

# ARCHITECTURAL DRAWINGS INDEX

# DRAWING INDEX

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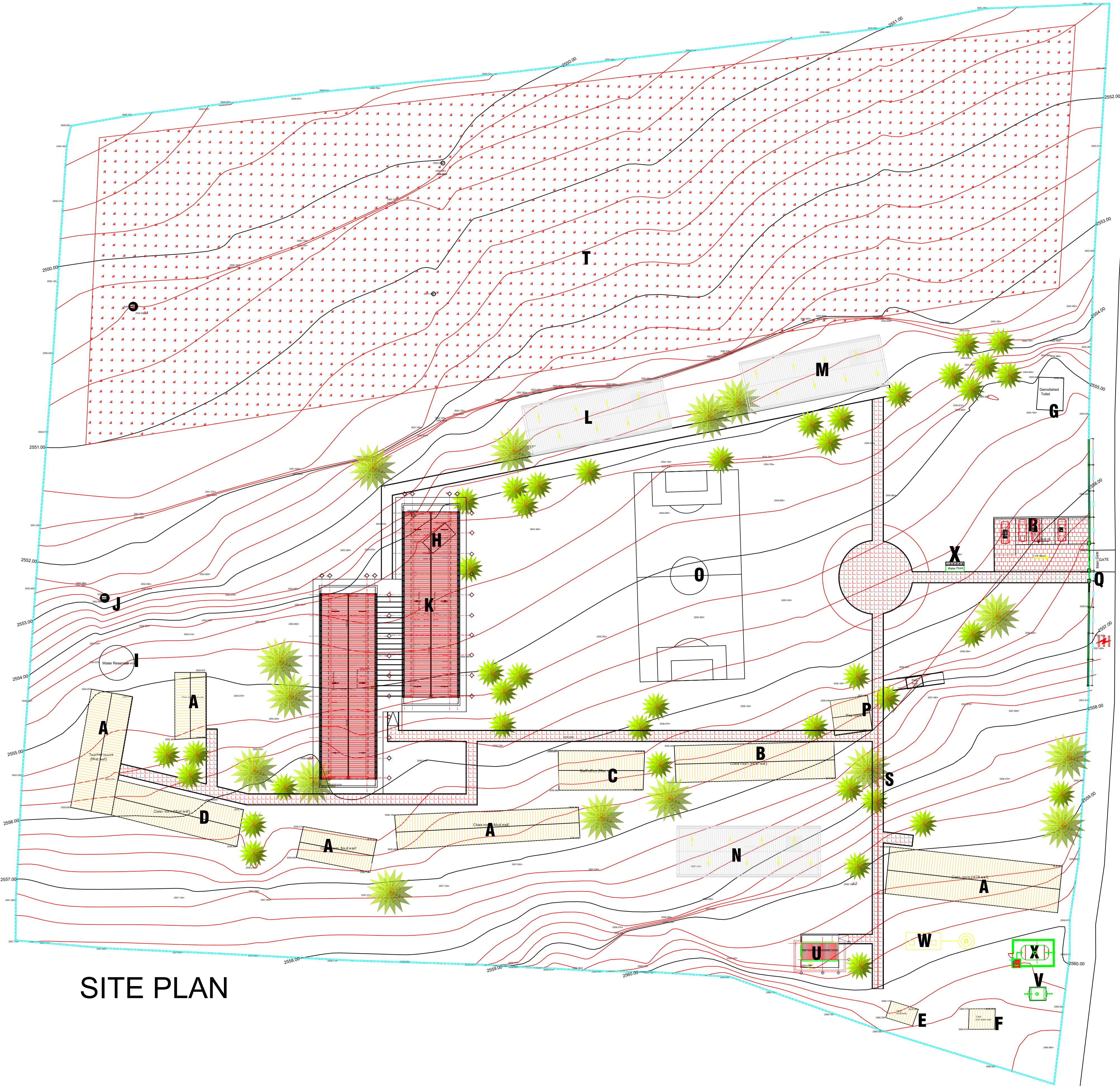
# World Bank

**FDRE - Ministry of Finance UNOPS - ETMCO**

# Response -Recovery-Resilience for conflict affected communities in Ethiopia

# SERENGA PRIMARY SCHOOL





SITE PLAN

GENERAL NOTES:

LEGEND

- Existing
- A- Class room
  - B- Library, Store, Office and Classroom
  - C- Teaching aid and Class room
  - D- Laboratory and Class room
  - E- Boy's latrine
  - F- Girls Latrine (CIS)
  - G- Demolished latrine
  - H- Guard house
  - I- Rain water reservior
  - J- Hand pump
  - T- Farm area

- New
- K- Class room
  - O- Sport field
  - P- Shaded play area
  - Q- Parking
  - R- Entrance gate and fence
  - S- Pedestrian walkway
  - V - ELEVATED WATER TANKER
  - W - SEPTIC TANK
  - X - GROUND WATER TANKER
  - U - Staff latrine

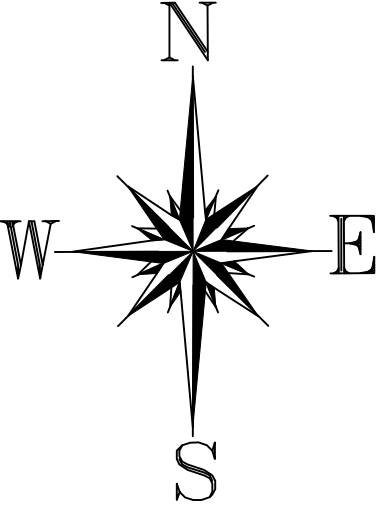
- Future expansion
- L- Laboratory
  - M- Library
  - N- Kitchen and Cafe

LEGEND

- New Buildings
- Walkways
- Concrete Pavedment Area
- Grassland
- Existing Buildings
- Trees
- Contour lines
- Water point
- Electricity pole

Note: Walkways and Front Fence will be implemented by the School Community. The Contractor shall work part of the plan as Directed by UNOPS site Engineer

Rev.	Date	Description	Approved
0			



KEY PLAN

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World Bank	FDRE- Ministry of Finance
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Response -Recovery-Resilience for conflict affected communities in Ethiopia	FDRE - Ministry of Finance UNOPS - ETMCO
Project Name:	Design:
SERENGA PRIMARY SCHOOL	UNOPS-ETMCO
Drawing Title:	

SITE PLAN

Designed by	Discipline:	Dt. No:	Tot. No:	Rev No:
RH	AR	01	10	R0
Drawn:	Checked:	Approved:	Size:	Scale:
FM	AE	SH	A1	1:400
Date:	02 / 06 /2023	Rev.:	0	



