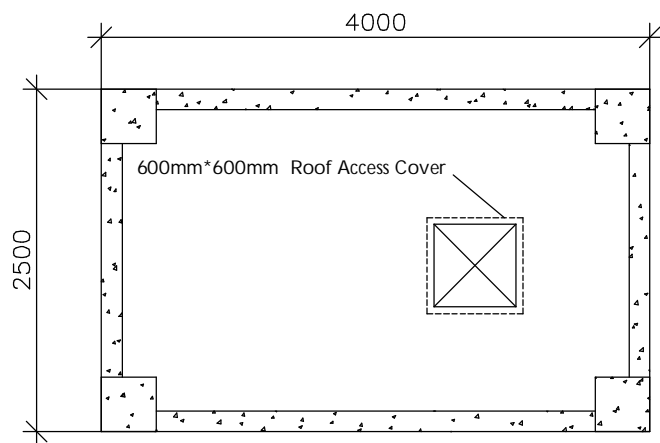
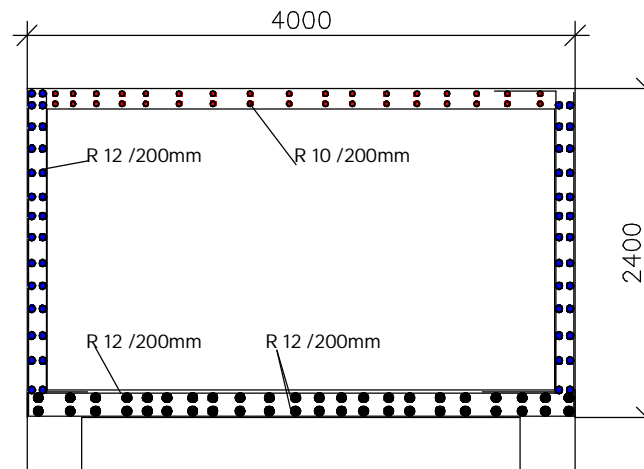


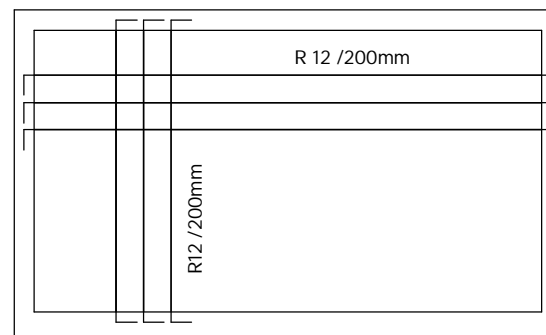
SLAB PLAN DETAIL



TOPVIEW



SECTION C-C



WATER TANK SIDE
ELEVATION DETAIL

NOTES

GENERAL

1. ALL DIMENSIONS IN (mm)
2. GRID SETTING OUT DIMENSIONS TO BE CONFIRMED BY ENGINEER
3. ALL STRUCTURAL WORKS TO APPROVAL OF ENGINEER

CONCRETE

6. CONCRETE MIX RATIOS TO BE AS FOLLOWS:

- (i) STRUCTURAL NORMAL CONCRETE 1: 2 : 4
- (ii) CEMENT: SAND : AGGREGATE-CLASS 20(20)
- (iii) FINISHING CONCRETE 1 : 1 1/2 : 3
- (iv) CEMENT: SAND : AGGREGATE-CLASS 15(20)

7. CONCRETE COVERS TO BE AS FOLLOWS:

- (i) ALL SUBSTRUCTURES - 50mm
- (ii) COLUMNS - 40mm
- (iii) BEAMS - 25mm
- (iv) SLABS - 15mm
- (v) B. R. C MESH - 25mm FROM TOP OF SLAB

MASONRY

10. ALL LOAD BEARING WALLS TO BE MINIMUM 200mm THICK NATURAL STONE OR CONCRETE BLOCK WITH MIN. CRUSHING STRENGTH OF 7N/mm²
11. ALL WALLS LESS THAN 200mm THICK TO BE REINFORCED WITH GAUGE 20x25mm WIDE HOOP IRON STRAPS AT EVERY ALTERNATE COURSE

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APPROPRIATIONS

F.G.L. = FINISHED GROUND LEVEL

CLIENT / EMPLOYER:

IMPLEMENTING ORGANIZATION:



ALIGHT
CAPITAL WEST 6TH FLOOR
LANTANA ROAD
WESTLANDS
NAIROBI

PROJECT TITLE:

**CONSTRUCTION OF WATER
TANK IN LOWER JUBA /
SOMALIA**

DRAWING TITLE:

**20METER CUBIC ELEVATED
WATER TANK**

(STRUCTURAL DETAILS -1)

