Steel Reinforced To Meet
Or Exceed H-20 Loading

Optional Cast Iron
Frame & Grate

Adjust to Grade
As Required

3' Inside Dia

3'

Base Section
2 Ft Thru 3 Ft

Riser Section
1 Ft Thru 3 Ft

Sump

Note 5

Notes 3 & 4

4"

8"

6"

24"

3'-6"

Est Weights:
Top Slab: 525 Lbs
Wt/VF: 380 Lbs
Floor: 345 Lbs

General Notes
1. Concrete: fc = 4,000 psi @ 28 Days Minimum, Type III Cement
2. Design Loading: AASHTO-HS20-44
3. One-Pour Monolithic Base Section
4. Steel Reinforcement Conforms to Latest ASTM Specification:
   ASTM A-615, Grade 60 Black Deformed Bars
   ASTM A-185 Welded Wire Fabric
5. Butyl Rubber Joint Sealant Provided Conforms to ASTM C-990
   And Federal Spec SS-S-210A
6. 53 Gallons/VF
7. Holes & Elevations TBD
8. Sections Available in Increments of 12"
9. Maximum Hole Size is 20"