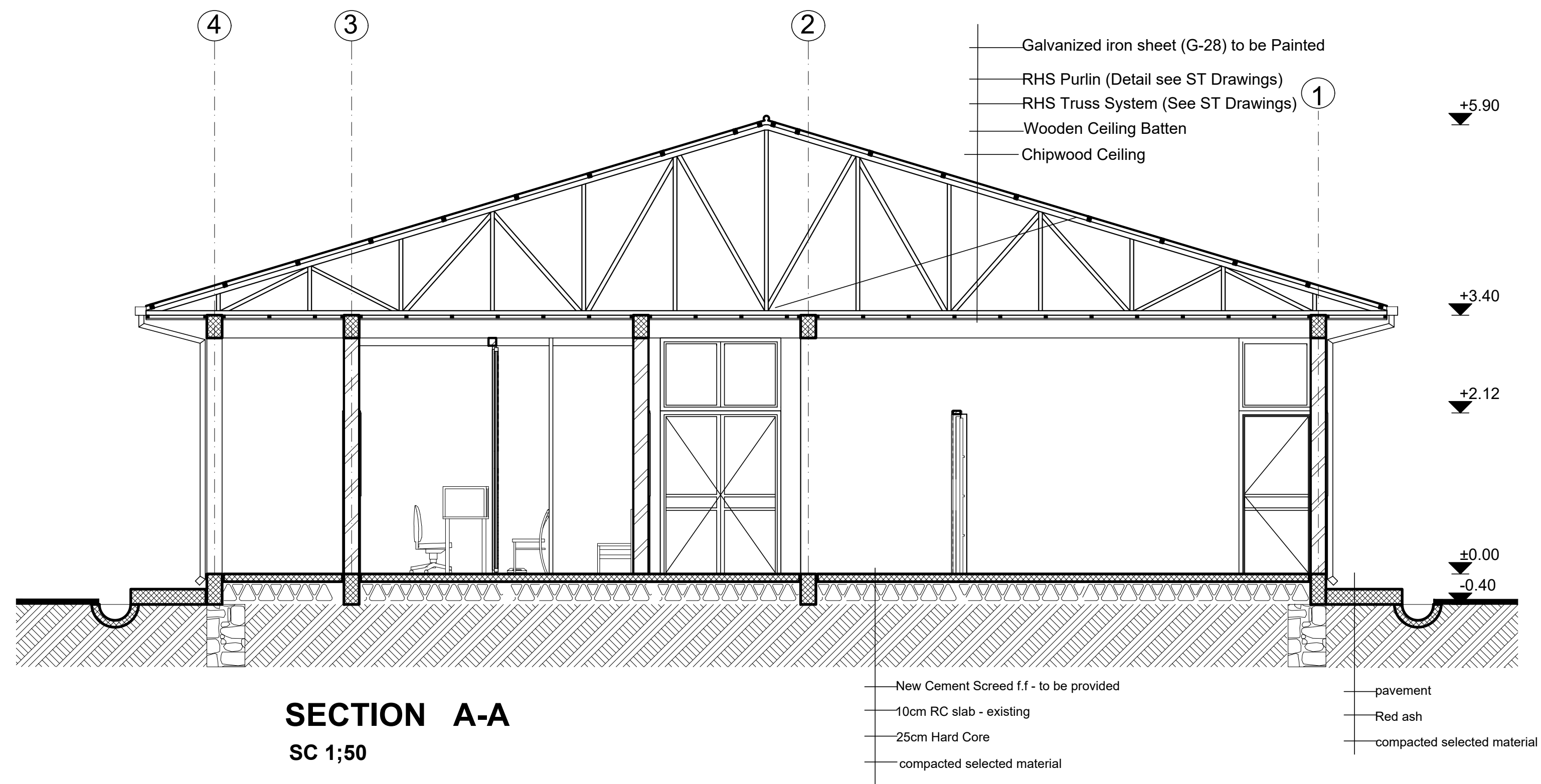


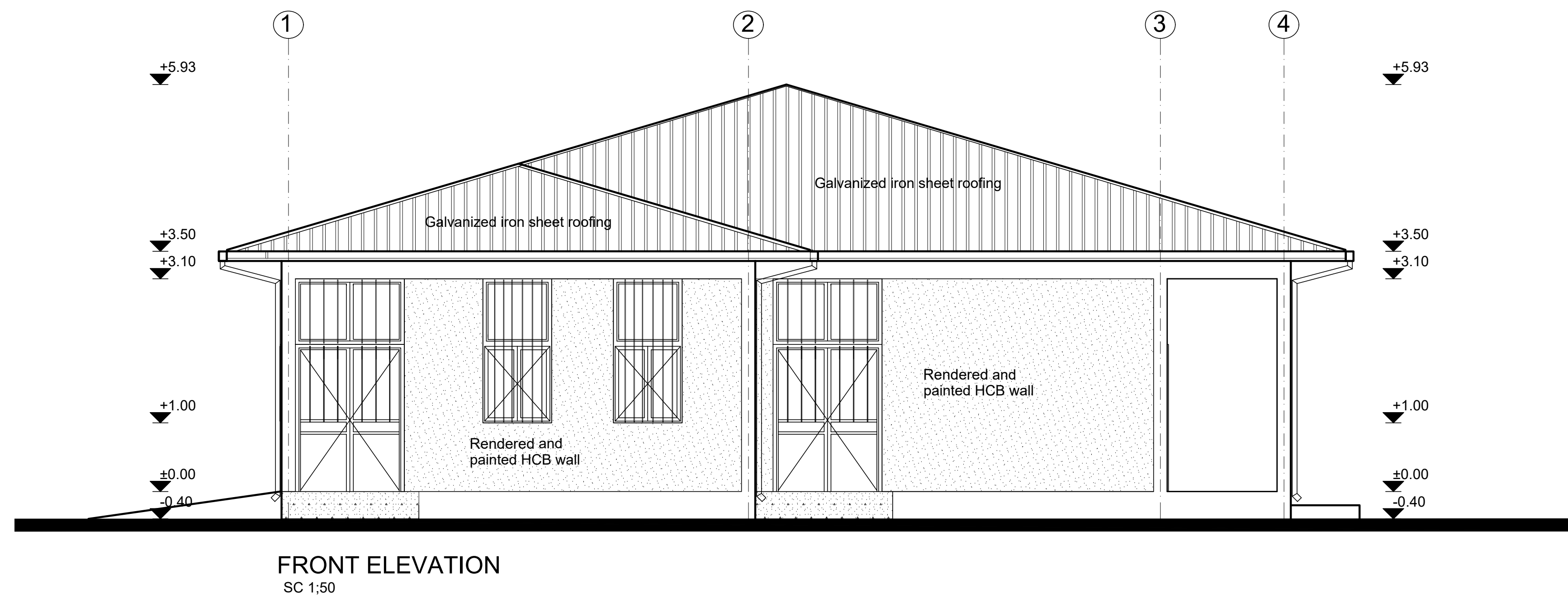
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Program:	Implemented by:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Pungindo-2 Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB
Drawing Title:	

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MM			AR	03	12	R0		
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SECTION A-A  
SC 1:50



FRONT ELEVATION  
SC 1:50

GENERAL NOTES:

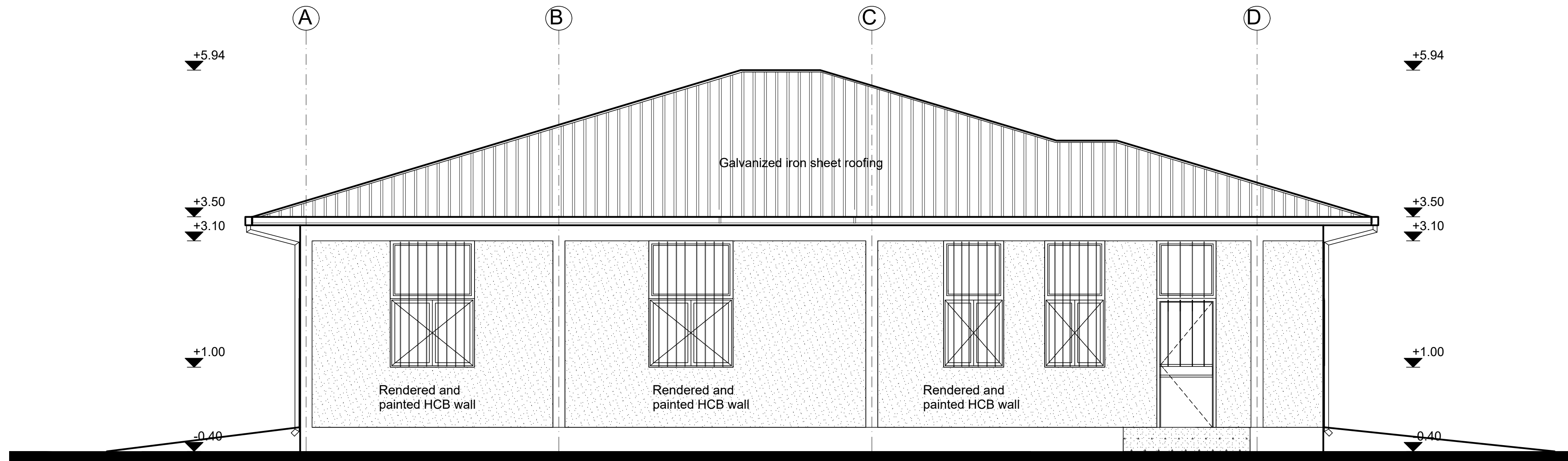
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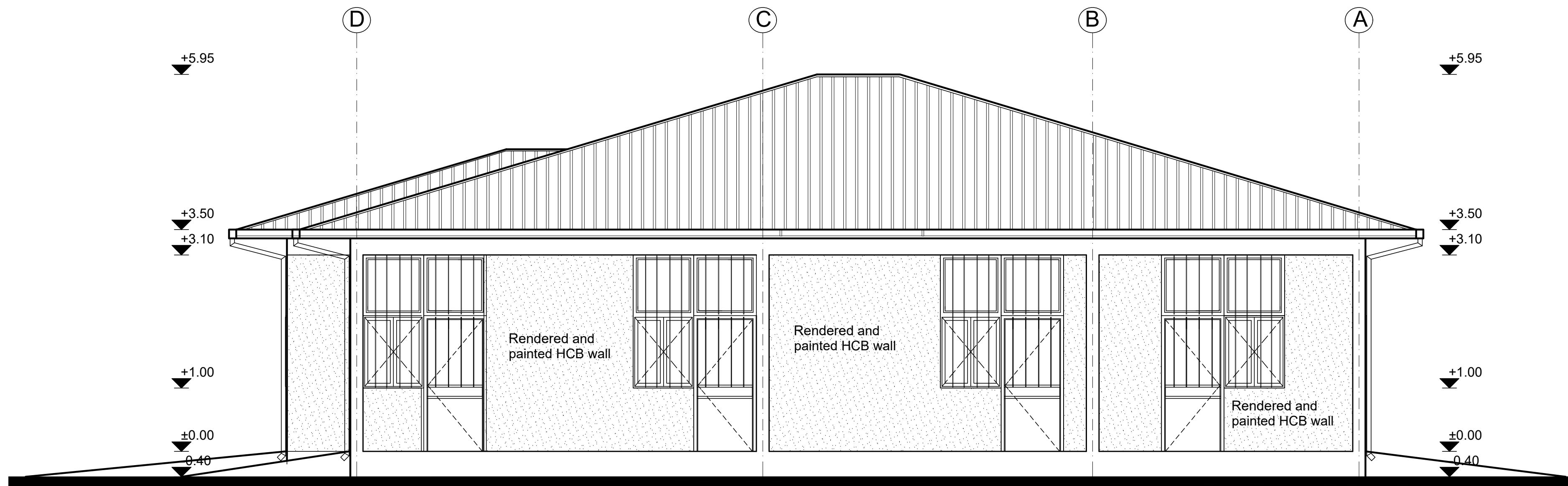
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Project Name:	Design:
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Drawing Title:	

SECTION & ELEVATION - REGISTRATION MODEL

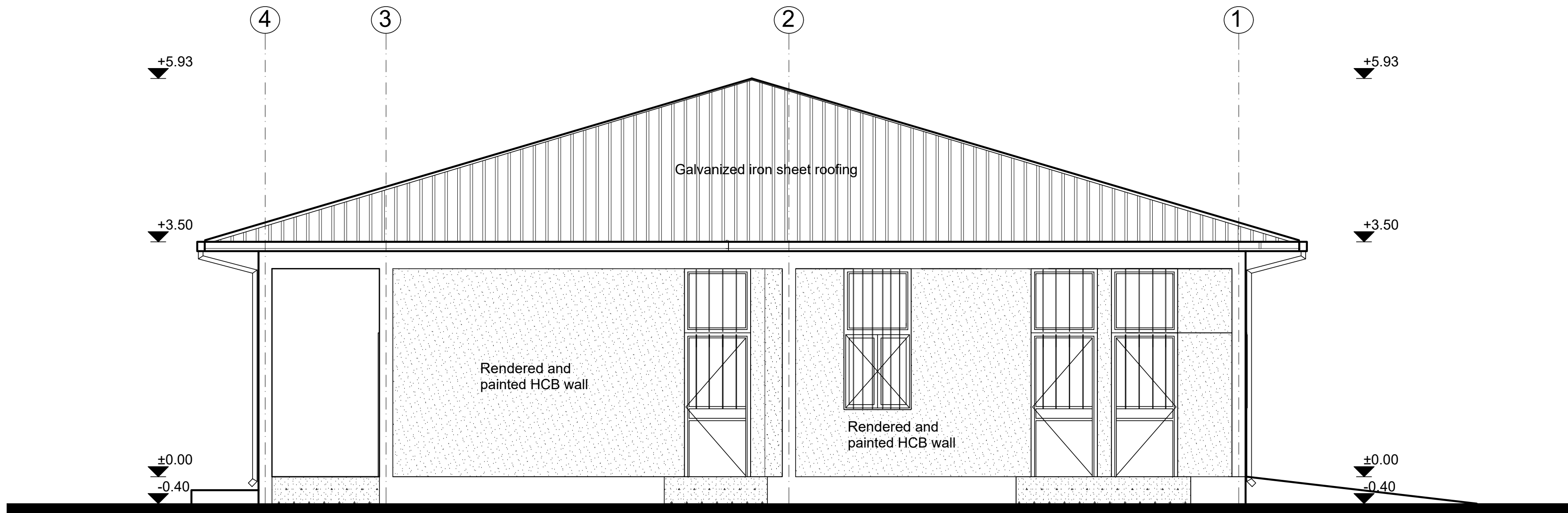
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				Rev.:	
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LEFT SIDE ELEVATION  
SC 1;50



RIGHT SIDE ELEVATION  
SC 1;50



REAR ELEVATION  
SC 1;50

GENERAL NOTES:

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Funded By:

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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:

Pungindo-2 Oss Center

Design:

UNOPS ETHIOPIA OPERATIONAL HUB

Drawing Title:

ELEVATION- REGISTRATION MODEL

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				02 / 05 /2021
				Rev.:
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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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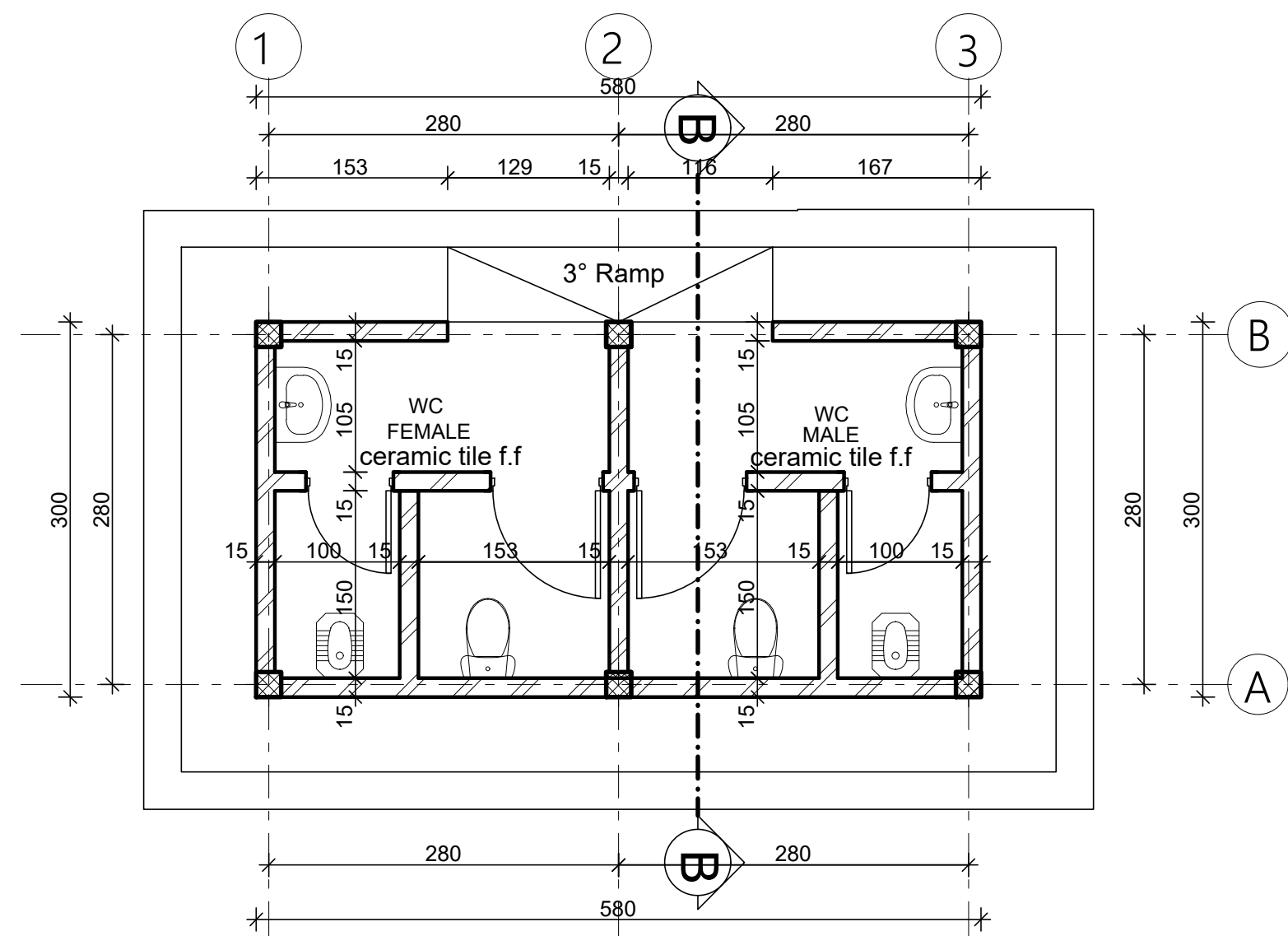
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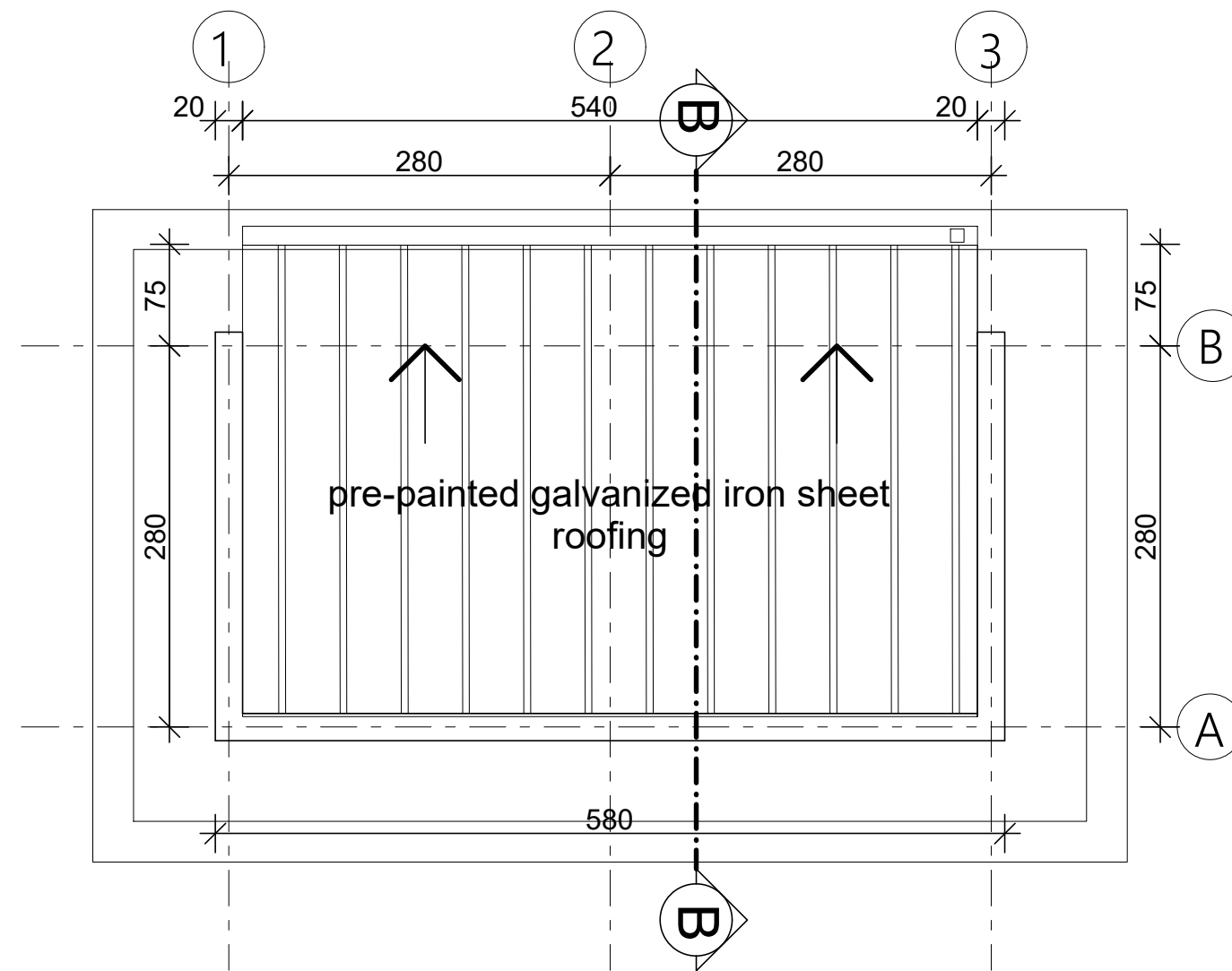
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Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Pungindo-2 Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB
Drawing Title:	

WINDOW DOOR SCHEDULE - REGISTRATION MODEL

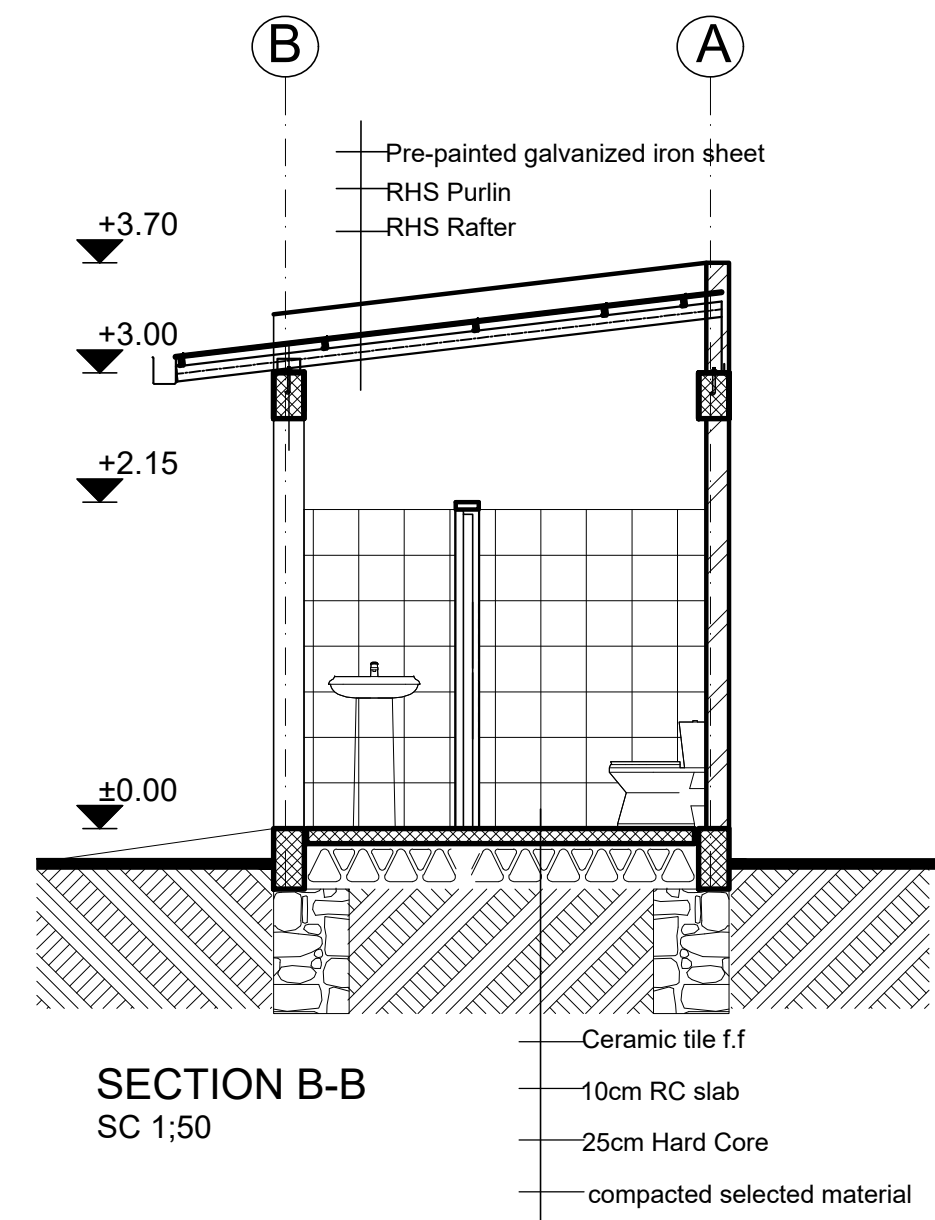
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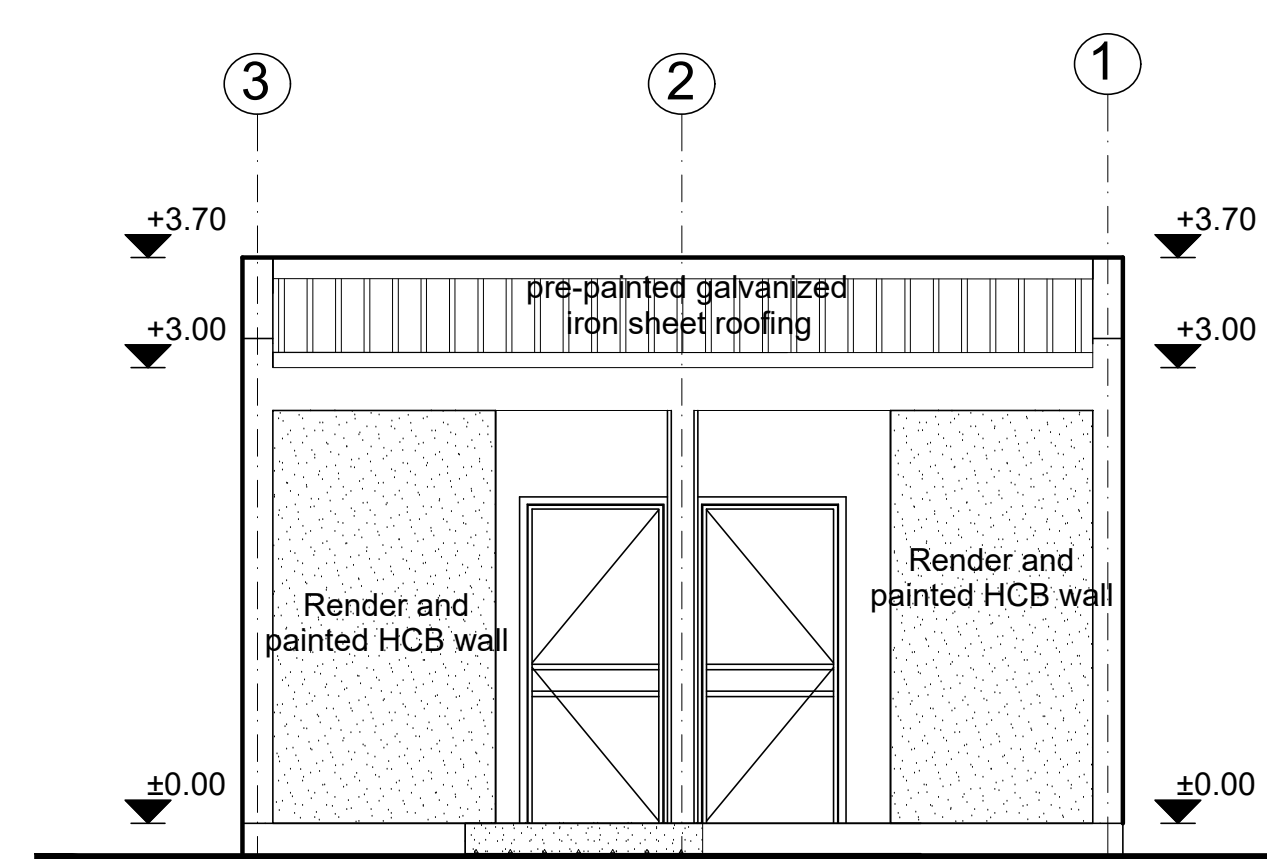
Ground Floor Plan  
sc. 1:50 (Guest Toilet)



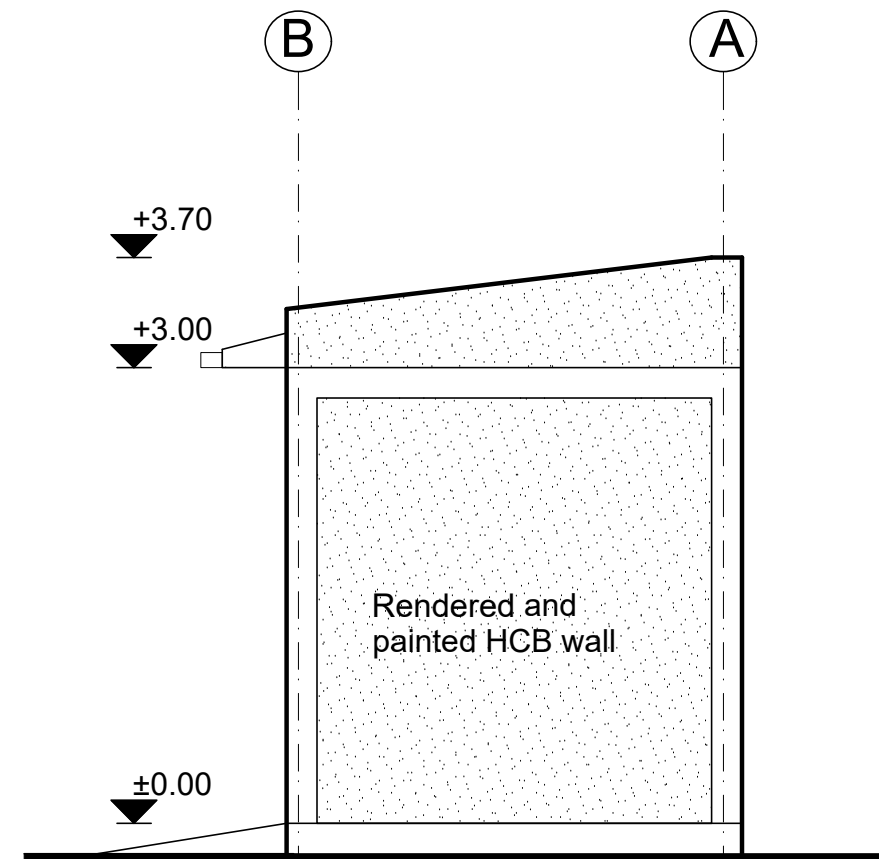
ROOF PLAN  
SC 1:50 (Guest Toilet)



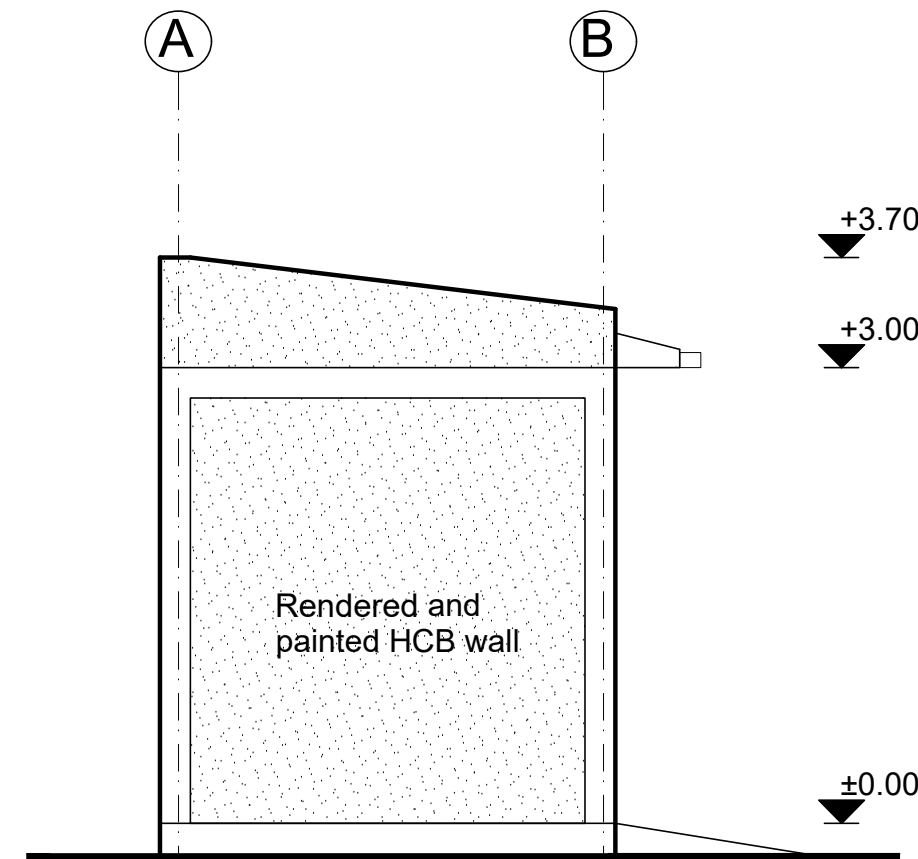
SECTION B-B  
SC 1:50



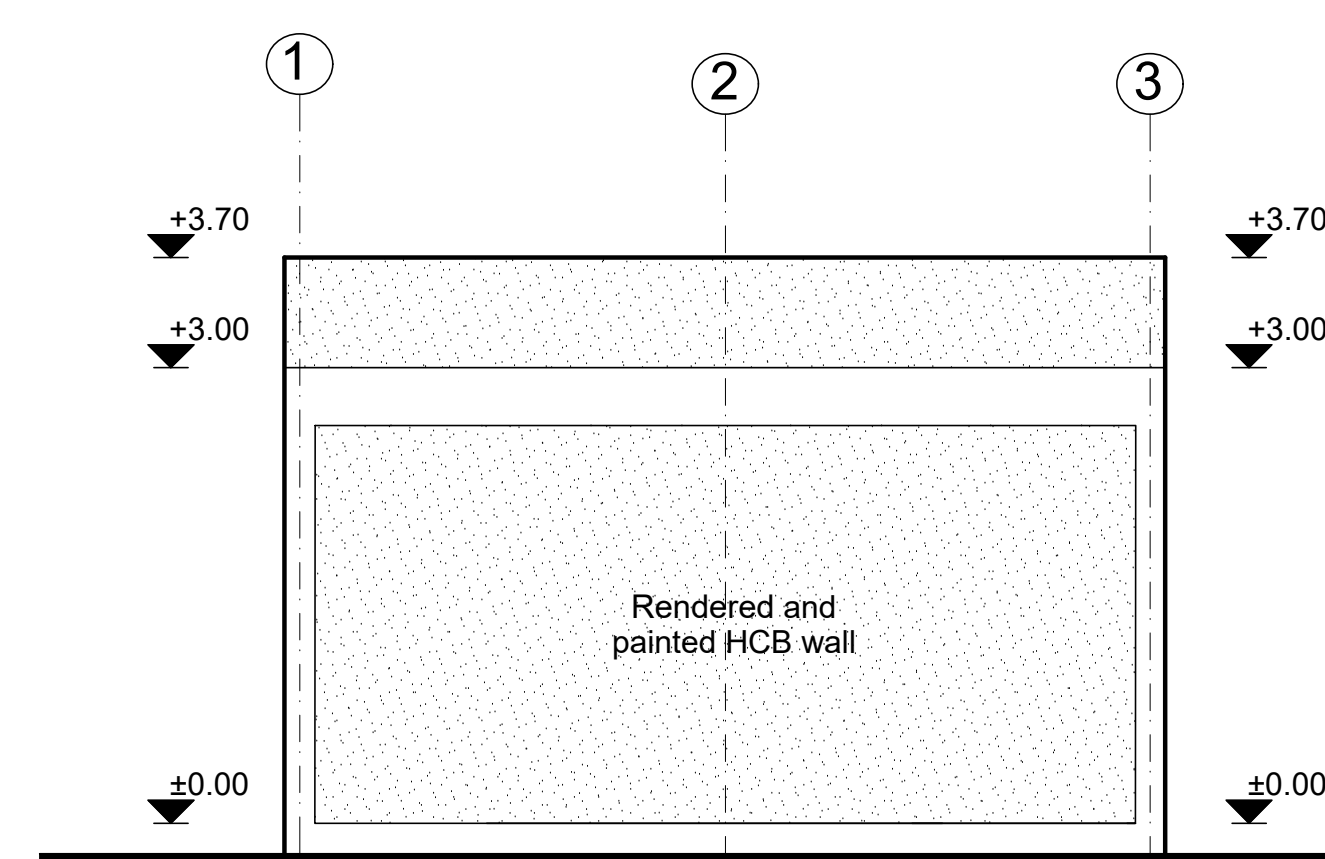
FRONT ELEVATION  
SC 1:50



RIGHT SIDE ELEVATION  
SC 1:50



LEFT SIDE ELEVATION  
SC 1:50



REAR ELEVATION  
SC 1:50

GENERAL NOTES:

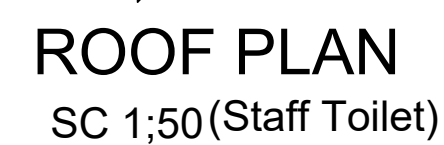
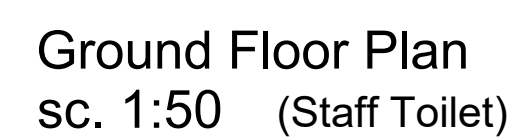
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Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Pungindo-2 Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB
Drawing Title:	

#### GUEST TOILET PLANS

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GENERAL NOTES:

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## KEY PLAN

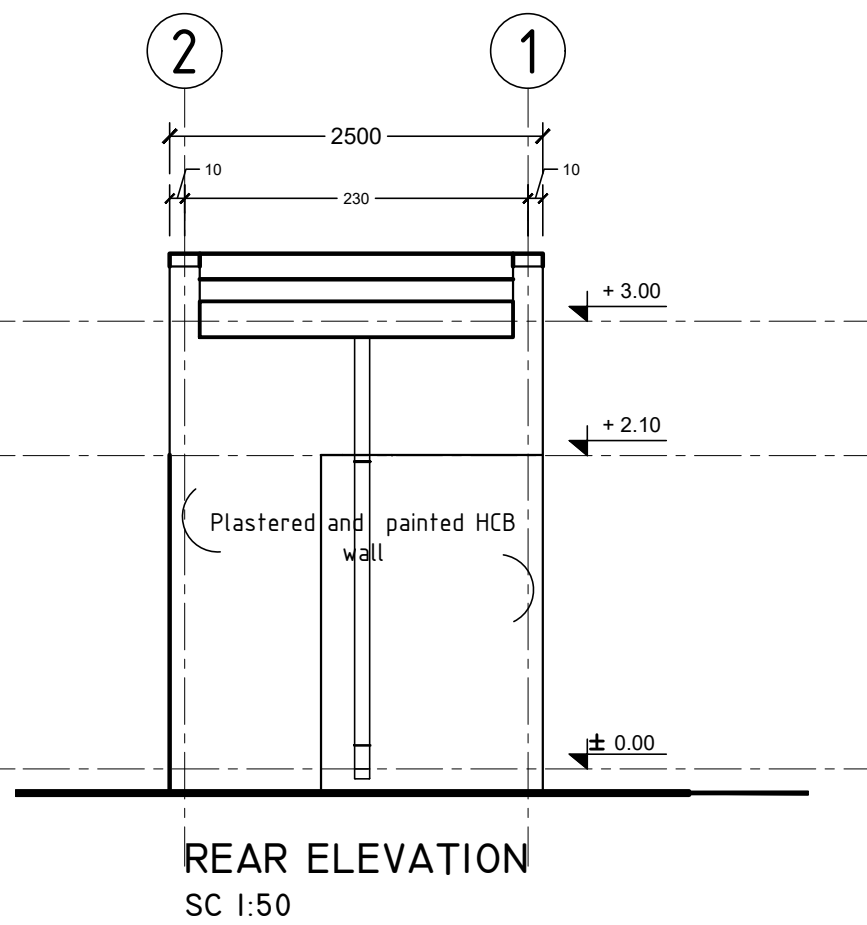
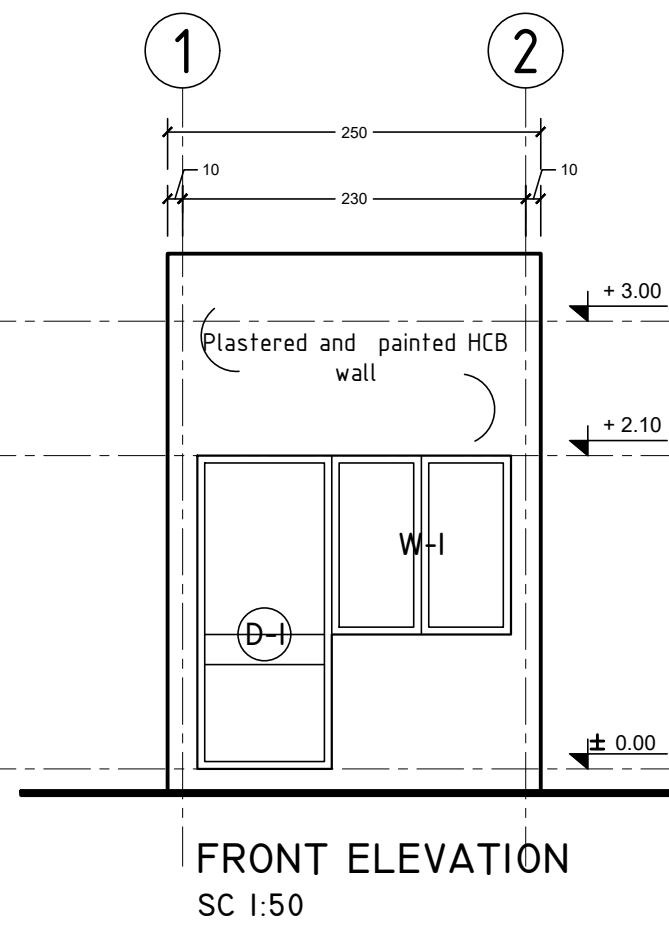
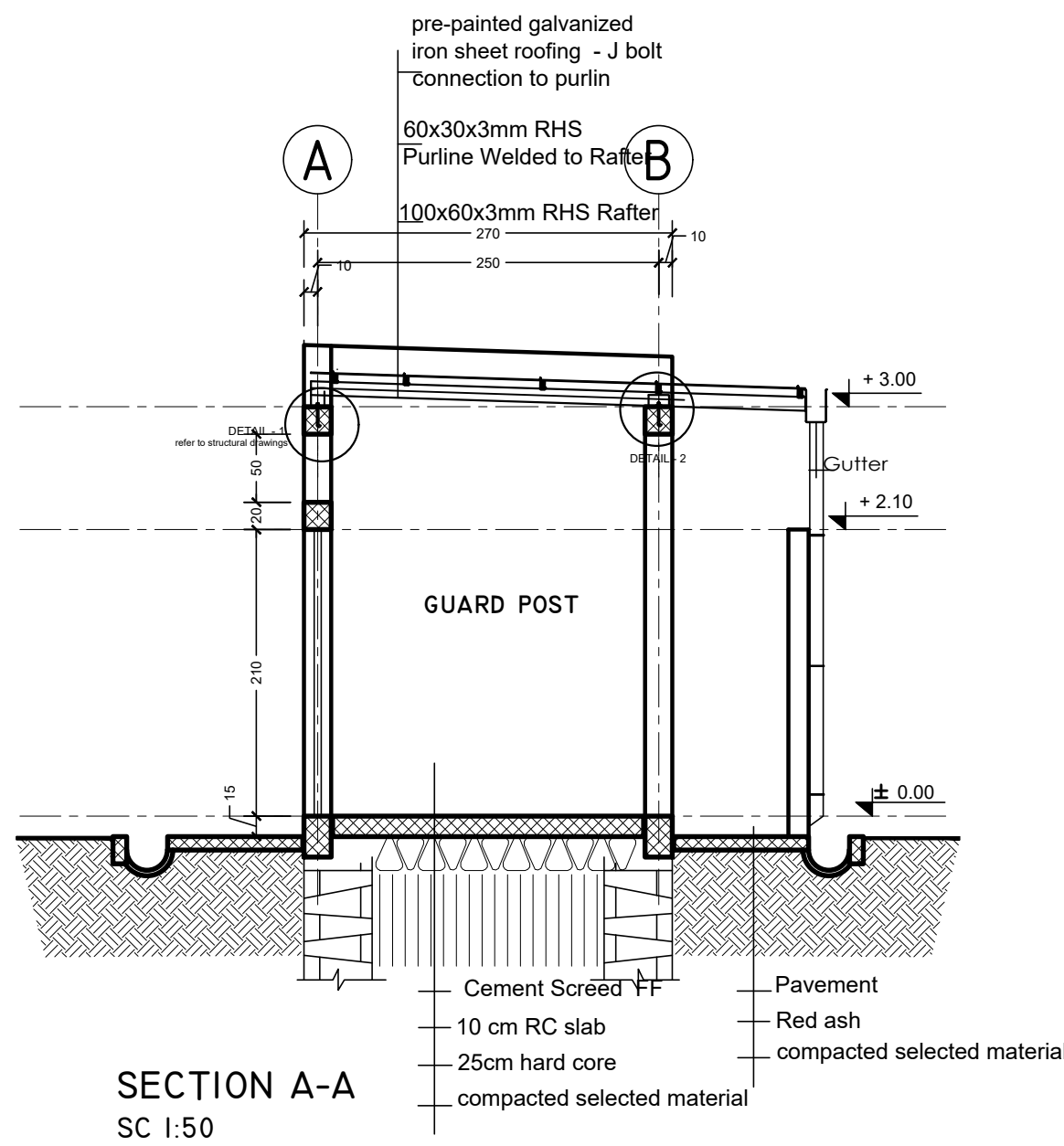
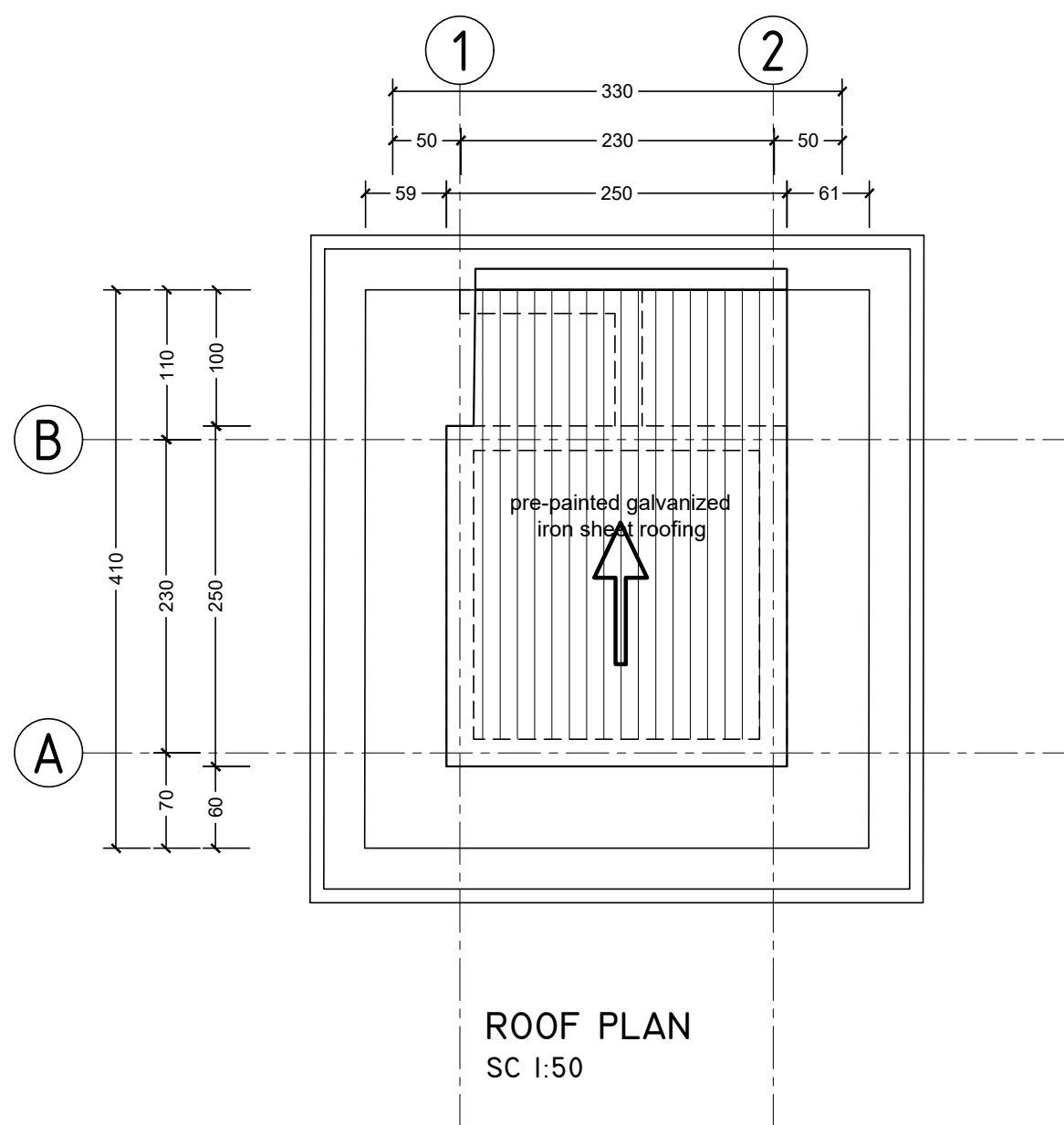
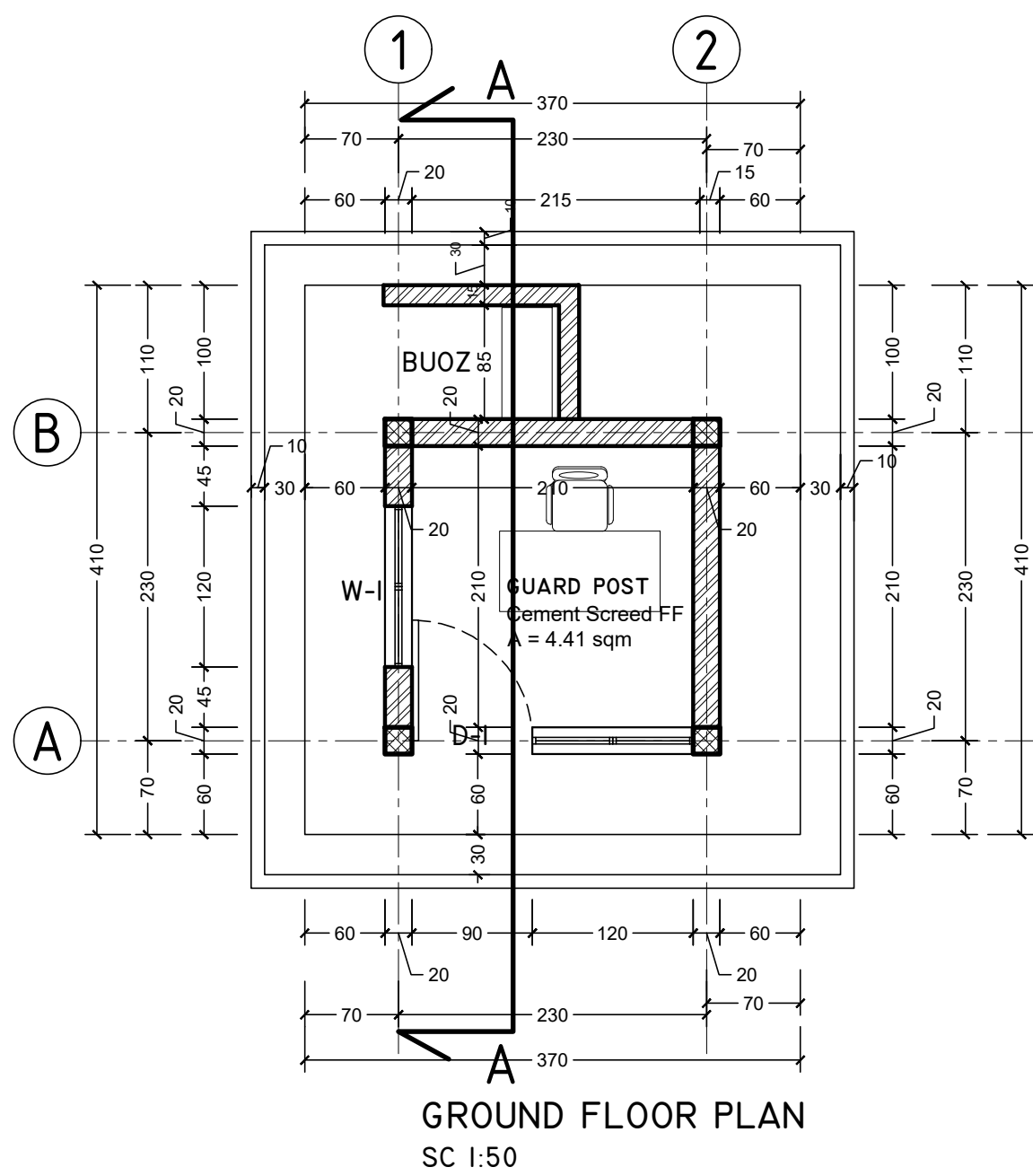
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<p><b>Program:</b></p> <p>Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model</p>	<p><b>Implemented By:</b></p> <p>UNOPS ETHIOPIA OPERATIONAL HUB</p>
<p><b>Project Name:</b></p> <p>Pungindo-2 Oss Center</p>	<p><b>Design:</b></p> <p>UNOPS ETHIOPIA OPERATIONAL HUB</p>

## STAFF TOILET PLANS

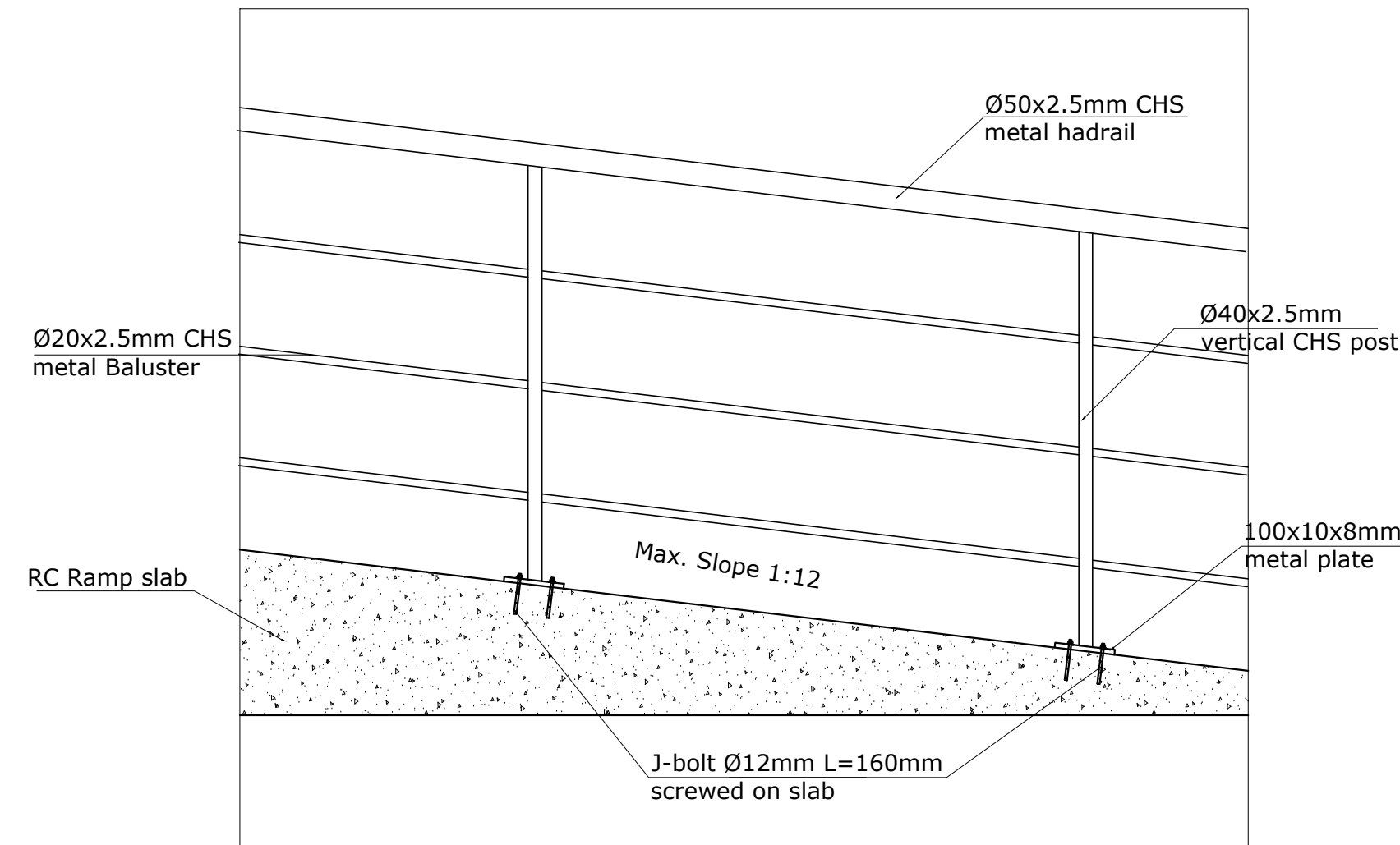
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WINDOWS AND DOOR SCHEDULE  
SC 1:50

	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



TYPICAL RAMP HANDRAIL DETAIL  
Scale 1:20

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:

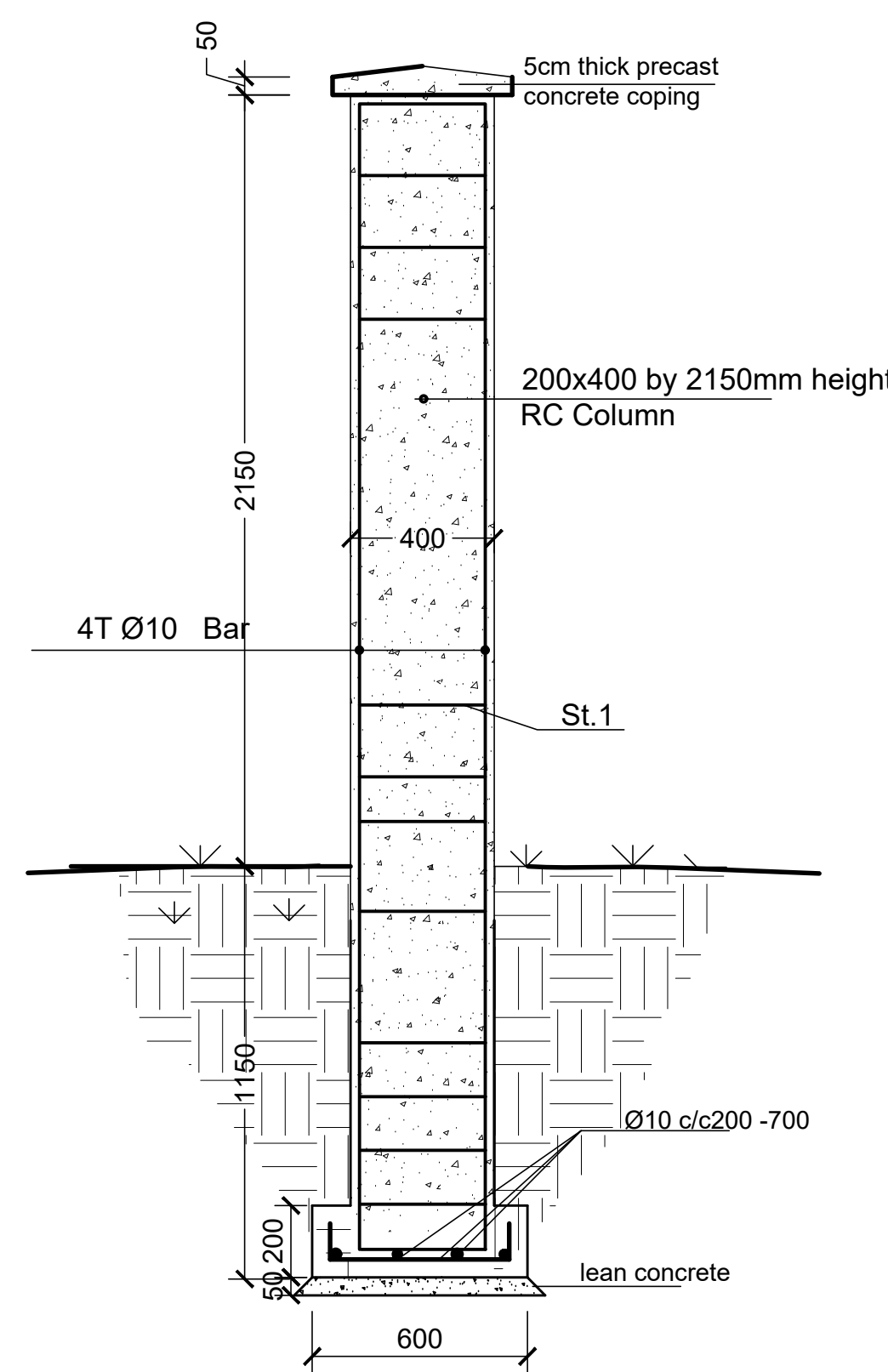
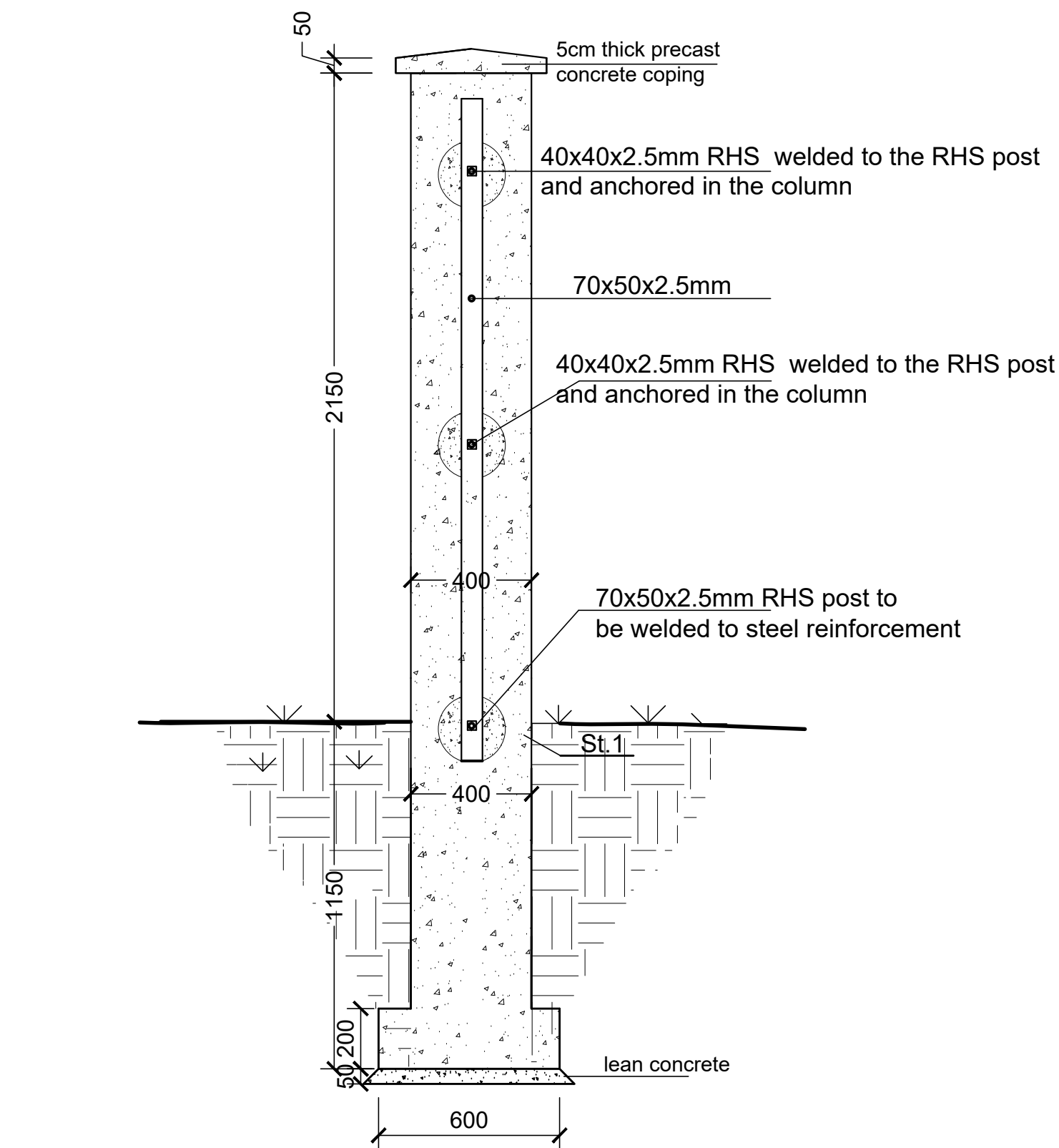
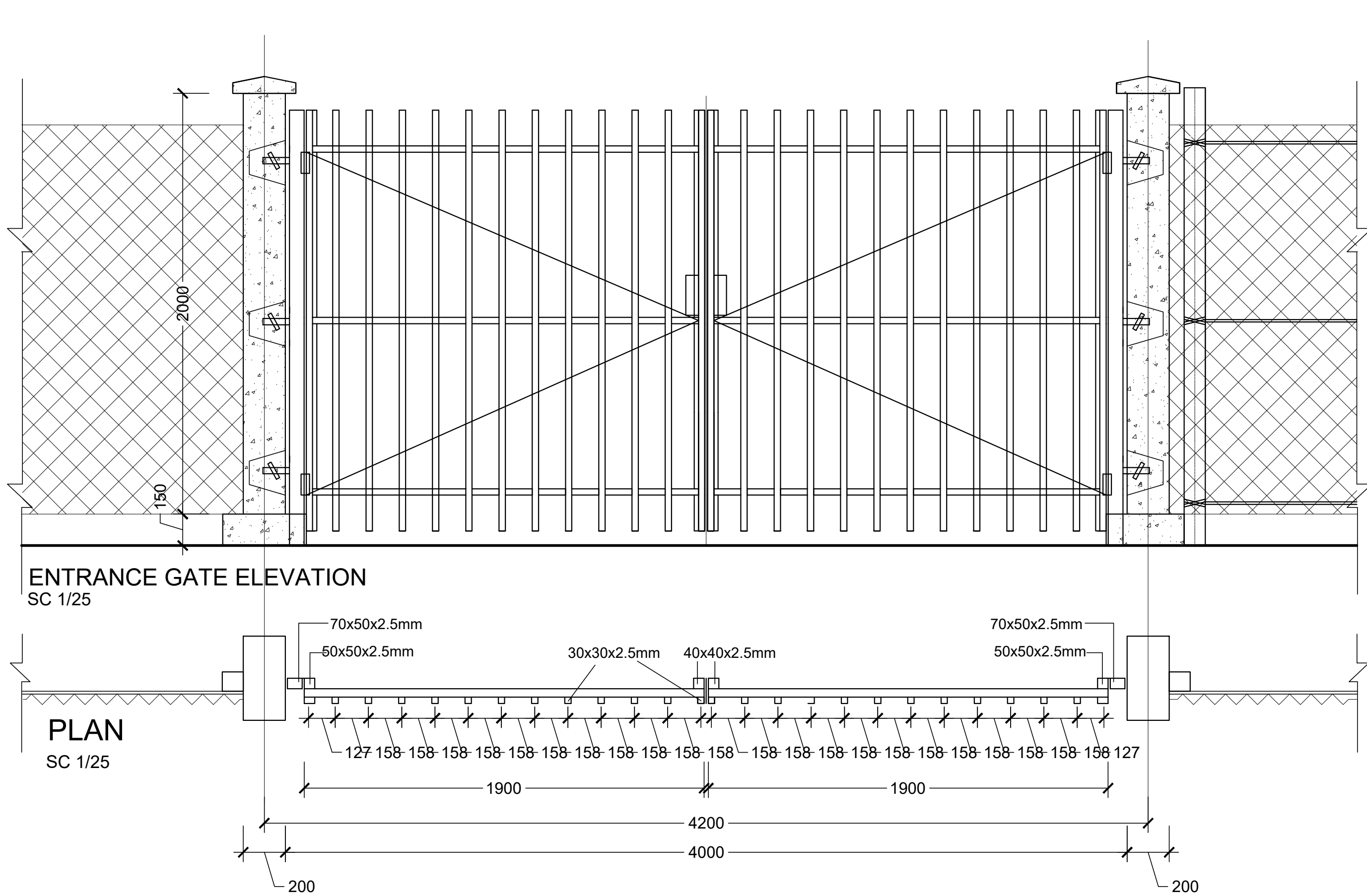
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KEY PLAN

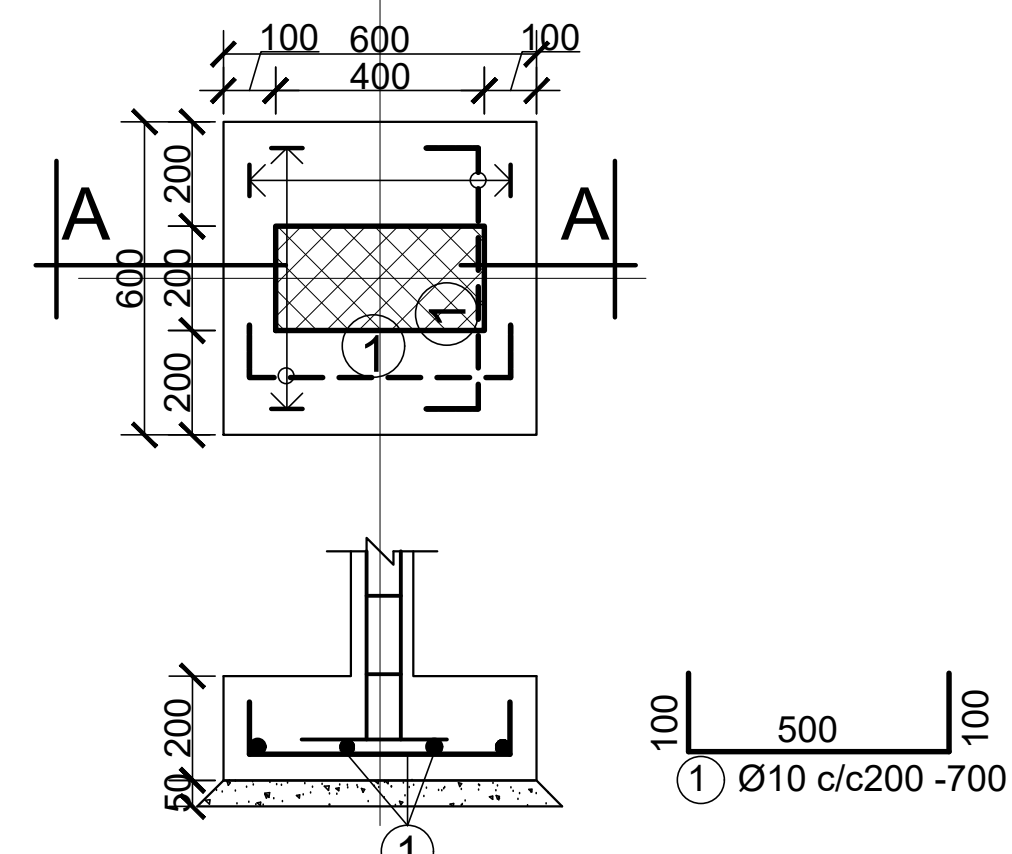
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Program:		Implemented By:	
Rehabilitation of UNHCR One-Stop-Shop (OSS) REGISTRATION MODEL		UNOPS , ETHIOPIA OPERATIONAL HUB	
Project Name:		Design:	
Pungindo-2 Oss Center		UNOPS , ETHIOPIA OPERATIONAL HUB	
Drawing Title:		UNOPS	

PROPOSED GUARD POST BLOCK

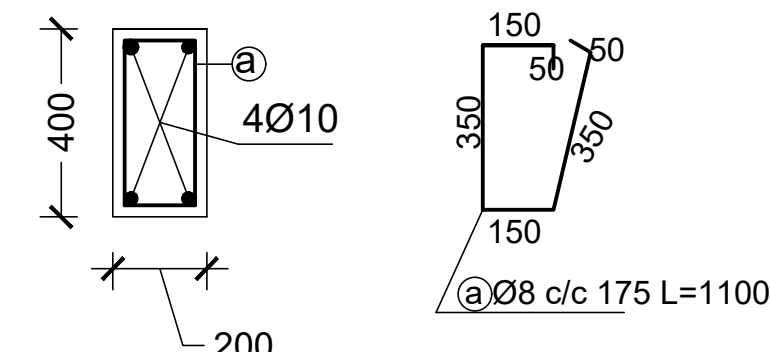
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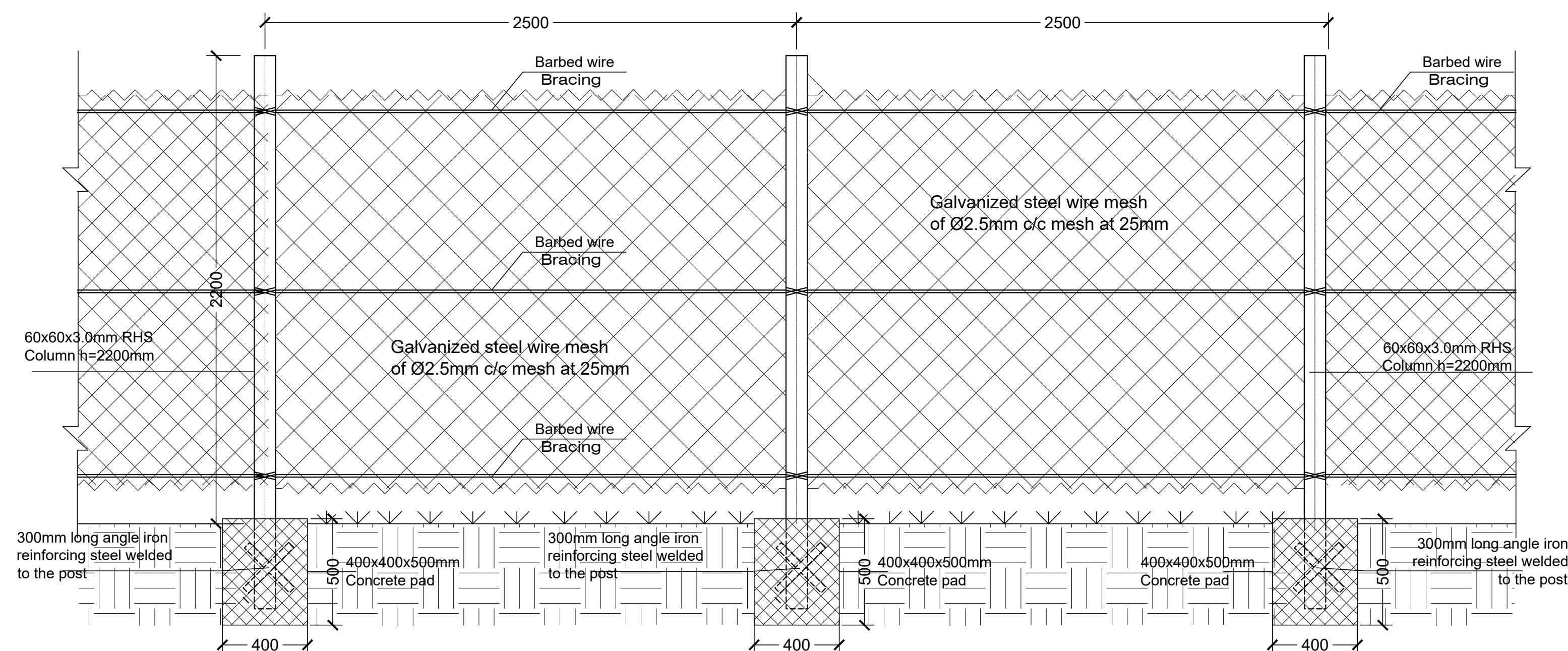
### FOUNDATION DETAIL



SECTION A-A  
Scale 1:25



TYPICAL COLUMN SECTION  
SCALE 1:25



FENCE PARTIAL ELEVATION  
SC 1/25

### GENERAL NOTES:

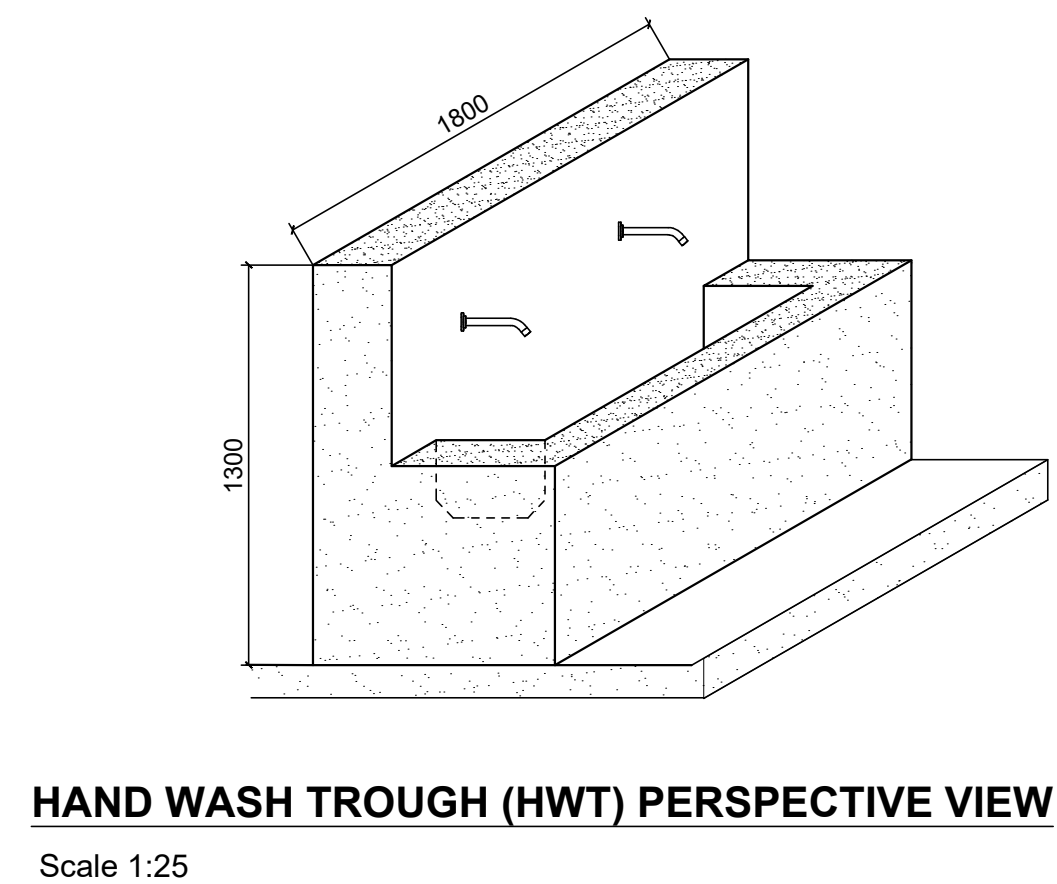
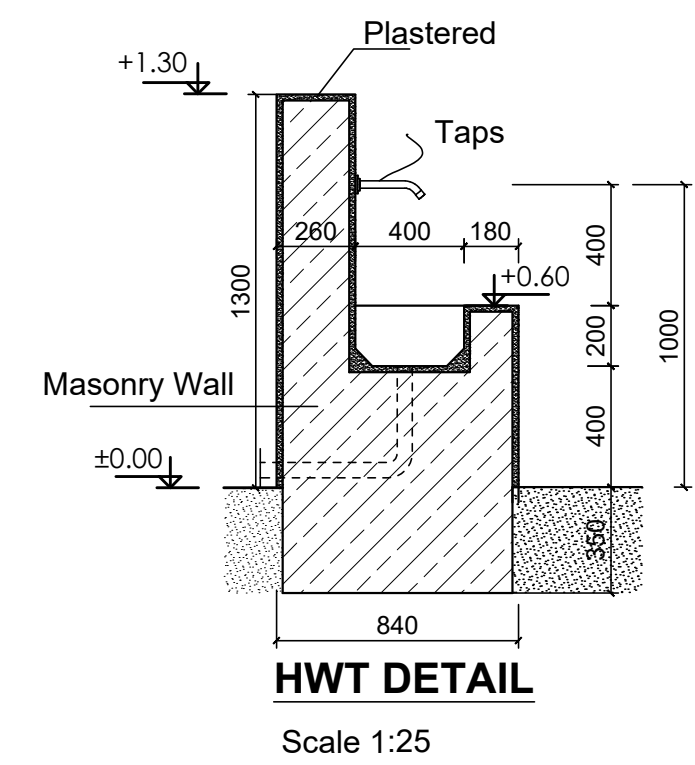
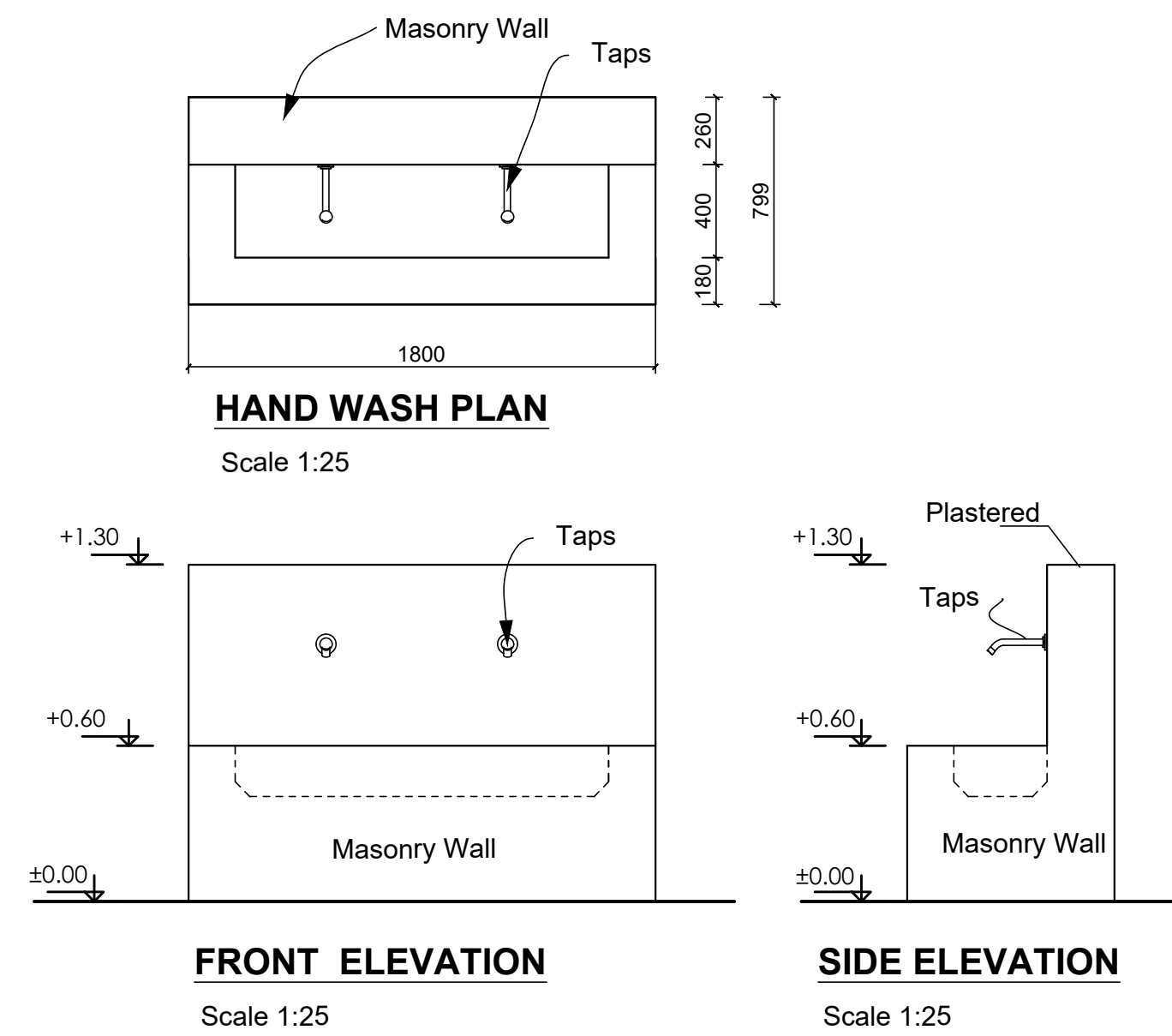
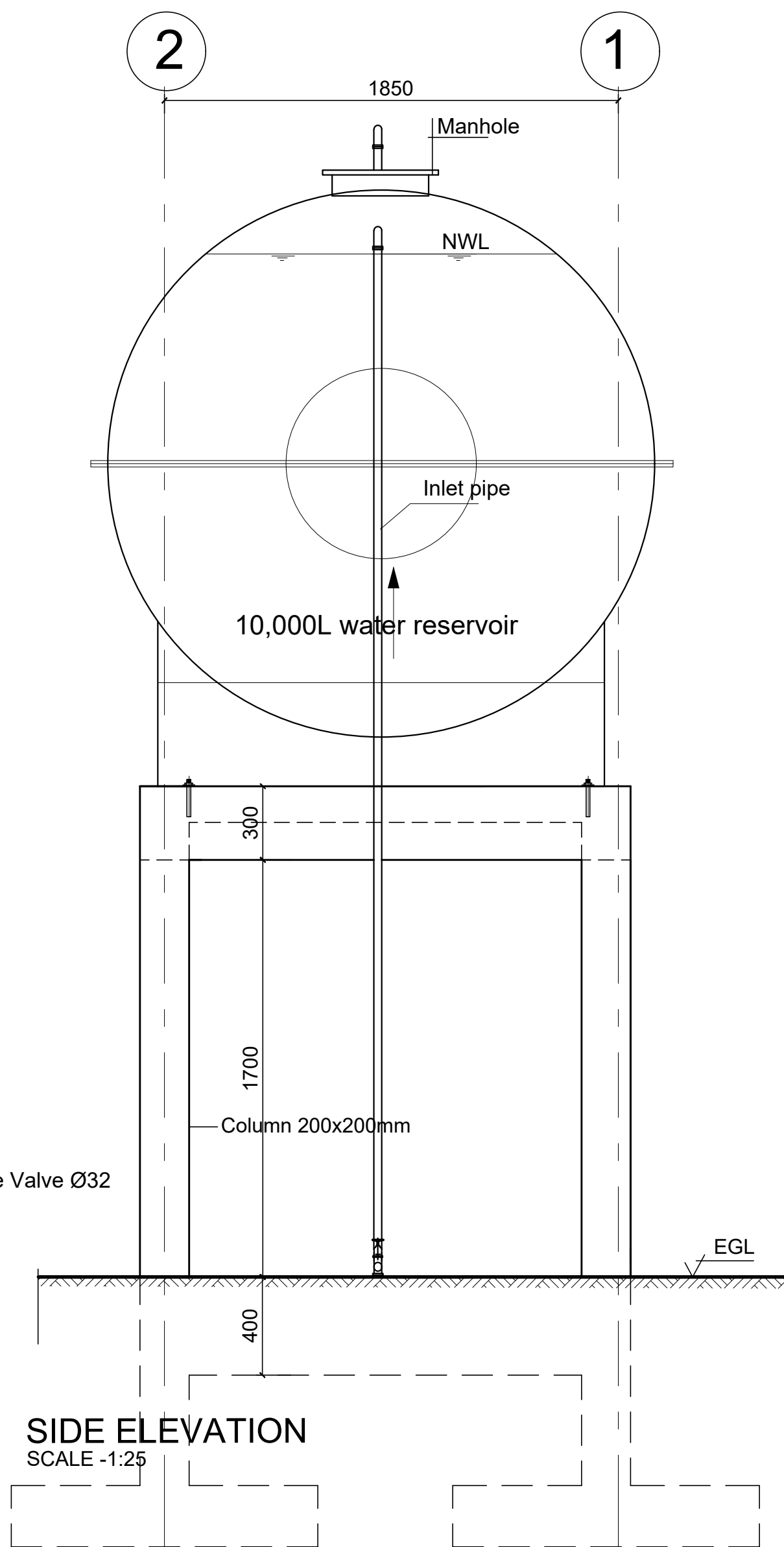
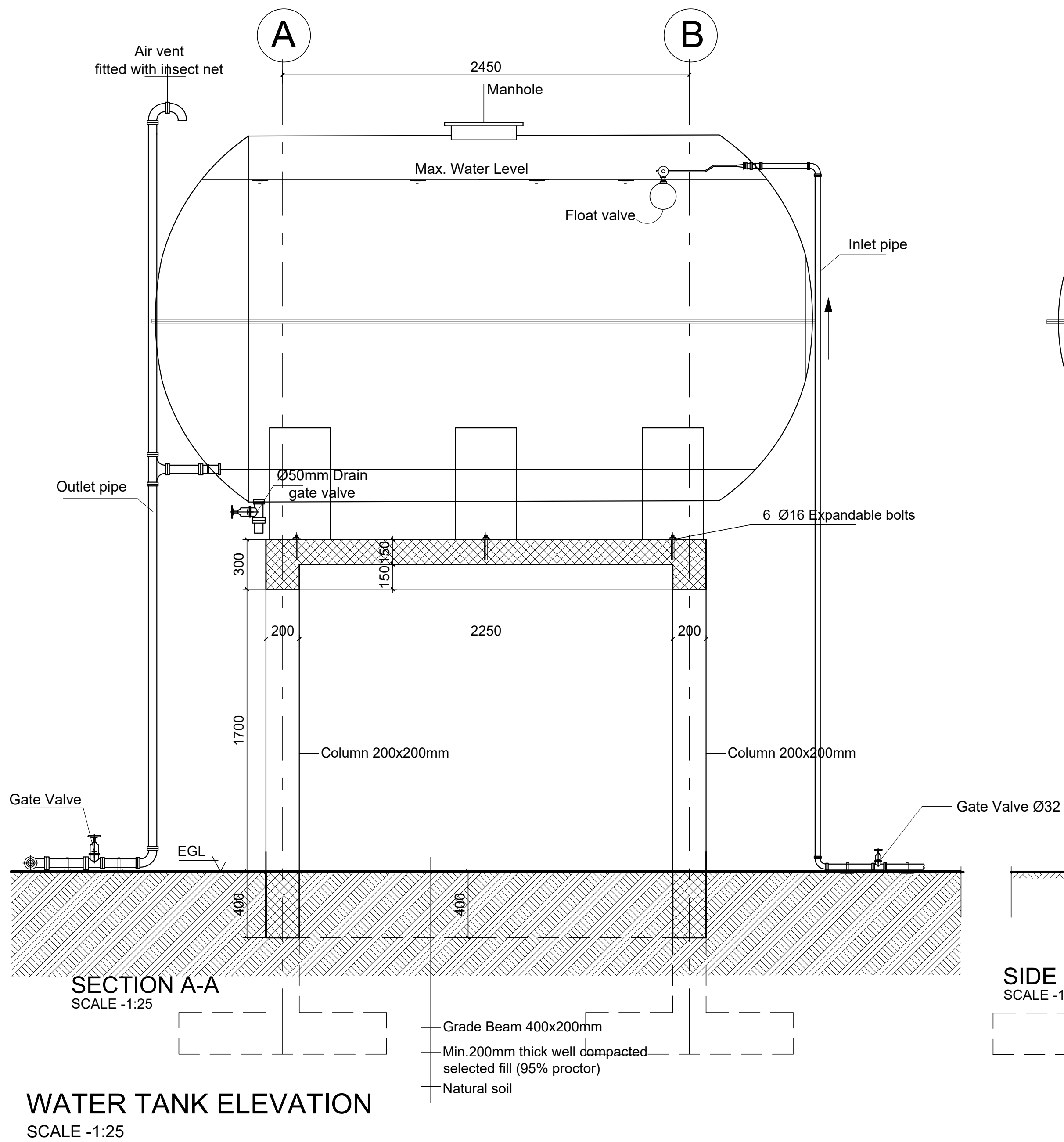
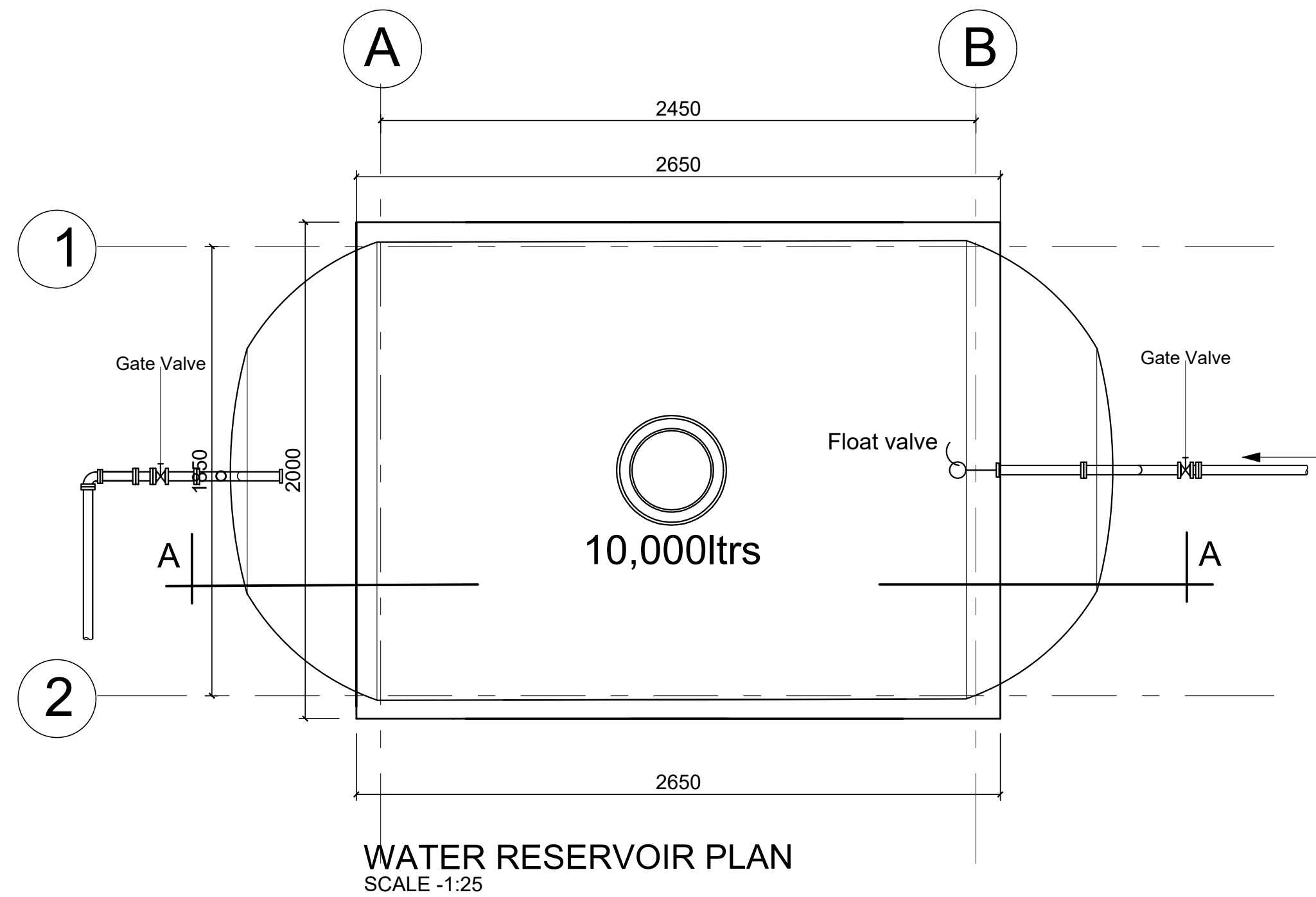
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United Nations Higher Commission for Refugees Office for the AU ( UNHCR)		United Nations Higher Commission for Refugees Office for the AU ( UNHCR)	
Program:		Implemented By:	
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model		UNOPS , ETHIOPIA OPERATIONAL HUB	
Project Name:		Design:	
Pungindo-2 Oss Center		UNOPS , ETHIOPIA OPERATIONAL HUB	

