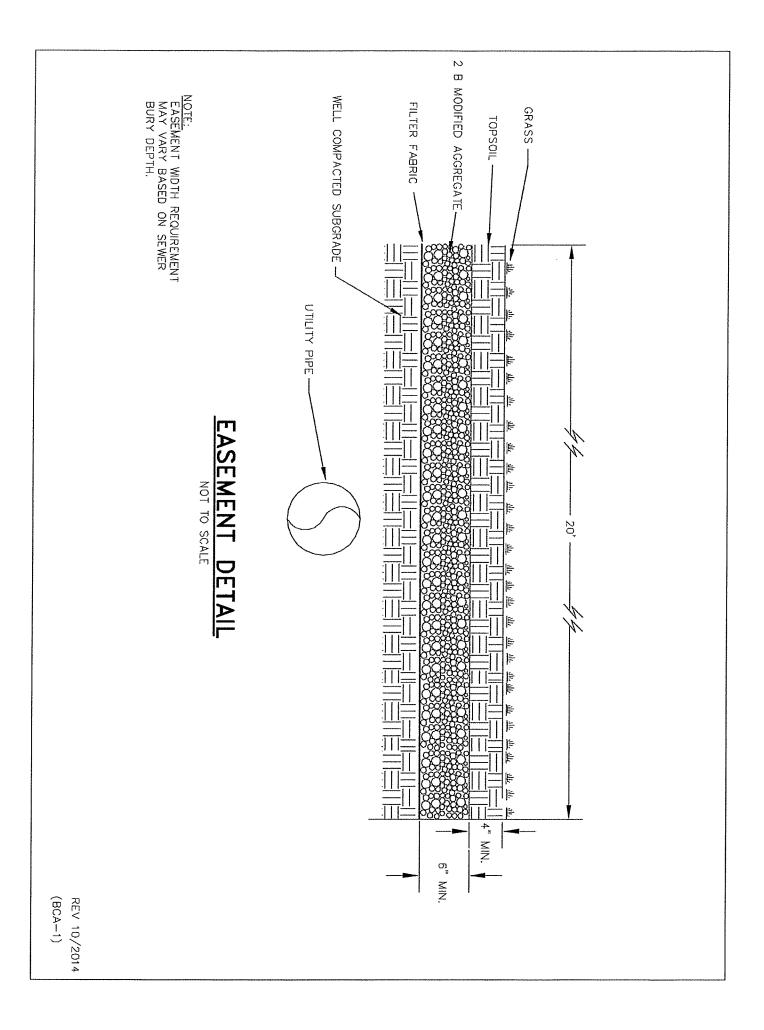
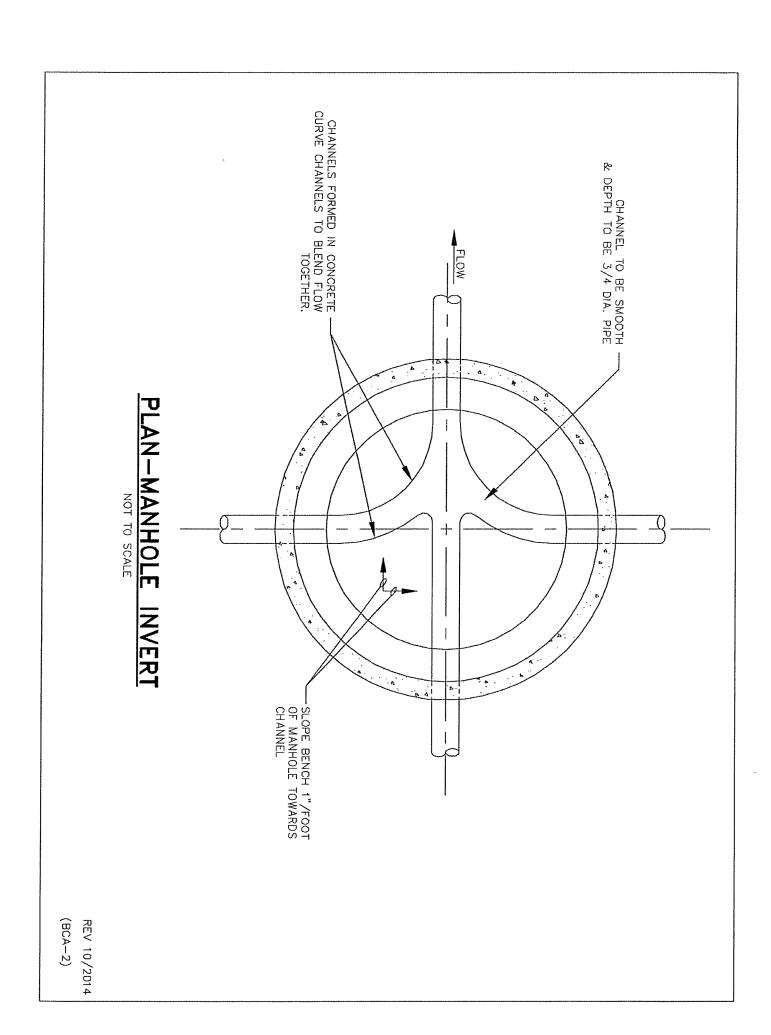
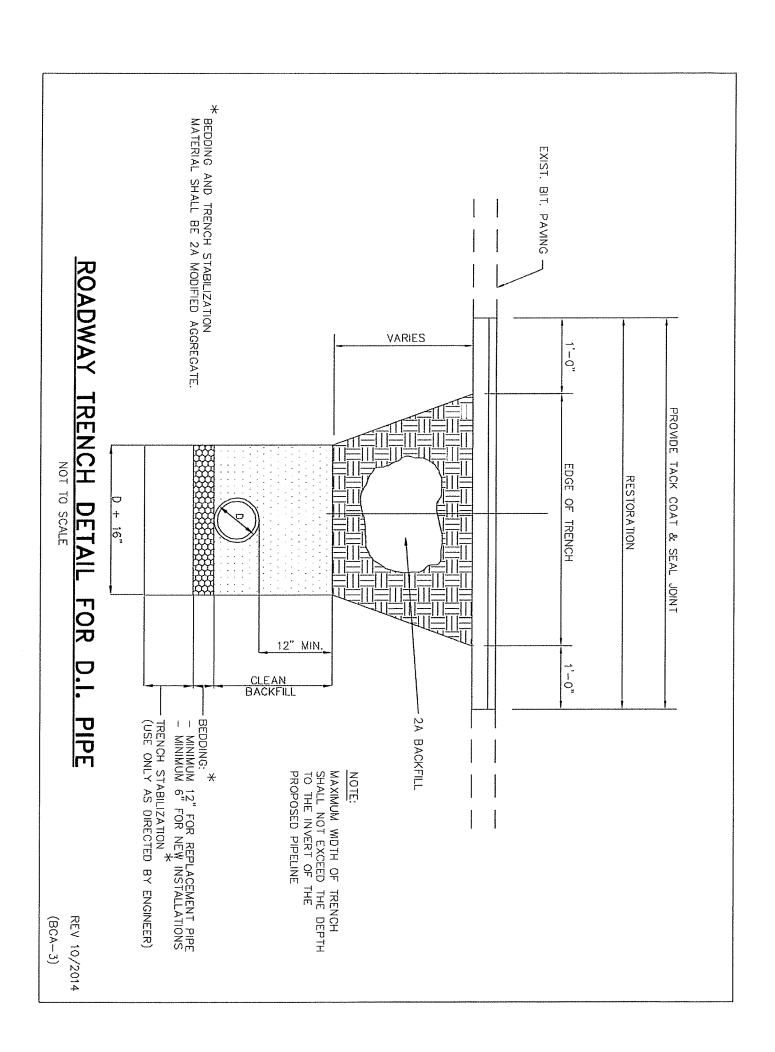
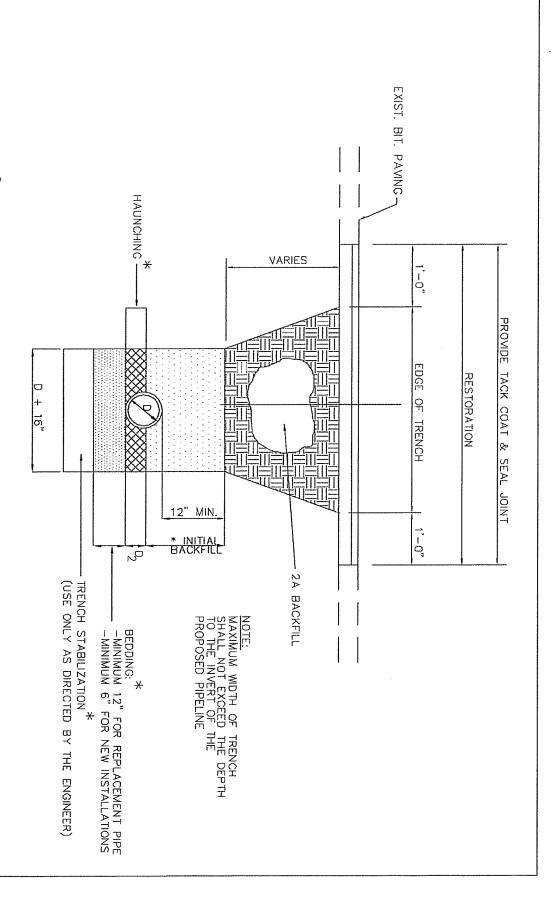
BOROUGH OF CONSHOHOCKEN AUTHORITY APPENDIX 6 CONSTRUCTION NOTES AND DETAILS









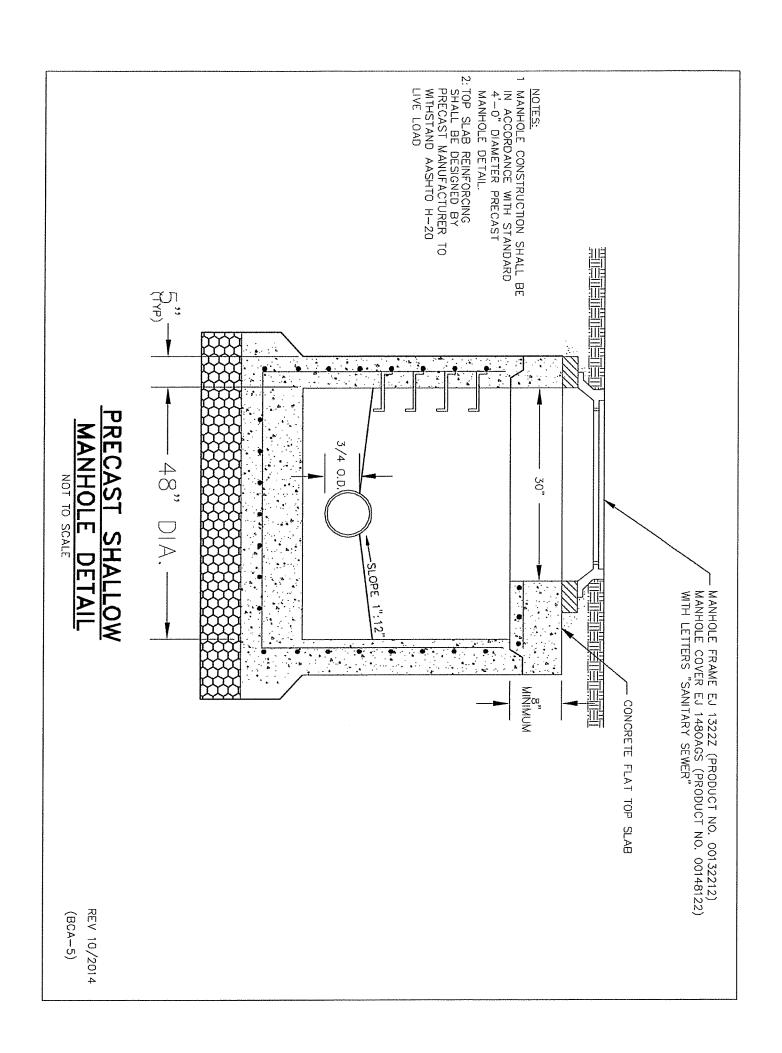
 * INITIAL BACKFILL SHALL BE 28 MODIFIED AGGREGATE. HAUNCHING, BEDDING AND TRENCH STABILIZATION MATERIAL SHALL BE 2A MODIFIED AGGREGATE .

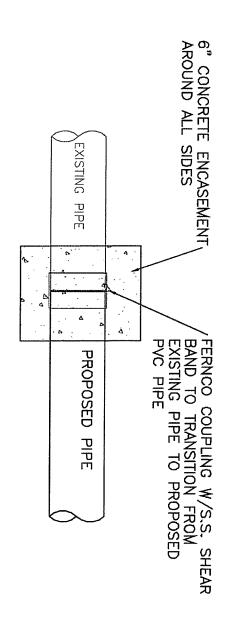
ROADWAY TRENCH DETAIL FOR P.V.C.

NOT TO SCALE

REV 10/2014

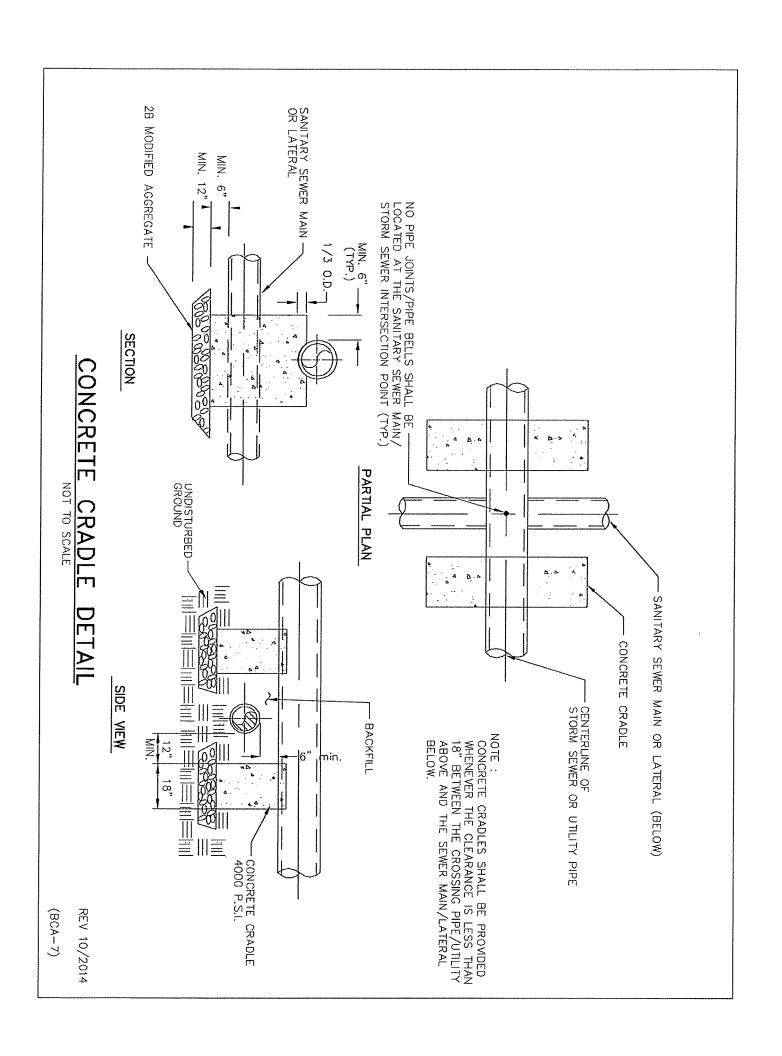
(BCA-4)

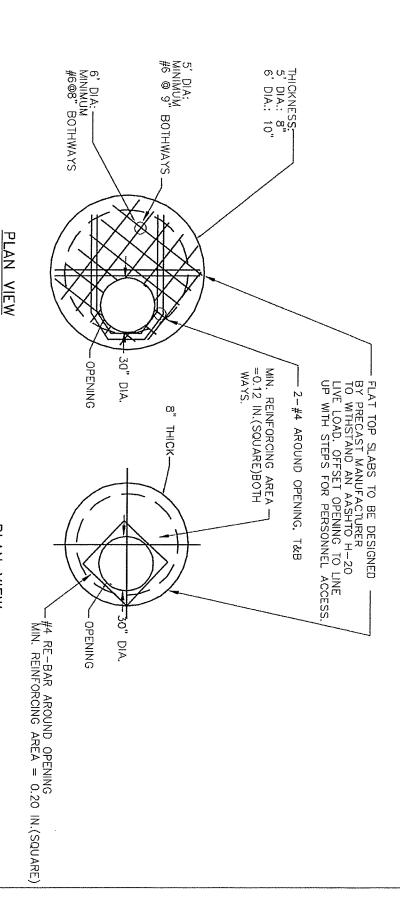




LATERAL CONNECTION DETAIL

(BCA-6)





