TOP OF CASTING 1/4" BELOW TOP OF PAVEMENT

EXTERNAL SEAL
CONSTRUCT INFI-SHIELD
UNI-BAND (OR APPROVED EQUAL), EXTERNAL SEAL
TO OVERLAP TOP SECTION
(4" MIN.)

ECCENTRIC CONE

ALL JOINTS IN MANHOLE TO HAVE "O"
RING RUBBER GASKET.

EXTERNAL SEAL
CONSTRUCT INFI-SHIELD
GATOR WRAP (OR APPROVED EQUAL).

POWER SLEEVE TO COMPRESS
GASKET TO MANHOLE SURFACE

NOTES:
1. USE NEENAH CASTING NO. R-1733 WITH
A SELF SEALING LID AND TWO
CONCEALED PICKHOLES. SEE DETAIL
PLATE S-4.

2. MANHOLES TO BE MANUFACTURED IN
ACCORDANCE WITH ASTM C-478.

3. INCREASE BASE THICKNESS TO 12" FOR
MANHOLES 14" OR DEEPER.

4. HDPE ADJUSTING RINGS ARE REQUIRED
(MIN. 2-2", MAX. 5-2" HEIGHT).

5. LADTECH GLUE (PER INSTRUCTIONS)
SHALL BE APPLIED BETWEEN EACH HDPE
ADJUSTING RING. CONSTRUCT 1/2"
CONCRETE GROUT BETWEEN CONCRETE
cone and HDPE RINGS. IF THE
OPENING IS OFFSET FROM THE
STRUCTURE CONCRETE RINGS MAY BE
REQUIRED BY THE ENGINEER. MINIMUM
1/2" MORTAR BETWEEN CASTING,
CONCRETE ADJUSTING RINGS, AND
STRUCTURE. (NON-SHRINKING GROUT
REQ.) EXTERNAL SEAL SHALL BE
CONSTRUCTED IN CONJUNCTION WITH
ADJUSTING RINGS AND CASTING
ASSEMBLY.

PSX RUBBER
GASKET
STAINLESS STEEL
TAKE-UP CLAMP

GROUT SIDES
TO SPRINGLINE

DIRECTION OF FLOW

TOP OF CASTING 1/4" BELOW TOP OF PAVEMENT

ADJUSTMENT RINGS
(MIN. 2, MAX. 5)

27"

4'

5'

8"

5'-4"

SECTION A-A
NOT TO SCALE

SECTION B-B
NOT TO SCALE

INVERT PIPES WITHIN MANHOLE SHALL BE FULLY
SET IN GROUT FROM TOP OF 1/2 PIPE TO SIDES
OF MANHOLE, SLOPED TO PROVIDE DRAINAGE TO
PIPE INVERT.