48" SANITARY MANHOLE
MnDOT 4007C

**48" SANITARY MANHOLE DESIGN DETAILS**

**CASTING & RINGS**

**RIM ELEVATION**

**ADJUSTING RINGS**

**VARIABLE HEIGHTS: 2", 4", 6", 12"**

**27" DIA.**

**ECCENTRIC CONE**

**VARIABLE HEIGHTS: 1.33', 2.0', 3.0', 3.5', 4.0'**

**NET MANHOLE BARREL HEIGHT**

**48" DIA.**

**5"**

**INTERMEDIATE SECTIONS**

**VARIABLE HEIGHTS: 1.0', 1.33', 2.0', 2.67', 3.0', 4.0', 5.33'**

**MONOLITHIC SECTIONS**

**VARIABLE HEIGHTS: 1.67 TO 4.0' TALL WITH INVERTS AND UP TO 7.5' TALL WITHOUT INVERTS**

**FLOW LINE**

**PSX DIRECT DRIVE BOOT**

**MONOLITHIC BASE**

**6" THICK**

**INTEGRAL BASE = 945 LBS**

**BARREL WEIGHT = 865 LBS/FT**

**NOTES:**

1. ALL COMPONENTS ARE MANUFACTURED PER ASTM C478.
2. STEPS PROVIDED AS REQUIRED.
3. Poured INVERTS AVAILABLE AS REQUIRED.

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