**4' DIA SANITARY MANHOLE**

**CONSTRUCTION DETAILS:**
- **Compression Gasket (Cast In):**
- **Flexible Sleeve:**
- **Mortar by Contractor:**
- **Butyl Rubber Section Joint:**
- **Polypropylene Manhole Steps:**

**Specifications:**
- **Design Notes:**
  1. Manufactured to meet or exceed ASTM C-478 & AASHTO M 199 specs.
  2. Concrete = 5,000 PSI. Minimum cement per ASTM C-478 (6.1).
  3. Reinforced steel conforms to latest ASTM A 185 specifications.
  4. 0.12 sq. in. / linear ft. and 0.12 sq. in. (both ways) base bottom.
  5. Steel reinforcement to meet or exceed AASHTO HS-20 loading.
  8. Water proofing per contract specs. As required.

**Dimensions:**
- **Floor:** 9.30 lbs. / 6.75 lbs. / 1.500 lbs.
- **Volume:** 94 gal.

**Contact Information:**
- **Scituate Ray Precast**
- **120 Clay Pit Road, Marshfield, MA 02050**
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