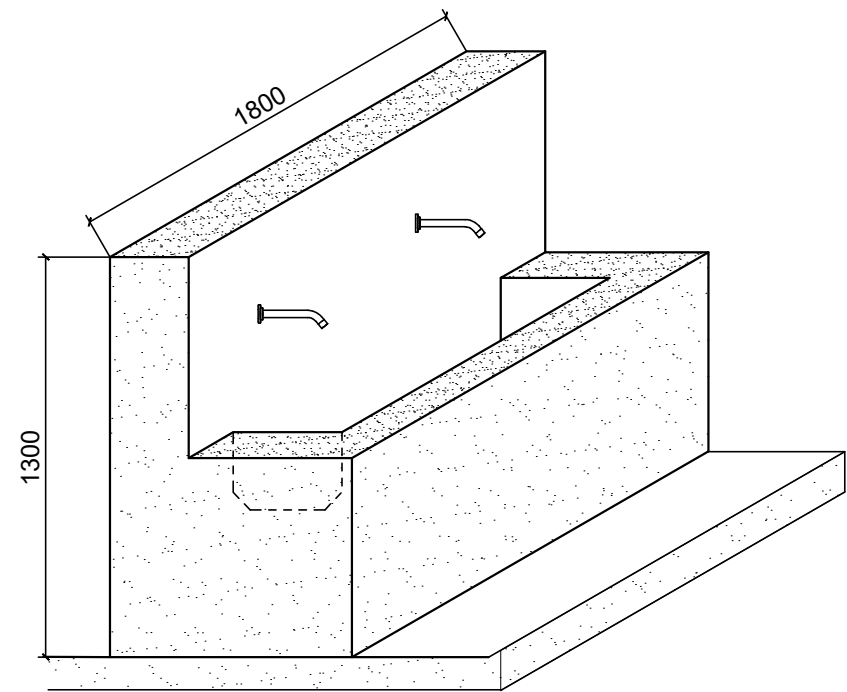
SIDE ELEVATION

Scale 1:25



HWT DETAIL

Scale 1:25



HAND WASH TROUGH (HWT) PERSPECTIVE VIEW

Scale 1:25

GENERAL NOTES:

K - WATER RESERVOIR

KEY PLAN

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Funded By:	United Nations Higher Commission for Refugees Office for the AU (UNHCR)	Partner:	United Nations Higher Commission for Refugees Office for the AU (UNHCR)
Program:	Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	Implemented By:	UNOPS ,ETHIOPIA OPERATIONAL HUB
Project Name:	Jewi Oss Center	Design:	UNOPS ,ETHIOPIA OPERATIONAL HUB

Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
MM	AR	12	12	R0
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Date:	Rev.:			
02 / 05 /2021	0			

Structural Notes:

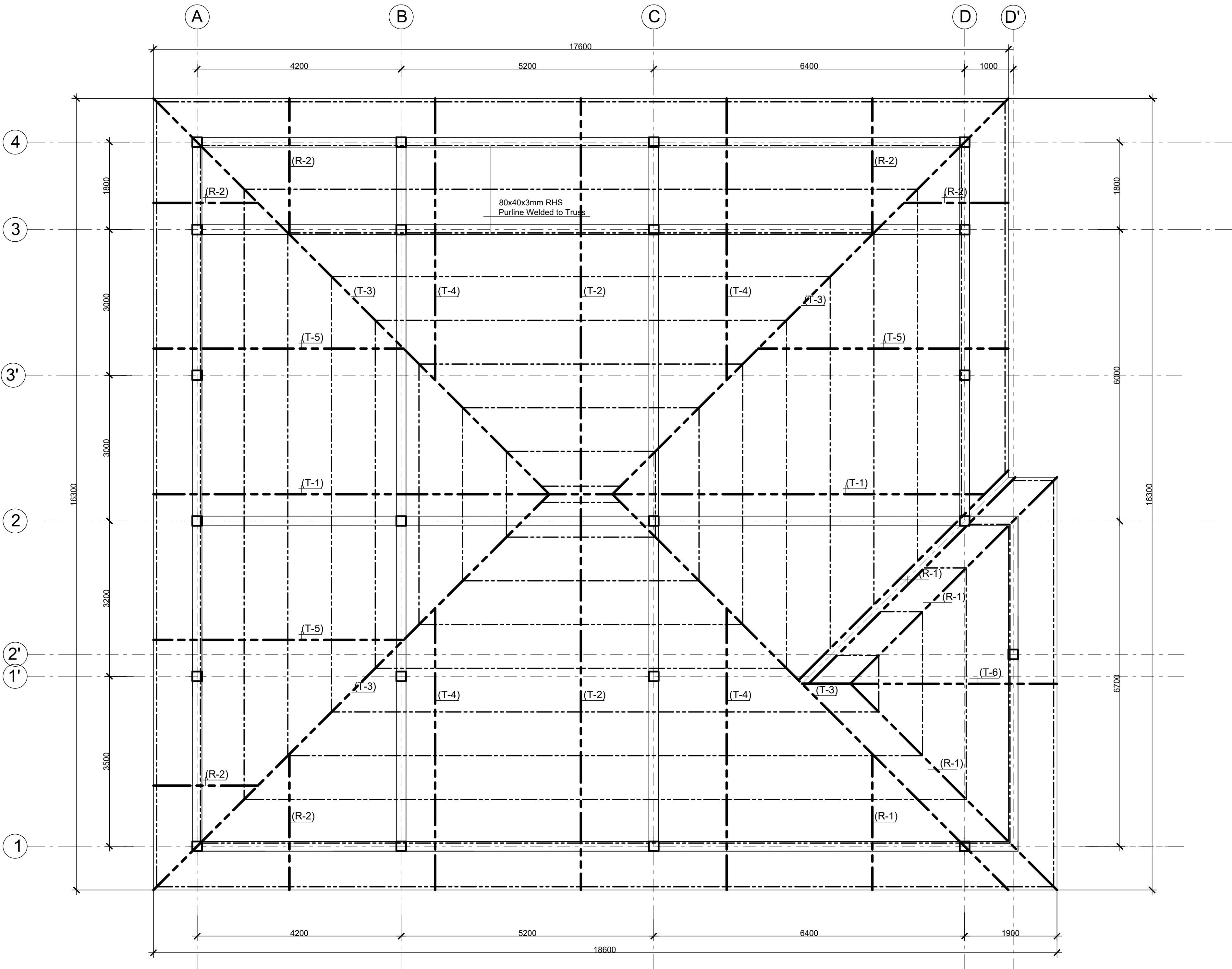
- i) Foundation shall be placed on the natural soil layer and achieve a minimum bearing capacity of 150 KN/m² . The top 300 mm soil shall be removed and replaced with well graded gravel material and compacted to the approval of the site supervisor.
- ii) Foundation excavation to be approved by the Engineer prior to the construction of the foundation.
- iii) Material Specification
 - a) Grade of Structural Concrete
 - C-25 (Cube characteristics strength of 25 MPa) for columns and beams and foundations
 - b) Concrete reinforcement bar
 - Grade 460 (Characteristics yield strength of $f_{yk} = 460$ MPa)
 - c) Steel hollow section for roofing system , verandah column and plates
 - Grade-C : Tensile Strength = 393 Mpa
Yield Strength = 313 Mpa
 - d) Grade of Bolts
 - Grade 4.6: Yield Strength = 240 Mpa
Tensile Strength = 400 Mpa
- iv) Durability Requirements
 - ❖ Concrete Cover to Reinforcement
 - Floor slabs :25mm;
 - Beams: 38mm
 - Columns; 38mm
 - All substructure (below ground level): 50mm
 - ❖ Protection of Steelwork
 - Surface preparation by blast cleaning, pickling process or where approved by wirebrushing;
 - Application of one coat of an approved pre -fabrication primer e.g. Zinc chromate;
 - Application of one coat of approved primer after fabrication;
 - Two coats of an approved paint system to be proposed by the Architect, one applied in the shop and the other applied on site after erection.
- V) Welding Requirements
 - Ensure that the welding procedure and welding properties meet or exceed the material properties of pieces of steel being joined.
 - Connection between internal steel members shall be continuous fillet weld, full size and around the corner of the joining members.
- Vi) Steel Truss manufacturing inspection, by visual examination, must cover most aspects: bending, groove preparation, alignment before and after welding, welding process, penetration, tolerances for circumference, straightness and circularity, - double sided welds, heat treatment, small diameter welds around the nozzles, detecting of undercut, excessive convexity, distortions, etc. Defects acceptance criteria shall be in accordance with ES ISO 5817:2014
- Vii) Protection of soil from collapsing :
 - The contractor shall secure side walls from collapse during excavation of depth exceeding of 1.0m. It shall provide steel struts and/or steel panels properly secured and well anchored in the firm soil to provide lateral stability . the techniques and methodology to be provided to the site supervisor's approval.
- Viii) Construction joint for concrete :
 - Whenever concrete casting is discontinued, a wrinkled concrete joint, moistened just before the next concrete, which will have to be provided to ensure continuity.
 - Construction joints shall get prior approval by the site supervisor.

GENERAL NOTES:

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Rev.:	Date:	Description:		Approved

KEY PLAN

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Funded By:		Partner:					
United Nations Higher Commission for Refugees Office for the AU (UNHCR)				United Nations Higher Commission for Refugees Office for the AU (UNHCR)			
Program:				Implemented By:			
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model				UNOPS ETHIOPIA OPERATIONAL HUB			
Project Name:				Design:			
Jewi Oss Center				UNOPS ETHIOPIA OPERATIONAL HUB			
Drawing Title:							
Structural Notes							
Designed by		Discipline:	Dr. No:	Tot. No:	Rev. No:		
AE		ST	01	10	R0		
Drawn:	Checked:	Approved:	Size:	Scale:	Date:	Rev.:	
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ROOF BEAM AND TRUSS LAYOUT
SCALE 1:50

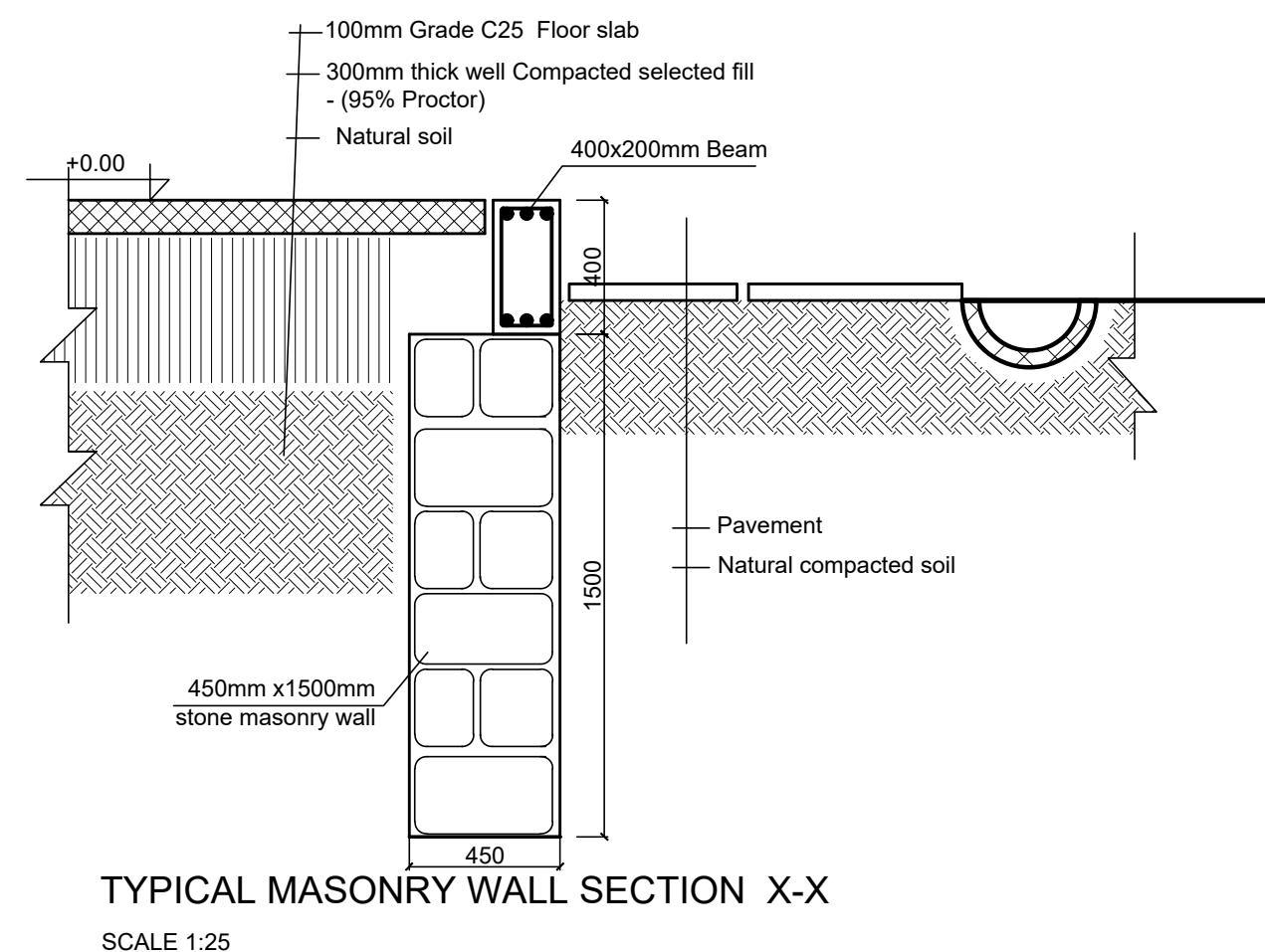
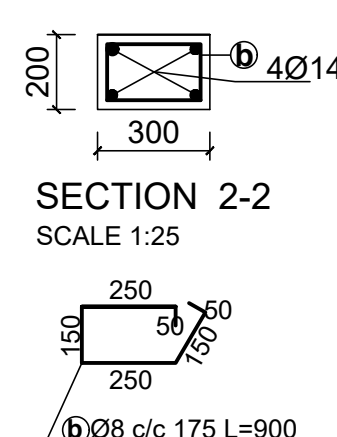
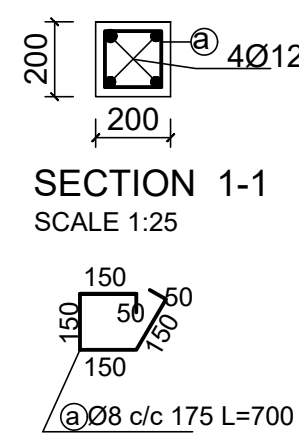
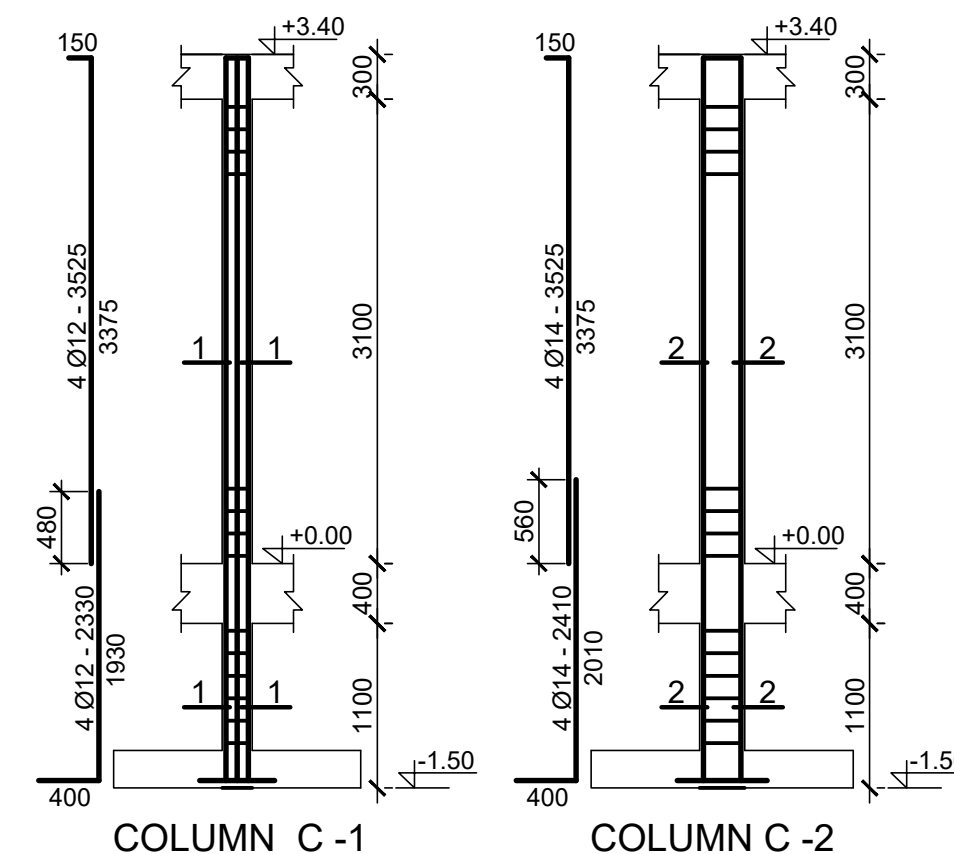
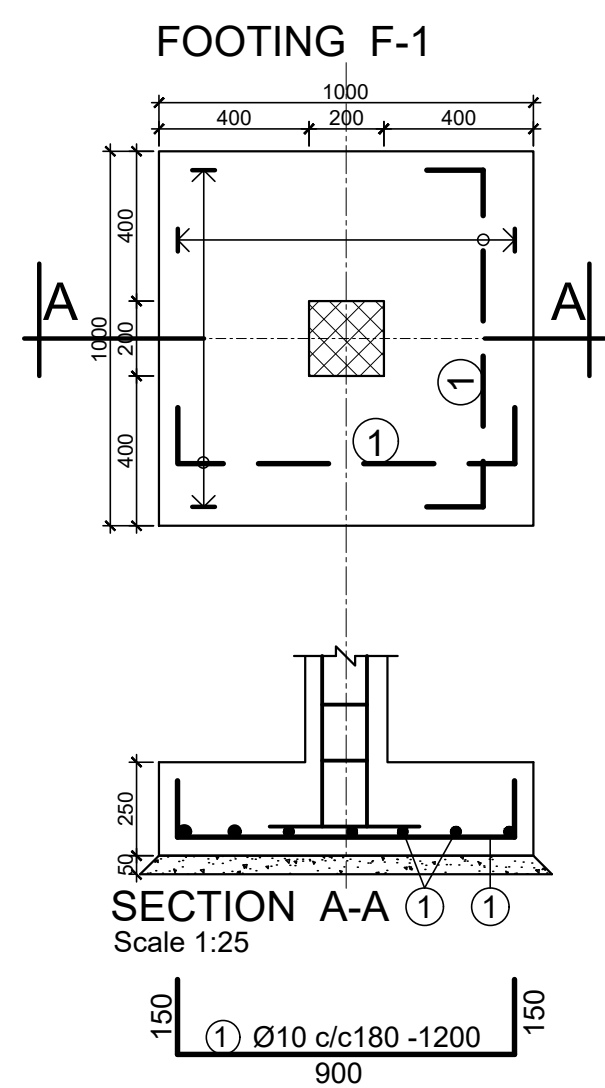
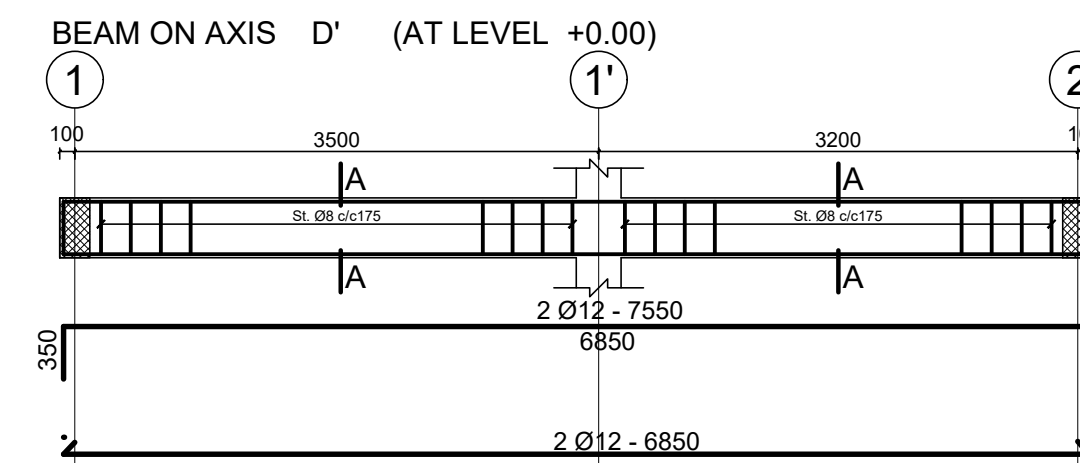
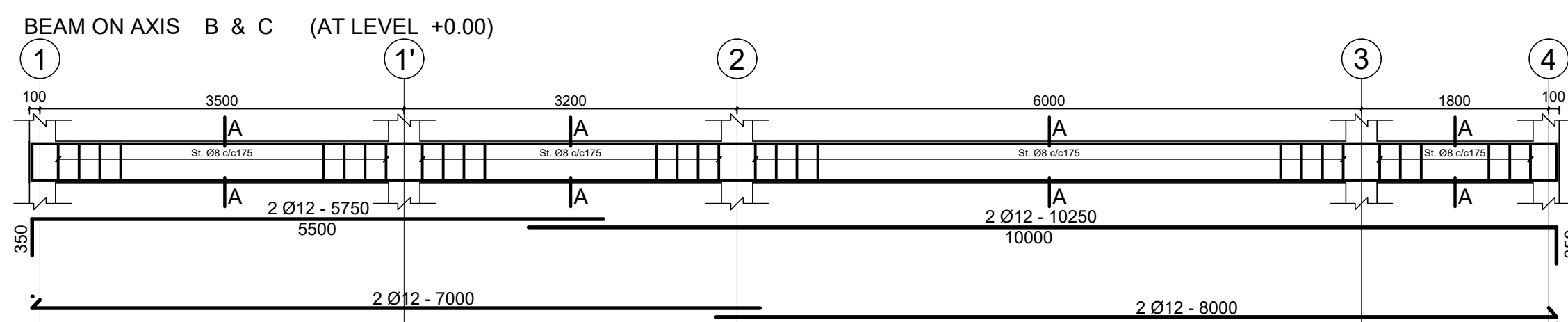
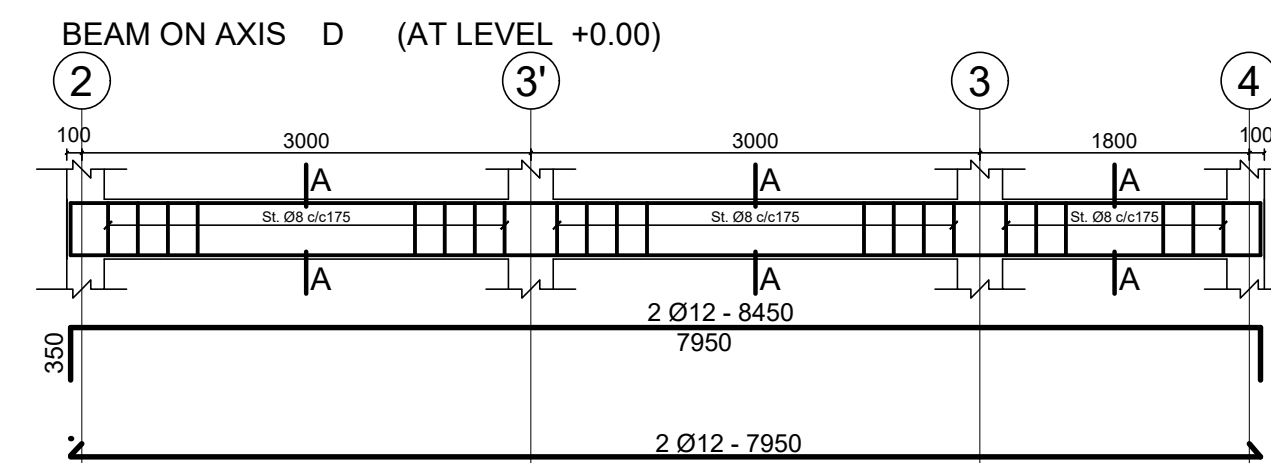
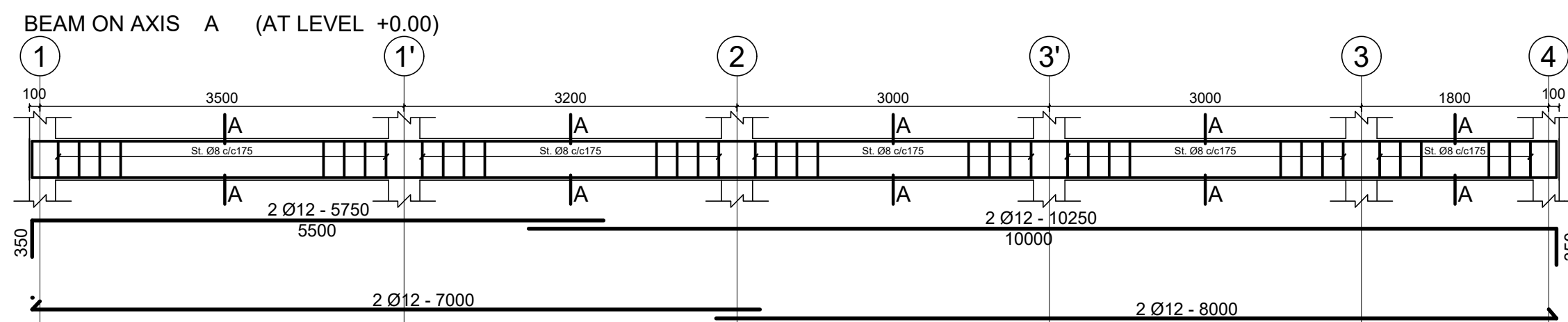
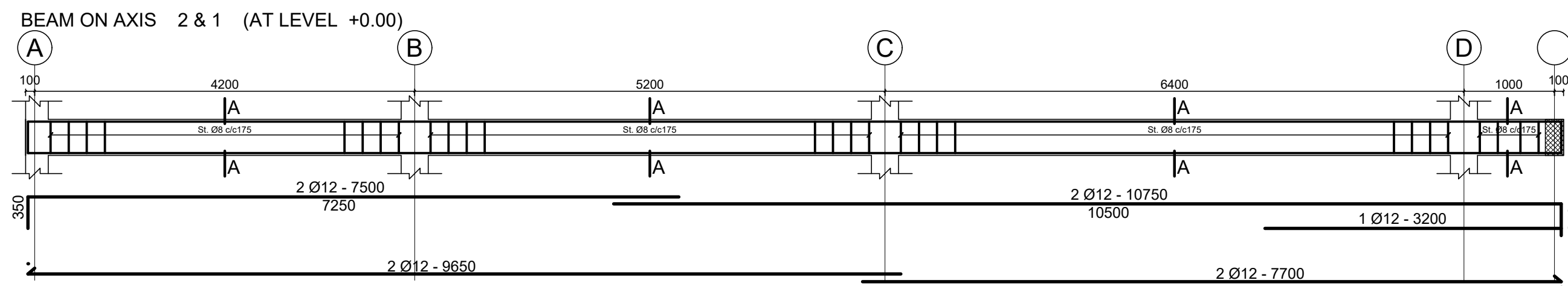
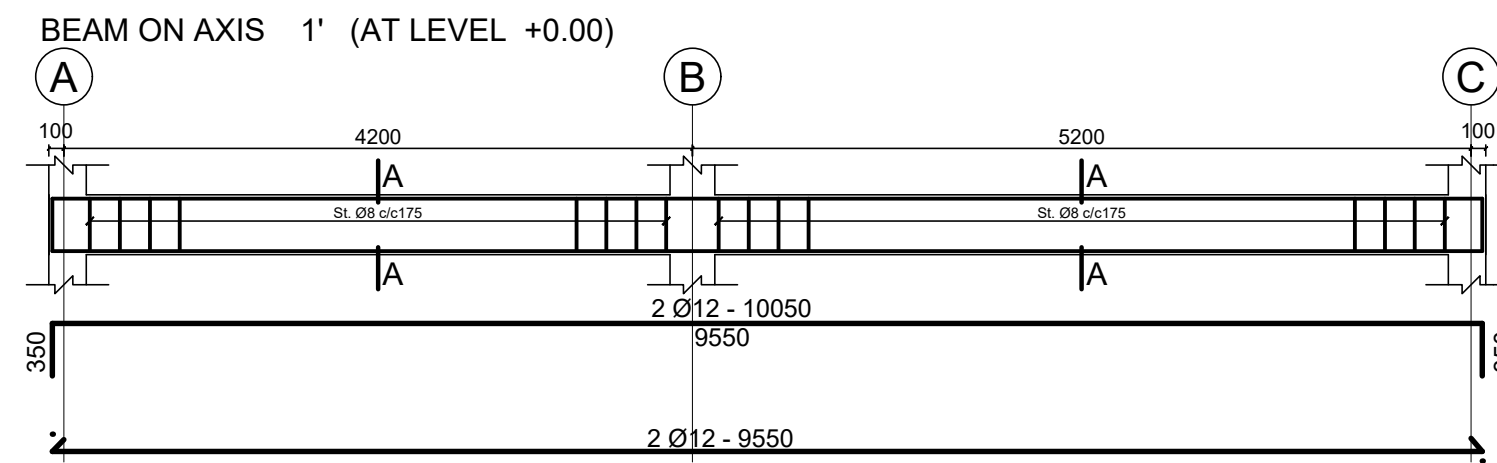
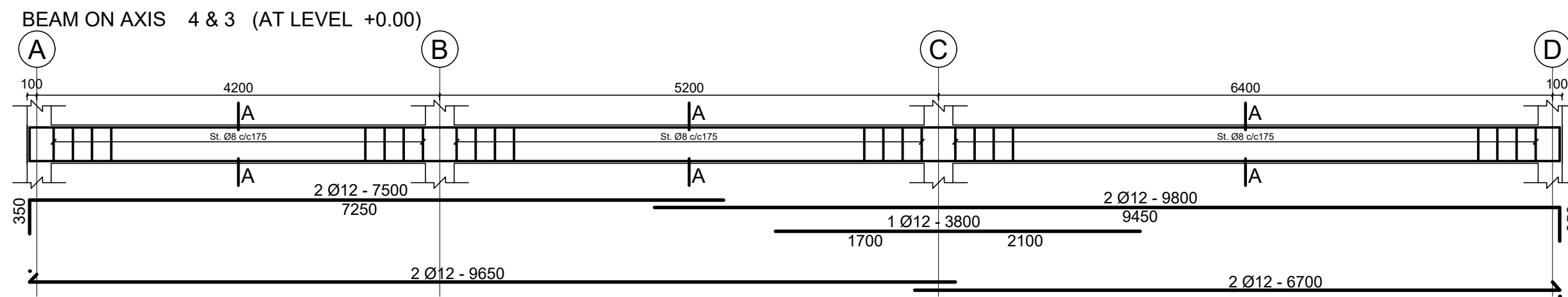
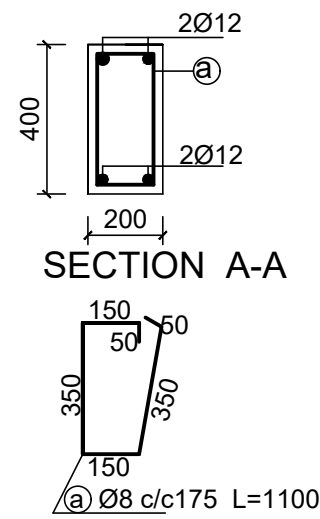
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Rev.:	Date:	Description:	Approved	

