5‘ DIA TYPE ”5” CATCH BASIN

ALTERNATE FLAT TOP
AASHTO HS-20 LOADING

SEE DETAIL B
TYPICAL JOINT

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

DOME SECTION
2‘-6”

RISER SECTION
2‘

BASE SECTION
4‘

6”

4‘-6”

SUMP

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,
   0.15 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

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

CONTRACTOR: DRAWING: SRP-CBT5
DATE: DRAWING BY: C.J. SCOTT

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