SOIL PERMEABILITY MUST BE CONDUCTED AT SITE.

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 slab.
   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.

UNDP - SOUTH SUDAN
REHABILITATION OF SANITARY FACILITY (LATRINE)
AT GUREI PHC

LINKS & MAIN BAR

GROUND AND MID BEAMS PLAN LAYOUT

DOOR AND VENTILATION SCHEDULE

DOOR

VENTILATION OPENING

DOOR SCHEDULE

WALLS SHOULD BE IN CLAY BRICKS.

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.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED.

IMPLEMENTED BY UNDP - SOUTH SUDAN
DESIGNED BY LAYOUT ID A3.01
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
150 mm brick wall
450mm thick hardcore
25mm thick damp proof
200 mm brick wall
Distr. rebars T12 - 200 c/c

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MASS OR REINFORCED CONCRETE WALL CAN BE USED INSTEAD OF BLOCKS

PROJECT:
REHABILITATION OF SANITARY FACILITY (LATRINE)
at Gurei PHCC

IMPLEMENTED BY
UNDP - SOUTH SUDAN
DESIGNED BY:

REVISION:

NOTES:
1 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED
2 SOIL PERMEABILITY MUST BE CONDUCTED AT SITE
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

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

SECTION X-X
VENTILATION
LEFT ELEVATION
POMPEY
FRONT ELEVATION
RIGHT ELEVATION
D1
D2
SOIL PERMEABILITY MUST BE CONDUCTED AT SITE.

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

FABRICATED MESH WITH Y12 REBARS

FABRICATED MESH WITH Y12 REBARS

FABRICATED MESH

GROUND BEAM

150 MM THICK CONCRETE SLAB OF MIX 1:3:6 OR MAY BE REINFORCED WITH Y10 REBARS AT 150MM C/C

150 MM THICK CLAY BRICK WALL

200 MM THICK CLAY BRICK WALL

690 X 230 MM FOOTING

DOOR (2)

DOOR FOR LOADING

DOOR FOR ASH REMOVAL

PROJECT:

REHABILITATION OF SANITARY FACILITY (LATRINE)

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REVISION:

1:100

SLAB, DOOR SCHEDULES

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UNDP - SOUTH SUDAN

DESIGNED BY:

LAYOUT ID

DRAWING SCALE

DRAWING TITLE