

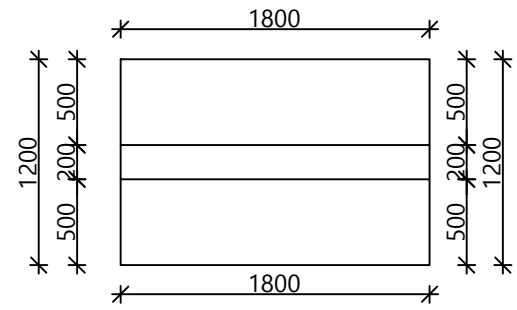
100mm plain concrete

300 mm thick approved
hardcore filling spread, well
rammed and compacted in
150mm layers

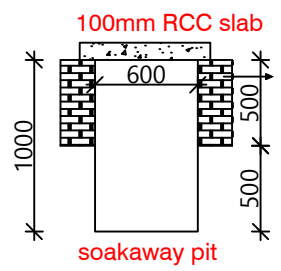
5-T12-37-@200-T1

5-T12-036-@200-1B1.

Section of the footing and the wall

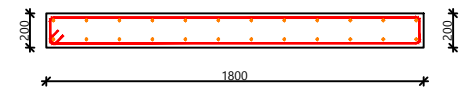


Plan



Rubble stone retaining wall,
400mm x 500mm deep

7-T8-038-@200-1B1.



NOTES

1. **FOUNDATIONS**
They shall generally be taken 1200mm min. below existing ground level after removal of organic layer and all excavations to be confirmed by the Engineer before concrete blinding is laid.
Weak pockets of bearing strata to be dug out and filled with C20 mass concrete.
 2. **CONCRETE MIXES**
Reinforced concrete to have a min. works cube strength of 30N/mm² at 28 days with 20mm max. aggregate size
 3. **REINFORCEMENT**
(a) High Tensile Ribbed bars to BS4461 and are marked "T" on these dwgs
(b) Mild steel marked "R" on these dwgs to be round bars to BS4483
 4. **MINIMUM COVER TO ALL STEEL IN**
(a) Foundations = 50mm
(b) Beams = 20mm
(c) Columns = 30mm
(d) Ground slab = 20mm
 5. **ABBREVIATIONS**
M.C = Mass Concrete
R.C = Reinforced Concrete
T = Top
B = Bottom
- All dimensions to be confirmed on site. This drawing must be read in conjunction with the relevant architectural, Mechanical, Electrical drawings. All steel to be painted with one coat of red oxide primer. Any discrepancy MUST be brought to attention of the Project Manager and structural engineer.

REVISIONS

No.	Date:	Descriptions:

Design Engineers:
DESIGNED BY AHMED KHAALID

PROJECT TITLE:
PROPOSED CONSTRUCTION OF 40 CUBIC METER ELEVATED TANK IN JARIIBAN DISTRICT

CLIENT:
WORLD VISION INTERNATIONAL

DESCRIPTION OF WORK:
SECTION OF FOOTING AND WALLS

Designed: A.K	Proj. No.:
Checked: MULATU TIRUHEH KASSA	15WV1.01
Approved: MULATU TIRUHEH KASSA	

Date: **NOV 2021** Scale: **1:25**