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
   0.18 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. 212 Gallons/VF
7. Holes & Elevations TBD
8. Sections Available in Increments of 6"
   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

**Est Weights:**
- Top Slab: 4,000 Lbs
- Wt/VF: 1,776 Lbs
- Floor: 2,240 Lbs

Phoenix Precast Products

6' Diameter Drain Manhole With Sump