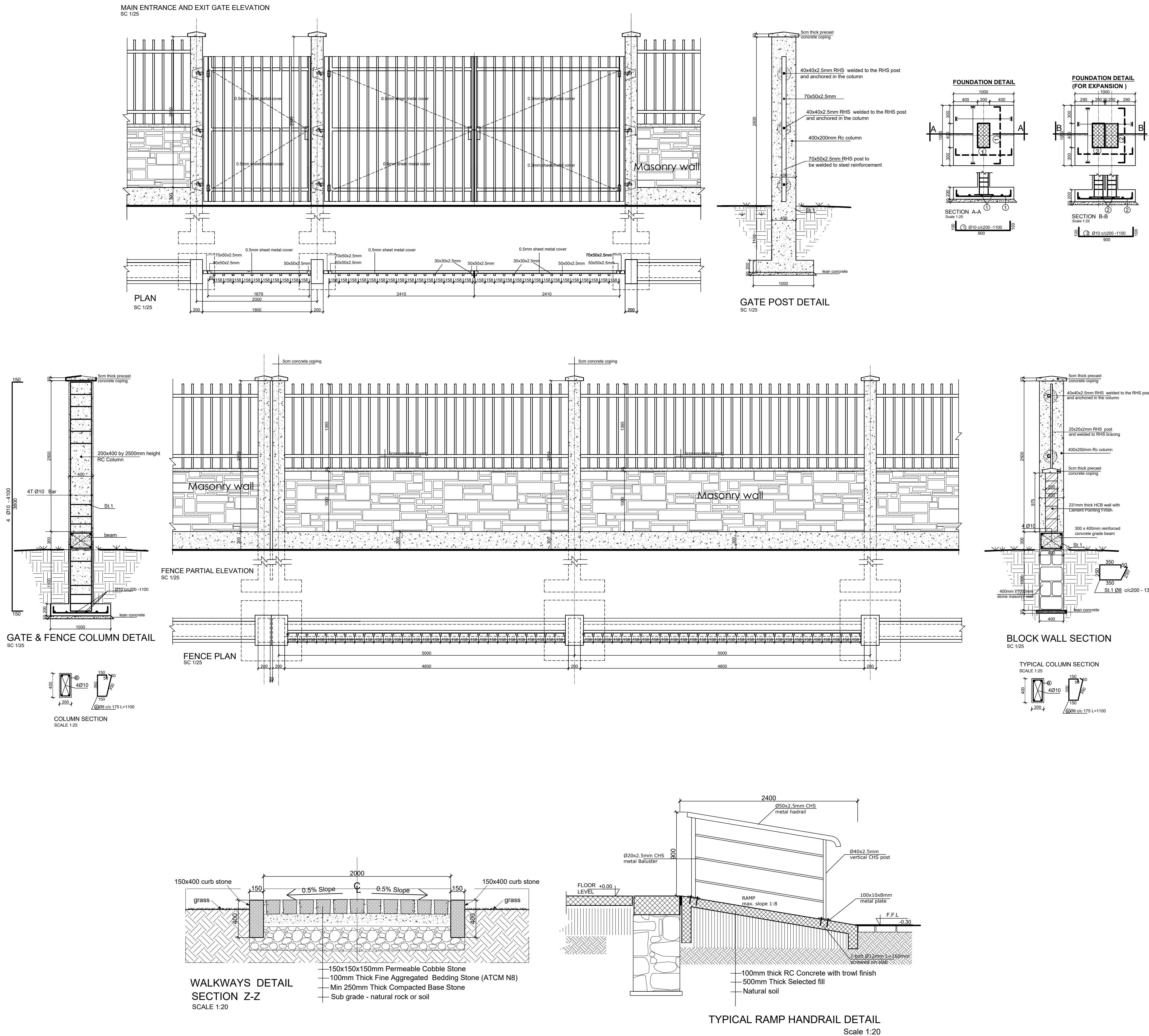




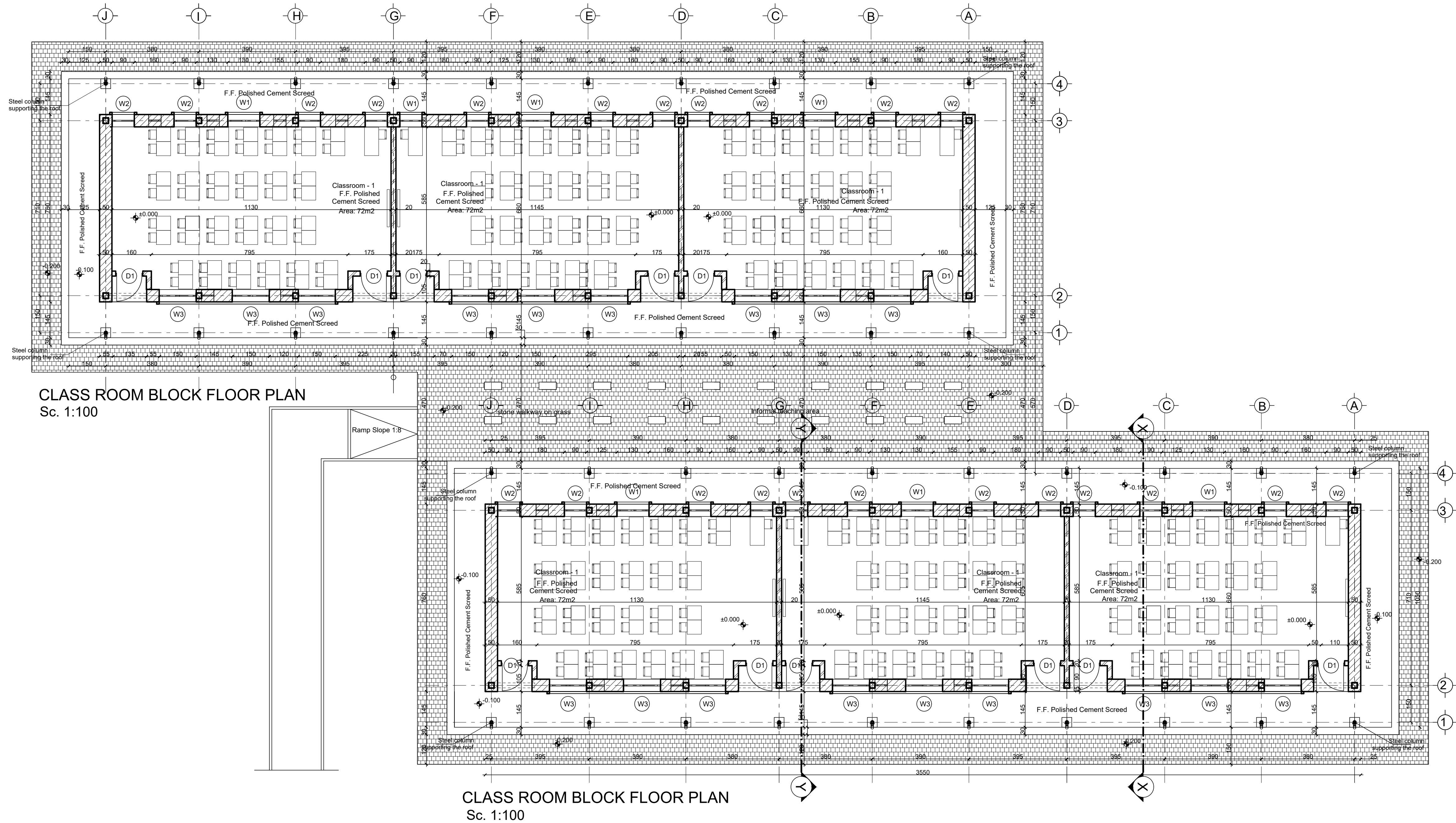
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RH			AR	03	10	R0			
Drawn:	Checked:	Approved:	Size:	Scale:	Date:	Rev.:			
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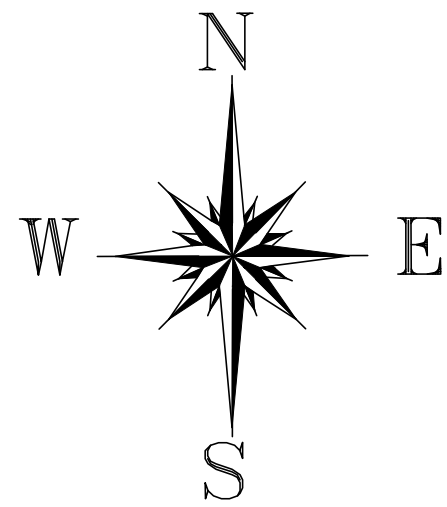


CLASS ROOM BLOCK FLOOR PLAN  
Sc. 1:100

CLASS ROOM BLOCK FLOOR PLAN  
Sc. 1:100

GENERAL NOTES:

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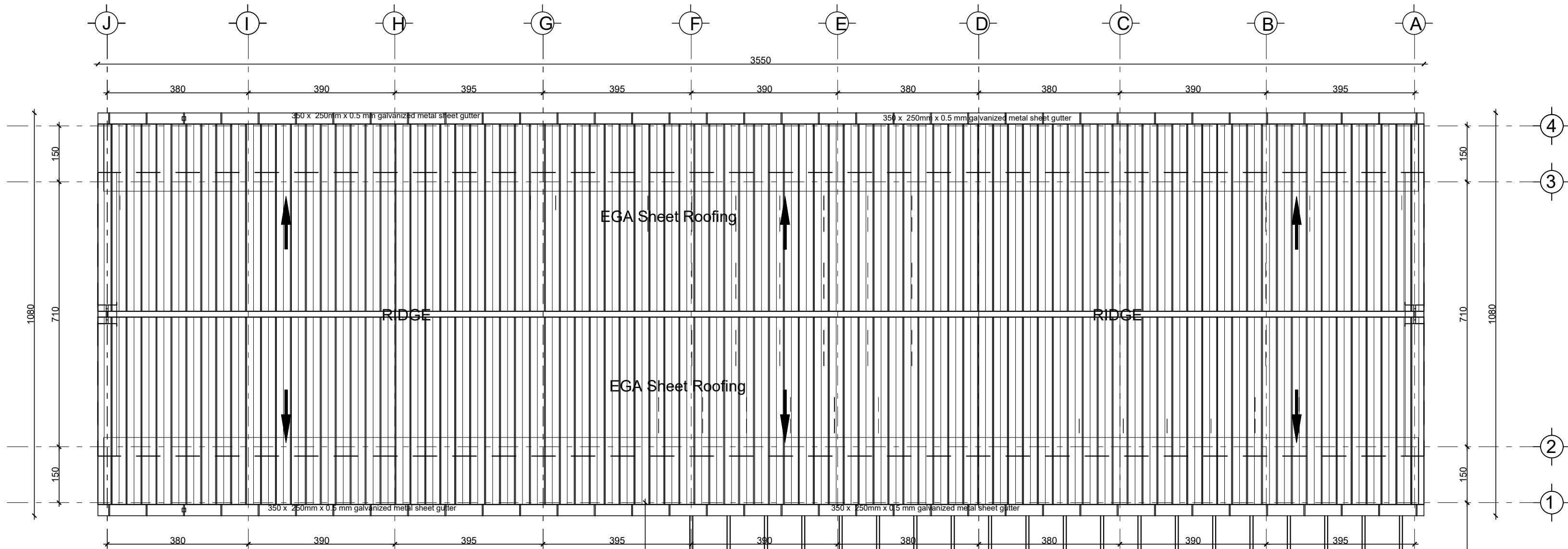


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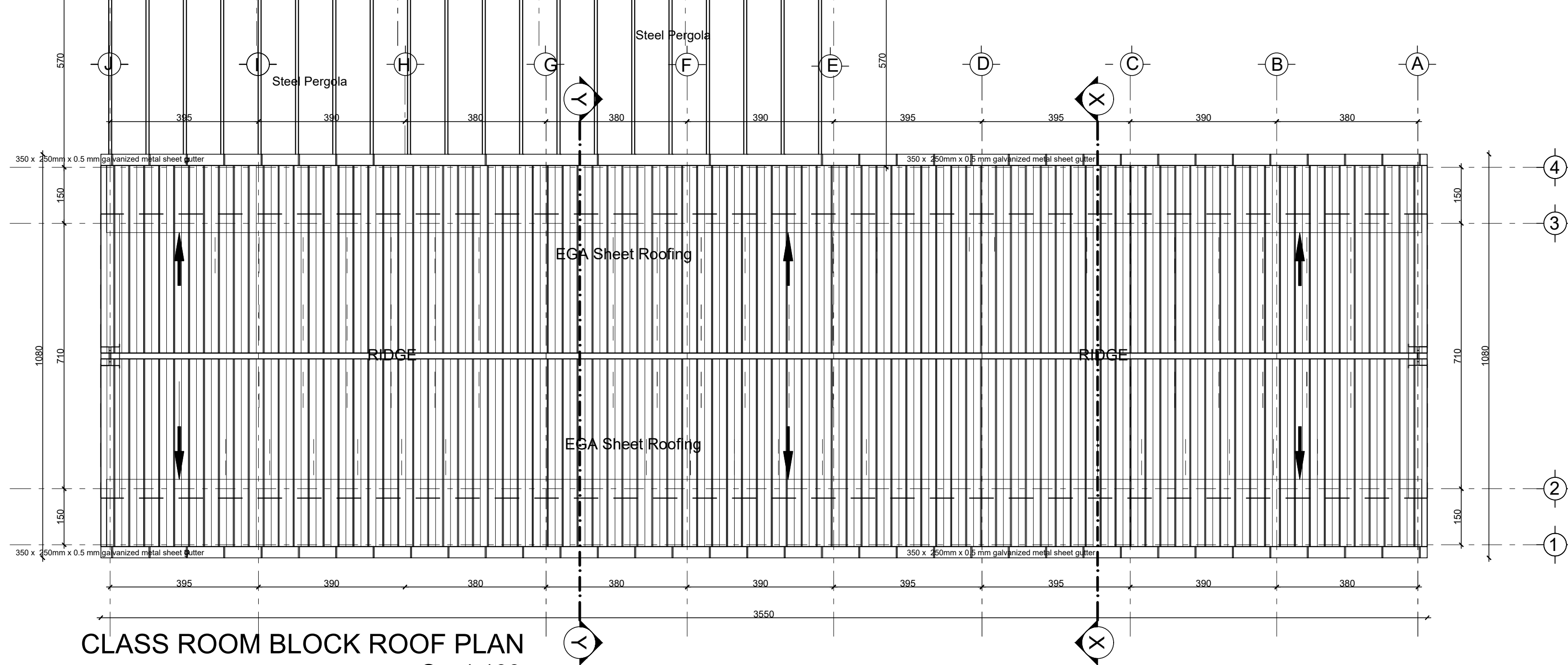
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Program:		Implemented By:	
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Project Name:		Design:	
SERENGA PRIMARY SCHOOL		UNOPS-ETMCO	
Drawing Title:		UNOPS	

Class Room floor plan

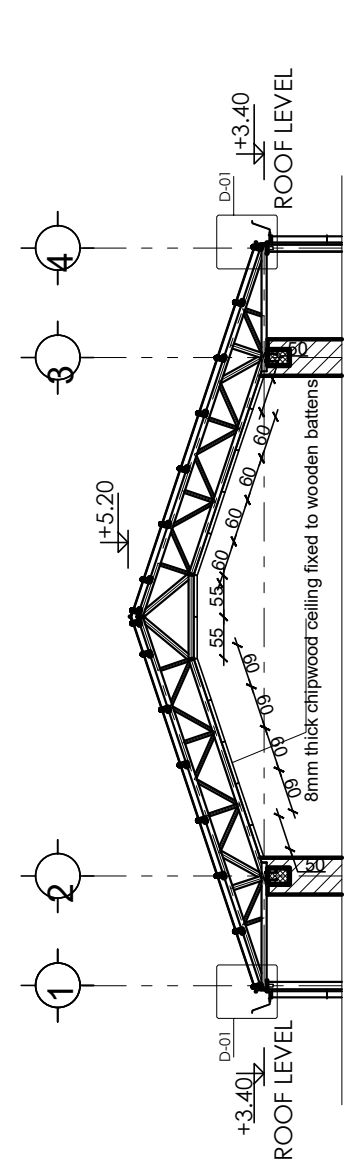
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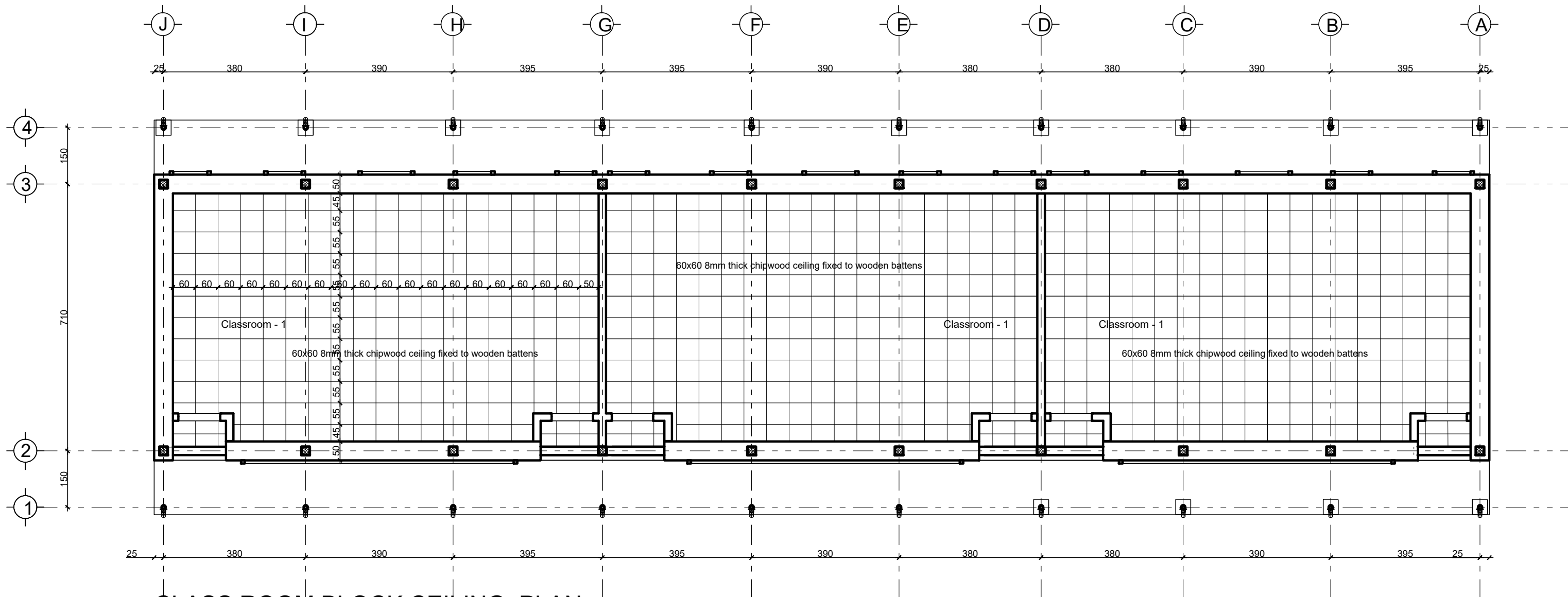
CLASS ROOM BLOCK ROOF PLAN  
Sc. 1:100



