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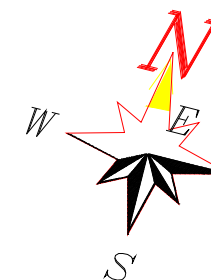
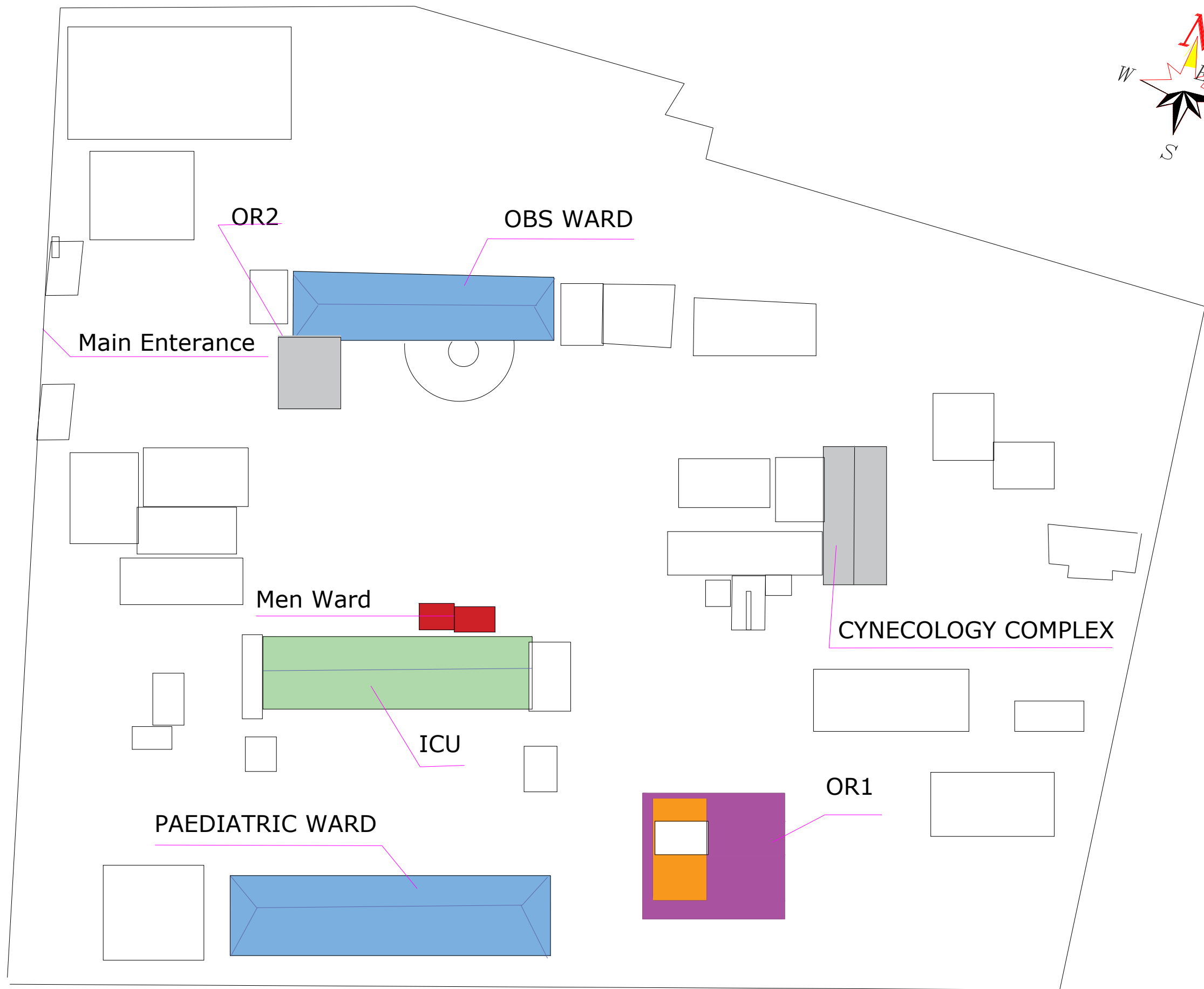
International Organization For Migration (IOM Sudan)

Project Title:

Sudan Integrated Social Sector Infrastructure Rehabilitation Project (SISSIR)

Rehabilitation of Sinja Teaching Hospital Drawings Album

Consultant



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Project Title:

Sudan Integrated Social Sector Infrastructure
Rehabilitation Project
(SISSIR)

Project Implemented by :

International Organization For migration (IOM Sudan)