KEY PLAN

Funded By: United Nations Higher Commission for Refugees Office for the AU (UNHCR)		Partner: United Nations Higher Commission for Refugees Office for the AU (UNHCR)	
Program: Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model		Implemented By: UNOPS ETHIOPIA OPERATIONAL HUB	
Project Name: Jewi Oss Center		Design: UNOPS ETHIOPIA OPERATIONAL HUB	

Drawing Title: ROOF BEAM AND TRUSS LAYOUT				
Designed by AE	Discipline: ST	Dr. No: 03	Tot. No: 10	Rev No: R0
Drawn: FM	Checked: AE	Approved: BM	Size: A1	Scale: 1:50
			Date: 02 / 05 /2021	Rev.: 0



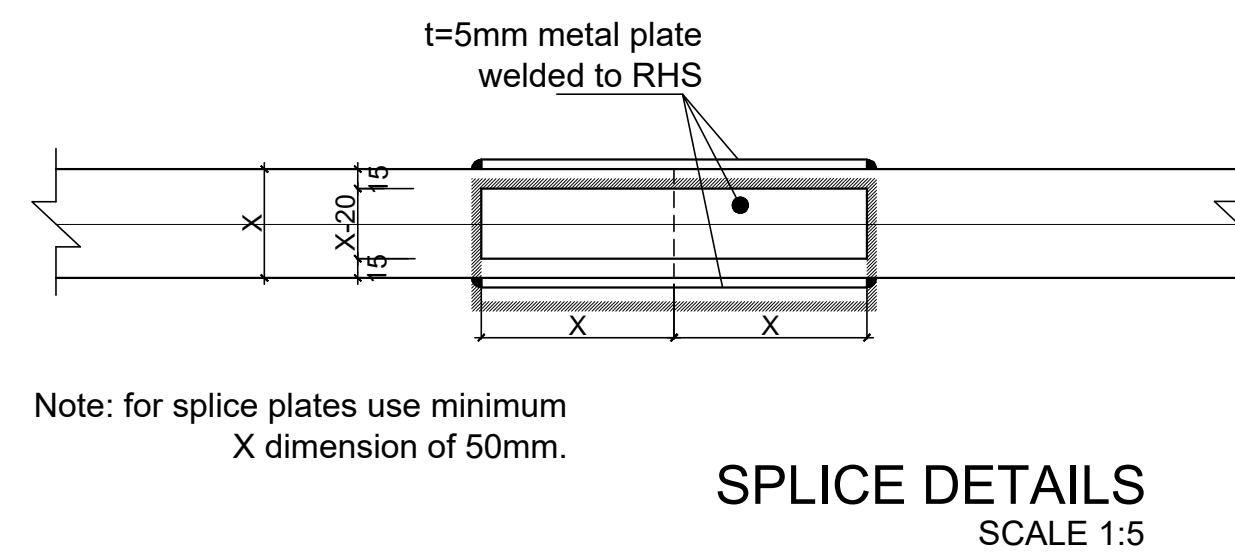
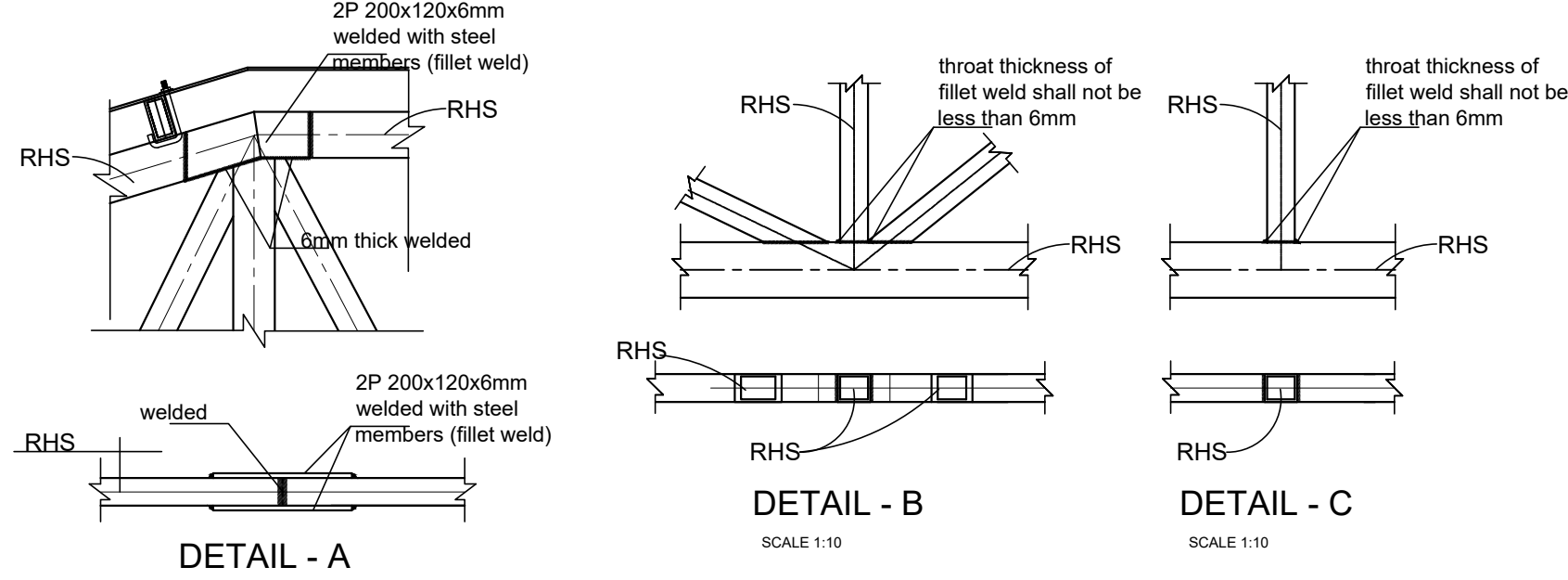
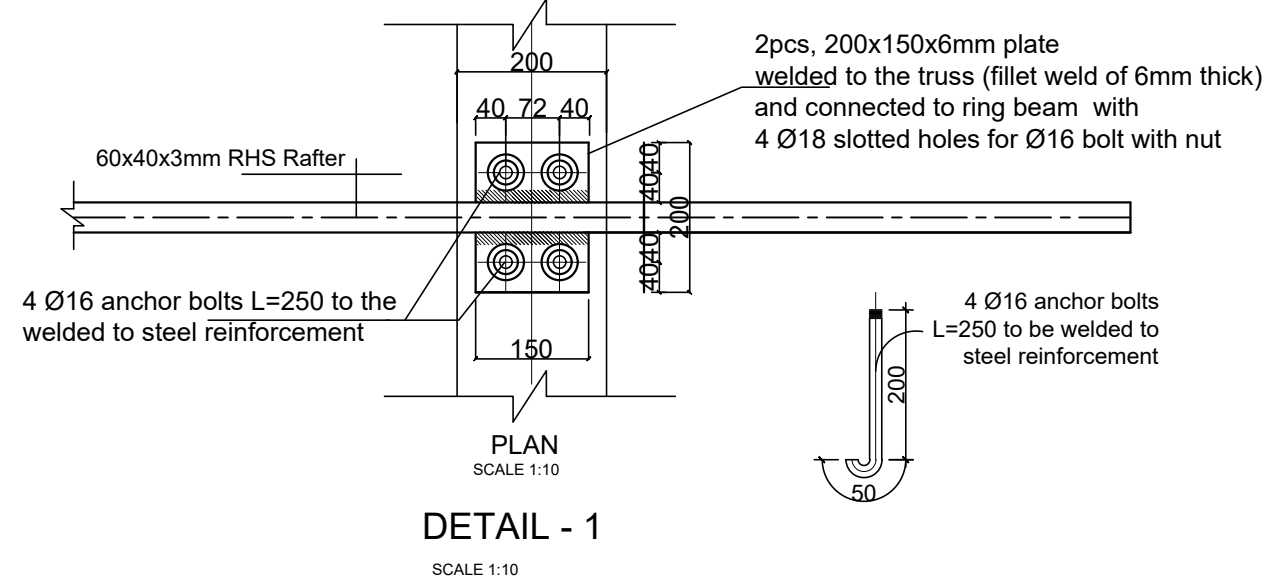
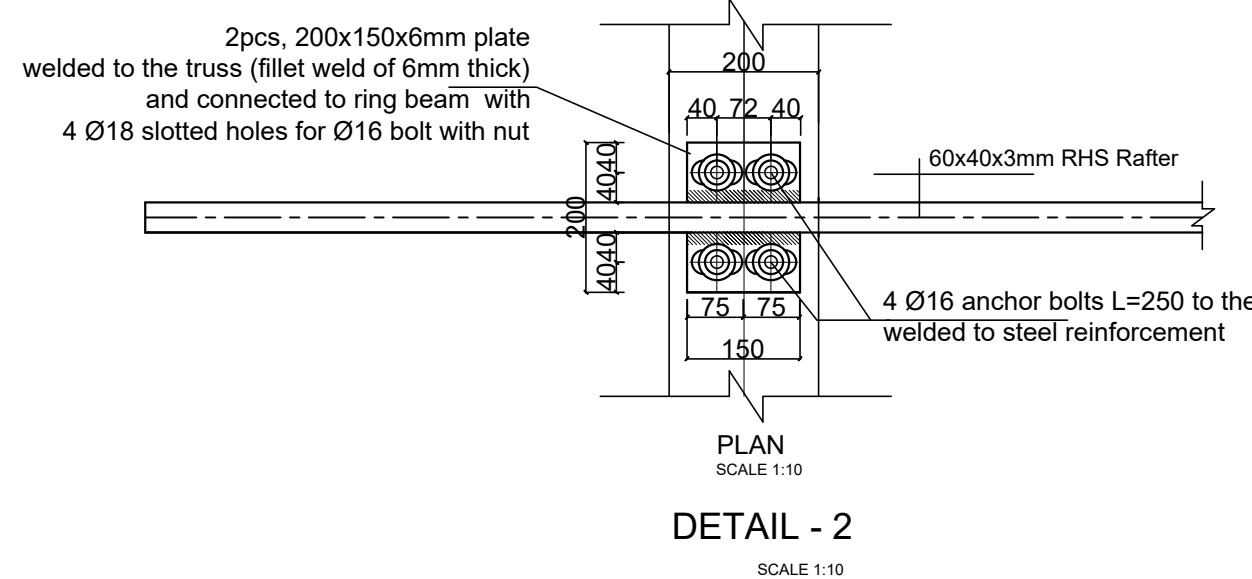
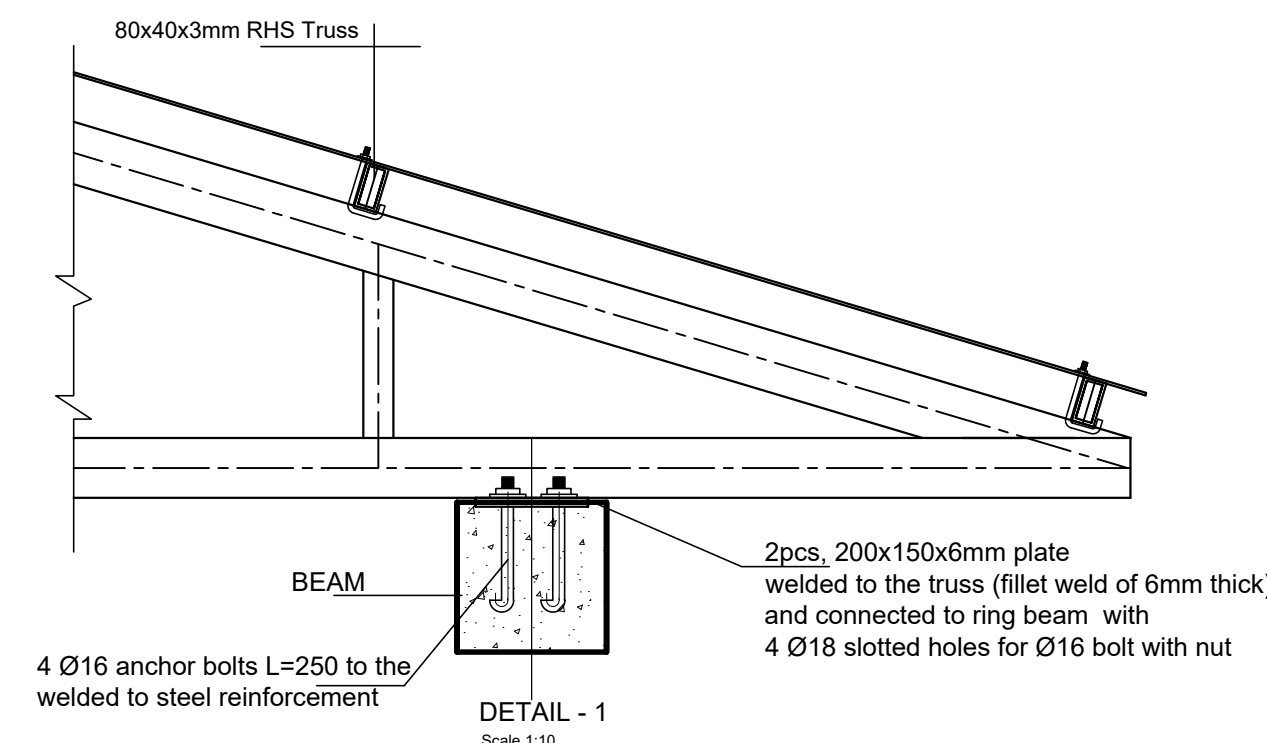
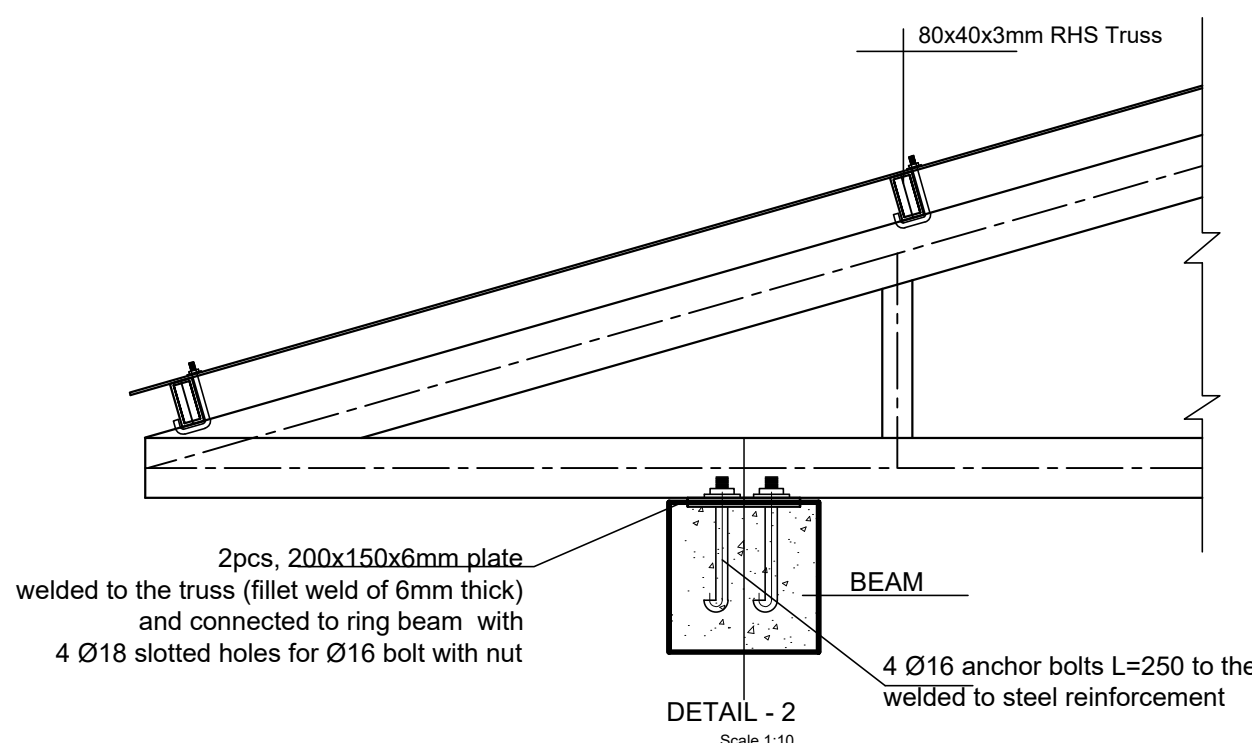
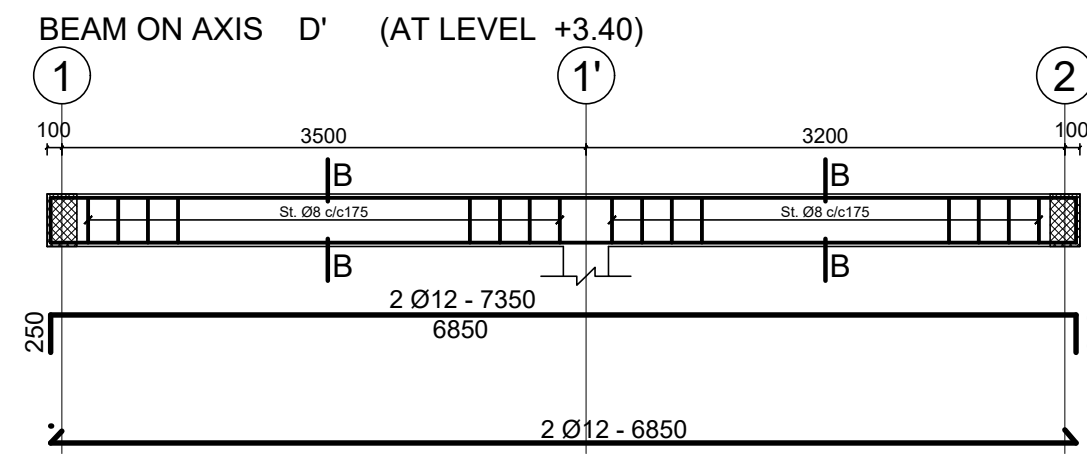
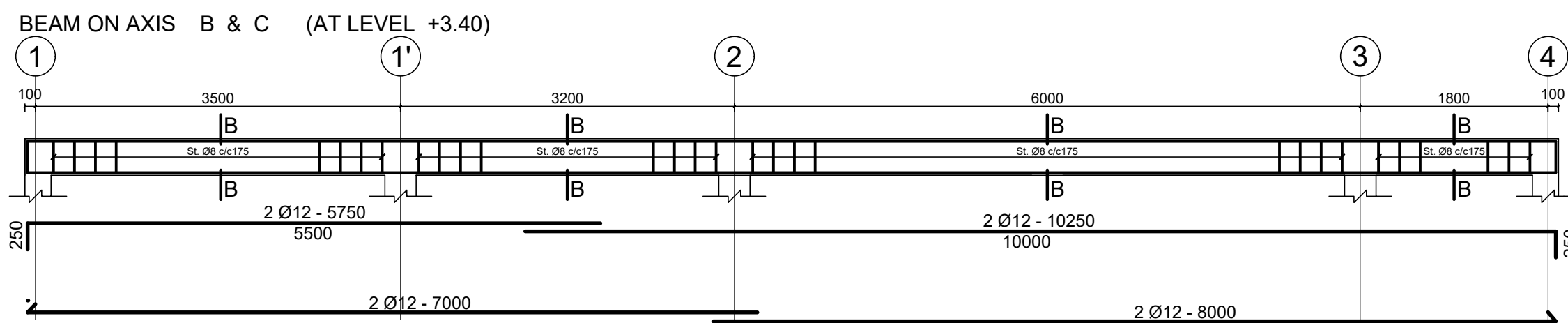
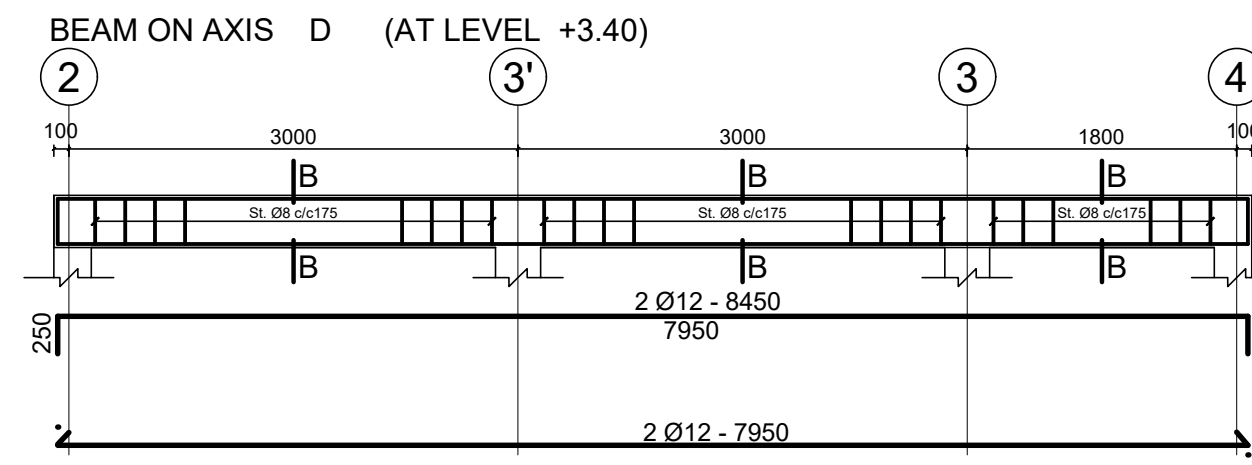
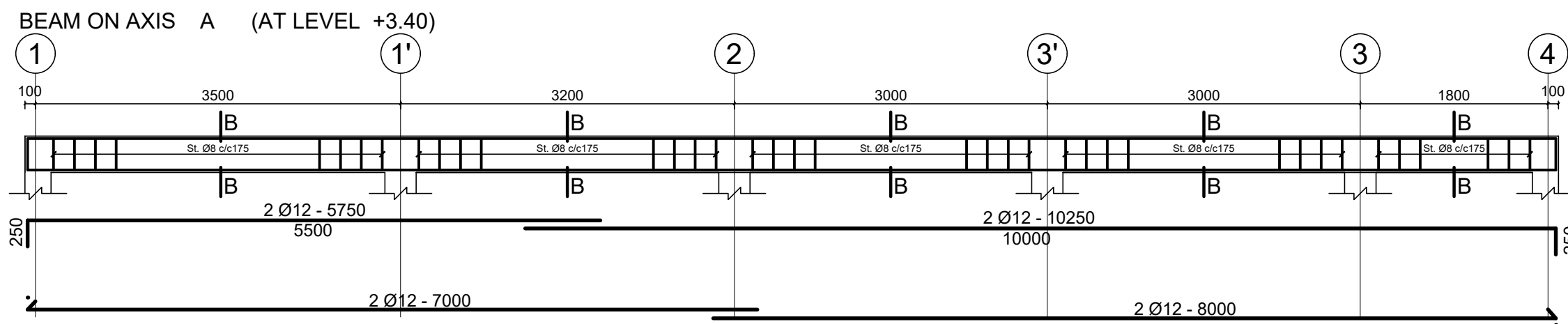
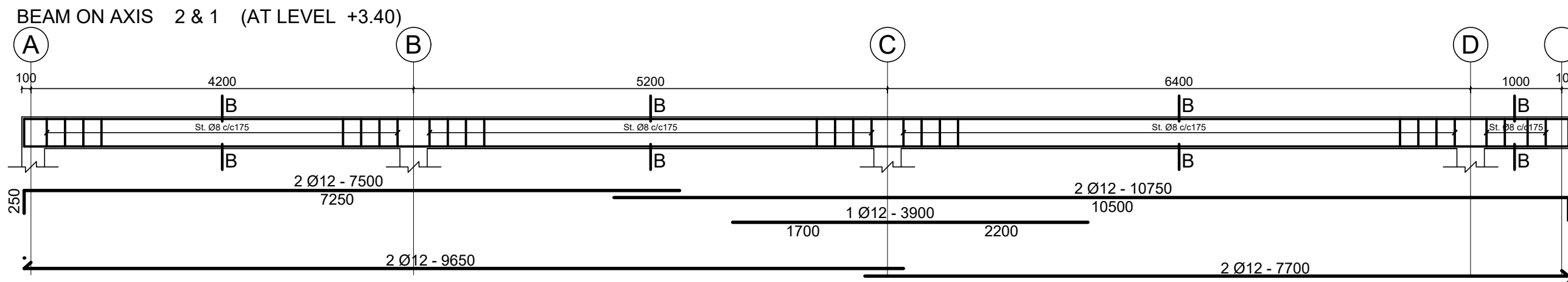
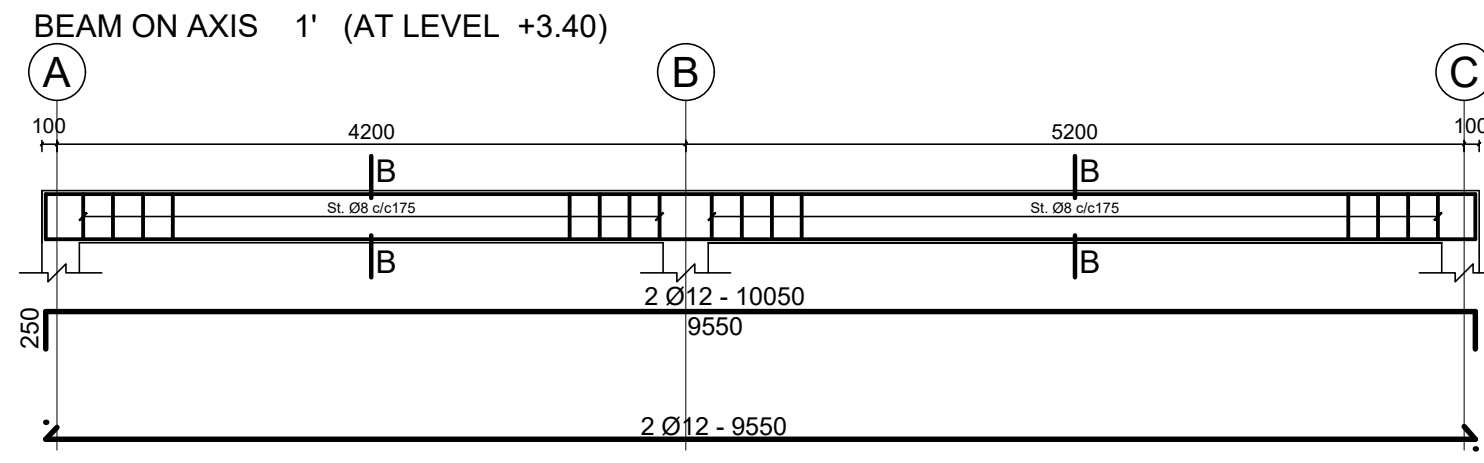
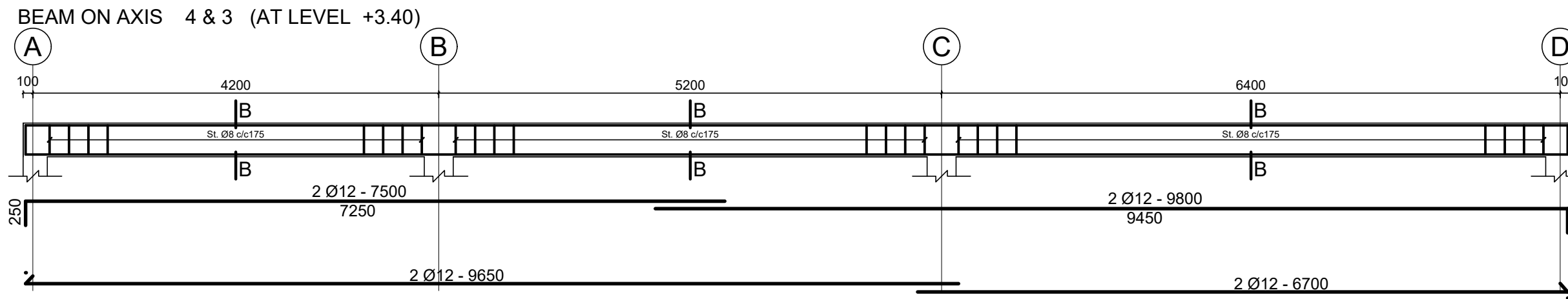
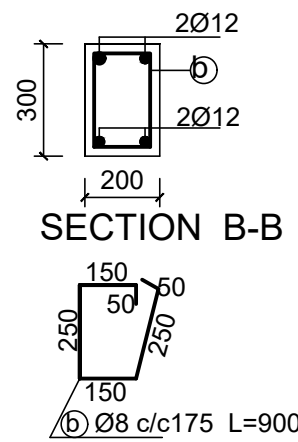
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KEY PLAN