CLASS ROOM BLOCK ROOF PLAN  
Sc. 1:100



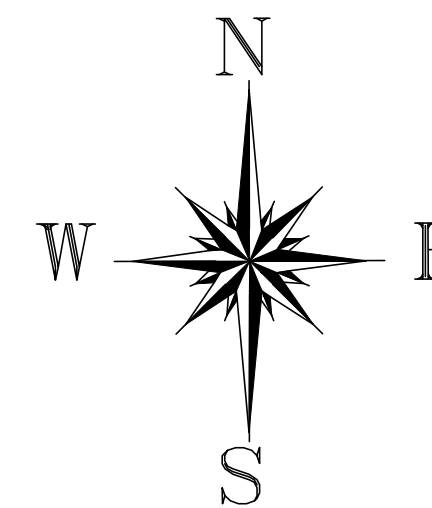
Ceiling Section  
Sc. 1:100



CLASS ROOM BLOCK CEILING PLAN  
Sc. 1:100

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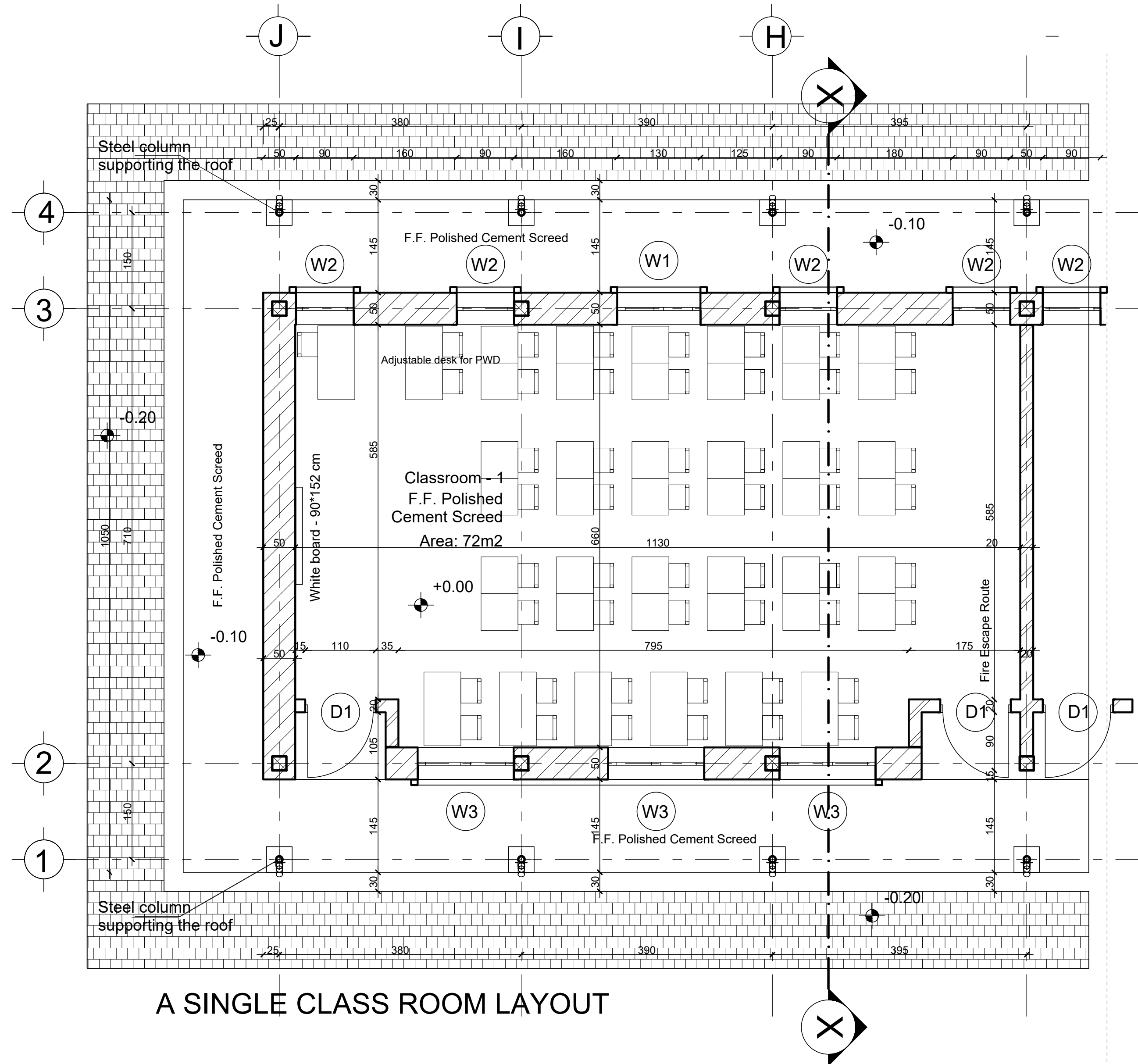


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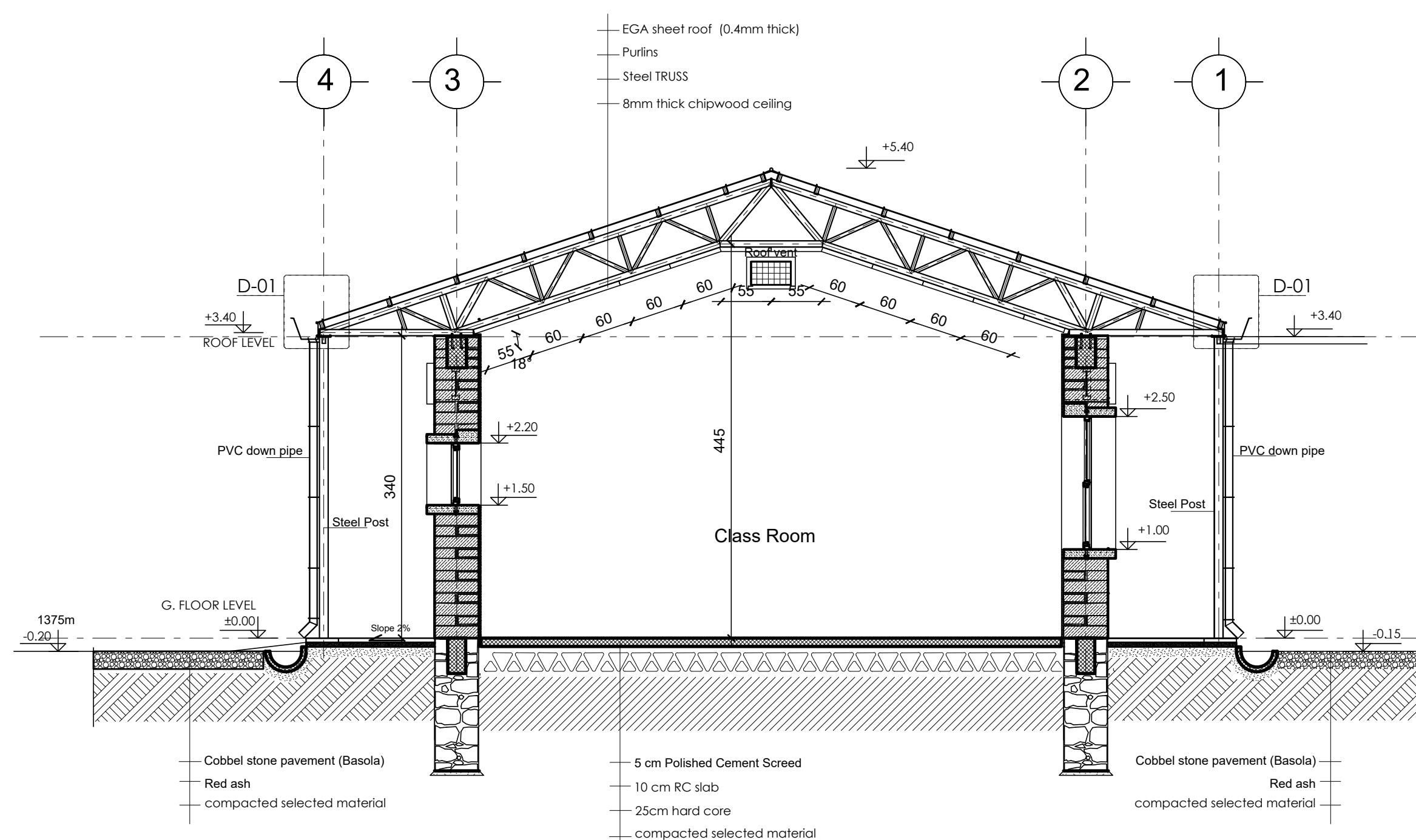
Classroom Roof and Ceiling Plan

Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
RH	AR	05	10	R0
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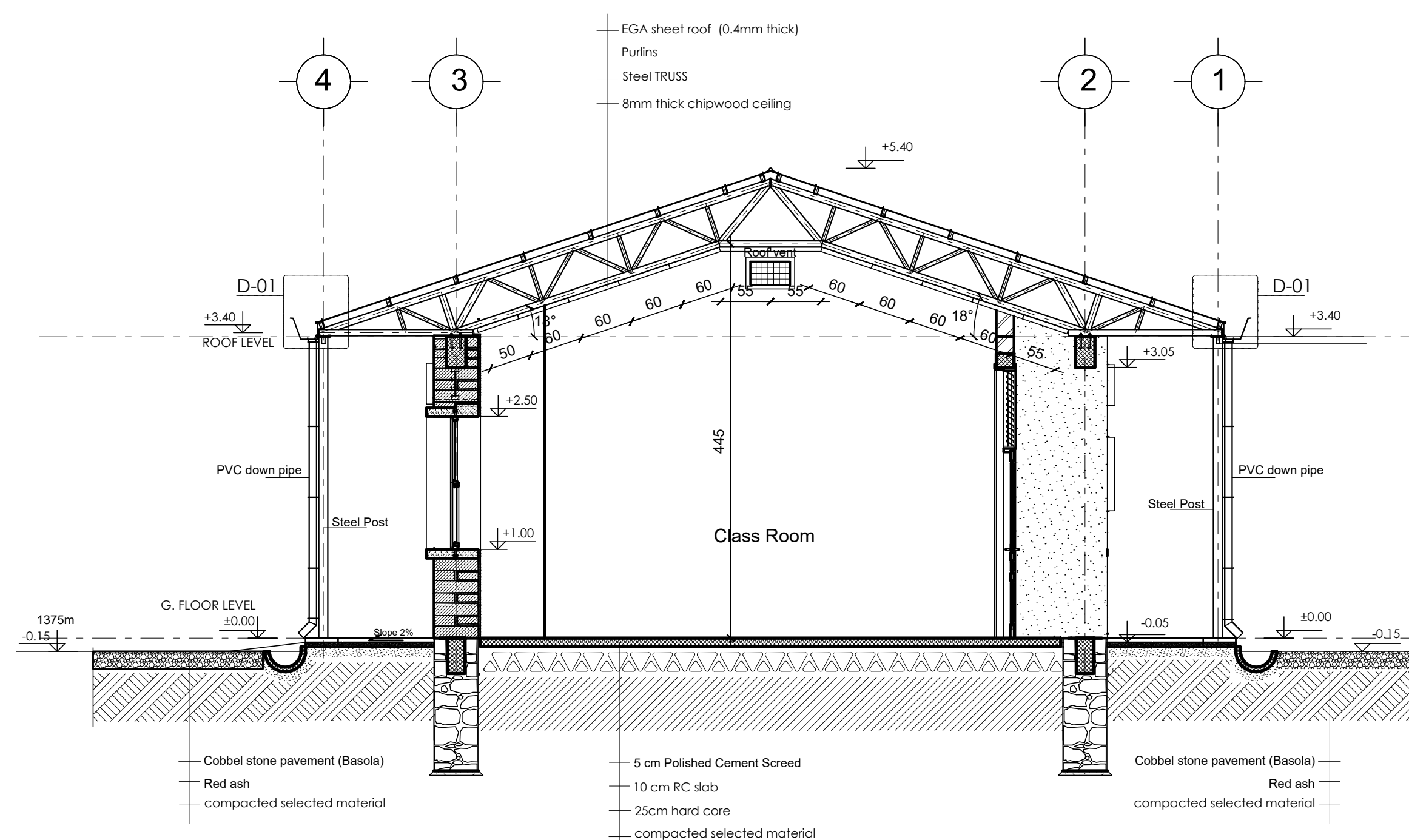