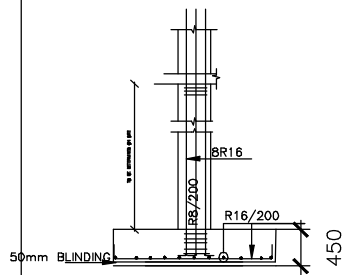
DRAWN BY: HASSAN M DAHIR

DESIGNED BY: HASSAN M DAHIR

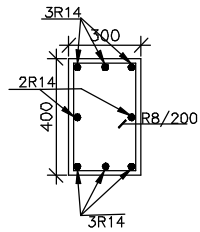
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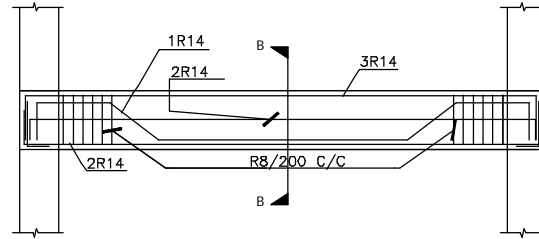
DRAWING No: ALIGHT WATER TANK



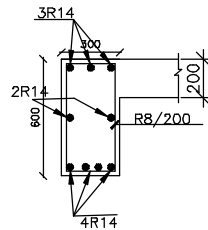
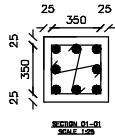
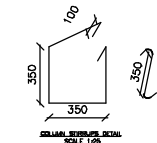
SECTION A-A BASE FOUNDATION
(4 Nos.)
SCALE 1:50



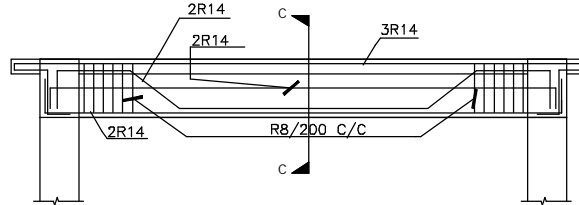
SECTION B-B
SCALE 1:25



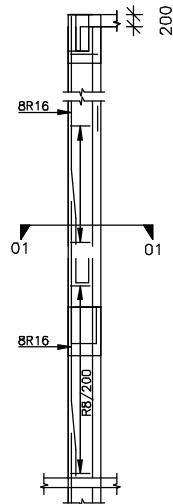
400x300 GROUND AND TIE BEAMS
SCALE 1:50



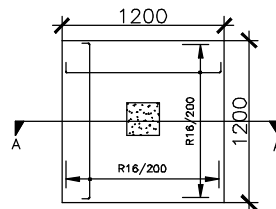
SECTION C-C
SCALE 1:25



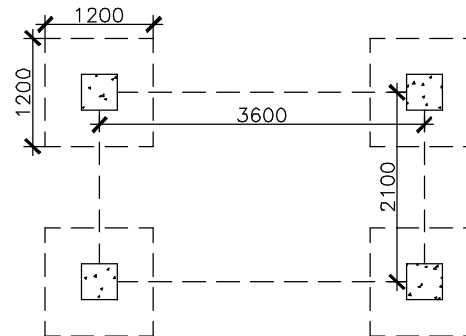
600x300 LOAD BEARING BEAM
SCALE 1:50



400X400 COLUMN
(4 Nos.)
SCALE 1:50



1200x1200x450 BASE
FOUNDATION (4 Nos.)
SCALE 1:50



FOUNDATION
(125mm THICK SLAB)
SCALE 1:100

NOTES

GENERAL

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ALIGHT
CAPITAL WEST 6TH FLOOR
LANTANA ROAD
WESTLANDS
NAIROBI

PROJECT TITLE:

**CONSTRUCTION OF WATER
TANK LOWER JUBA / SOMALIA**

DRAWING TITLE:

**20METER CUBIC ELEVATED
WATER TANK**

(STRUCTURAL DETAILS-2)

