TYPICAL SECTION

SEWER SENTRY™ INSERT
STANDARD MANHOLE

SCALE: N.T.S.

SEWER SENTRY™ INSERT DETAILS

NEWAH FOUNDRY MODEL NO-1158-105
MANHOLE COVER & FRAME W/ WORD
"SEWER" ON TOP OF COVER.

FINISH GRADE

MIN.

SET MANHOLE FRAME 6" ABOVE NATURAL
GROUND & MOUND SOIL AS SHOWN IF IN
FLAT AREA – IF LOCATED IN WATERWAY,
SET MANHOLE FRAME 6" ABOVE TOP
BANK AS DIRECTED

2'-0" 

1/8" THICK NEOPRENE GASKET

DRIVE SURFACE & BASE

GROUT

ADJUST TO REQUIRED GRADE
W/ PRECAST CONCRETE
GRADING RINGS
NOTE:
SPANNER WRENCHES ARE USED TO TIGHTEN THE SEWER SENTRY ON TO THE LID. INSTALLMENT VIDEO CAN BE SEEN AT WWW.SEWERSENTRY.COM.
SEWER SENTRY™ MANHOLE
NEOPRENE RUBBER GASKET INSTALLATION DETAIL

SCALE: N.T.S.

- AREA OF LID THAT SETS ON MANHOLE RING SHELF
  REMOVE ALL RUST AND DUST USING DISC SANDER AND ACETONE.
  TREAT CLEANED AREA WITH OSPHO RUST TREATMENT (WWW.OSPHO.COM)
  IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS.
  (INSTALLATION VIDEO CAN BE SEEN AT WWW.SEVERSENTRY.COM)

- MANHOLE RING SHELF:
  ROUGH UP ONE SIDE OF A RUBBER GASKET (1/8 INCH NEOPRENE) USING A
  BELT SANDER. REMOVE ALL RUST AND DUST USING A SANDING DISK AND
  ACETONE. GLUE ROUGH SIDE OF RUBBER DISK TO THE MANHOLE RING
  SHELF USING CHEMREX CX 948. (INSTALLATION VIDEO CAN BE SEEN AT
  WWW.SEVERSENTRY.COM). RUBBER GASKET SHALL BE TRIMMED IN
  ORDER NOT TO OVER LAP.
Sewer Sentry™ Manhole Insert in Dupont Zytel or Stainless Steel

CJ Cover
Plastic Nut
Neoprene Washer

Flat Gasket

1 1/2"Ø Sewer Sentry™ Device Clearance

Note:
* Seat is over machined for gasket adjustment