**General Notes**

1. Concrete: $f_c = 4,000$ psi @ 28 Days Minimum, Type III Cement
2. II-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
   - Butyl Rubber Joint Sealant Provided Conforms to ASTM C-990
   - And Federal Spec SS-S-210A
5. 147 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 30"
9. Maximum Pipe OD is 44" (36" RCP)
10. Plastic Manhole Steps (If Required) are Steel Reinforced
    Conforming to ASTM C-478

**Est Weights:**

- Grade Ring: 800 Lbs
- Top Slab: 1,720 Lbs
- Wt/VF: 1,280 Lbs
- Floor: 1,939 Lbs