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 slab

2. Concrete reinforcement bar
   · Grade 460 (Characteristics yield strength of fyk = 460 MPa)

3. Durability Requirements
   A. Concrete Cover to Reinforcement
      · Floor slabs: 25mm
      · Beams: 38mm
      · Columns: 38mm
      · All substructure (below ground level): 50mm

4. The tank shall be of water tight construction rendered with water-proofed, powdered or other approved materials.

5. A 100 mm thick, wrought, steel sheet with a yield strength of 460 MPa can be used instead of blocks.
**VENTILATION**

**REAR ELEVATION**

**POMPEY**

**FRONT ELEVATION**

**LEFT ELEVATION**

**RIGHT ELEVATION**

**SECTION X-X**

- **28 gauge iron sheets**
- **75x50mm thick well seasoned hardwood purlin**
- **75x75mm thick well seasoned hardwood rafter**
- **150 mm brick wall**
- **100x50mm thick well seasoned hardwood rafter**
- **100x75mm thick well seasoned hardwood wall plate**
- **150 mm brick wall**
- **200 mm brick wall**
- **25mm thick damp proof**
- **450mm thick hardcore**
- **D2**
- **D1**
- **200 mm brick wall**
- **Distr. rebars T12 - 200 c/c**
- **150 mm brick wall**
- **150 mm brick wall**
- **100mm thick concrete over site slab**

**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 waterproofed powder or other approved materials.
4. Masonry or reinforced concrete wall can be used instead of blocks.
5. Walls should be in clay bricks.
6. Plan, Fdn. Layout, Slab: 1:100
SOIL PERMEABILITY MUST BE CONDUCTED AT SITE.

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.

WALLS SHOULD BE IN CLAY BRICKS.

DOOR (2)

GROUND BEAM

FABRICATED MESH WITH Y12 REBARS

200 MM THICK CLAY BRICK WALL

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

FABRICATED MESH

2630

DOOR FOR ASH REMOVAL

DOOR FOR LOADING

REAR & SIDE ELEVATIONS

FRONT ELEVATION

PLAN VIEW

SECTION R-R

FABRICATED MESH

DOOR (2)

REHABILITATION OF SANITARY FACILITY (LATRINE) AT NIMULE BORDER ENTRY POINT

200 MM THICK CONCRETE SLAB

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

150 MM THICK CONCRETE SLAB OF