



SANITATION FACILITIES- FOUR STANCE VIP LATRINES (MALE) (NORMAL SOIL)

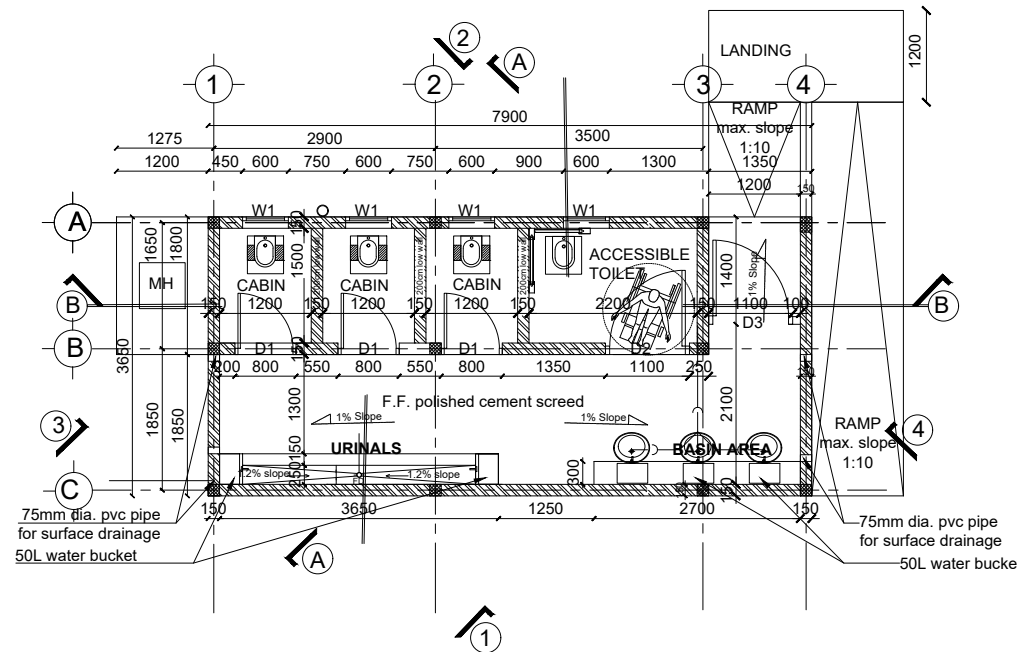
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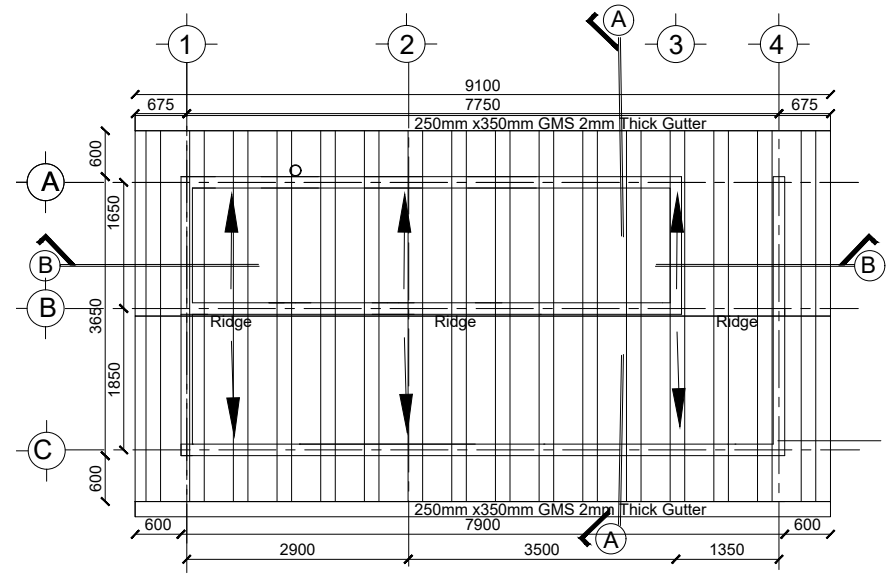
1. All dimensions are in millimeters unless otherwise stated.
2. All dimensions are to be checked and confirmed on site before commencement of any work.
3. Written dimensions override scaled dimensions.
4. Depth of pad foundation 800mm.
5. Depth of strip foundation 600mm.
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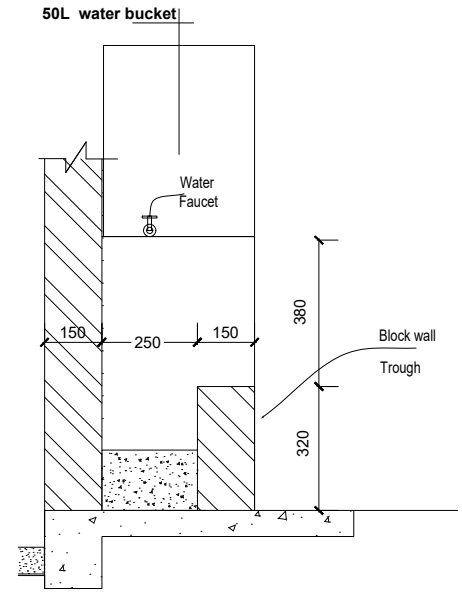
Program	
 Enhancing Community Resilience and Local Governance Project	
Client:	
GOVERNMENT OF SOUTH SUDAN	
Implemented By:	
Project:	
PROPOSED VIP LATRINES (MALE)	
BLOCK OF FOUR STANCE (NORMAL SOIL)	
Drawing Title	
COVER PAGE	
Designed By: H.A	Drawn by: H.A
Checked: F.E & G.O	Approved: ----
Sheet #: 1/6	Scale: AS SPECIFIED
Date: 22 July 2024	Rev: 0



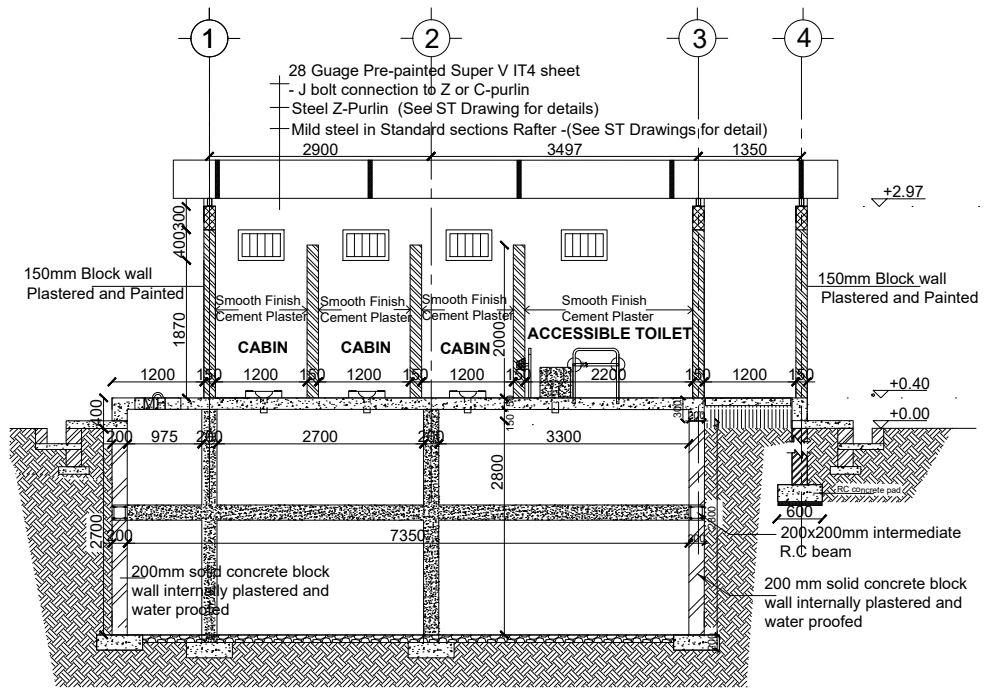
FACILITIES TOILET FLOOR PLAN - (MALE)
Sc. 1:50



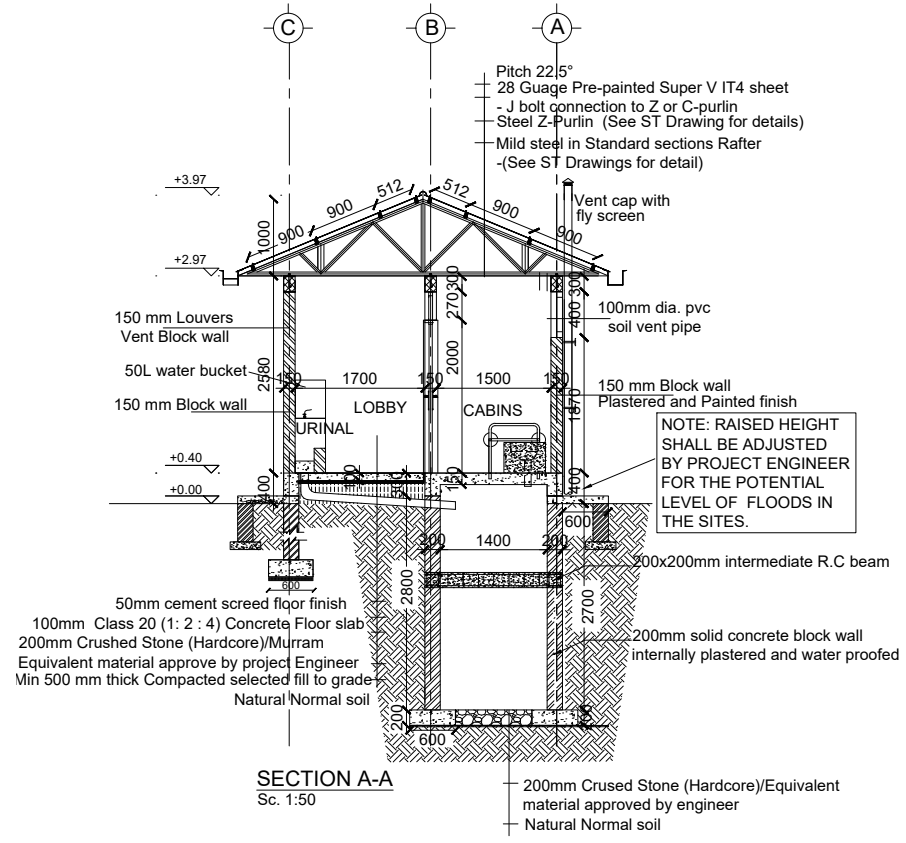
FACILITIES TOILET ROOF PLAN - (MALE)
Sc. 1:50



