

Detail of Tanks and Foundations

Clear site where the new water tank stand must be constructed, dig trench for foundations to the lengths, widths and depths as shown on drawing, to secure a sound foundation.
 Cast concrete in the dug foundations. 30MPA strength, 400mm x 300mm thick as per drawing. (Plan 1 of 1)
 Build external outer ring wall with Cement Brickwork according to size, ±500mm above ground level, bedded and jointed in 4:1 cement mortar, pointed on faces with a recessed or keyed joint
 Fill holes in Cement Brickwork with Concrete and Brick force 150 mm to be used every 2nd layer.
 Backfill the inner space with compactable material, Compact every 150mm to form a solid base
 Cast a 100 mm thick concrete slab, according to desired size, until outer side of ring wall, 30MPA strength (19mm stone)
 Reinforcement Steel Mesh 5.6 mm diameter (200 x 200) Ref 193 must be included over Length and Width of total size of Concrete Slab, 50 mm from edges and bottom of slab.
 Install Four (4) galvanized 6 mm fastening hooks for each Tank, 100mm from each corner, cast into the concrete slab, to tie down the tank with 2.5 mm galvanized wire.