Funded By:	Partner:
United Nations Higher Commission for Refugees Office for the AU (UNHCR)	United Nations Higher Commission for Refugees Office for the AU (UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB

Designed by:	Discipline:	Dr. No:	Tot. No:	Rev No:
AE	ST	04	10	R0
Drawn:	Checked:	Approved:	Size:	Scale:
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Date:	02 / 05 / 2021	Rev.:	0	



GENERAL NOTES:

Rev.:	Date:	Description:	Approved
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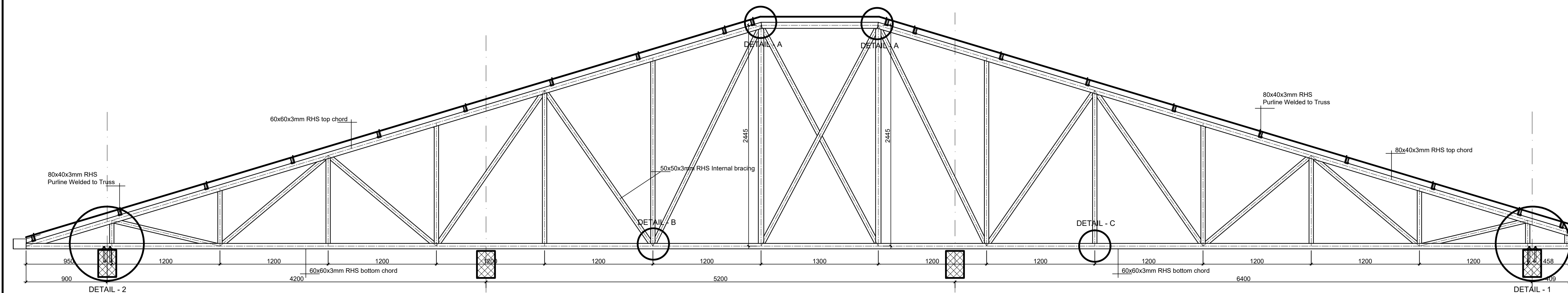
KEY PLAN

Funded By:	Partner:
United Nations Higher Commission for Refugees Office for the AU (UNHCR)	United Nations Higher Commission for Refugees Office for the AU (UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB

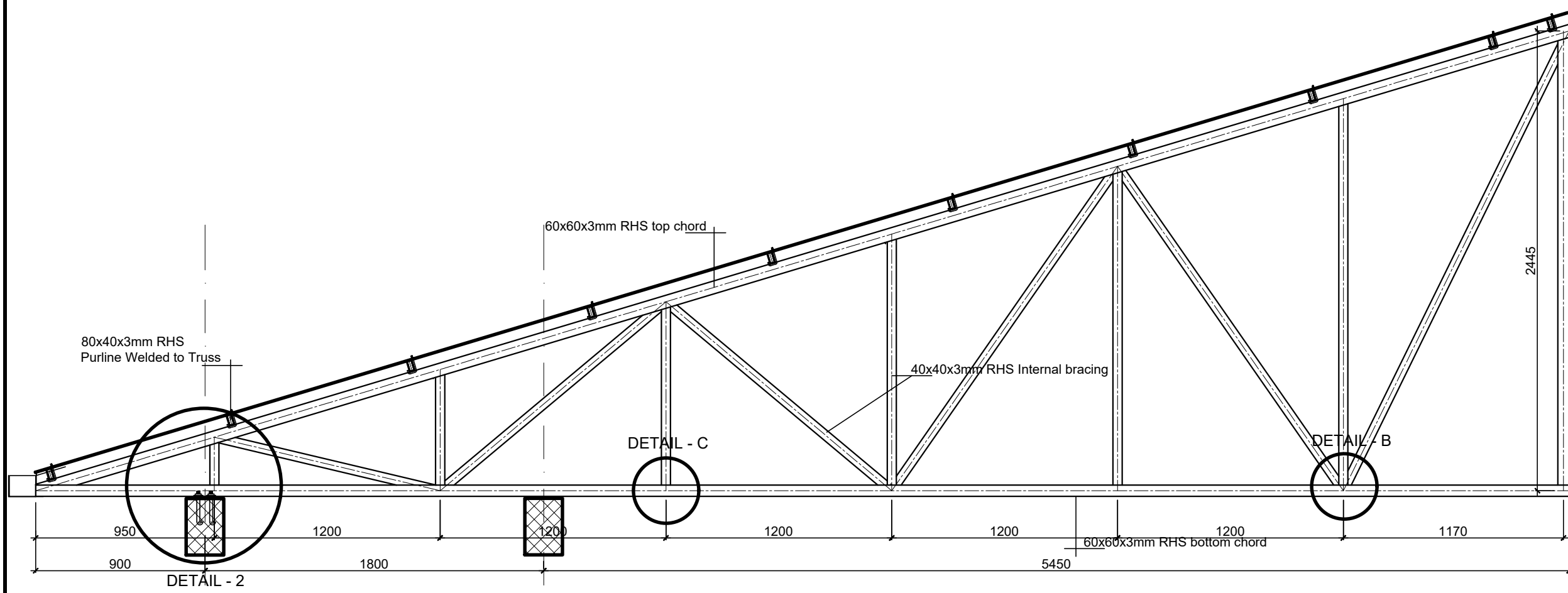
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BEAM AND TRUSS DETAILS

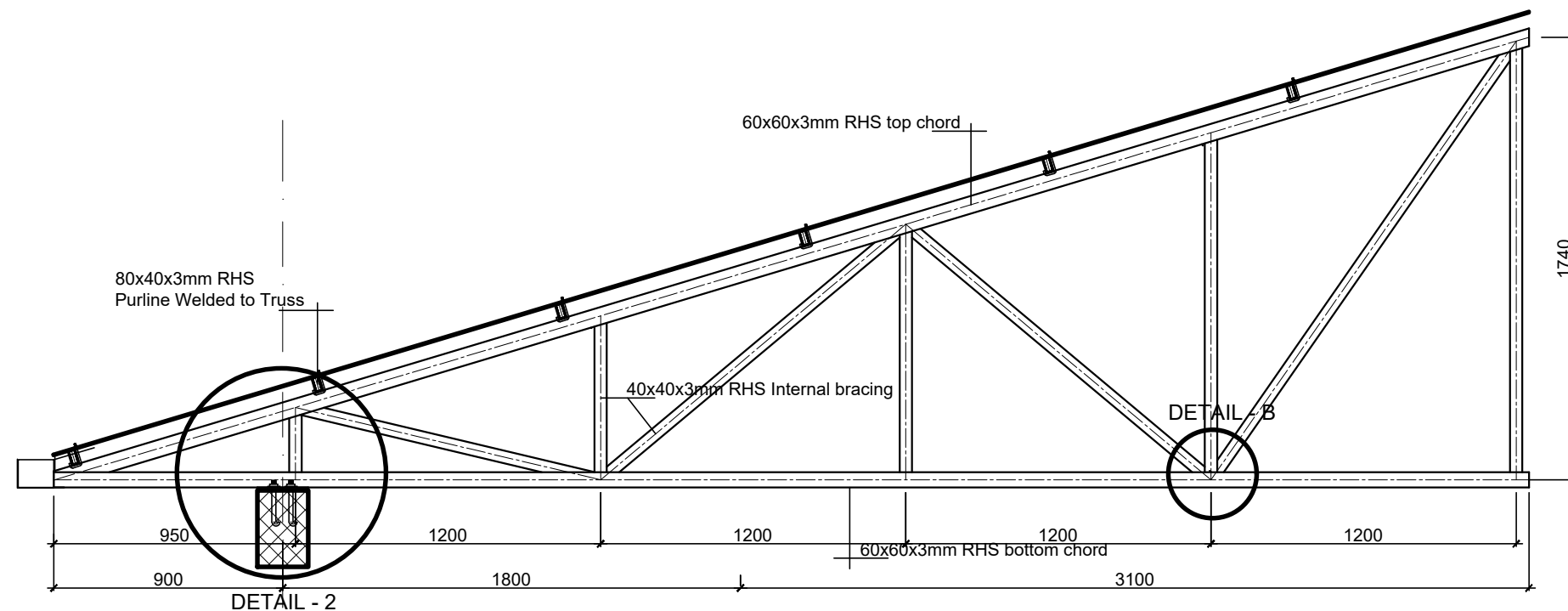
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Date:	02 / 05 / 2021	Rev.:		



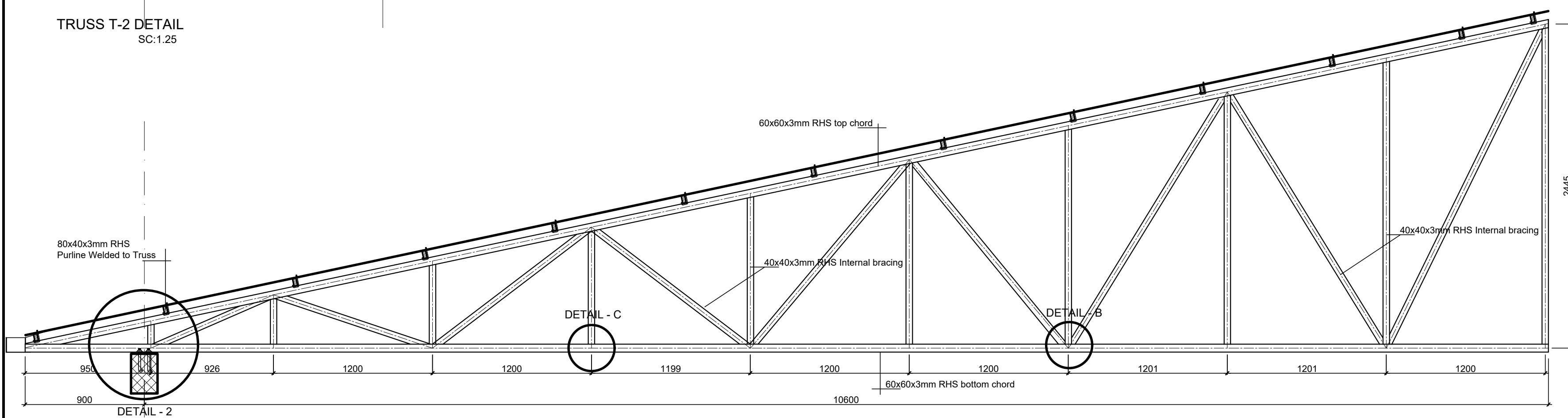
TRUSS T-1 DETAIL
SC:1.25



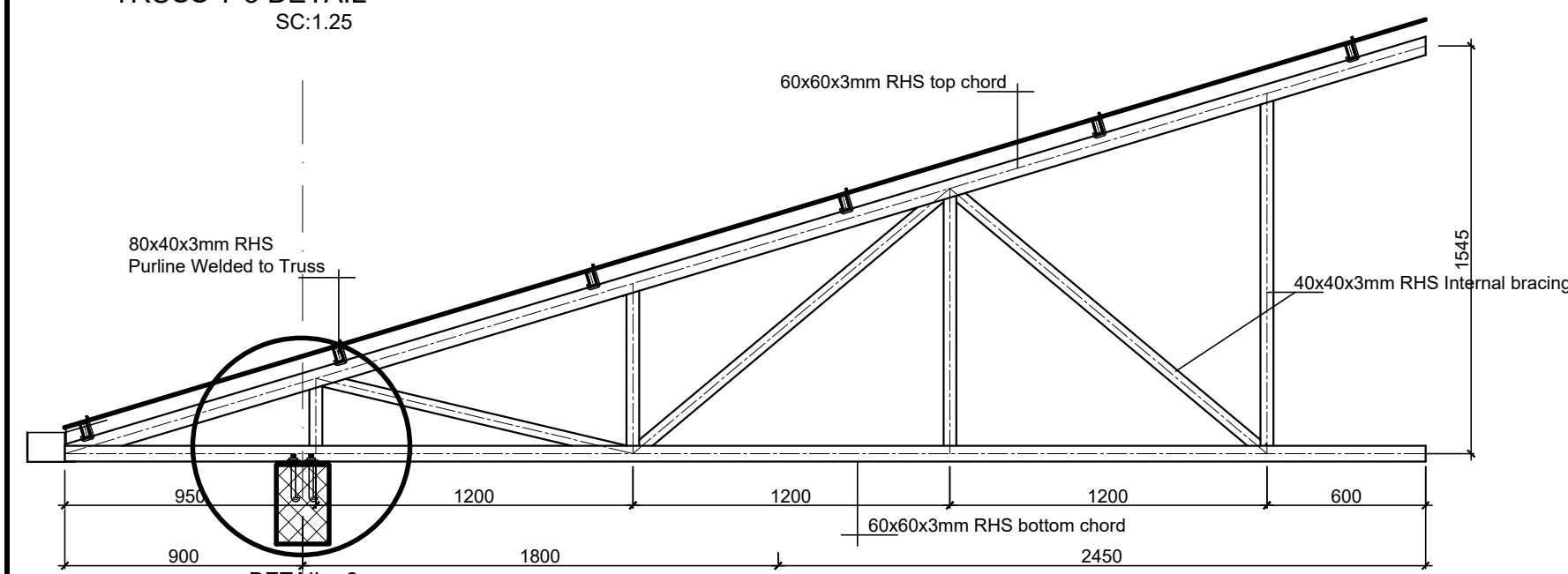
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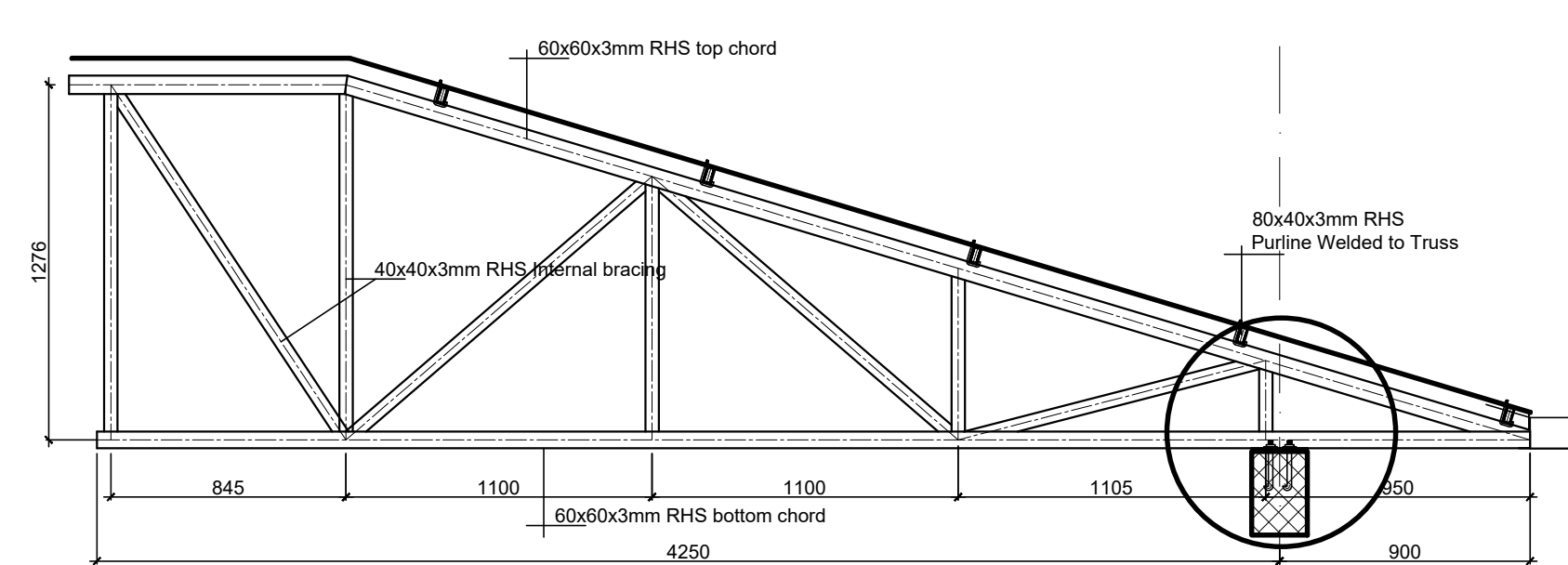
TRUSS T-4 DETAIL



TRUSS T-3 DETAIL
SC:1.25



TRUSS T-5 DETAIL
SC:1.25



TRUSS T-6 DETAIL
SC:1.25

NOTE
-All truss external members are 60x60x3.0mm
-Internal truss members are 40x40x3mm
-All purlin members are 80x40x3mm
- All Rafter 80x60x3mm RHS (R-1 & R-2)
- Nominal Steel grade Fe 360
-All members of the truss which met at a joint shall be welded with 6mm fillet all around and ends of all members to be sealed with metal plates
-Truss & purlins should be painted with two layers of anti rust

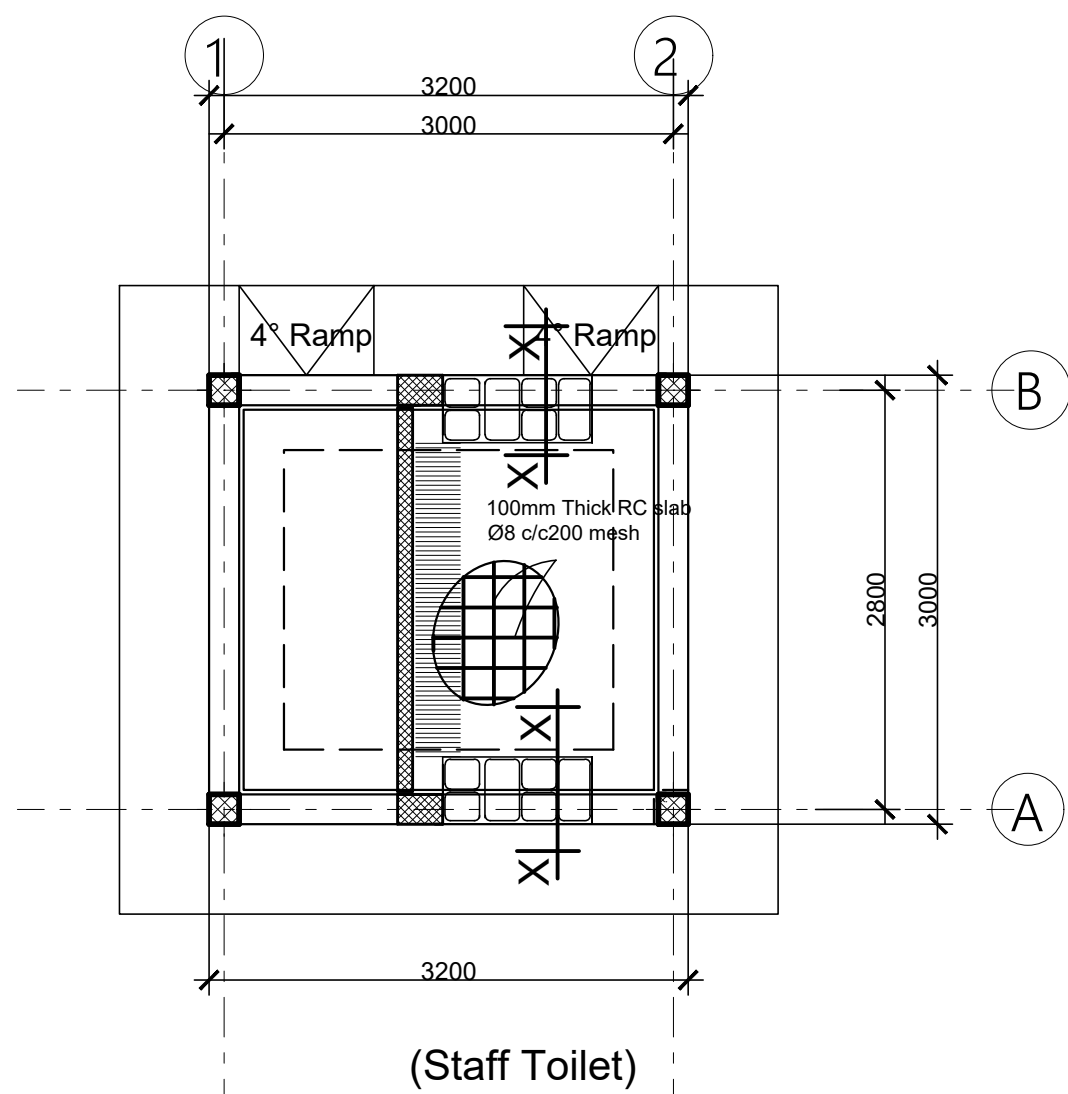
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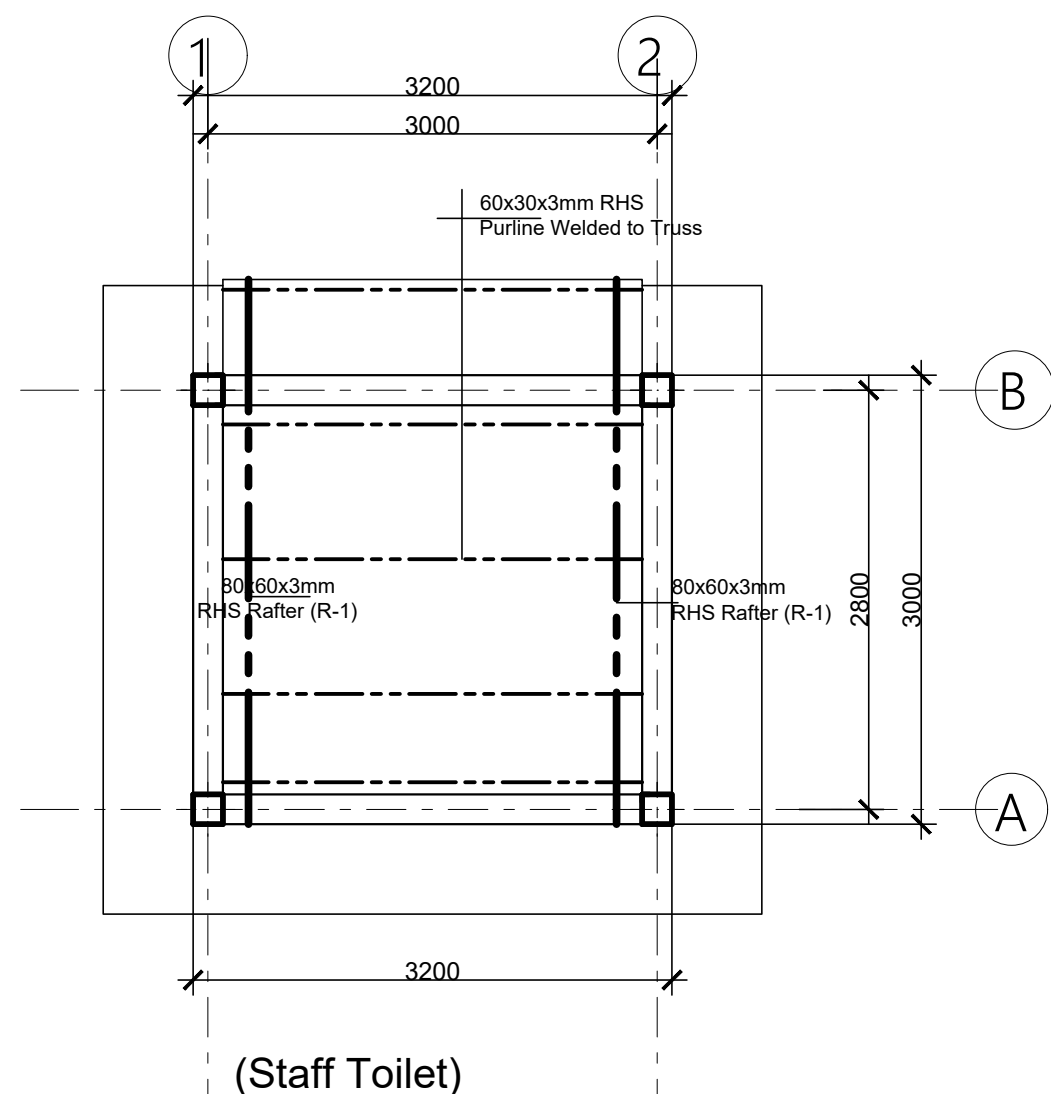
KEY PLAN

Funded By: United Nations Higher Commission for Refugees Office for the AU (UNHCR)		Partner: United Nations Higher Commission for Refugees Office for the AU (UNHCR)	
Program: Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model		Implemented By: UNOPS ETHIOPIA OPERATIONAL HUB	
Project Name: Jewi Oss Center		Design: UNOPS ETHIOPIA OPERATIONAL HUB	

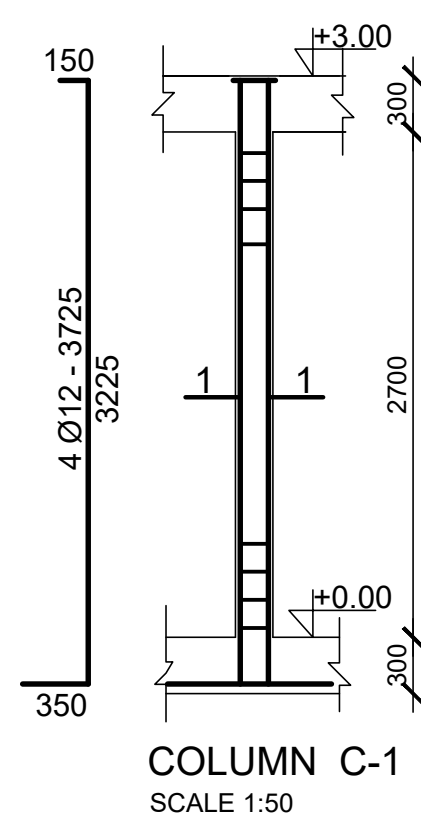
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Date: 02 / 05 /2021			Rev.:	0



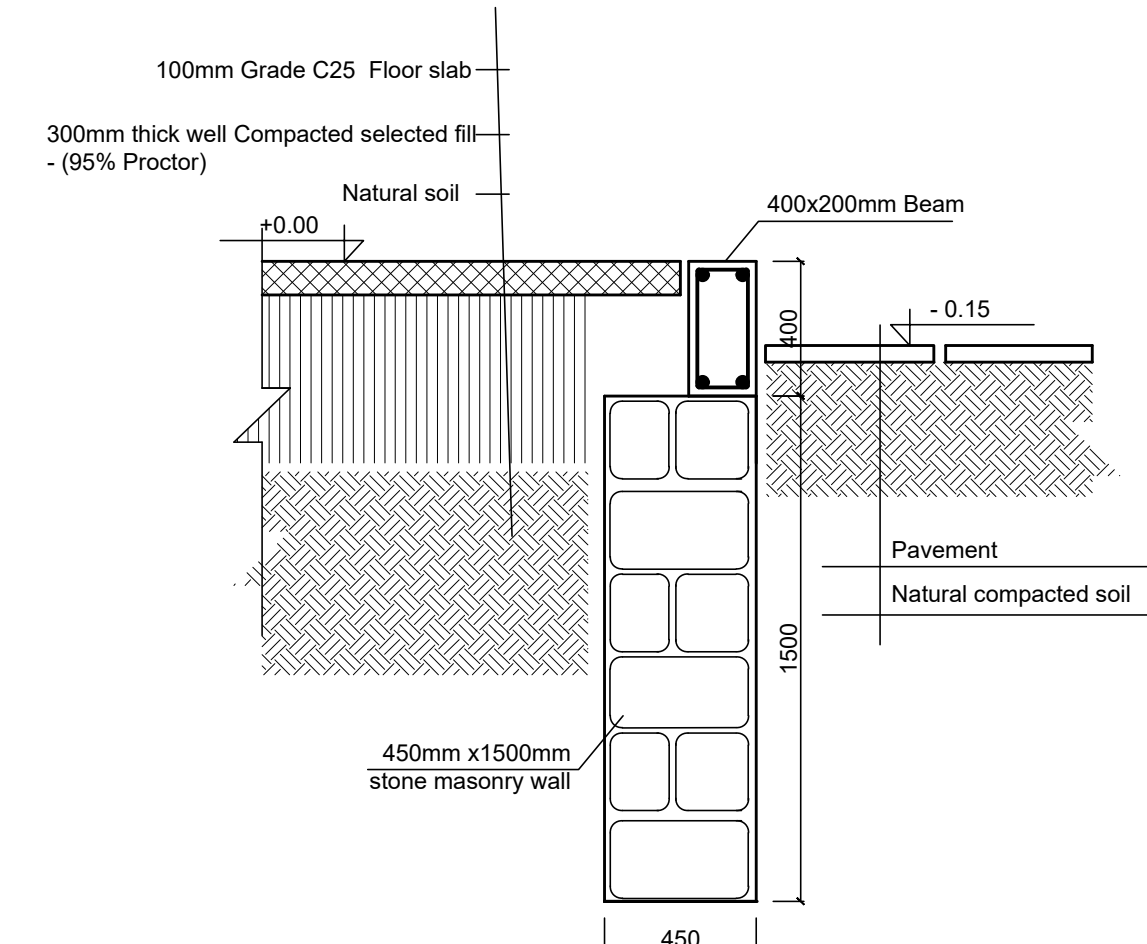
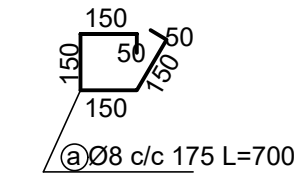
GROUND FLOOR SLAB REINFORCEMENT ,
BEAM AND COLUMN LAYOUT
(slab thickens =100mm)
SCALE 1:50



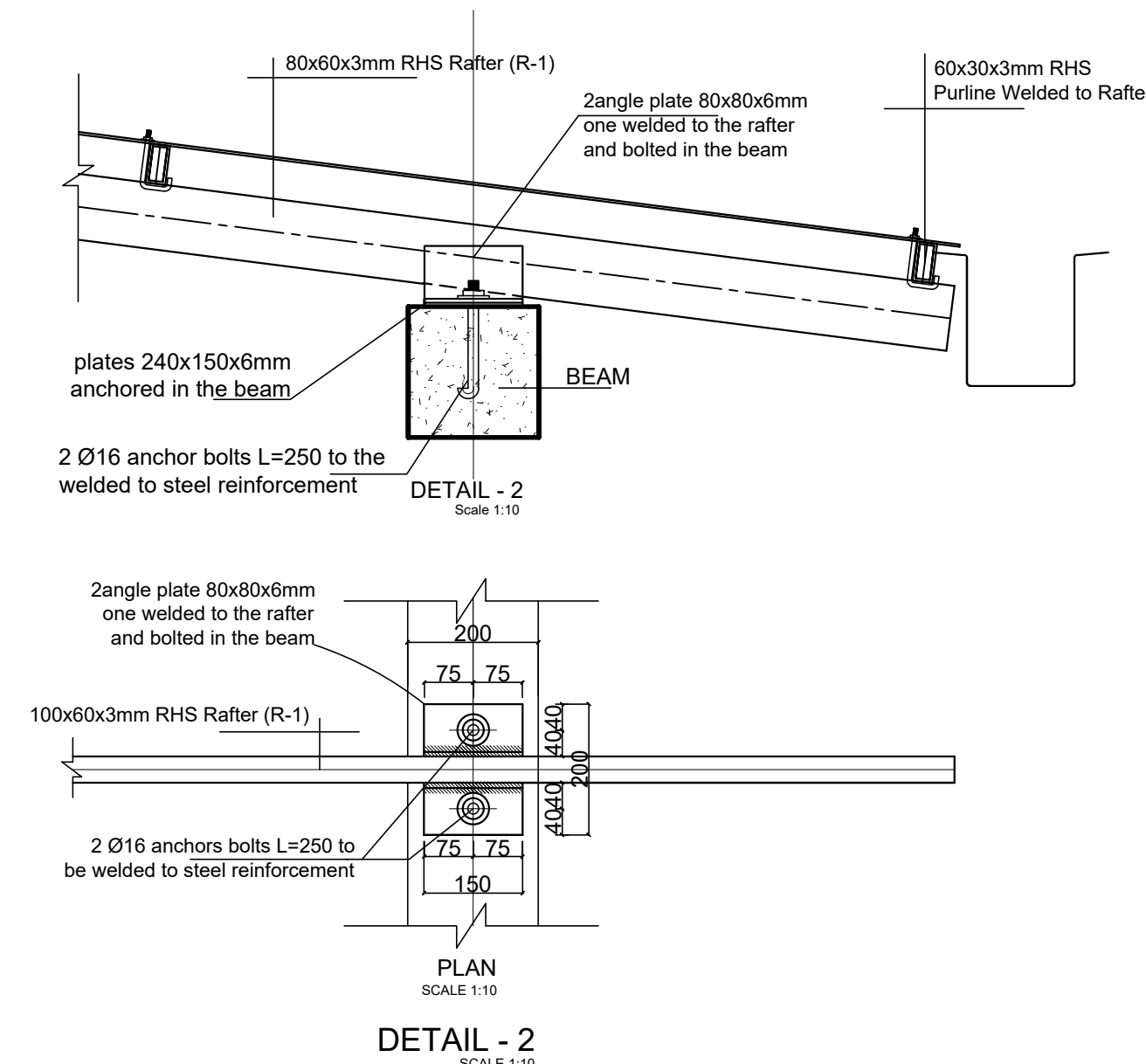
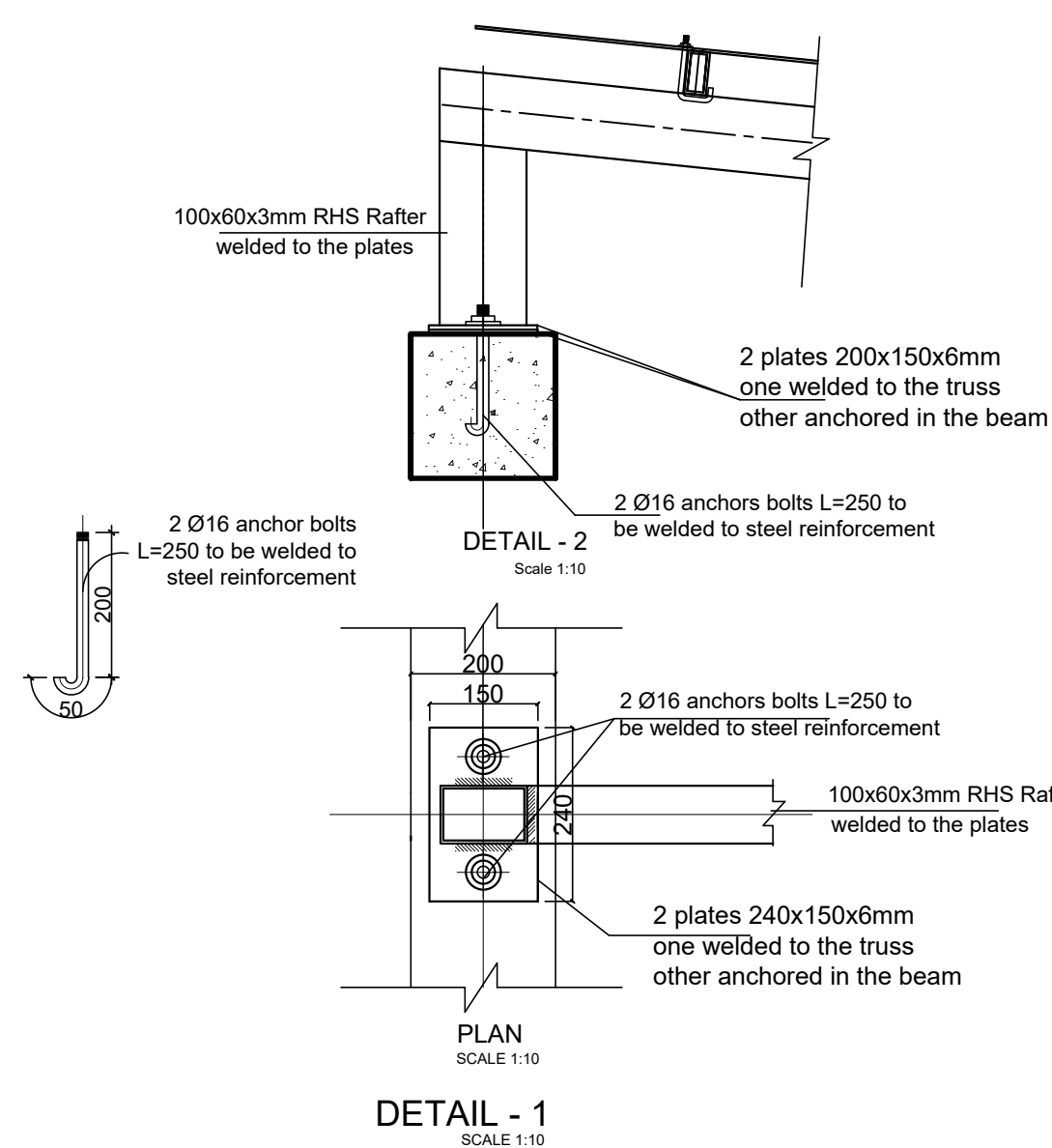
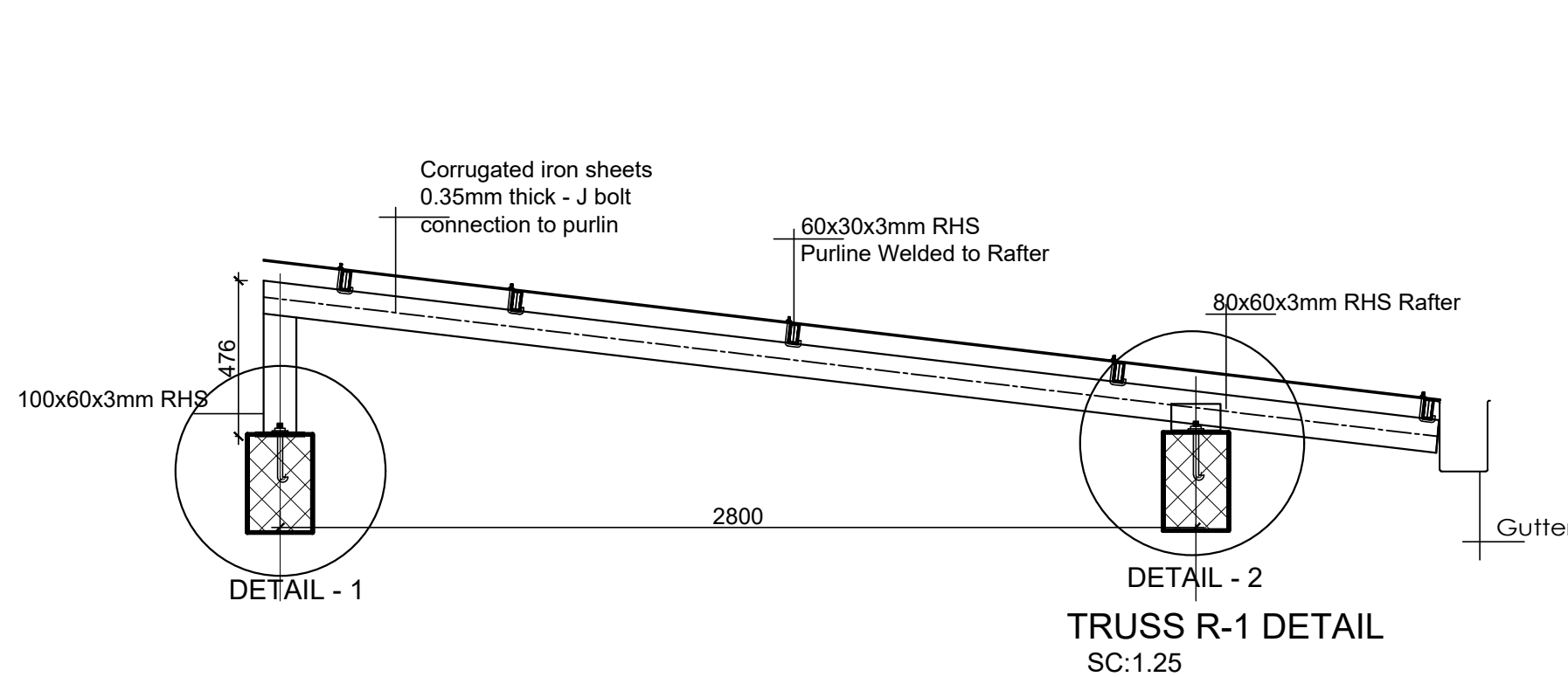
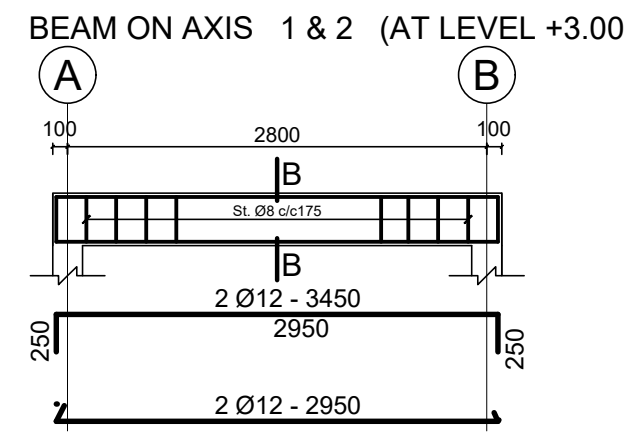
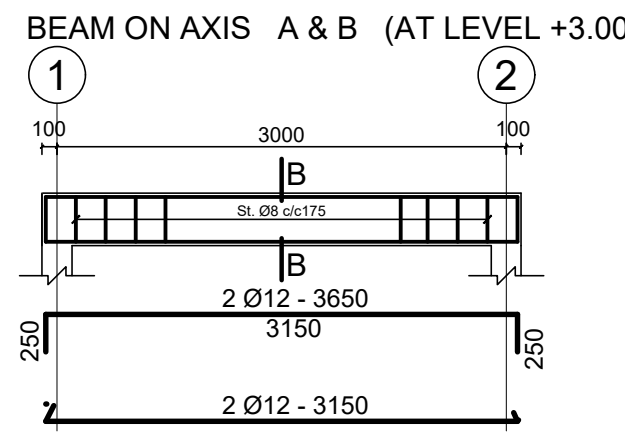
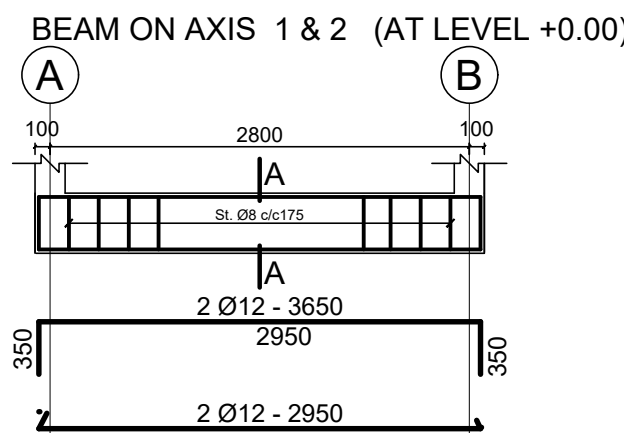
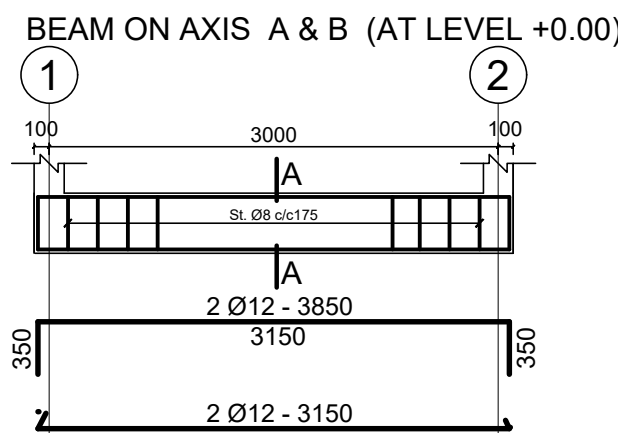
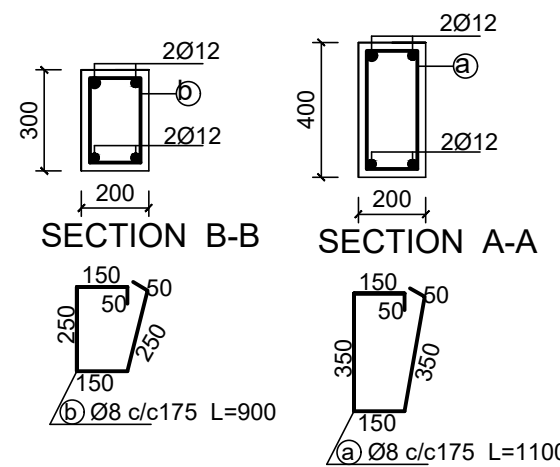
ROOF BEAM AND TRUSS LAYOUT
SCALE 1:50



SECTION 1-1
SCALE 1:25



TYPICAL MASONRY WALL SECTION X-X
SCALE 1:25



GENERAL NOTES:

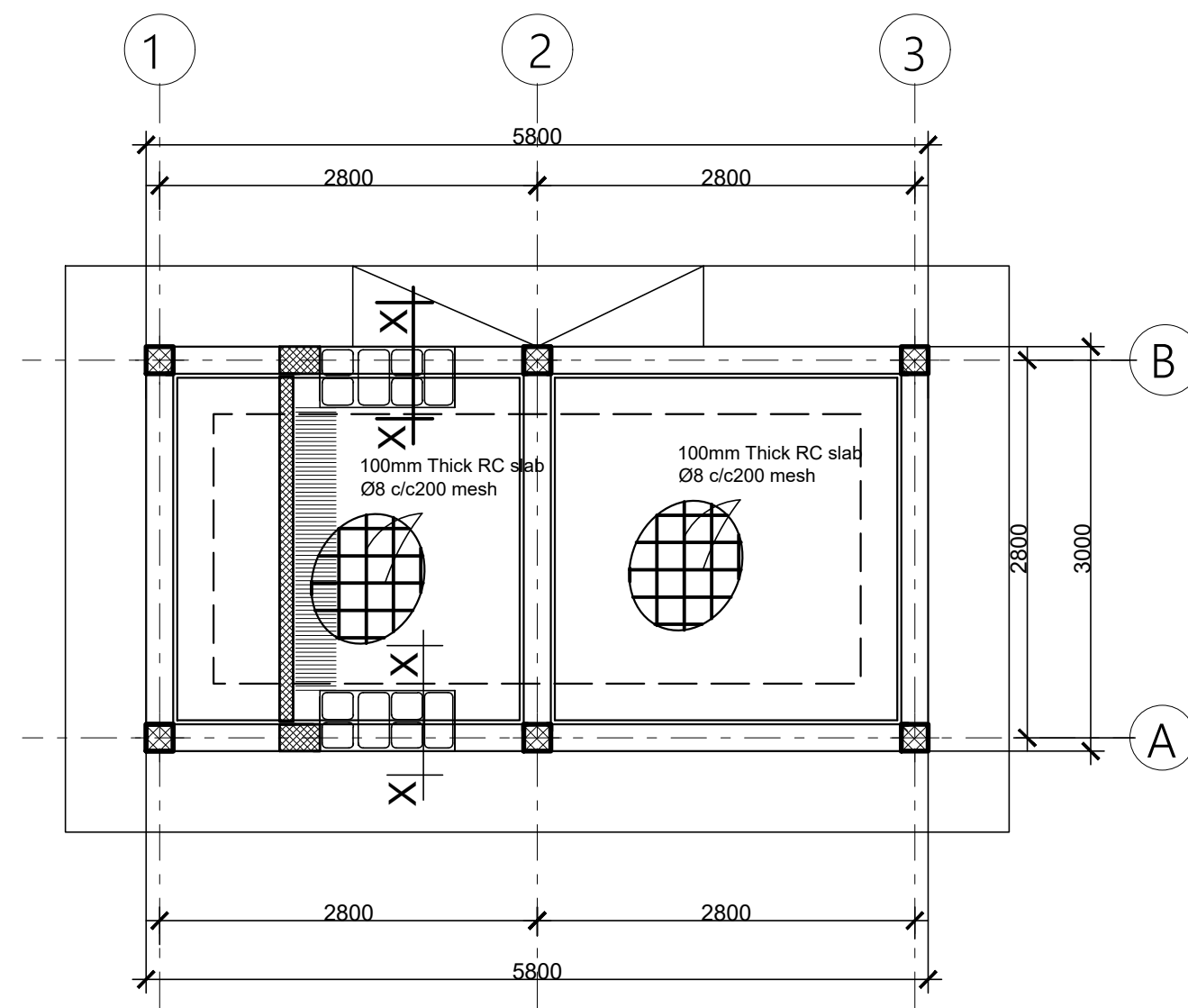
Rev.	Date	Description	Approved
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KEY PLAN

Funded By:	Partner:
United Nations Higher Commission for Refugees Office for the AU (UNHCR)	United Nations Higher Commission for Refugees Office for the AU (UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB

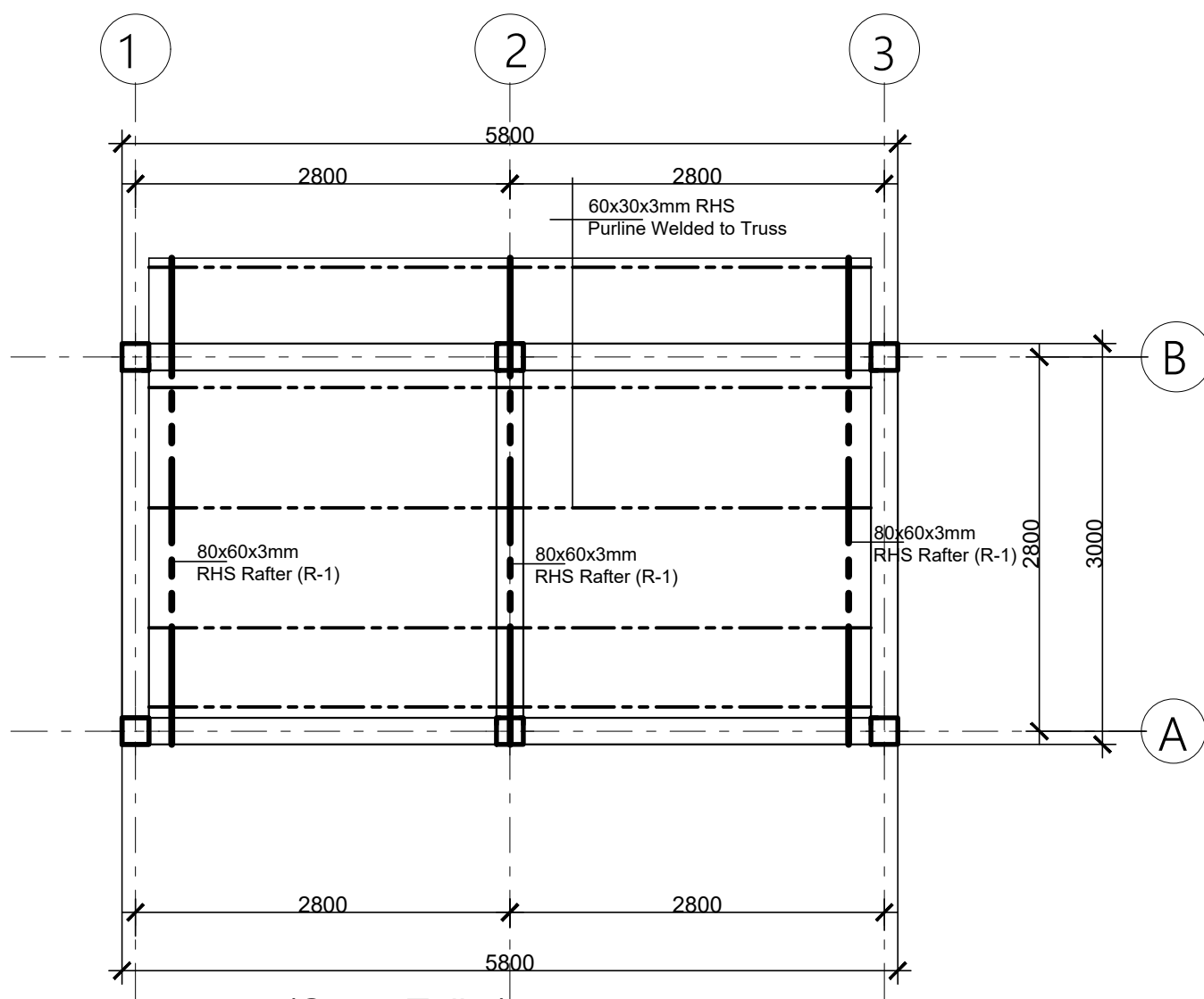
Drawing Title:
- FLOOR SLAB REINFORCEMENT PLAN (STAFF TOILET)
- TRUSS LAYOUT and DETAILS
- BEAM AND COLUMN DETAILS

Designed by:	Discipline:	Dr. No:	Tot. No:	Rev No:
AE	ST	07	10	R0
Drawn:	Checked:	Approved:	Size:	Scale:
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Date:	Rev.:			
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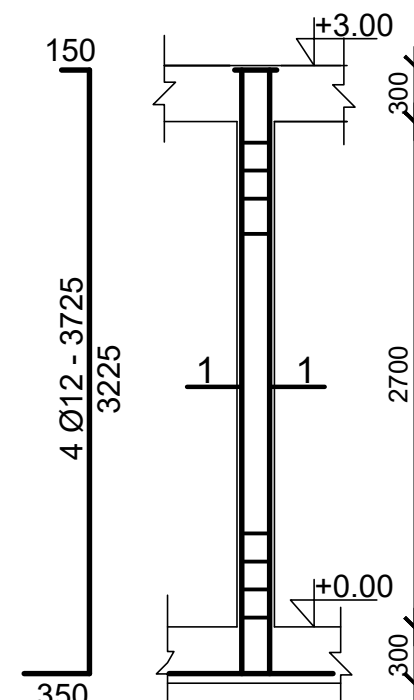


GROUND FLOOR SLAB REINFORCEMENT,
BEAM AND COLUMN LAYOUT
(slab thickness = 100mm)

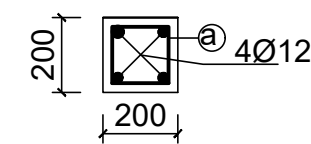
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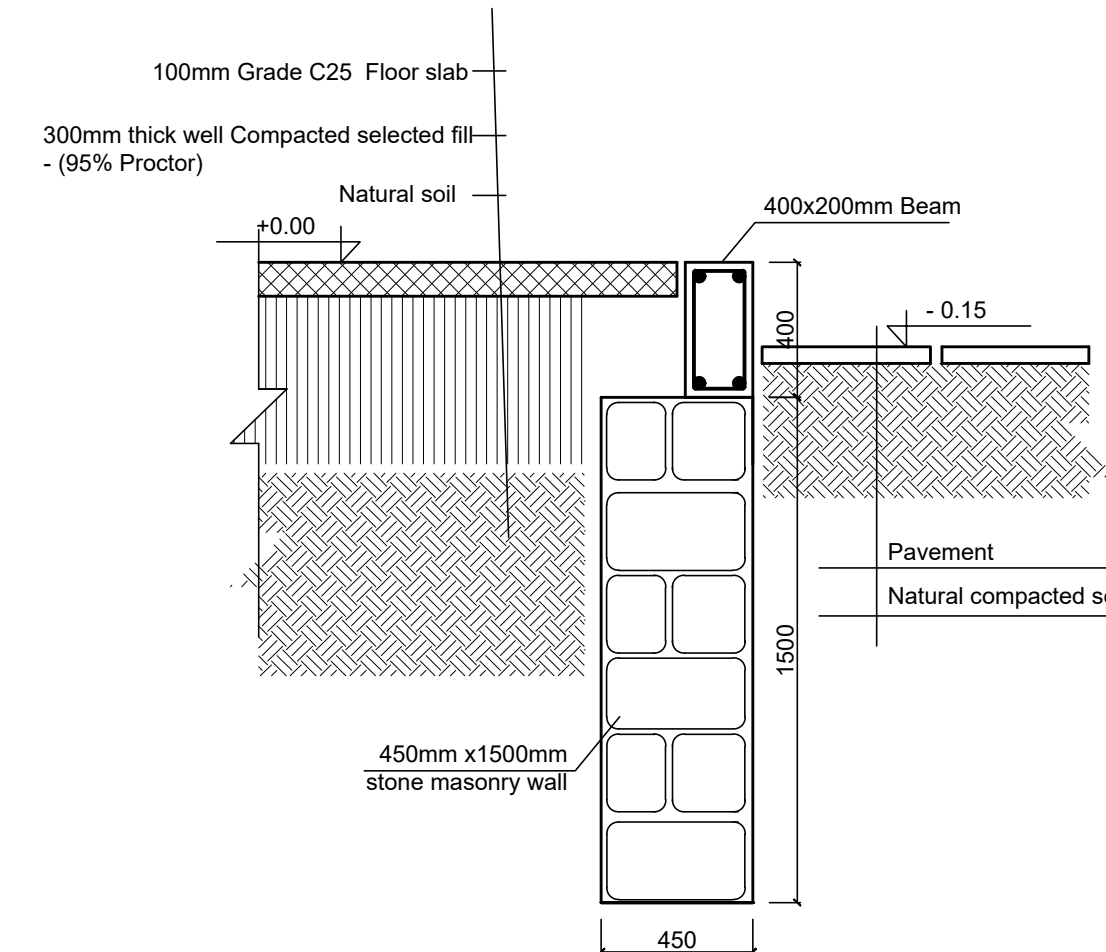
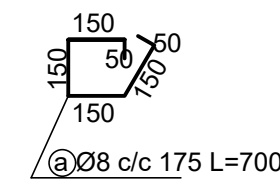
ROOF BEAM AND TRUSS LAYOUT
SCALE 1:50



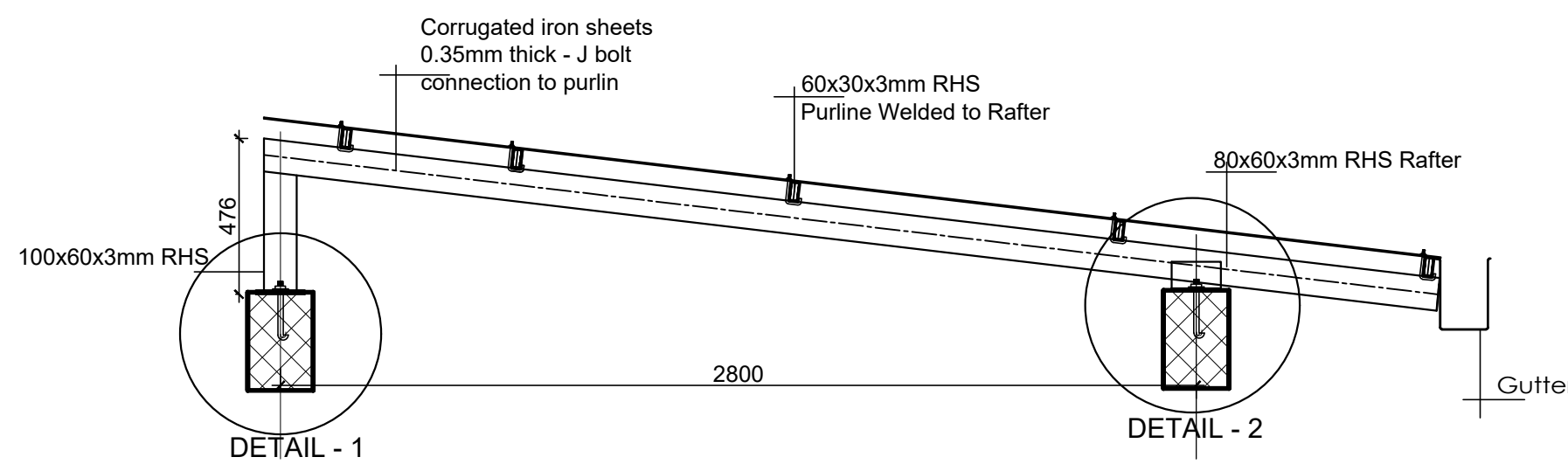
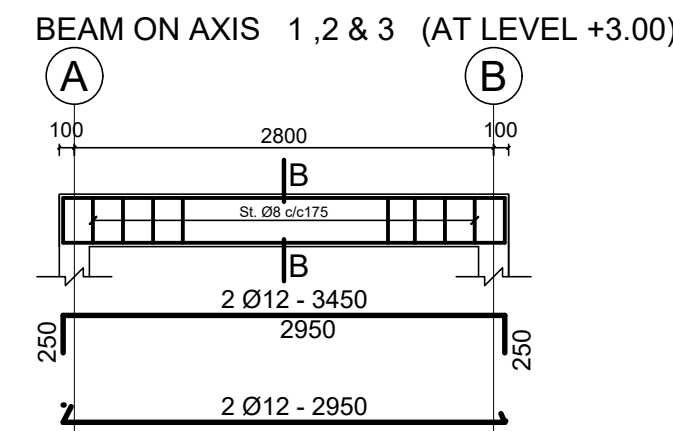
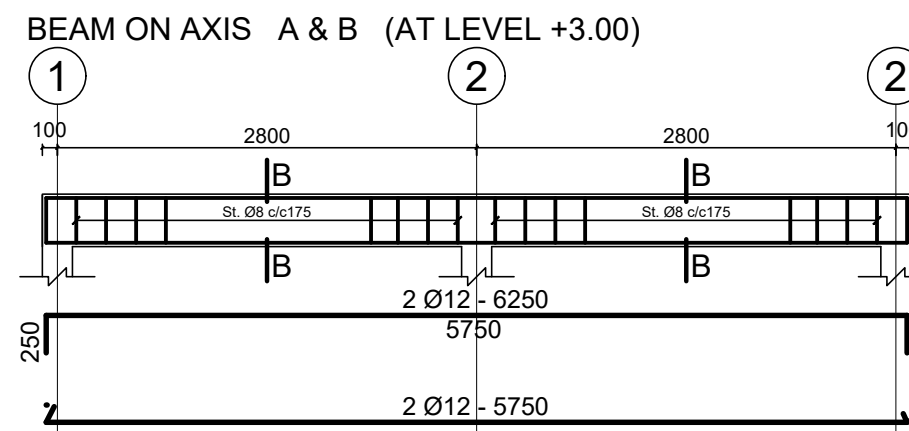
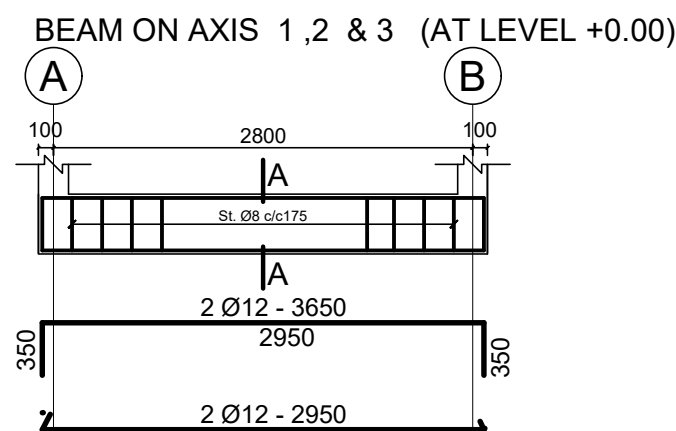
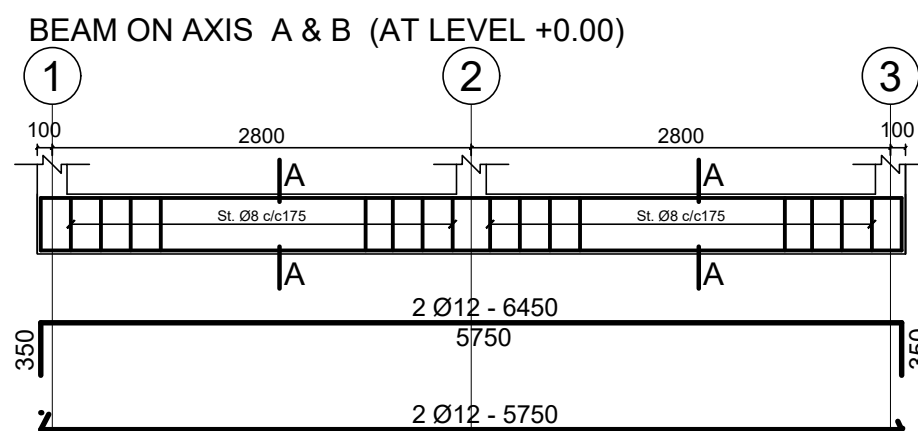
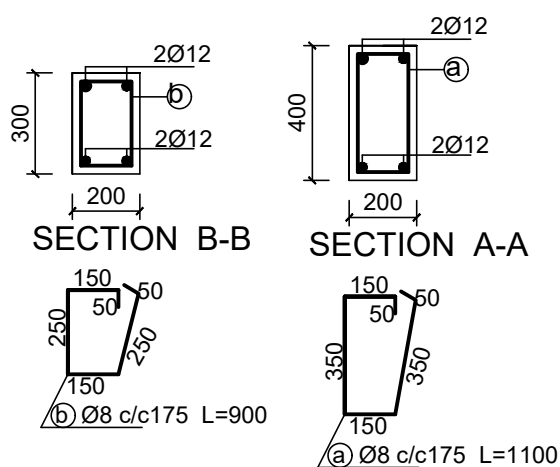
COLUMN C-1
SCALE 1:50



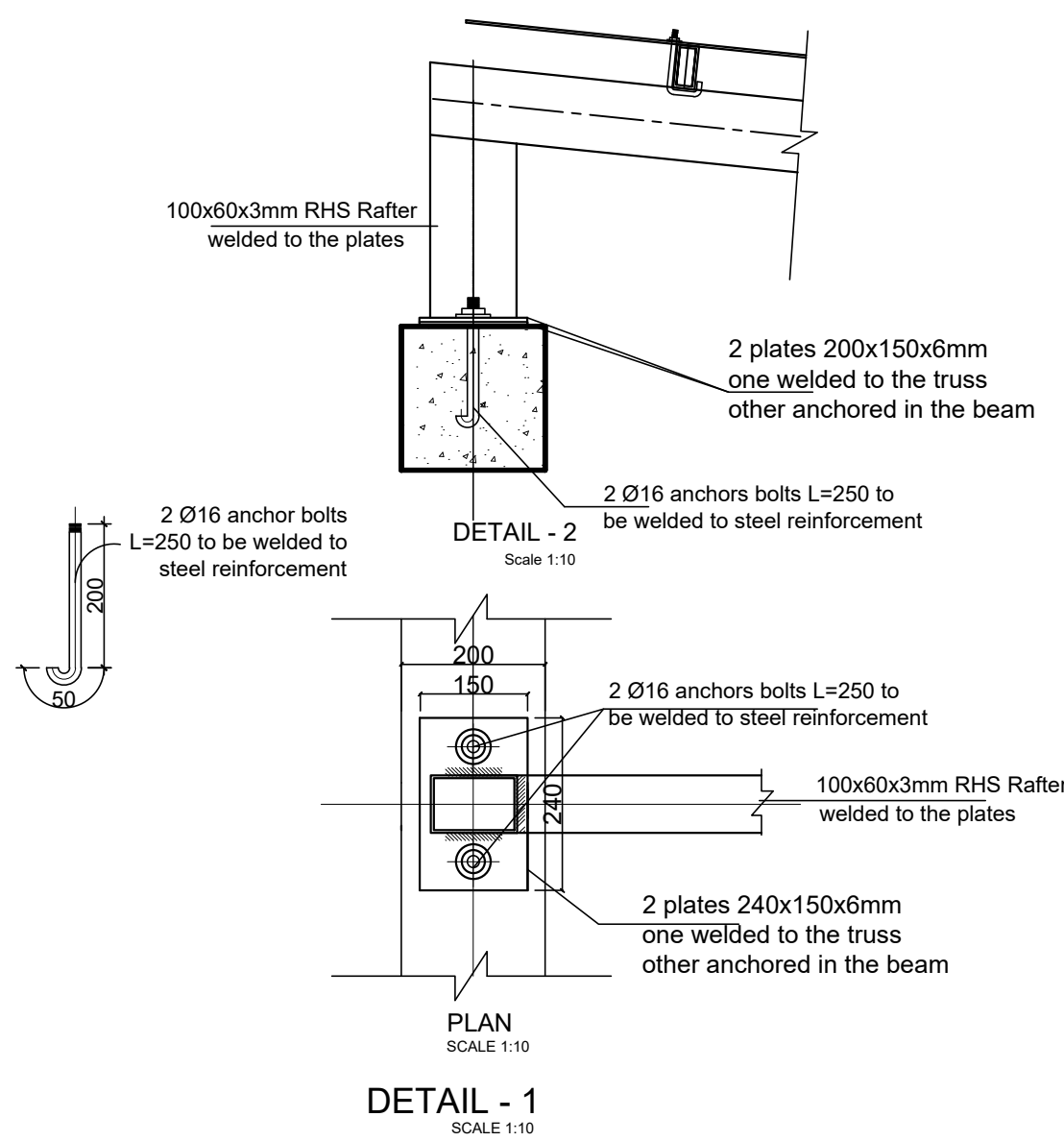
SECTION 1-1
SCALE 1:25



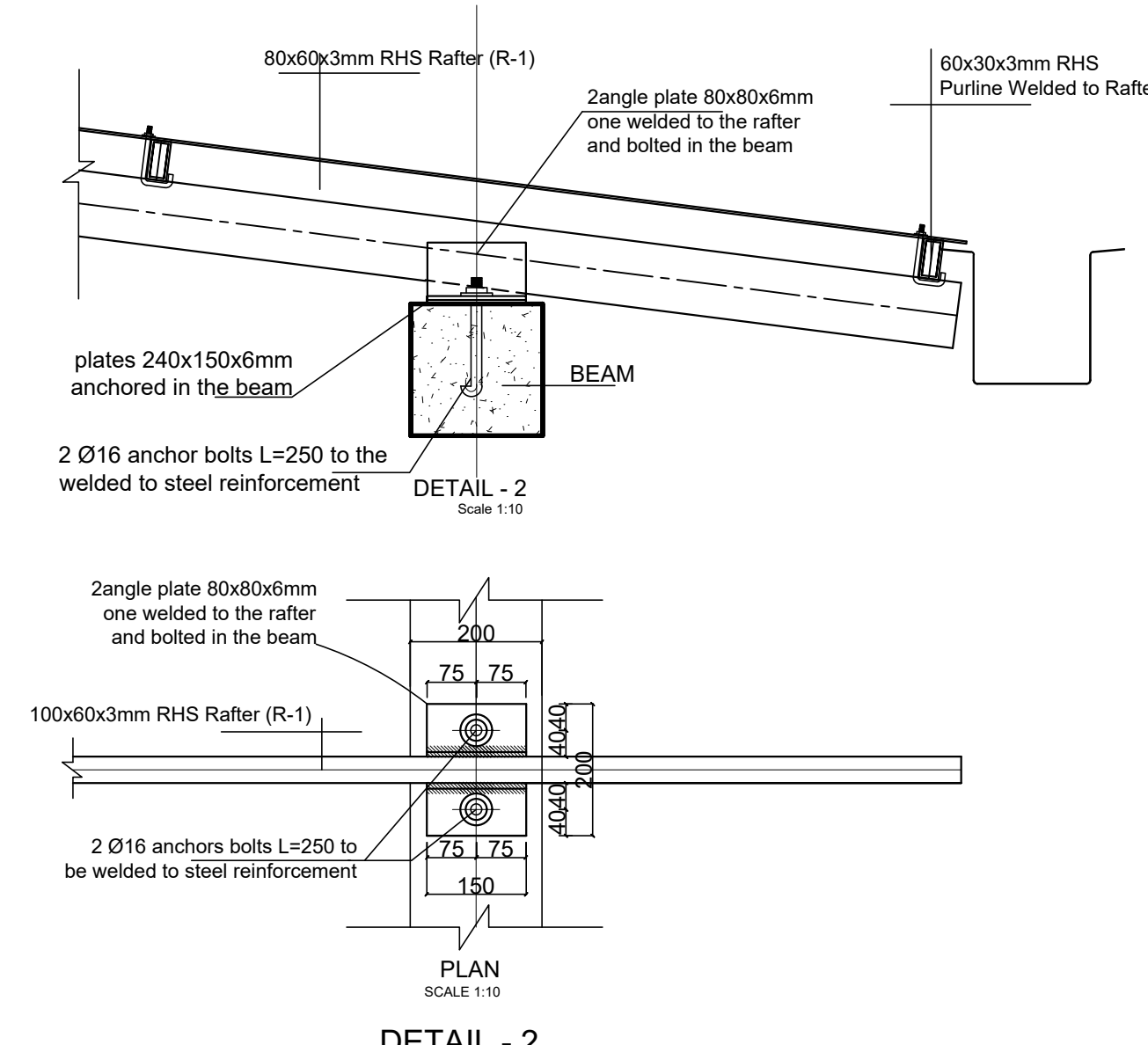
TYPICAL MASONRY WALL SECTION X-X
SCALE 1:25



TRUSS R-1 DETAIL
SC:1.25



DETAIL - 1
SCALE 1:10



DETAIL - 2
SCALE 1:10

GENERAL NOTES:

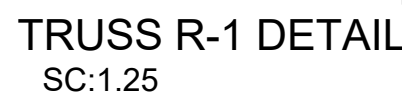
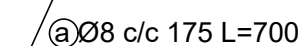
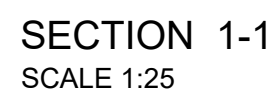
Rev.	Date	Description	Approved
0			

KEY PLAN

Funded By:	Partner:
United Nations Higher Commission for Refugees Office for the AU (UNHCR)	United Nations Higher Commission for Refugees Office for the AU (UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB

Drawing Title: (GUEST TOILET)
- FLOOR SLAB REINFORCEMENT PLAN
- TRUSS LAYOUT AND DETAILS
- BEAM AND COLUMN DETAILS

Designed by:	Discipline:	Dr. No:	Tot. No:	Rev No:
AE	ST	08	10	R0
Drawn:	Checked:	Approved:	Size:	Scale:
FM	AE	BM	A1	1:50 1:25 1:10
Date:	Rev.:			
02 / 05 / 2021	0			



