

SANITATION FACILITIES- FOUR STANCE VIP LATRINES (MALE)
(BLACK COTTON SOIL)


GENERAL NOTES:



- 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. Depth of pad foundation 1200mm.
- 4. Depth of strip foundation 750mm.
- 5. Any discrepancy or changes is to be reported to IOM site Engineer/Project manager before proceeding

Rev:	Date	Description:	Approved
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----

Program




Enhancing Community
Resilience and Local
Governance Project

Client:

GOVERNMENT OF SOUTH SUDAN

Implemented By:



Project:

PROPOSED VIP LATRINES (MALE)
BLOCK OF FOUR STANCE (BLACK COTTON 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: 1



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. Depth of pad foundation 1200mm.
4. Depth of strip foundation 750mm.
5. Any discrepancy or changes is to be reported to IOM site Engineer/Project manager before proceeding



Program



Client:

GOVERNMENT OF SOUTH SUDAN

<p>Implemented By:</p>



Project:

PROPOSED VIP LATRINES (MALE)

A BLOCK OF FOUR STANCE (BLACK COTTON SOIL)

Drawing Title

FLOOR PLAN, ROOF PLAN, SECTIONS

Designed By: H.A

Drawn by: H.A

Checked: F.E & G.O

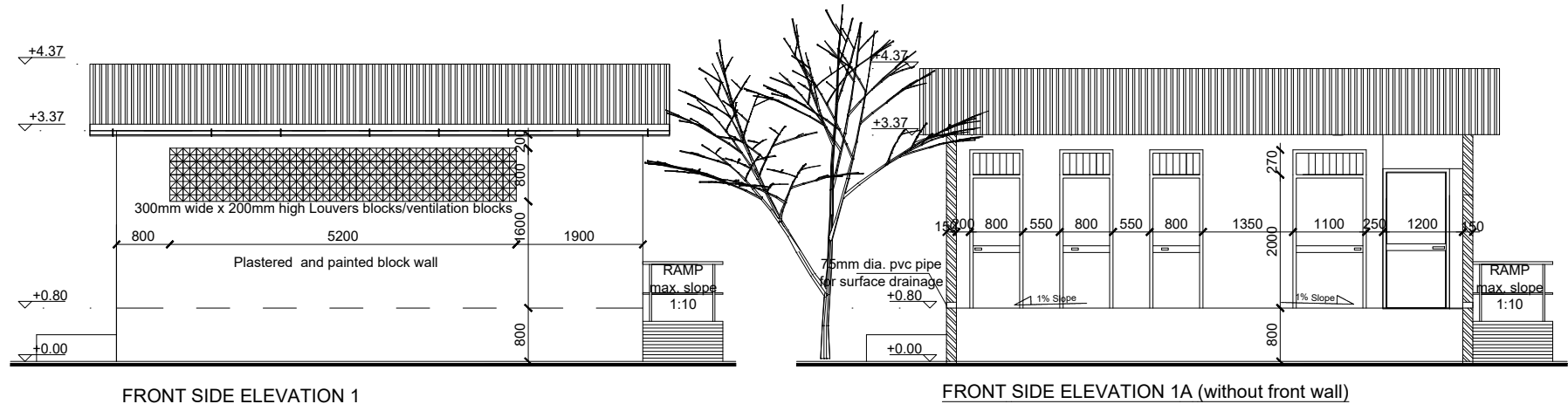
Approved: ----


Sheet #: 2/6

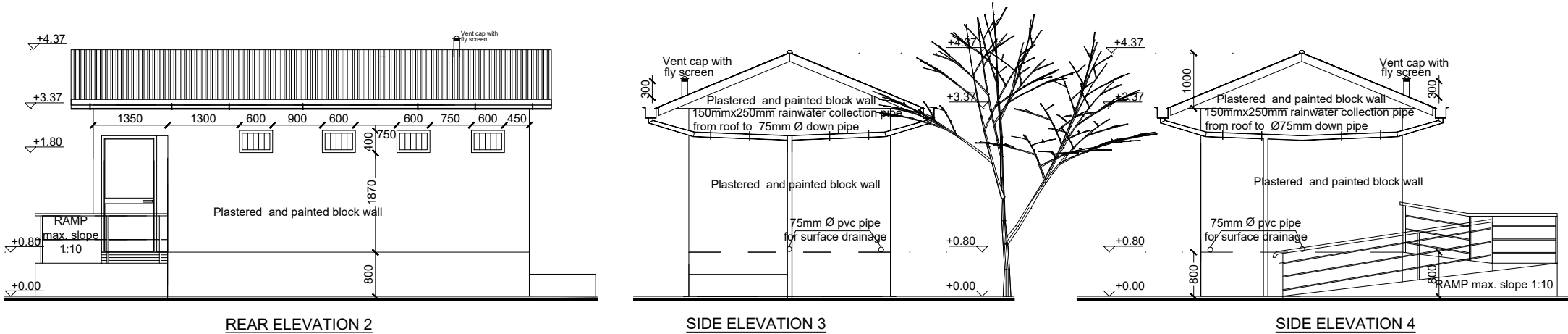
Scale: AS SPECIFIED

Date: 22 July 2024

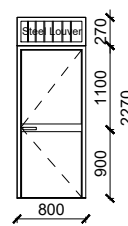
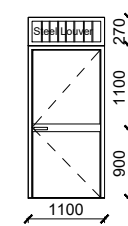
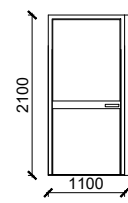
Rev: 1



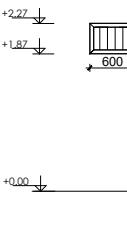
- GENERAL NOTES:
- 
1. All dimensions are in millimeters unless otherwise stated.
 2. All dimensions are to be checked and confirmed on site before commencement of any work
 3. Depth of pad foundation 1200mm.
 4. Depth of strip foundation 750mm.
 5. Any discrepancy or changes is to be reported to IOM site Engineer/Project manager before proceeding

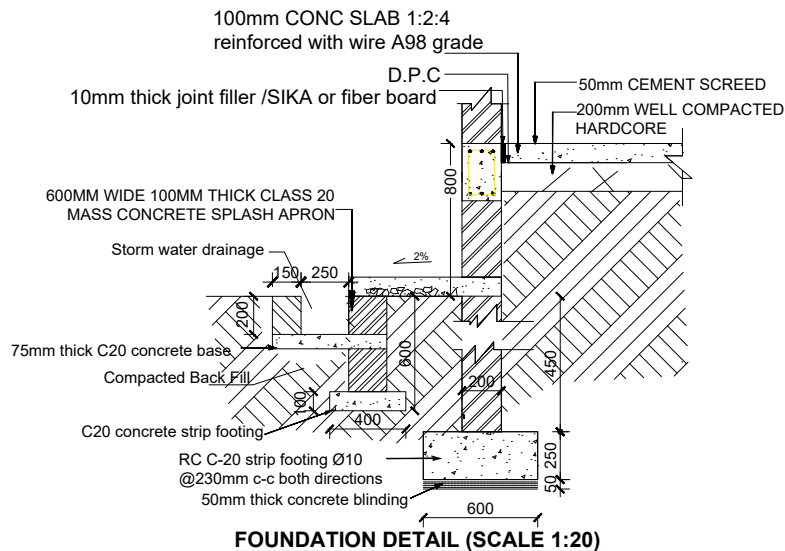


DOOR SCHEDULE

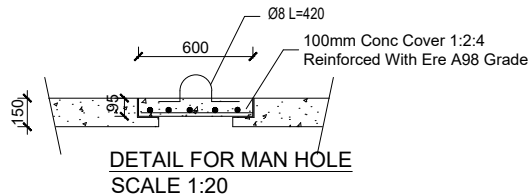
Door Name	D1	D2	D3
Quantity	3	1	1
Frame material	RHS steel frame 40mm x 40mm x 2mm	RHS steel frame 40mm x 40mm x 2mm	RHS steel frame 40mm x 40mm x 2mm
Frame finish	Painted with 2 coats of antirust paint & 2 coats of enamel paint	Painted with 2 coats of antirust paint & 2 coats of enamel paint	Painted 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)



DETAIL FOR MAN HOLE
SCALE 1:20

Rev:	Date	Description:	Approved
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----


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 (BLACK COTTON SOIL)

Drawing Tittle

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: 1

STRUCTURAL NOTES:

- I) Building shall be founded on load bearing stone masonry wall having a depth of 750mm and pad foundation of 1200mm 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 black cotton soil and achieve a minimum bearing capacity of 100 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 foundations (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 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.