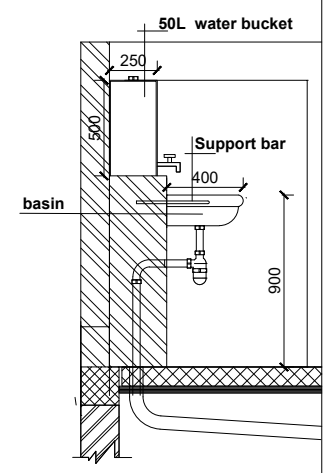
URINAL TROUGH DETAIL
Sc. 1:10



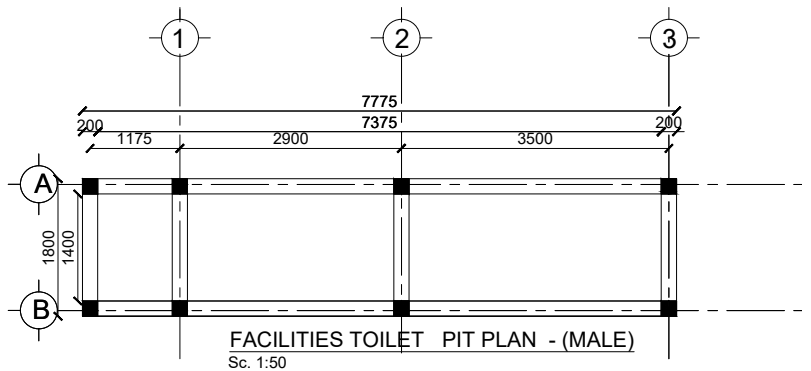
SECTION B-B
Sc. 1:50



SECTION A-A
Sc. 1:50



Hand wash Basin Detail
SCALE -1:20



FACILITIES TOILET PIT PLAN - (MALE)
Sc. 1:50

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Program

Enhancing Community Resilience and Local Governance Project

Client:
GOVERNMENT OF SOUTH SUDAN

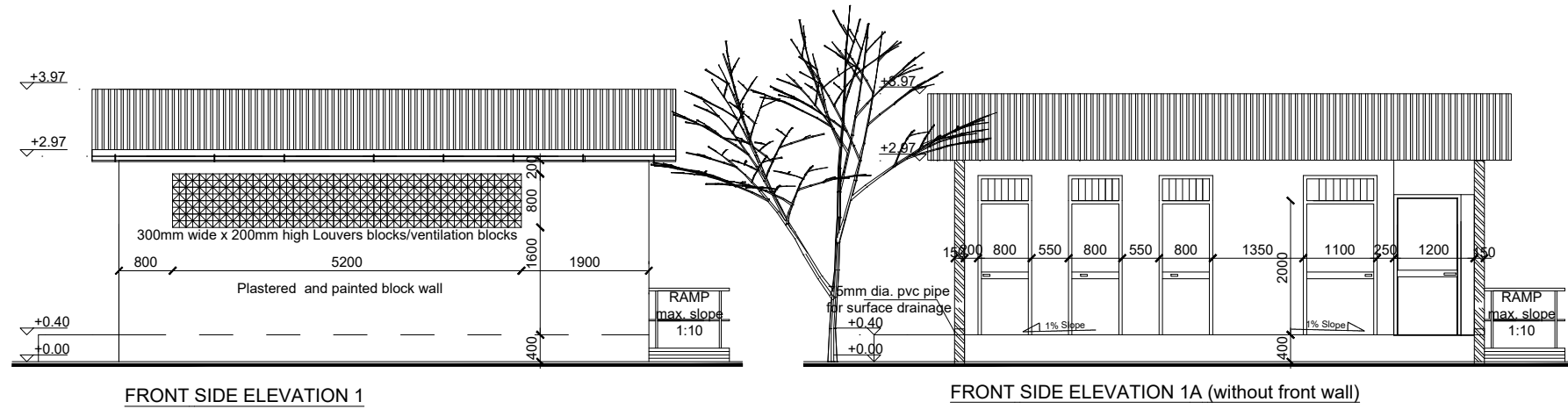
Implemented By:

IOM
UN MIGRATION

Project:
PROPOSED VIP LATRINES (MALE)
A BLOCK OF FOUR STANCE (NORMAL SOIL)

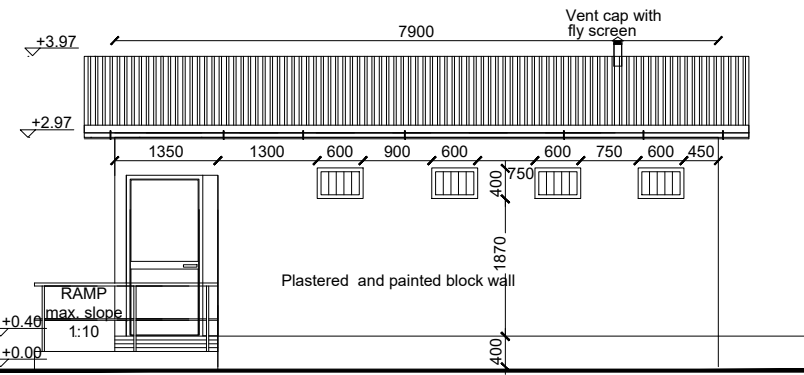
Drawing Title
FLOOR PLAN, ROOF PLAN, SECTIONS

Designed By: H.A	Drawn by: H.A
Checked: F.E & G.O	Approved: ----
Sheet #: 2/6	Scale: AS SPECIFIED
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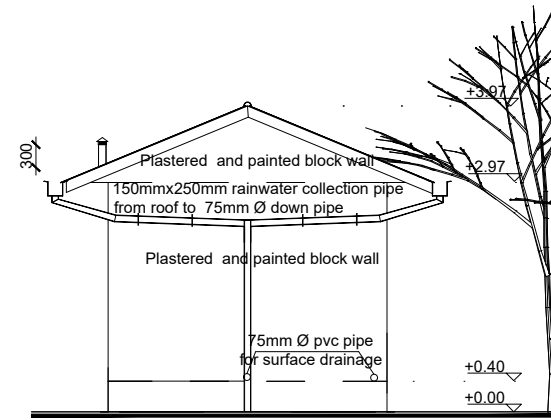


FRONT SIDE ELEVATION 1

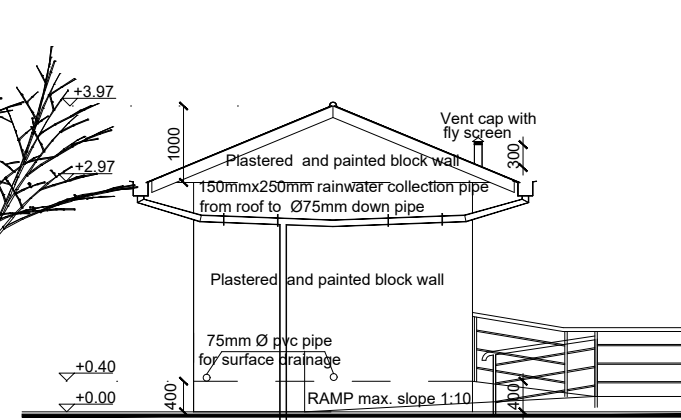
FRONT SIDE ELEVATION 1A (without front wall)



REAR ELEVATION 2



SIDE ELEVATION 3



SIDE ELEVATION 4

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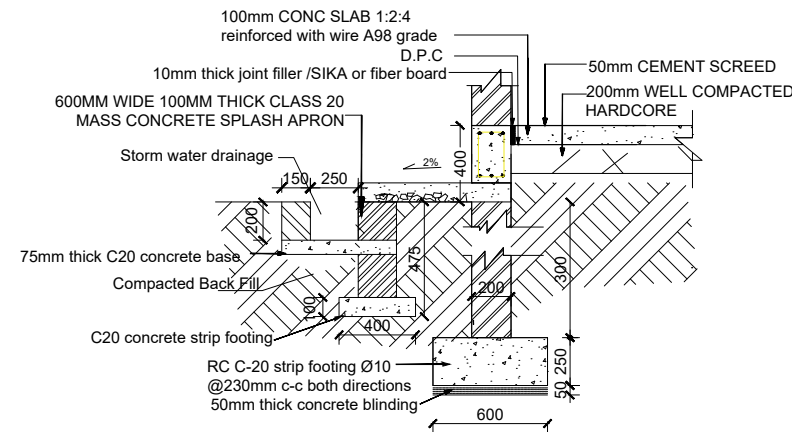
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DOOR SCHEDULE

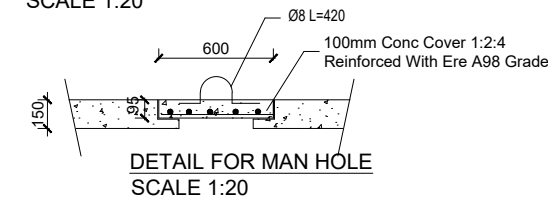
Door Name	D1	D2	D3
Quantity	3	1	1
Frame material	RHS steel frame 40mm x 40mm x 2mm	RHS steel frame 40mm x 40mm x 2mm	RHS steel frame 40mm x 40mm x 2mm
Frame finish	Painted with 2 coats of antirust paint & 2 coats of enamel paint	Painted with 2 coats of antirust paint & 2 coats of enamel paint	Painted with 2 coats of antirust paint & 2 coats of enamel paint
Door leaf construction	90D opening made of 1.5mm flat metal pane	90D opening made of 1.5mm flat metal pane	90D opening made of 1.5mm 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.	0.5mm thick steel louvers welded at top to the frame.	

WINDOW SCHEDULE

Window Name	W1
Quantity	4
Frame material	RHS steel frame 40mm x 40mm x 2mm
Frame finish	Painted with 2 coats of antirust paint & 2 coats of enamel paint
Burglar proofing	
Louvers	Steel Louver



FOUNDATION DETAIL (SCALE 1:20)
SCALE 1:20



DETAIL FOR MAN HOLE
SCALE 1:20

Program

Enhancing Community Resilience and Local Governance Project

Client:

GOVERNMENT OF SOUTH SUDAN

Implemented By:

IOM
UN MIGRATION

Project:

PROPOSED VIP LATRINES (MALE)
A BLOCK OF FOUR STANCE (NORMAL SOIL)

Drawing Title

ELEVATIONS AND DETAILS

Designed By: H.A	Drawn by: H.A
Checked: F.E & G.O	Approved: ----
Sheet #: 3/6	Scale: AS SPECIFIED
Date: 22 July 2024	Rev: 0

STRUCTURAL NOTES:

- I) Building shall be founded on load bearing stone masonry wall having a depth of 600mm and pad foundation footing of 800mm from the natural ground level with bottom of excavation compacted prior to laying the foundation wall.
- II) Stone masonry foundation shall be placed on the natural normal soil and achieve a minimum bearing capacity of 150 KN/m²
- III) Foundation trench excavation to be approved by the Engineer prior to the construction of the stone masonry foundation.

