4’ DIA MANHOLE WITH WEIR

24” OR 30”

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

SEE DETAIL C IF STEPS ARE REQUIRED

SEE DETAIL B TYPICAL JOINT

WEIR WALL

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

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

CONCRETE = 4,000 PSI. MINIMUM CEMENT PER ASTM C-478 (6.1)

REINFORCED STEEL CONFORMS TO LATEST ASTM A 185 SPECIFICATIONS.

0.12 SQ. IN / LINEAL FT. AND 0.12 SQ. IN (BOTH WAYS) BASE BOTTOM

STEEL REINFORCEMENT TO MEET OR EXCEED AASHTO HS-20 LOADING

MANHOLE STEPS MEET LATEST OSHA REGULATION 29 CFR1910.27, SECTION 16
OF ASTM SPECIFICATION C478 AND SECTION 10 OF ASTM SPECIFICATION C497

BUTYL RUBBER JOINT SEALANT PER ASTM C-990 & AASHTO M-198

WATER PROOFING PER CONTRACT SPECS. AS REQUIRED

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.
0.12 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

SCITUATE COMPANIES

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