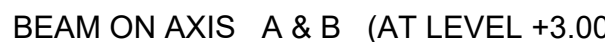
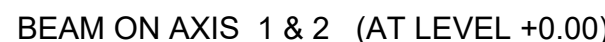
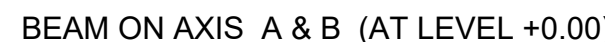
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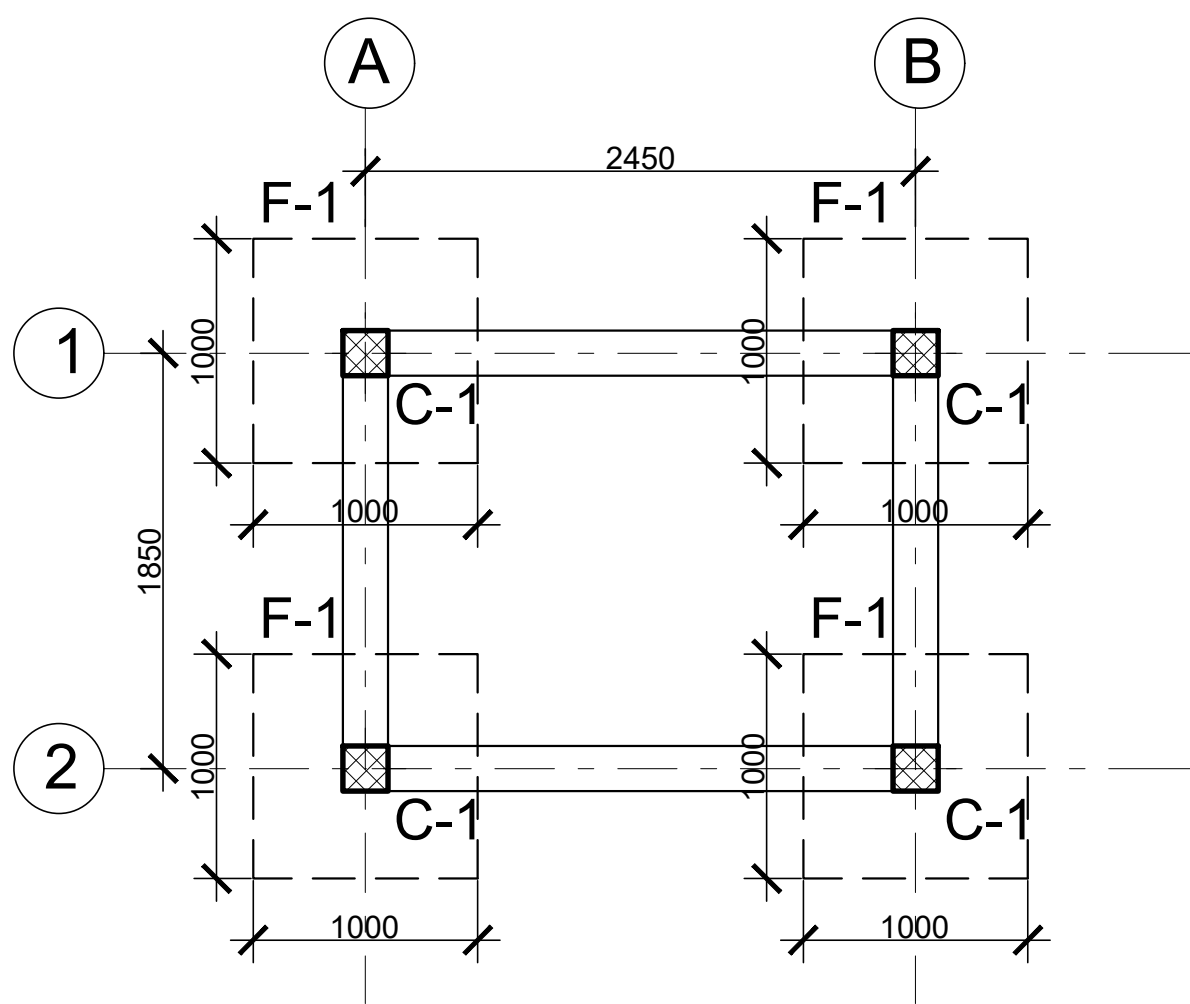
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Drawing Title:	
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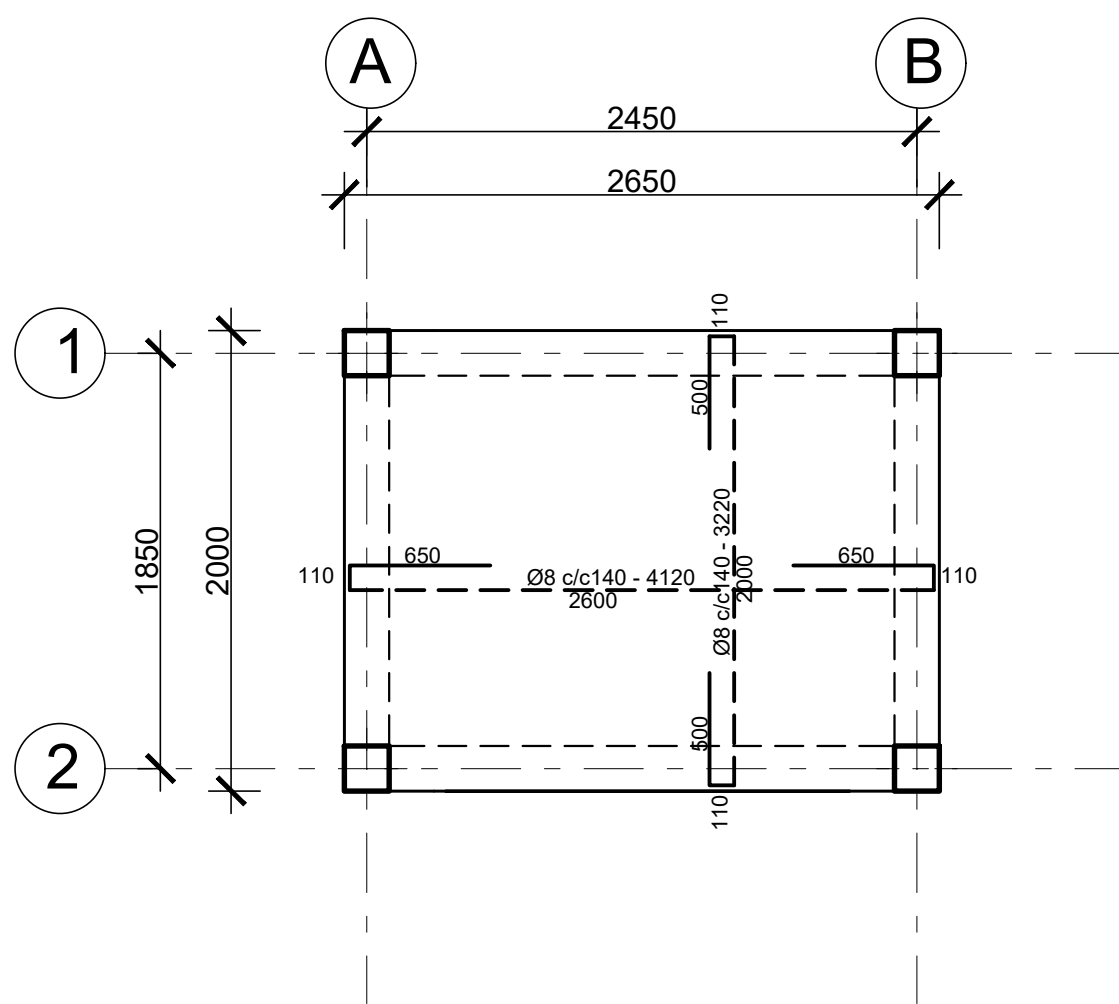
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AE			ST	09	10	R0		
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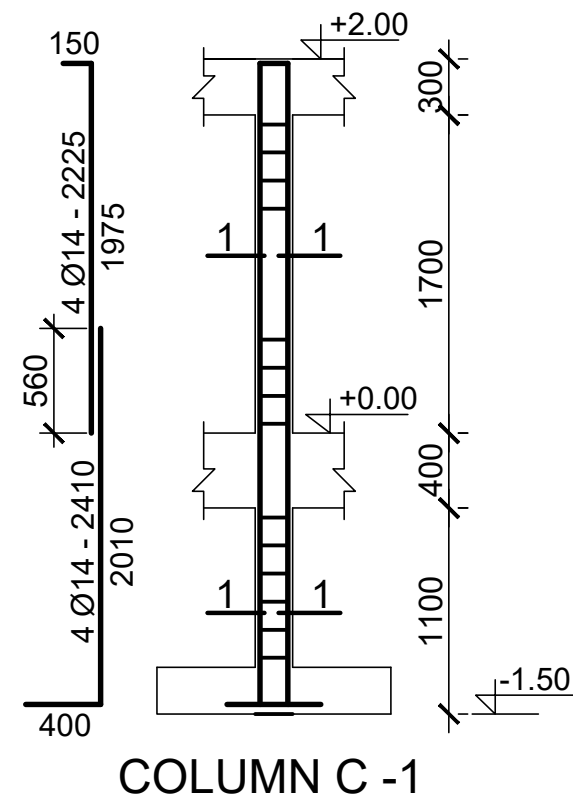




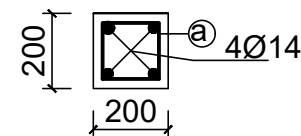
(WATER TANKER SUPPORT)
GRADE BEAM , FOOTING AND COLUMN LAYOUT
SCALE 1:50



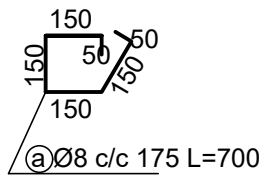
(WATER TANKER SUPPORT)
WATER TANKER SLAB REINFORCEMENT PLAN
AND TOP BEAM LAYOUT
(slab thickens =150mm)



COLUMN C -1



SECTION 1-1
SCALE 1:25



@Ø8 c/c 175 L=700

GENERAL NOTES:

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Rev.:	Date:	Description:		Approved

KEY PLAN

Funded By:		Partner:	
United Nations Higher Commission for Refugees Office for the AU (UNHCR)		United Nations Higher Commission for Refugees Office for the AU (UNHCR)	
Program:		Implemented By:	
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model		UNOPS ,ETHIOPIA OPERATIONAL HUB	
Project Name:		Design:	
Jewi Oss Center		UNOPS ,ETHIOPIA OPERATIONAL HUB	

Drawing Title:				
(WATER TANKER SUPPORT)				
-TOP SLAB REINFORCEMENT PLAN , BEAM ,FOOTING AND COLUMN DETAILS				
Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
AE	ST	10	10	R0
Drawn:	Checked:	Approved:	Size:	Scale:
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		Date:	Rev.:	
		02 / 05 /2021	0	



GENERAL NOTES:

LEGEND

NEW PARTITION

 EXISTING WALL

LEGEND

- A- OSS CENTER
- B- STAFF TOILET
- C- GUEST TOILET
- D- GUARD POST
- F- GATE
- G- PARKING
- H- LANDSCAPE
- I - PAVED WALKWAY
- J - GENERATOR HOUSE
- K - WATER RESERVOIR
- S- SEPTIC TANK

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Rev.:	Date:	Description:	Approved

KEY PLAN

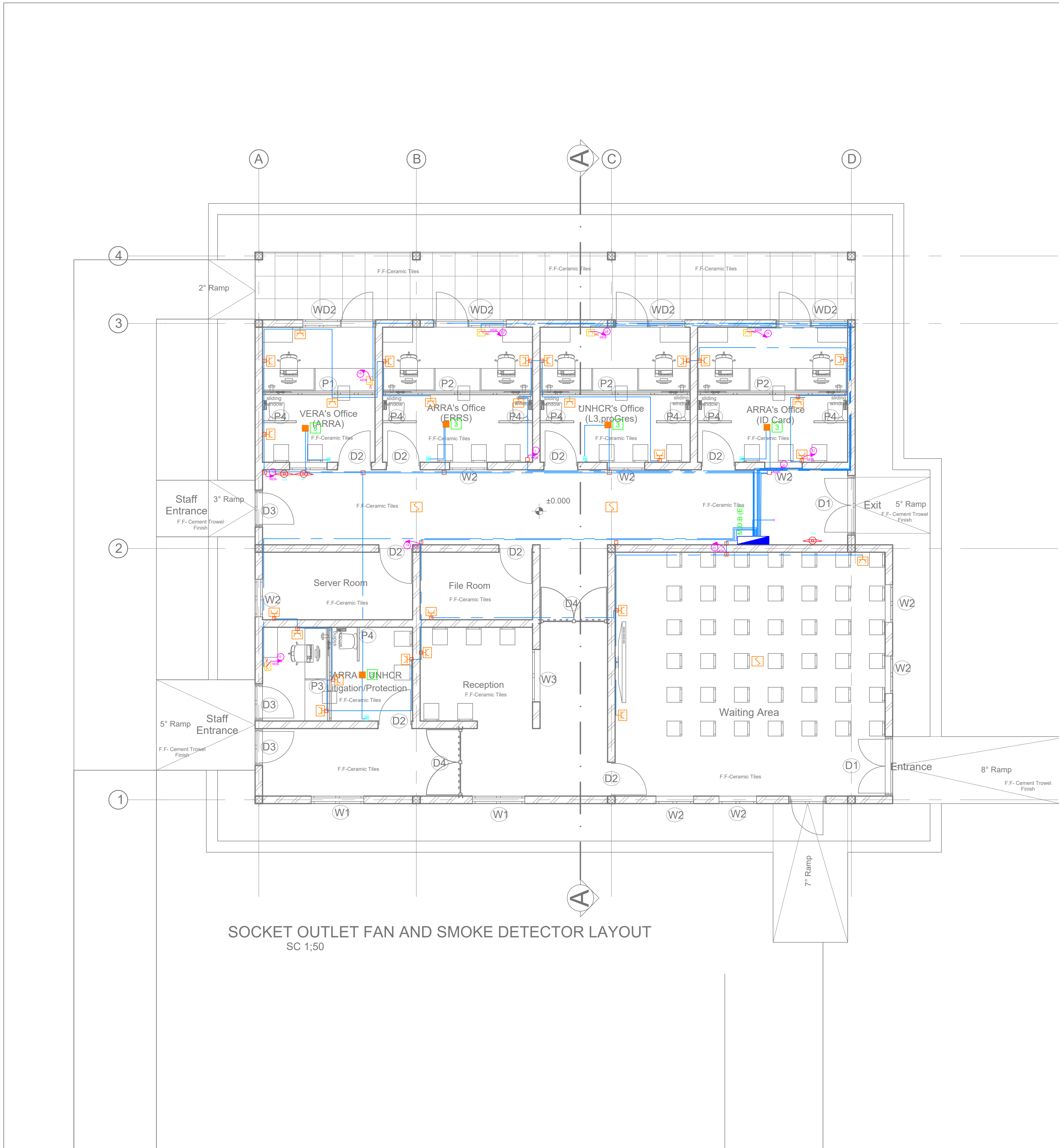
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United Nations Higher Commission for Refugees Office for the AU (UNHCR)	United Nations Higher Commission for Refugees Office for the AU (UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
GAMBELLA JEWI OSS CENTER	UNOPS ETHIOPIA OPERATIONAL HUB

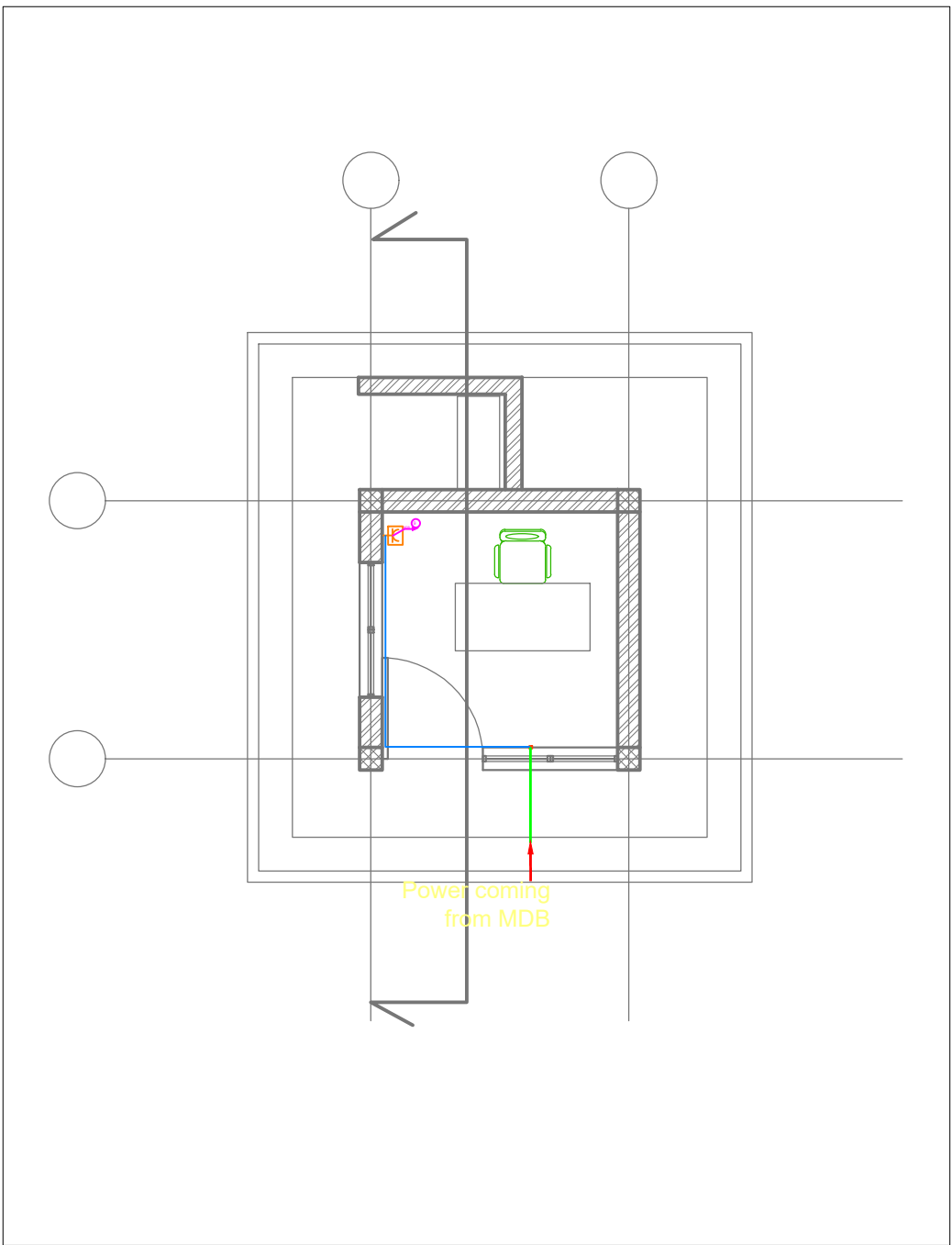
Drawing Title:

ELECTRICAL INSTALLATION PLAN- SITE PLAN

Designed by			Discipline:	Dr. No:	Tot. No:	Rev No:		
YG			EL	01	06	R1		
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SOCKET OUTLET FAN AND SMOKE DETECTOR LAYOUT
SC 1:50



GENERAL NOTES:

LEGEND

- NEW PARTITION
- EXISTING WALL

LEGEND

SYMBOL	DESCRIPTION / MOUNTING METHOD
AC	AC Socket Outlet with 3x2 5mm ² fixed over 2m above F.L.
SO	Single Socket Outlet with 3x2 5mm ² fixed over 40cm above F.L.
α	Junction box, surface mounting
FC	Fan Speed Control
SD	Ionization smoke detector
MD	Mag CO2 portable fire extinguisher
W	1 liter Water Type portable fire extinguisher

CABLES LEGEND

SYMBOL	DESCRIPTION / MOUNTING METHOD
—	Cable installed in conduit in the ground
—	Cable installed on perforated tray run horizontally
—	Cable installed in conduit on surface mounting with cable clips
—	Earthing cable
—	Switchboard - Main Power Supply
—	Mainline (100x40x40)

EQUIPMENT LISTING

REFERENCE	DESCRIPTION
1	Cabling Fan

GENERAL NOTES

- The implementation of the different components should be aligned by the contractor in the implementation phase, with the elements of the architectural project;
- The dimensions are given as an indication, the contractor must confirm them in place and perform precise measurements before the work is done;
- All dimensions must be confirmed with the architectural project;
- All work must be done with particular care in order not to damage the pre-existing installation, to ensure the safety of the building and the workers;

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Rev.:	Date:	Description:	Approved	

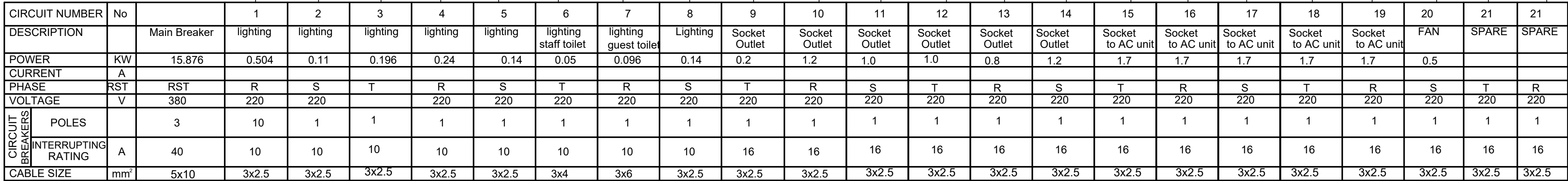
KEY PLAN







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






Funded By:	Partner:
United Nations Higher Commission for Refugees Office for the AU (UNHCR)	United Nations Higher Commission for Refugees Office for the AU (UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
GAMBELLA JEWI OSS Center	UNOPS ETHIOPIA OPERATIONAL HUB
Drawing Title:	







ELECTRICAL INSTALLATION PLAN- SOCKET OUTLET,FAN AND FIRE FIGHTING

Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
YG	EL	03	06	R0
Drawn:	Checked:	Approved:	Size:	Scale:
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		Date:	Rev.:	
		03 / 09 /2021	0	



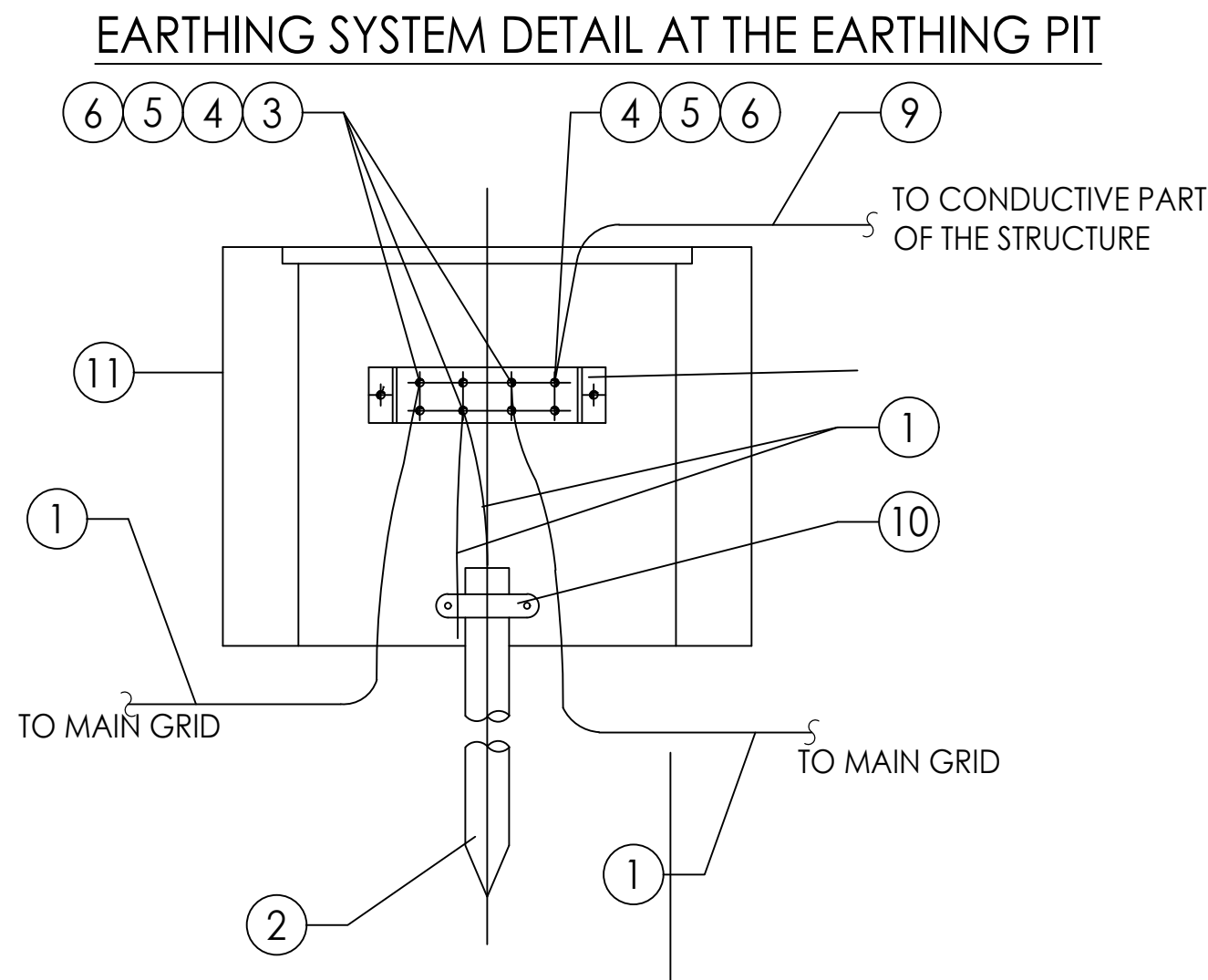
LEGEND: ROOM LIGHTING			DOORWAY FLUX
	1	Luminaire fix to the ceiling (Pendant linear T8 20 28 mm - 3 x 24W, 4x 36W surface suspension)	2700lm
	2	LED panel light (air surface type) recessed down, 4000K x 600mm x 900mm surface (single spot)	4200lm
	3	Luminaire fix to the ceiling (Pendant linear T8 20 28 mm - 3 x 24W, 4x 36W surface suspension)	4400lm
	4	LED panel light (air surface type) recessed down, 4000K x 600mm x 900mm x 15mm, 2000lm IP 20, secondary source (200-240V)	13500lm
	5	Luminaire fix to the ceiling (LED Light 17W, IP44, 1400lm, no diffuser)	1400lm
	3	Ceiling FAN	960lm

ELECTRICAL ACCESSORIES	
	Re. Installation
	One way switch (One way switch, surface mounting)
	Double switch (Double pole switch, surface mounting)
	<ul style="list-style-type: none"> □ Junction box, surface mounting ■ Junction box, flush mounting
	Switch box, flush mounting
	Differential circuit breaker(PCB)
	Breaker
	Overhead Limiters

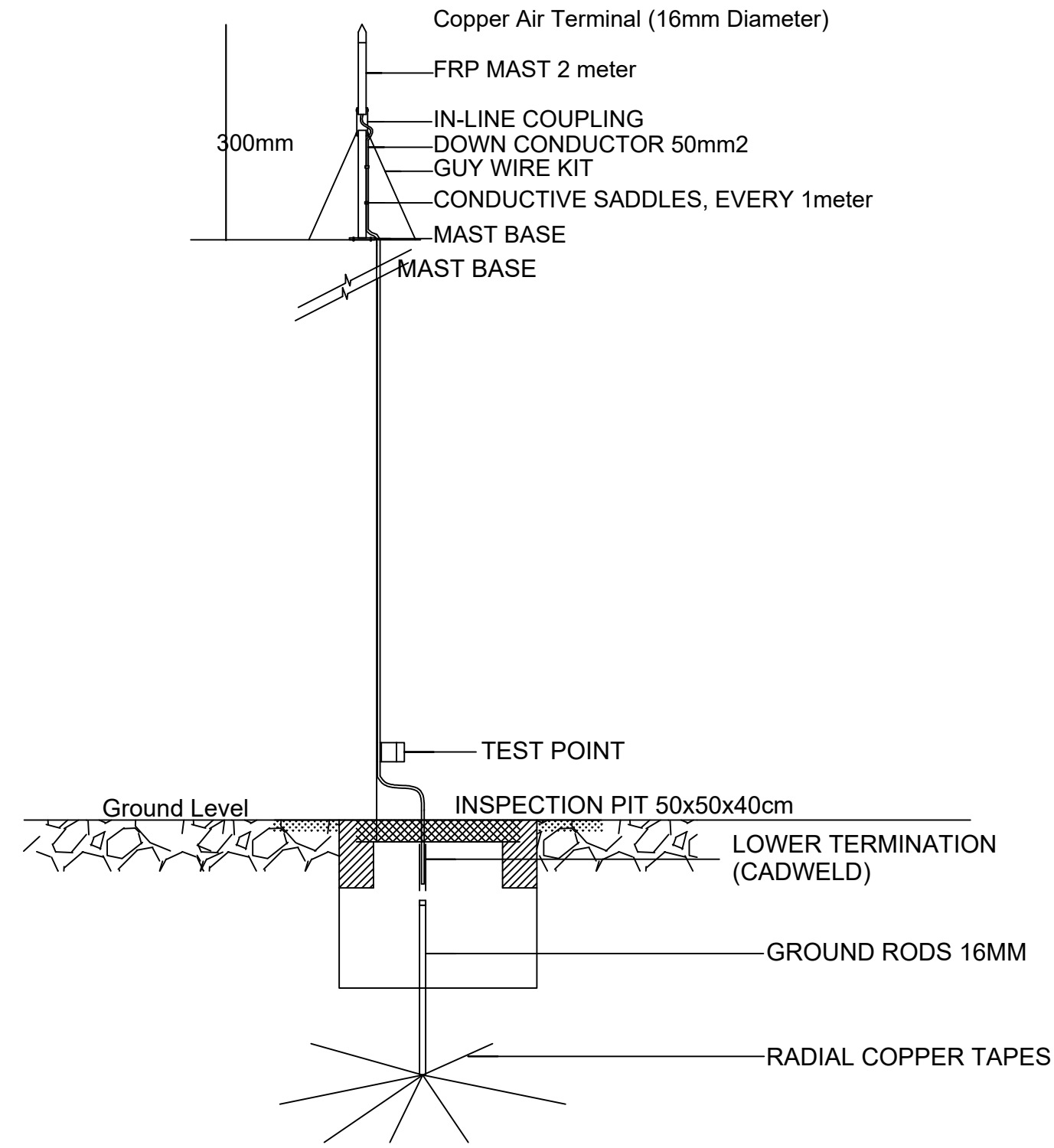
CABLES LEGEND	
	DESCRIPTION / MOUNTING METHOD
	Cable installed in conduit in the ground
	Cable installed on perforated tray not horizontally
	Cable installed in conduit on surface mounting with cable clips
	Switchboard - Main Power Supply
	Meters 420x40x40

GENERAL NOTES	
<p>• The implementation of the different components should be aligned by the contractor in the implementation phase, with the elements of the architectural project;</p> <p>• The elements are given in an indication; the contractor must confirm them in time and perform precise measurements before the work is done;</p> <p>• All dimensions must be confirmed with the architectural project;</p> <p>• To ensure the work to be done with particular care in order not to damage the pre-existing installation, to make the safety of the building and the workers.</p>	

REF.	MANHOLE OF SIZE 600x600		MANHOLE OF SIZE 400x400	
	STONE	BRICK	STONE	BRICK
a	400	250	400	250
b	50	50	50	50
c	200	125	200	125
d	100	100	100	100
e	80	80	80	80
f	600	600	400	400
g	1400	1100	1200	900
h	180	180	180	180
i	700	700	500	500



TYPE	DESCRIPTION
1	EARTH STRANDED COPPER CONDUCTOR = 1 x 16mmsq.
2	EARTH ELECTRODE - COPPER ROD 1200 x 10mm
3	COMPRESSION CABLE TERMINAL FOR ROPE IN Cu Ø14.7 (HOLE Ø13)
4	PIN STAINLESS STEEL M12X40
5	FLAT WASHER IN STAINLESS STEEL Ø13 mm
6	DIE IN STAINLESS STEEL M12
7	GROUND STRAP IN Cu DIM. 260 x 100 x 6mm
8	EXPANSION SMALL BLOCK M10
9	FLAT IN Cu 30 x 3mm
10	CLAMP TERMINAL (EARTH ROD TO CONDUCTOR)
11	MANHOLE SIZE OF 400 x 400 x 500MM WITH CONCRETE COVER HAVING LIFTING LUG



GENERAL NOTES:

LEGEND

	NEW PARTITION
	EXISTING WALL

NOTE

- 1 - Copper Lightening Protection shall not be installed directly on aluminum roofing, siding or other aluminum surfaces.
- 2 - Down conductor entering corrosive soil shall be protected against corrosion for not less than 915mm above ground level and for entire length below grade level.
- 3- Service conduit entering a building underground shall be suitably drained. keeping the slope suitable to drain.