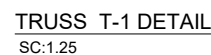
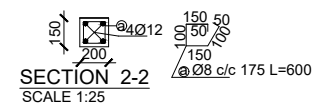
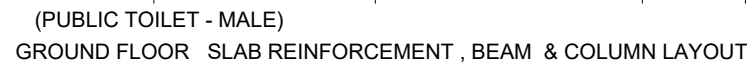
GENERAL NOTES:



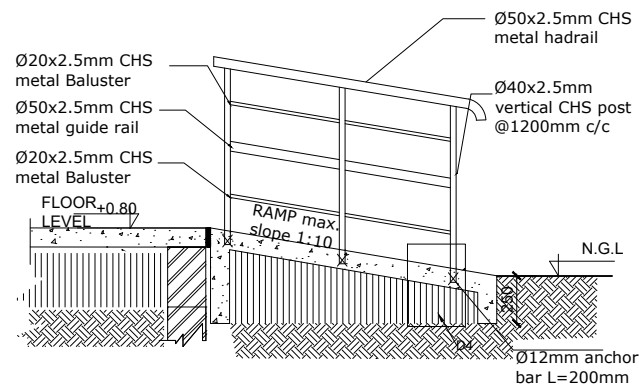
- All dimensions are in millimeters unless otherwise stated.
- All dimensions are to be checked and confirmed on site before commencement of any work
- Depth of pad foundation 1200mm.
- Depth of strip foundation 750mm.
- Any discrepancy or changes is to be reported to IOM site Engineer/Project manager before proceeding

Rev:	Date	Description:	Approved
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----

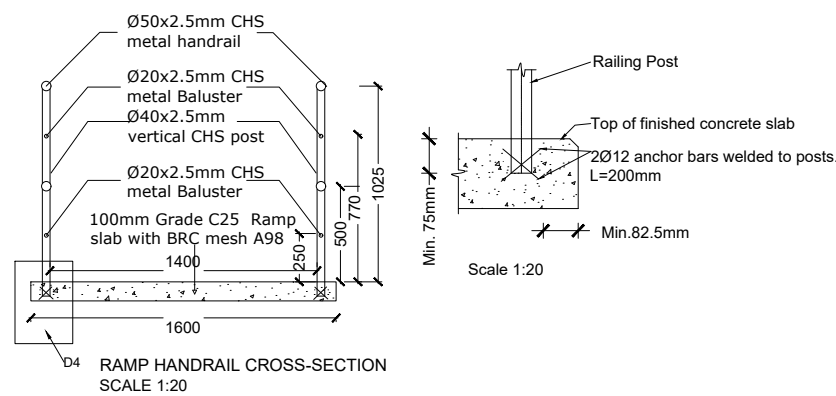
Program		
<div><div>Enhancing Community Resilience and Local Governance Project</div></div>		
Client:		
GOVERNMENT OF SOUTH SUDAN		
Implemented By:	<div></div>	
Project:		
PROPOSED VIP LATRINES (MALE)		
A BLOCK OF FOUR STANCE (BLACK COTTON SOIL)		
Drawing Title		
STRUCTURAL NOTES		
Designed By: H.A	Drawn by: H.A	
Checked: F.E & G.O	Approved: ----	
Sheet #: 4/6	Scale: AS SPECIFIED	
Date: 22 July 2024	Rev: 1	