A SINGLE CLASS ROOM LAYOUT



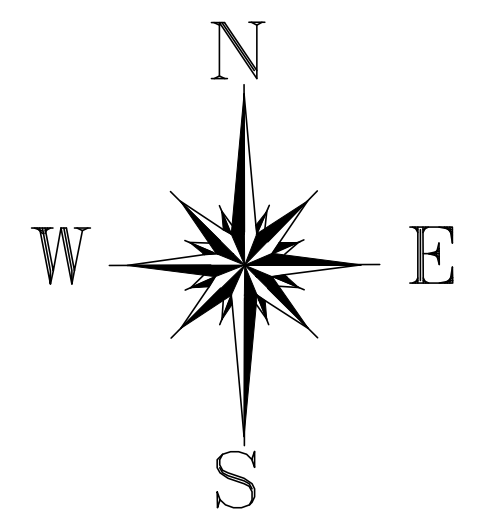
Section X-X  
Sc. 1:50



Section Y-Y  
Sc. 1:50

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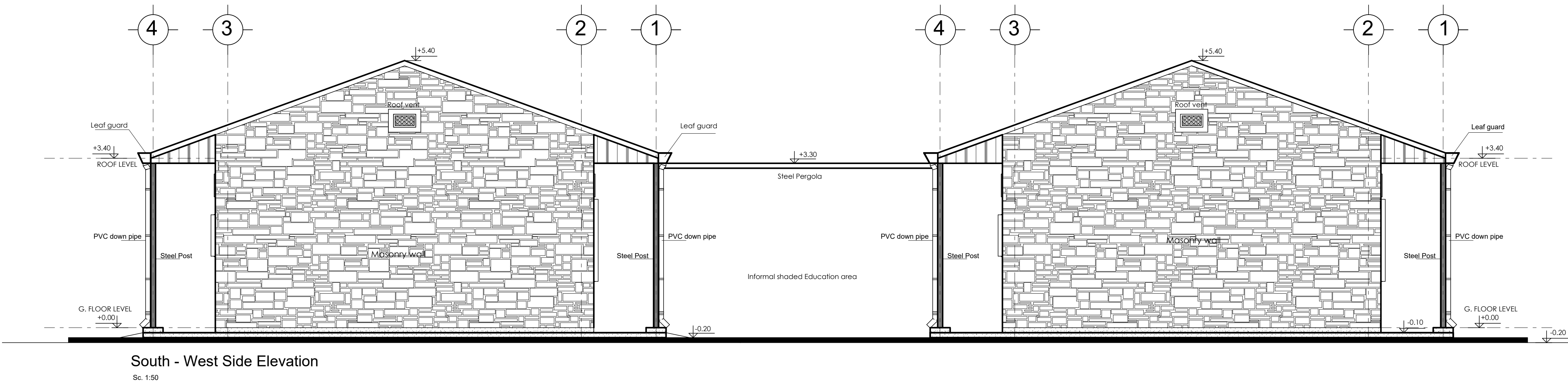
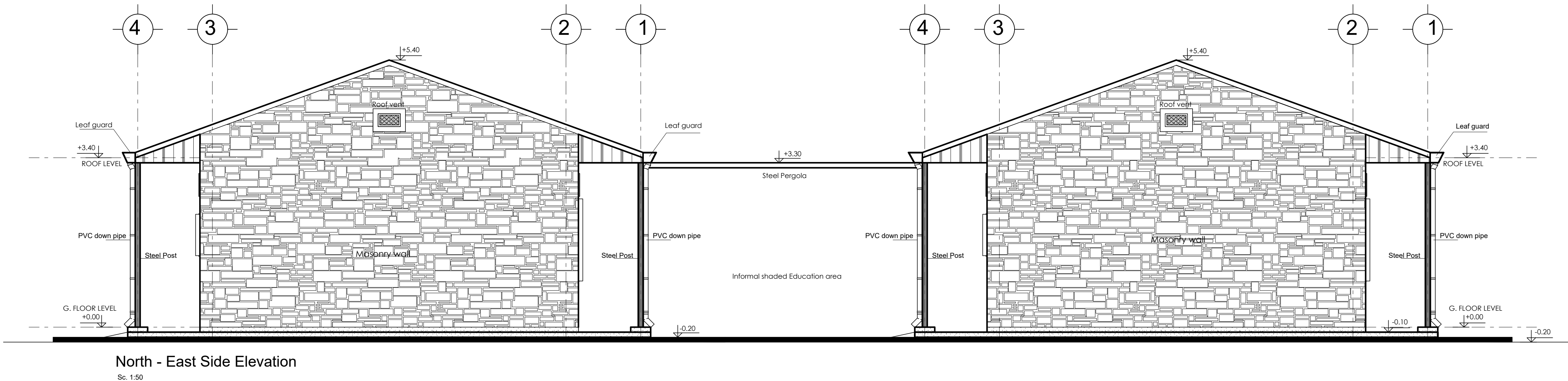
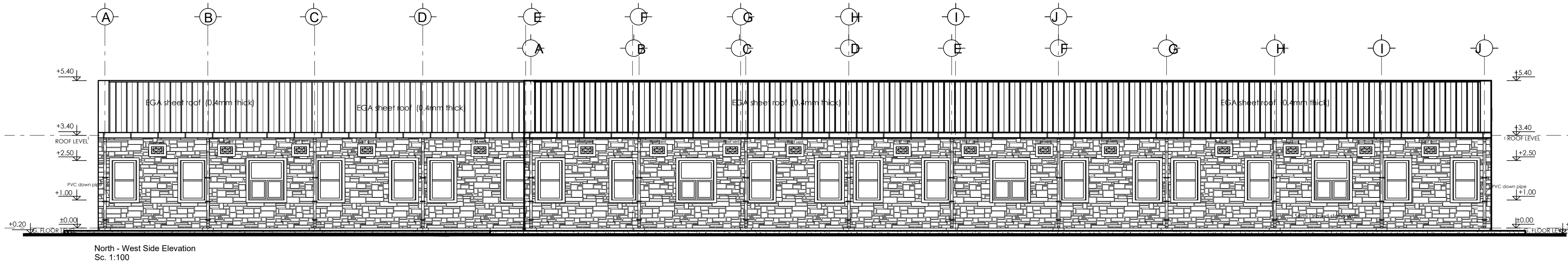
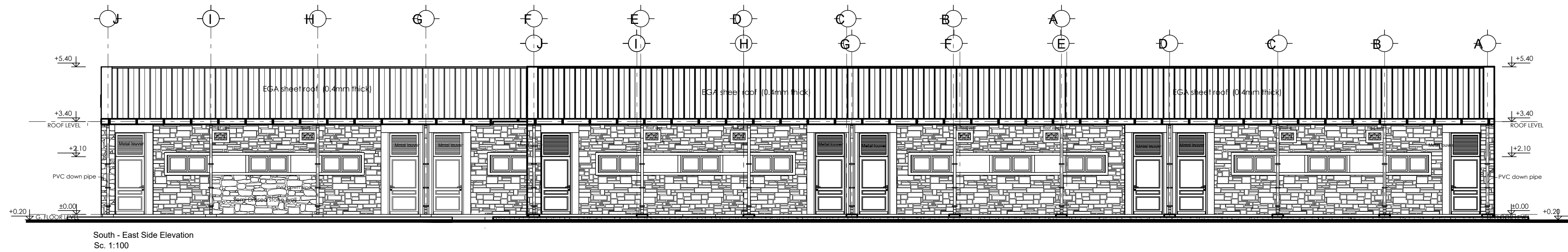
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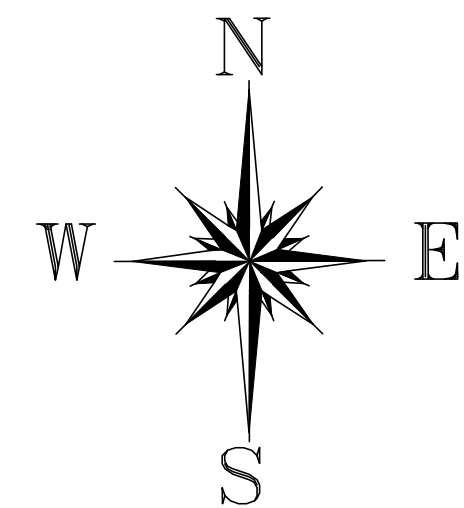


