6’ DIA LOW-PRO DRAIN 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.
4. 0.18 SQ. IN / LINEAL FT. AND 0.18 SQ. IN (BOTH WAYS) BASE BOTTOM
5. STEEL REINFORCEMENT TO MEET OR EXCEED AASHTO HS-20 LOADING
6. MANHOLE STEPS MEET LATEST OSHA REGULATION 29 CFR1910.27, SECTION 16
   OF ASTM SPECIFICATION C478 AND SECTION 10 OF ASTM SPECIFICATION C497
7. BUTYL RUBBER JOINT SEALANT PER ASTM C-990 & ASHTO M-198
8. ONE POUR MONOLITHIC BASE

**Dimensions:**
- **Flat Top:** 1,850 lbs.
- **Vert. FT:** 1,800 lbs.
- **Flat Top:** 211.5 gal.

**Diagram Details:**
- **Riser Section 1’ thru 6’**
- **Base Section 3’ thru 6’**
- **Pipe to Manhole Connections See Detail A1, A2, A3 (Size to Suit)**
- **Butyl Rubber Section Joint**
- **Polypropylene Manhole Steps**

**Contact Information:**
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