4' DIA DRAIN MANHOLE EXT. BASE

24" OR 30"

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

10"

8"

24" OR 30" 8"

CONE SECTION
1', 2', 2'-6', 3', 4'

SEE DETAIL C
IF STEPS ARE
REQUIRED

SEE DETAIL B
TYPICAL JOINT

RISER SECTION
1', 2', 3', 4'

5'

BASE SECTION
3' THRU 6'

5'-10"

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

DESIGN NOTES:
1. MANUFACTURED TO MEET OR EXCEED: ASTM C-478 & AASHTO M 199 SPECS.
2. CONCRETE = 5,000 PSI. MINIMUM CEMENT PER ASTM C-478 (6.1)
3. REINFORCED STEEL CONFORMS 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
7. WATER PROOFING PER CONTRACT SPECS. AS REQUIRED

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

CONTRACTOR:  

DATE:  

DRAWING: SRP-DMH4-EB  
DRAWING BY: C.J. SCOTT

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