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Classroom Building Floor Plan and Section Plan				
Designed by:	Discipline:	Dr. No:	Tot. No:	Rev No:
RH	AR	06	10	R0
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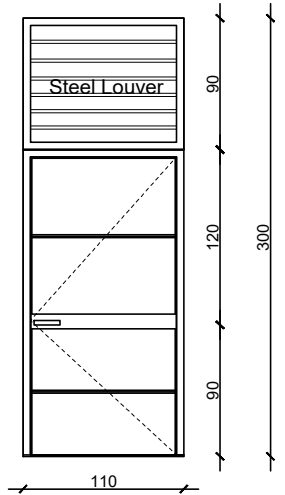
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Funded By:		Partner:	
World Bank		FDRE - Ministry of Finance	
Program:		Implemented By:	
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Project Name:		Design:	
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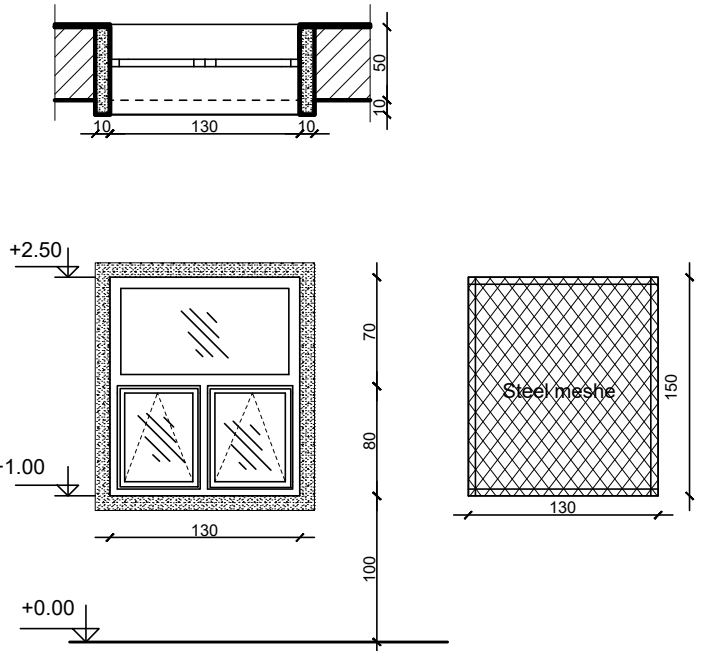
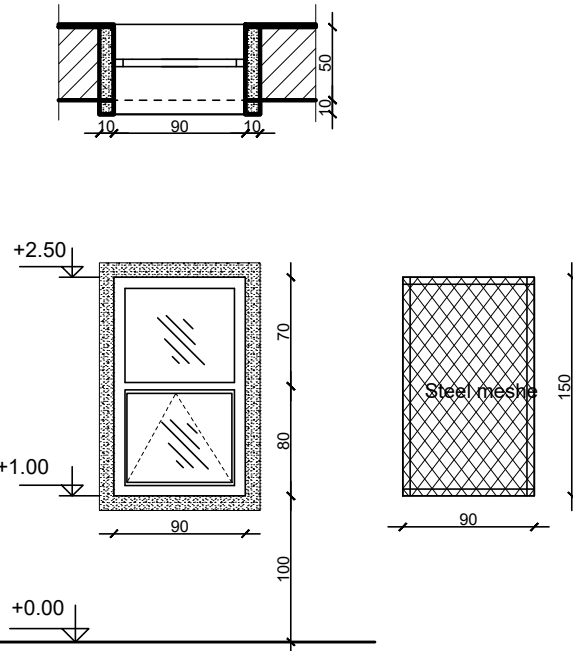
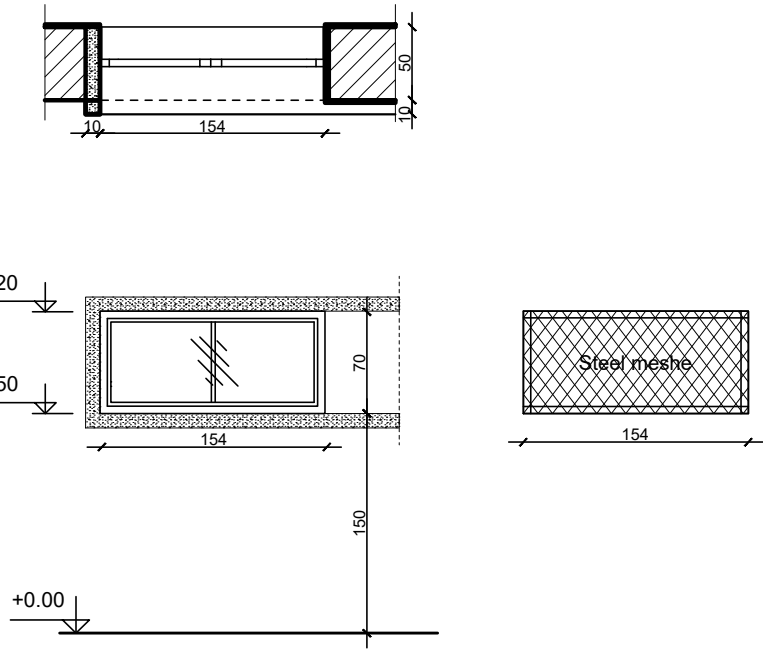
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RH	AR	07	10	R0
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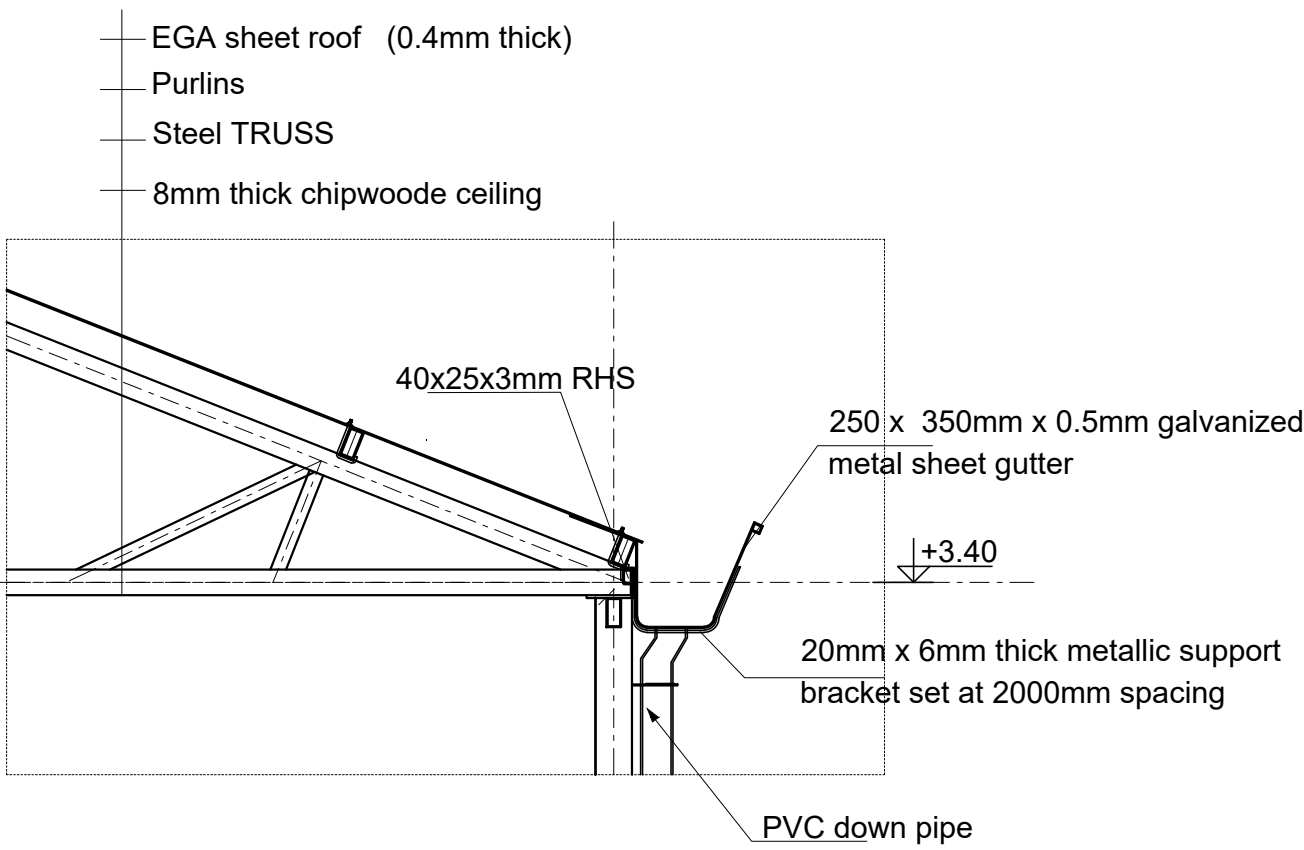
DOOR SCHEDULE

Door Name	D1
Quantity	12
Frame material	RHS steel frame 38mm x 38mm 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 25X25X2 mm vertical steel bars at equal intervals welded to frames on the interior side
Ironmongery	stainless steel pull-push bar handle
Louvers	0.5mm thick steel louvers at top welded to frames. Louvers to be covered with approved mosquito net.
	

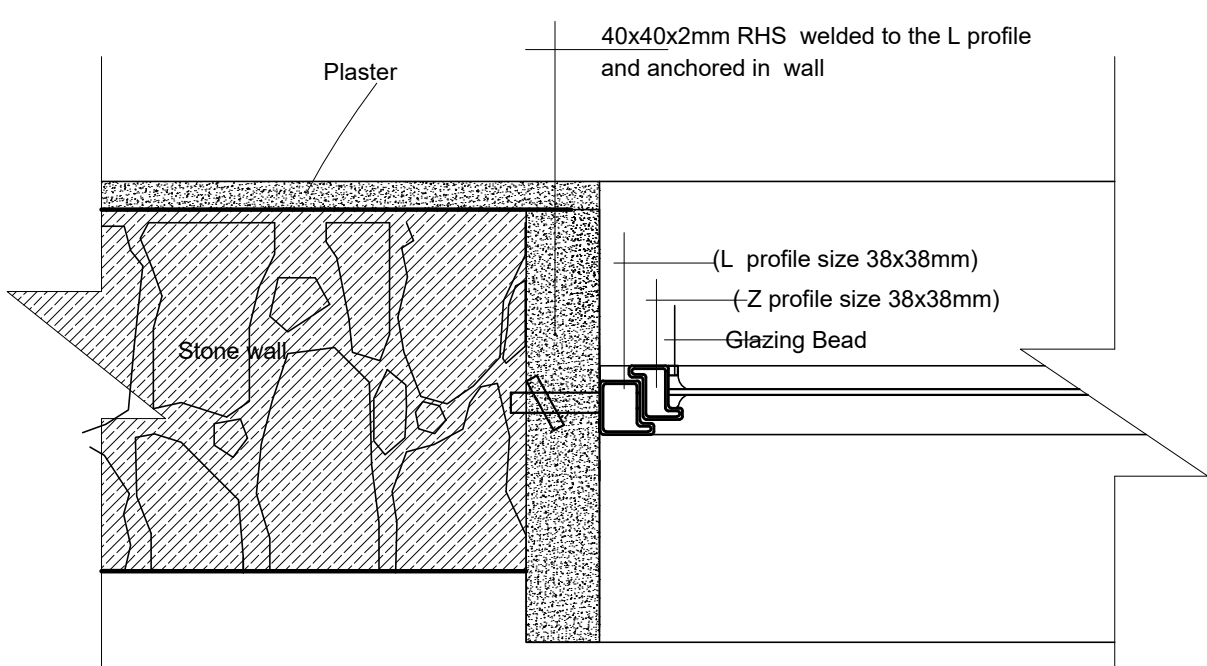
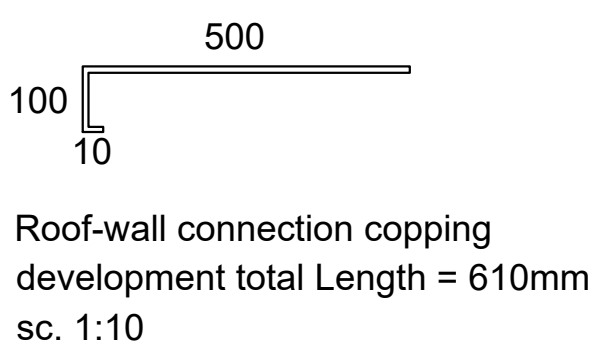
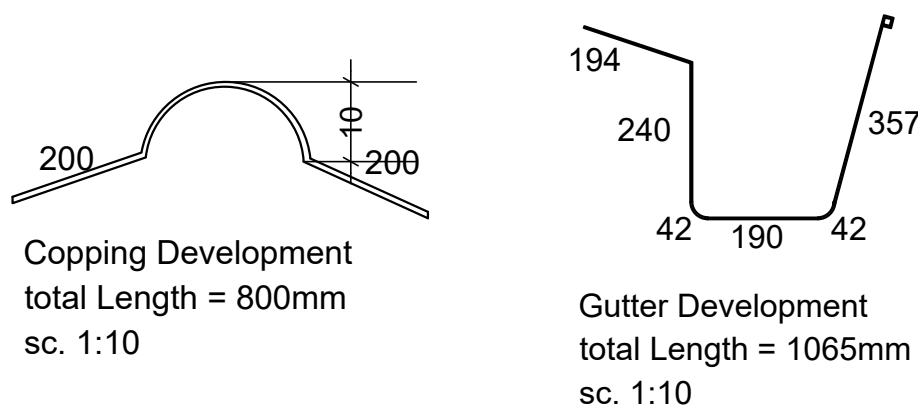
WINDOW SCHEDULE

Window Name	W1	W2	W3
Quantity	6	24	18
Frame material	RHS steel frame 38mm x 38mm x 2mm	RHS steel frame 38mm x 38mm x 2mm	RHS steel frame 38mm x 38mm 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
Glazing	5mm thick clear glass	5mm thick clear glass	5mm thick clear glass
Burglar Proofing	RHS 10X10X2 mm steel bars welded to frames on the interior side. Steel mesh	RHS 10X10X2 mm steel bars welded to frames on the interior side. Steel mesh	RHS 10X10X2 mm steel bars welded to frames on the interior side. Steel mesh
			