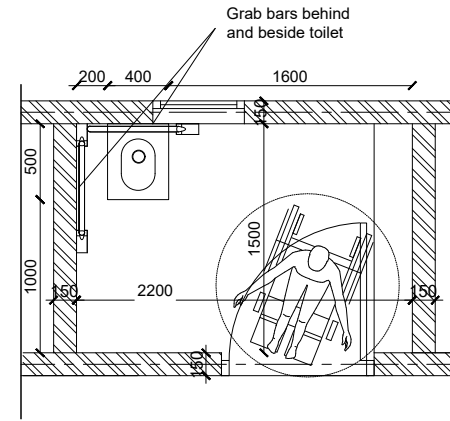
Rev: 1



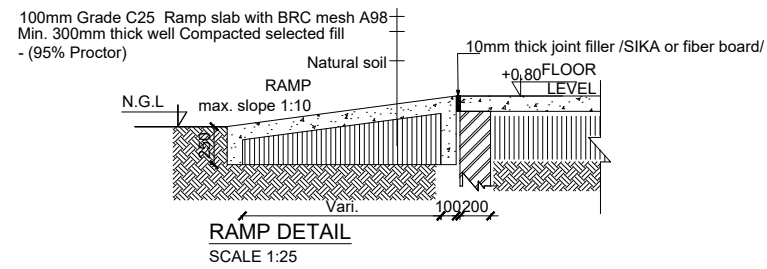
TYPICAL RAMP HANDRAIL DETAIL
SCALE 1:20



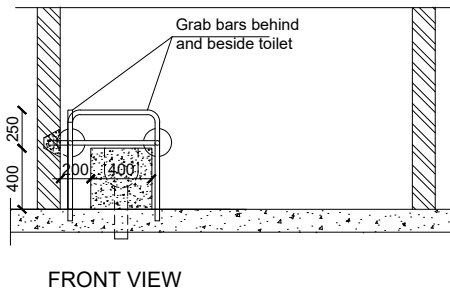
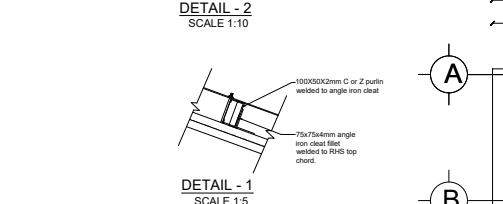
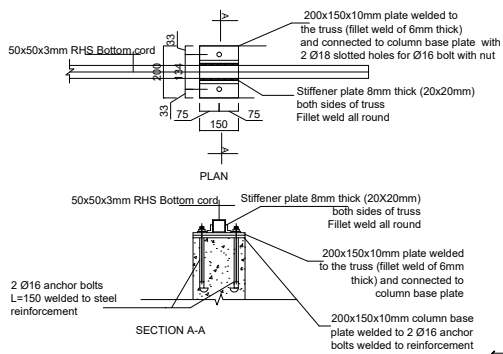
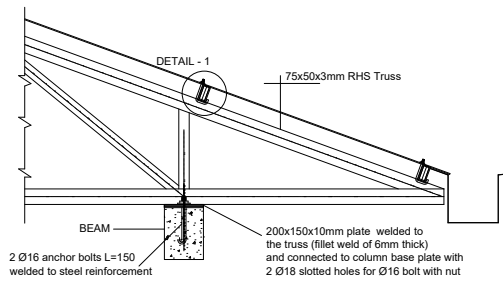
RAMP HANDRAIL CROSS-SECTION
SCALE 1:20



