Plan View - Top Slab

Lift Handles 3 Places

Ø9'-6"
Ø24"
1' Min

Top Slab

1'-8" 106"

As Req'd

8'
9"

Riser

As Req'd

10"

Sump

Notes 3 & 4

Pavement

Adjust to Grade As Required

Optional Cast Iron Frame & Cover

Sump Area As Req'd

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
   0.24 Sq. In./Lineal 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. 377 Gallons/VF
7. Holes & Elevations TBD
8. Sections Available in Increments of 6"
   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

Est Weights:
Top Slab: 11,650 Lbs
Wt/VF: 3,040 Lbs
Floor: 6,200 Lbs

Phoenix Precast Products

8' Diameter Drain Manhole With Sump

Phoenix Precast Products

77 Regional Drive
Concord, NH 03301