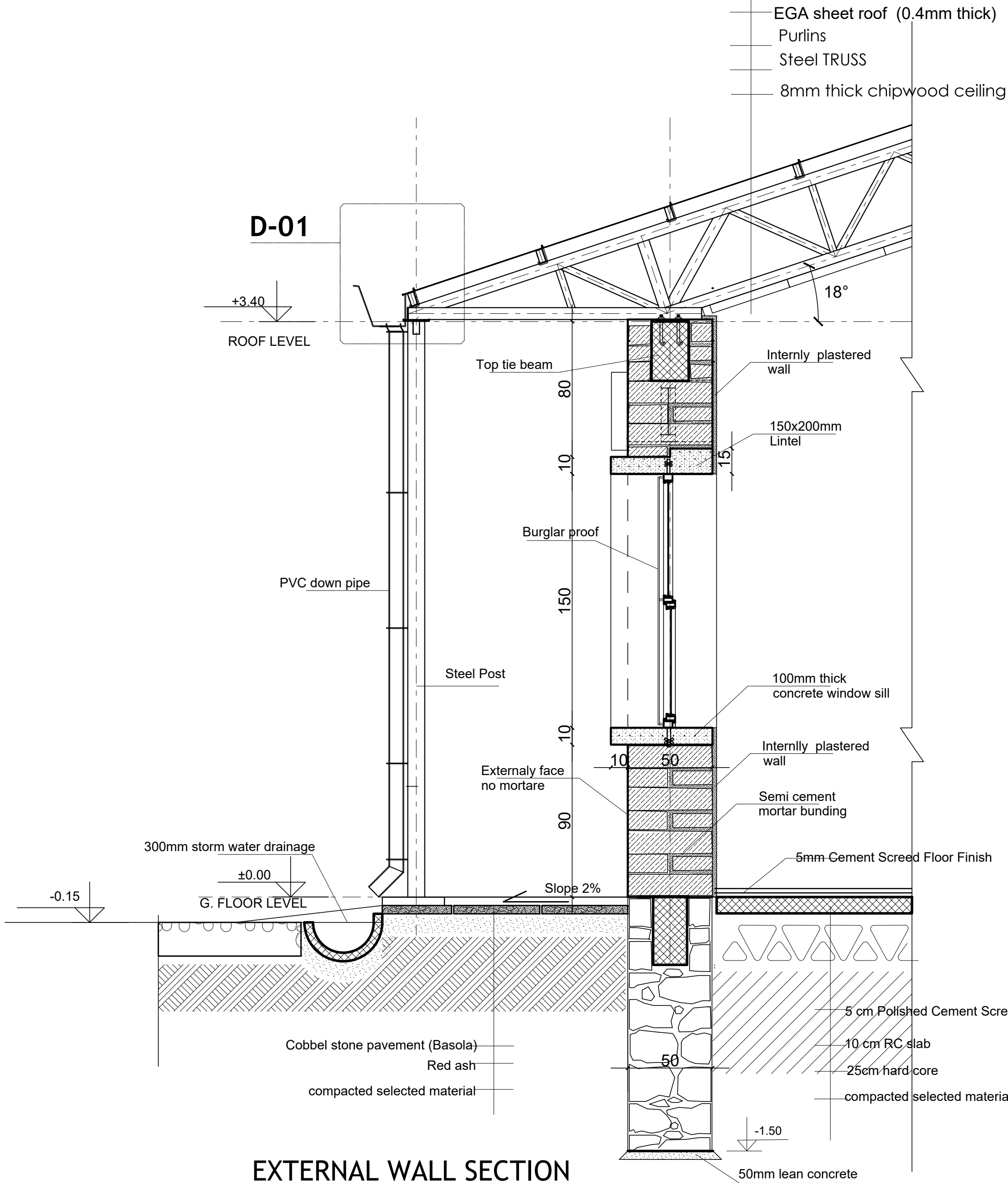
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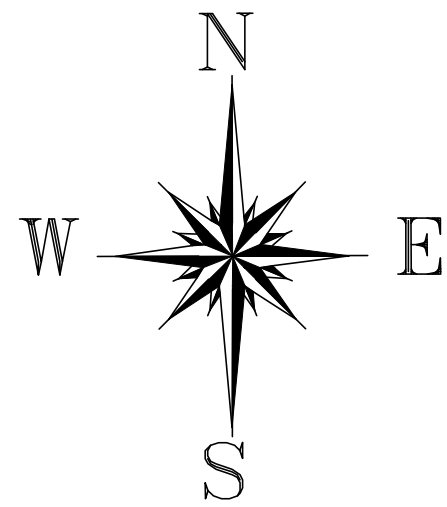
ROOF DETAIL: D-01  
Sc. 1:20



TYPICAL DOOR WINDOW  
FIXING DETAIL



EXTERNAL WALL SECTION  
Scale 1:20



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World Bank FDRE - Ministry of Finance

Program: Implemented By:

Response -Recovery-Resilience for conflict affected communities in Ethiopia FDRE - Ministry of Finance UNOPS - ETMCO

Project Name: Design:

SERENGA PRIMARY SCHOOL UNOPS-ETMCO

Drawing Title: Classroom Building Window door Schedule and Details

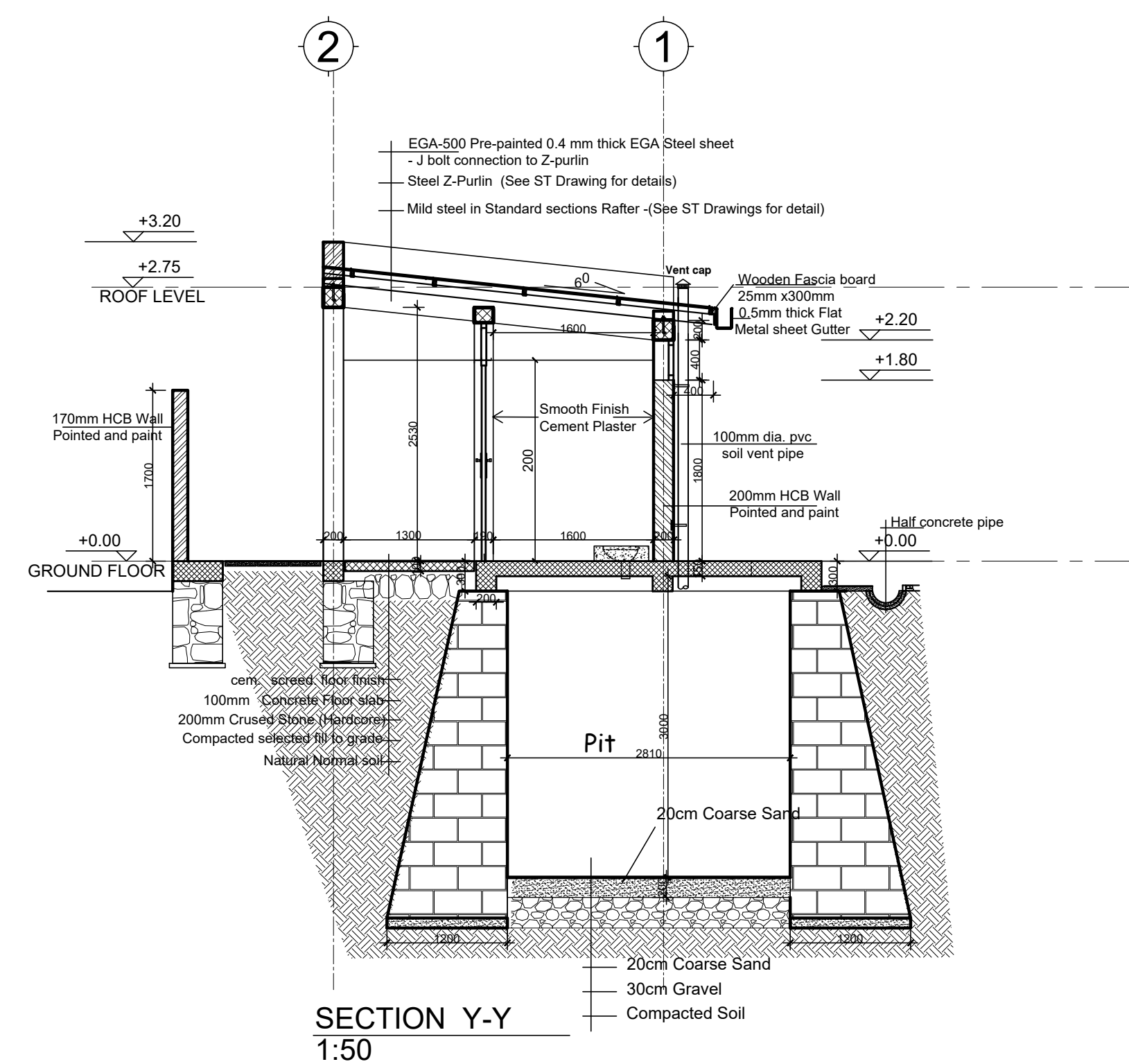
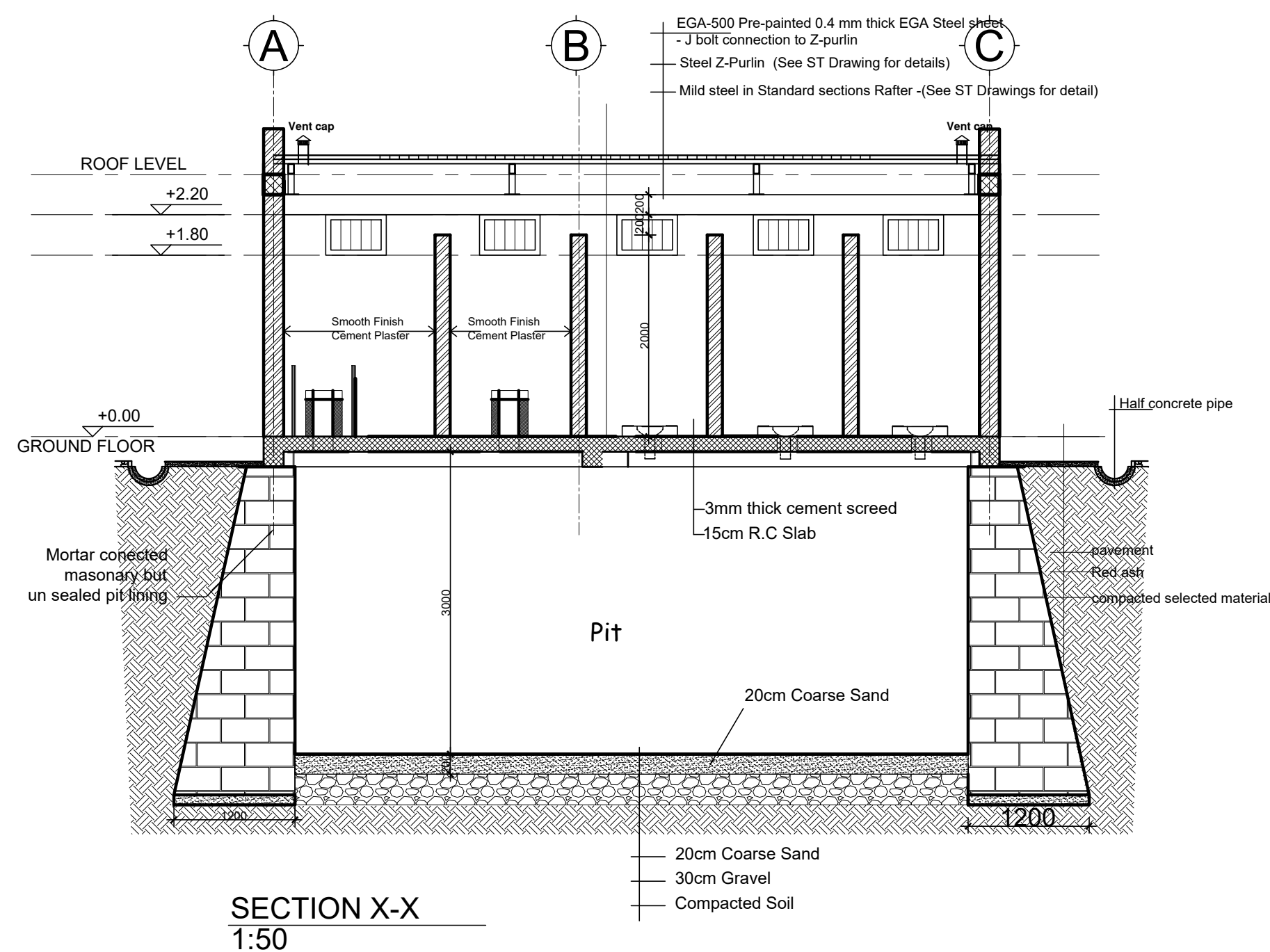
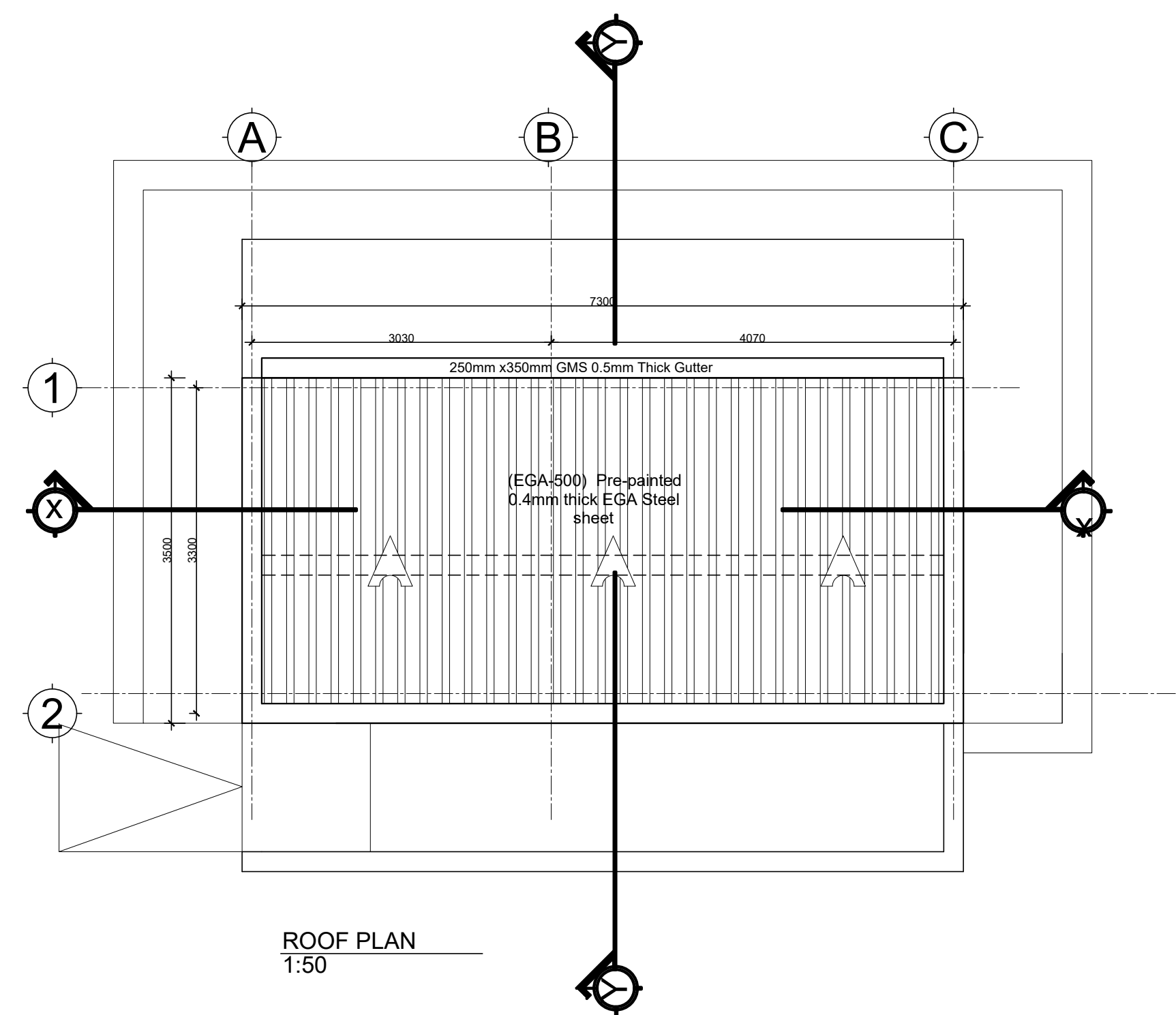
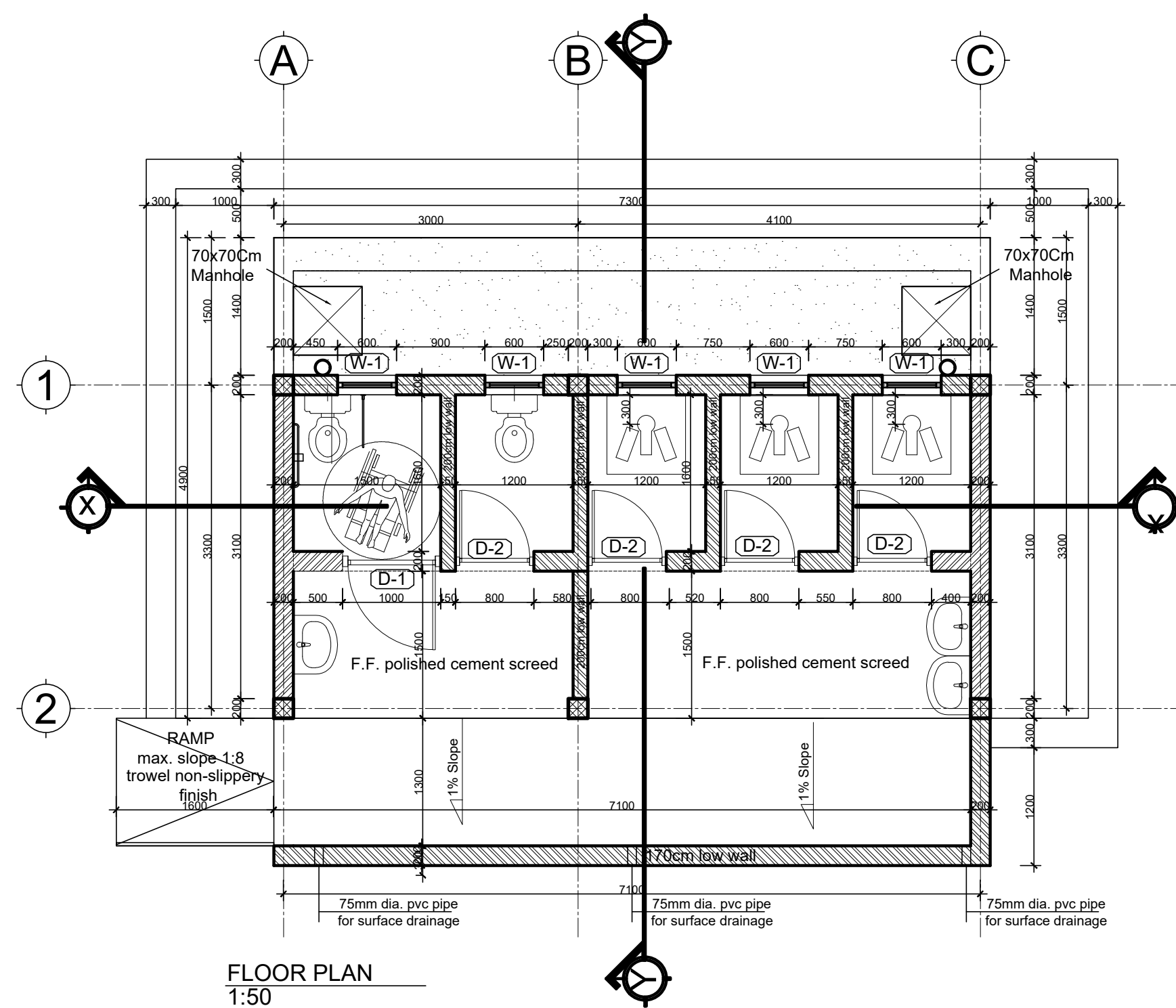
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RH AR 08 10 R0

