SOIL PERMEABILITY MUST BE CONDUCTED AT SITE.

UNDP REVISION:

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 POWDER OR OTHER APPROVED MATERIALS

4. MASS OR REINFORCED CONCRETE WALL CAN BE USED INSTEAD OF BLOCKS

IMPLEMENTED BY UNDP - SOUTH SUDAN

DESIGNED BY:

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

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

2. Foundation footing
   - 100 mm thick reinforced slab with wire mesh A142

3. Ground and Mid Beams Plan Layout
   - Ground and Mid Beams Plan Layout
   - Foundation Footing Plan Layout
   - Door and Ventilation Schedule
   - Links & Main Bar
   - Mid and Lintel Beams
   - Ground Beam
3341
2400
200
450
28 gauge iron sheets
PVC fascia board 75x50mm thick well seasoned hardwood purlin
100x50mm thick well seasoned hardwood rafter
100x75mm thick well seasoned hardwood wall plate
150 mm brick wall
150 X 200 mm ring beam
D2
200 mm brick wall
100mm thick concrete over site slab
Main rebar 3-T12
Distr. rebars T12 - 200 c/c
450mm thick hardcore
25mm thick damp proof
D1
150 mm brick wall
200 mm brick wall
Distr. rebars T12 - 200 c/c
All dimensions are in millimeters unless indicated
The tank shall be of water tight construction rendered with water proofed powder or other approved materials
Mass or reinforced concrete wall can be used instead of blocks
UNDP - SOUTH SUDAN
REVISION:
NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED
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5. WALLS SHOULD BE IN CLAY BRICKS
PROJECT:
REHABILITATION OF SANITARY FACILITY (LATRINE)
AT BOR STATE HOSPITAL
IMPLEMENTED BY
UNDP - SOUTH SUDAN
DESIGNED BY:
LAYOUT ID
A3.02
DRAWING SCALE
1:100
DRAWING TITLE
PLAN, FDN. LAYOUT, SLAB
POMPEY
VENTILATION
REAR ELEVATION
LEFT ELEVATION
FRONT ELEVATION
RIGHT ELEVATION
D1
D2
SOIL PERMEABILITY MUST BE CONDUCTED AT SITE.

1. WALLS SHOULD BE IN CLAY BRICKS.
2. THE TANK SHALL BE OF WATER TIGHT CONSTRUCTION RENDERED WITH WATER PROOFED POWDER OR OTHER APPROVED MATERIALS.
3. MASONRY OR REINFORCED CONCRETE WALL CAN BE USED INSTEAD OF BLOCKS.
4. MASS OR REINFORCED CONCRETE WALL CAN BE USED INSTEAD OF BLOCKS.

REV: 1:100

A3.03