Ref.	Date.	Description	Approval

Designed by : Eng. HASHIM M. HAMID

GOSHEN/DEE

Checked by : Prof. Siddig E.Ahmed / Eng.Hagos Tadesse

GOSHEN/DEE

Reviewed by: Eng. Mohamed I. Khalil

IOM

Approved by: Eng. FATHI MOHAMMED

IOM

Drawing Titel. General Layout Plan for Sinja Hospital

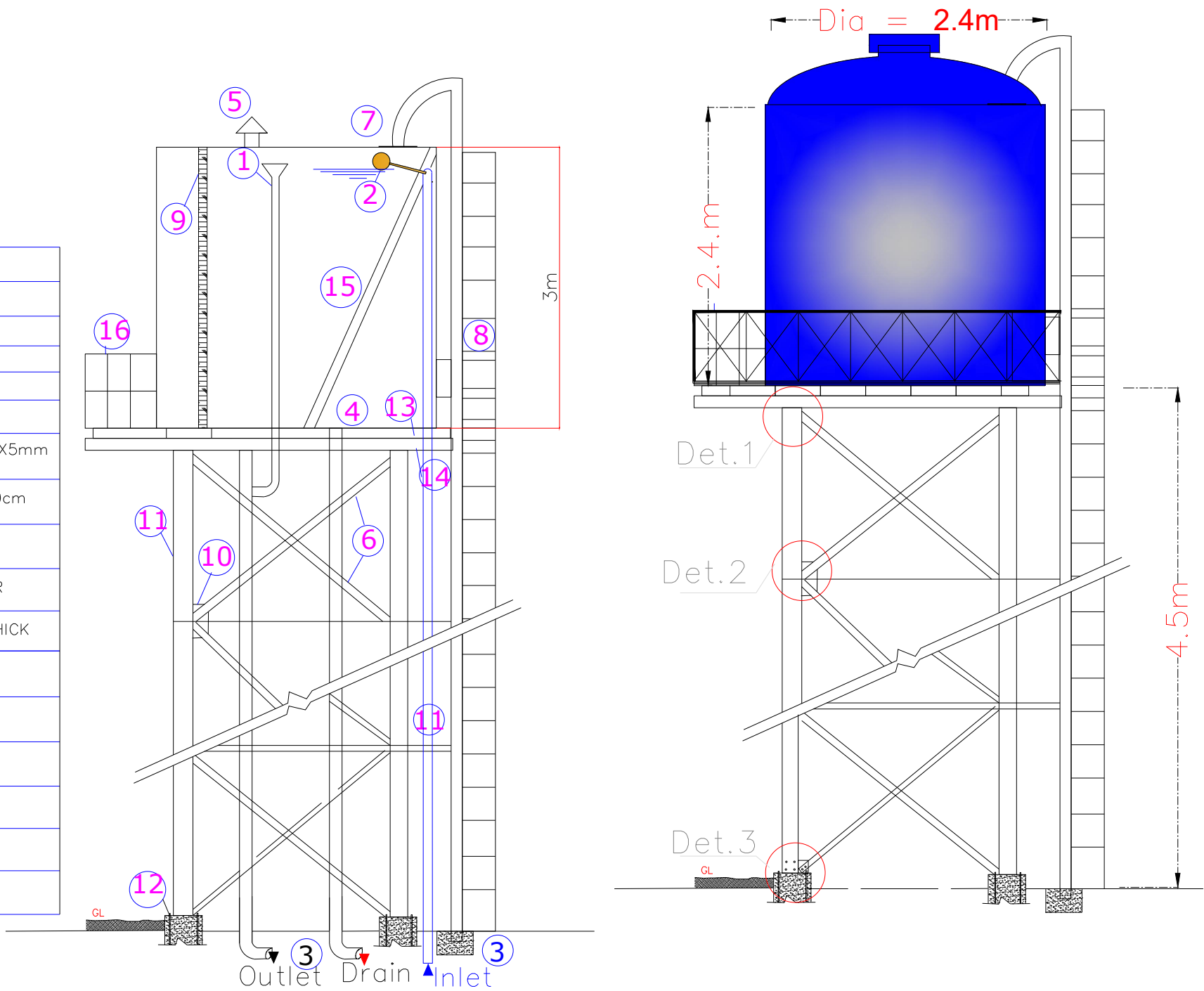
SHEET NO. 01

2-10³ m PLASTIC ELEVATED TANK

No.	Description
1	OVERFLOW PIPE
2	FLOAT LEVEL VALVE
3	OUTLET INLET PIPE
4	WASH PIPE
5	VENT PIPE
6	DIAGONAL BRACER 50X50X5mm
7	MANHOLE COVER 50X50cm
8	EXTERNAL LADDER
9	WATER LEVEL INDICATOR
10	GUSSET PLATES 8mmTHICK
11	I 120x4mm
12	HD BOLT 70X 20mm
13	2L 50x50x5mm
14	I 12cm
15	INTERNAL LADDER
16	BALCONY

Note :-
Note :-

The minimum acceptable finish should consist of grit blasting all material and coating with good quality primer paint before delivery, followed by a further two coats of paint at site after erection.



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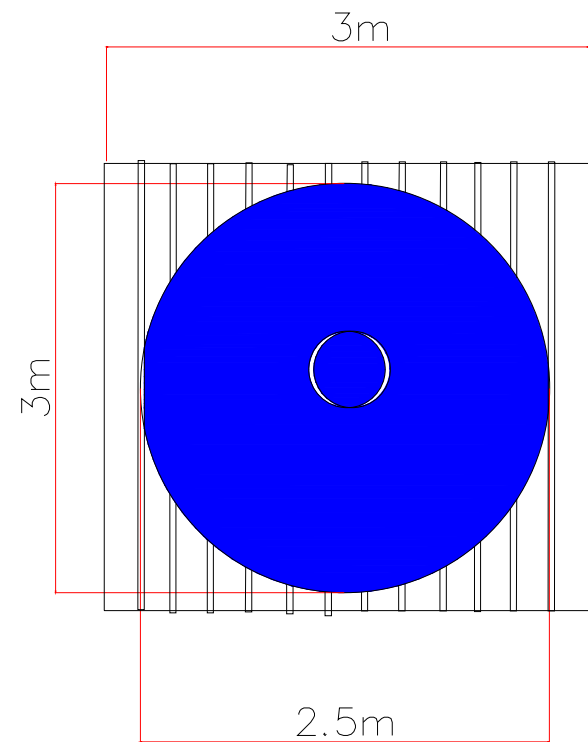
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Project Implemented by :	International Organization For migration (IOM Sudan)

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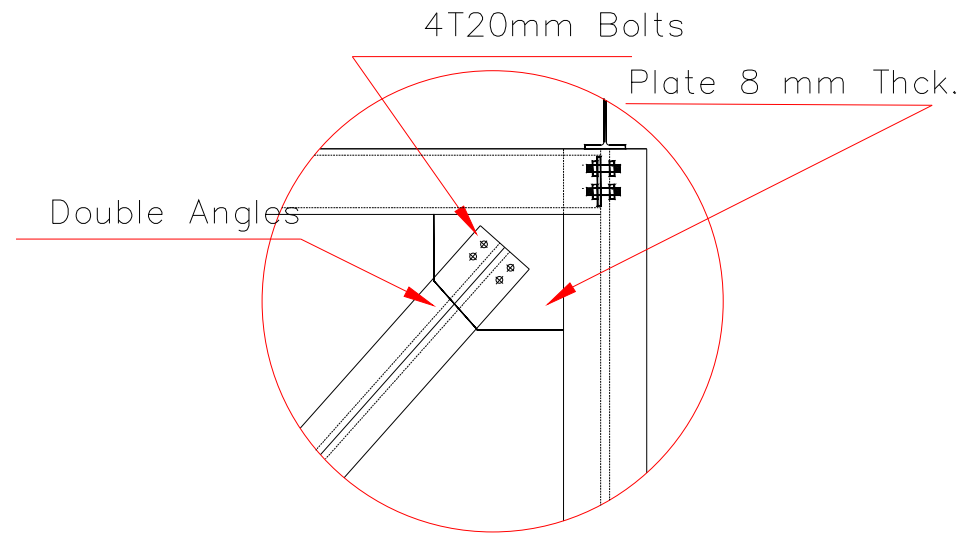
Designed by : Eng. HASHIM M. HAMID from GOSHEN/DEE
Checked by : Prof. Siddig E. Ahmed / Eng. Hagos Tadesse GOSHEN/DEE
Reviewed by : Eng. Mohamed I. Khalil IOM
Approved by : Eng. FATHI MOHAMMED IOM

