4' DIA CATCH BASIN

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

DOME SECTION

TYPICAL JOINT

SEE DETAIL B

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

BASE SECTION 3' THRU 6'

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 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 & AASHTO M-198.

FLOOR

HEMPER. FT. FLAT TOP

WEIGHT 650 Lbs 675 Lbs 1,500 Lbs.

VOLUME 94 gal

POLYPROPYLENE MANHOLE STEPS

BUTYL RUBBER SECTION JOINT

FLEXIBLE SLEEVE

MORTAR BY CONTRACTOR

CONTACOR:      JOB NAME:      

DATE:      DRAWING: 58-CE4    DRAWING BY: C.J. SCOTT