4’ DIA CATCH BASIN

ALTERNATE FLAT TOP AASHTO HS-20 LOADING

DOME SECTION
1. 1’-6”, 2’

RISER SECTION
1. 1’, 2’, 3’, 4’

BASE SECTION
3’ THRU 6’

SEE DETAIL B
TYPICAL JOINT

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

FLOOR

HEMT. FT
FLAT TOP

WEIGHT
800 Lbs
675 Lbs
1,500 Lbs

VOLUME
54 gpf

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-996 & ASHTO M-198

SCITUATE RAY PRECAST
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CONTRACTOR:                      JOB NAME:                   DATE:
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