4' DIAMETER PIT

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

SEE DETAIL C IF STEPS ARE REQUIRED

SEE DETAIL B TYPICAL JOINT

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-POLYPROPYLENE COATED GRADE-60 REINFORCING BAR, PER ASTM C-478 & O.S.H.A. (STD 1-1.9)
6. BUTYL RUBBER JOINT SEALANT PER ASTM C-990 & ASHTO M-198
7. WATER PROOFING PER CONTRACT SPECS. AS REQUIRED
8. WEIGHT PER VERTICAL FOOT=1000 lbs, FLOOR=1122 lbs, FLAT TOP=1220 lbs.