SOIL PERMEABILITY MUST BE CONDUCTED AT SITE.

UNDP - SOUTH SUDAN
REHABILITATION OF SANITARY FACILITY (LATRINE)
AT YEI CIVIL HOSPITAL

DESIGNED BY

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
5. WALLS SHOULD BE IN CLAY BRICKS

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

PROJECT: REHABILITATION OF SANITARY FACILITY (LATRINE) AT YEI CIVIL HOSPITAL

DESCRIPTION OF MATERIALS:
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 f_yk = 460 MPa)
C. Durability Requirements
   - Concrete Cover to Reinforcement
     - Floor slabs: 25mm
     - Beams: 38mm
     - Columns: 38mm
     - All substructure (below ground level): 50mm
   - All substrata (below ground level): 50mm
VENTILATION

REAR ELEVATION

LEFT ELEVATION

POMPEY

FRONT ELEVATION

RIGHT ELEVATION

SECTION X-X

VENTILATION

POMPEY

REAR ELEVATION

LEFT ELEVATION

FRONT ELEVATION

RIGHT ELEVATION

SECTION X-X