1. Material Specification
   - Grade of Structural Concrete
     - C-25 (Cube characteristics strength of 25 MPa) for columns and beams;
     - C-20 (Cube characteristics strength of 20 MPa) for floor slab
   - Concrete reinforcement bar
     - Grade 460 (Characteristics yield strength of $f_y = 460$ MPa)
   - Durability Requirements
     - Concrete Cover to Reinforcement
       - Floor slabs: 25mm;
       - Beams: 38mm
       - Columns: 38mm
       - All substructure (below ground level): 50mm

2. The tank shall be of water tight construction rendered with water-proofed powder or other approved materials.

3. Masonry walls can be used instead of blocks.

4. All dimensions are in millimeters unless indicated.

5. Walls should be in clay bricks.

UNDP - SOUTH SUDAN
REHABILITATION OF SANITARY FACILITY (LATRINE)
AT TOBIT STATE HOSPITAL

DOOR AND VENTILATION SCHEDULE

DOOR

VENTILATION OPENING

LINKS & MAIN BAR

RING BEAM AT TOP OF OPENINGS

GROUND BEAM

DOOR SCHEDULE

V1 (2)
V2 (2)
D2 (1)
D1 (3)

PLANT DETAILS

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NOTES:

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DRAWING TITLE
PLAN, FDN. LAYOUT, DOOR SCHEDULES

DRAWING SCALE
1:100

UNDP

PROJECT:
REHABILITATION OF SANITARY FACILITY (LATRINE)
AT TOBIT STATE HOSPITAL

ARCHITECT:

DESIGNER:

REVISION:
PLAN, FDN. LAYOUT, DOOR SCHEDULES

NOTES:

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED

WALLS SHOULD BE IN CLAY BRICKS

MASS OR REINFORCED CONCRETE WALL CAN BE USED INSTEAD OF BLOCKS
SOIL PERMEABILITY MUST BE CONDUCTED AT SITE.

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REHABILITATION OF SANITARY FACILITY (LATRINE)
AT TORIT STATE HOSPITAL

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED
2. WALLS SHOULD BE IN CLAY BRICKS
3. THE TANK SHALL BE OF WATER TIGHT CONSTRUCTION RENDERED WITH WATER PROOFED POMPEY OR OTHER APPROVED MATERIALS
4. MASS OR REINFORCED CONCRETE WALL CAN BE USED INSTEAD OF BLOCKS

PROJECT:
REHABILITATION OF SANITARY FACILITY (LATRINE)
AT TORIT STATE HOSPITAL

IMPLEMENTED BY
UNDP - SOUTH SUDAN
DESIGNED BY:

DRAWING TITLE
PLAN, FDN. LAYOUT, SLAB, DOOR SCHEDULES
DRAWING SCALE
1:100

REVISION:
A3.02