Plan View - Top Slab

1' Min

Ø9'-6"

Lift Handles 3 Places

Plan View

1'-8"

Top Slab

106"

Pavement

As Req'd

Riser

9"

As Req'd

Base

Note 5

Note 3

Note 4

Note 9

Floor is Cast in Place By Others After Setting Manhole

Mortar Joint By Others

Est Weights:
Top Slab: 11,650 Lbs
Wt/VF: 3,040 Lbs

General Notes
1. Concrete: fc = 4,000 psi @ 28 Days Minimum, Type III Cement
2. HS-20 Design Loading Conforms to Latest Specifications
   ASTM C478, AASHTO M199 Precast Reinforced Concrete Manhole Sections
3. Slot Cast in by Phoenix
4. Steel Reinforcement Conforms to Latest ASTM Specification:
   ASTM A-615, Grade 60 Black Deformed Bars
   ASTM A-185 Welded Wire Fabric
   0.24 Sq. In./Linear Ft. And 0.12 Sq. In.(Both Ways)
5. Butyl Rubber Joint Sealant Provided Conforms to ASTM C-990
   And Federal Spec SS-S-210A
6. 377 Gallons/VF
7. Holes & Elevations TBD
8. Sections Available in Increments of 6"
9. Booted Pipe Connections (If Used) Conform to ASTM C-923,
   Maximum Booted Connection Pipe Size is 48" RCP
10. Maximum Pipe OD is 79" (66" RCP)
11. Plastic Manhole Steps (If Required) are Steel Reinforced
   Conforming to ASTM C-478