0	Rev.:	Date:	Description:	Approved
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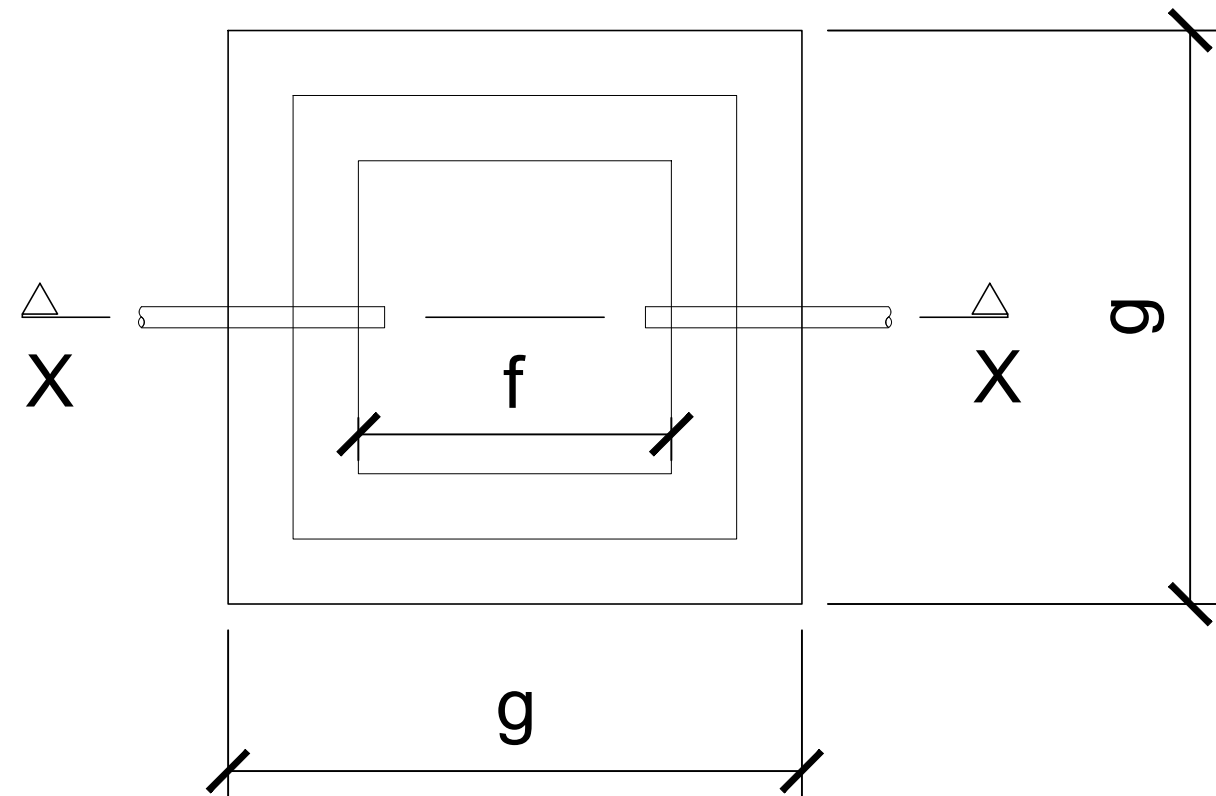
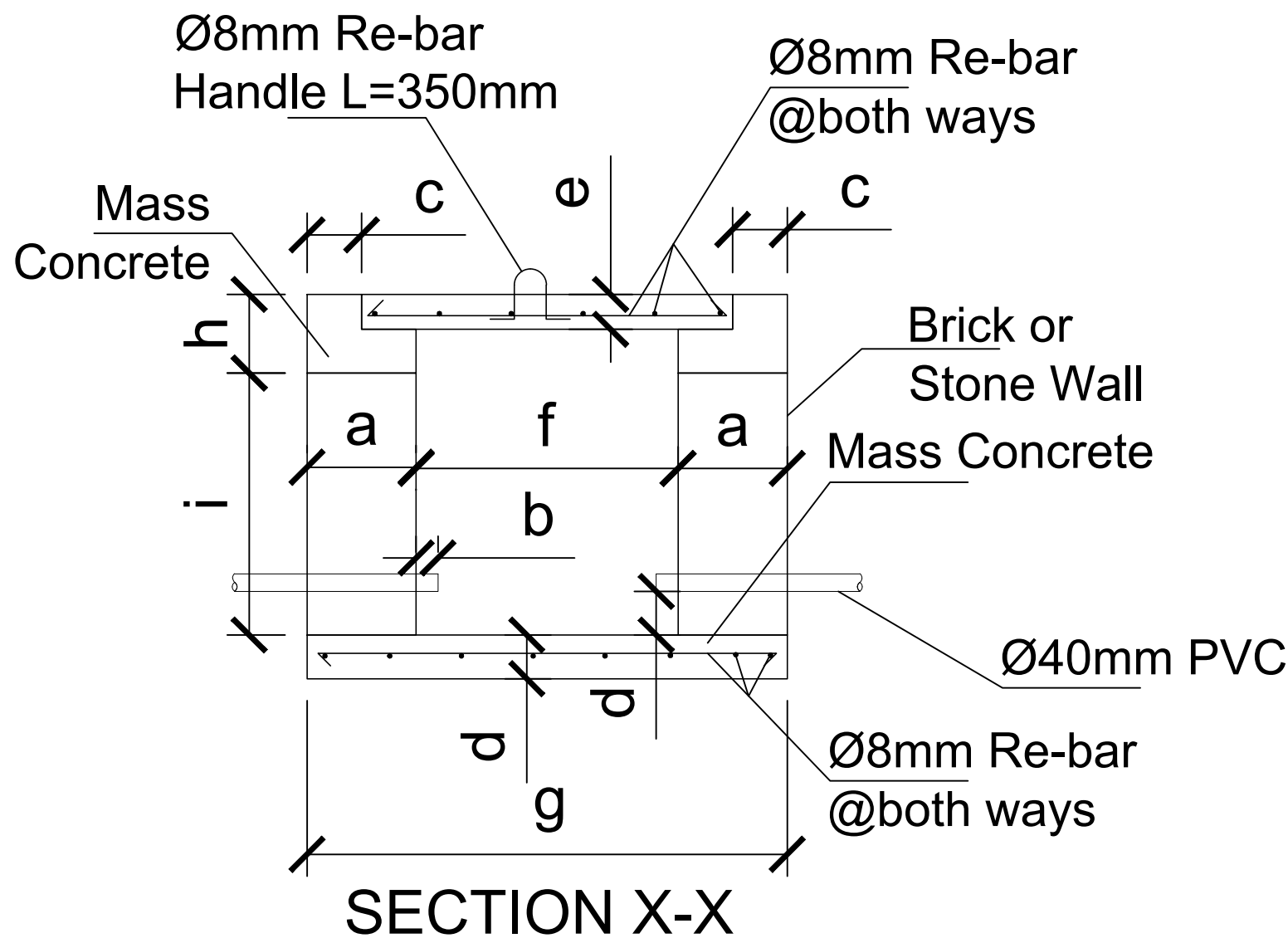
KEY PLAN

Funded By:		Partner:	
United Nations Higher Commission for Refugees Office for the AU (UNHCR)		United Nations Higher Commission for Refugees Office for the AU (UNHCR)	
Program:		Implemented By:	
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model		UNOPS ETHIOPIA OPERATIONAL HUB	
Project Name:		Design:	
GAMBELLA JEWI OSS Center		UNOPS ETHIOPIA OPERATIONAL HUB	

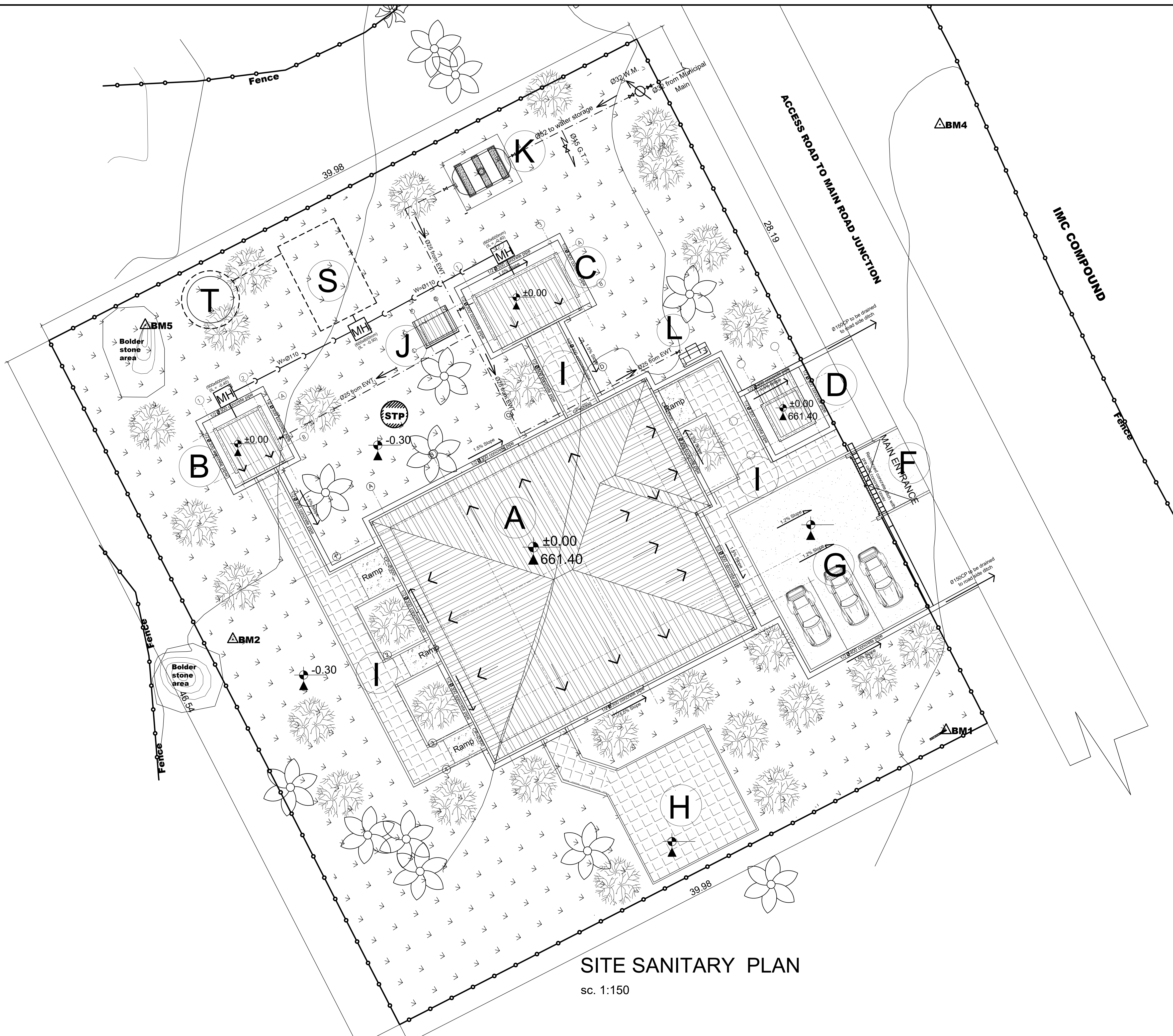
Drawing Title:

ELECTRICAL INSTALLATION PLAN- EARTHING AND MANHOLE DETAIL

Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
YG	EL	06	06	R1
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MA	YG		A1	1:50
		Date:	Rev.:	
		05 / 29 /2021	0	



SECTION A-A CABLE TRENCH DETAIL SCALE 1:25



SITE SANITARY PLAN

sc. 1:150

GENERAL NOTES:

LEGEND

- PPR pipe for cold water Supply for Internal use, PN-20
- HDPE pipe for cold water Supply for External use, PN-10
- Gate valve
- One way valve
- uPVC waste pipe, PN-6
- M.H. - Manhole
- D/P - Down Pipe
- G.T. - Garden tap
- CP. - Concrete Pipe
- W.M. - Water Meter

NOTE

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- PIPES SHOULD BE LAID AS PER THE FOLLOWING SLOPE
 - Provide a minimum of 2.0% slope for Ø50 horizontal drainage pipes.
 - Provide a minimum of 2.0% slope for Ø75 horizontal drainage pipes.
 - Provide a minimum of 1.5% slope for Ø110 horizontal drainage pipes.
 - Provide a minimum of 1.2% slope for Ø150 horizontal drainage pipes.
- ALL PIPE DIAMETERS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
- ALL WATER SUPPLY PIPE DIAMETERS GIVEN ARE NOMINAL (INTERNAL) DIAMETER. ALL COLD & HOT WATER PIPES ARE RUNNING AT ABOVE FALSE CEILING.
- FLOOR SLAB OF ALL WET AREAS (TOILET, KITCHEN, SHOWER, ETC.) MADE WITH APPROVED QUALITY WATER PROOFING MATERIAL BEFORE FLOOR FINISH BEING DONE. CONSULT THE ENGINEER.
- ALL uPVC WASTE WATER PIPES SHOULD NOT BE HEATED FOR CONNECTION. ALL PIPING CONNECTION SHOULD BE MADE WITH APPROVED FITTINGS.
- ALL uPVC WASTE WATER PIPE AND FITTING INSTALLATION ARE RUNNING AT ABOVE FALSE CEILING.
- ALL INSTALLATION SHALL BE ACCESSIBLE FOR FUTURE MAINTENANCE.

Rev.	Date	Description	Approved
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LEGEND

- A- OSS CENTER
- B- STAFF TOILET
- C- GUEST TOILET
- D- GUARD POST
- F- GATE
- G- PARKING
- H- LANDSCAPE
- I - PAVED WALKWAY
- J- GENERATOR HOUSE
- K - WATER RESERVOIR
- L - WATER POINTS
- S- SEPTIC TANK
- T- SOAK AWAY PIT

KEY PLAN

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United Nations Higher Commission for Refugees Office for the AU (UNHCR)	United Nations Higher Commission for Refugees Office for the AU (UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS , ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS , ETHIOPIA OPERATIONAL HUB

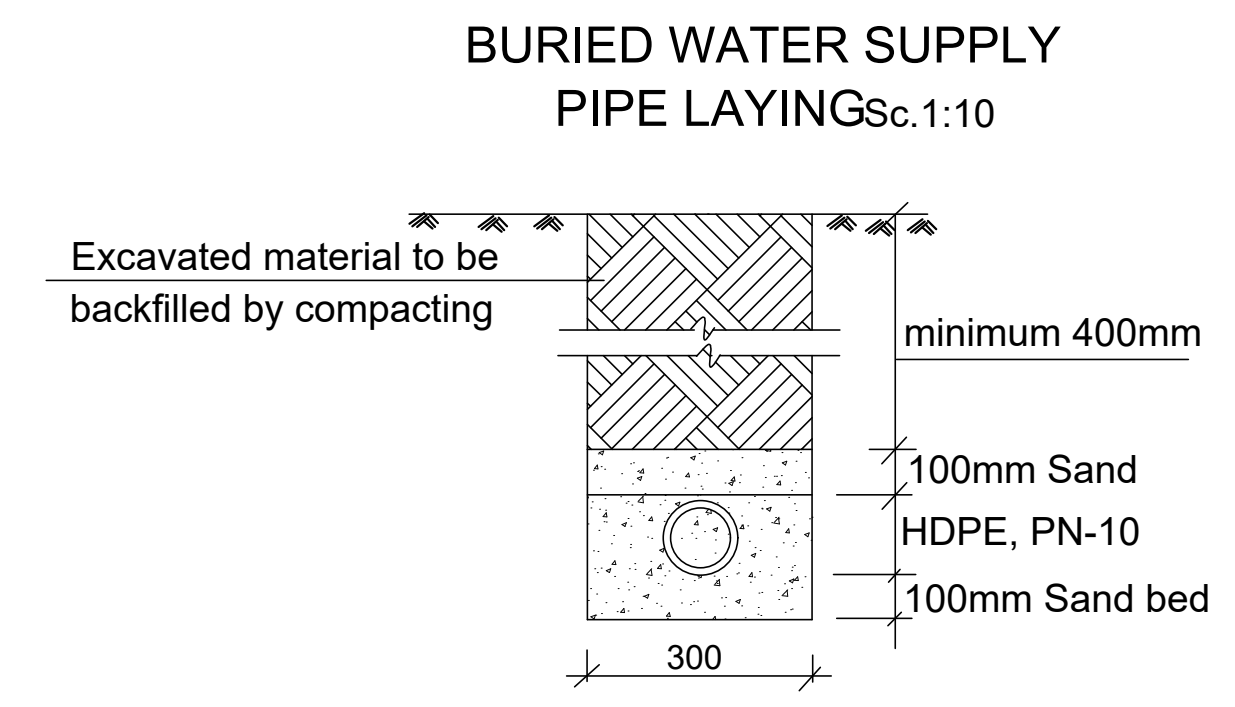
Drawing Title:				
JEWI SANITARY SITE PLAN (Water Supply, Wastewater & Storm Water Drainage System Layout)				

Designed by	Discipline	Dr. No.	Tot. No.	Rev No:
YG	SN	01	04	R0
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Ground floor sanitary layout
(Waste Water)
Scale 1:50

Ground floor sanitary layout (Water Supply)

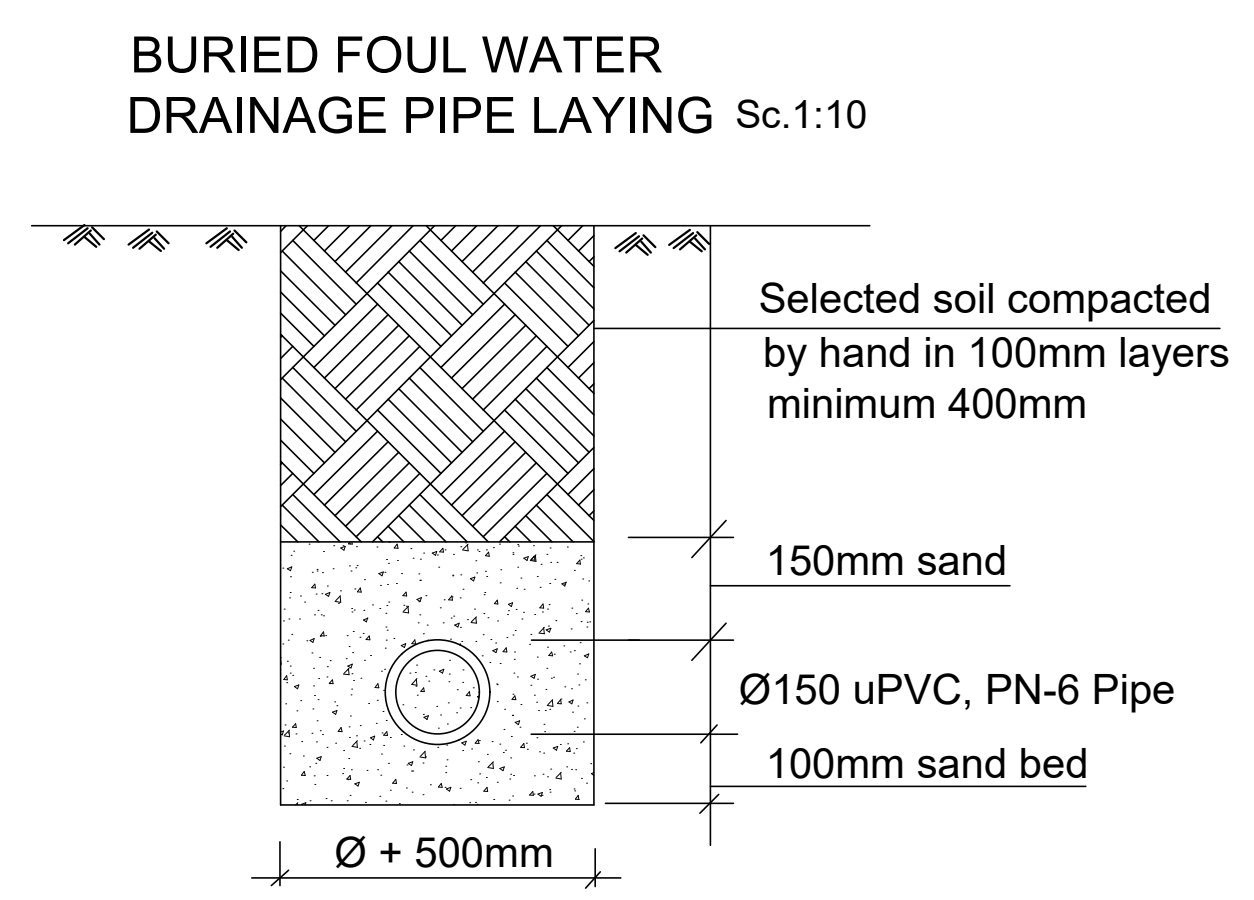
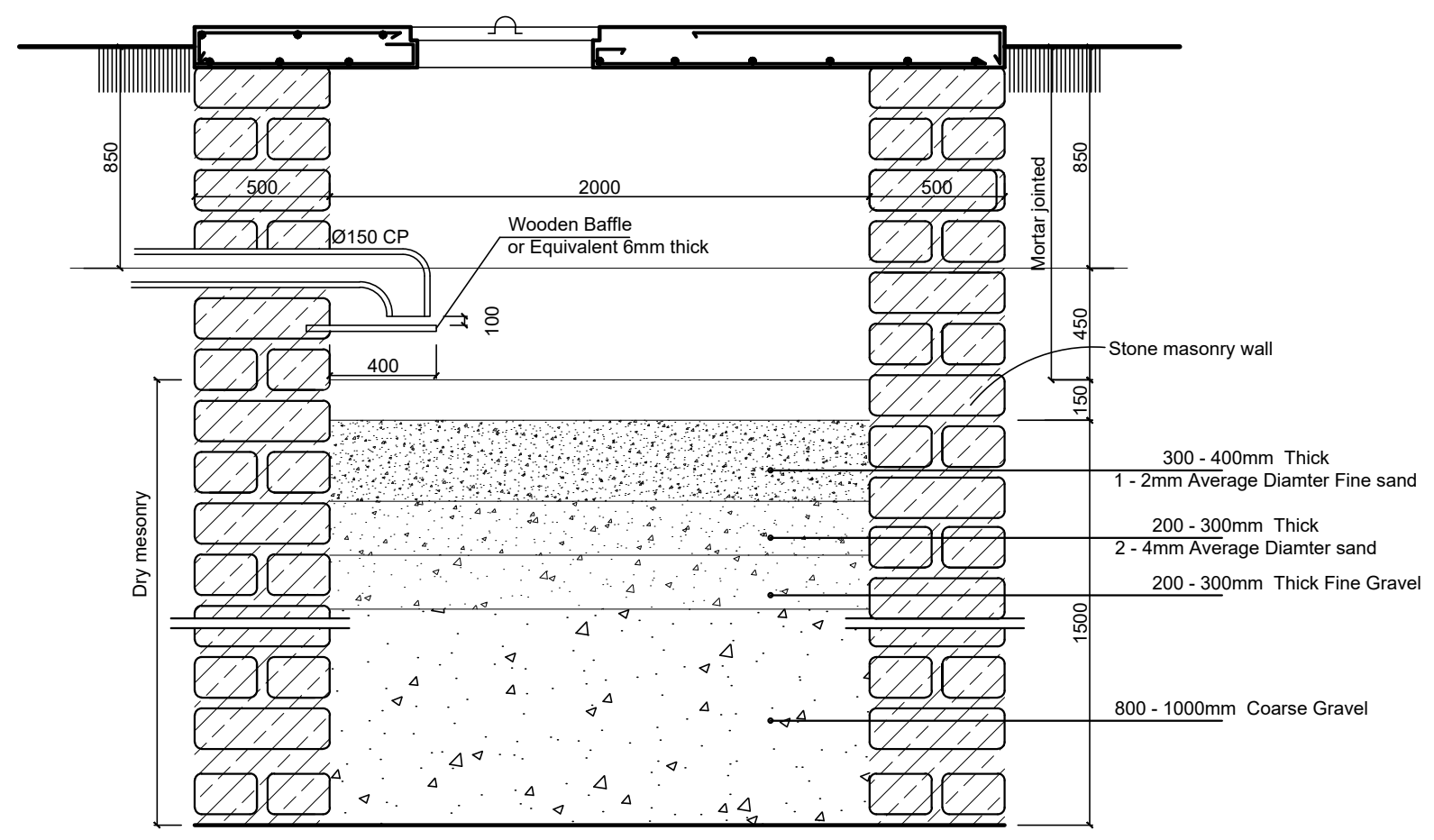
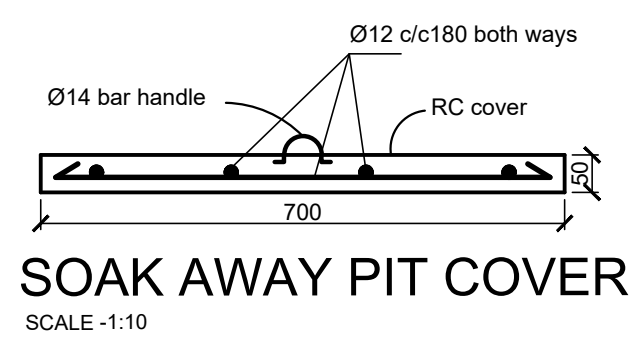
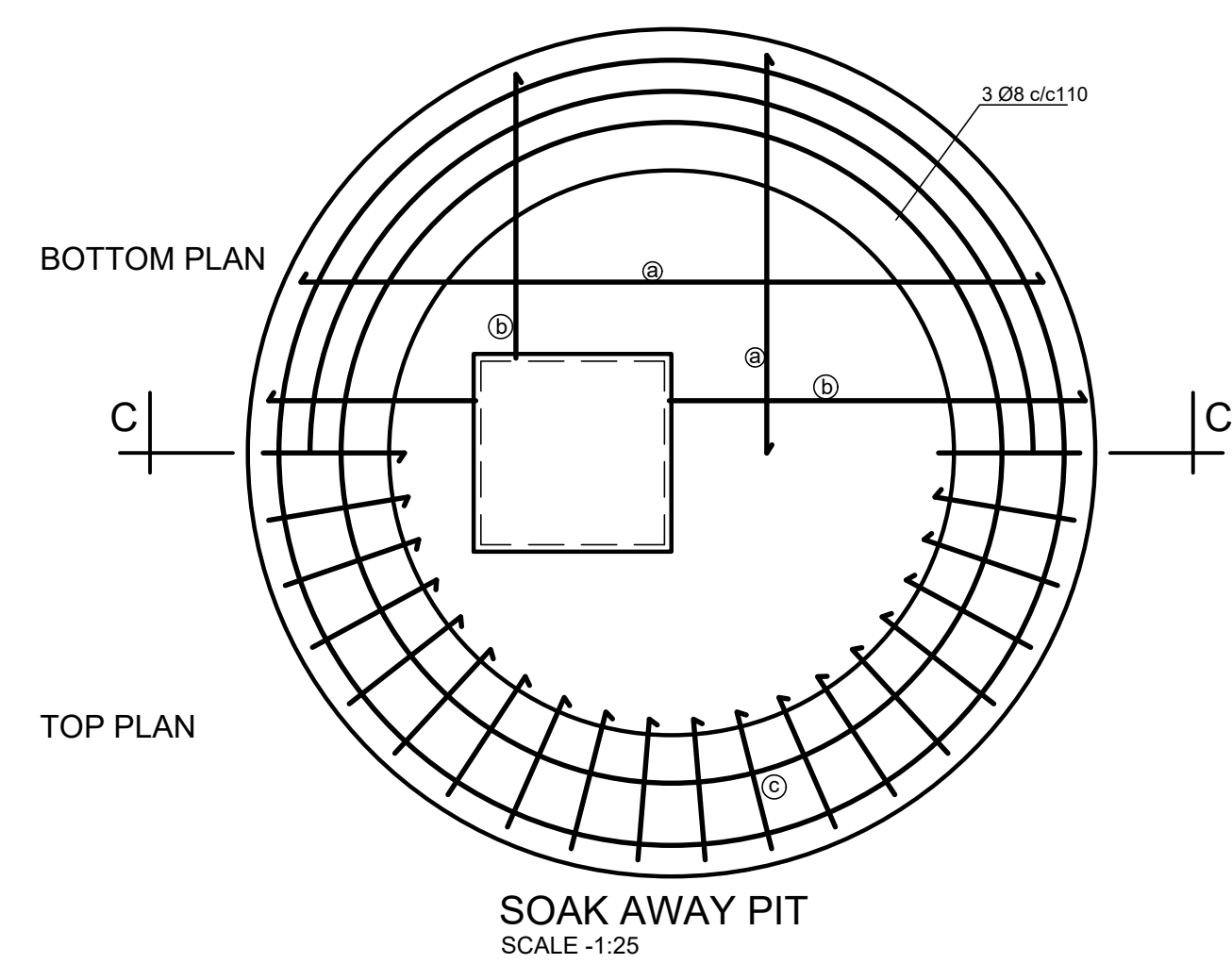
Scale 1:50



