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International Organization For Migration (IOM Sudan)



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Project Title:

Sudan Integrated Social Sector Infrastructure Rehabilitation Project (SISSIR)

Rehabilitation of Tandalti Hospital **Drawing Album**



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Project Title:

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Rehabilitation Project
(SISSIR)

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[illegible]

Designed by. :	Mohamed Hamza
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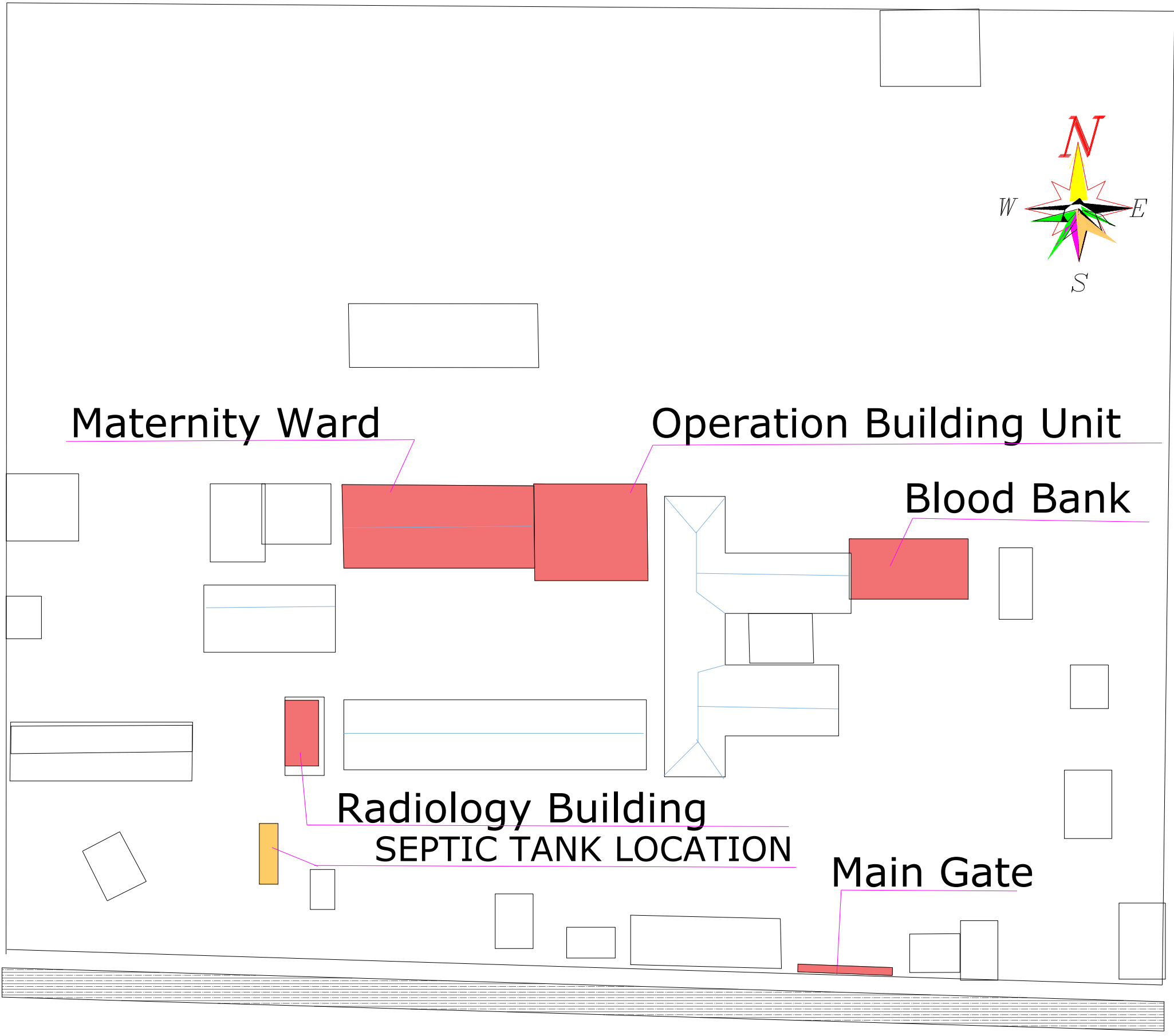
Reviewed by : Eng. Mohamed I. Khalil

Approved by: **Eng. FATHI MOHAMMED**

	Drawing Titel.
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Signboard

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Sudan Integrated Social Sector Infrastructure Rehabilitation Project (SISSIR)

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Reviewed by: Eng. Mohamed I. Khalil

