8’ DIA EXTENDED BASE MANHOLE

FLAT TOP REINFORCED TO MEET OR EXCEED AASHTO HS–20 LOADING

RISER SECTION 2’ THRU 8’

RISER SECTION 2’ THRU 8’

BASE SECTION 4’ THRU 8’

11’–6”

8’

1’–7”

FLAT TOP

Φ24” OR Φ30”

SEE DETAIL B FOR TYPICAL JOINT

PIPE TO MANHOLE CONNECTIONS SEE DETAIL A1, A2, A3 (SIZE TO SUIT)

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 CONFORMS TO LATEST ASTM A 185 SPECIFICATIONS.
   0.24 SQ. IN / LINEAL FT. AND 0.24 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 & ASHTO M–198
7. ONE POUR MONOLITHIC BASE

FLOOR VERT. FT FLAT TOP
WEIGHT 7,800 lbs. 3,000 lbs. 4,800 lbs.
VOLUME 376 gal.

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

CONTRACTOR: DRAWING: SRP–DMHB–EB
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