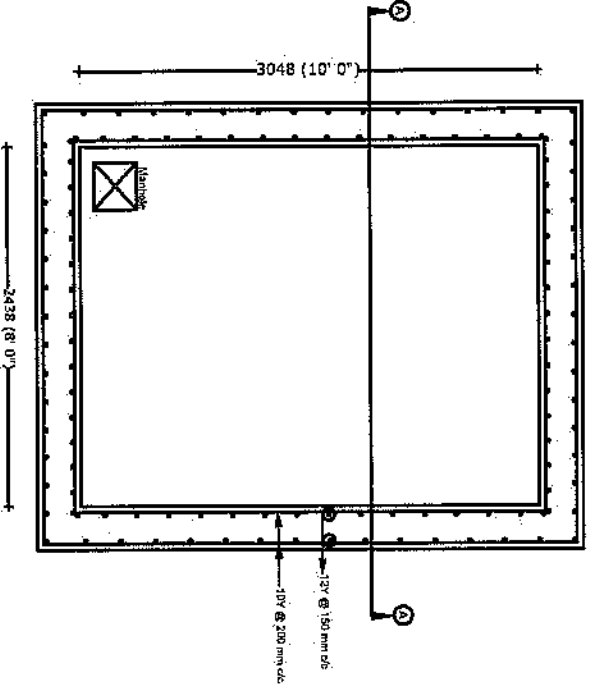


SECTION
 SLUMP - CROSS SECTION - ACROSS SHORT SPAN (A-A)
 Size 2.438m x 3.048m x 2.438m - (16,000 litres capacity)



PLAN
 PLAN OF SLUMP (2.438m x 3.048m x 2.438m) (8'0" x 10'0" x 8'0")
 16,000 Litres Capacity

Technical Notes

1. All dimensions are in millimeters
2. Units Sate Design as per IS:3270 (Part 2)-2009
3. Concrete Grade: M-25, * - Rebars: Steel Fe-500 - TMT Bars as per IS:1786-1985.
4. For all concretes and mortar: Blended Cement (Flyash Based-PPC) should be used for better durability
5. All RC Concrete to be Mixed with Superplasticiser (CERAPLAST 300) @200ml per bag of Cement
6. M-Sand (artificially-processed sand or DS-Sand (washed stone sand) shall be advantageously used in all cast constructions with the addition of superplasticiser since it has better quality and higher strength when compared to the river sand due to absence of impurities. Works need not be stopped for just want of River sand.
7. Stone Crusher Dust (Quarry dust) can also be used - 10% in RCC, Masonry mortar and all grades of concrete with the addition of Superplasticiser (100ml per bag for PCC & Masonry mortar & 200ml for RC concretes) which produces impala & concrete with the required workability with less water.
8. Clear Cover for Footing - 50mm (bottom), Beam - 25mm (Sb)-20mm, Column - 40mm
9. To avoid corrosion of steel rebars, please apply one coat of 'Steel Guard - Nano Coating' Manufactured by One Touch Solutions, Chennai -17 (ph:04-24345588/9/134078543)
10. Slump Plasticisers (CERAPLAST 300) to be alternated with concrete at 300ml per bag of cement
11. Integral liquid water proofing compound: (CERPA (V-9) should be mixed with concrete @ 200ml per bag of cement for base slab as well as vertical wall.

Structural Engineer
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 ECI Reg No S/PED/007516
 CMBDA Reg No: E/08/1/905/113

UNDER GROUND SLUMP 16,000 LITRES CAPACITY
 DRAWN - K.Venka
 SCALE 1:100
 DATE: 17-10-2019

DESIGNED BY:
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