Drawing Title:				
GATE and FENCE DETAILS				
Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
MM	AR	10	12	R0
Drawn:	Checked:	Approved:	Size:	Scale:
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Date:				Rev.:
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GENERAL NOTES:

K - WATER RESERVOIR

Rev.	0	Date:	Description:	Approved
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Program:	Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	Implemented By:	UNOPS ,ETHIOPIA OPERATIONAL HUB
Project Name:	Pungindo II Oss Center	Design:	UNOPS ,ETHIOPIA OPERATIONAL HUB

Drawing Title:				
WATER RESERVOIR PLAN HAND WASH TROUGH DETAILS				
Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
MM	AR	12	12	R0
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### Structural Notes:

- i) Foundation shall be placed on the natural soil layer and achieve a minimum bearing capacity of 150 KN/m<sup>2</sup> . 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:

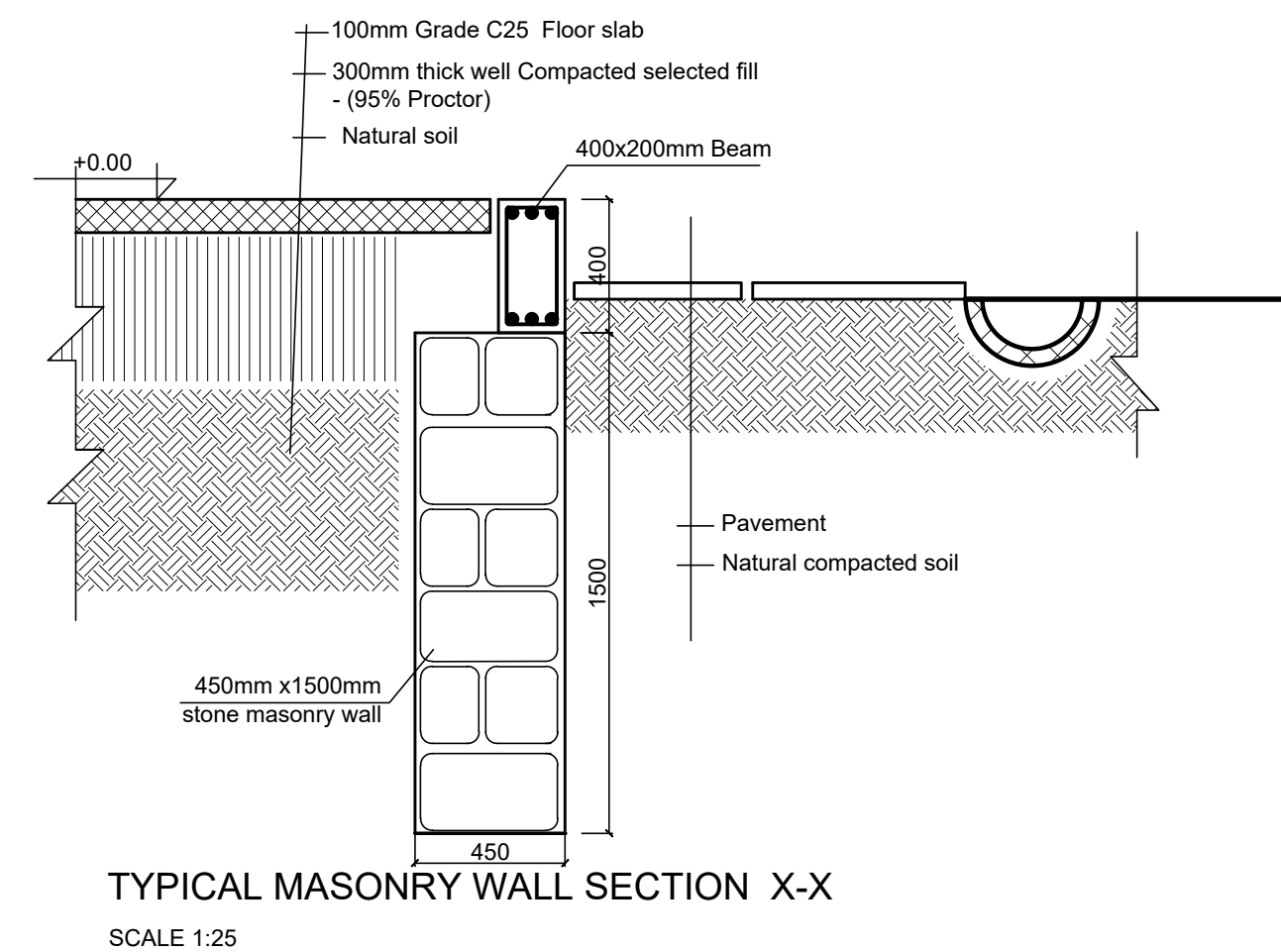
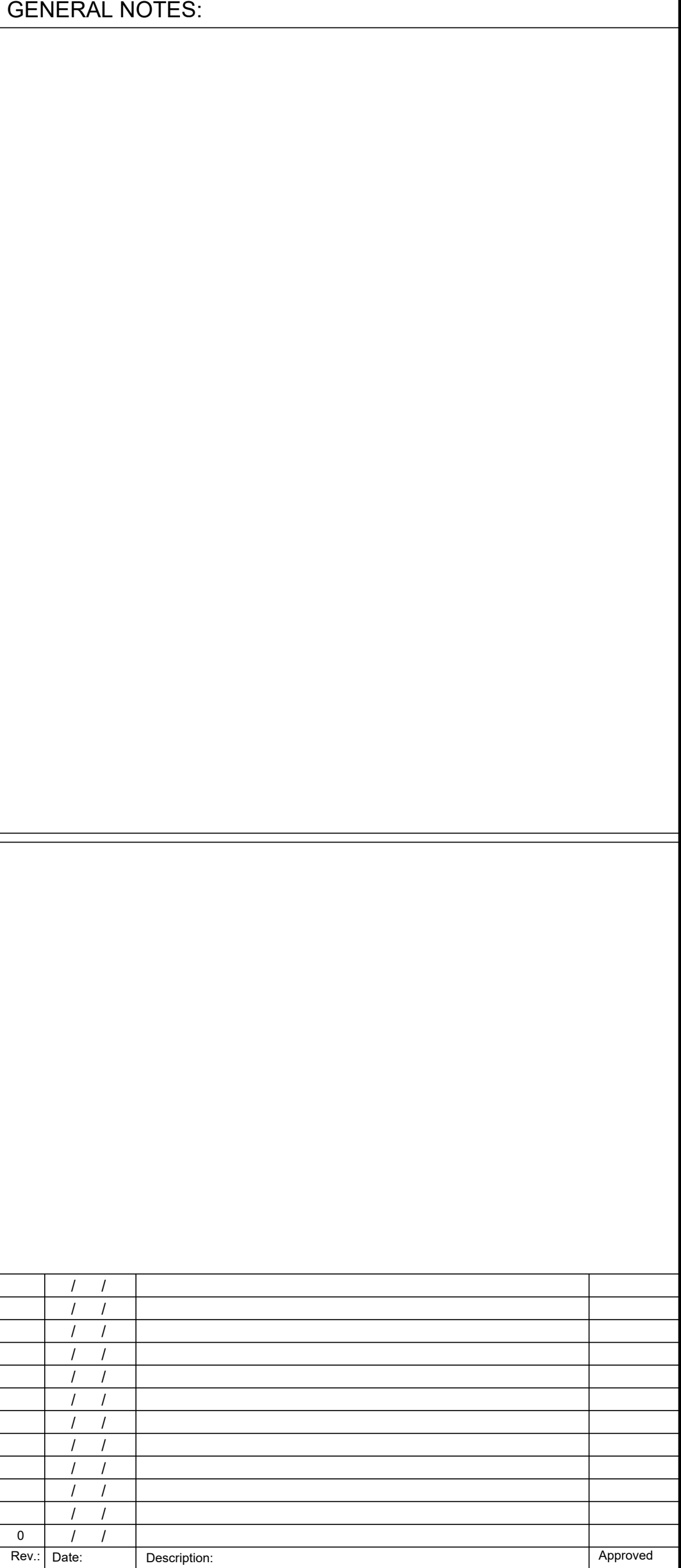
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Rev.:	Date:	Description:		Approved

## 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:			
Pungindo-2 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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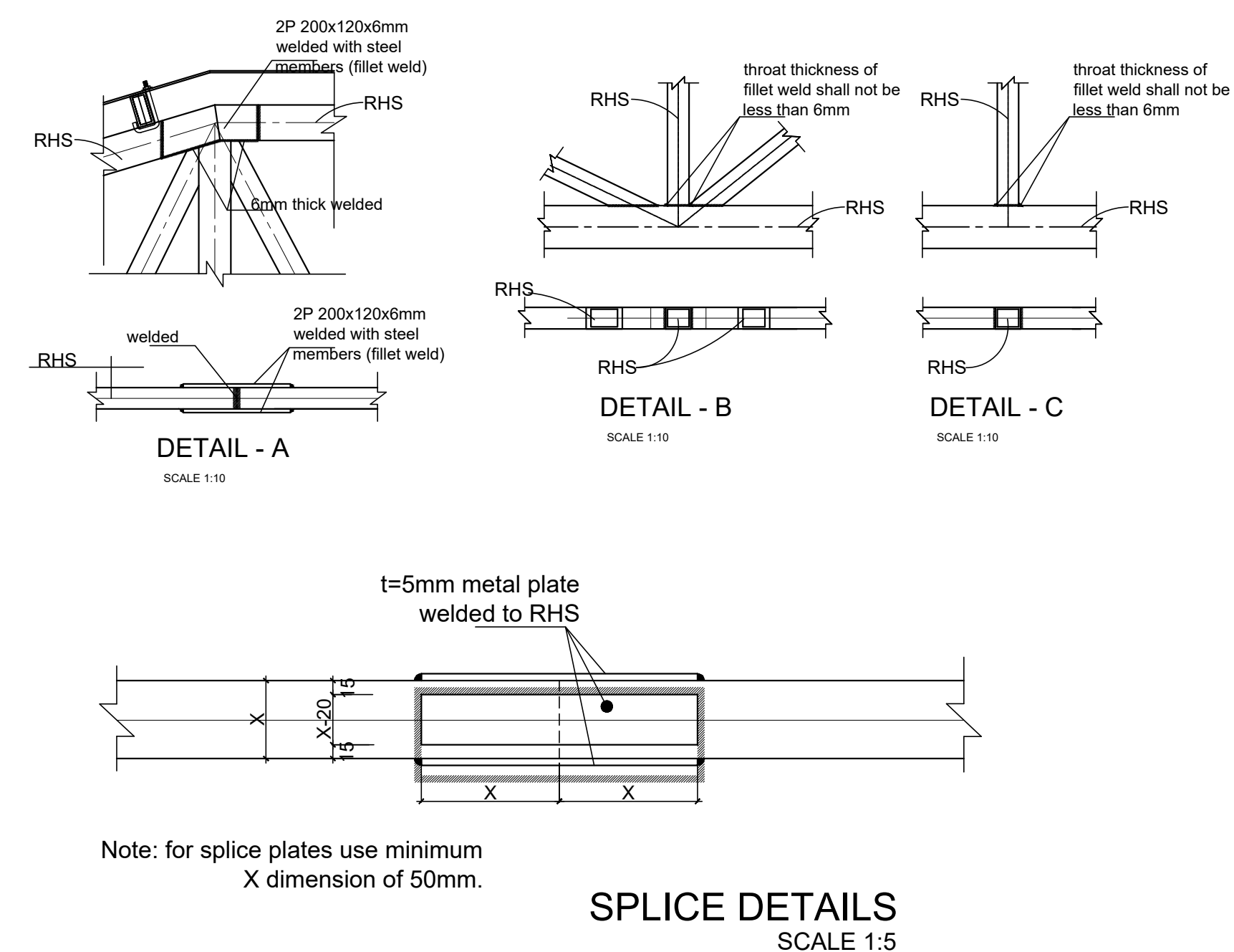
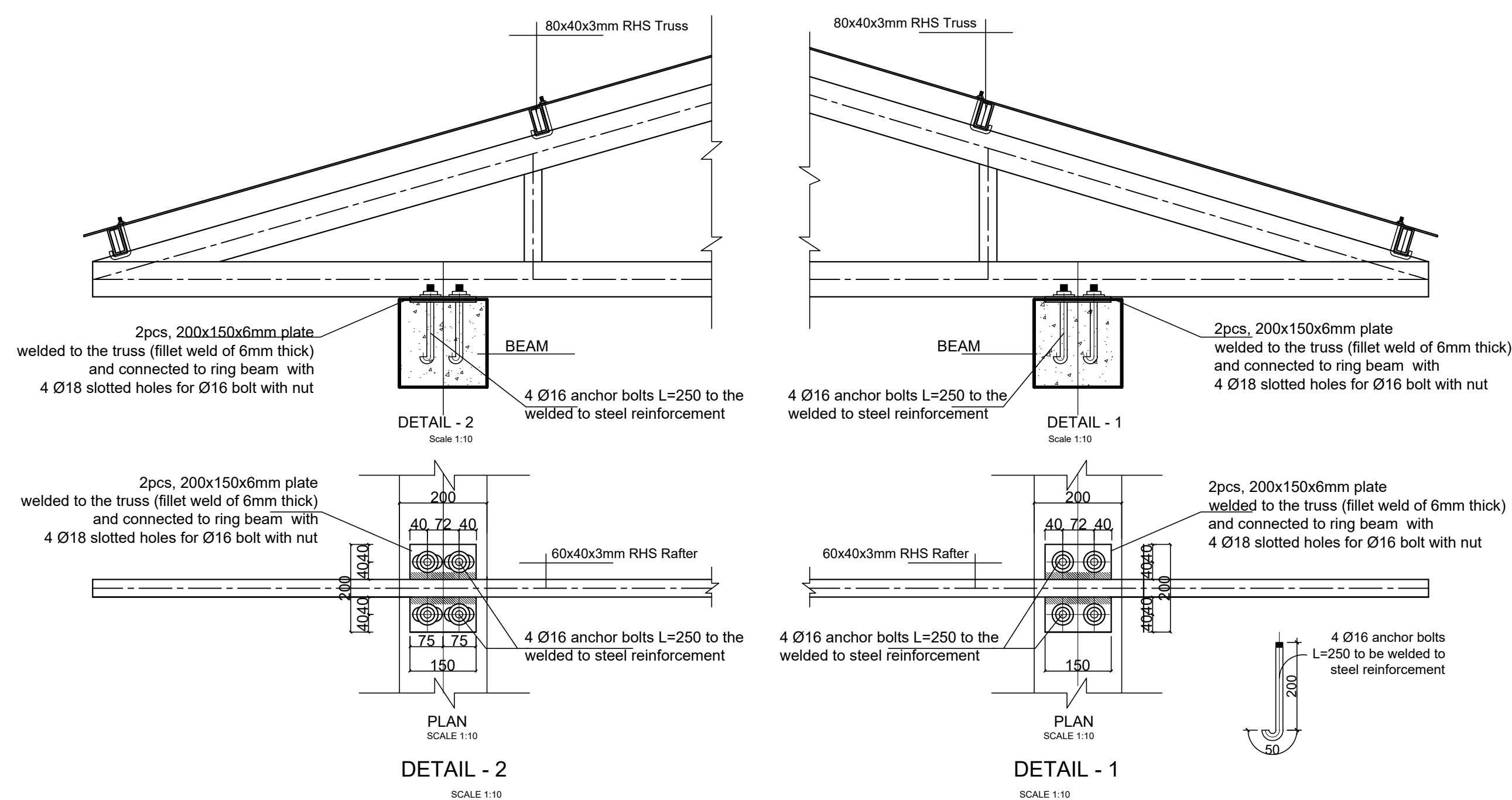
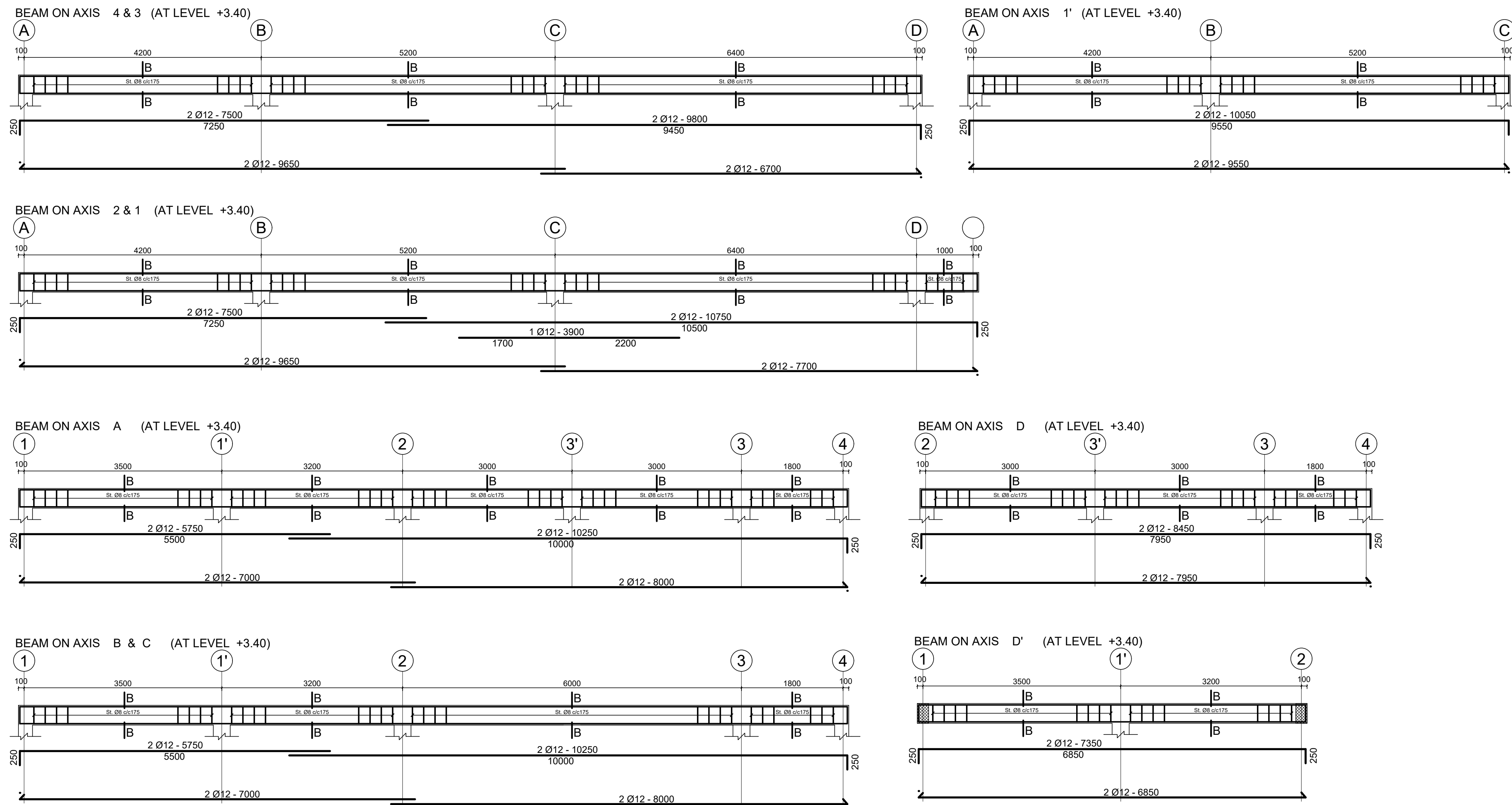






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Funded By:				Partner:						
United Nations Higher Commission for Refugees Office for the AU ( UNHCR)				United Nations Higher Commission for Refugees Office for the AU ( UNHCR)						
Program:				Implemented By:						
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model				UNOPS ETHIOPIA OPERATIONAL HUB						
Project Name:				Design:						
Pungindo-2 Oss Center				UNOPS ETHIOPIA OPERATIONAL HUB						
Drawing Title:										
BEAM AND COLUMN DETAILS										
Designed by			Discipline:		Dr. No.		Tot. No.		Rev. No.	
AE			ST		04		10		R0	
Drawn:	Checked:	Approved:	Size:	Scale:		Date:		Rev.:		
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GENERAL NOTES:

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Rev.:	Date:	Description:		Approved

KEY PLAN

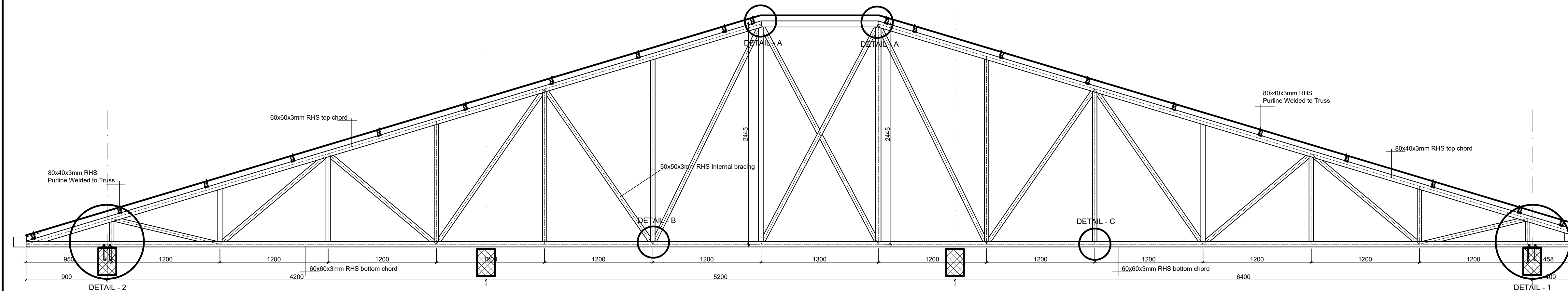
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Funded By:	Partner:
United Nations Higher Commission for Refugees Office for the AU ( UNHCR)	United Nations Higher Commission for Refugees Office for the AU ( UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Pungindo-2 Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB

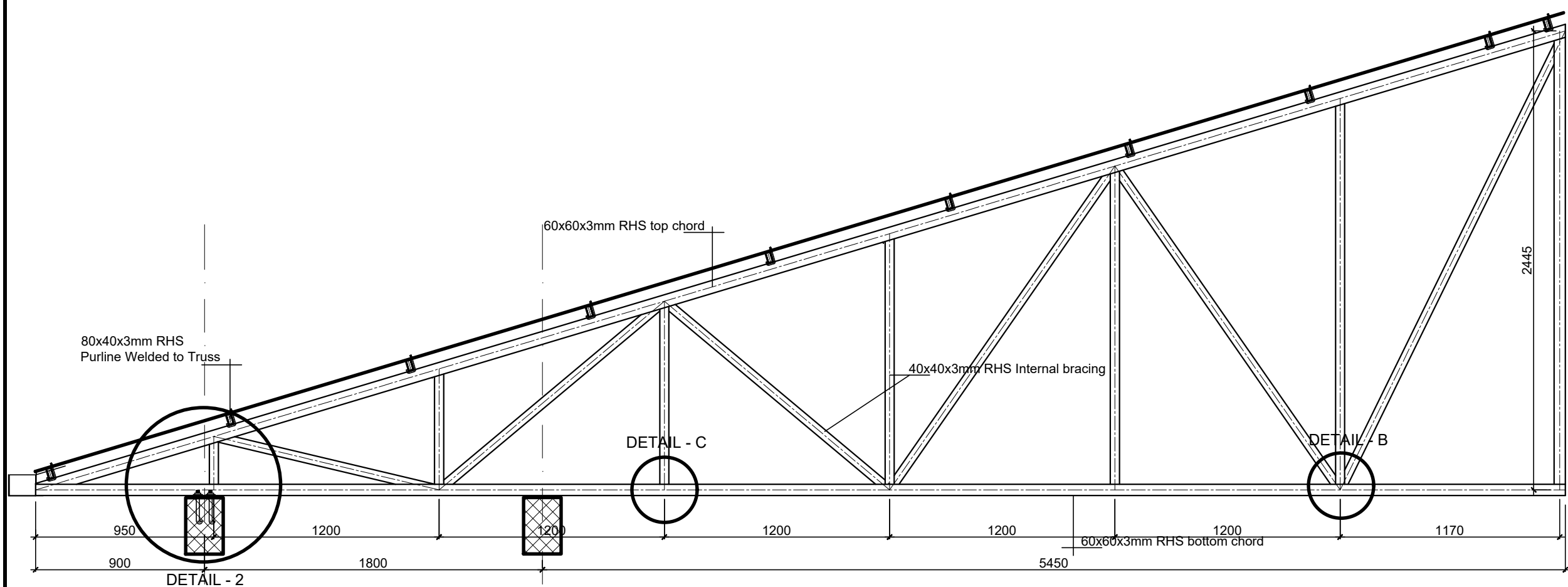
Drawing Title:

## BEAM AND TRUSS DETAILS

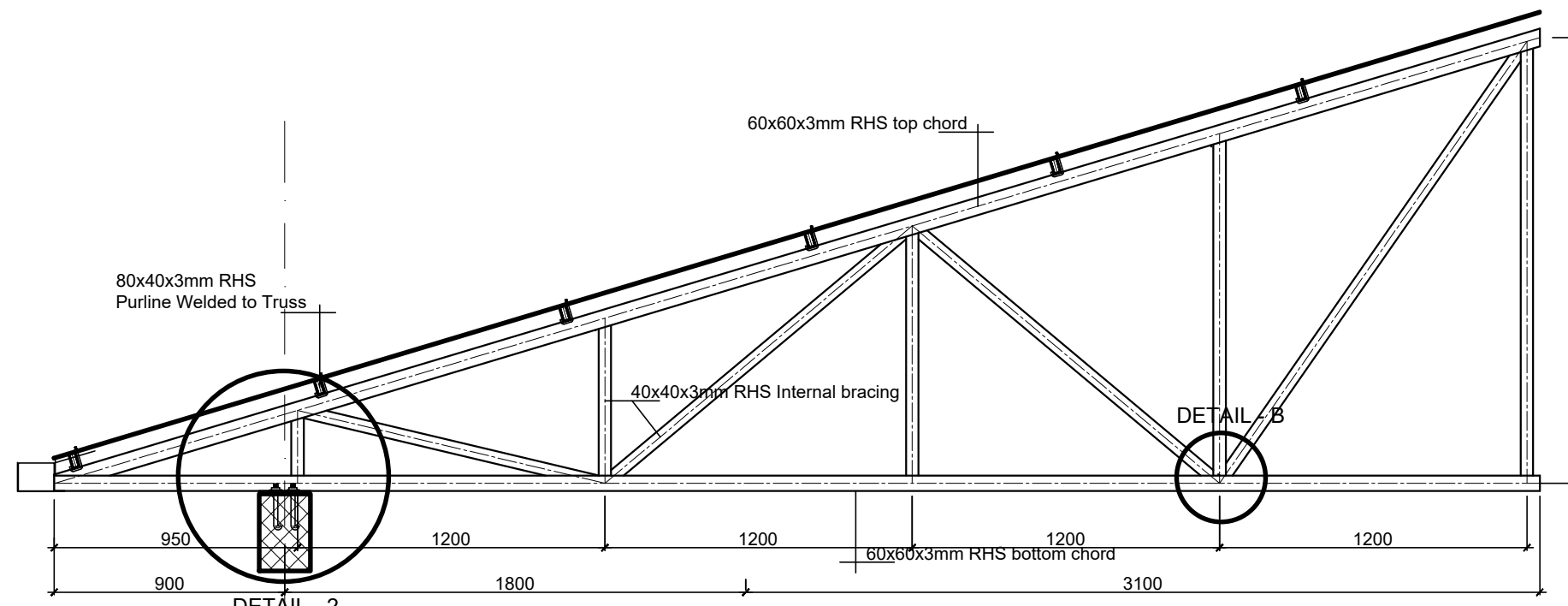
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AE			ST	05	10	R0		
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FM	AE	BM	A1	1:50 1:20 1:10	02 / 05 / 2021	0		



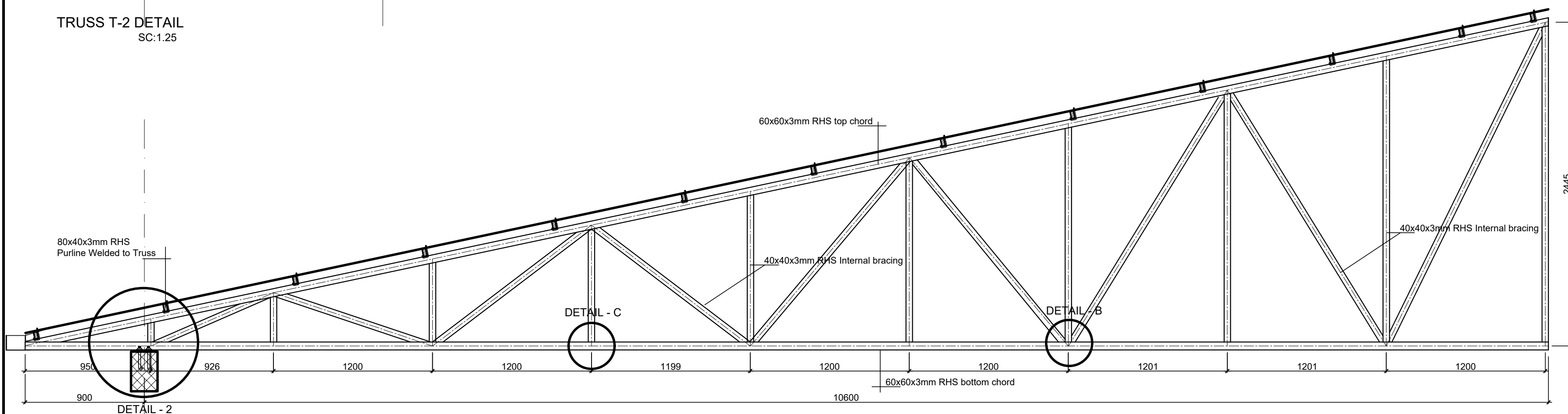
TRUSS T-1 DETAIL  
SC:1.25



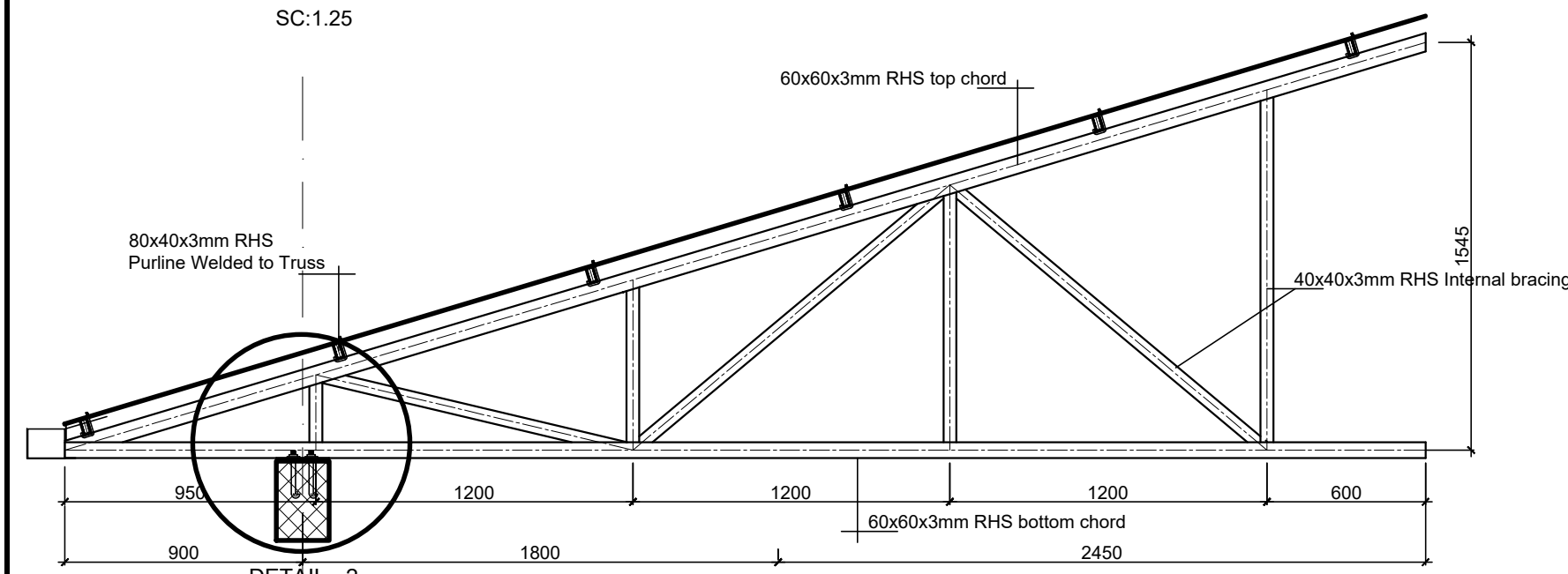
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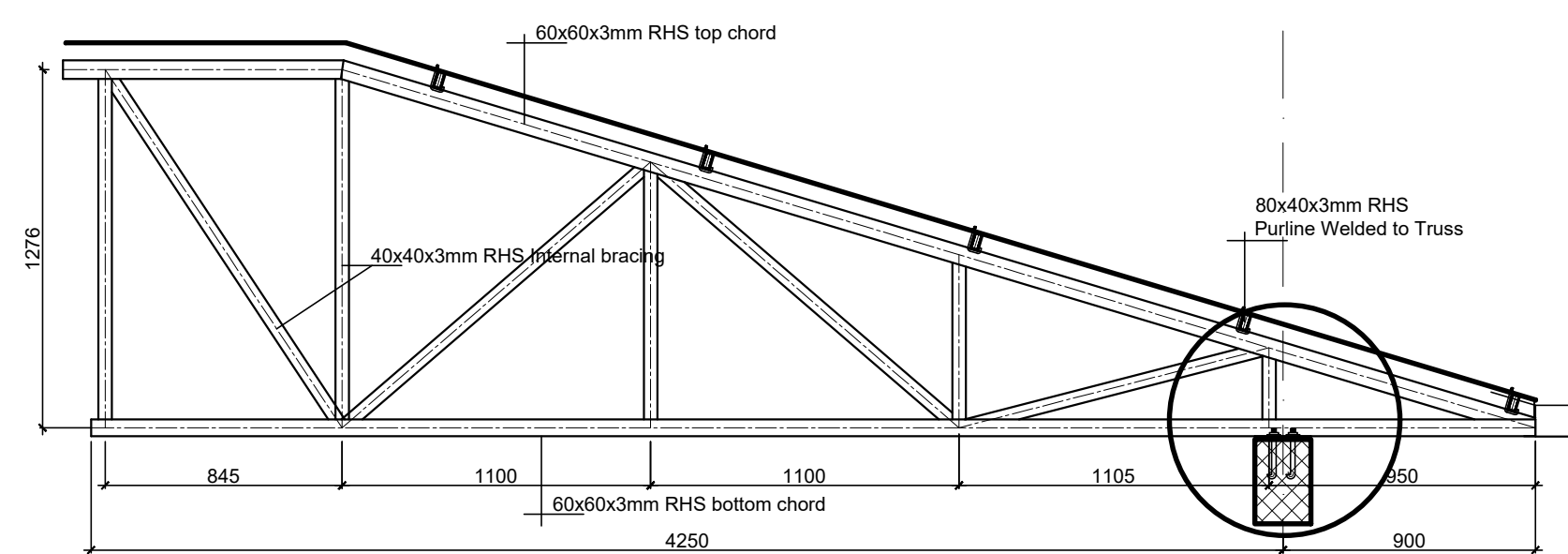
TRUSS T-4 DETAIL



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

GENERAL NOTES:

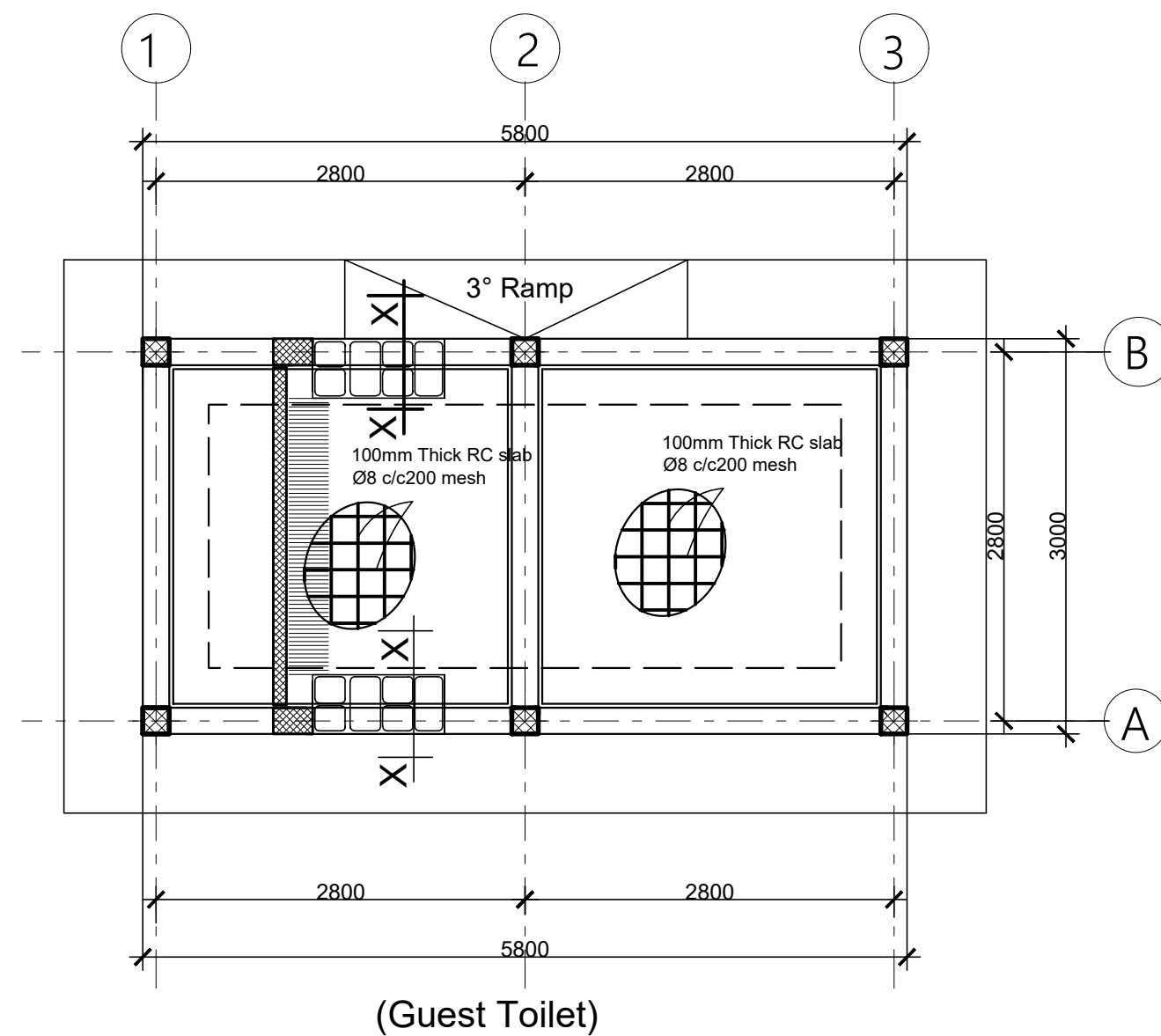
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Rev.:	Date:	Description:		Approved

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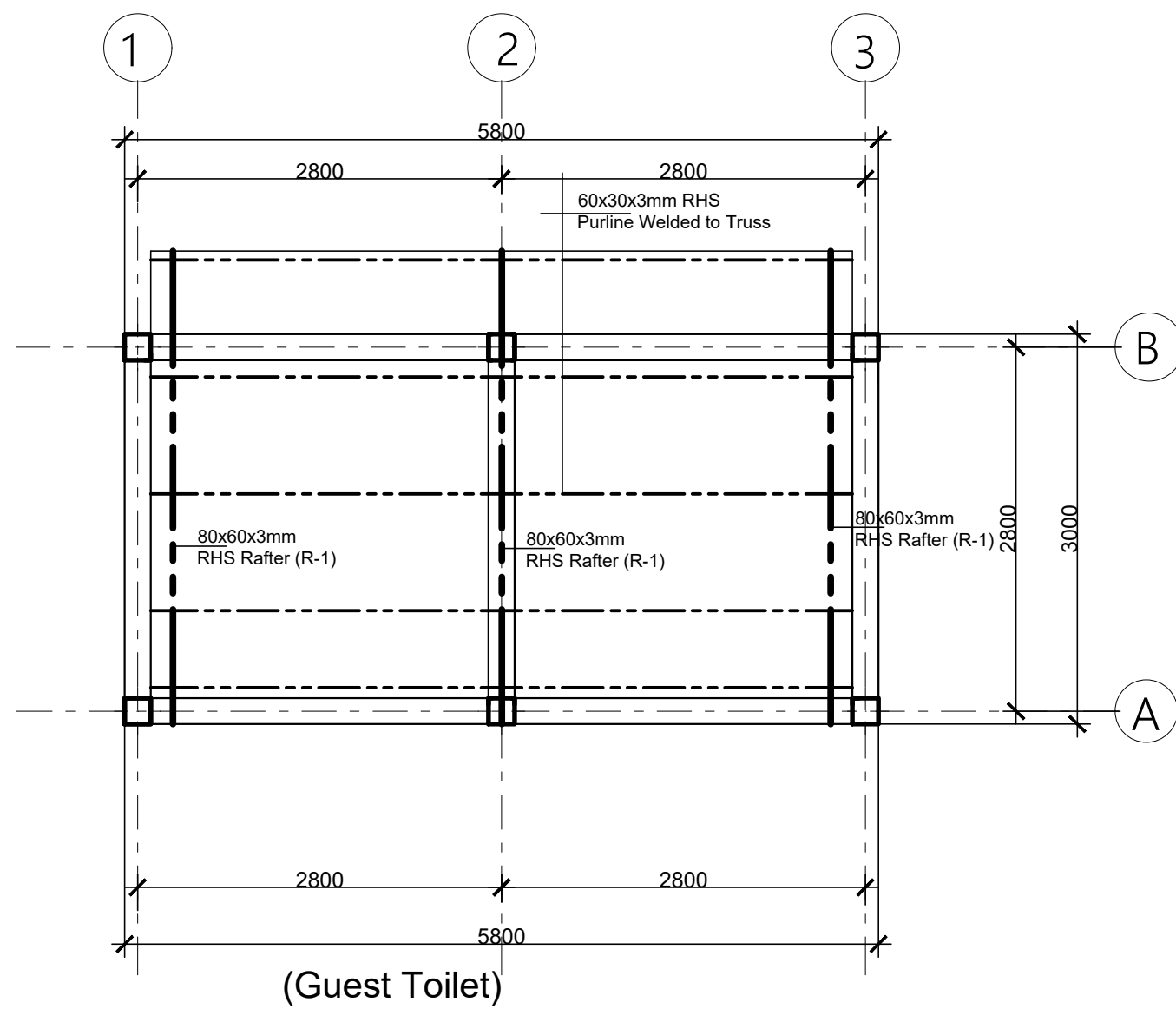
Funded By:		Partner:	
United Nations Higher Commission for Refugees Office for the AU ( UNHCR)		United Nations Higher Commission for Refugees Office for the AU ( UNHCR)	
Program:		Implemented By:	
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model		UNOPS ETHIOPIA OPERATIONAL HUB	
Project Name:		Design:	
Pungindo-2 Oss Center		UNOPS ETHIOPIA OPERATIONAL HUB	

Drawing Title:				
TRUSS DETAILS				
Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
AE	ST	06	10	R0
Drawn:	Checked:	Approved:	Size:	Scale:
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		Date:	Rev.:	
		02 / 05 /2021	0	

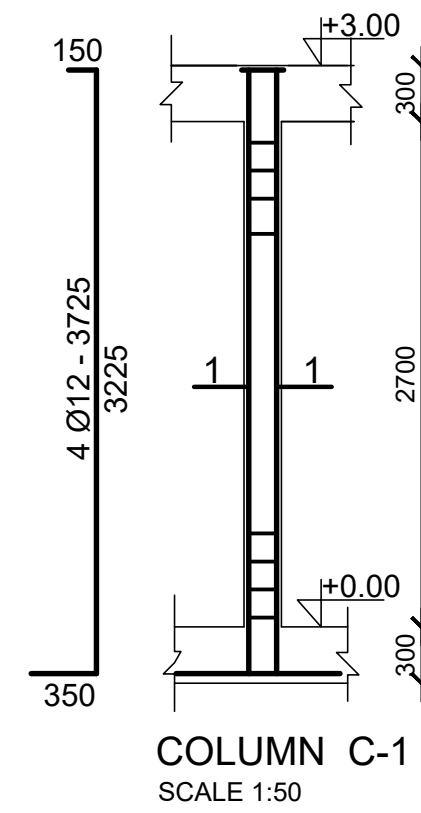




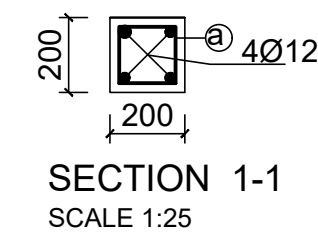
GROUND FLOOR SLAB REINFORCEMENT,  
BEAM AND COLUMN LAYOUT  
(slab thickness = 100mm )  
SCALE 1:50



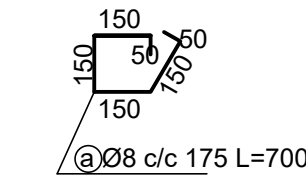
ROOF BEAM AND TRUSS LAYOUT  
SCALE 1:50



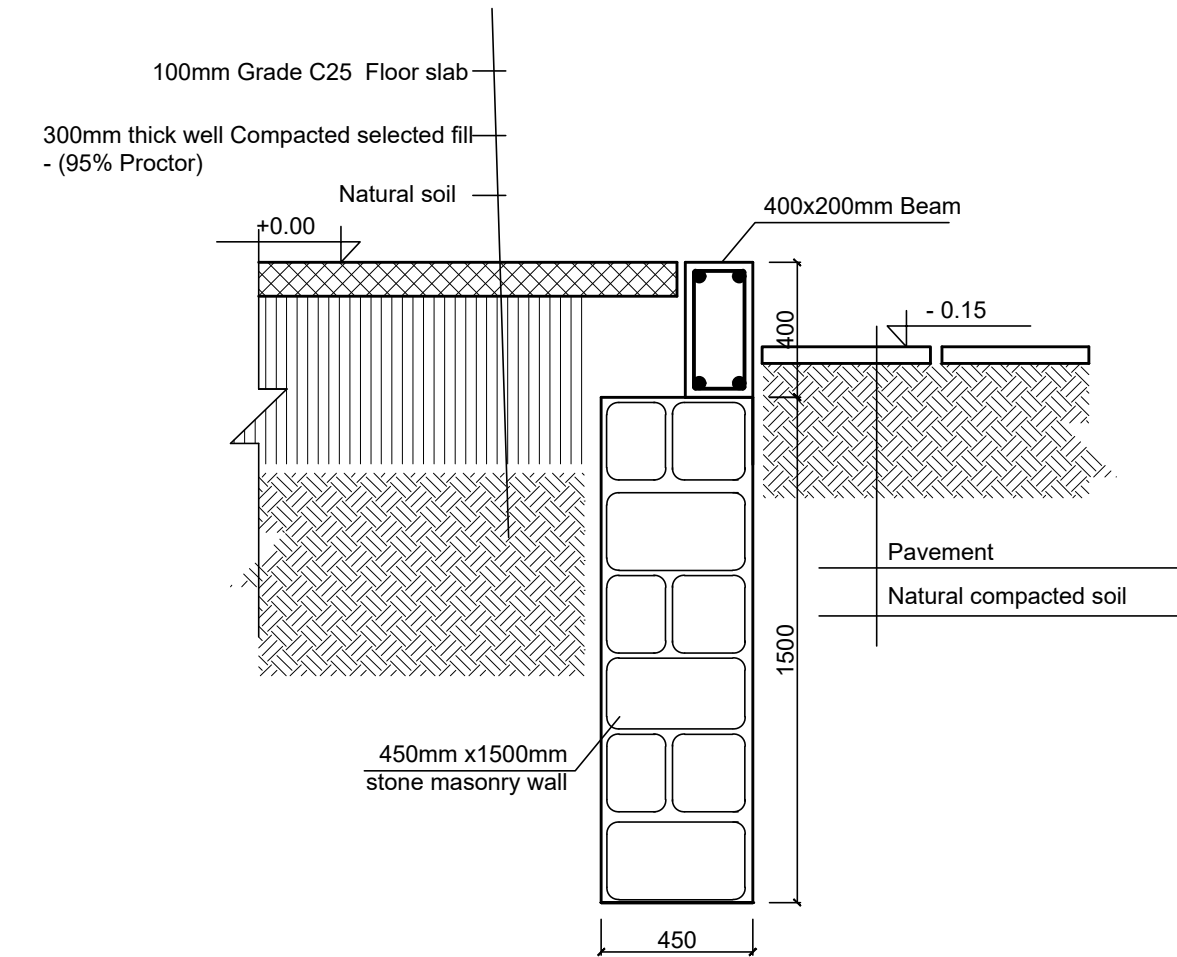
COLUMN C-1  
SCALE 1:50



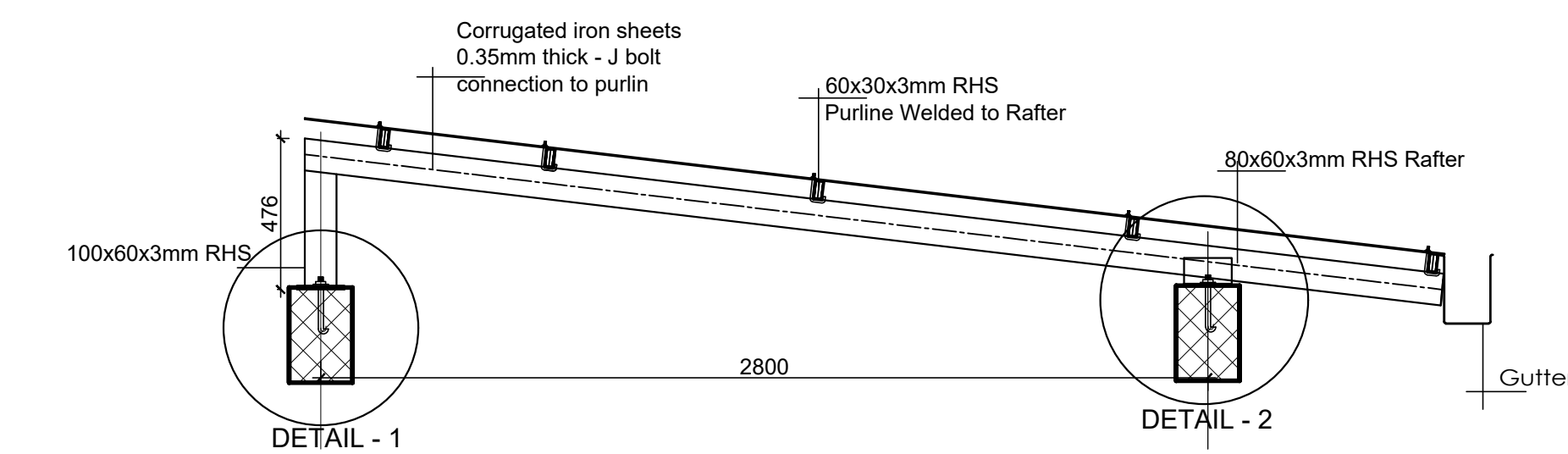
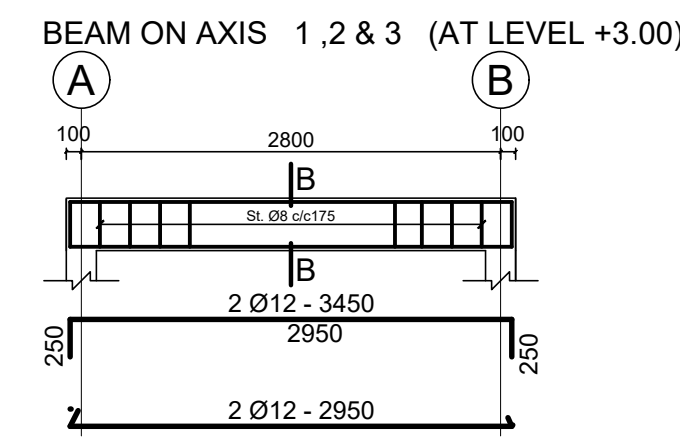
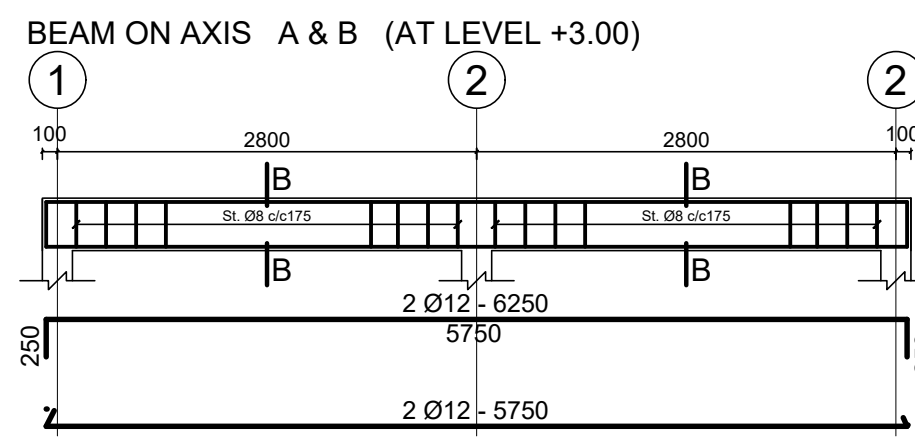
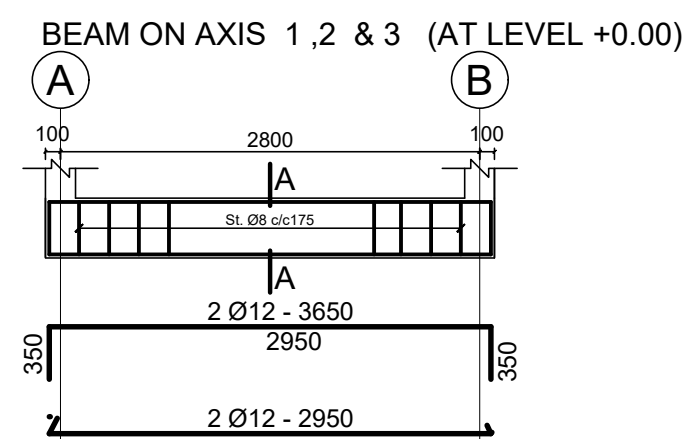
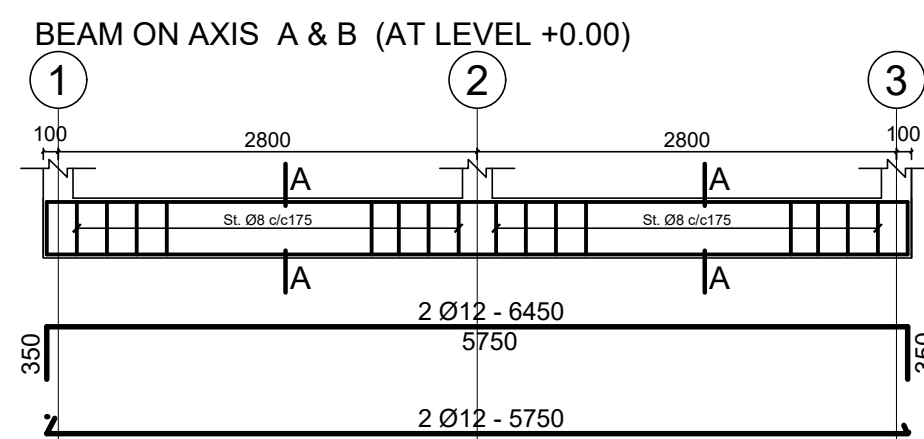
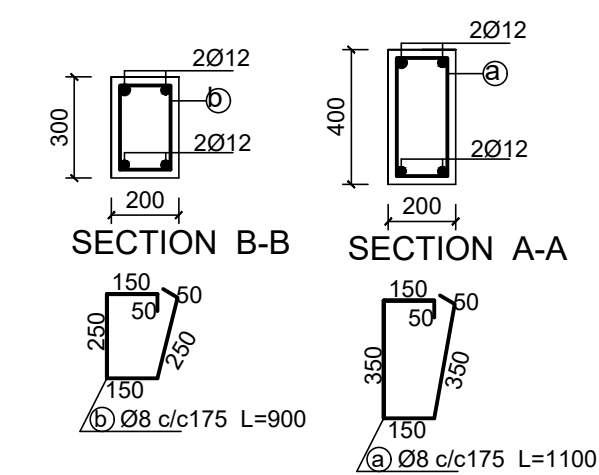
SECTION 1-1  
SCALE 1:25



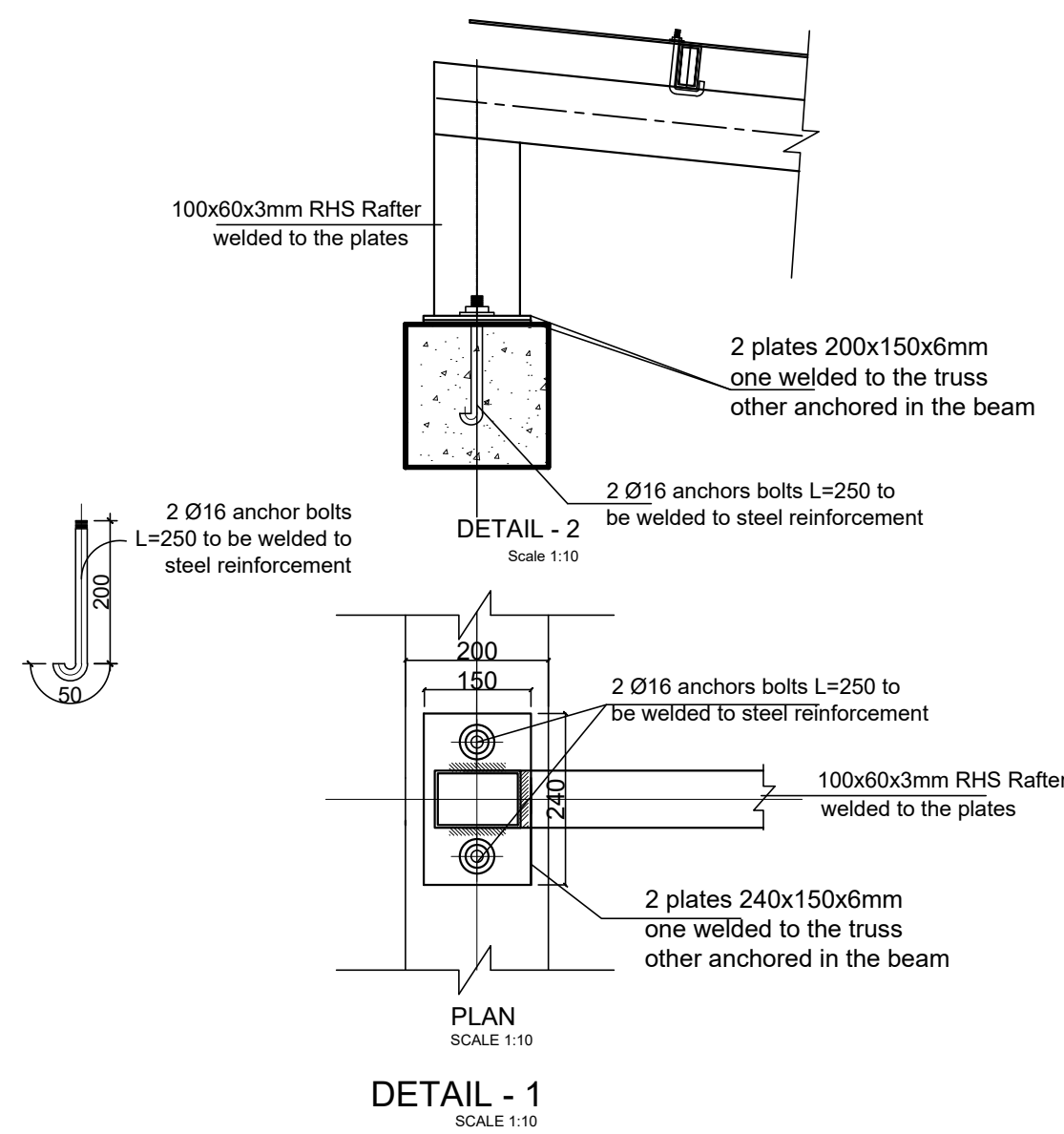
SECTION 1-1  
SCALE 1:25



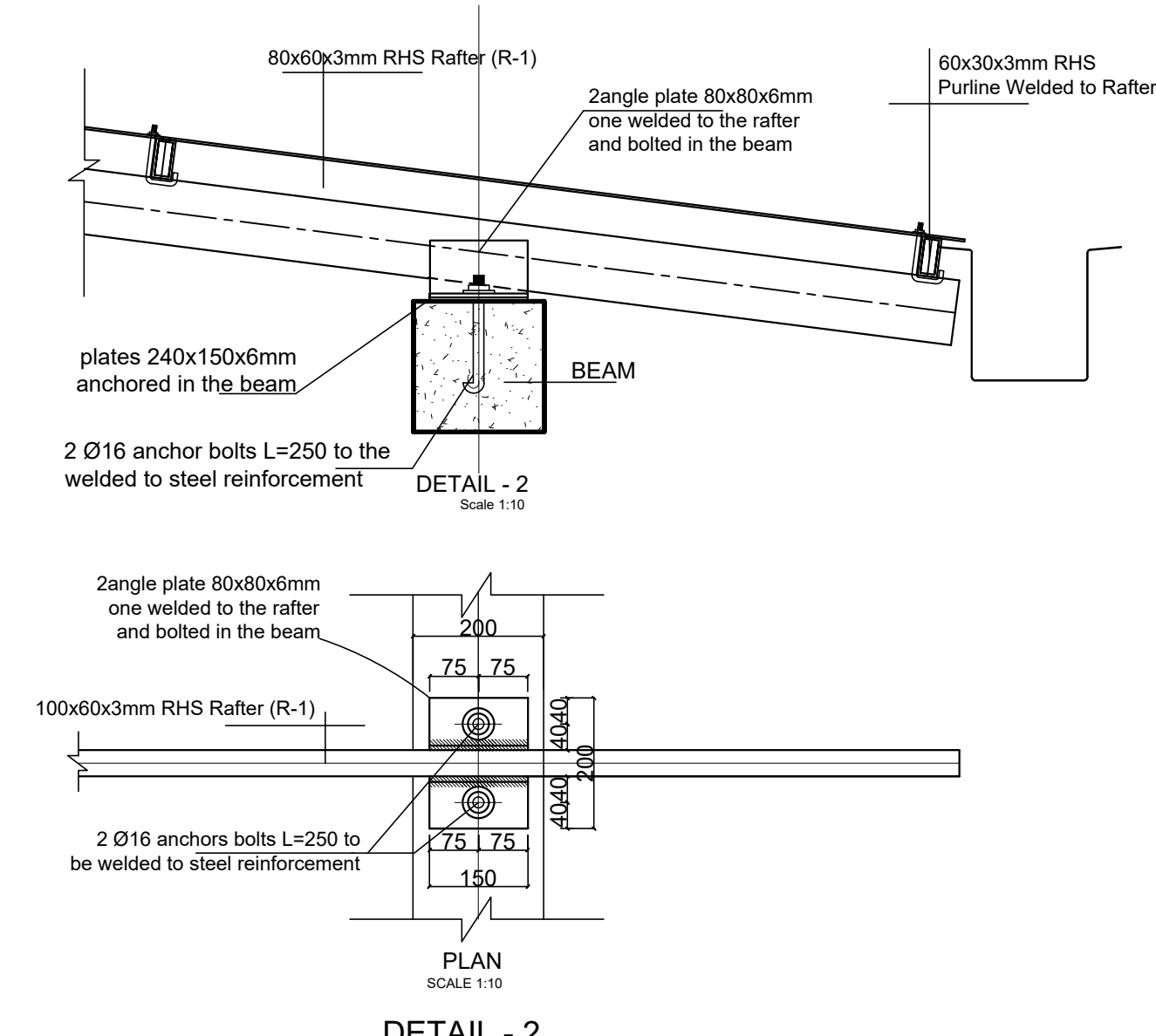
TYPICAL MASONRY WALL SECTION X-X  
SCALE 1:25



TRUSS R-1 DETAIL  
SC:1.25



DETAIL - 1  
SCALE 1:10



DETAIL - 2  
SCALE 1:10

GENERAL NOTES:

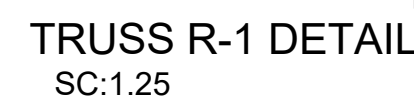
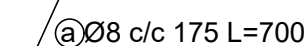
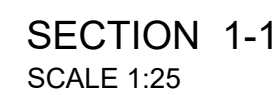
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KEY PLAN

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:
Pungindo-2 Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB
Drawing Title:	
- FLOOR SLAB REINFORCEMENT PLAN	(GUEST TOILET)
- TRUSS LAYOUT and DETAILS	
- BEAM AND COLUMN DETAILS	

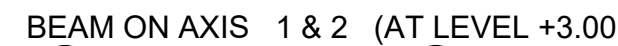
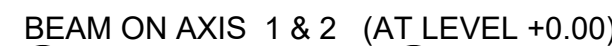
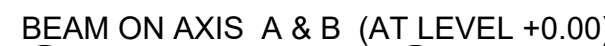
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AE	ST	08	10	R0
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Date:	02 / 05 / 2021	Rev.:		



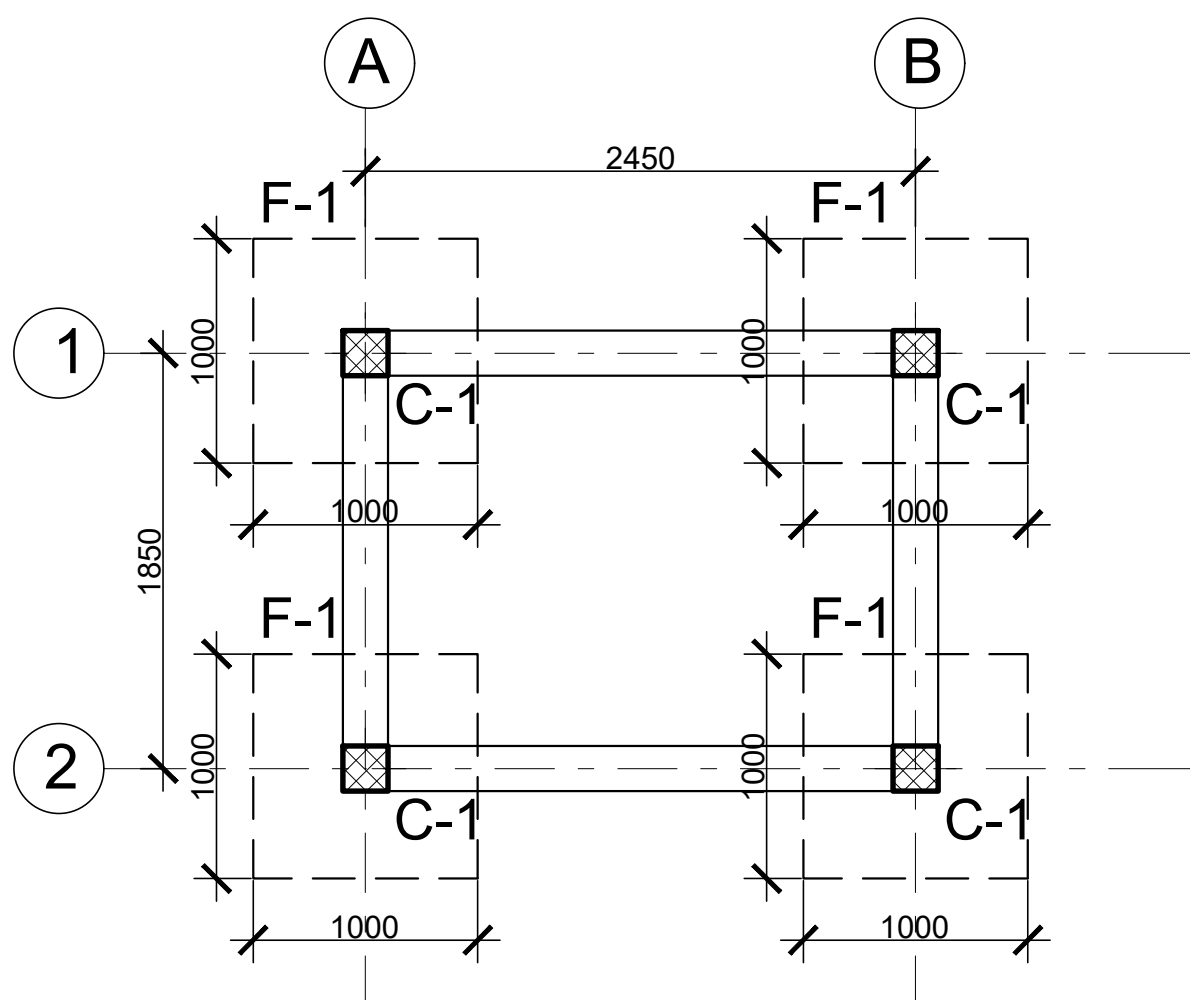


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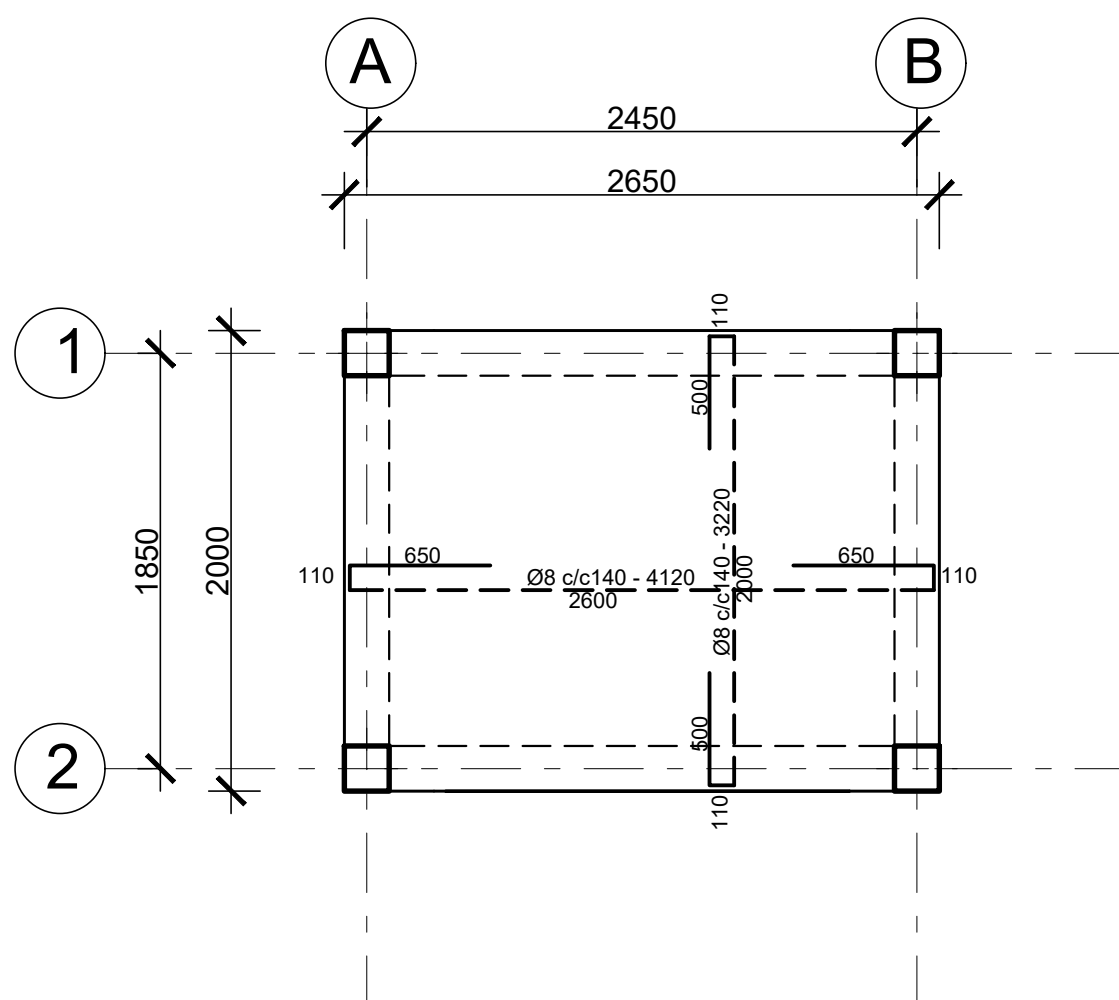
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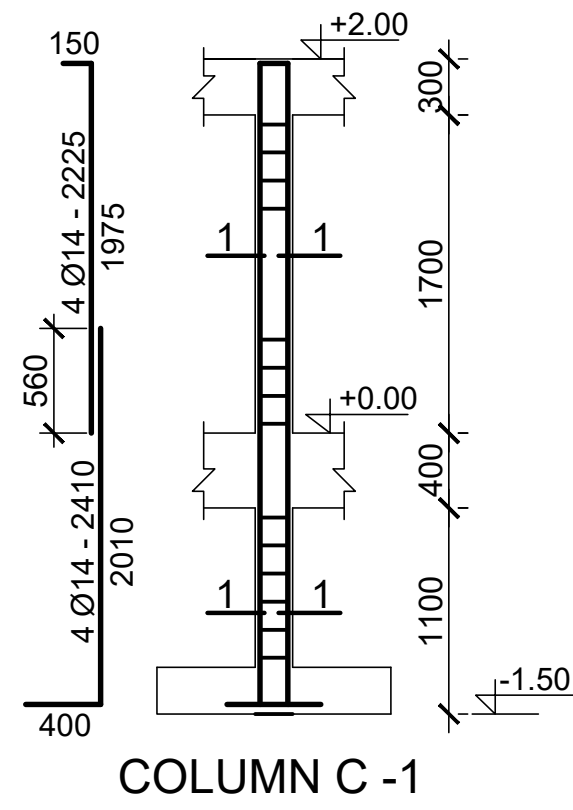
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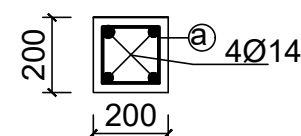
(WATER TANKER SUPPORT )  
GRADE BEAM , FOOTING AND COLUMN LAYOUT  
SCALE 1:50



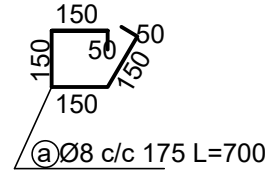
(WATER TANKER SUPPORT )  
WATER TANKER SLAB REINFORCEMENT PLAN  
AND TOP BEAM LAYOUT  
(slab thickens =150mm )



COLUMN C -1



SECTION 1-1  
SCALE 1:25



GENERAL NOTES:

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Rev.:	Date:	Description:	Approved

KEY PLAN

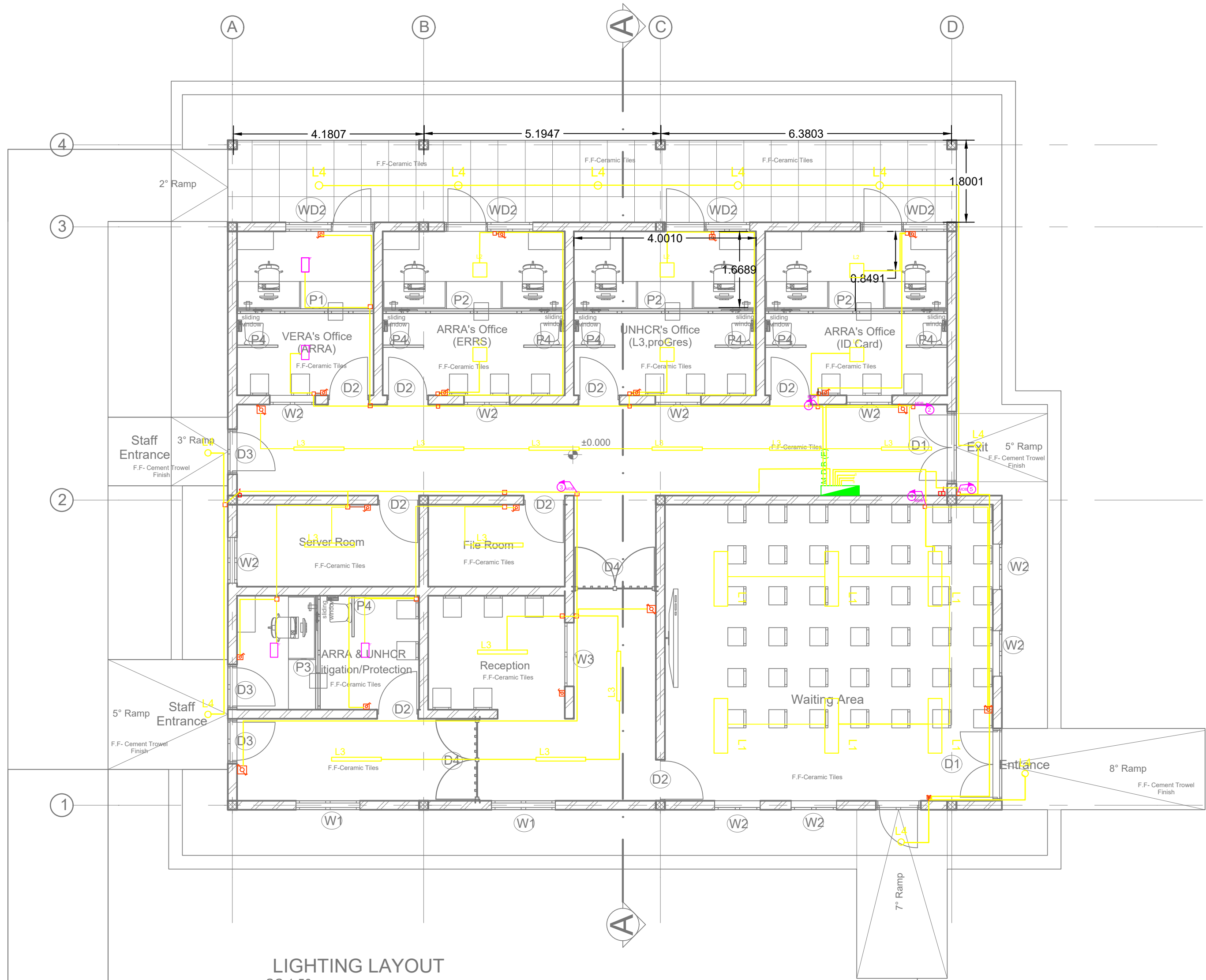
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Funded By:	Partner:
United Nations Higher Commission for Refugees Office for the AU ( UNHCR)	United Nations Higher Commission for Refugees Office for the AU ( UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration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

(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:
FM	AE	BM	A1	1:50 1:25 1:10
		Date:	Rev.:	
		02 / 05 /2021	0	

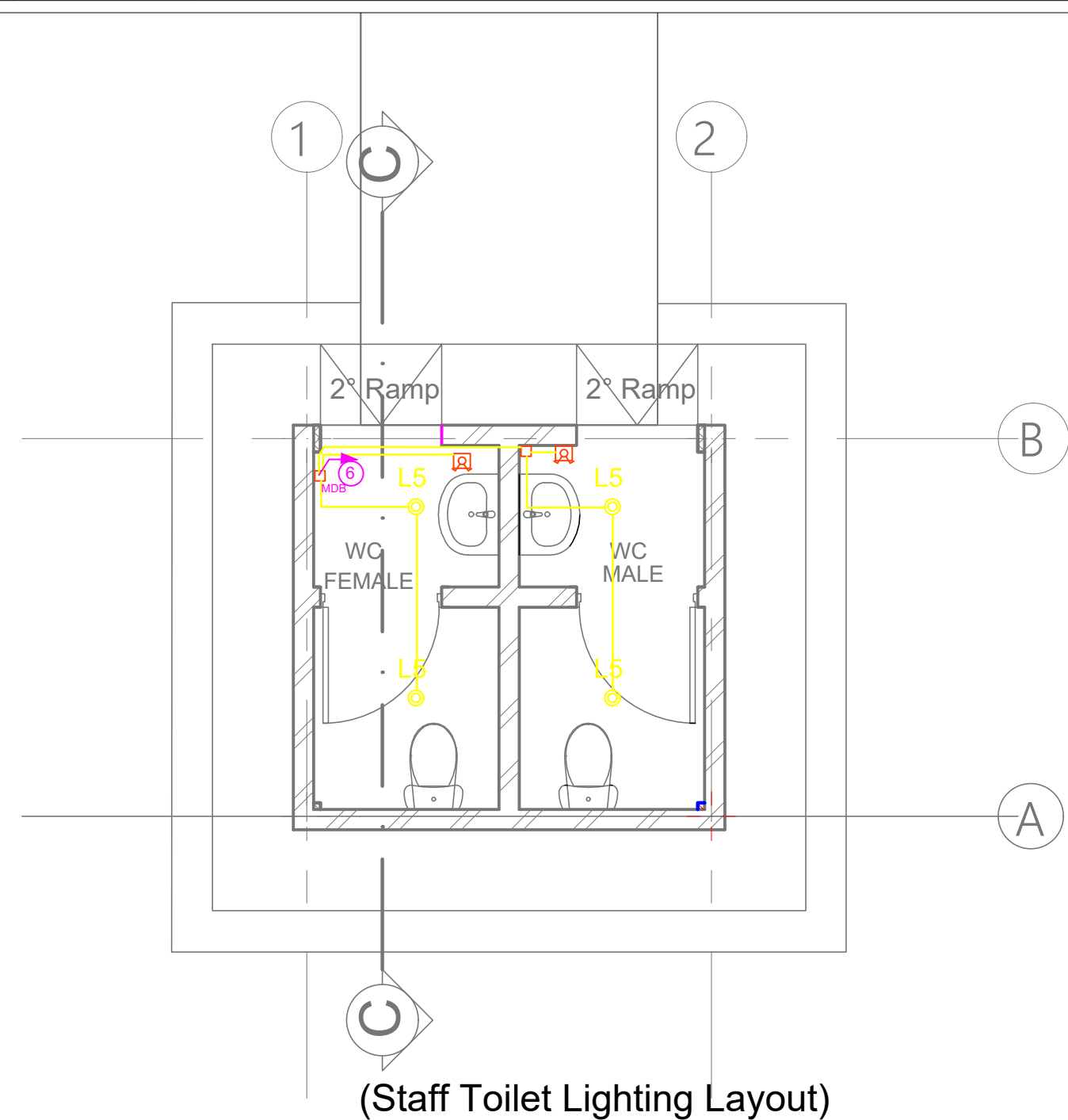




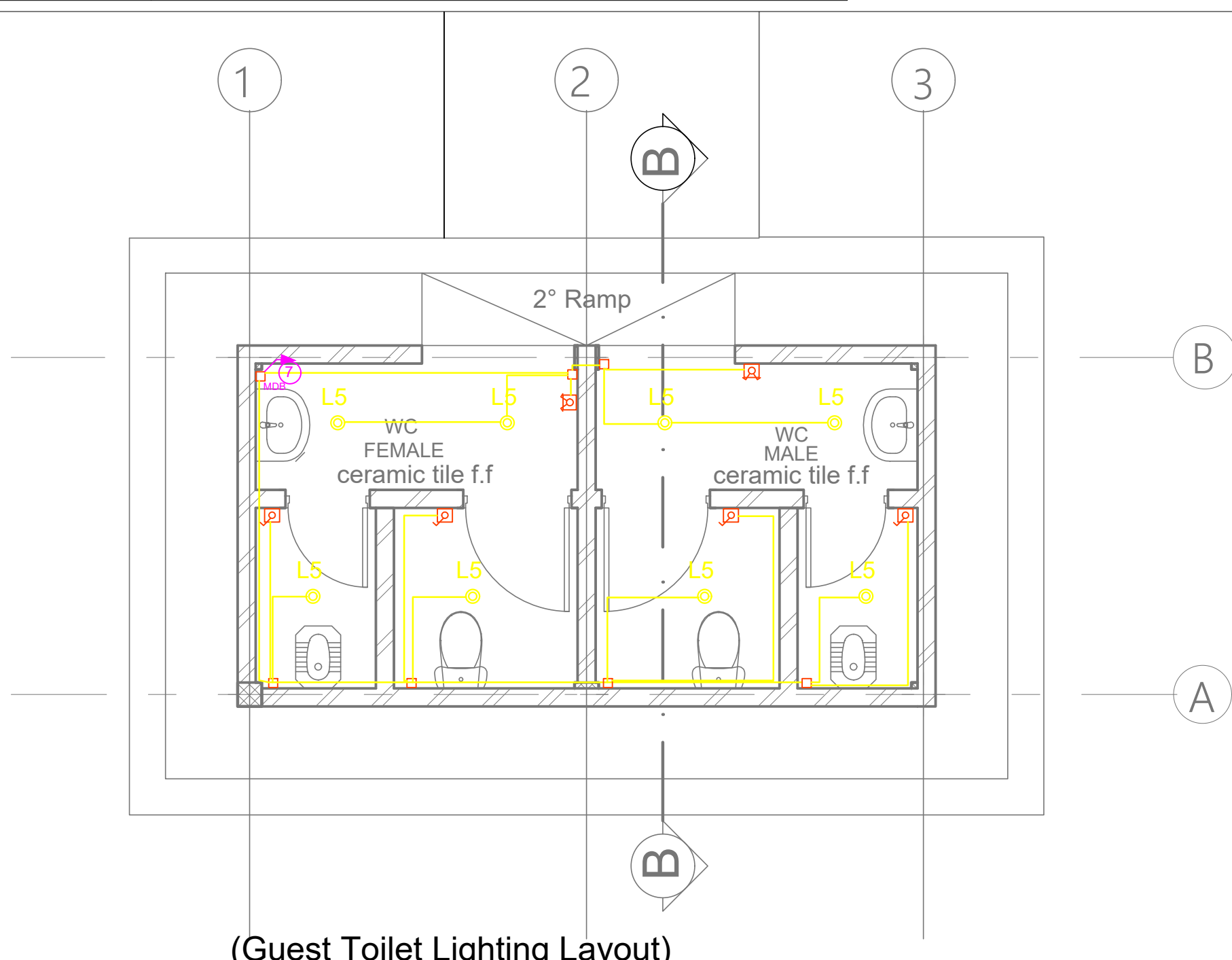




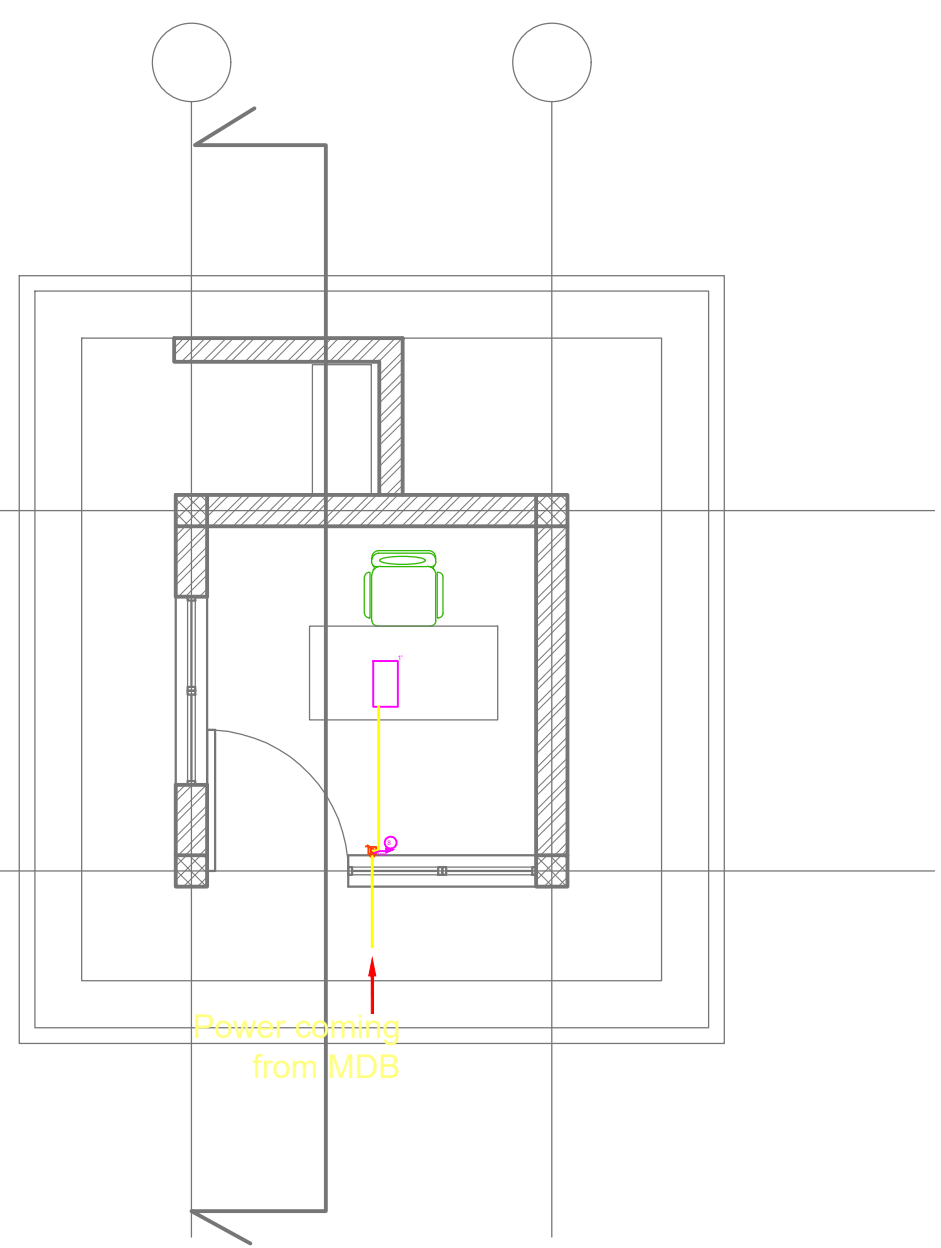
LIGHTING LAYOUT  
SC 1:50



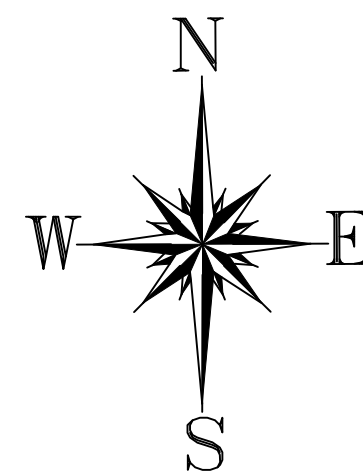
(Staff Toilet Lighting Layout)



(Guest Toilet Lighting Layout)




LEGEND INDOOR LIGHTING			
SYMBOL	REFERENCE	DESCRIPTION / MOUNTING METHODS	LUMINOUS FLUX
	1	Luminaires fix to the ceiling (Fluorescent linear T8 0-26 mm - IP 20) (LED - IP40 surface assembly)	2700lm
	2	LED panel light 40w surface type isolated driver - 4000 K	4200lm
	3	Luminaires fix to the ceiling (Fluorescent linear T8 0-26 mm - IP 20) (LED - IP40 surface assembly)	5400lm
	4	LED panel light 40w surface type isolated driver - 4000 K	1350lm
	5	Luminaires fix to the ceiling (Downlight) LED 17w, IP44, 1400lm Surface assembly	1400lm
	6	Surface mounted LED light 1x12W - IP 44	960lm
	3	Ceiling Fan	
ELECTRICAL ACCESSORIES			
SYMBOL	Ref. Installation		
	One way switch - One way switch, surface mounting		
	Double pole switch - Double pole switch, surface mounting		
	Junction box, surface mounting		
	Junction box, flush mounting		
	Switch box, flush mounting		
	Differential circuit breaker(RCCB)		
	Breaker		
	Overload Limiter		
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		
	Switchboard - Mains Power Supply		
	Mainline 400x40x400		
GENERAL NOTES			
<ul style="list-style-type: none"><li>The implementation of the different components should be aligned by the contractor in the implementation phase, with the elements of the architectural project;</li><li>The dimensions are given as an indication, the contractor must confirm them in place and perform precise measurements before the work is done;</li><li>All dimensions must be confirmed with the architectural project;</li><li>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;</li></ul>			



Rev.	Date:	Description:	Approved
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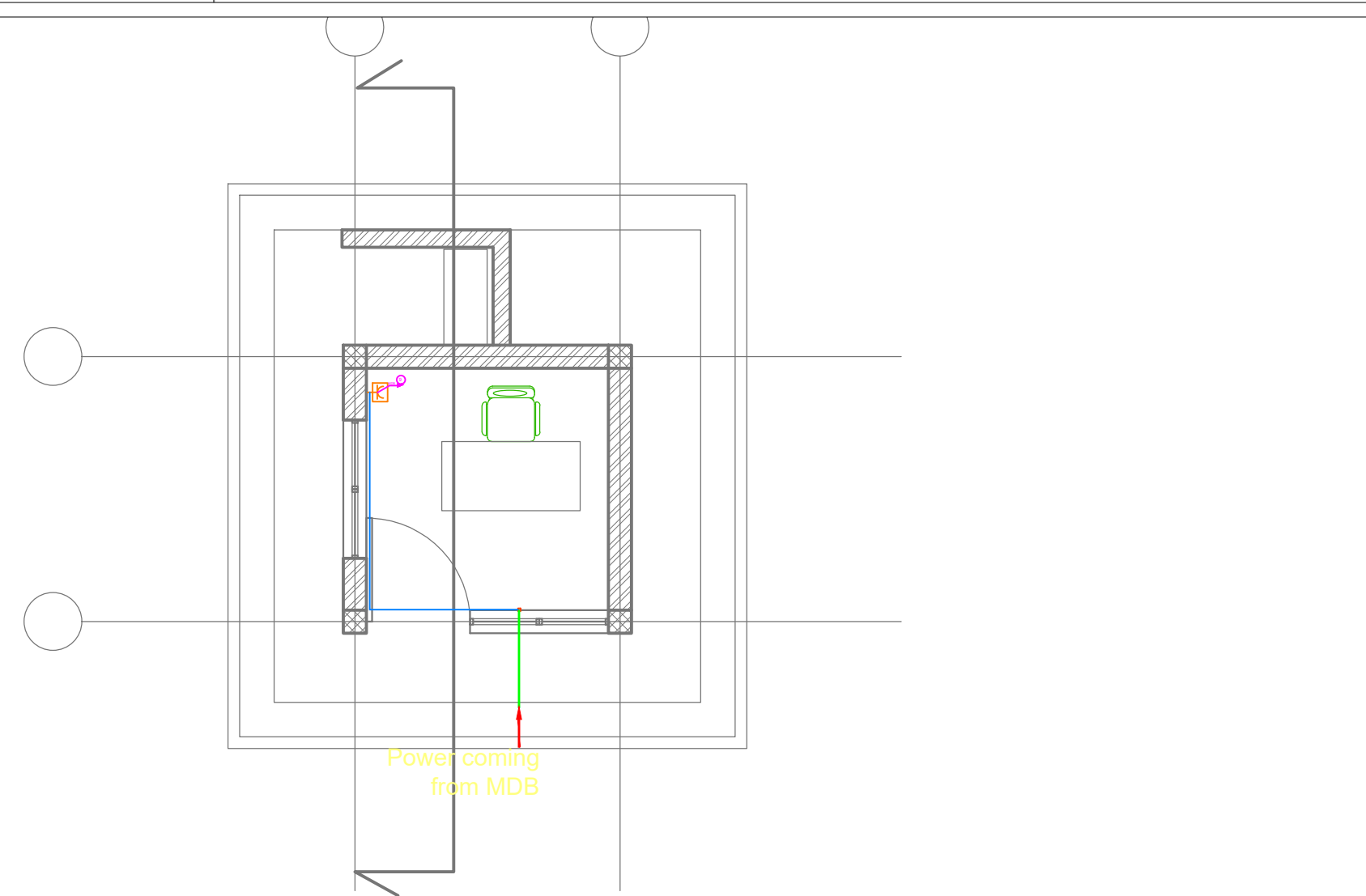
#### KEY PLAN


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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 PUNGINDO-2 OSS CENTER	UNOPS , ETHIOPIA OPERATIONAL HUB
	 UNOPS

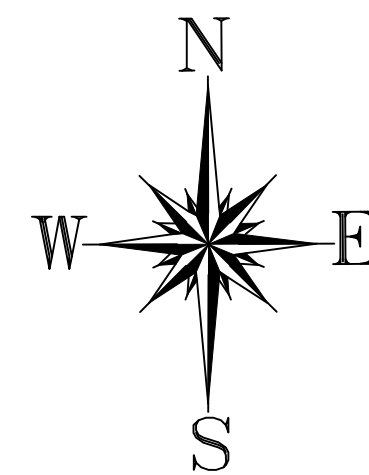
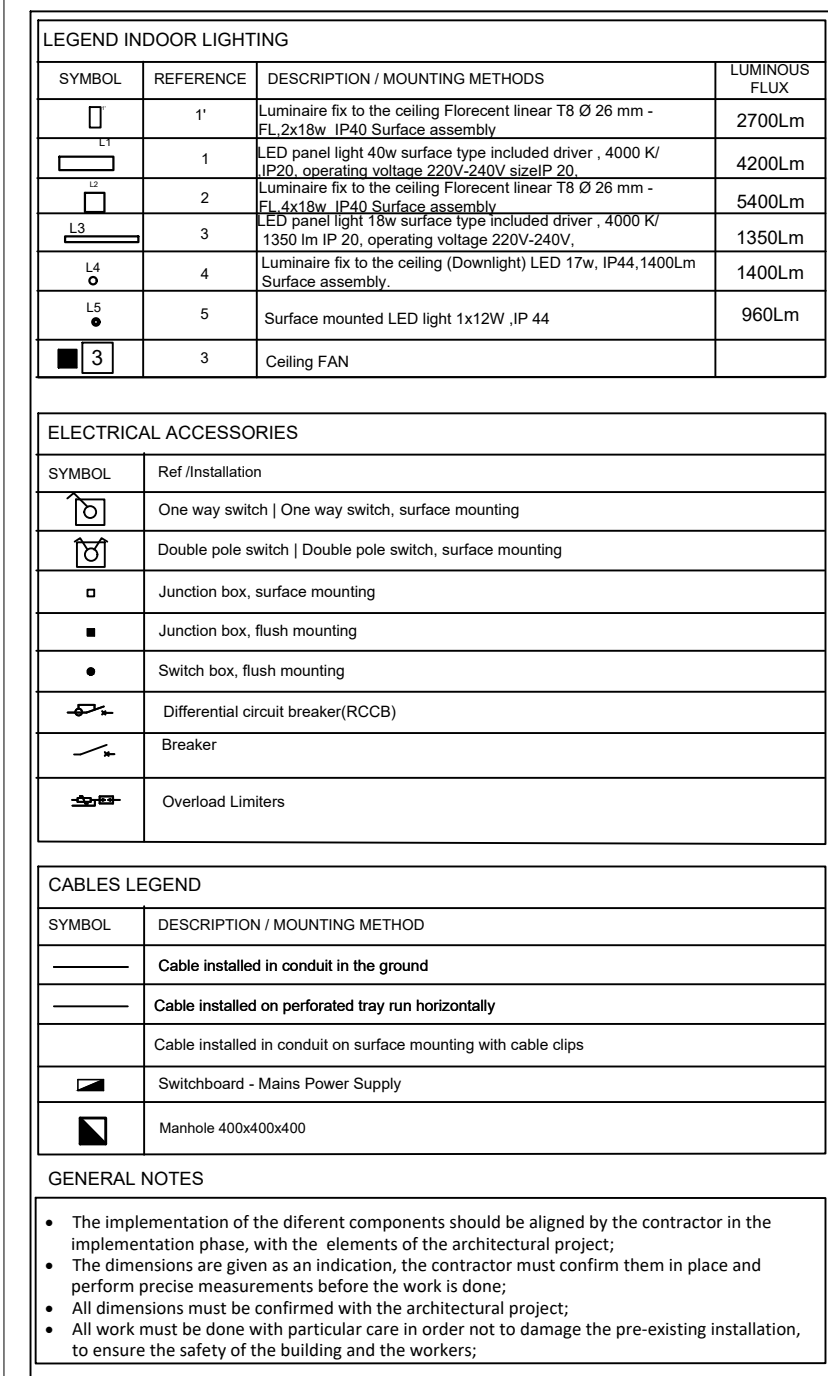
#### ELECTRICAL INSTALALTION PLAN-LIGHTING

Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
YG	EL	02	06	R1
Drawn:	Checked:	Approved:	Size:	Scale:
MA	YG		A1	1:200
Date:				Rev.:
05 / 29 / 2021				0





<h1>KEY PLAN</h1>					
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<p>United Nations Higher Commission for Refugees Office for the AU ( UNHCR)</p>		<p>United Nations Higher Commission for Refugees Office for the AU ( UNHCR)</p>			
<p>Program:</p>		<p>Implemented By:</p>			
<p>Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model</p>		<p>UNOPS , ETHIOPIA OPERATIONAL HUB</p>			
<p>Project Name:</p>		<p>Design:</p>			
<p>GAMBELLA PUNGINDO-2 OSS CENTER</p>		<p>UNOPS , ETHIOPIA OPERATIONAL HUB</p>			
					
<p>Drawing Title:</p>					
<h2>ELECTRICAL INSTALATION PLAN- SOCKET OUTLET FAN AND FIRE FIGHTING</h2>					
<p>Designed by</p>		<p>Discipline:</p>	<p>Dr. No:</p>	<p>Tot. No:</p>	<p>Rev No:</p>
<p>YG</p>		<p>EL</p>	<p>03</p>	<p>06</p>	<p>R1</p>
<p>Drawn:</p>	<p>Checked:</p>	<p>Approved:</p>	<p>Size:</p>	<p>Date:</p>	<p>Rev.:</p>
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Rev.:	Date:	Description:	Approved

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Funded By:

Partner:	
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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	
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Implemented By	
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## Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model

UNOPS, ETHIOPIA  
OPERATIONAL HUB

Project Name:	
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Design:

GAMBELLA PUNGIND  
OSS CENTER

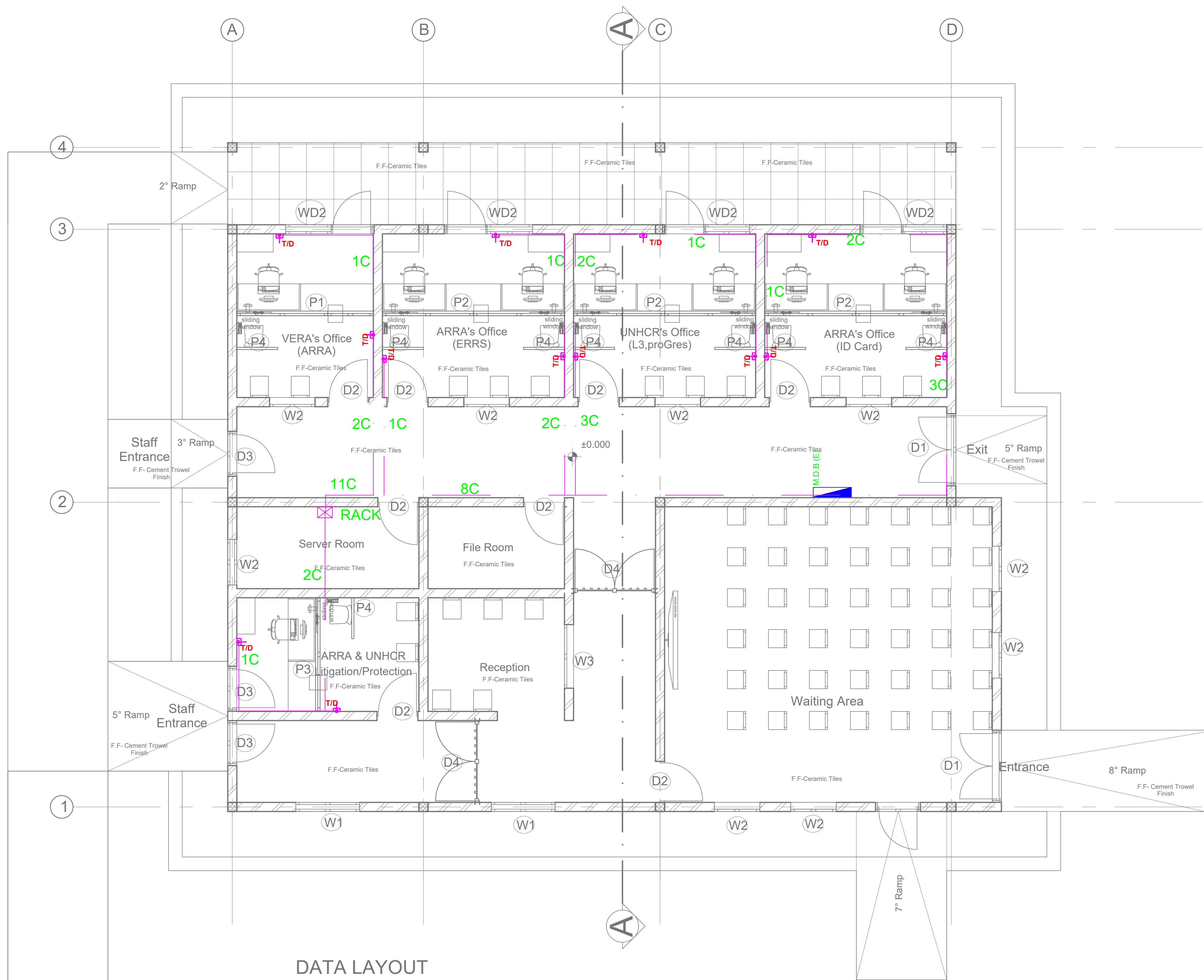
UNOPS, ETHIOPIA  
OPERATIONAL HUB

 UNOP

Drawing Title

## ELECTRICAL INSTALATION PLAN- DISTRIBUTION BOARD SCHEDULE

Designed by			Discipline:	Dr. No:	Tot. No:	Rev No:
YG			EL	04	06	R1
Drawn:	Checked:	Approved:	Size:	Scale:	Date:	Rev.:
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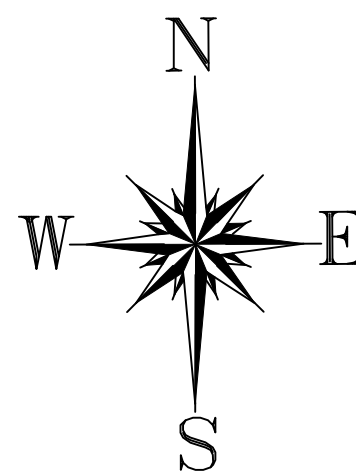


DATA LAYOUT  
SC 1:50

LEGEND	
SYMBOL	DESCRIPTION / MOUNTING METHOD
T/D	Data Telephone Outlet
P	Switch
J	Junction box, surface mounting
J	Junction


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 - Mains Power Supply
—	Manhole 400x400x400

- 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;



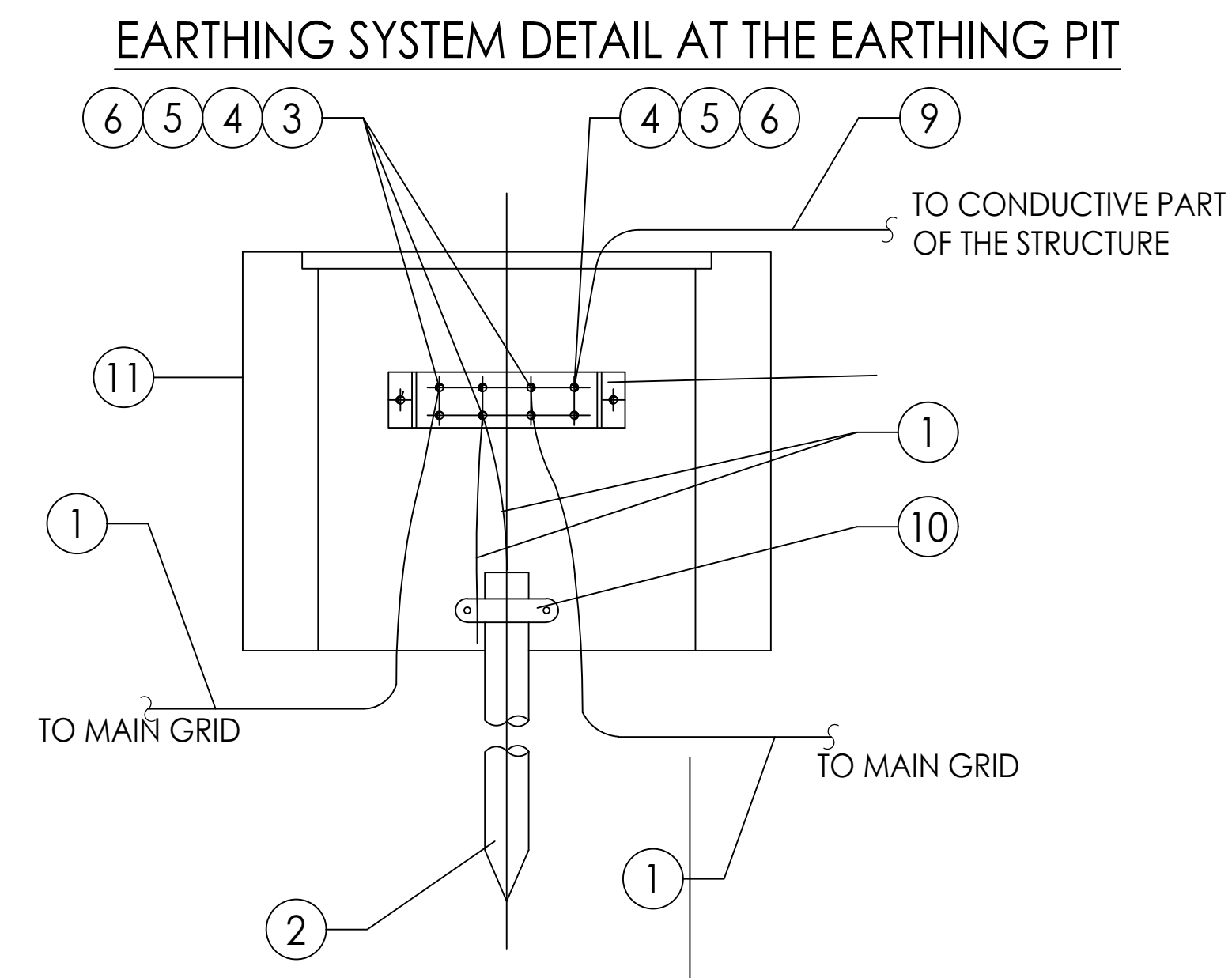
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#### KEY PLAN

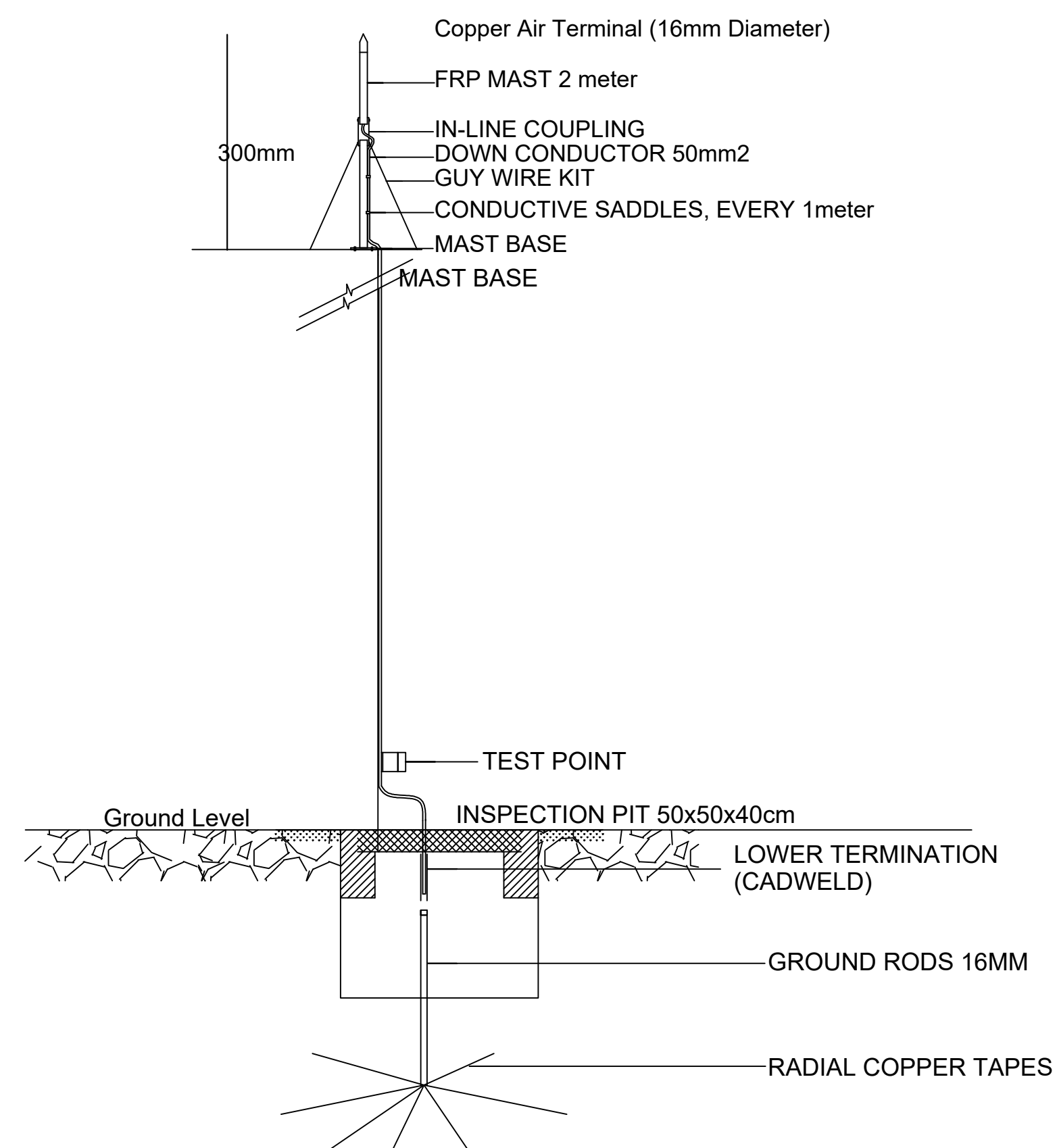
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Funded By:	Partner:
United Nations Higher Commission for Refugees Office for the AU ( UNHCR)	United Nations Higher Commission for Refugees Office for the AU ( UNHCR)
Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ,ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
GAMBELLA PUNGINDO-2 OSS CENTER	UNOPS ,ETHIOPIA OPERATIONAL HUB
	



REF.	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



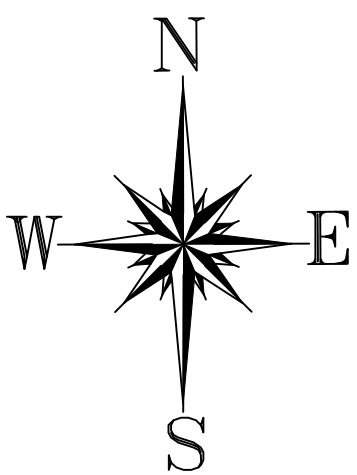
TYPE	DESCRIPTION
1	EARTH STRANDED COPPER CONDUCTOR = 1 x 16mmsq.
2	EARTH ELECTRODE - COPPER ROD 1200 x 10mm
3	COMPRESSION CABLE TERMINAL FOR ROPE IN Cu Ø14.7 (HOLE Ø13)
4	PIN STAINLESS STEEL M12X40
5	FLAT WASHER IN STAINLESS STEEL Ø13 mm
6	DIE IN STAINLESS STEEL M12
7	GROUND STRAP IN Cu DIM. 260 x 100 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



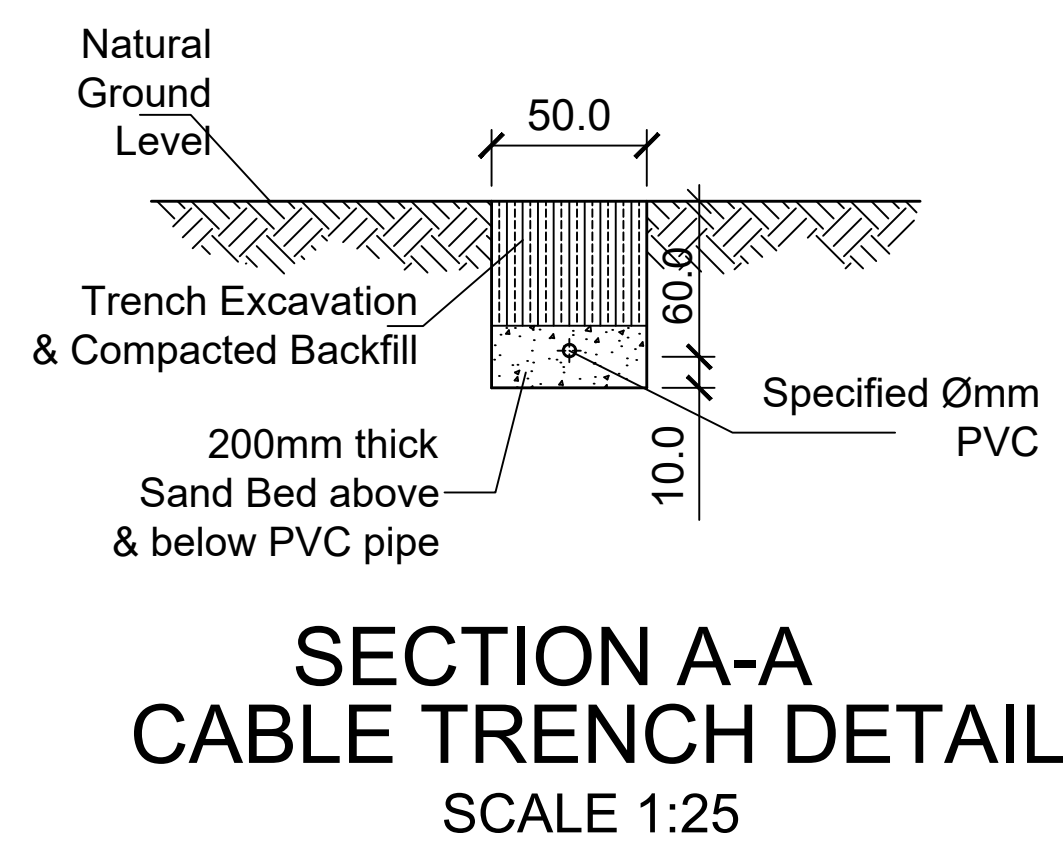
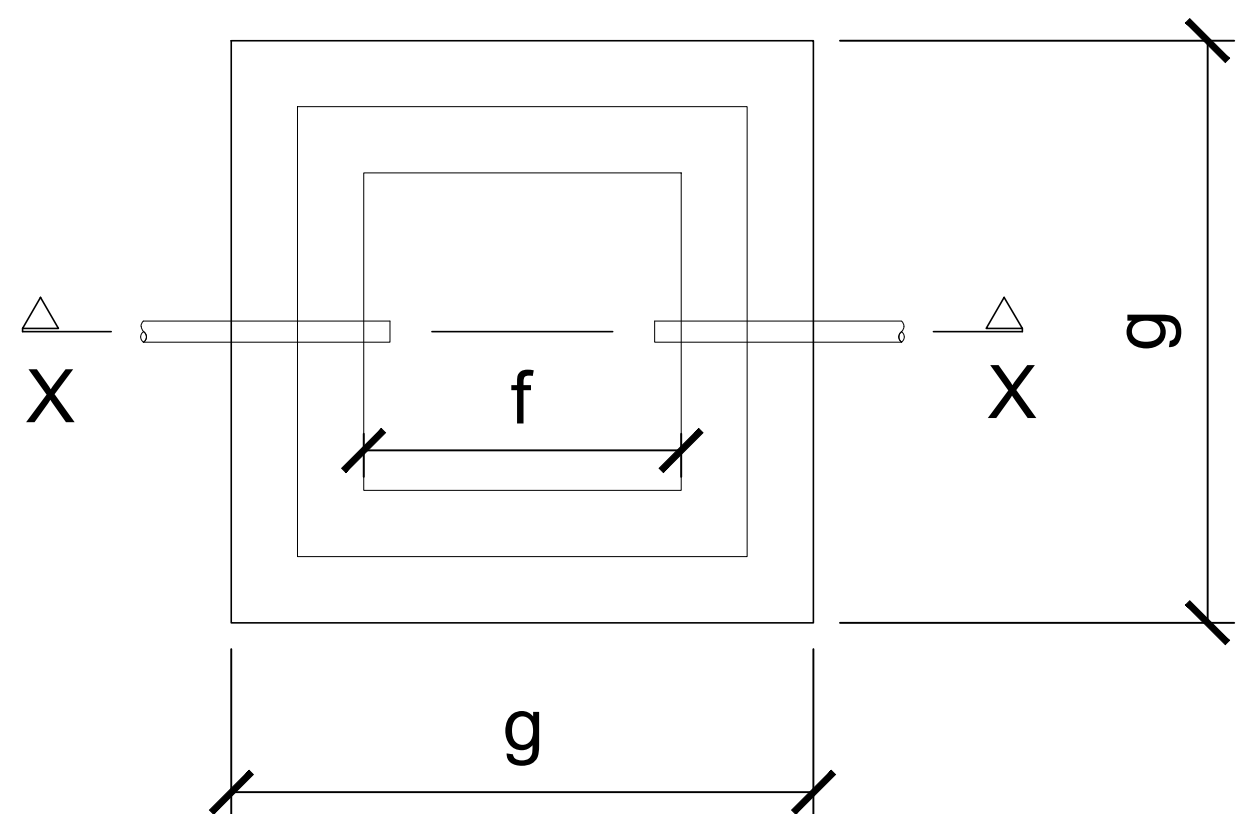
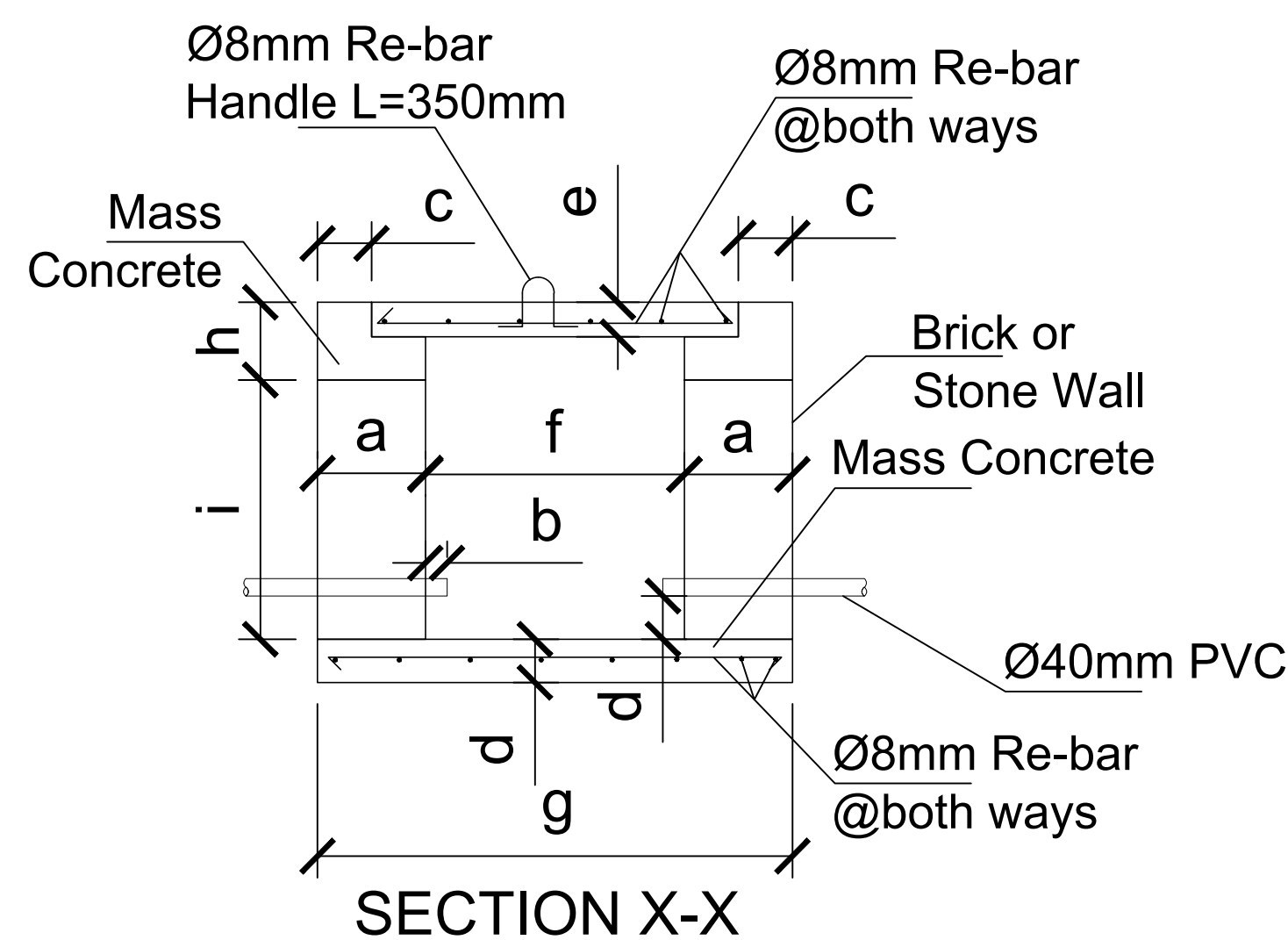
## LIGHTNING PROTECTION SYSTEM DETAIL

## 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.




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SECTION A-A  
CABLE TRENCH DETAIL  
SCALE 1:25

## 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 PUNGINDO-2 OSS CENTER	UNOPS , ETHIOPIA OPERATIONAL HUB 

## ELECTRICAL INSTALATION PLAN- EARTHING AND MANHOLE DETAIL

Designed by			Discipline:	Dr. No:	Tot. No:	Rev No:		
YG			EL	06	06	R1		
Drawn:	Checked:	Approved:	Size:	Scale:	Date:	Rev.:		
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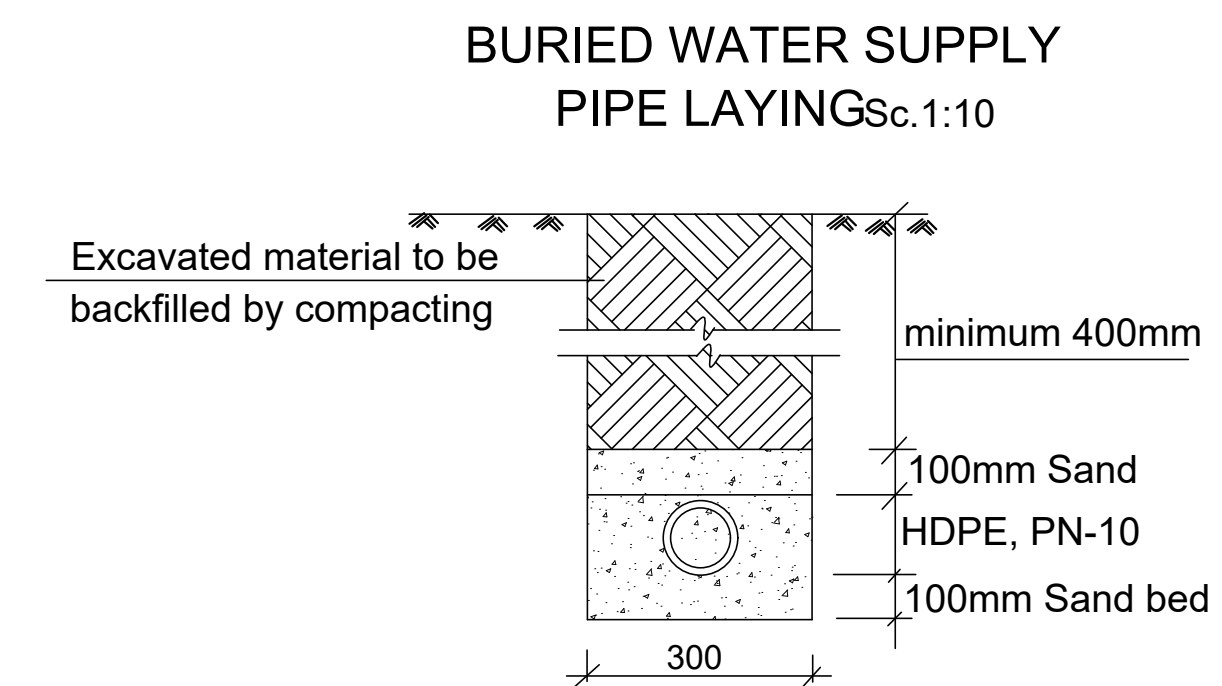






Ground floor sanitary layout  
(Waste Water)  
Scale 1:50





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



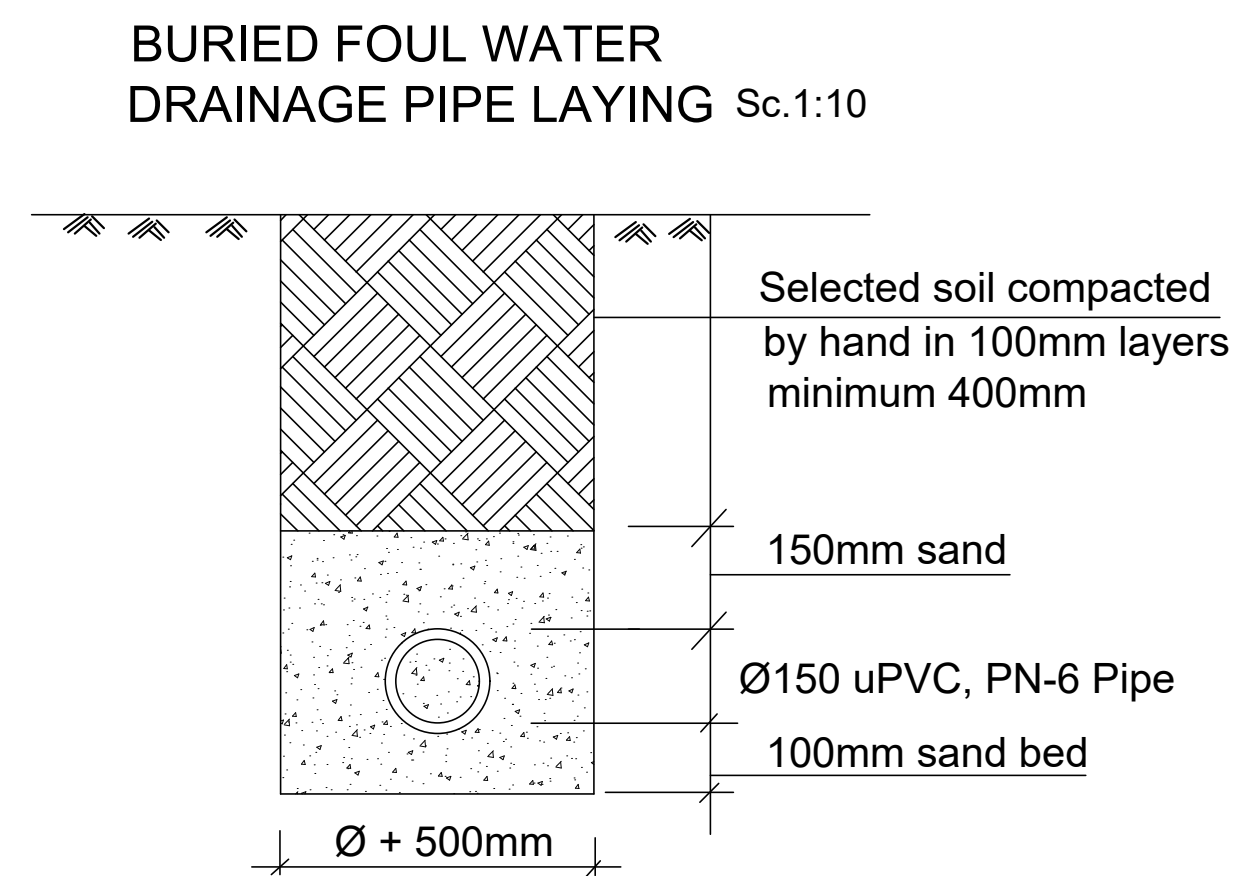
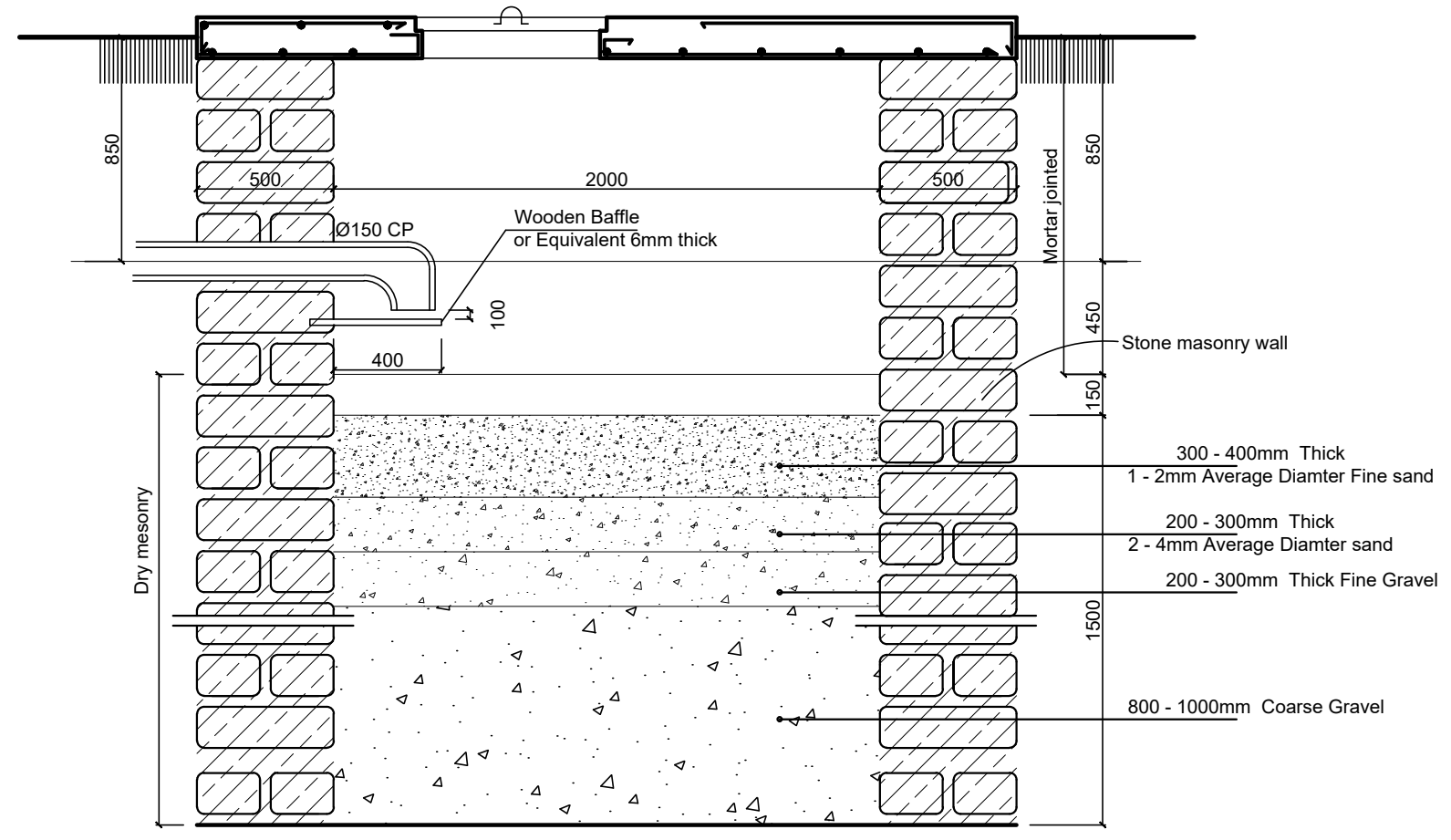
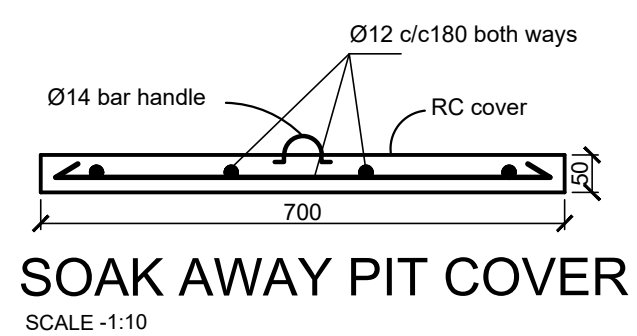
- GENERAL NOTES:

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**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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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:
Pungindo II Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB

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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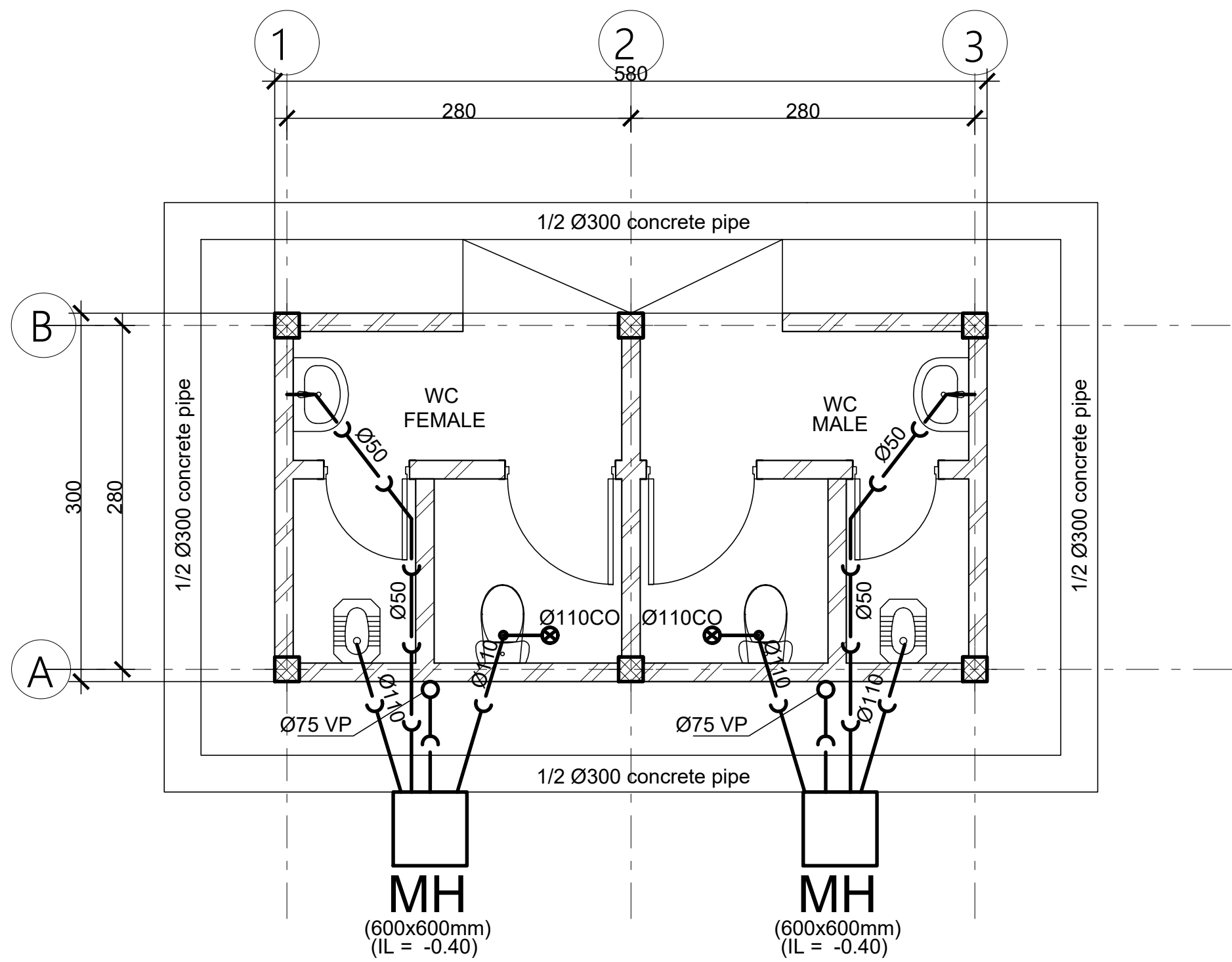
KEY PLAN

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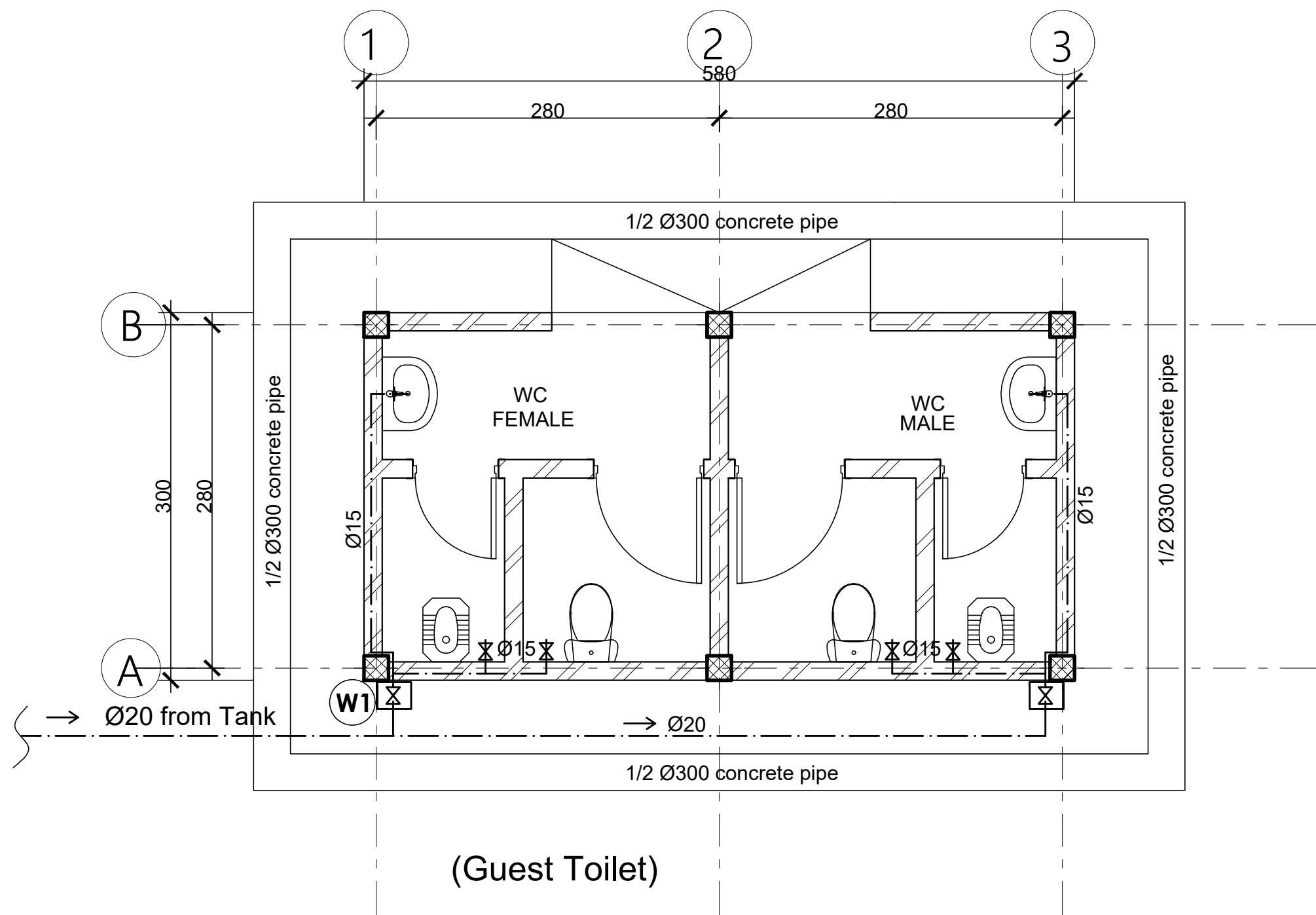
Funded By:	Partner:
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Program:	Implemented By:
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model	UNOPS ETHIOPIA OPERATIONAL HUB
Project Name:	Design:
Pungindo II Oss Center	UNOPS ETHIOPIA OPERATIONAL HUB
Drawing Title:	

PROPOSED GROUND FLOOR PLAN - REGISTRATION MODEL

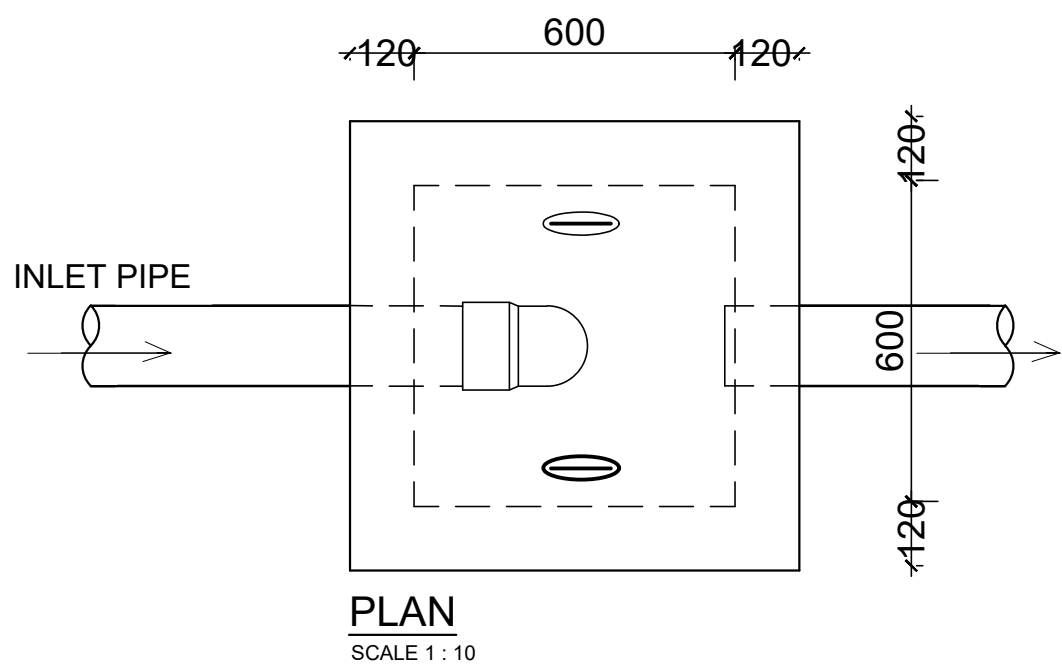
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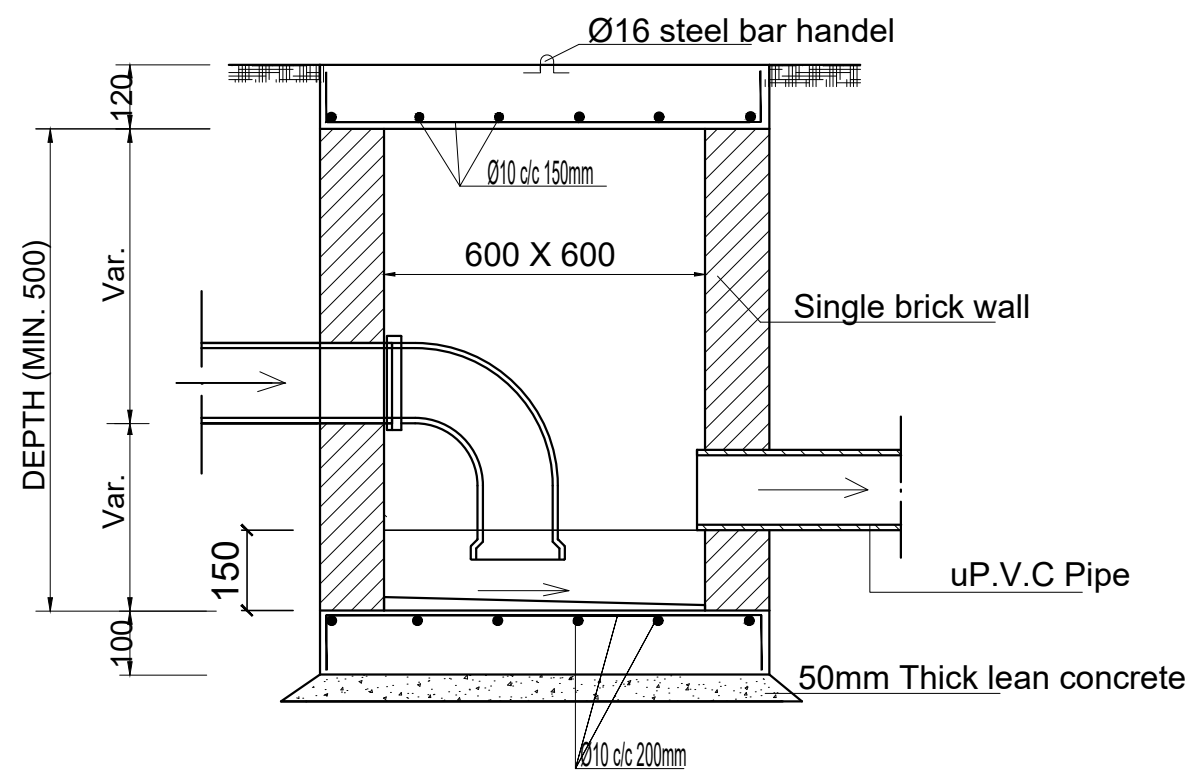
(Guest Toilet)  
Ground floor sanitary layout  
(Waste Water)  
Scale 1:50



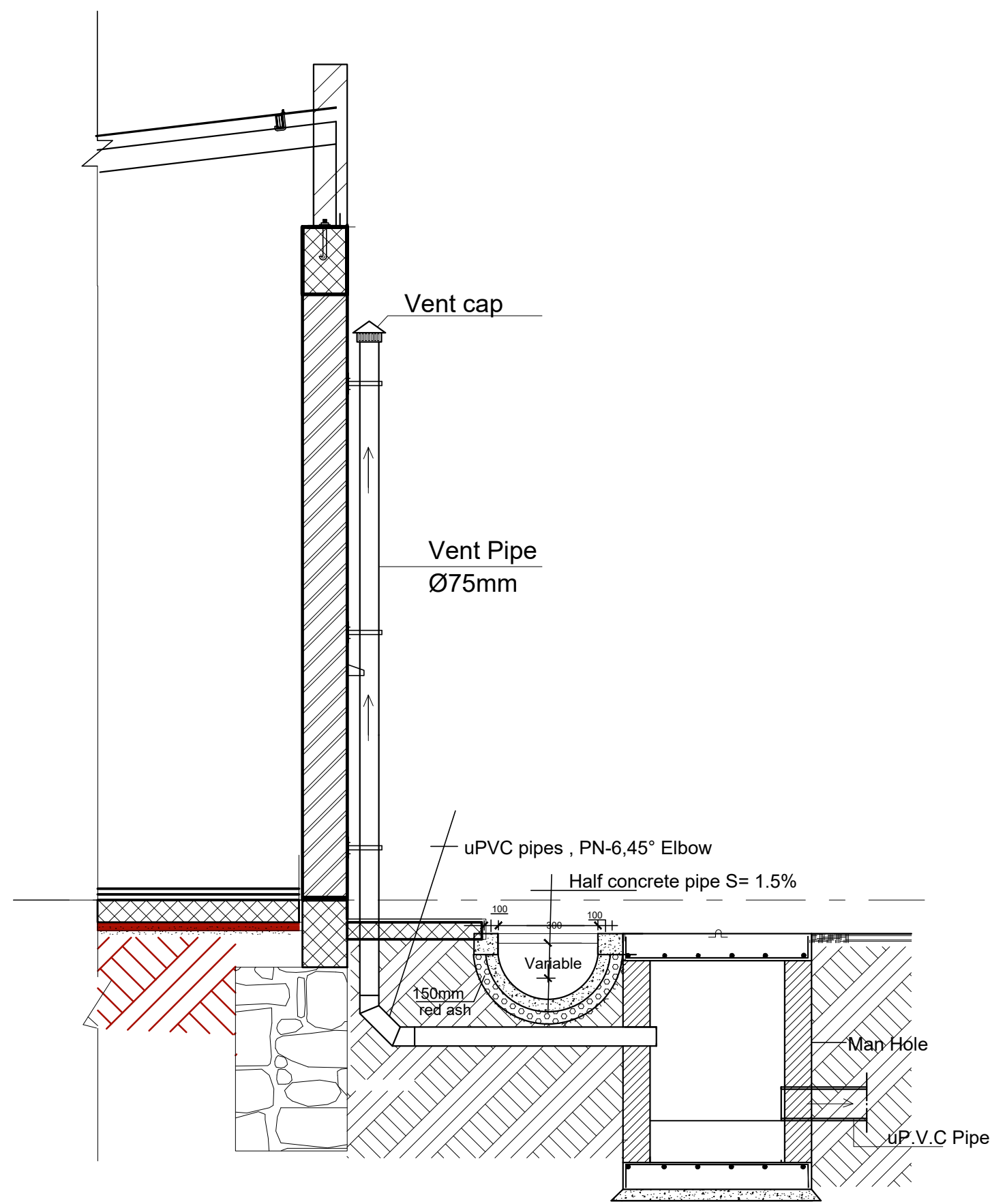
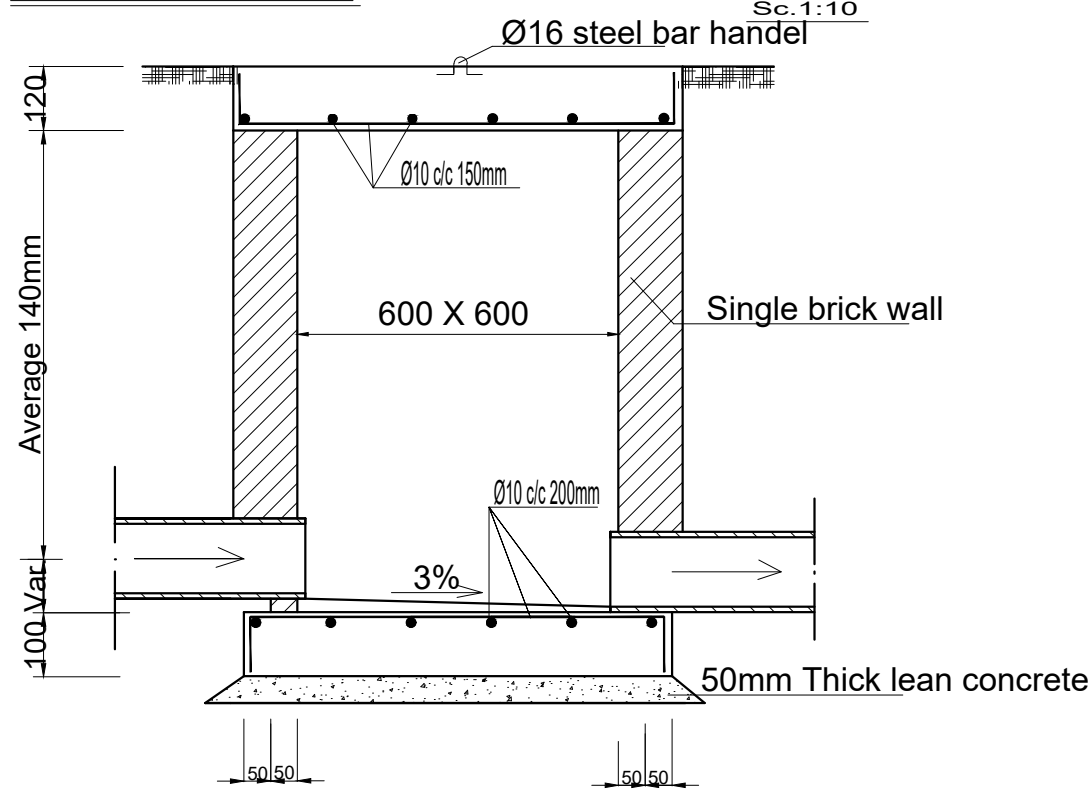
Ground floor sanitary layout  
(Water Supply)  
Scale 1:50



SECTION OF MAN HOLE  
DETAILS OF GULLY TRAP



TYPICAL SECTION OF MAN HOLE FOR  
SITE WASTE WATER



VENT PIPE DETAILS  
SCALE -1:25

Architectural floor plan of a building. The plan shows a central corridor (2) flanked by two rooms (1). The overall dimensions are 5650 (width) and 2400 (depth). The corridor width is 2000, and the room width is 2000. The room depth is 2000. The corridor length is 5275. The room length is 5275. The plan includes structural columns (1, 2, 3, 4), walls, doors, and windows. A section line A-A is indicated.

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



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YG			SN	04	04			R0		
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