4’ DIA DRAIN MANHOLE W/ 4’ SUMP

ALTERNATE FLAT TOP AASHTO HS–20 LOADING

24” SQ. — 10”

8” — 24” SQ — 8”

DOME SECTION
1’, 1’–6”, 2’

SEE DETAIL B
TYPICAL JOINT

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

RISER SECTION
1’, 2’, 3’, 4’

BASE SECTION
3’ THRU 6’

48” 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.
   0.12 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

SCITUATE RAY PRECAST
120 CLAY PIT ROAD
MARSHFIELD, MA 02050
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CONTRACTOR: 
JOB NAME: 
DATE: 
DRAWING: SRP–DMH4–S4 
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