General Notes:
1. Concrete: fc = 4,000 psi @ 28 Days Minimum, Type III Cement
2. HS-20 Design Loading Conforms to Latest Specifications
   ASTM C476, 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./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. 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

16Jan14_Rev5 ews
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Concord, NH 03301