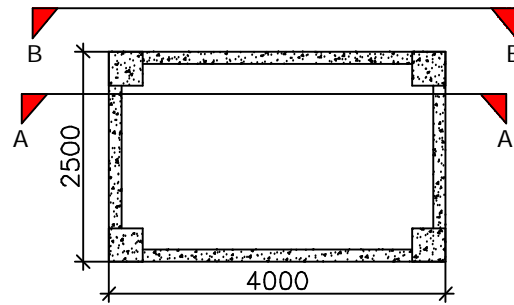
DRAWN BY: HASSAN M DAHIR

DESIGNED BY: HASSAN M DAHIR

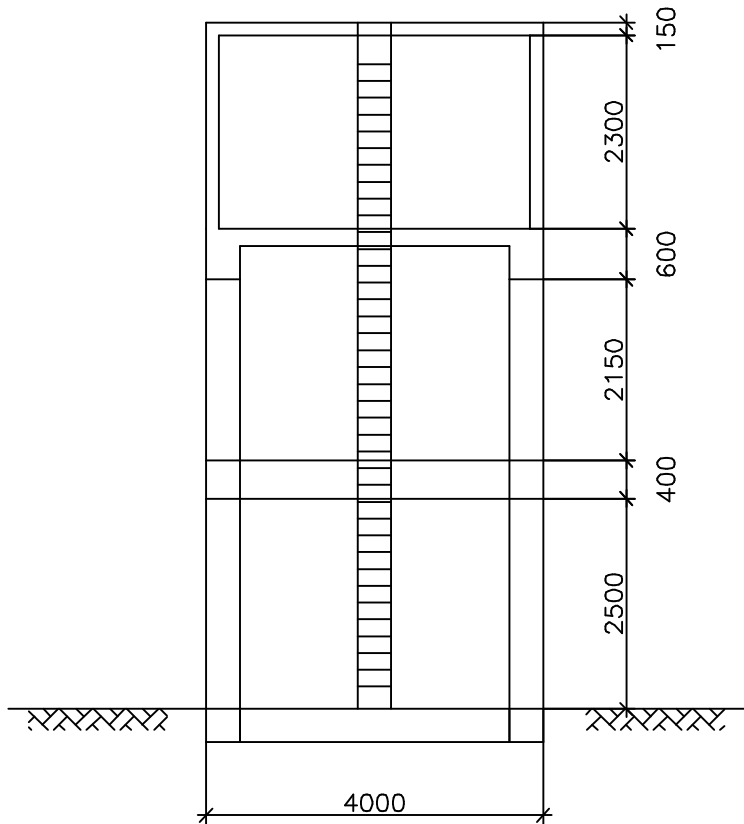
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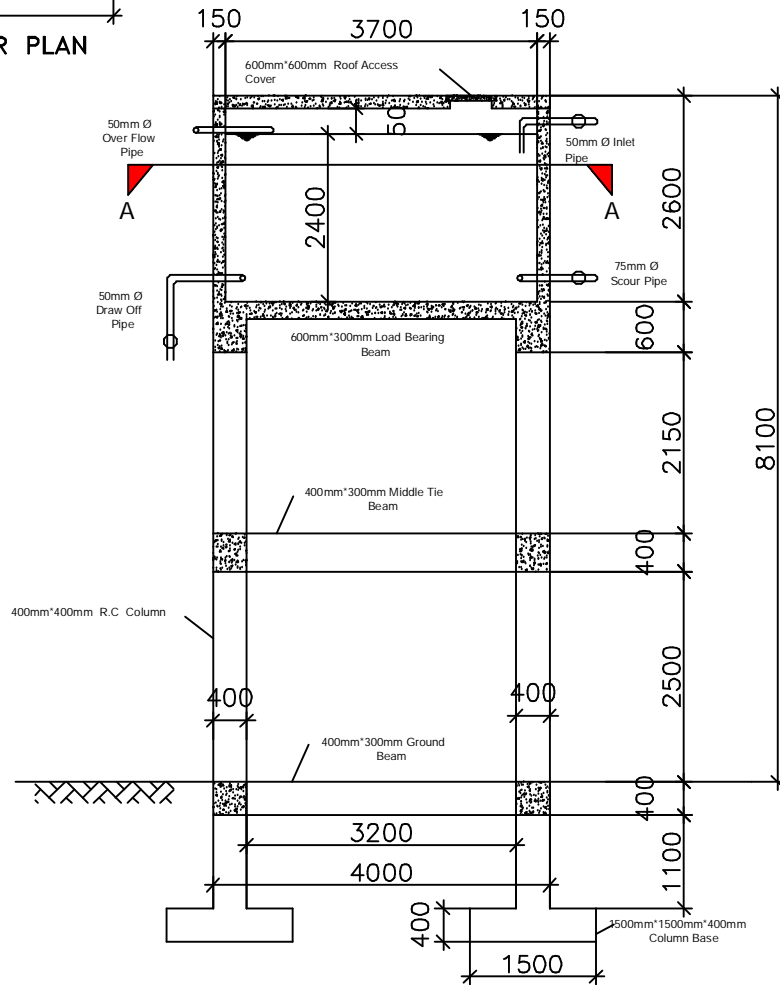
DRAWING No: ALIGHT WATER TANK



GROUND FLOOR PLAN



ELEVATION B-B



SECTION A-A

GENERAL

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ORGANIZATION:



ALIGHT
CAPITAL WEST 6TH FLOOR
LANTANA ROAD
WESTLANDS
NAIROBI

PROJECT
TITLE:

**Construction of 20 Meter
Cubic Elevated Water Tank**

DRAWING

TITLE: **20METER CUBIC ELEVATED
WATER TANK**

(ARCHITECTURAL DETAILS)

DRAWN BY: **Hassan M Dahir**

DESIGNED BY: **Hassan M Dahir**

APPROVED BY: **Adan Salad Haluba**

CHECKED BY:

MODIFIED BY:

DESIGNED DATE:

SCALE:

DRAWING No: