3' DIA DRAIN MANHOLE

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

SEE DETAIL B
TYPICAL JOINT

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

FLOOR
VERT. FT
FLAT TOP
WEIGHT 365 lbs. 528 lbs. 1,000 lbs.
VOLUME 70 gal.

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. BUTYL RUBBER JOINT SEALANT PER ASTM C-990 & ASHTO M-198
6. WATER PROOFING PER CONTRACT SPECS. AS REQUIRED