



NOTES:

1. CONCRETE THICKNESS SHALL BE AS SHOWN.
2. CONCRETE STRENGTH = 6000 PSI. THE WATER-CEMENT RATIO SHALL NOT EXCEED 0.45.
3. REINFORCING SHALL BE GRADE 40 #3 OR #4 BARS AS SHOWN, PLUS FIBERMESH 300 POLYPROPYLENE FIBRILLATED FIBERS FOR SECONDARY REINFORCING.
4. WALL AND FLOOR REINFORCING SHALL BE PLACED AT THE CENTER OF THE MEMBERS. CEILING (LID) REINFORCING SHALL BE PLACED WITH A CLEAR DISTANCE OF $\frac{3}{4}$ " FROM BOTTOM OF THE SLAB. REBAR IN SHORT DIRECTION SHALL BE CLOSEST TO BOTTOM.
5. PROVIDE (2)-#3 BAR 2 INCHES FROM FACE OF ALL OPENINGS. EXTEND 12 INCHES PAST OPENING.
6. EXTEND 90 DEGREE BARS (DOWELS) FROM BOTTOM SLAB INTO WALLS. MATCH DOWEL BARS WITH SPACING OF BOTTOM SLAB BARS AND LAP 16 INCHES.
7. THE SAND/MUD TRAP CEILING SLAB IS DESIGNED TO SUPPORT A UNIFORM LOAD OF 250 PSF OR A CONCENTRATED LOAD OF 16,000 LBS.
8. THE TOP OF THE TANK IS ASSUMED TO BE PLACED AT A MINIMUM OF 1'-8" AND MAXIMUM OF 4'-0" FROM THE TOP OF THE SOIL.
9. ALL SOILS ADJACENT TO THE CONTAINERS SHALL BE GRADED SITE SOILS, PROPERLY COMPACTED IN UNIFORM LIFTS NOT TO EXCEED 8 INCHES.

PROJECT: 500 GALLON SAND/MUD TRAP

ISSUE DATE:
02-03-2019

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NUMBER:
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