Drawing Title: Elevated Tank Tower Details Section and Plan for Sinja Hospital
SHEET NO. 02

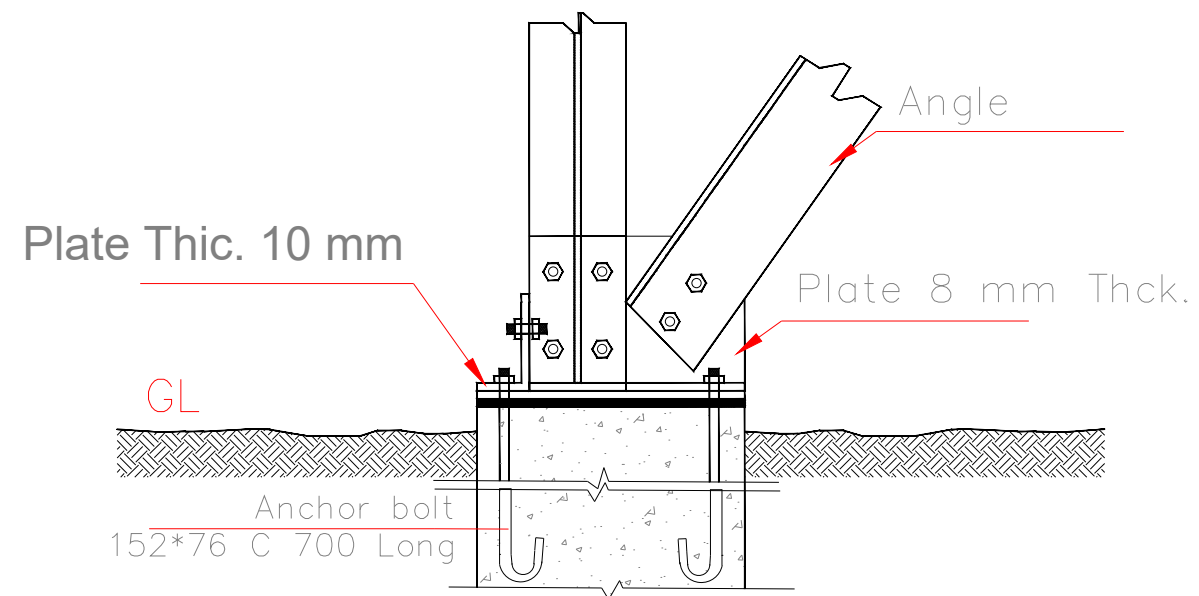
Plan



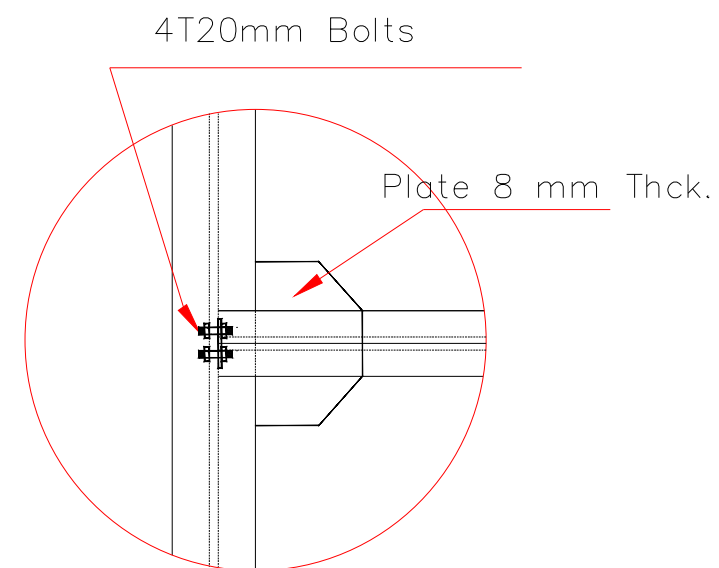
Det.1



Det.3



Det.2



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Reviewed by : Eng. Mohamed I. Khalil IOM

Approved by : Eng. FATHI MOHAMMED IOM

Drawing Titel.

Tower Plan and Structural Details
for Sinja Hospital

SHEET
NO.

