5’ DIA DOUBLE CATCH BASIN

DOUBLE OPENING FLAT TOP

DOUBLE CATCH BASIN OPENING

SEE DETAIL B

TYPICAL JOINT

8”

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

DOUBLE

RISER SECTION

2’

BASE SECTION

4’

4’-6”

SUMP

7’-2”

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 & AASHTO 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: | JOB NAME:
---|---

DATE: | DRAWING: SRP–DCB5–EB | DRAWING BY: C.J. SCOTT

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