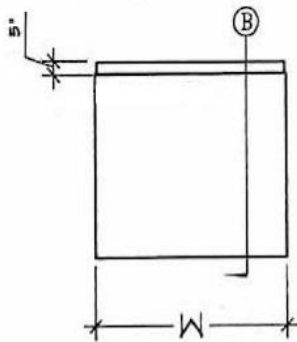
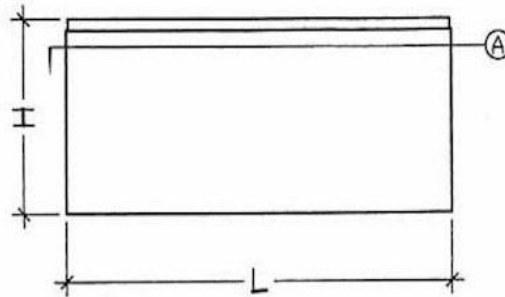


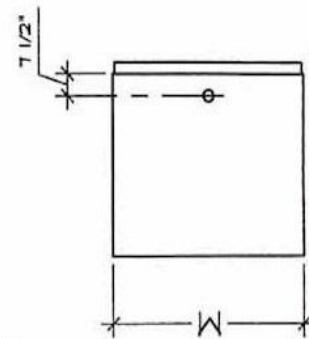
LEFT ELEV



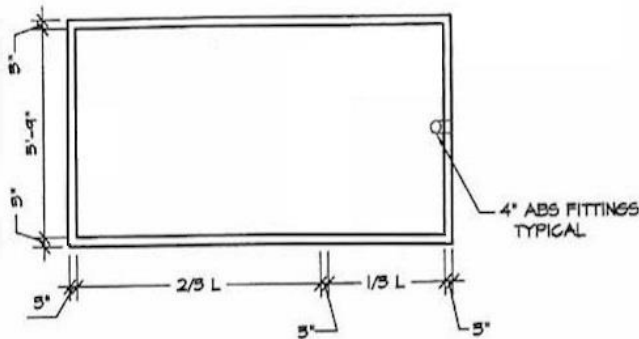
SIDE ELEV



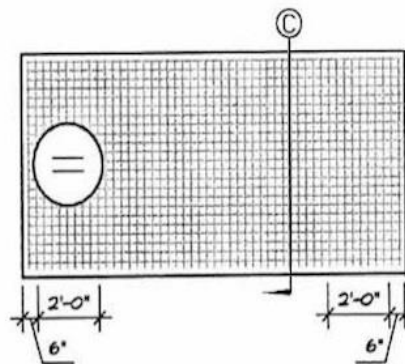
RIGHT ELEV



SECTION 'A'



TOP VIEW



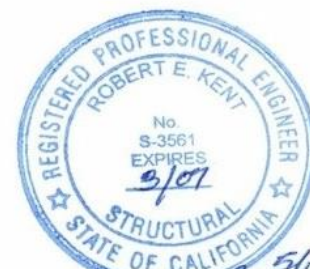
## H20 TRAFFIC RATED SUMP TANKS

### NOTES:

- All concrete shall develop a minimum compressive strength of 4000 psi at 28 days or sooner. Concrete shall have a maximum water ratio of 0.45.
- Cement to be Portland conforming to ASTM C 150. Reinforcing steel shall be intermediate grade, deformed, conforming to ASTM A-616 Grade 40.
- Reinforcing bars shall be in as long lengths as practicable and shall be lapped a minimum of 15 inches, or 40 bars diameters.
- Welded wire shall conform to ASTM designation A 185, Lap Fabric at slices a minimum of 6 inches.
- All tanks shall be coated on the interior extending to a minimum of four (4) inches below the water line, and shall cover all of the internal area above that point with an approved damproof and waterproof compound complying with ASTM D 41-78 or better. Coatings shall be applied per the manufacturer's recommendations and shall be environmental friendly as per EPA regulation 40CFR261.4
- Tank shall bear on undisturbed soil a minimum of 18 inches below original grade on a solid bed and to be installed level.
- Soil bearing capacity shall be a minimum of 1000 psi.
- Fill tank with water after it has been set in placed and backfilled as per manufacturer's recommendation.
- Do not install none H20 rated tanks in a traffic area.
- The design of this tank is based on an equivalent fluid pressure of 30 psi.

| Capacity | Height | Width | Length | Outlet |
|----------|--------|-------|--------|--------|
| 500      | 4'-3"  | 3'-7" | 8'-7"  |        |
| 810      | 5'-8"  | 4'-1" | 8'-8"  | 53"    |
| 1200     | 5'-10" | 5'-2" | 9'-3"  | 55"    |
| 1500     | 5'-8"  | 6'-3" | 9'-6"  | 53"    |
| 2000     | 5'-8"  | 6'-3" | 12'-6" | 53"    |

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