04

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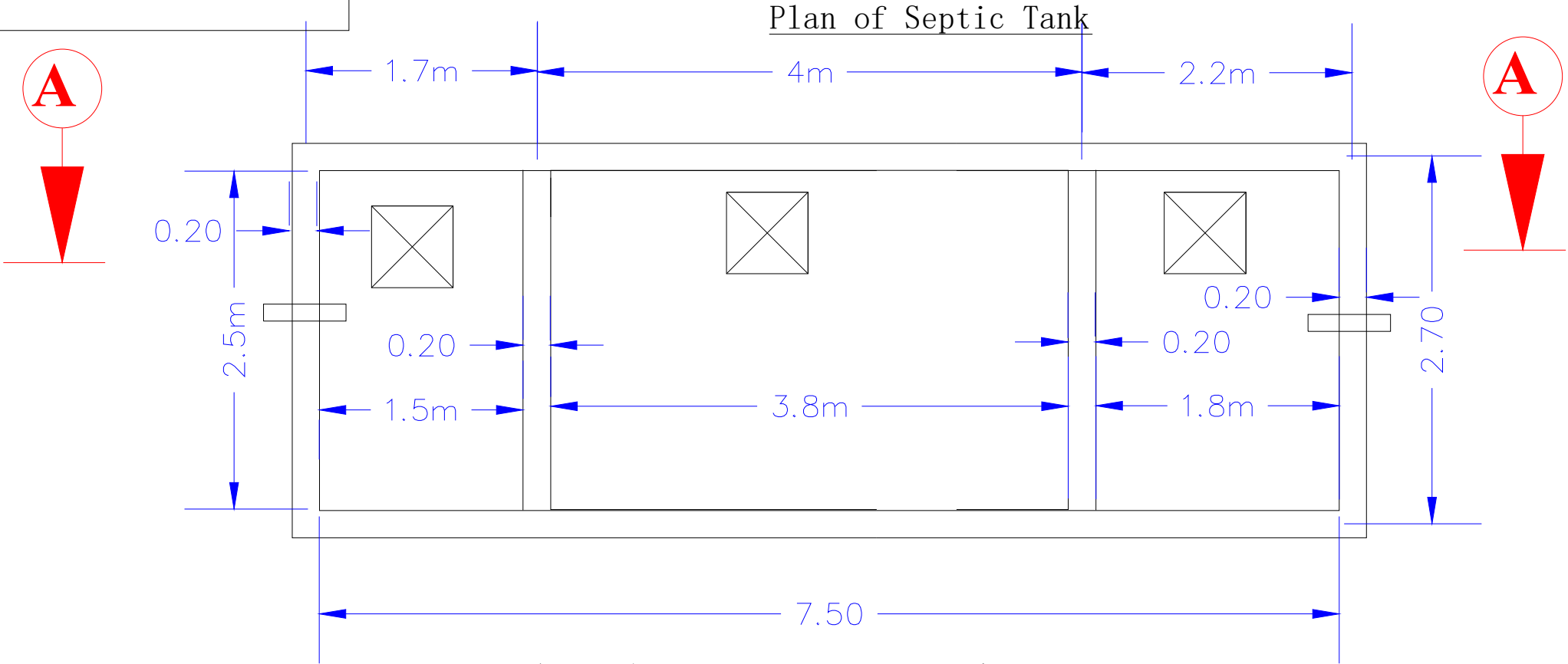
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Ref.	Date.	Description	Approval

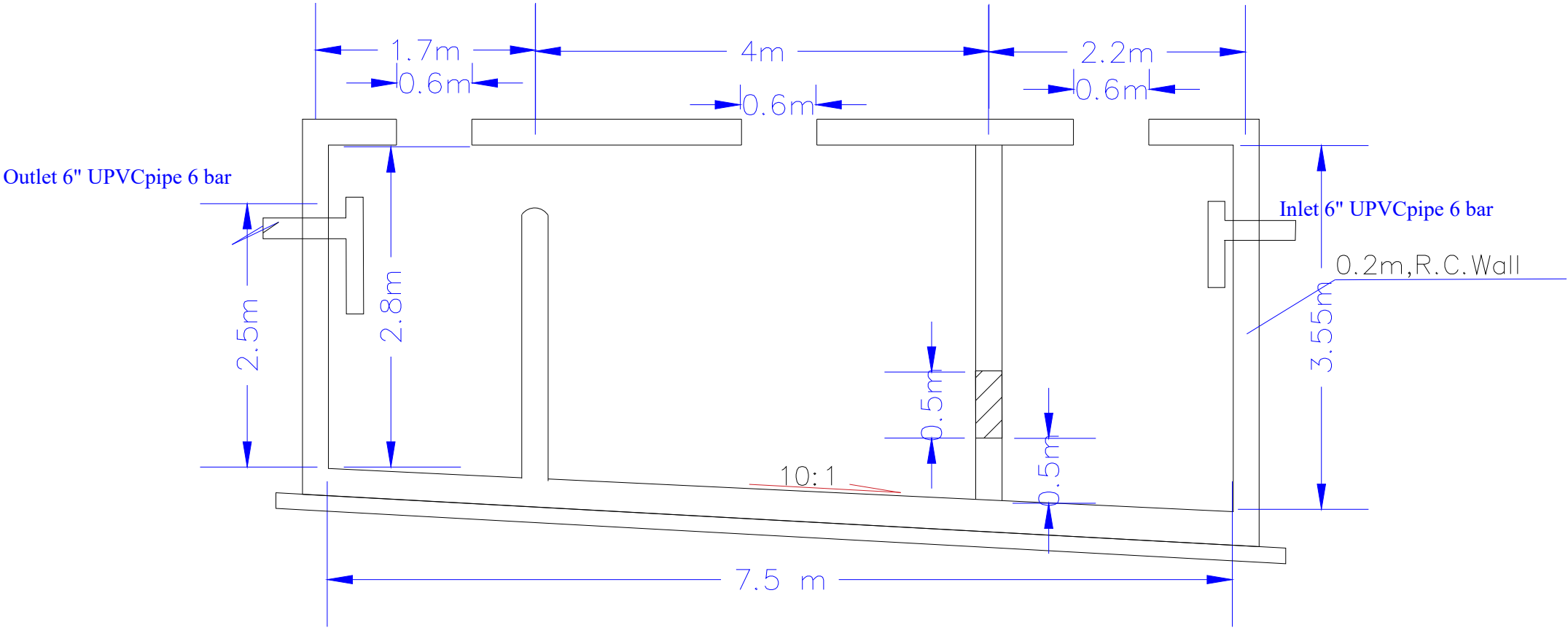
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Approved by : Eng. FATHI MOHAMMED IOM

