

MANHOLE FRAME AND COVER TO BE NEENAH R-1710-B, R=1733 OR ENGINEER APPROVED EQUAL.

ADJUSTING RINGS SHALL FORM A LEAKPROOF SEAL. MAXIMUM ADJUSTMENT 14".

ALL MANHOLES SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE LATEST REVISIONS OF ASTM C478
*PRECAST REINFORCED CONCRETE MANHOLE SECTION.

PRECAST CONE SECTION TYPICAL JOINT SEALED WITH RAMNEK, KENTSEAL, OR APPROVED EQUAL RUBBER BASE GASKET SEALANT

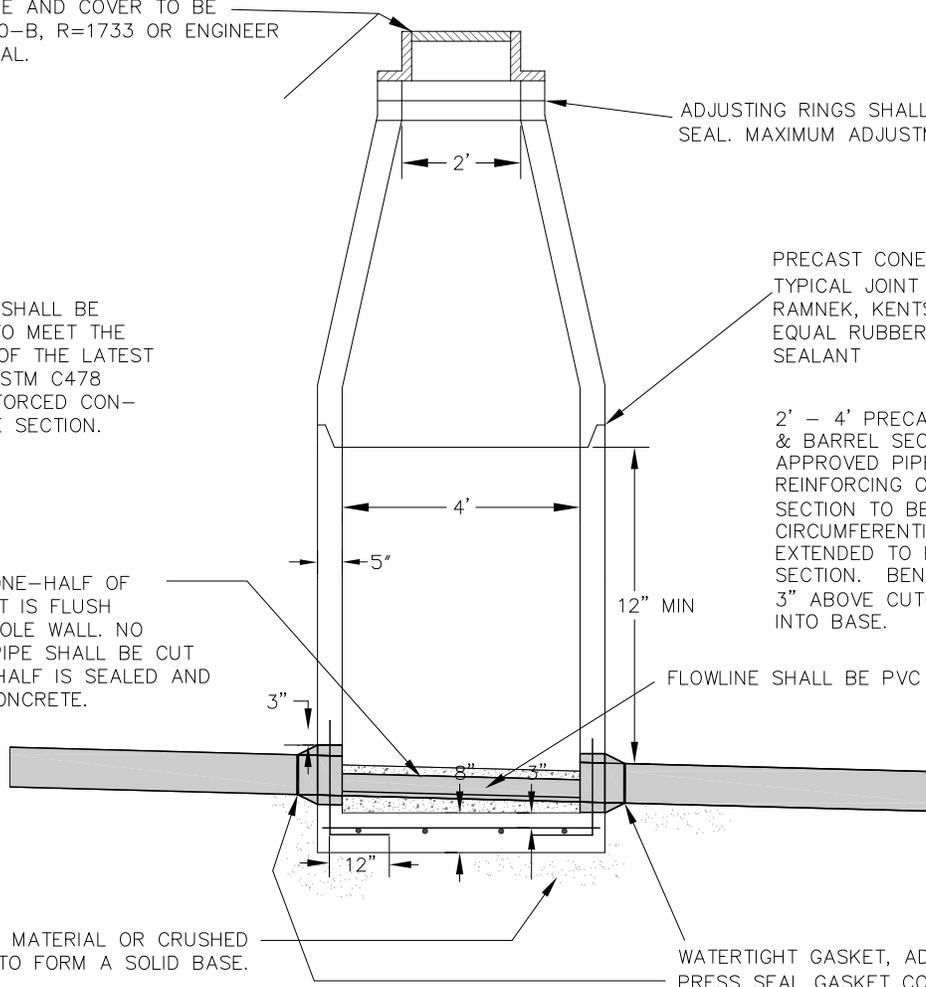
2' - 4' PRECAST INTEGRAL BASE & BARREL SECTION WITH APPROVED PIPE GASKETS. REINFORCING ON THE BARREL SECTION TO BE 0.16 IN SQ/FT CIRCUMFERENTIAL STEEL TO BE EXTENDED TO BOTTOM OF BASE SECTION. BENT BARS TO EXTEND 3" ABOVE CUTOUT HOLE AND 12" INTO BASE.

CUT OUT TOP ONE-HALF OF PIPE SO THAT IT IS FLUSH WITH THE MANHOLE WALL. NO TOP-HALF OF PIPE SHALL BE CUT UNTIL BOTTOM HALF IS SEALED AND SET UP WITH CONCRETE.

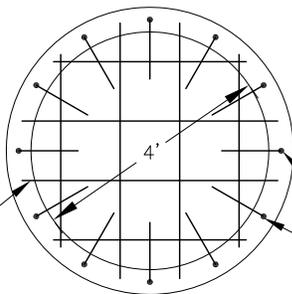
FLOWLINE SHALL BE PVC THROUGH MANHOLE

NATIVE MATERIAL OR CRUSHED ROCK TO FORM A SOLID BASE.

WATERTIGHT GASKET, ADAPTER OR SEALER, PRESS SEAL GASKET CORPORATION PSX, OR EQUAL.



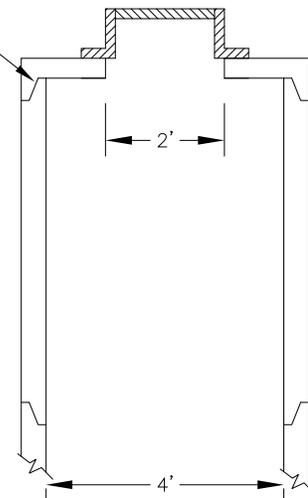
BASE BARREL SECTION



#4 BARS AT 12" C-C BOTH WAYS; 12-#3 BENT BARS, 30"-36" LONG, PLACED AS SHOWN. TO BE DOUBLED AROUND LARGE PIPE CUTOUTS. BENT BARS SHALL EXTEND 3" ABOVE THE CUTOUT HOLE AND 12" HORIZONTAL INTO BASE.

PRECAST FLAT TOP SECTION TYPICAL JOINT SEALED WITH RAMNEK, KENTSEAL, OR APPROVED EQUAL RUBBER BASE GASKET SEALANT (TONGUE AND GROOVE JOINT SHALL BE REQUIRED).

TYPICAL PRECAST & FLAT TOP SECTION (WHERE SPECIFIED)



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City of Madison
Engineering Department
Sanitary Sewer Manhole
Cross Sections



PO Box 308
116 W. Center Street
Madison, SD 57042
Phone: (605)256-7514
Fax: (605)256-7511