5’ DIA DOUBLE CATCH BASIN

DOUBLE OPENING FLAT TOP
REINFORCED FOR H-20 LOADING

24” X 48”
DOUBLE CATCH BASIN OPENING

SEE DETAIL B
TYPICAL JOINT

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

RISER SECTION
2’

BASE SECTION
4’

4’
SUMP

8”

8”

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.
0.15 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

NPCA
PreCast ... The Concrete Solution.

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

CONTRACTOR: 
JOB NAME: 
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