SOIL PERMEABILITY MUST BE CONDUCTED AT SITE.

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

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

IMPLEMENTED BY
UNDP - SOUTH SUDAN

DESIGNED BY:
LAYOUT ID
A3.01

DRAWING SCALE
1:100

DRAWING TITLE
PLAN, FDN. LAYOUT, SLAB, DOOR SCHEDULES

STRUCTURAL NOTES:
1. MATERIAL SPECIFICATION
   A. 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 slabs
   B. CONCRETE REINFORCEMENT BAR
      - GRADE 460 (Characteristics yield strength of fyk = 460 MPa)
2. DURABILITY REQUIREMENTS
   A. CONCRETE COVER TO REINFORCEMENT
      - FLOOR SLABS: 25mm;
      - BEAMS: 38mm
      - COLUMNS: 38mm
      - ALL SUBSTRUCTURE (BELOW GROUND LEVEL): 50mm

GROUND AND MID BEAMS PLAN LAYOUT

FOUNDATION FOOTING PLAN LAYOUT

LINKS & MAIN BAR

GROUND BEAM

DOOR AND VENTILATION SCHEDULE
SECTION X-X

- 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
- 200 mm brick wall
- 450mm thick hardcore
- 25mm thick damp proof
- 450mm thick hardcore
- 150 mm brick wall
- Distr. rebars T12 - 200 c/c
- 255mm thick backwall

REAR ELEVATION

- VENTILATION

LEFT ELEVATION

- 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

FRONT ELEVATION

- LADY
- PWD
- GENT
- POMPEY

RIGHT ELEVATION

- 75x50mm thick well seasoned hardwood purlin
- PVC fascia board
- 100x50mm thick wall seasoned hardwood rafter
- 100x75mm thick wall seasoned hardwood wall plate
- 150 mm brick wall
- 150 X 200 mm ring beam

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- ATM RUMBEK STATE HOSPITAL

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DRAWING TITLE:
- PLAN, FDN. LAYOUT, SLAB

DRAWING SCALE:
- 1:100

LAYOUT ID:
- A3.02

REVISION:
- 1.00

REVISION:
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SOIL PERMEABILITY MUST BE CONDUCTED AT SITE.

1. THE TANK SHALL BE OF WATER TIGHT CONSTRUCTION RENDERED WITH WATER PROOFED POWDER OR OTHER APPROVED MATERIALS
2. MASS OR REINFORCED CONCRETE WALL CAN BE USED INSTEAD OF BLOCKS
3. LINKS & MAIN BARS
   - 2Ø12 @ 200 L = 700
   - 4Ø12 @ 200 L = 700
   - 5Ø10 C/C 200
4. BASE BEAM
   - SLAB 150 MM THICK CONCRETE SLAB OF MIX 1:3:6 OR MAY BE REINFORCED WITH Y12 REBARS AT 200 MM C/C
5. WALLS SHOULD BE IN CLAY BRICKS
6. DOOR (2)