Drawing Titel.	SHEET NO.
Plan and Section of Septic Tank for Sinja Hospital	05

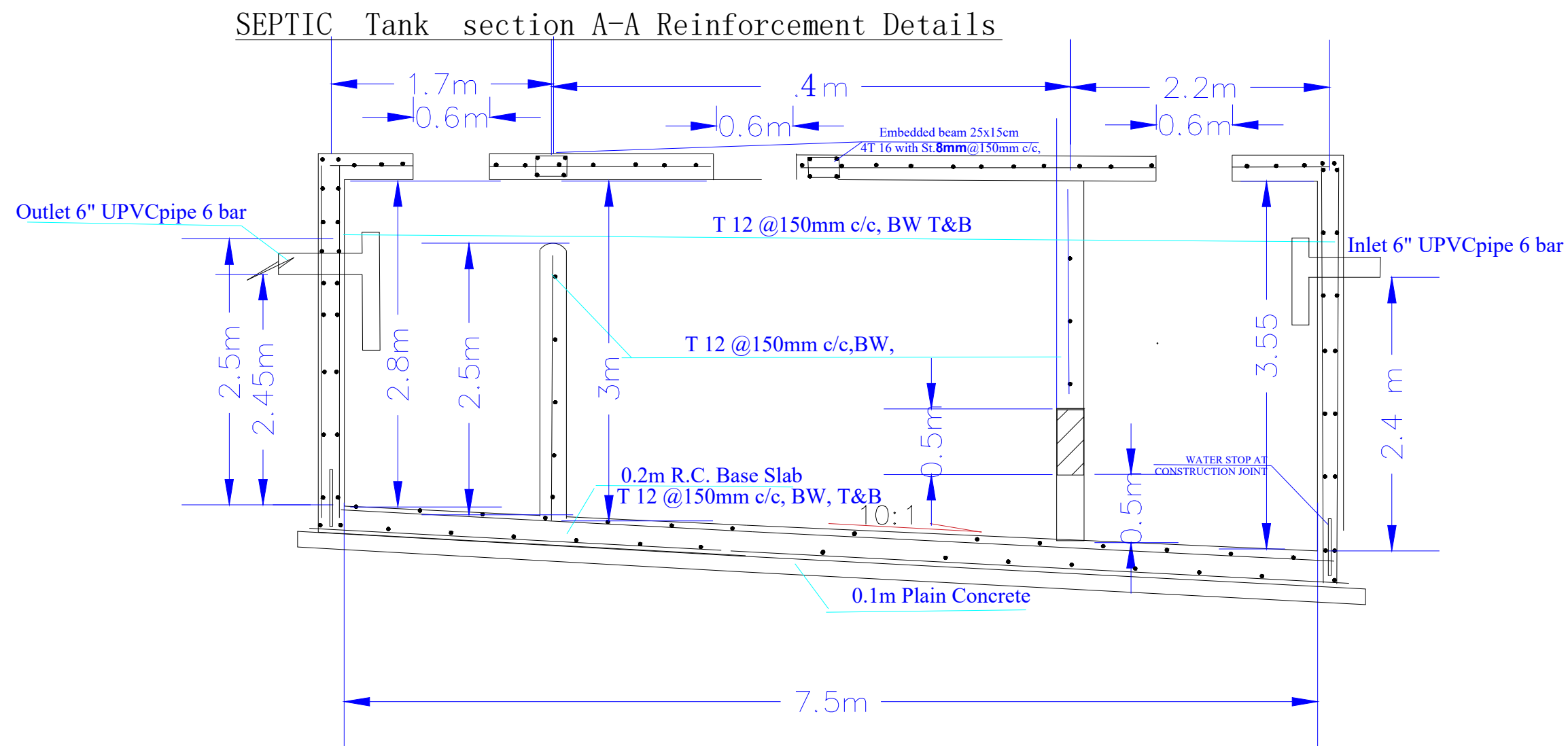
PLAN OF SEPTIC TANK



Septic Tank and Reinforcement Details Section A-A



PLAN OF SEPTIC TANK



Notes :

- 1 - The Thickness of the Base Plate = 400 mm
- 1 - The Thickness of the Slab & Walls = 300 mm
- 2 - Yield Strength For Steel $F_y = 410 \text{ N/mm}^2$.
- 3 - Compressive Crushing Strength For Concrete $F_{cu} = 35 \text{ N/mm}^2$.
- 4 - Cover For Main Reinf = 50 mm.
- 5 - All The Spacings between bars in mms.
- 6 - Lap Length of Reinf. in Tension & Compression = $55 \times \text{Diameter}$.

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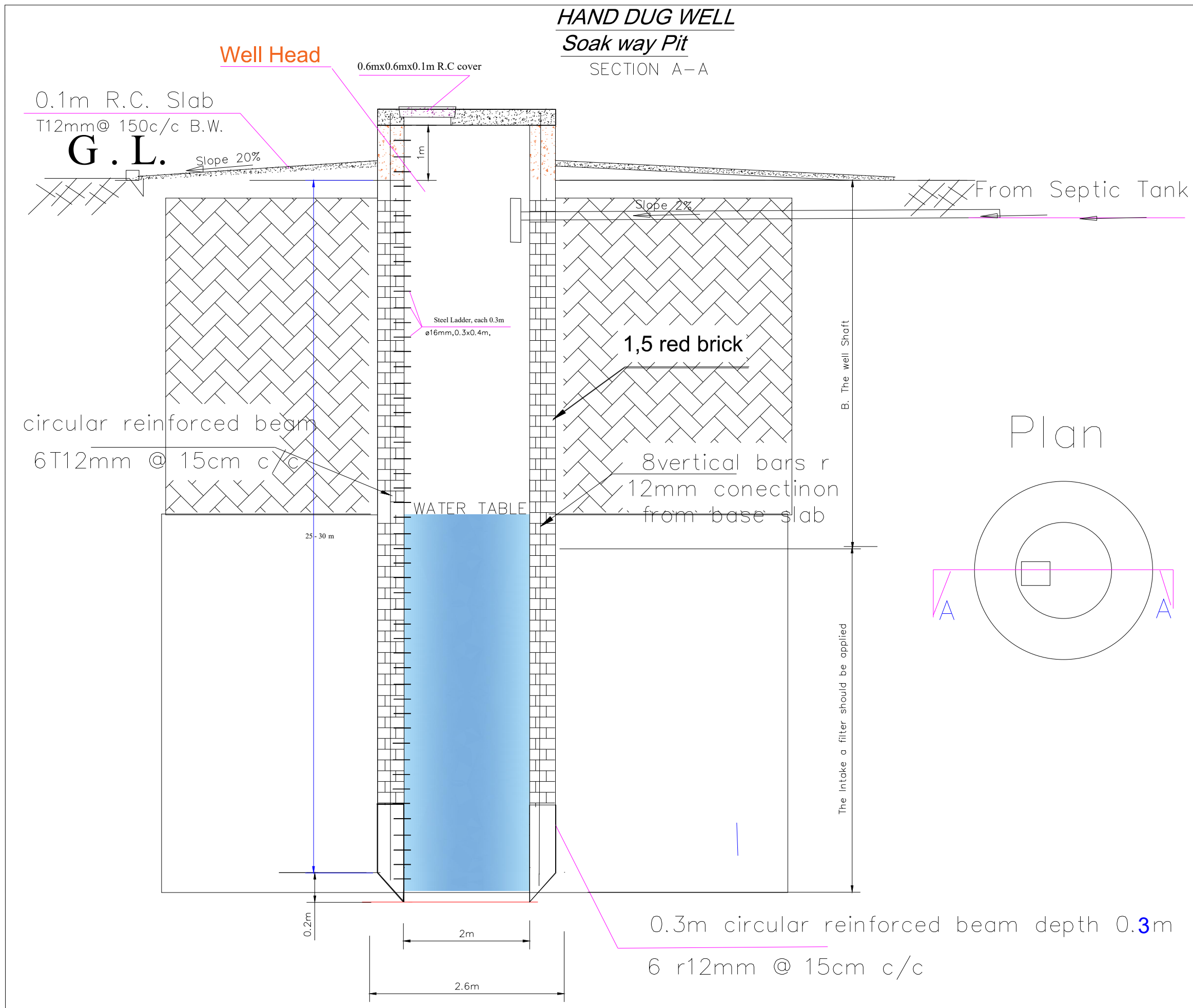
Reviewed by : Eng. Mohamed I. Khalil IOM

