24" Diameter Cleanout Plugs
3 Places

PolyLok Boot
6 Places

Optional Cast Iron Frame & Cover
Adjust to Grade As Required

Inlet
4" PVC - 75"
6" PVC - 74"

Outlet
4" PVC Inverts:
Inlet-81"
Outlet-78"

100"
(8'-4")

Waterstop Typ

Note #4

16'

114"
6"

60"

4" PVC Inverts:
Inlet-80"
Outlet-77"

A Liquid Level: = 499 Gals/VF(42Gals/In)
B Liquid Level: = 262.5 Gals/VF(22Gals/In)
4": "A" = 3,034 Gals
"B" = 1,575 Gals
6": "A" = 2,994 Gals
"B" = 1,554 Gals

Est. Weights:
Top Slab - 15,050 Lbs
5' Riser - 19,650 Lbs
Base - 17,300 Lbs
Total: 52,000 Lbs

General Notes:
1. Steel Reinforcement Conforms to Latest ASTM Specifications: ASTM-A615 Grade 60 Rebar
2. Concrete: fc = 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"
7. Design Specified As: ASTM C-1227-08, ASTM C-913-08
8. Other Inlet/Outlet Pipe Sizes Available

Phoenix Precast
3000/1500 Gallon
H-20 Tank
P/N: ST-3000/1500H20
Concord, NH 03301

Phoenix Precast Products
77 Regional Drive

13June12_Rev0 ews