5’ DIA OUTLET CONTROL STRUCTURE

RISER SECTION 1’ THRU 5’

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BASE SECTION 3’ THRU 5’–6”

-24”-

-8”-

-6”-

5’

SEE DETAIL B
TYPICAL JOINT

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

FLOOR VERT. FT FLAT TOP
WEIGHT 1,530 lbs. 1,300 lbs. 2,840 lbs.
VOLUME 146.8 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.
0.15 SQ. IN / LINEAL FT. AND 0.15 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. ONE POUR MONOLITHIC BASE