

General notes:

1. All Dimensions are in Millimeter
2. Grid Setting out Dimensions to be confirmed by Engineer.
3. All structural works to be approved by Engineer


THIS DRAWING IS THE COPYRIGHT OF THE ALIGHT ANY REPRODUCTION OR USE OF THE DRAWING FOR CONSTRUCTION WITHOUT WRITTEN CONSENT FROM THE ALIGHT IS ILLEGAL

ABBREVIATION

G.L = GROUND LEVEL

CLIENT/EMPLOYER = BHA PROJECT

IMPLEMENTING ORGANIZATION:

  
ALIGHT HORN OF AFRICA  
CAPITAL WEST 6TH FLOOR  
LANTANA ROAD  
WESTLAND  
NAIROBI

PROJECT TITLE: CONSTRUCTION OF 25 CUM ELEVATED WATER TANK / SOMALILAND

DRAWING TITLE: HIGH LEVEL WATER TANK OF 25 CUM CAPACITY (8.6M HEIGHT)

DRAWN BY: ALIGHT

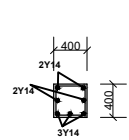
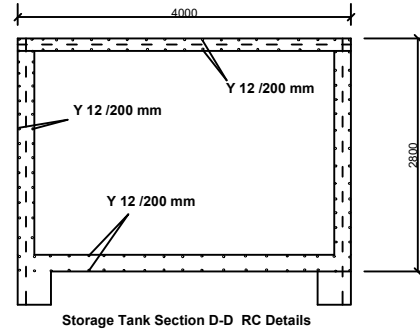
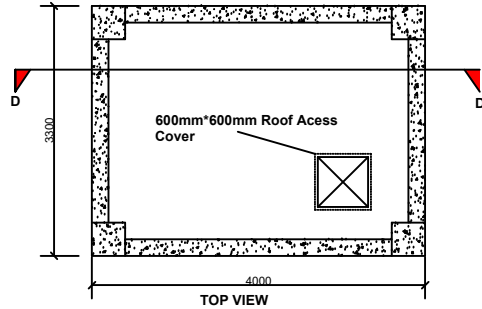
DESIGNED BY: ALIGHT

CHECKED BY: ALIGHT

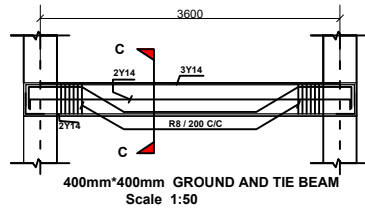
APPROVED BY: ALIGHT

DESIGNED DATE: 2025

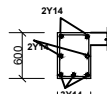
SCALE: AS SHOWN DRAWING NO:



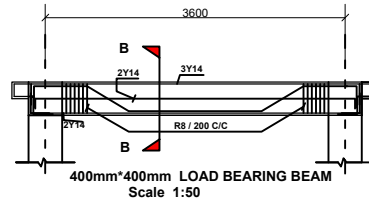
Scale 1:25



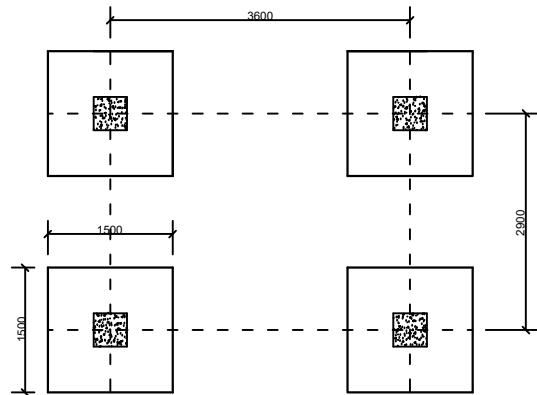
Scale 1:50



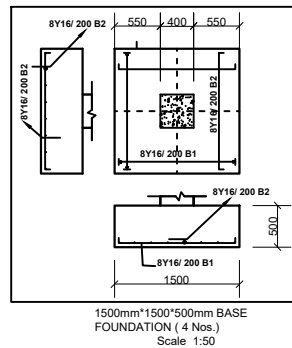
Scale 1:25



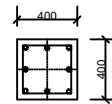
Scale 1:50



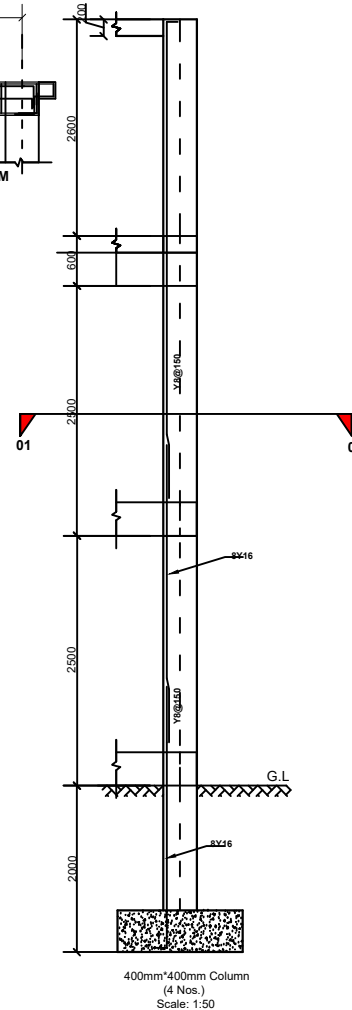
Scale 1:1



Scale 1:50



Scale: 1:25



#### GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER
2. GRID SETTING OUT DIMENSIONS TO BE CONFIRMED BY ENGINEER.
3. ALL STRUCTURAL WORKS TO BE APPROVED BY ENGINEER

#### CONCRETE

1. CONCRETE MIX RATIOS TO BE AS FOLLOWS  
(i) STRUCTURAL NOMINAL CONCRETE 1:2:4 (CEMENT:SAND: AGGREGATE)-CLASS (20)  
(ii) BLINDING CONCRETE 1:2:4 (CEMENT: SAND: AGGREGATE) -CLASS (20).
2. CONCRETE COVERS TO BE AS FOLLOWS  
(i) ALL SUBSTRUCTURES - 50mm  
(ii) COLUMNS - 40mm  
(iii) BEAMS - 25mm  
(iv) SLABS - 15mm  
(v) R.C.C- MESH -25  
(w) FROM THE TO SLAB

#### Masonry

1. ALL LOAD BEARING WALLS TO BE MINIMUM 200MM THICK NATURAL STONES OR CONCRETE BLOCK WITH MINIMUM CRUSHING STRENGTH OF 7N/MM2
2. ALL WALLS LESS THAN 200MM THICK TO BE REINFORCED WITH GAUGE 20\*25MM WIDE HOOK IRON STRAPS AT EVERY ALTERNATIVE COURSES

THIS DRAWING IS THE COPYRIGHT OF THE ALIGHT ANY REPRODUCTION OR USE OF THE DRAWING FOR CONSTRUCTION WITHOUT WRITTEN CONSENT FROM THE ALIGHT IS ILLEGAL

#### ABBREVIATION

G.L = GROUND LEVEL

CLIENT/EMPLOYER = BHA PROJECT

IMPLEMENTING ORGANIZATION:



ALIGHT HORN OF AFRICA  
CAPITAL WEST 6TH FLOOR  
LANTANA ROAD  
WESTLAND  
NAIROBI

PROJECT TITLE: CONSTRUCTION OF 25 CUM ELEVATED WATER TANK / SOMALILAND

DRAWING TITLE: HIGH LEVEL WATER TANK OF 25 CUM CAPACITY (8.6 M HEIGHT)

DRAWN BY: ALIGHT

DESIGNED BY: ALIGHT

CHECKED BY: ALIGHT

APPROVED BY: ALIGHT

DESIGNED DATE: 2025

SCALE: AS SHOWN DRAWING NO: