4' DIA CATCH BASIN

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

10"

24" SQ.

8"

24" SQ

24"

SEE DETAIL B

TYPICAL JOINT

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

DOME SECTION

1', 1'-6", 2'

RISER SECTION

1', 2', 3', 4'

BASE SECTION

3' THRU 6'

SUMP REQUIREMENT

30", 36", 48" OR AS NEEDED

DESIGN NOTES:

1. MANUFACTURED TO MEET OR EXCEED: ASTM C-478 & AASHTO M 199 SPECS.
2. CONCRETE = 4,000 PSL 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 & ASHTO M-198

FLOOR | VERT. FT | FLAT TOP
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WEIGHT | 1,300 lbs | 875 lbs | 1,500 lbs
VOLUME | 94 gal.

POLYPROPYLENE MANHOLE STEPS

MORTAR BY CONTRACTOR

FLEXIBLE SLEEVE

COMPRESSION GASKET (CAST IN)

SCITUATE RAY PRECAST
120 CLAY PIT ROAD
MASH-FIELD, MA 02050
PHONE # 1-800-440-0009
FAX # 781-837-4320

CONTRACTOR: ___________________________ JOB NAME: ___________________________
DATE: ___________________________ DRAWING: SRP-CB4-EB DRAWING BY: C.J. SCOTT

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