



**Liquid Levels: 9' x 16' = 1,080 Gals/VF**  
 4" PVC = 6,480 Gals Inverts: Inlet-83" Outlet-80"  
 6" PVC = 6,394 Gals Inverts: Inlet-82" Outlet-79"

General Notes:

1. Steel Reinforcement Conforms to Latest ASTM Specifications: ASTM-A615 Grade 60 Rebar
2. Concrete:  $f_c = 5,000$  psi @ 28 Days Minimum
3. Flexible Sleeves Provided On All Pipe Connections
4. Butyl Rubber Joint Sealant Provided
5. Internal PVC Baffles Available Upon Request
- Inlet: Shall Penetrate at Least 9" Below the Liquid Level, But Not Deeper Than the Outlet Baffle.
- Outlet: Shall Extend Below the Surface of the Liquid Equal to 40% of the Liquid Depth (29").
6. Design Loading: AASHTO-HS20-44, ASTM C-890-06
7. Design Specified As: ASTM C-1227-08, ASTM C-913-08
8. Other Inlet/Outlet Pipe Sizes Available

**Est Weights:**

Top Slab - 20,200 Lbs  
 5' Riser - 19,900 Lbs  
 Base - 24,600 Lbs  
 Total Weight: 64,700 Lbs

Phoenix  
 Precast  
 Products

6500 Gallon  
 H-20 Tank

P/N: ST-6500H20