

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".

EXTERNAL JOINT SEAL (TYPICAL ALL JOINTS)

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

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

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

PREFORMED INVERT, 2" MINIMUM THICKNESS

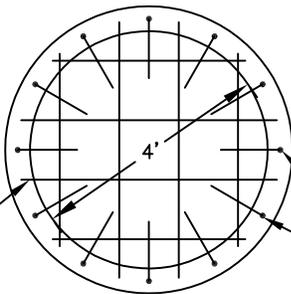
3"

12" MIN

NATIVE MATERIAL OR CRUSHED ROCK TO FORM A SOLID BASE.

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

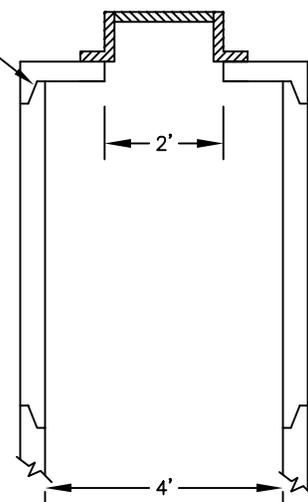
BASE BARREL SECTION



#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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