4' DIA OUTSIDE DROP EX-BASE SANITARY MANHOLE

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

24" OR 30"

10"

8"

24" OR 30"

SEE DETAIL C IF STEPS ARE REQUIRED

SEE DETAIL B TYPICAL JOINT

EXTERNAL DROP NOTES:
A. ALL PVC PIPE BY OTHERS

PIECE 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 COMFORMS TO LATEST ASTM A 185 SPECIFICATIONS.
0.12 SQ. IN / LINEAL FT. AND 0.12 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. WATER PROOFING PER CONTRACT SPECS. AS REQUIRED

FLOOR VERT. FT FLAT TOP
WEIGHT 930 lbs. 875 lbs. 1,500 lbs.
VOLUME 94 gal.

POLYPROPYLENE MANHOLE STEPS

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

CONTRACTOR: DRAWING: SRP-SMH-00
JOB NAME: DRAWING BY: C.J. SCOTT

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