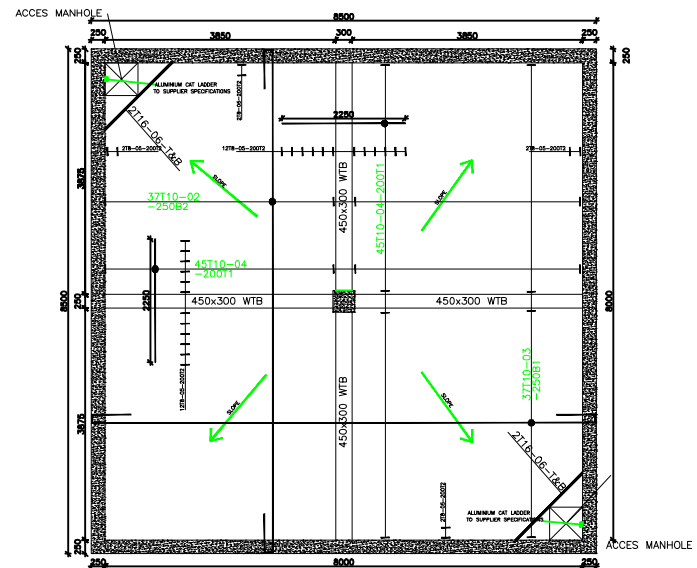
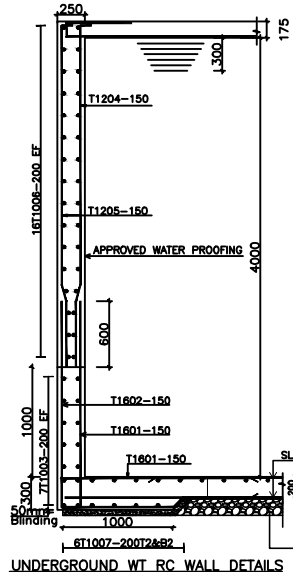


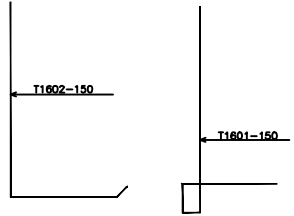
UNDERGROUND WATERTANK BASE SLAB
200mm THICK SOLID.



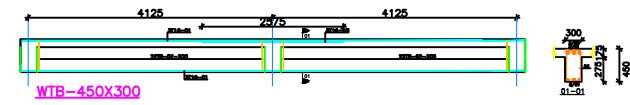
UNDERGROUND WATERTANK TOP SLAB
175mm THICK.



UNDERGROUND WT RC WALL DETAILS



BAR BENDING SHAPE CODES



WTB-450X300

- NOTES:
- Concrete to have minimum crushing strength of $< 30 \text{ N/mm}^2$ at 28 days
 - Building stones to be machine cut & to have crushing strength of $< 6 \text{ N/mm}^2$.
Mortar mix to be 1:3
 - a. T=High yield steel bars to B.S. 4449.
b. Mild yield steel bars to B.S. 4449.
c. T1=Top 1st layer, T2=Top 2nd layer
d. B1=Bottom 1st layer, B2=Bottom 2nd layer
e. D.O.S= determine On Site. Z
f. Bearing Capacity=200KN/M²
 - Top reinforcing bars in slab & beams to be lapped at mid-span while bottom bars at support.
 - Cover to reinforcement:
Beams = 50mm, Columns = 40mm
Beams = 25mm, Slabs = 15mm.

		EWASO NG'IRO NORTH RIVER BASIN DEVELOPMENT AUTHORITY	
		MANGUTHO & SALSALA UNDERGROUND TANKS	
ENGINEER	DIRECTOR, INFRASTRUCTURE & NATURAL RESOURCES DEVELOPMENT		
DESIGNED BY	J. W MULWA	SCALE	AS SHOWN
SURVEYED BY	E.S	DRWG NO.	M&S/08/22
DRAWN BY	I.S.Y	DRG. TITLE	U.G TANK LAYOUT