6’ DIA CATCH BASIN WITH EXTENDED BASE

FLAT TOP REINFORCED TO MEET OR EXCEED AASHTO HS-20 LOADING.

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

AS REQUIRED

RISER SECTION 1’ THRU 6’

SEE DETAIL B TYPICAL JOINT

BASE SECTION 3’ THRU 6’

48” SUMP

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.
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

FLOOR VERT. FT FLAT TOP
WEIGHT 1,850 lbs. 1,800 lbs. 4,200 lbs.
VOLUME 211.5 gal.