**5’ DIA EXTENDED BASE SEWER MANHOLE**

**DESIGN NOTES:**
1. MANUFACTURED TO MEET OR EXCEED: ASTM C-478 & AASHTO M 199 SPECS.
2. CONCRETE = 4,000 PSI. MINIMUM CEMENT PER ASTM C-478 (6.1)
3. REINFORCED STEEL COMFORMS TO LATEST ASTM A 185 SPECIFICATIONS.
   - 0.15 SQ. IN / LINEAL FT. AND 0.15 SQ. IN (BOTH WAYS) BASE BOTTOM
4. STEEL REINFORCEMENT TO MEET OR EXCEED AASHTO HS-20 LOADING
5. MANHOLE STEPS MEET LATEST OSHA REGULATION 29 CFR1910.27, SECTION 16
   OF ASTM SPECIFICATION C478 AND SECTION 10 OF ASTM SPECIFICATION C497
6. BUTYL RUBBER JOINT SEALANT PER ASTM C-990 & AASHTO M-198
7. ONE POUR MONOLITHIC BASE

<table>
<thead>
<tr>
<th>FLOOR</th>
<th>VERT. FT</th>
<th>FLAT TOP</th>
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<tbody>
<tr>
<td>WEIGHT</td>
<td>2,400 lbs.</td>
<td>1,300 lbs.</td>
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<tr>
<td>VOLUME</td>
<td>146.8 gal.</td>
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**SCITUATE RAY PRECAST**
120 CLAY PIT ROAD
MARSHFIELD, MA 02050
PHONE # 1-800-440-0009
FAX # 781-837-4320

**CONTRACTOR:**
**DRAWING:** SRP-SMH5-EB
**DRAWING BY:** C.J. SCOTT

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