4' Dia Doghouse Manhole

- 24" or 30"
- Alternate flat top AASHTO HS-20 loading
- 10"
- 8" 24" or 30" 8"

Cone Section
1', 2', 2'-6", 3', 4'

Riser Section
1', 2', 3', 4'

Dog Sections
3' or 4'

See Detail C if steps are required

See Detail B Typical Joint

Floor
Vert. Ft
Flat Top
Weight
875 lbs.
1,500 lbs.

Volume
94 gal.

Pipe to Manhole Connections
See Detail A3 Only on Doghouse

Base slab poured in field by contractor

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 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
6. Butyl rubber joint sealant per ASTM C-990 & AASHTO M-198
7. Waterproofing per contract specs. as required

Scituate Ray Precast
120 Clay Pit Road
Marshfield, MA 02050
Phone # 1-800-440-0009
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Contractor: JOB NAME:

Date: DRAWING: SRP--DOG4 DRAWING BY: C.J. SCOTT

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