4’ DIA OCS WITH WEIR

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

24” OR 30”

10”

SEE DETAIL C
IF STEPS ARE
REQUIRED

SEE DETAIL B
TYPICAL JOINT

CONCRETE BAFFLER
AS NEEDED

FLOOR
930 lbs.

VERT. FT
8.75 lbs.

FLAT TOP
1,500 lbs.

WEIGHT
94 gal.

VOLUME

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 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