LEGEND

- | | |
|---|--|
|  | PPR pipe for cold water
Supply for Internal use, PN-20 |
|  | HDPE pipe for cold water
Supply for External use, PN-10 |
|  | Gate valve |
|  | uPVC waste pipe, PN-6 |
| M.H. - | Manhole |

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Rev.:	Date:	Description:	Approved	



KEY PLAN

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<p>Funded By:</p> <p>United Nations Higher Commission for Refugees Office for the AU (UNHCR)</p>		<p>Partner:</p> <p>United Nations Higher Commission for Refugees Office for the AU (UNHCR)</p>	
<p>Program:</p> <p>Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model</p>		<p>Implemented By:</p> <p>UNOPS ETHIOPIA OPERATIONAL HUB</p>	
<p>Project Name:</p> <p>Jewi Oss Center</p>		<p>Design:</p> <p>UNOPS ETHIOPIA OPERATIONAL HUB</p>	

PROPOSED GROUND FLOOR PLAN - REGISTRATION MODEL

Designed by			Discipline:	Dr. No:	Tot. No:	Rev No:		
YG			SN	02	04	R0		
Drawn:	Checked:	Approved:	Size:	Scale:	Date:	Rev.:		
FM	AE	BM	A1	1:50	02 /05 /2021	0		

GENERAL NOTES:

LEGEND

- PPR pipe for cold water
Supply for Internal use, PN-20
- HDPE pipe for cold water
Supply for External use, PN-10
- Gate valve
- uPVC waste pipe, PN-6
- M.H. - Manhole

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Rev.:	Date:	Description:	Approved	

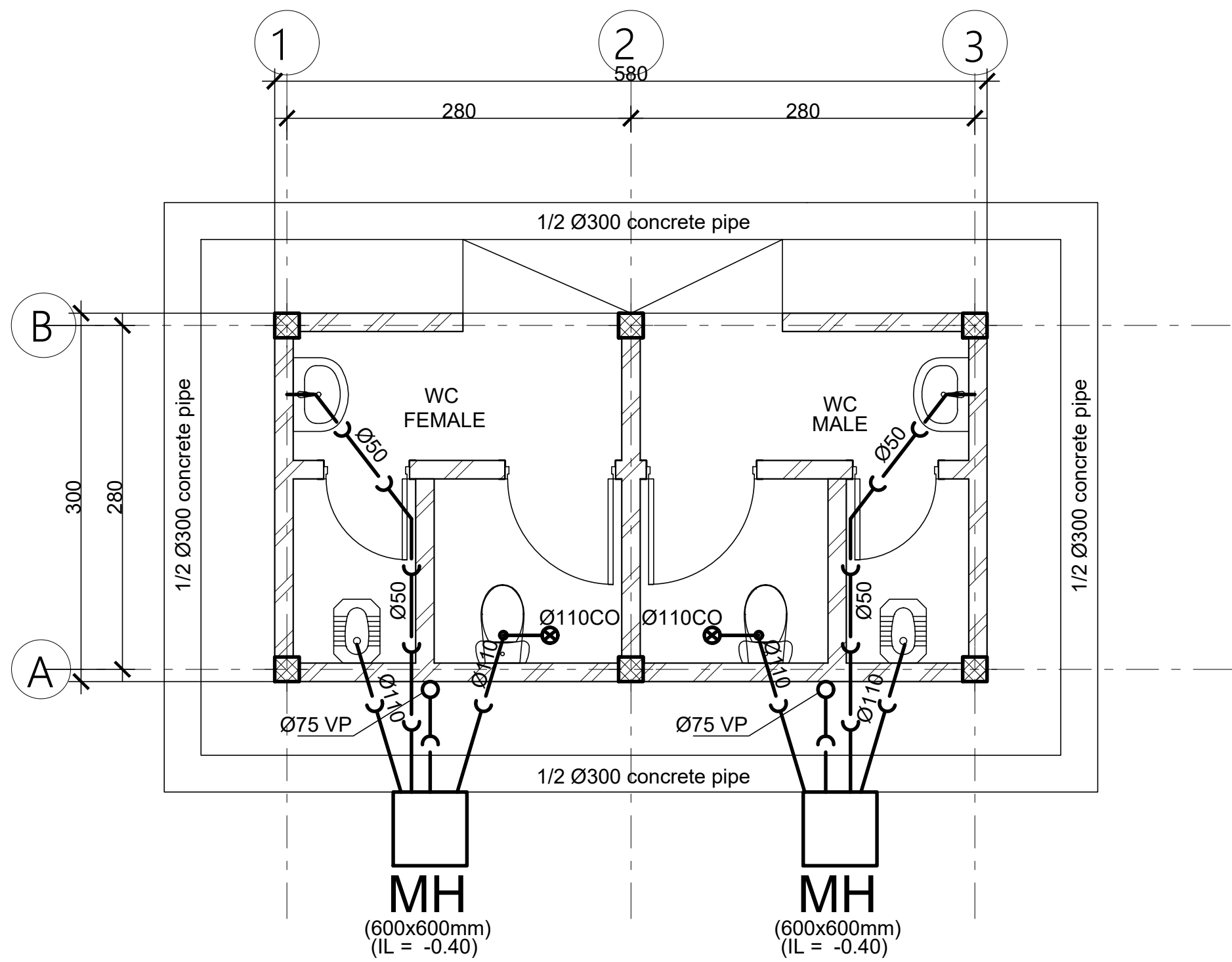
KEY PLAN

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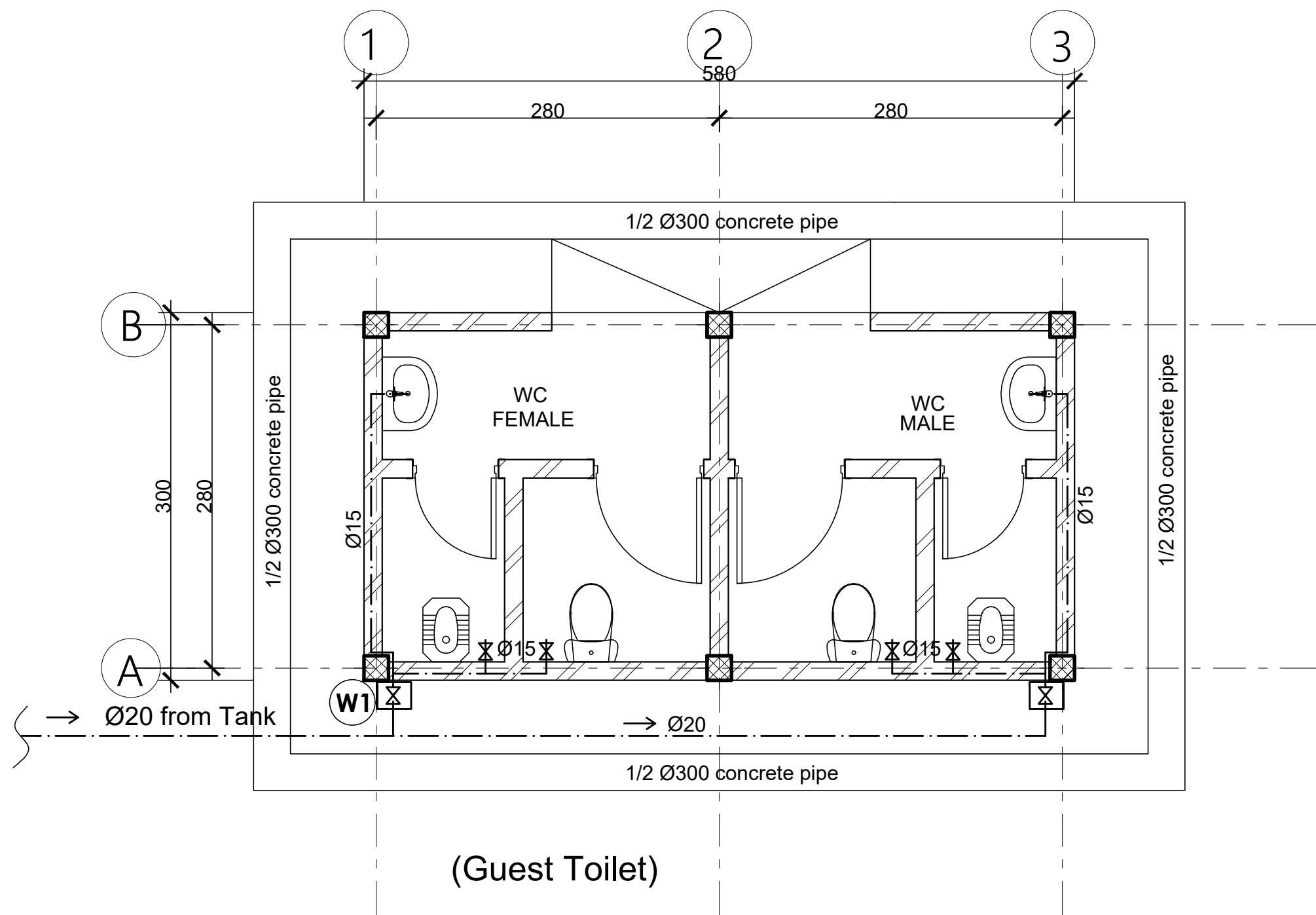
Funded By:	Partner:
United Nations Higher Commission for Refugees Office for the AU (UNHCR)	United Nations Higher Commission for Refugees Office for the AU (UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB

PROPOSED GROUND FLOOR PLAN - REGISTRATION MODEL

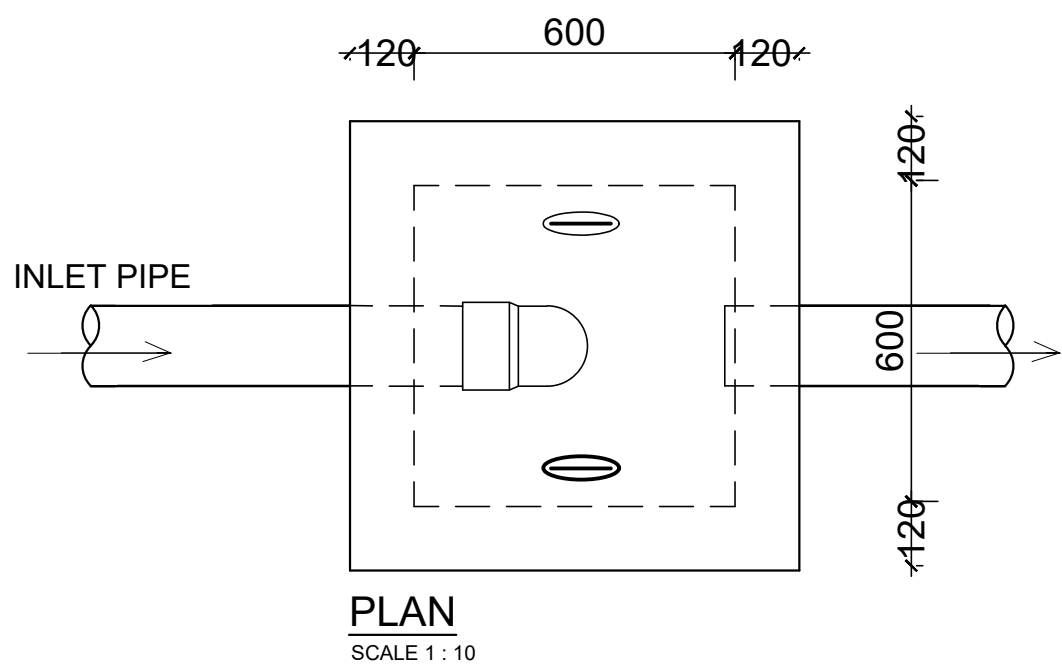
Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
YG	SN	03	04	R0
Drawn:	Checked:	Approved:	Size:	Scale:
FM	AE	BM	A1	1:50
		Date:	Rev.:	
		02 / 05 /2021	0	



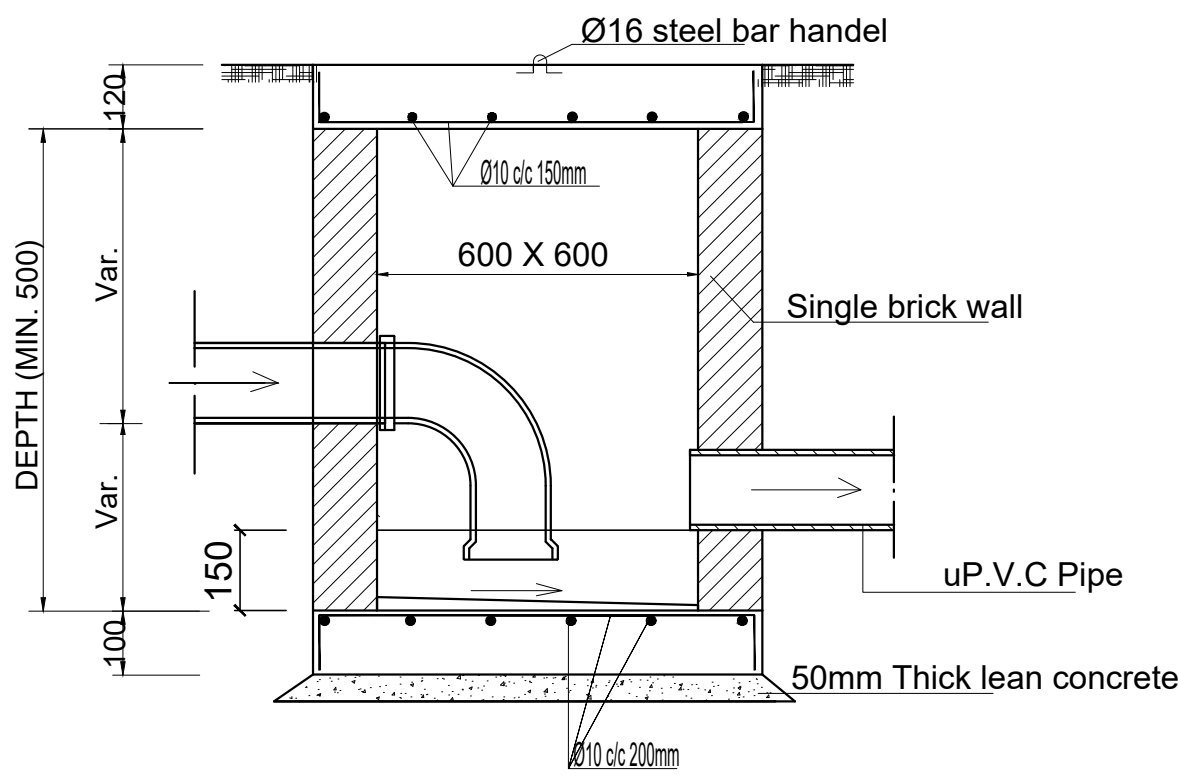
(Guest Toilet)
Ground floor sanitary layout
(Waste Water)
Scale 1:50



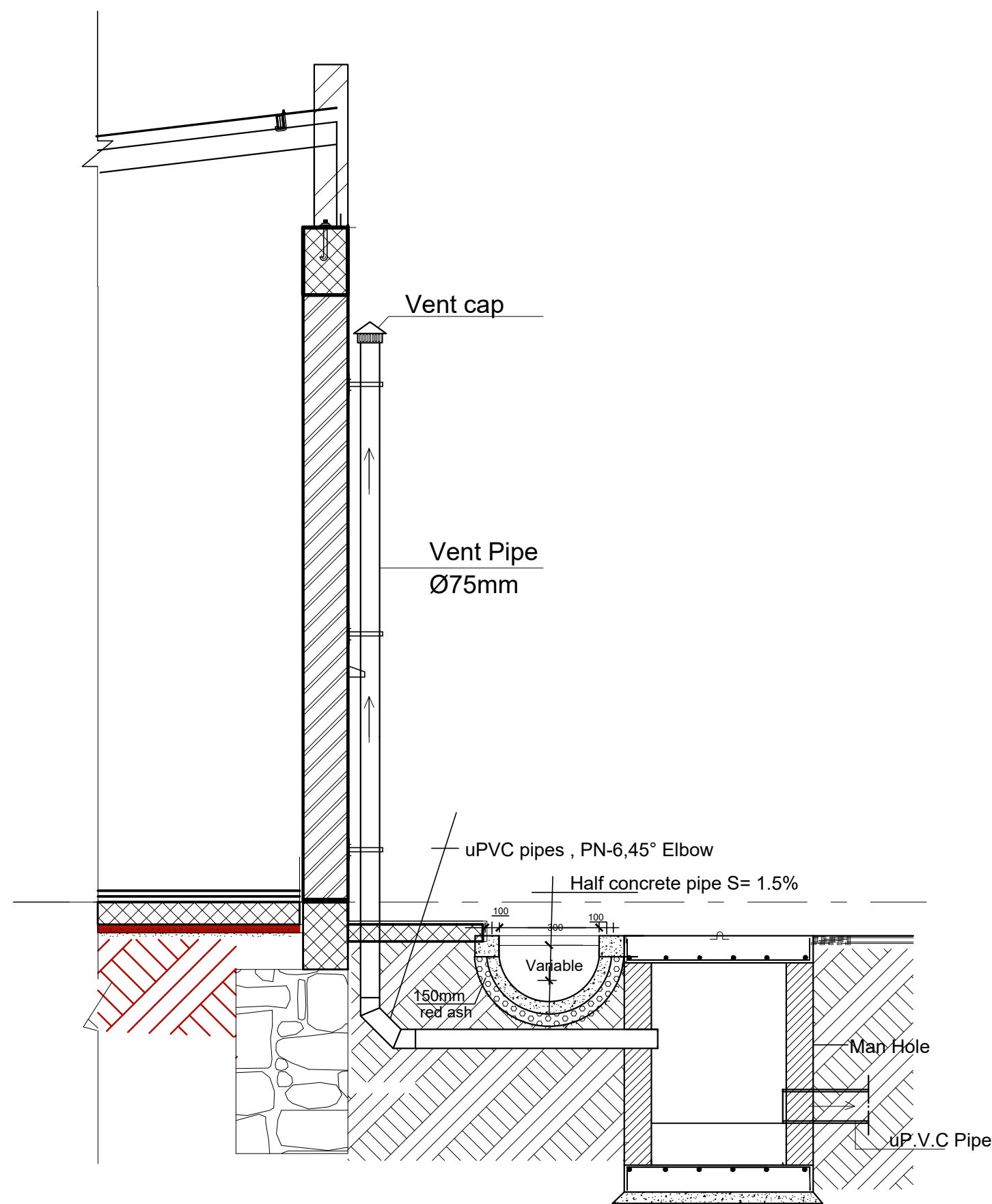
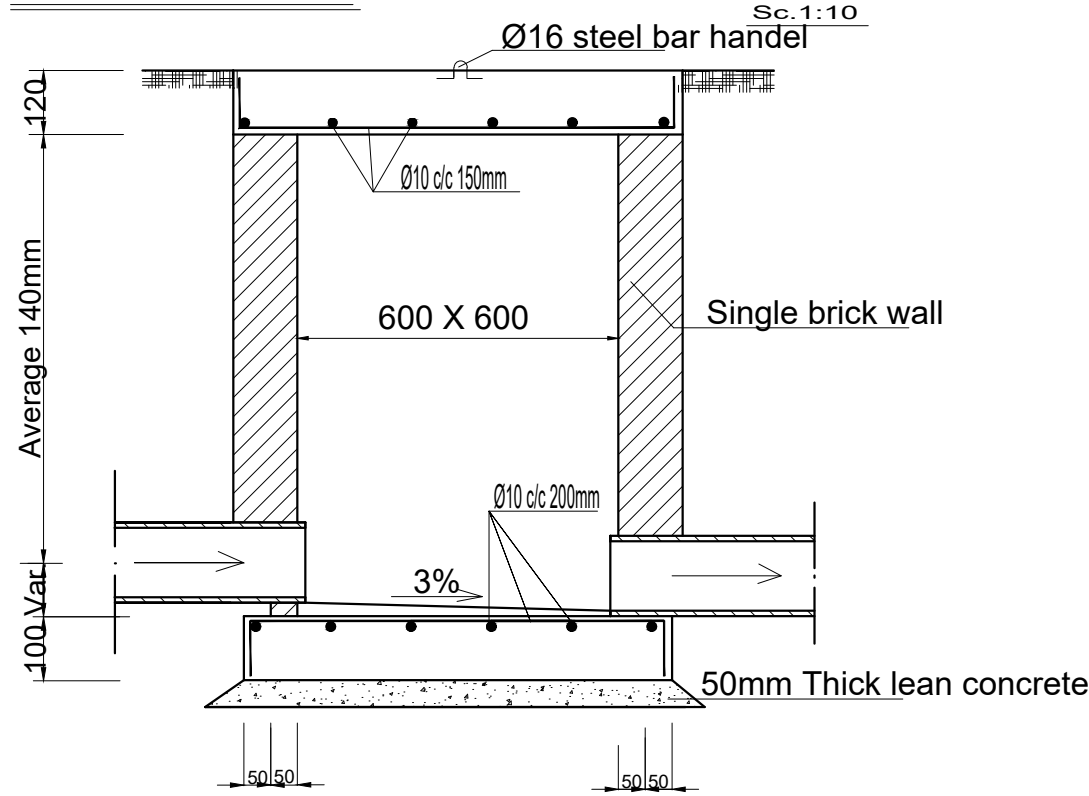
(Guest Toilet)
Ground floor sanitary layout
(Water Supply)
Scale 1:50



SECTION OF MAN HOLE DETAILS OF GULLY TRAP

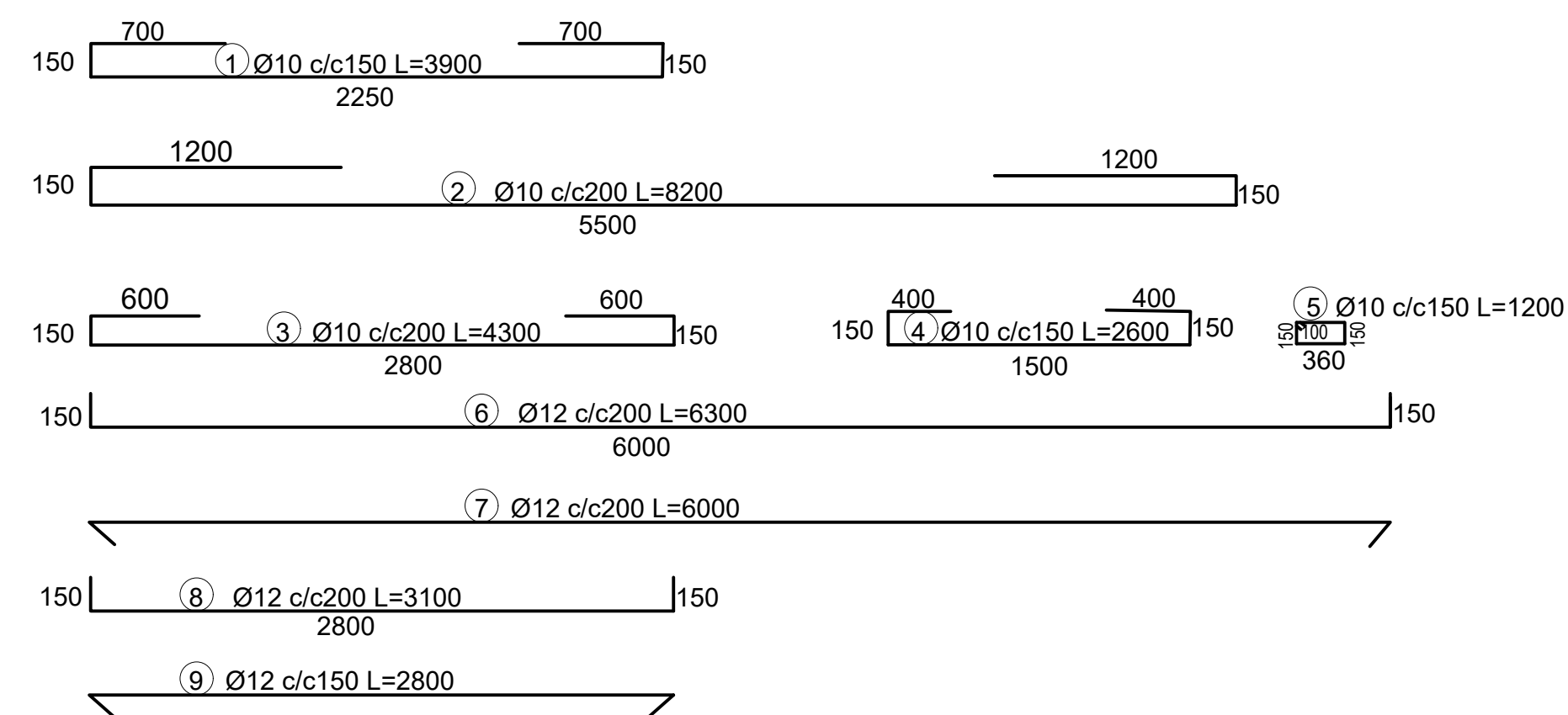


TYPICAL SECTION OF MAN HOLE FOR SITE WASTE WATER



VENT PIPE DETAILS
SCALE -1:25

TOP SLAB REINFORCEMENT (200mm thick)
SCALE 1:25



GENERAL NOTES:

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Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Jewi Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB

Septic Tank Details

Designed by			Discipline:	Dr. No:	Tot. No:			Rev No:		
YG			SN	04	04			R0		
Drawn:	Checked:	Approved:	Size:	Scale:	Date:			Rev.:		
FM	AE	BM	A1	1:25	02 / 05 / 2021			0		