Approved by.: Eng. FATHI MOHAMMED IOM

Drawing Titel.

Septic Tank section A-A
Reinforcement Details for Sinja Hospital

SHEET
NO.
06



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Project Title:	Sudan Integrated Social Sector Infrastructure Rehabilitation Project (SISSIR)	Project Implemented by :	International Organization For migration (IOM Sudan)

Ref.	Date.	Description	Approval

Designed by.: Eng. HASHIM M. HAMID from GOSHEN/DEE

Checked by : Prof. Siddig E. Ahmed / Eng. Hagos Tadesse GOSHEN/DEE

Reviewed by : Eng. Mohamed I. Khalil IOM

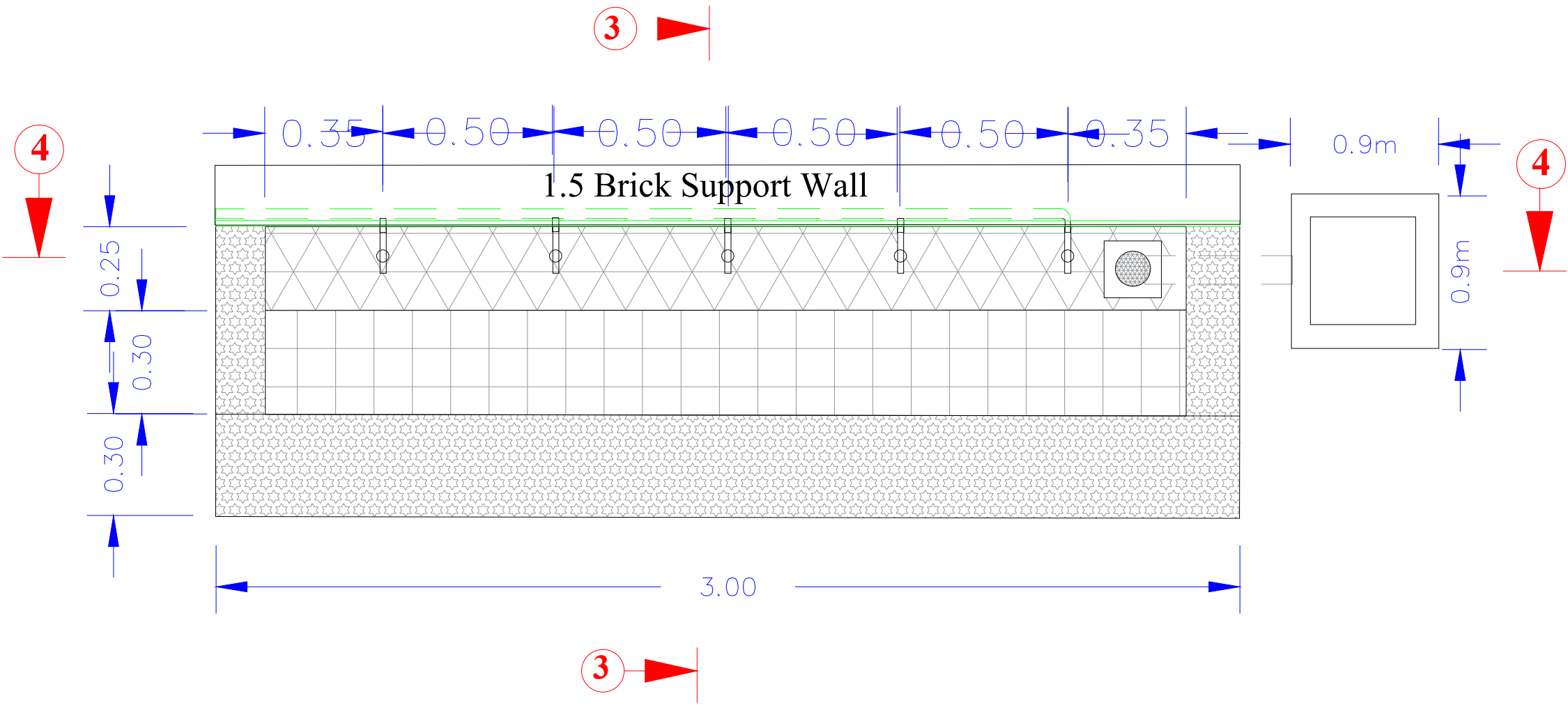
Approved by.: Eng. FATHI MOHAMMED IOM

Drawing Titel.

