



- General Notes**
1. Concrete: $f_c = 4,000$ 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. Slot Cast in by Phoenix.
 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./Lineal Ft. And 0.12 Sq. In.(Both Ways)
 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"
 9. Booted Pipe Connections (If Used) Conform to ASTM C-923. 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

Phoenix Precast Products	4' Diameter Drain Manhole Doghouse
P/N: None	
Concord, NH 03301	