Plan View - Top Slab

Lift Handles 3 Places

\( \phi 4" - 10" \)
\( \phi 24" \)
8" Min

Plan View

Optional Cast Iron Frame & Grate
Adjust to Grade As Required

Top Slab

1' 8"
54 1/2"
4'
5"

Riser

As Req'd

Sump

As Req'd

Notes 3 & 4

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. 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
   0.12 Sq. In./Linear Ft. And 0.12 Sq. In.(Both Ways) Base Bottom
5. Butyl Rubber Joint Sealant Provided Conforms to ASTM C-990
   And Federal Spec SS-S-210A
6. 94 Gallons/VF
7. Holes & Elevations TBD
8. Sections Available in Increments of 6"
   Maximum Booted Connection Pipe Size is 24"
10. Maximum Pipe OD is 32" (24" RCP)
11. Plastic Manhole Steps (If Required) are Steel Reinforced
    Conforming to ASTM C-478

Est Weights:
Top Slab: 2,000 Lbs
Wt/VF: 864 Lbs
Floor: 931 Lbs

Phoenix Precast Products
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Concord, NH 03301

4' Diameter Catch Basin