PLAN AND SECTION
HAND DUG WELL, SOAK AWAY PIT
FOR SIALA HOSPITAL

SHEET
NO.
07

PLAN



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	Project Implemented by : International Organization For migration (IOM Sudan)

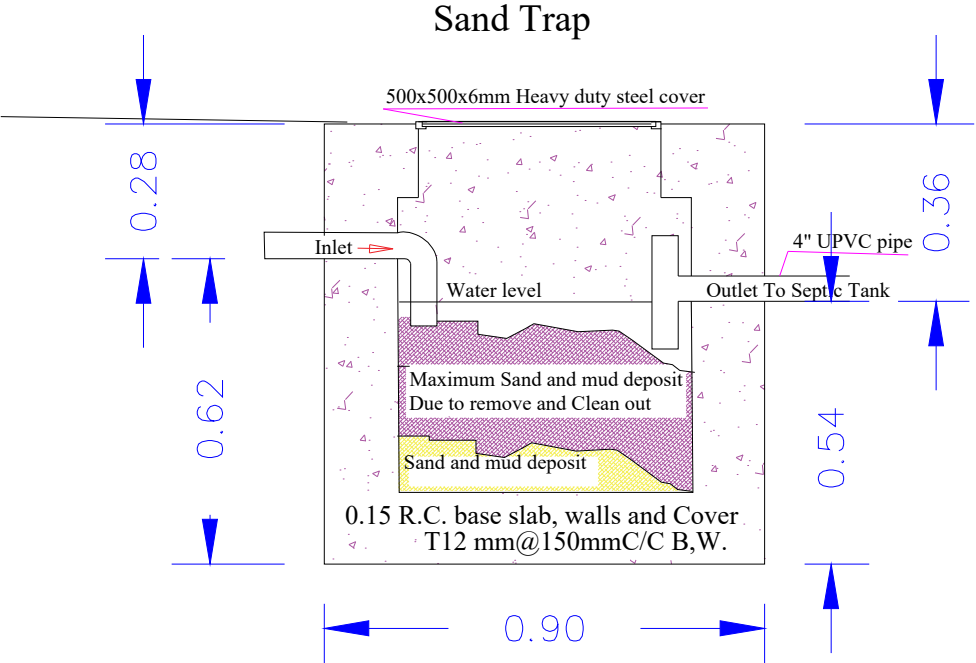
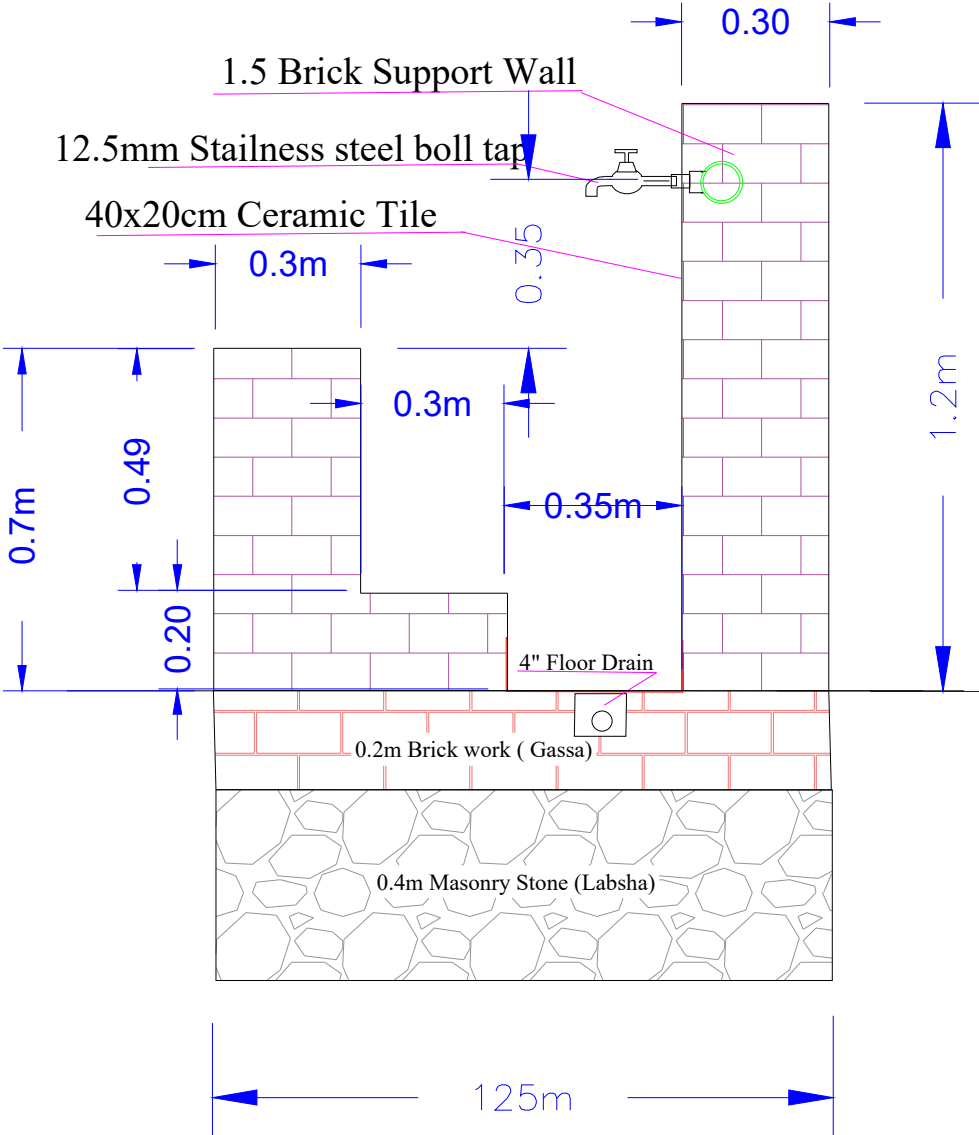
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Reviewed by : Eng. Mohamed I. Khalil IOM
Approved by : Eng. FATHI MOHAMMED IOM

Drawing	Titel.	SHEET NO.
Ablution Plan Details for Sinja Hospital		08

Section 3-3 and Sand Trab Details

D10



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	Project Implemented by : International Organization For migration (IOM Sudan)

