Plan View - Top Slab

8"
1'-2"
78"

Plan View

Optional Cast Iron Frame & Cover
Adjust to Grade As Required

Lift Handles 3 Places
As Required

7"-2"

10" Min

Top Slab
Pavement

6'
Riser

As Req’d

Floor is Cast in Place By Others
After Setting Manhole

Mortar Joint by Others

Base

Note 5
Note 4

Est Weights:
Top Slab: 4,000 Lbs
Wt/VF: 1,776 Lbs

General Notes
1. Concrete: f = 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
   0.18 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. 212 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 36" RCP
10. Maximum Pipe OD is 59" (48" RCP)
11. Plastic Manhole Steps (If Required) are Steel Reinforced
    Conforming to ASTM C-478

Phoenix Precast Products
6' Diameter Drain Manhole Doghouse

Phoenix Precast Products

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Concord, NH 03301