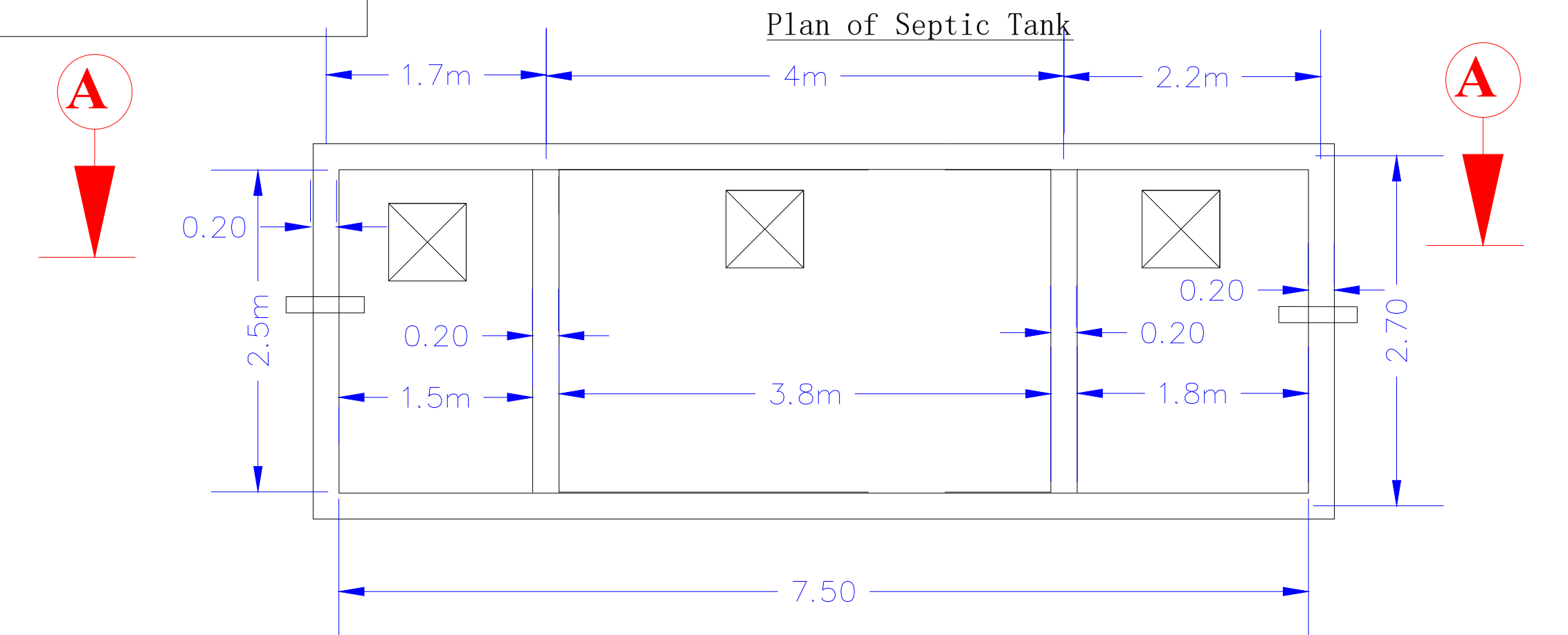
Approved by: Eng. FATHI MOHAMMED

Drawing Titel. General Layout Plan for Tandalti Hospital

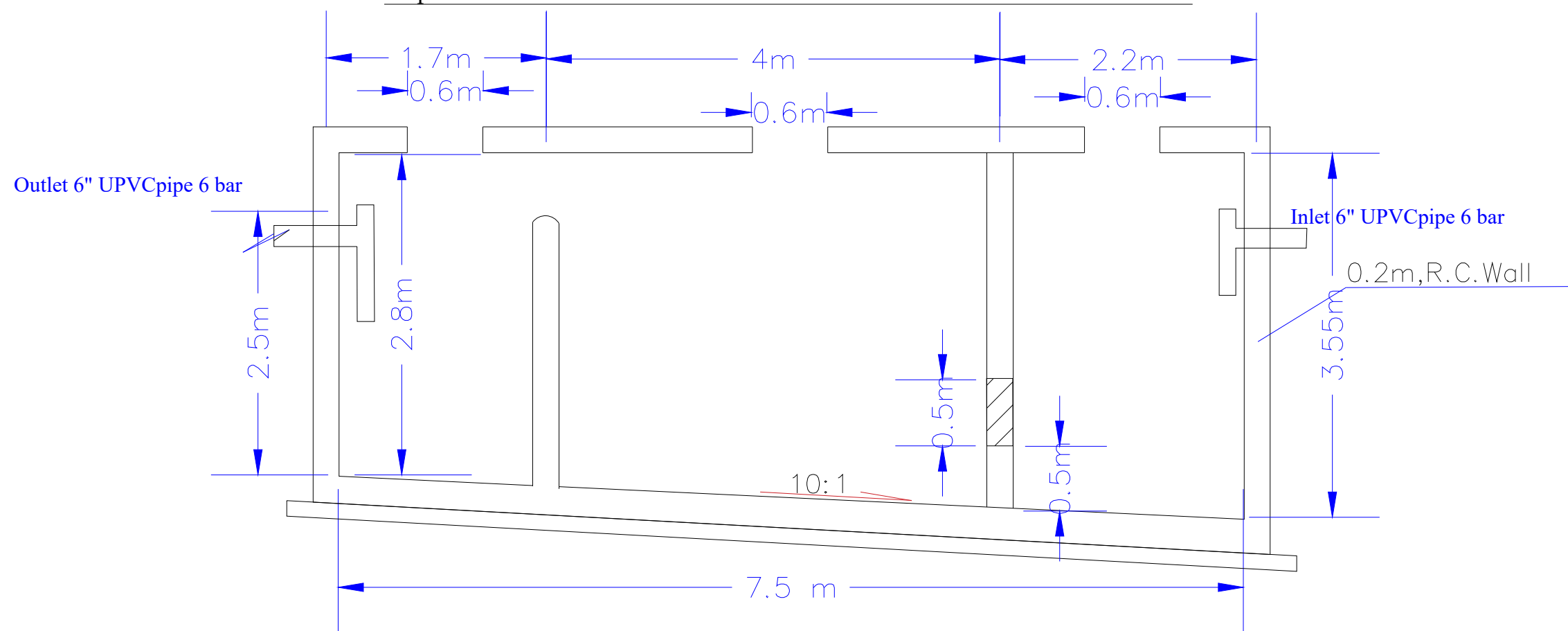
SHEET NO.

01

PLAN OF SEPTIC TANK



Septic Tank and Reinforcement Details Section A-A



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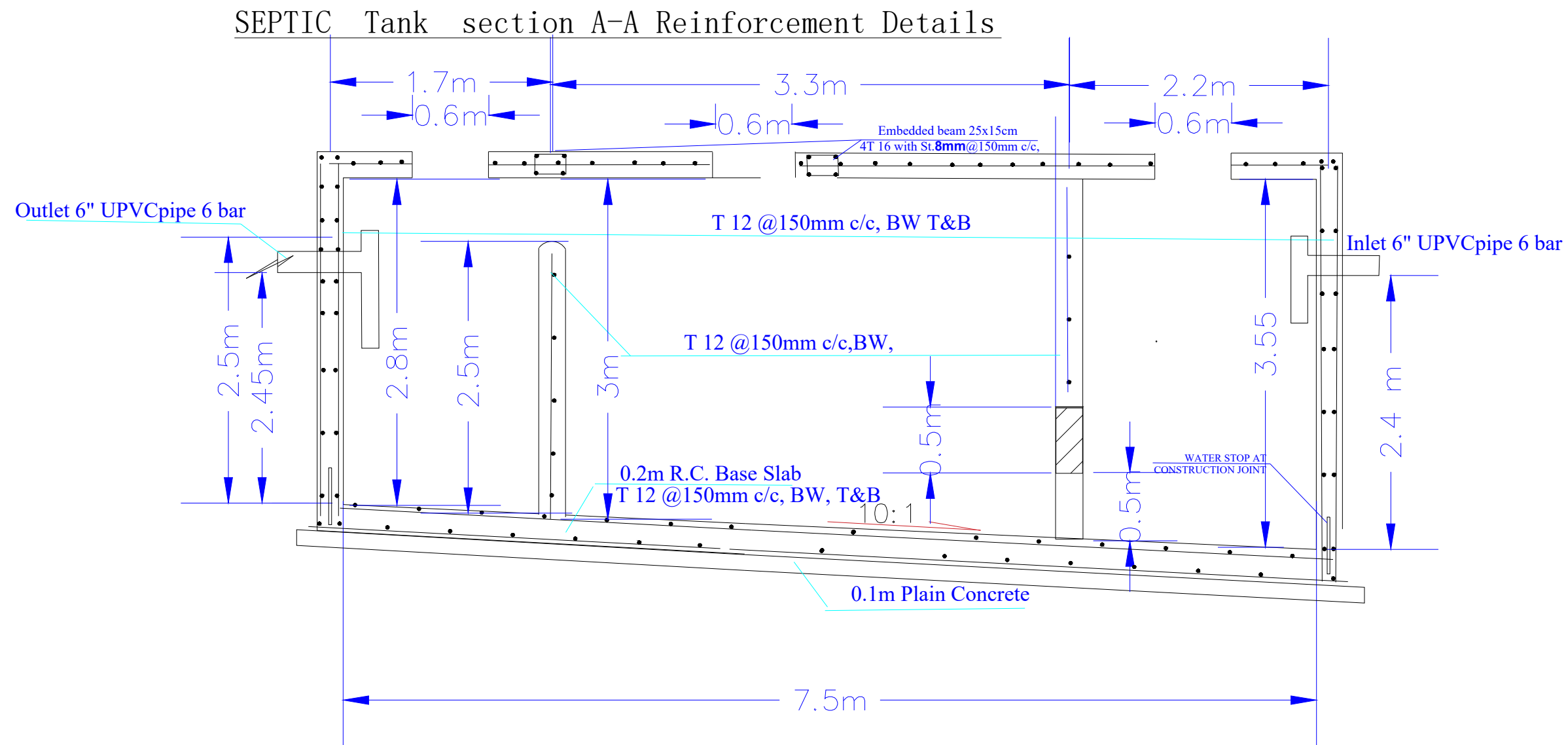
Approved by: Eng. FATHI MOHAMMED IOM

Drawing Titel.

Plan and Section of Septic Tank for Tandalti Hospital

SHEET
NO.
02

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.	
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SEPTIC Tank section A-A
Reinforcement Details for Tamdalti Hospital

SHEET
NO.
03