**4' DIA SANITARY MANHOLE EXT. BASE**

**A1** COMPRESSION GASKET (CAST IN)

**A2** FLEXIBLE SLEEVE

**A3** MORTAR BY CONTRACTOR

**B** BUTYL RUBBER SECTION JOINT

**C** POLYPROPYLENE MANHOLE STEPS

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**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.
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. WATER PROOFING PER CONTRACT SPECS. AS REQUIRED

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**SCITUATE RAY PRECAST**
120 CLAY PIT ROAD
MARSHFIELD, MA  02050
PHONE # 1-800-440-0009
FAX # 781-837-4320

**CONTRACTOR:**

**JOB NAME:**

**DATE:**

**DRAWING:** SRP-SMH4-EB

**DRAWING BY:** C.J. SCOTT

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