Mortar Joint by Others

Optional Screens

Optional Cast Iron Frame & Cover
Adjust to Grade As Required

Note 4

12" Inlet

12" Outlet

Compartment "A"
8.00' x 9.00' = 540 Gals/VF
@4.58' = 2,473 Gals

Compartment "B"
4.00' x 9.00' = 270 Gals/VF
@4.58' = 1,237 Gals

Compartment "C"
4.00' x 9.00' = 270 Gals/VF
@4.58' = 1,237 Gals

Liquid Level:

Internal Piping By Others

(2) Orifices With Screens

Waterstop Typ

Oil Containment Area

Sediment Area

Liquid Level

8" x 4" Oil Outlet: 63"

8" x 4" Sediment Outlet: 63"

12" Inlet

12" Outlet

63" 5' 63" 5'

55" 1' 63" 8"

Total Capacity: 4,947 Gallons

Est Weights:

Top Slab - 22,100 Lbs
5' Riser - 26,600 Lbs
Base - 23,160 Lbs
Total: 71,860 Lbs

General Notes

1. Concrete: f = 5,000 psi @ 28 Days Minimum Type III Cement
2. Steel Reinforcement Conforms to Latest ASTM Specifications: ASTM-A615 Grade 60 Black Deformed Bars
3. Design Loading: AASHTO-HS20-44
4. Design Specified as ACI 318-08, AASHTO-1992
5. Butyl Rubber Joint Sealant Provided
6. Flexible Sleeves Available for Pipe Connections
7. Pipe Sizes and Compartment Configurations per Job Specifications

Phoenix Precast Products
5,000 Gallon HS-20
3 Comp Water Quality Unit Option 2

Phoenix Precast Products

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Concord, NH 03301