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GENERAL NOTES:

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## KEY PLAN

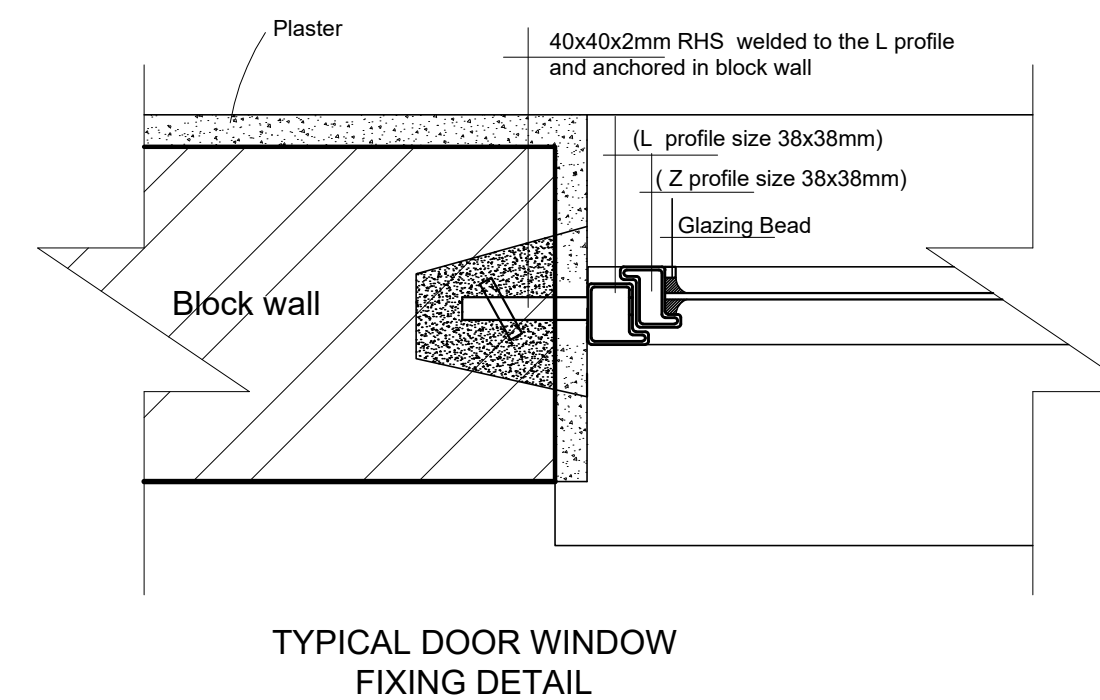
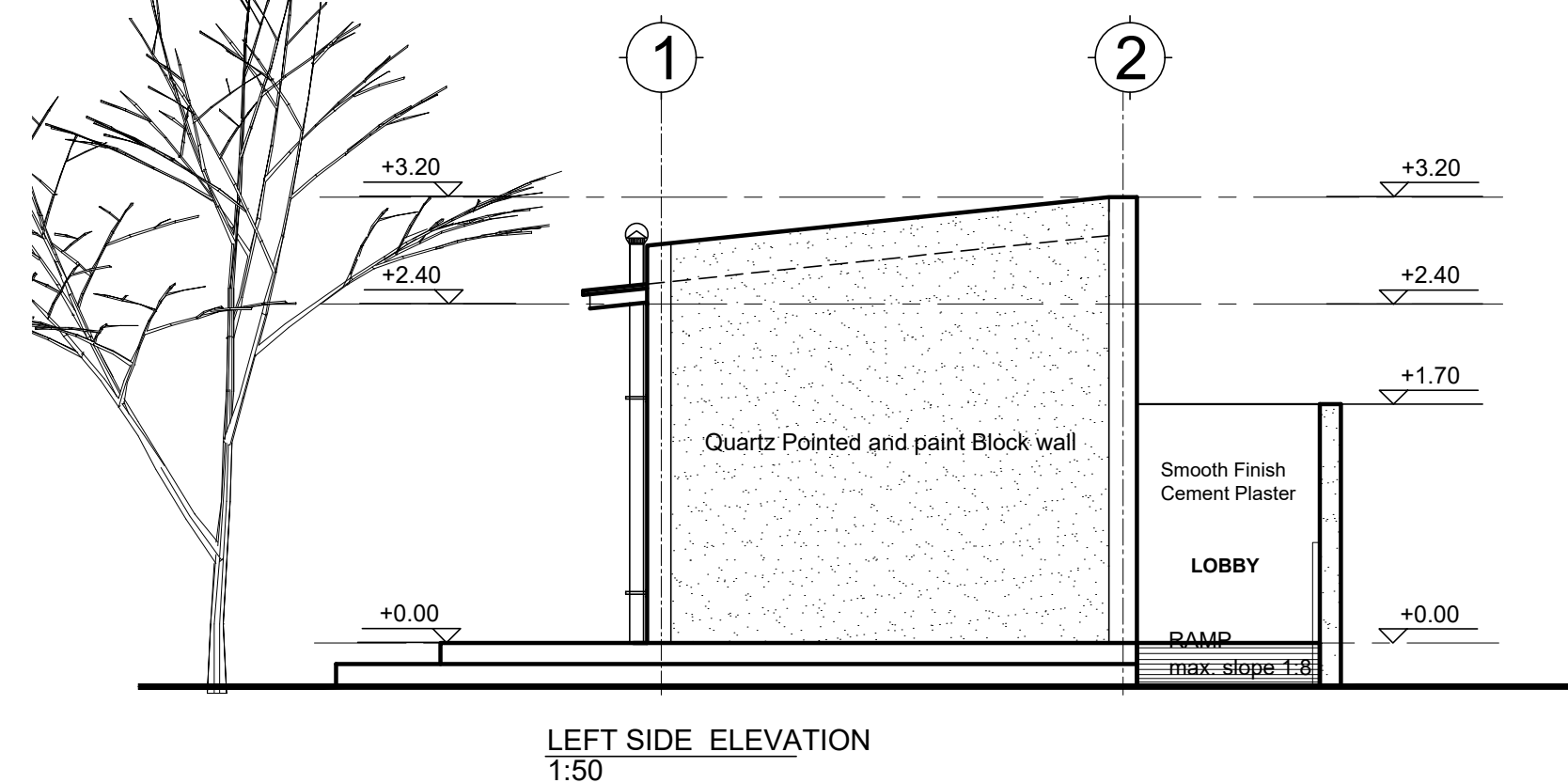
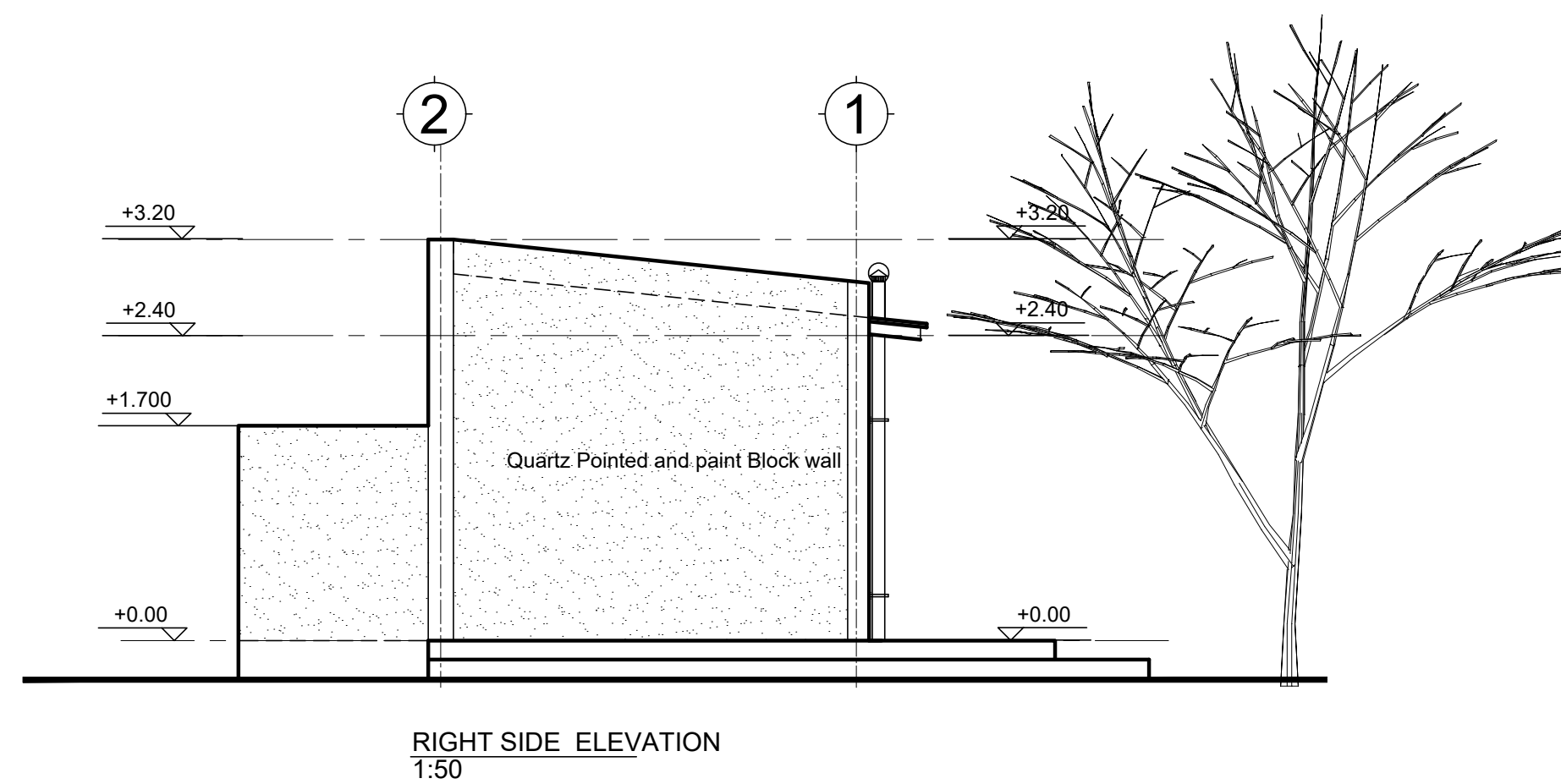
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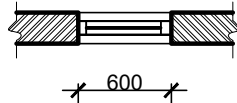
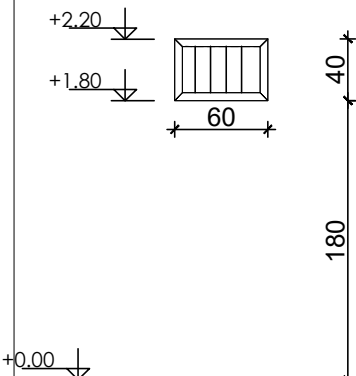
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Program:	Implemented by:
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Project Name:	Design:
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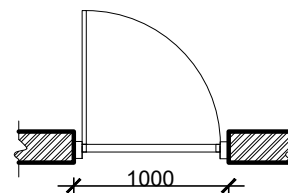
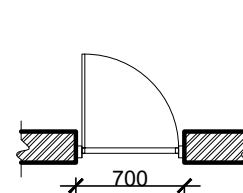
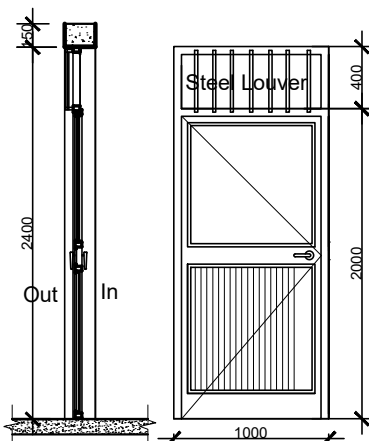
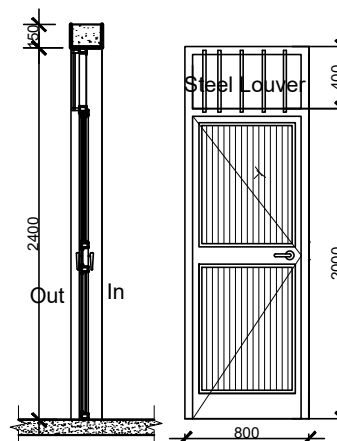
## TOILET FLOOR PLAN & SECTIONS

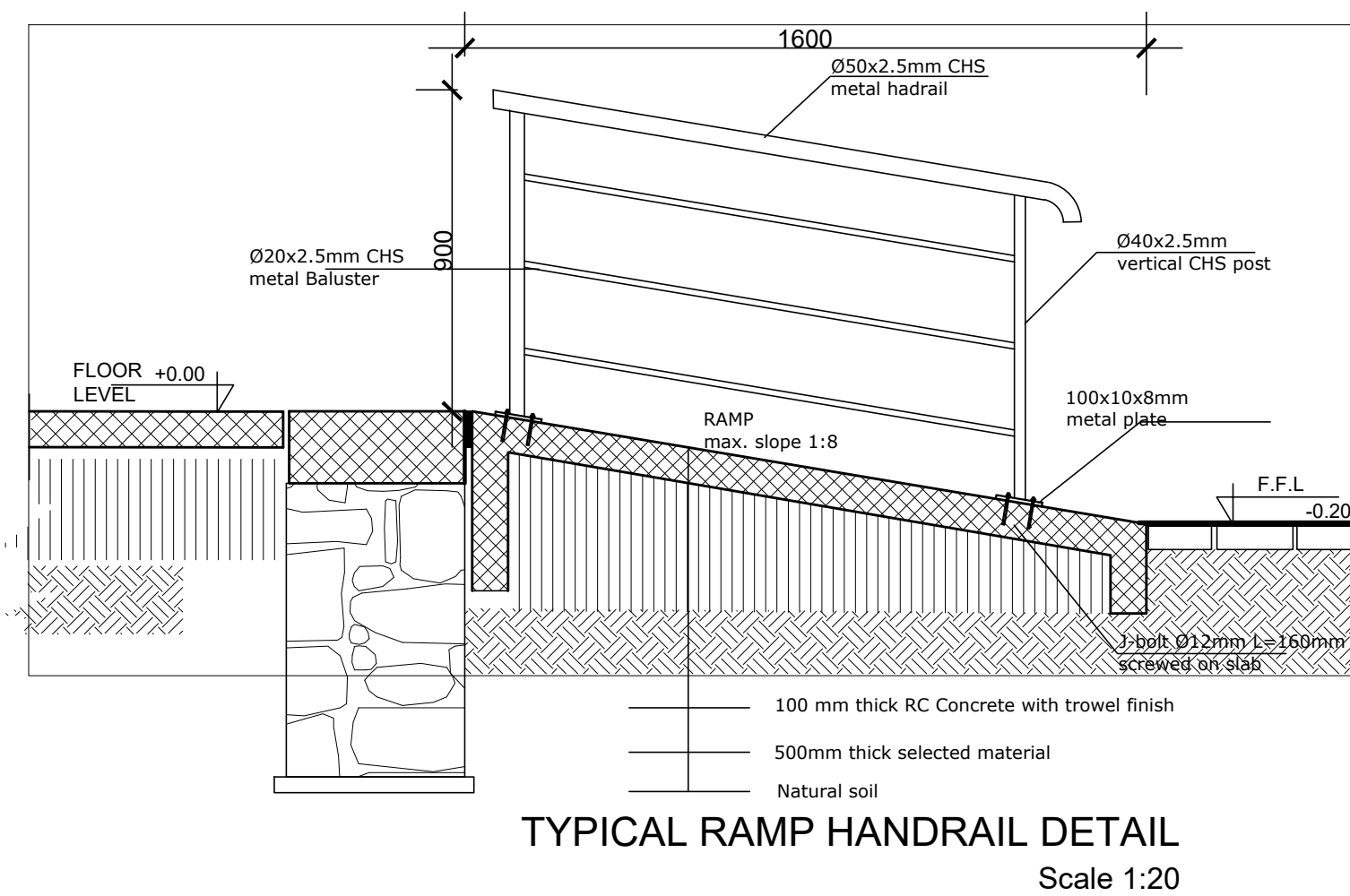
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RH			AR		09	10	R0	
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PLAN			
SECTION and ELEVATION			
Designation	W-1		
Location			
Opening Size	600mm X 400mm		
Quantity (pcs)	LH		5-Pieces
	RH		
Frame material	LTZ steel frame 40mm x 40mm x 2mm		
Frame finish	Painted with 2 coats of anti-rust paint & one coat of enamel paint		
Louwer	RHS 25 X 25 X 2 mm steel louvers welded to RHS frame		

PLAN								
SECTION and ELEVATION								
Designation	D-1	D-2						
Location								
Opening Size	1000mm x 2400mm	800mm x 2400mm						
Quantity (pcs)	<table><tr><td>LH</td><td rowspan="2">1-Piece</td></tr><tr><td>RH</td></tr></table>	LH	1-Piece	RH	<table><tr><td>LH</td><td rowspan="2">4-Pieces</td></tr><tr><td>RH</td></tr></table>	LH	4-Pieces	RH
LH	1-Piece							
RH								
LH	4-Pieces							
RH								
Frame material	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						
Louver	RHS 25 X 25 X 2 mm steel louvers welded to RHS frame.	RHS 25 X 25 X 2 mm steel louvers welded to RHS frame.						
Ironmongery	stainless steel pull-push bar handle	stainless steel pull-push bar handle						
Door leaf construction	180D opening made of 0.5mm flat metal pane	180D opening made of 0.5mm flat metal pane						



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TOILET										
ELEVATIONS & WINDOW DOOR SCHEDULE										
Designed by:			Discipline:		Dr. No:		Tot. No:		Rev No:	
RH			AR		10		10		R0	
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