IV) Material Specification

A) Grade of Structural Concrete

C-25 (Cube characteristics strength of 25 MPa mix ratio 1:1.5:3) for columns and beams;

C-20 (Cube characteristics strength of 20 MPa mix ratio 1:2:4) for floor slab)

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 = 375 Mpa

Yield Strength = 275 Mpa

D) Grade of Bolts

Grade 4.6: Yield Strength = 240 Mpa

Tensile Strength = 400 Mpa

V) Durability Requirements

❖ Concrete Cover to Reinforcement

- Floor slabs: 25mm.
- Beams: 25mm
- Columns: 25mm
- All foundation (below the ground level): 50mm

❖ Protection of steel work

- Surface preparation by blast cleaning, pickling process or where approved by wire brushing
- Application of one coat of an approved pre-fabrication primer e.g. Zinc chromate
- Two coats of an approved paint system to be proposed by Architect, one applied at shop and the other on site after erection.

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Program



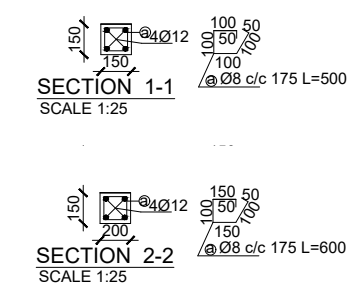
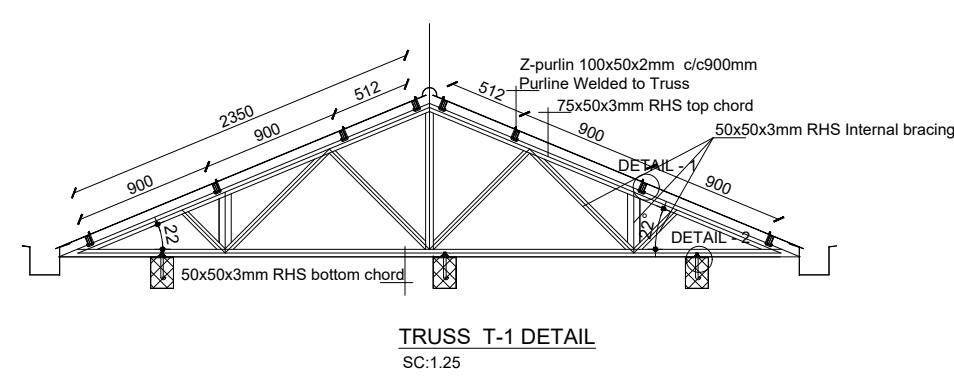
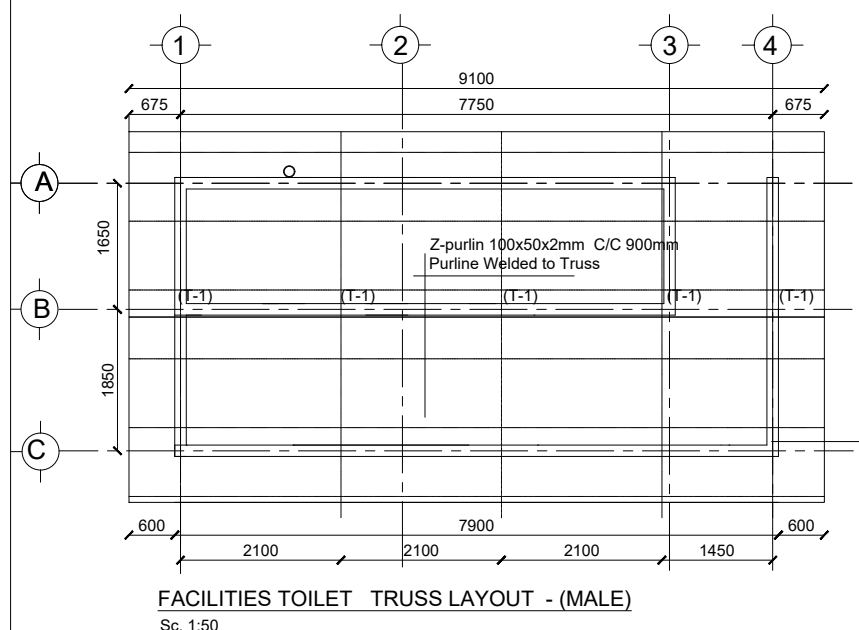
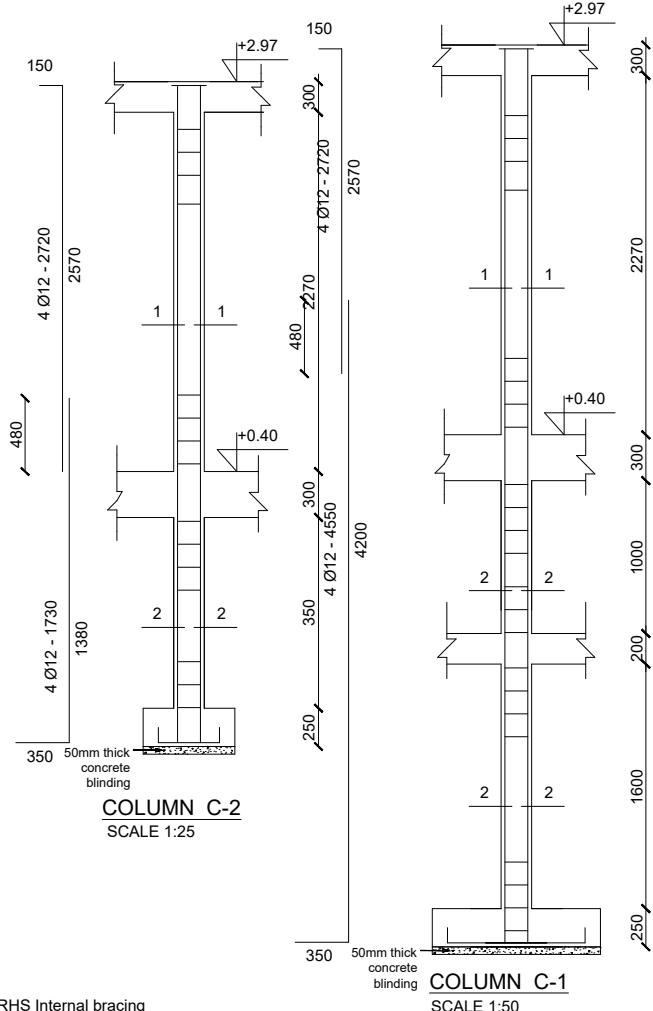
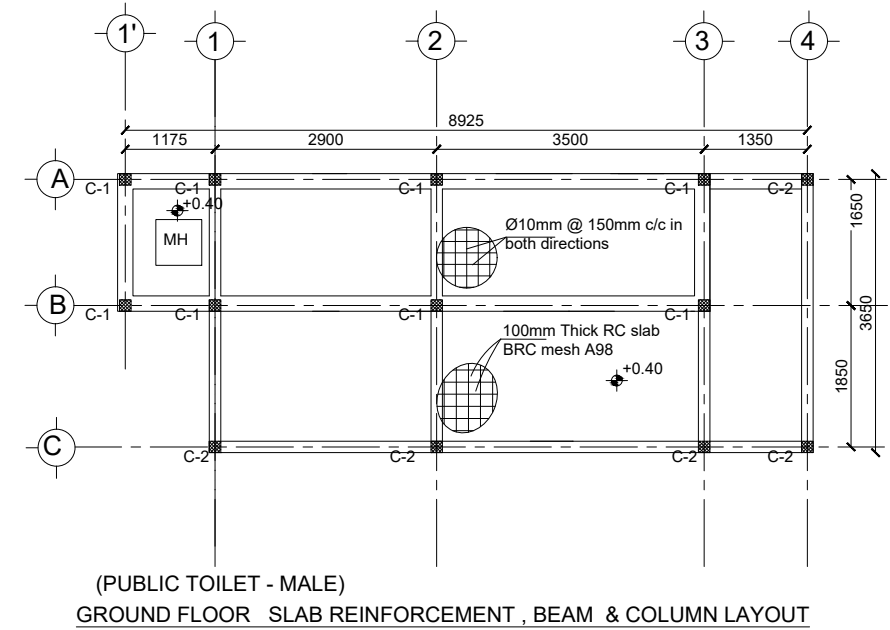
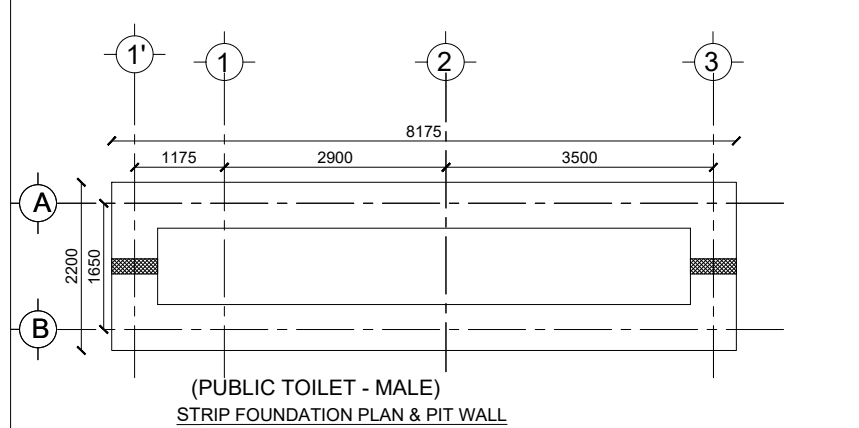
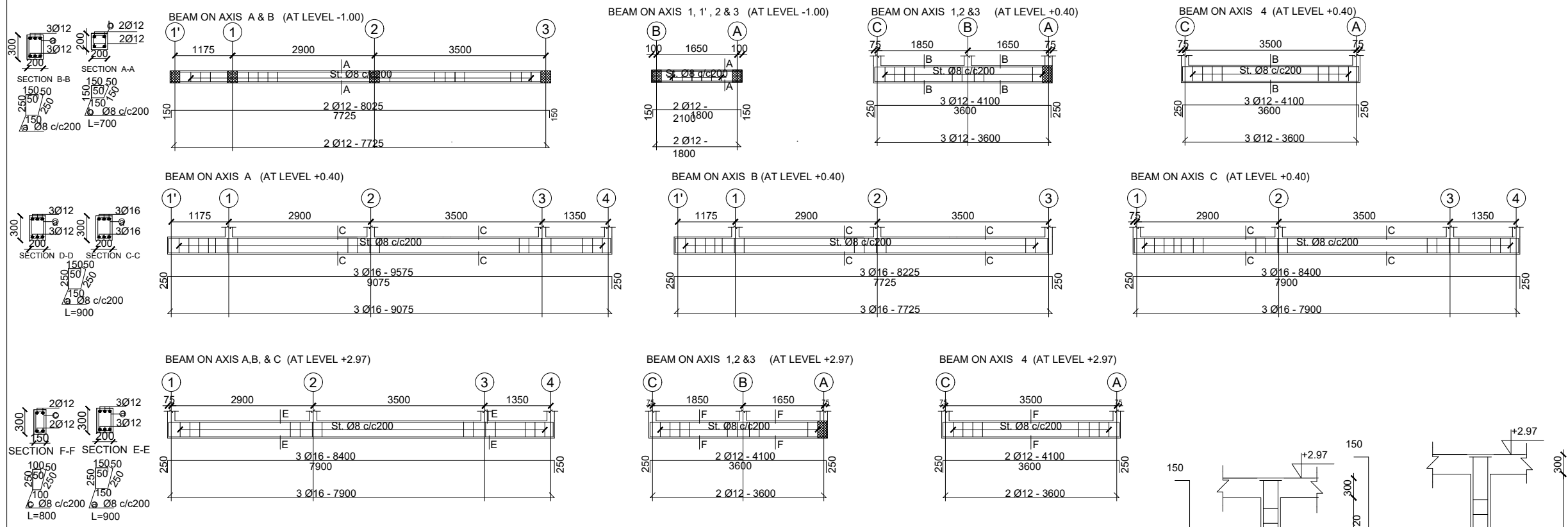
Client:
GOVERNMENT OF SOUTH SUDAN

Implemented By: 

Project:
PROPOSED VIP LATRINES (MALE)
A BLOCK OF FOUR STANCE (NORMAL SOIL)

Drawing Title

STRUCTURAL NOTES	
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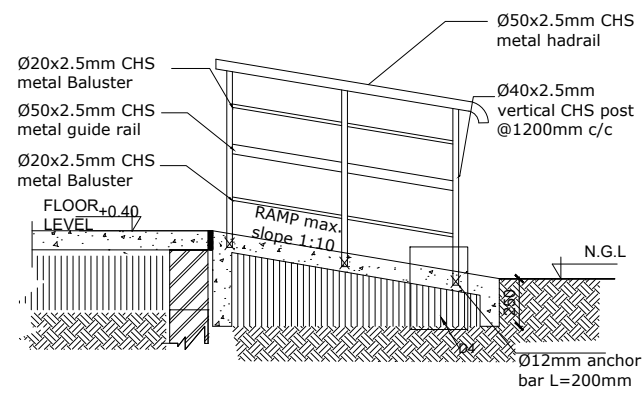


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PROPOSED VIP LATRINES (MALE)
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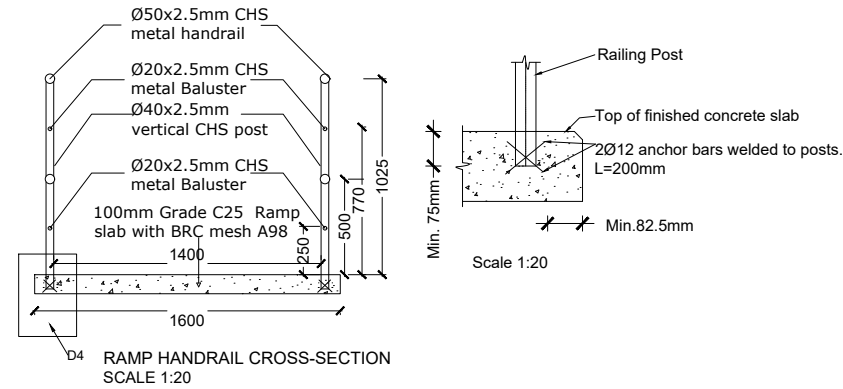
Drawing Title

STRUCTURAL DETAILS

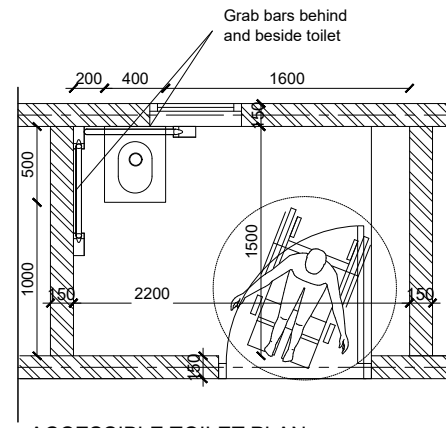
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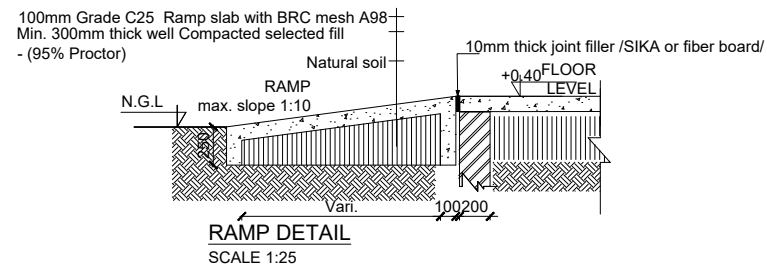
TYPICAL RAMP HANDRAIL DETAIL
SCALE 1:20



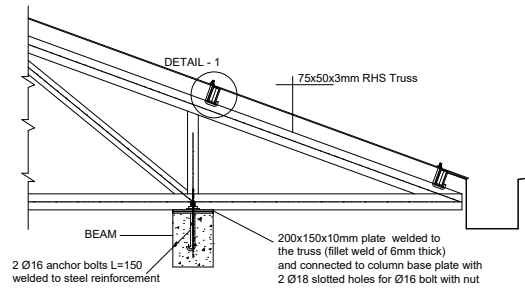
RAMP HANDRAIL CROSS-SECTION
SCALE 1:20



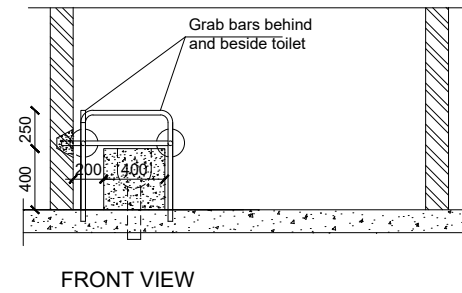
ACCESSIBLE TOILET PLAN



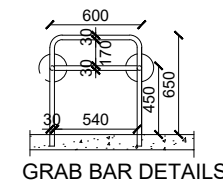
RAMP DETAIL
SCALE 1:25



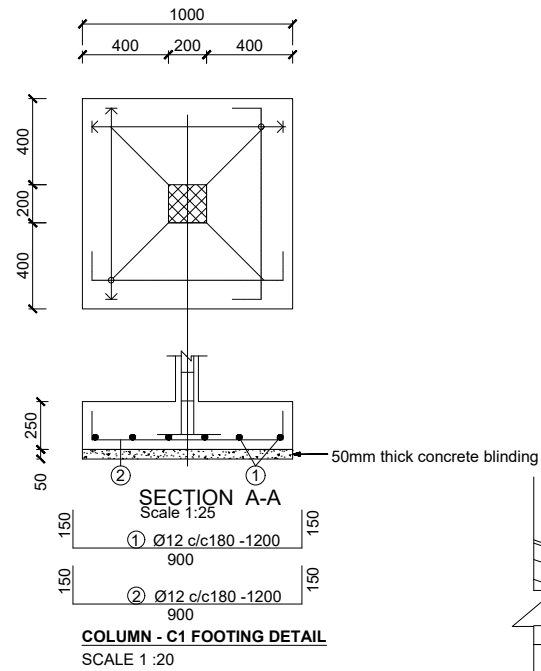
DETAIL - 1



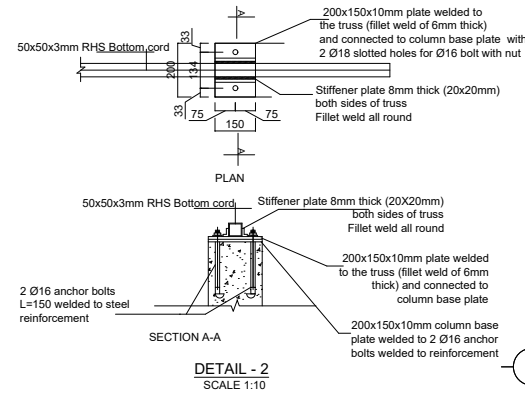
FRONT VIEW



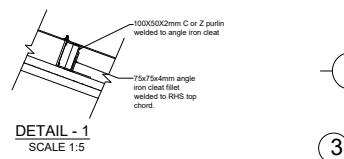
GRAB BAR DETAILS



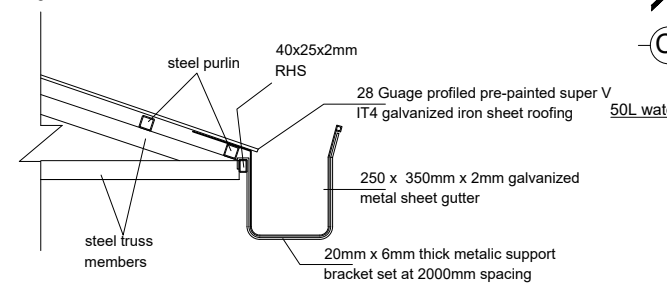
COLUMN - C1 FOOTING DETAIL
SCALE 1:20



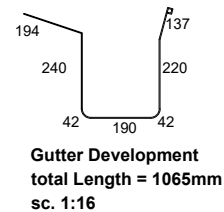
DETAIL - 2
SCALE 1:10



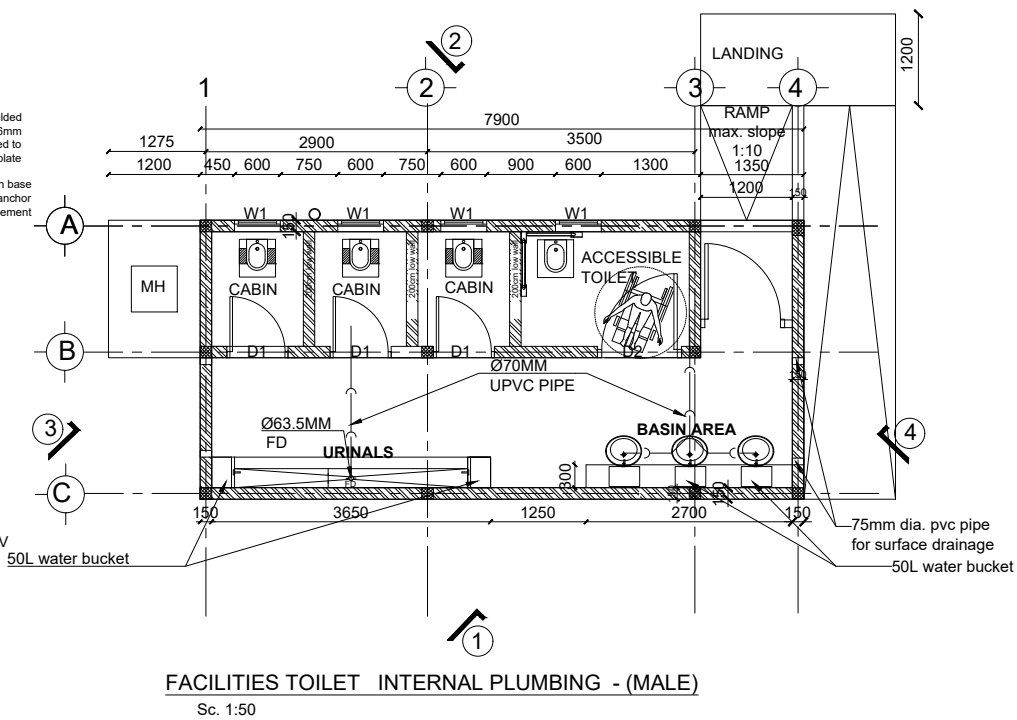
DETAIL - 1
SCALE 1:5



Detail 01: Overhung Gutter Detail
sc. 1:16



Gutter Development
total Length = 1065mm
sc. 1:16



FACILITIES TOILET INTERNAL PLUMBING - (MALE)
Sc. 1:50

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Program

Enhancing Community Resilience and Local Governance Project

Client:

GOVERNMENT OF SOUTH SUDAN

Implemented By:

IOM
UN MIGRATION

Project:

PROPOSED VIP LATRINES (MALE)
A BLOCK OF FOUR STANCE (NORMAL SOIL)

Drawing Title

STRUCTURAL DETAILS

Designed By: H.A	Drawn by: H.A
Checked: F.E & G.O	Approved: ----
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SANATATION FACILITIES- FOUR STANCE VIP LATRINES (FEMALE)
(NORMAL SOIL)

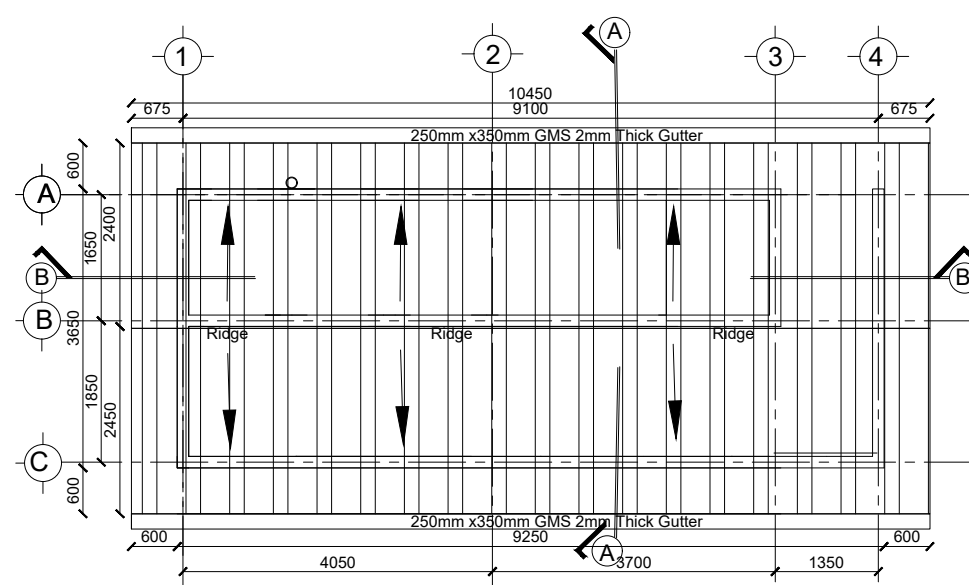
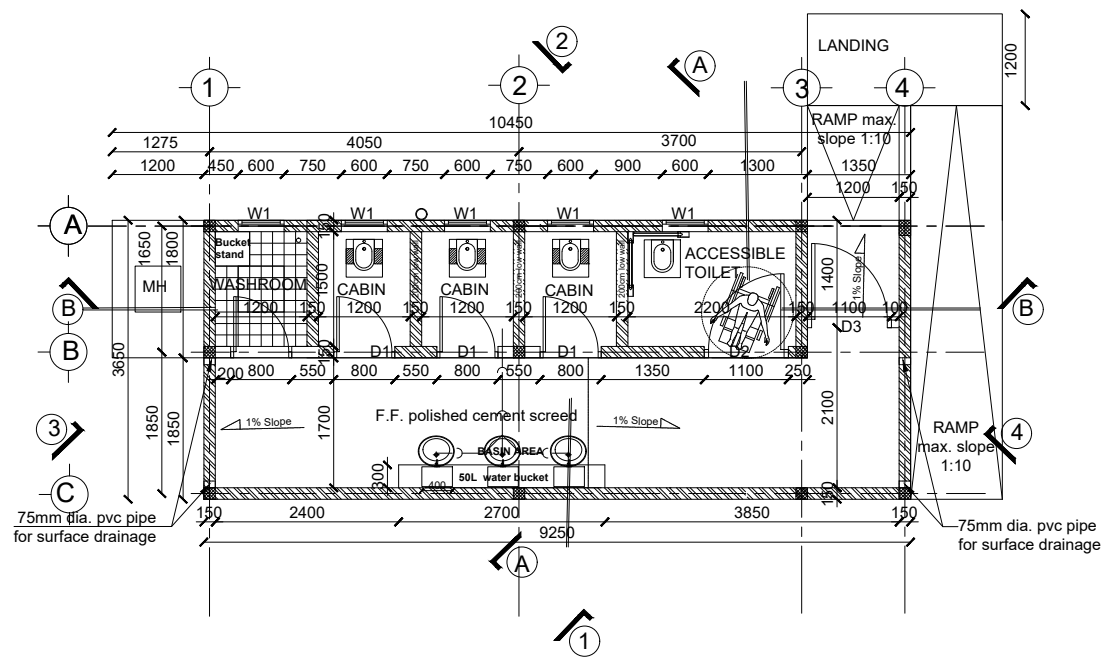
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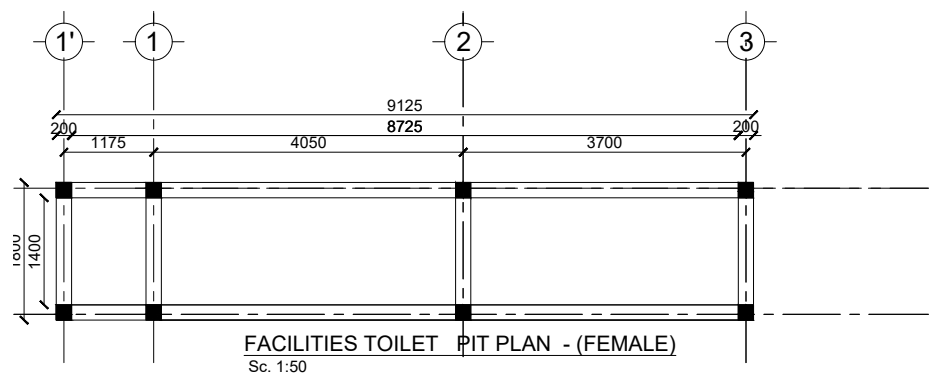
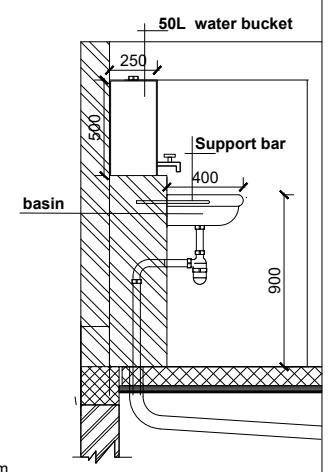
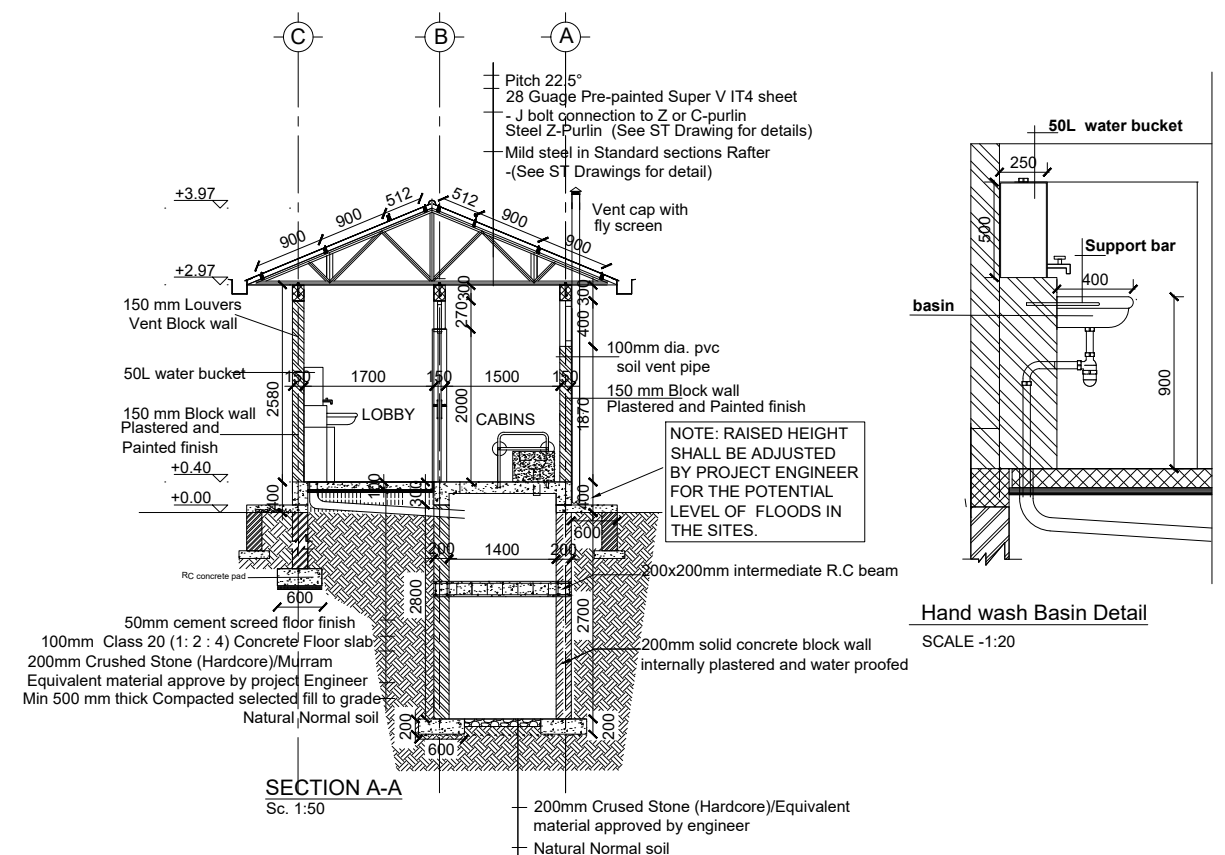
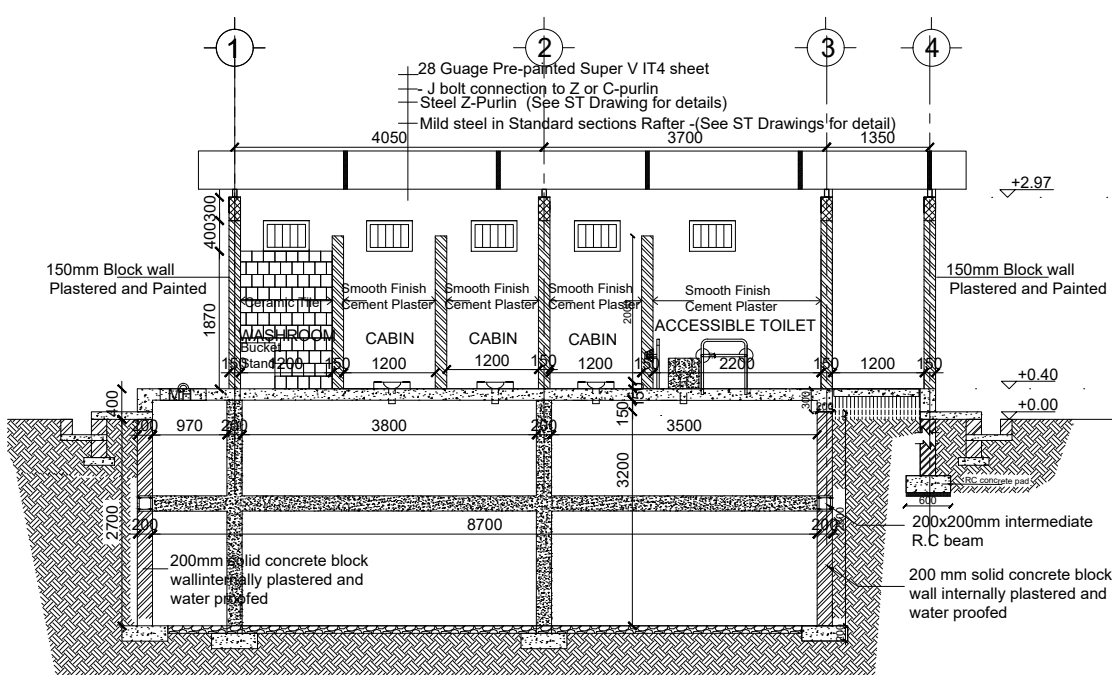
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BLOCK OF FOUR STANCE AND WASHROOM (NORMAL SOIL)	
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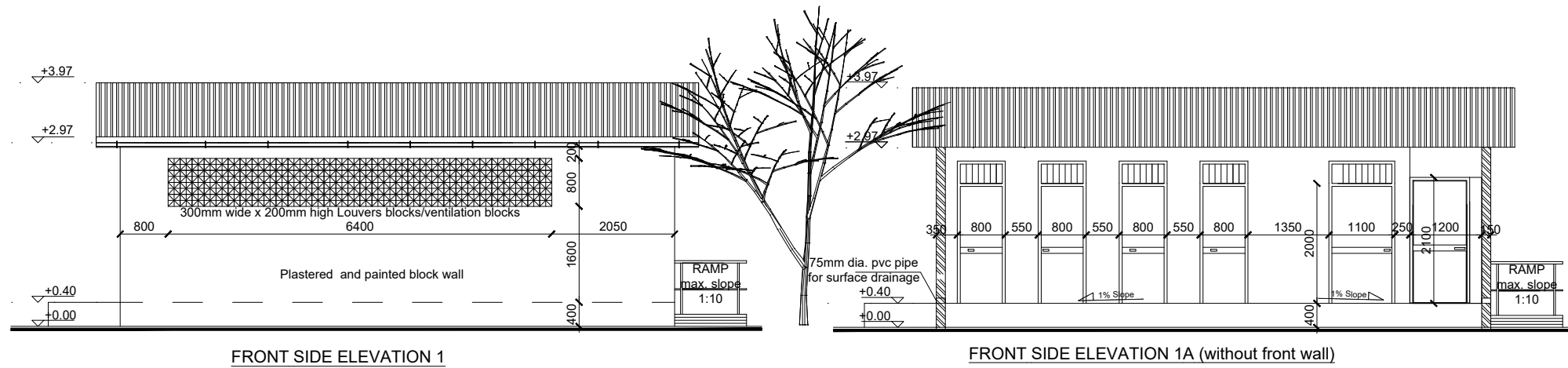
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A BLOCK OF FOUR STANCE AND WASHROOM (NORMAL SOIL)

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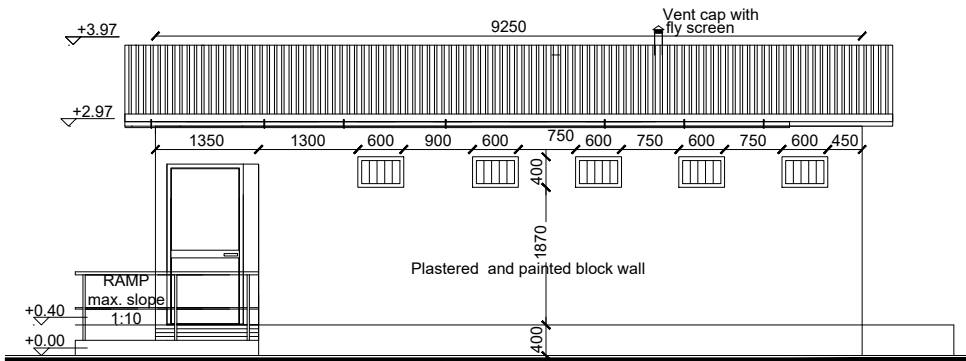
FLOOR PLAN, ROOF PLAN, SECTIONS

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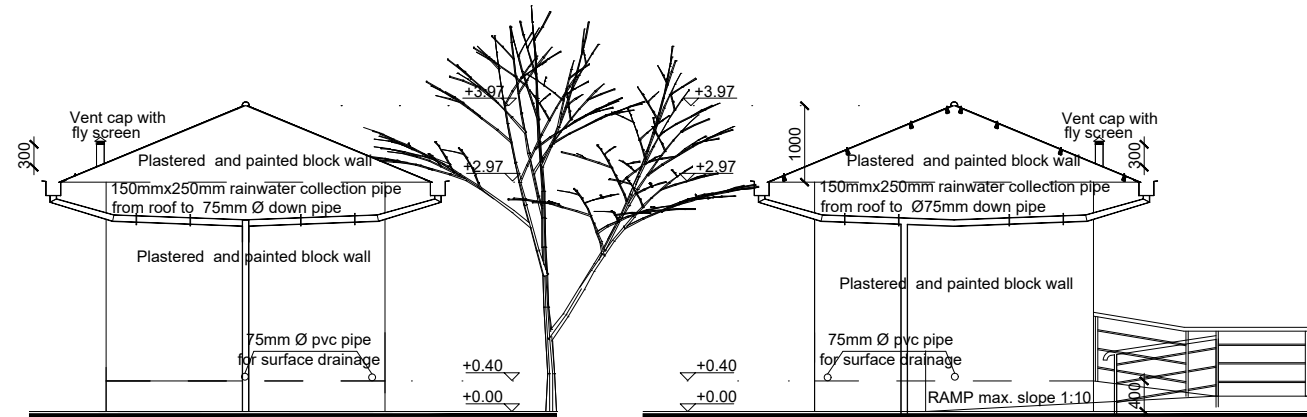


FRONT SIDE ELEVATION 1

FRONT SIDE ELEVATION 1A (without front wall)



REAR ELEVATION 2



SIDE ELEVATION 3

SIDE ELEVATION 4

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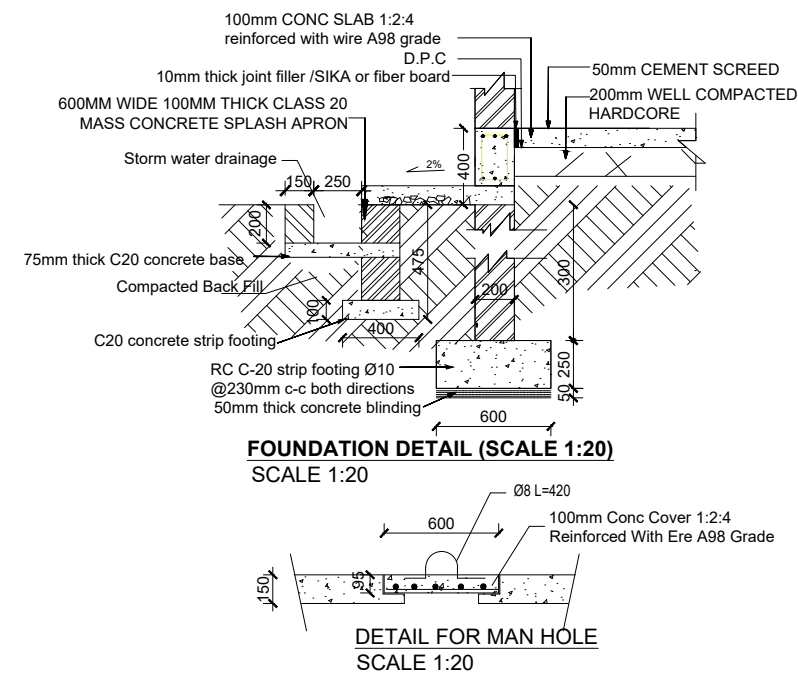
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DOOR SCHEDULE

Door Name	D1	D2	D3
Quantity	4	1	1
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
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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.	0.5mm thick steel louvers welded at top to the frame.	

WINDOW SCHEDULE

Window Name	W1
Quantity	5
Frame material	RHS steel frame 40mm x 40mm x 2mm
Frame finish	Painted with 2 coats of antirust paint & 2 coats of enamel paint
Burglar proofing	
Louvers	Steel Louver



Program



Client:

GOVERNMENT OF SOUTH SUDAN

Implemented By:



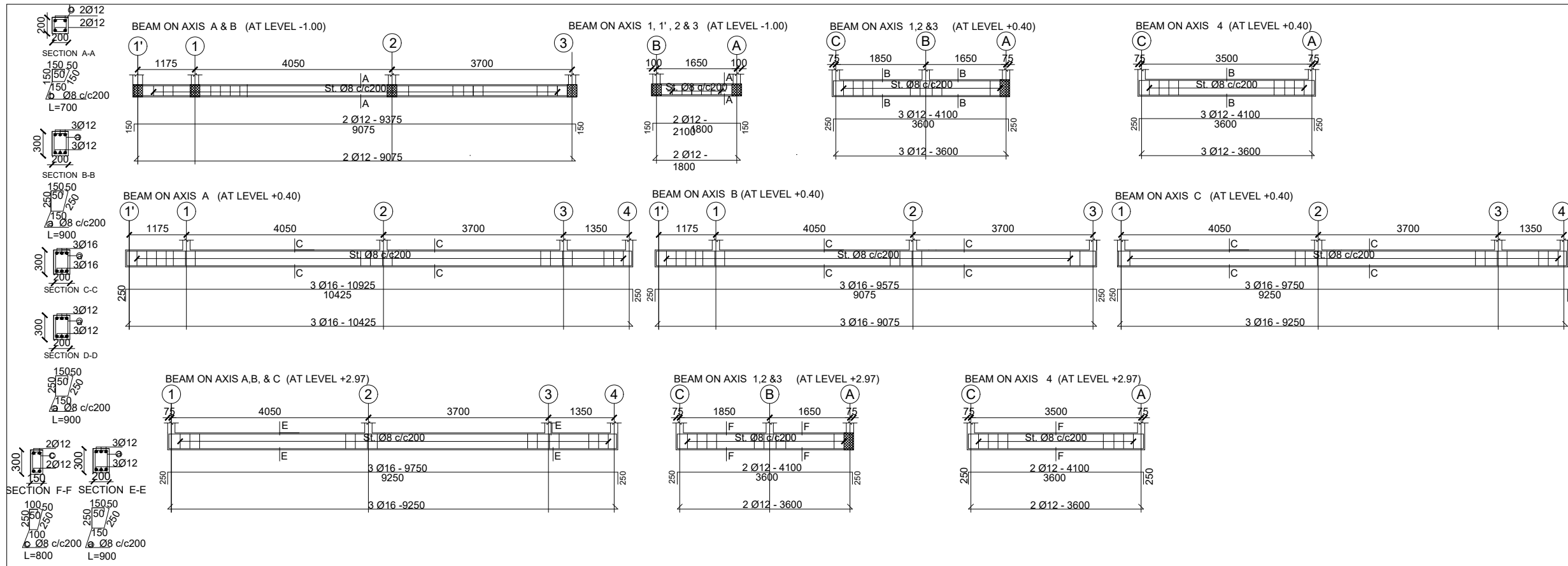
Project:

PROPOSED VIP LATRINES (FEMALE)
A BLOCK OF FOUR STANCE AND WASHROOM (NORMAL SOIL)

Drawing Title

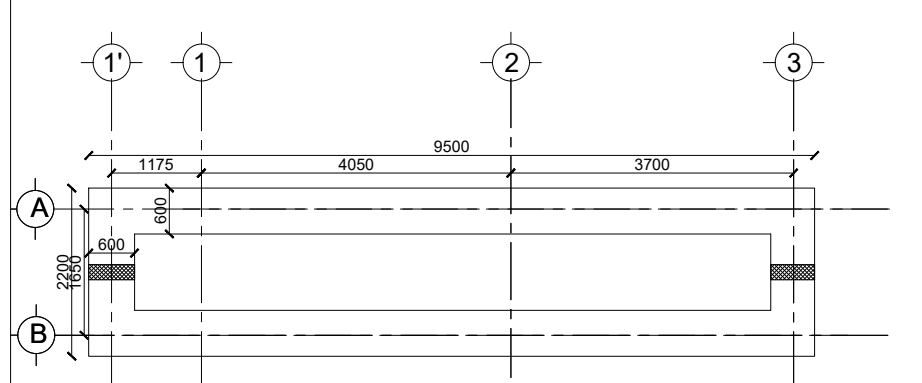
ELEVATIONS AND DETAILS

Designed By: ----	Drawn by: H.A
Checked: ----	Approved: ----
Sheet #: 3/5	Scale: AS SPECIFIED
Date: 22 July 2024	Rev: 0

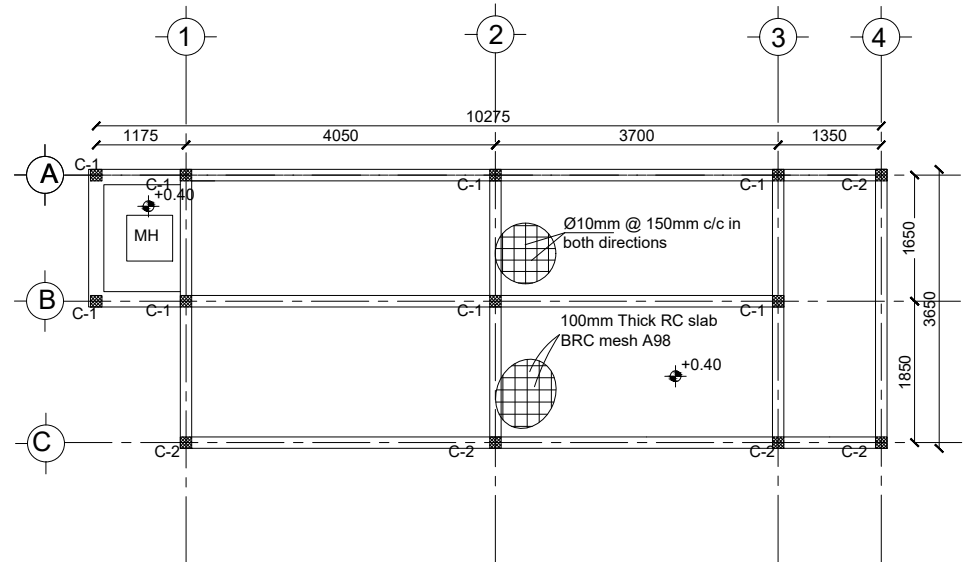


GENERAL NOTES:

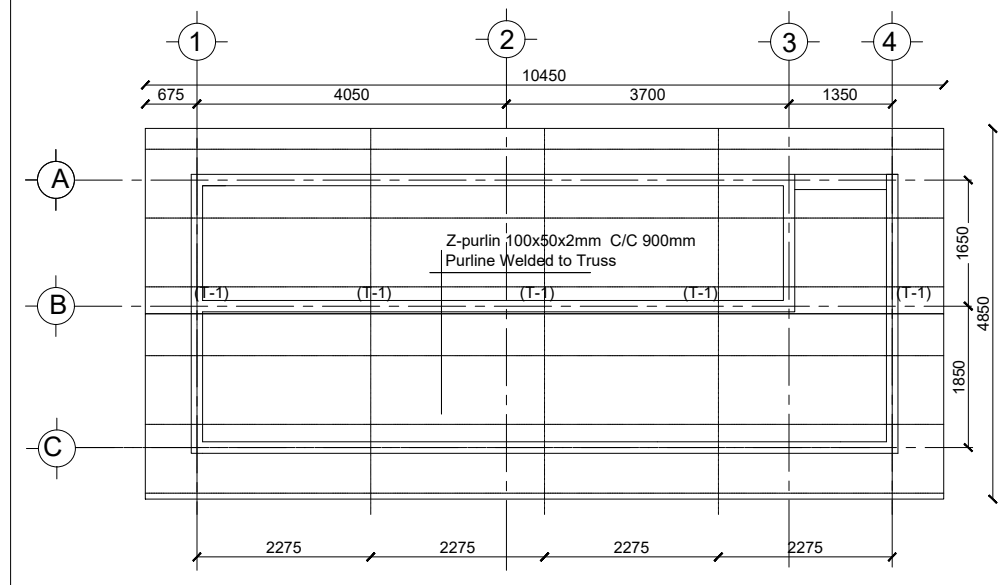
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- Depth of pad foundation 800mm.
- Depth of strip foundation 600mm.
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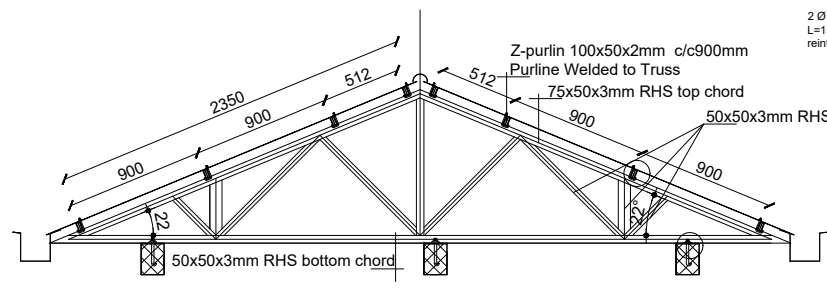
FACILITIES TOILET PIT PLAN - (FEMALE)
STRIP FOUNDATION PLAN & PIT WALL
Sc. 1:50



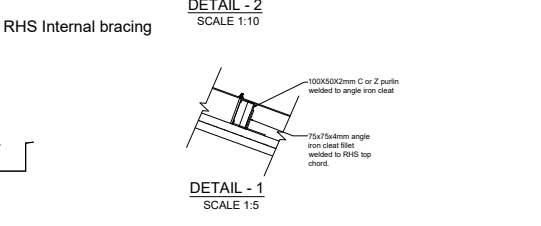
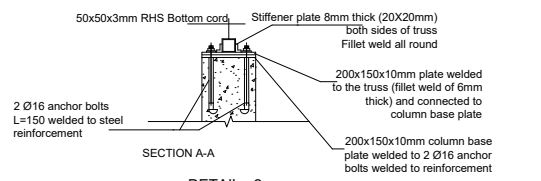
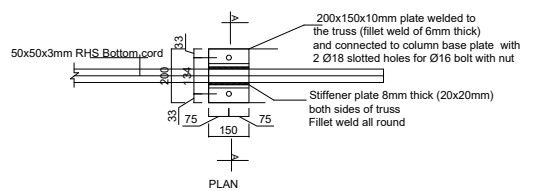
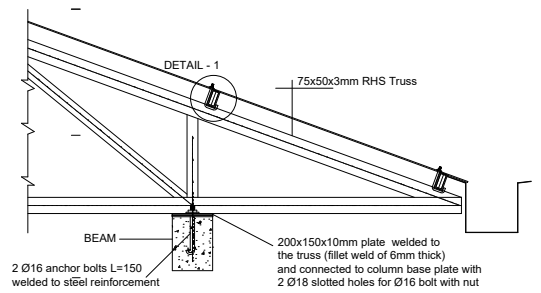
(PUBLIC TOILET - FEMALE)
GROUND FLOOR SLAB REINFORCEMENT, BEAM & COLUMN LAYOUT
Sc. 1:50



FACILITIES TOILET TRUSS LAYOUT - (FEMALE)
Sc. 1:50



TRUSS T-1 DETAIL
SC. 1:25



Rev:	Date	Description:	Approved
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Program

Enhancing Community Resilience and Local Governance Project

Sponsor:

GOVERNMENT OF SOUTH SUDAN

Implemented By:

IOM UN MIGRATION

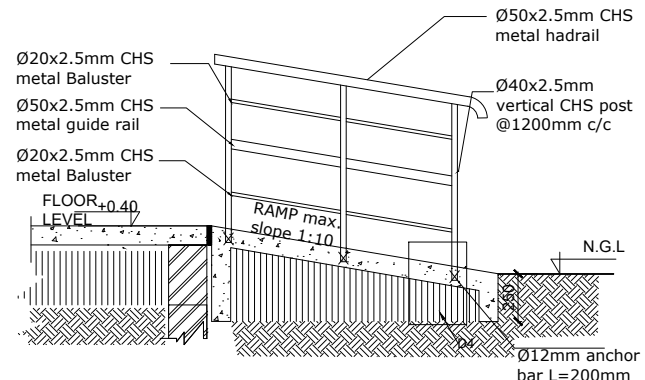
Project:

PROPOSED VIP LATRINES (MALE)
A BLOCK OF FOUR STANCE AND WASHROOM (NORMAL SOIL)

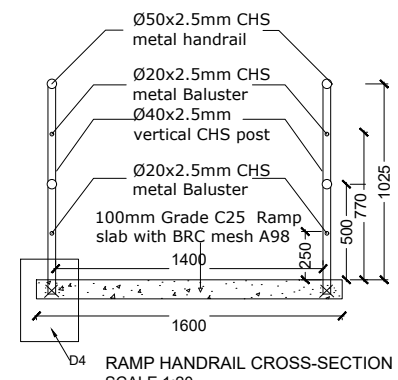
Drawing Title

STRUCTURAL DETAILS

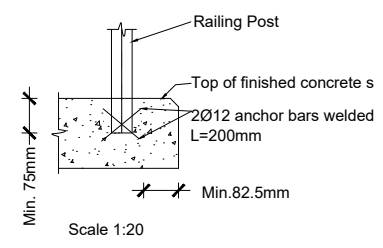
Designed By: H.A	Drawn by: H.A
Checked: F.E & G.O	Approved: ----
Sheet #: 4/5	Scale: AS SPECIFIED
Date: 22 July 2024	Rev: 0



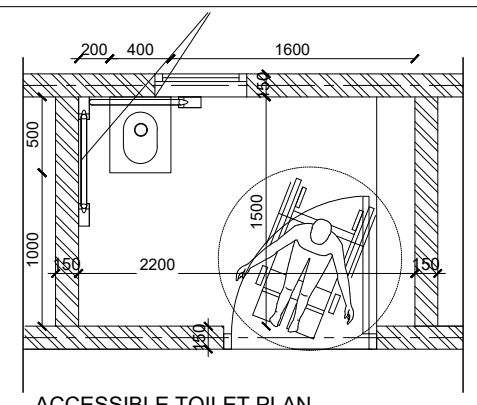
TYPICAL RAMP HANDRAIL DETAIL
SCALE 1:20



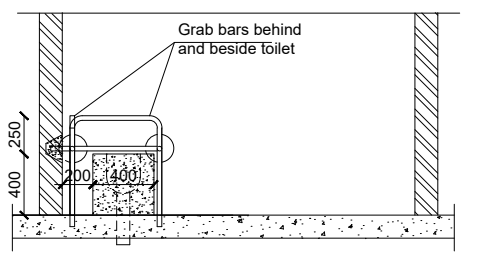
RAMP HANDRAIL CROSS-SECTION
SCALE 1:20



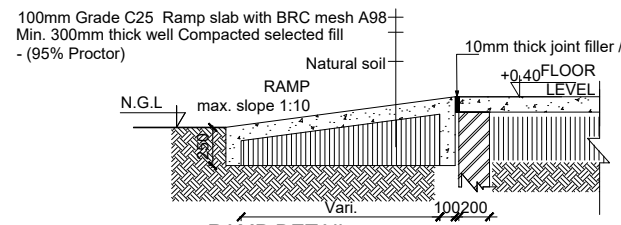
Scale 1:20



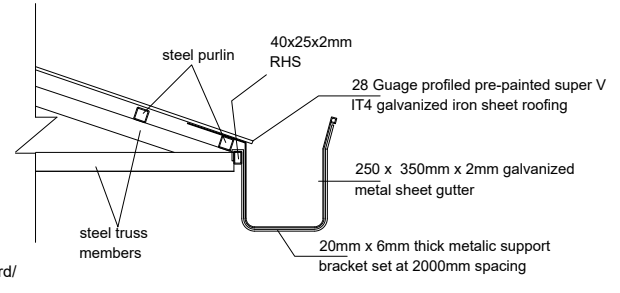
ACCESSIBLE TOILET PLAN



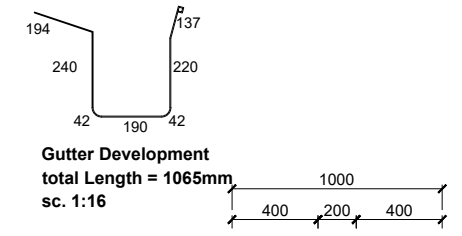
FRONT VIEW



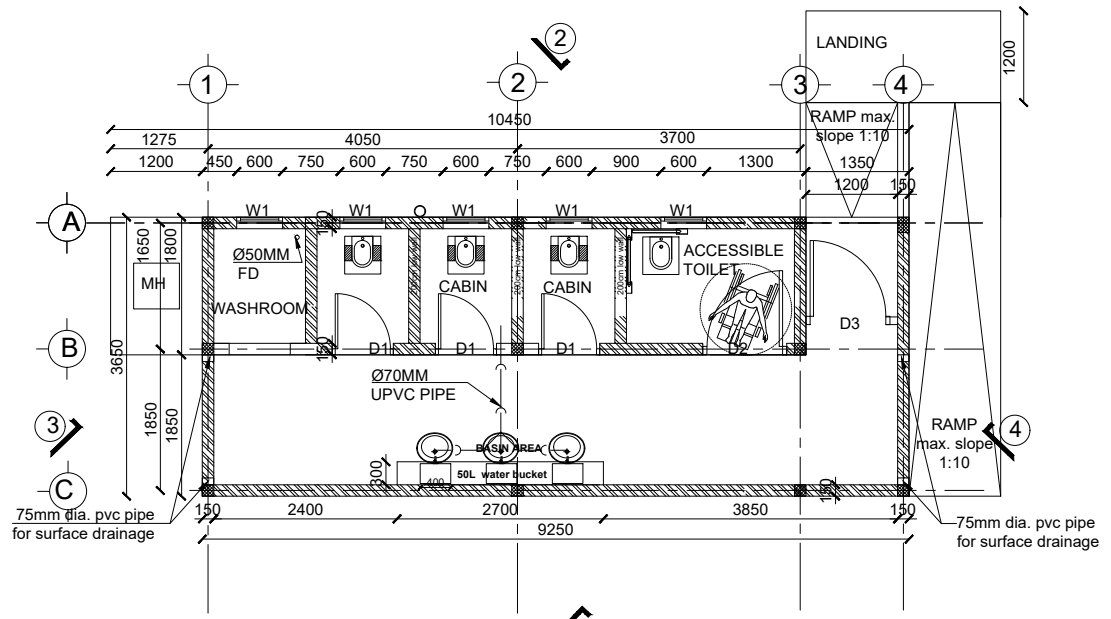
RAMP DETAIL
SCALE 1:25



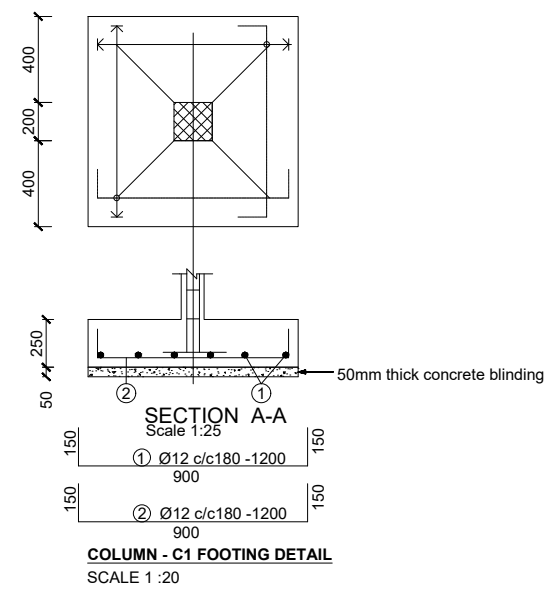
Detail 01: Overhung Gutter Detail
sc. 1:16



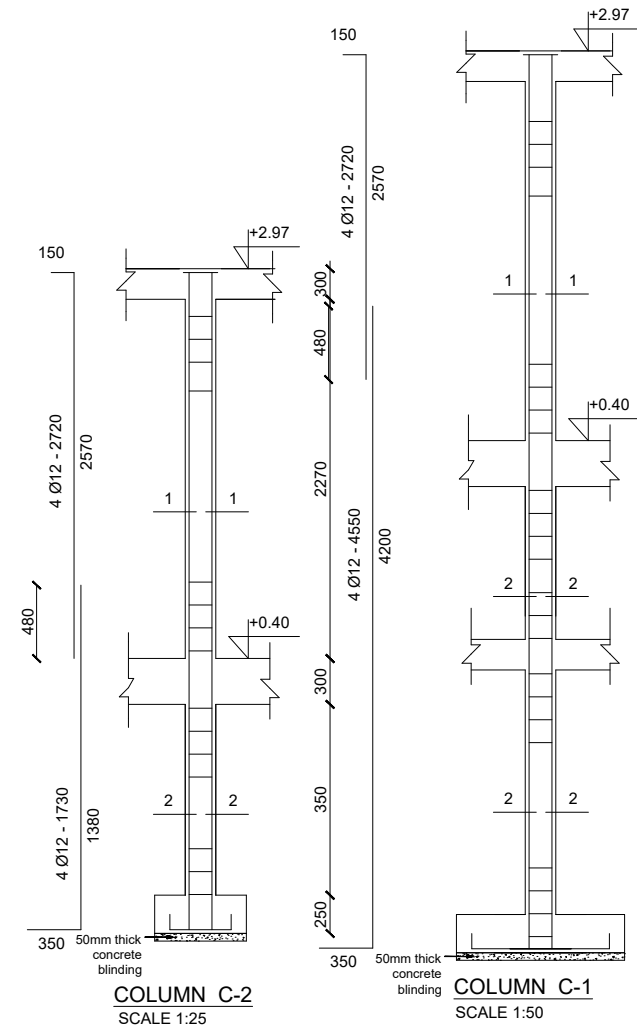
Gutter Development
total Length = 1065mm
sc. 1:16



FACILITIES TOILET INTERNAL PLUMBING - (FEMALE)
Sc. 1:50

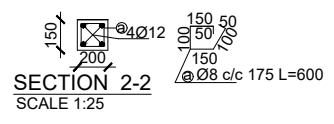


COLUMN - C1 FOOTING DETAIL
SCALE 1:20

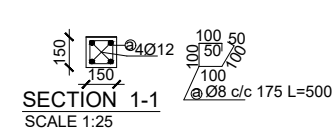


COLUMN C-2
SCALE 1:25

COLUMN C-1
SCALE 1:50



SECTION 2-2
SCALE 1:25



SECTION 1-1
SCALE 1:25

GENERAL NOTES:



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Program

Enhancing Community Resilience and Local Governance Project

Client:
GOVERNMENT OF SOUTH SUDAN

Implemented By:

IOM
UN MIGRATION

Project:
PROPOSED VIP LATRINES (FEMALE)
A BLOCK OF FOUR STANCE AND WASHROOM (NORMAL SOIL)

Drawing Title

STRUCTURAL DETAILS	
Designed By: H.A	Drawn by: H.A
Checked: F.E & G.O	Approved: ----
Sheet #: 5/5	Scale: AS SPECIFIED
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