Ref.	Date.	Description	Approval

Designed by : Eng. HASHIM M. HAMID from GOSHEN/DEE

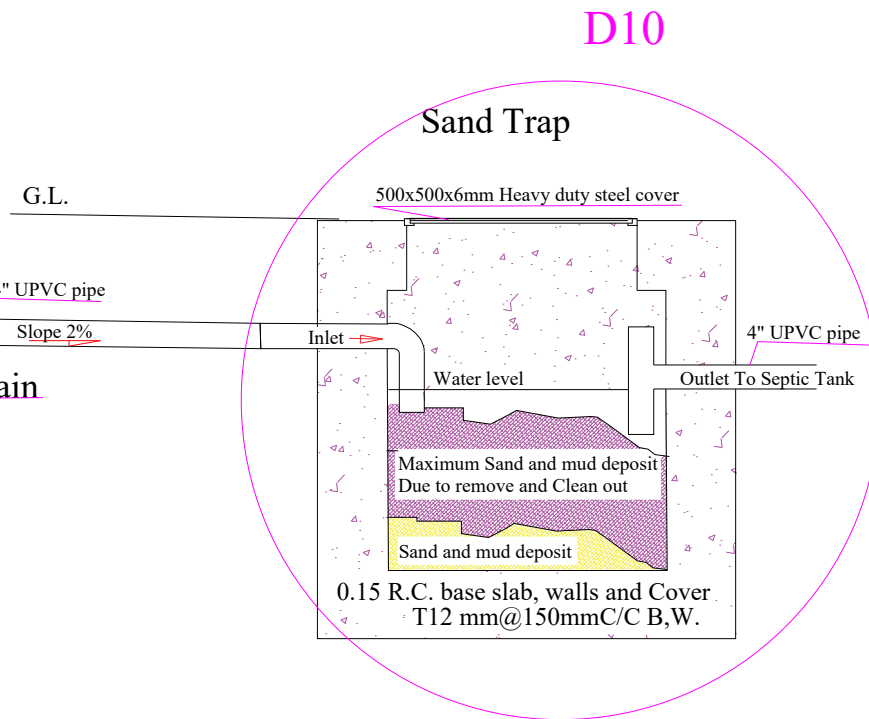
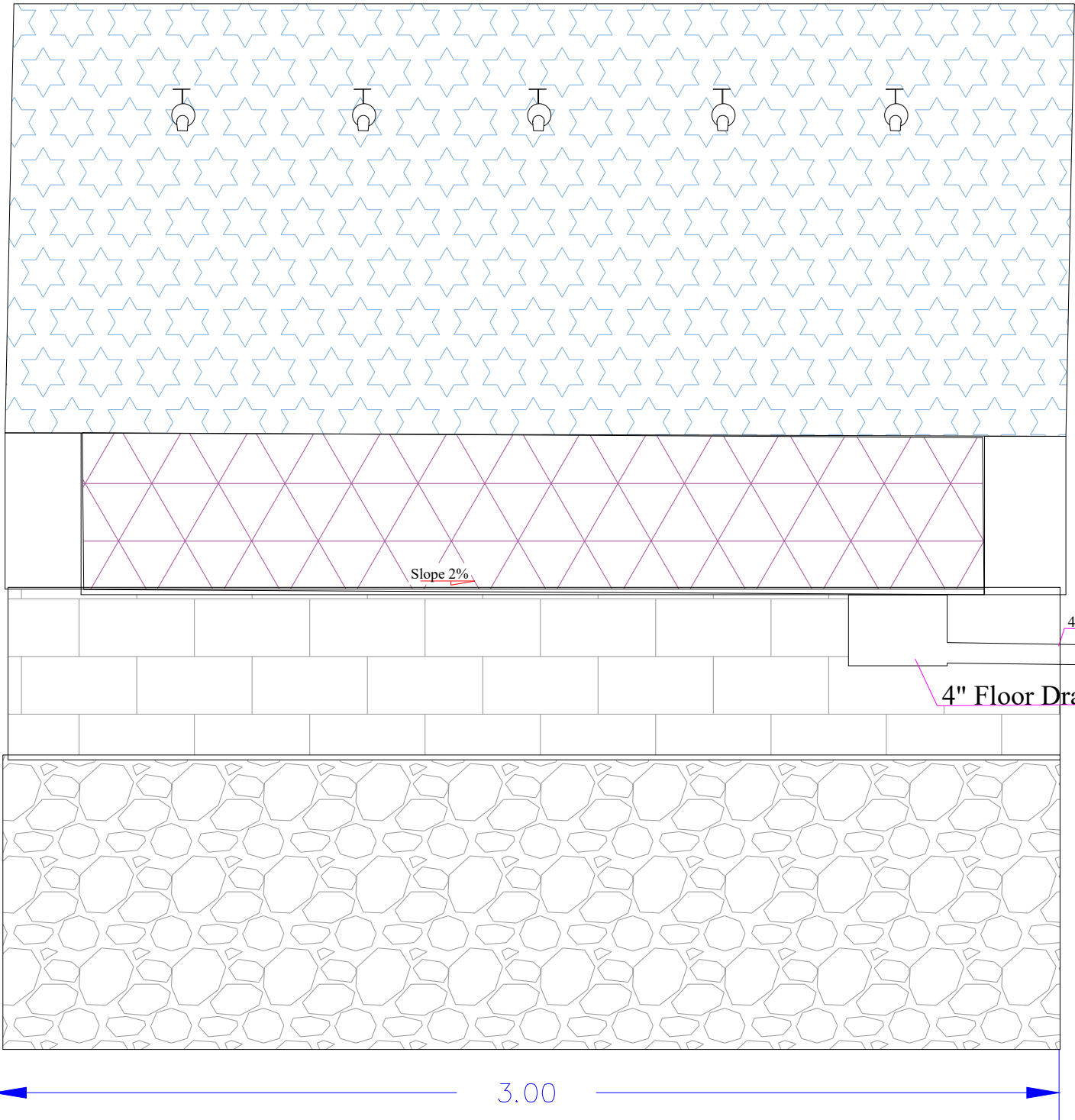
Checked by : Prof. Siddig E.Ahmed / Eng. Hagos Tadesse GOSHEN/DEE

Reviewed by : Eng. Mohamed I. Khalil IOM

Approved by : Eng. FATHI MOHAMMED IOM

Drawing Titel.	SHEET NO.
Ablution Section 1-1 Details for Sinja Hospital	09

Ablution section 4-4 Details



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Reviewed by : Eng. Mohamed I. Khalil IOM

Approved by : Eng. FATHI MOHAMMED IOM

Drawing Titel.

Ablution section 4-4 Details for Sinja Hospital

SHEET NO.

10