5’ DIA TYPE "5" CATCH BASIN WITH EXTENDED BASE

ALTERNATE FLAT TOP
AASHTO HS–20 LOADING

SEE DETAIL B
TYPICAL JOINT

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

DOME SECTION
2’–6”

RISER
SECTION
2’

BASE SECTION
4’

8” 30”DIA 8”

$\Phi$5’

4’–6” SUMP

7’–2”

DESIGN NOTES:
1. MANUFACTURED TO MEET OR EXCEED: ASTM C–478 & AASHTO M 199 SPEC.
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
8. EXTERIOR BITUMINOUS COATING AS REQUIRED