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
   Butyl Rubber Joint Sealant Provided Conforms to ASTM C-990
   And Federal Spec SS-S-210A
5. 94 Gallons/VF
6. Holes & Elevations TBD
7. Sections Available in Increments of 6" 
8. Booted Pipe Connections (If Used) Conform to ASTM C-923.
   Maximum Booted Connection Pipe Size is 24"
9. Maximum Pipe OD is 32" (24" RCP)
10. Plastic Manhole Steps (If Required) are Steel Reinforced
    Conforming to ASTM C-478

Est Weights:
- Top Slab: 2,000 Lbs
- Wt/VF: 864 Lbs
- 8" Floor: 1,245 Lbs
- Extended Base: 835 Lbs

Phoenix Precast Products
4' Diameter
Drain Manhole
Extended Base

Phoenix Precast Products
77 Regional Drive
Concord, NH 03301