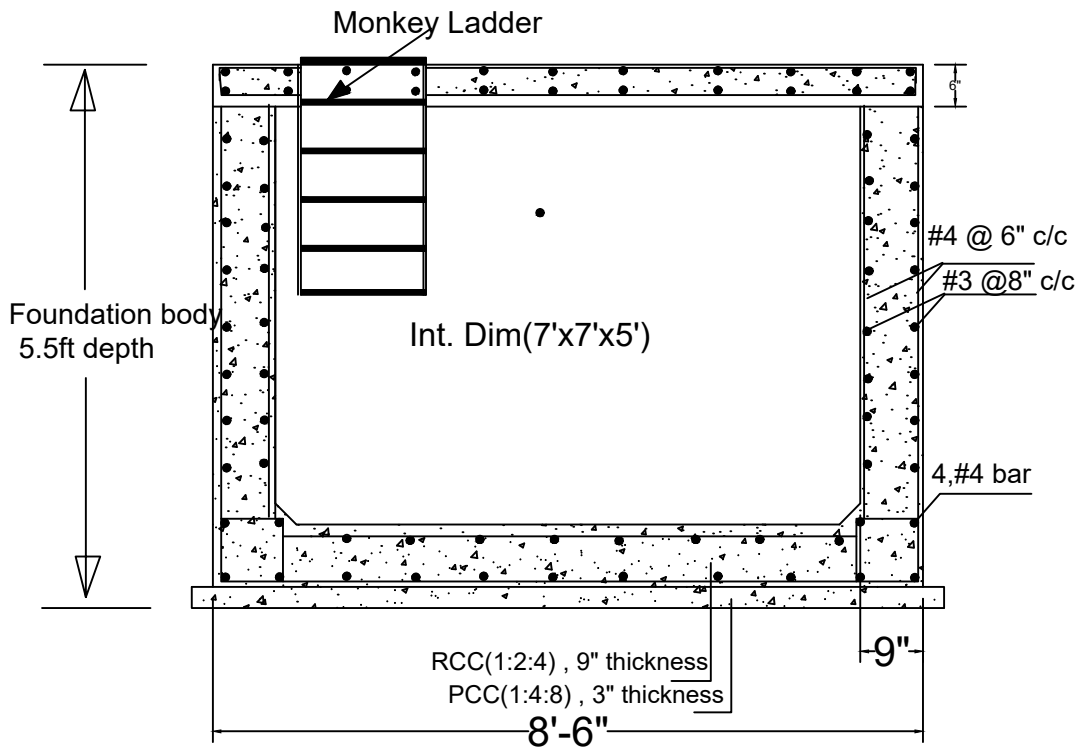


Under-G Water Tank: Plan View



Prepared By: IOM Field Engineer

Sheet Title:

Dated:28/02/2023

Verified By:
Senior Engineer

Water Tank Construction
Drawing

Const. Shop Dwg No:001

GENERAL NOTES :

- 1-(a) The minimum compressive cube Strength Of lean/blinding Concrete(1:4:8) shall be 1400 PSI at 28 days.
 - (b) The minimum compressive Cylinder Strength Of Concrete(1:2:4) shall be 3000 PSI at 28 days.
- 2-(a) Reinforced cement concrete for foundations,R.C.C walls,
Slabs and beams shall have minimum compressive cube strength of 4000 Psi at 28 days
- 3- Reinforcing bars shall be deformed bars of grade 60 conforming to ASTM A615.
- 4- Clear cover to reinforcement shall be:
 - a) Foundation = 2.5"
 - b) Column & Retaining Wall = 1-1/2"
 - c) Beam = 1-1/2"
 - d) Slab & Staircase = 3/4"
- 5- Unless otherwise stated on the drawings. The lap lengths shall be 40 times diameter of the bar upto #8 .
- 6- laps in bars to be provided scattered and not in one place.
- 7-Replace any uncontrolled fill or soft/wet clay patch or pocket with suitable filling material.
(mixture of locally available clay, sand,gravel,cobbles,stone pieces etc.) compacted to 95 % modified AASHTO density.
- 8- Minimum clear distance between the bars shall be one inch or diameter of bar, whichever is greater .
- 9- Ties/Stirrups in Beams, Columns and Lintels shall be provided with 135° hooks and with an extension of 6db or 3 in, whichever is greater .
- 10- Bricks to be used in brick masonry, shall be well burnt and of standard size with maximum absorbtion should not be more than 20%.
- 11- Cement should be aproved qaulity Ordinary Portland Cement of 50 kg bag as approved by an Engineer Incharge.
- 12- Maximum size of the coarse aggregate shall be 3/4"or and 1/2" or 12mm other wise.
- 13-(a) In case of any doubt or descripencies during execution or deviation from specifications the contractor must notify the consultant/site engineer prior to go for further actions.

Prepared By:IOM Field Engineer	Sheet Title:	Dated:28/02/2023
Verified By: Senior Engineer	General Notes for Constraction & Drawing	Gen. Notes No:001