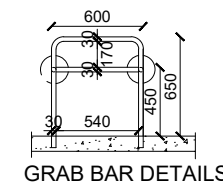
ACCESSIBLE TOILET PLAN



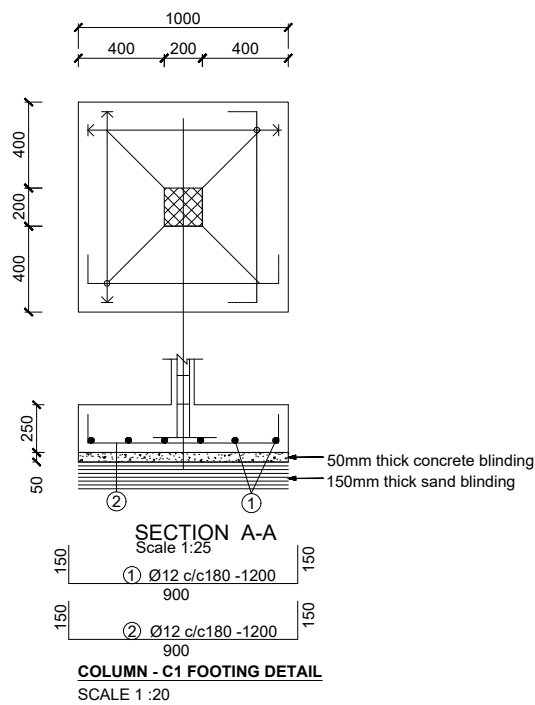
RAMP DETAIL
SCALE 1:25



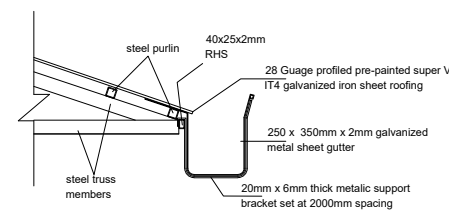
FRONT VIEW



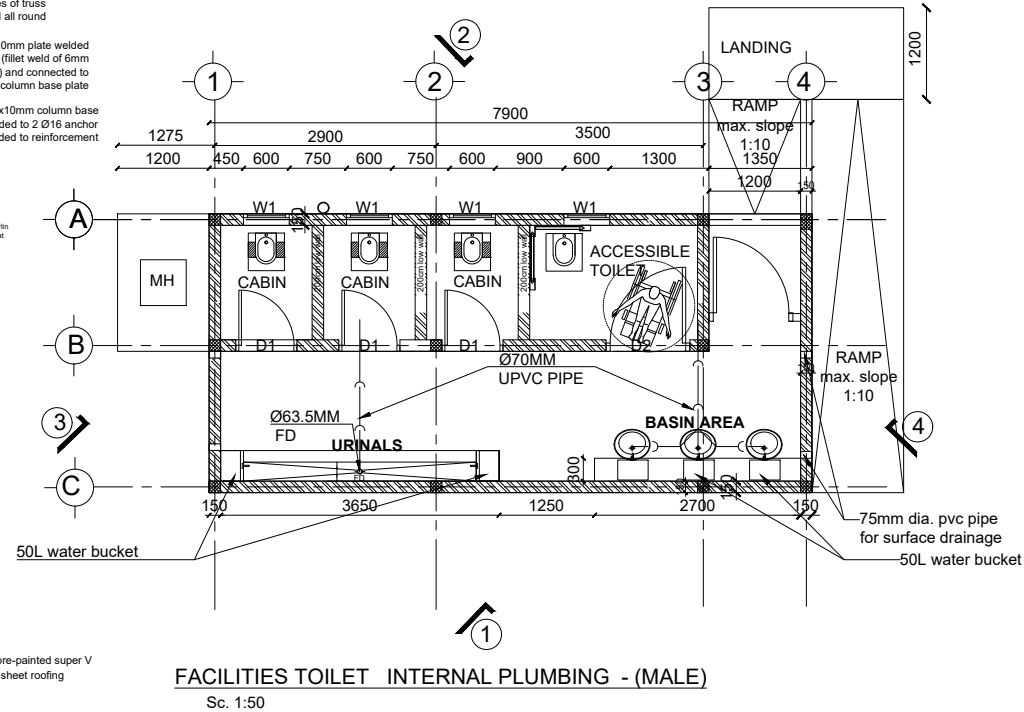
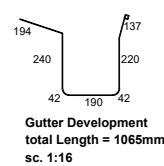
GRAB BAR DETAILS



COLUMN - C1 FOOTING DETAIL
SCALE 1:20



Detail 01: Overhanging Gutter Detail
sc. 1:16



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

GENERAL NOTES:



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. Depth of pad foundation 1200mm.
4. Depth of strip foundation 750mm.
5. Any discrepancy or changes is to be reported to IOM site Engineer/Project manager before proceeding

Rev:	Date	Description:	Approved
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----

Program



Client:

GOVERNMENT OF SOUTH SUDAN

Implemented By:



Project:

PROPOSED VIP LATRINES (MALE)

A BLOCK OF FOUR STANCE (BLACK COTTON SOIL)

Drawing Title

STRUCTURAL DETAILS

Designed By: H.A	Drawn by: H.A
Checked: F.E & G.O	Approved: ----
Sheet #: 6/6	Scale: AS SPECIFIED
Date: 22 July 2024	Rev: 1

SANATATION FACILITIES- FOUR STANCE VIP LATRINES (FEMALE)
(BLACK COTTON)


GENERAL NOTES:



- 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. Depth of pad foundation 1200mm.
- 4. Depth of strip foundation 750mm.
- 5. Any discrepancy or changes is to be reported to IOM site Engineer/Project manager before proceeding

Rev:	Date	Description:	Approved
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----

Program




Enhancing Community
Resilience and Local
Governance Project

Client:

GOVERNMENT OF SOUTH SUDAN

Implemented By:



IOM
UN MIGRATION

Project:

PROPOSED VIP LATRINES (FEMALE)
BLOCK OF FOUR STANCE (BLACK COTTON SOIL)

Drawing Title

COVER PAGE

Designed By: H.A

Drawn by: H.A

Checked: F.E & G.O

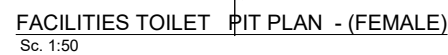
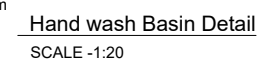
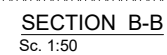
Approved: ----

Sheet #: 1/5

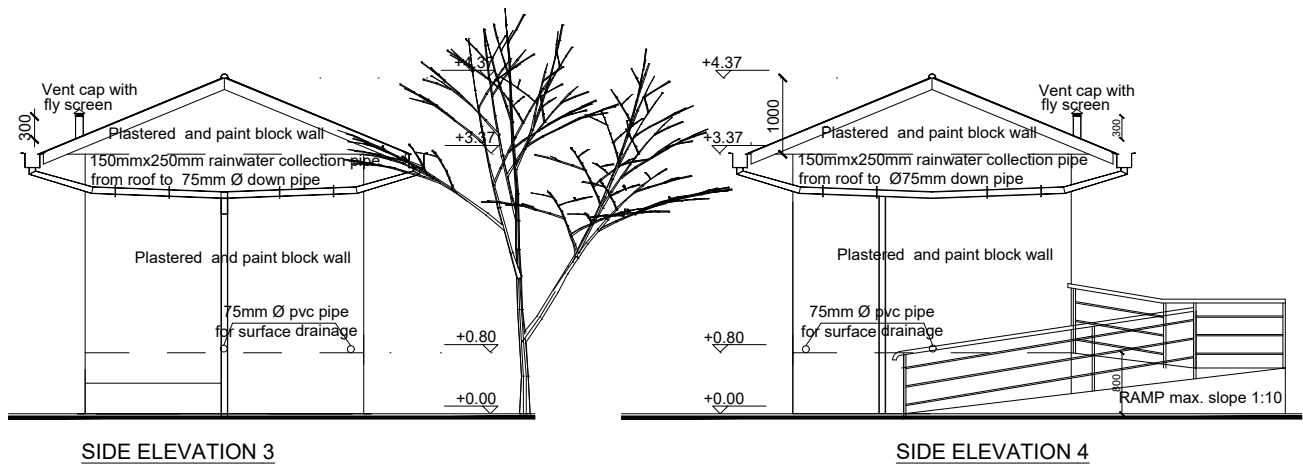
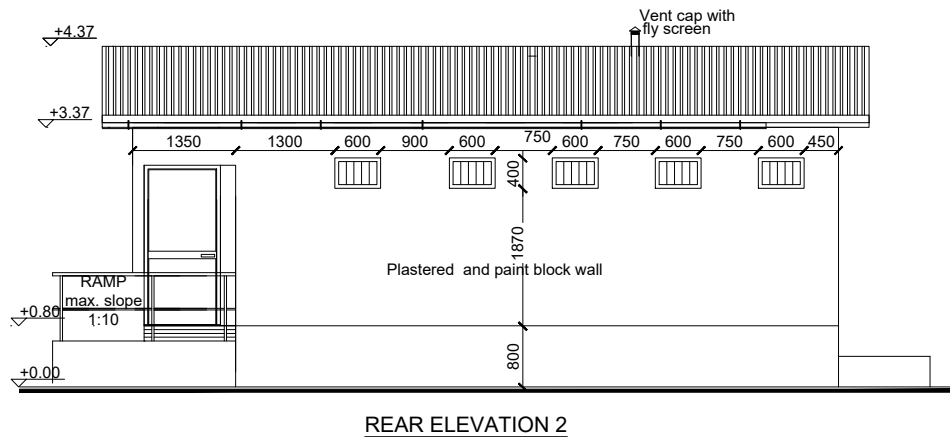
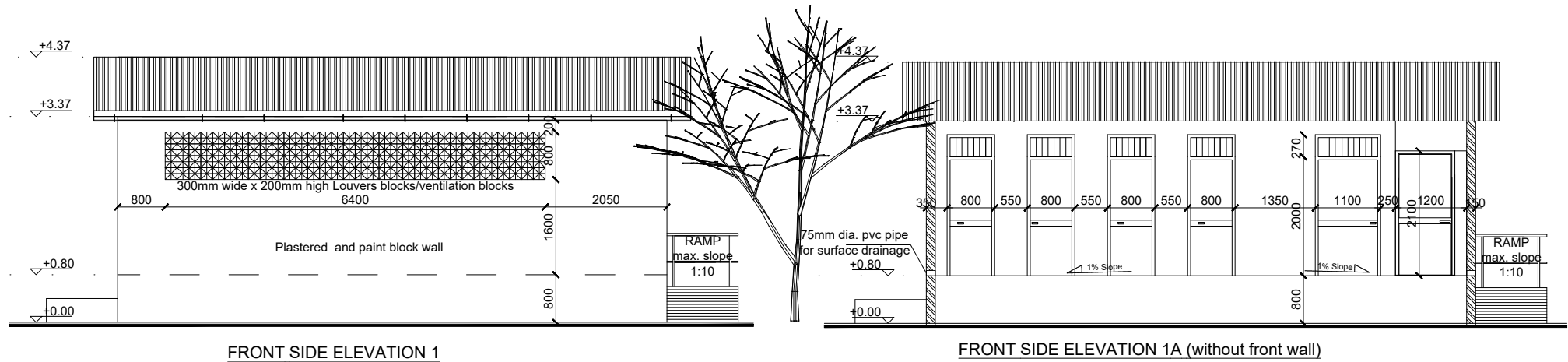
Scale: AS SPECIFIED

