4’ DIA DRAIN MANHOLE W/ 4’ SUMP & EXT. BASE

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

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’

48” SUMP

- 24” SQ.
- 10”
- 8”
- 24” SQ
- 10”

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

CONTRACTOR: 
JOB NAME:
DATE: 
DRAWING: SRP-DMH4-S4 
DRAWING BY: JOHN KASPER

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