4'DIA OCS WITH EXTENDED BASE

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

24” OR 30”

8”

24” OR 30”

8”

SEE DETAIL C IF STEPS ARE REQUIRED

SEE DETAIL B TYPICAL JOINT

CONCE SECTION
1’, 2’, 2’-6”, 3’, 4’

RISER SECTION
1’, 2’, 3’, 4’

BASE SECTION
3’ THRU 6’

FLOOR VERT. FT FLAT TOP
WEIGHT 1,300 lbs. 875 lbs. 1,500 lbs.
VOLUME 94 gal.

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.
   0.12 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 & ASHTO M-198
7. WATER PROOFING PER CONTRACT SPECS. AS REQUIRED