4’ DIA INSIDE DROP SANITARY MANHOLE

24” OR 30”  ALTERNATE FLAT TOP AASHTO HS–20 LOADING

8” 24” OR 30”  8”

CONES SECTION
1‘, 2‘, 2‘–6‘,
3‘, 4‘

SEE DETAIL C IF STEPS ARE REQUIRED

SEE DETAIL B TYPICAL JOINT

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

INTERNAL DROP NOTES:
A. ALL PVC PIPE BY OTHERS

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 COMFORM 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

FLOOR  VER. FT  FLAT TOP
WEIGHT  930 lbs.  875 lbs.  1,500 lbs.
VOLUME  94 gal.

POLYPROPYLENE MANHOLE STEPS

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–SMH4–ID  DRAWING BY:  C.J. SCOTT

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