Date: 22 July 2024

Rev: 1



Designed By: H.A	Drawn by: H.A
Checked: F.E & G.O	Approved: ----
Sheet #: 2/5	Scale: AS SPECIFIED
Date: 22 July 2024	Rev: 1

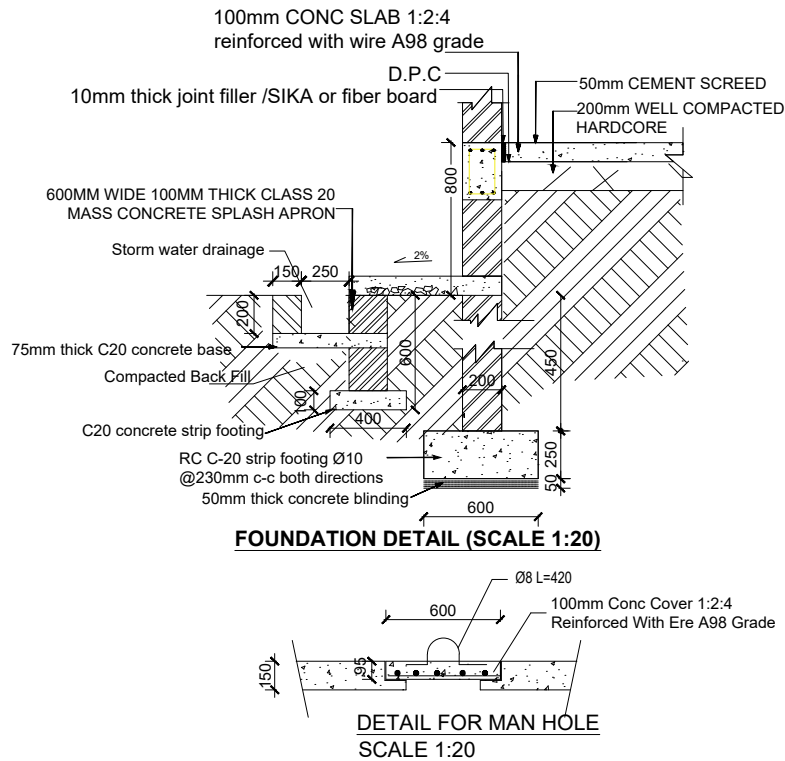


DOOR SCHEDULE

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
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	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



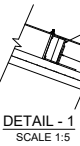
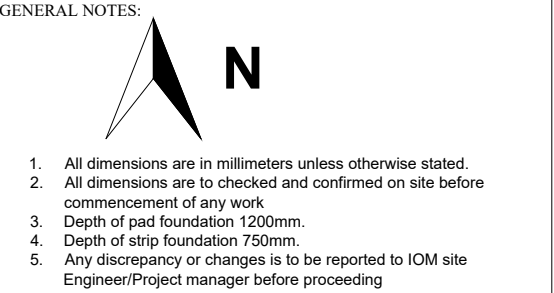
GENERAL NOTES:



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. Depth of pad foundation 1200mm.
4. Depth of strip foundation 750mm.
5. Any discrepancy or changes is to be reported to IOM site Engineer/Project manager before proceeding

Rev:	Date	Description:	Approved
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----

Program		
Client:		
GOVERNMENT OF SOUTH SUDAN		
Implemented By:		
Project:		
PROPOSED VIP LATRINES (FEMALE)		
A BLOCK OF FOUR STANCE AND WASHROOM (BLACK COTTON SOIL)		
Drawing Tittle		
ELEVATIONS AND DETAILS		
Designed By: ----	Drawn by: H.A	
Checked: ----	Approved: ----	
Sheet #: 3/5	Scale: AS SPECIFIED	
Date: 22 July 2024	Rev: 1	



Rev:	Date	Description:	Approved
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----
----	--/--/----	----	----

Program	
---------	--



Client:

GOVERNMENT OF SOUTH SUDAN



Project:

PROPOSED VIP LATRINES (MALE)

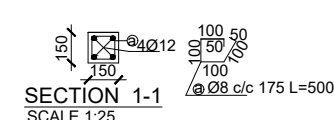
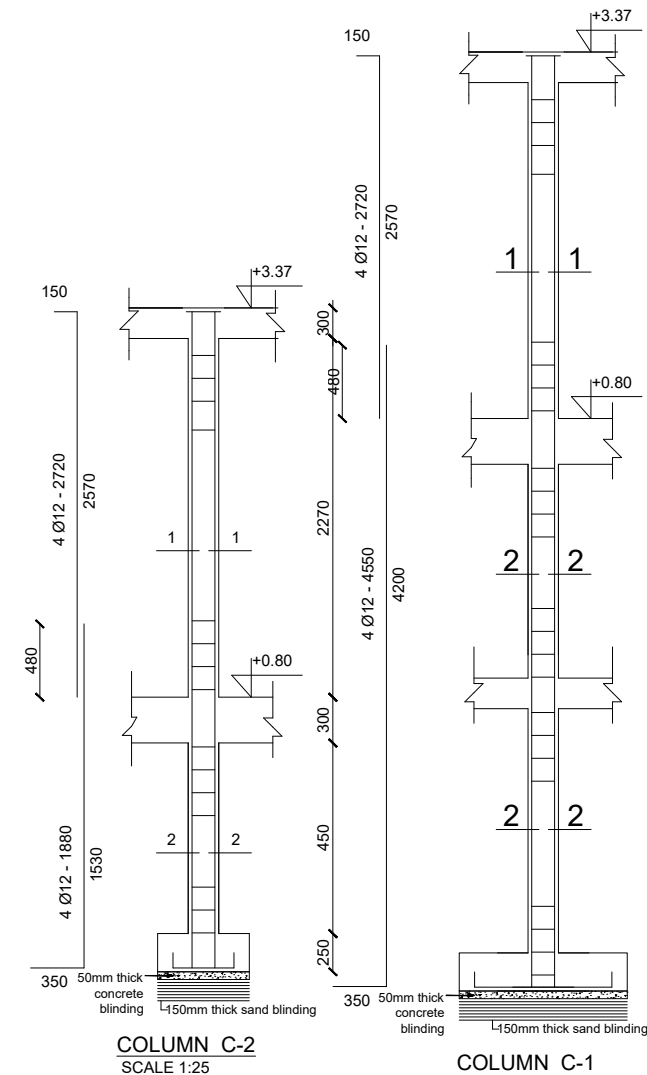
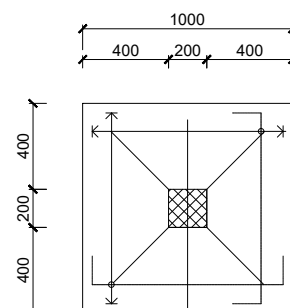
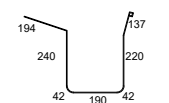
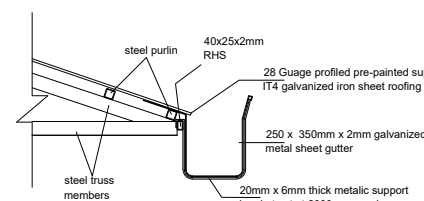
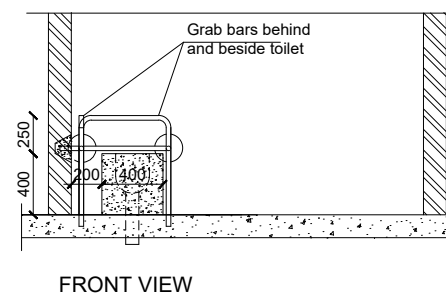
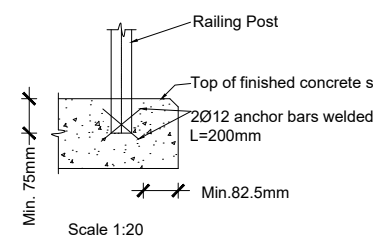
A BLOCK OF FOUR STANCE (BLACK COTTON SOIL)

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: 1

FACILITIES TOILET TRUSS LAYOUT - (FEMALE)



NOTES:



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. Depth of pad foundation 1200mm.
4. Depth of strip foundation 750mm.
5. Any discrepancy or changes is to be reported to IOM site Engineer/Project manager before proceeding

Rev:	Date	Description:	Approved
----	--/--/----	-----	-----
----	--/--/----	-----	-----
----	--/--/----	-----	-----
----	--/--/----	-----	-----

Program



Enhancing Community Resilience and Local Governance Project

Client:

GOVERNMENT OF SOUTH SUDAN

<p>Implemented By:</p>



Project:

PROPOSED VIP LATRINES (FEMALE)

A BLOCK OF FOUR STANCE (BLACK COTTON 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
Date: 22 July 2024	Rev: 1