5'-0" AND 6'-0" DIAMETER MANHOLE

PLAN VIEW 4'-0" DIAMETER MANHOLE

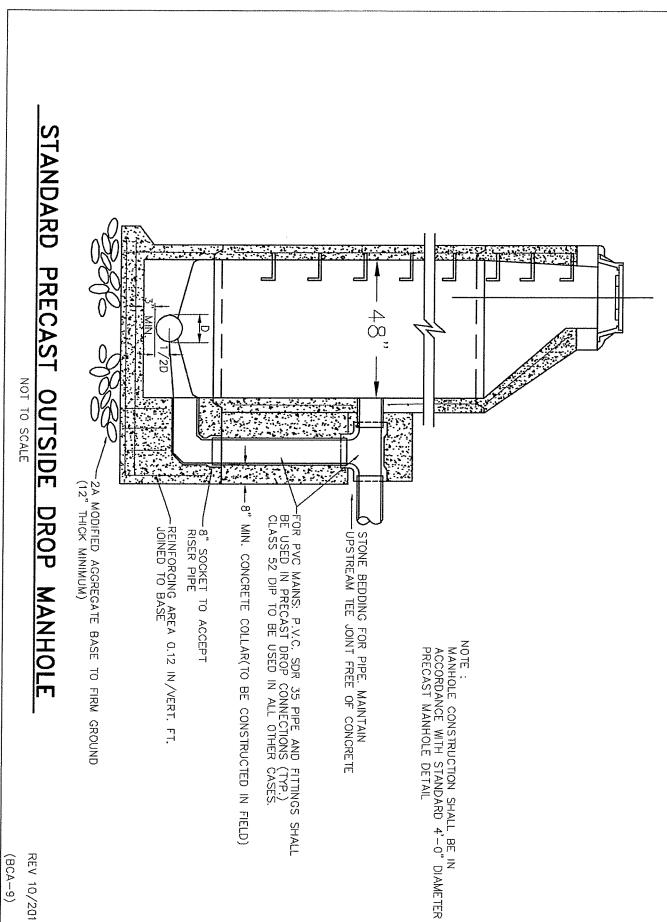
MANHOLE FLAT TOP SLAB DETAIL

NOT TO SCALE

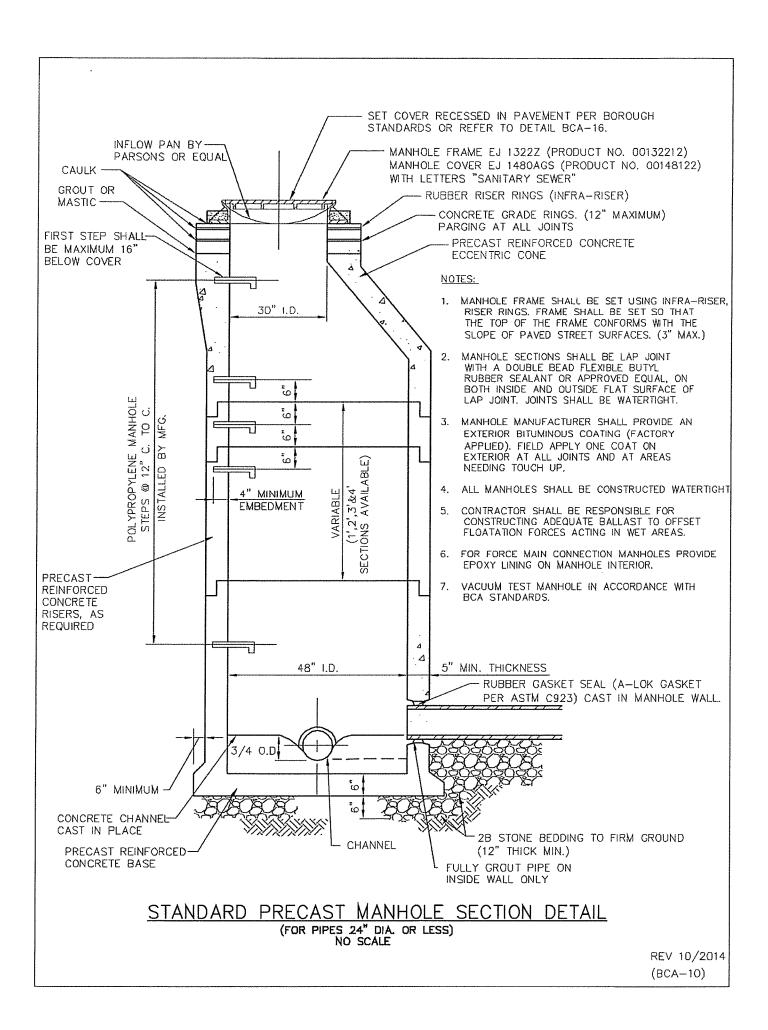
PRECAST MANUFACTURER SHALL PROVIDE STRUCTURAL DESIGN CALCULATIONS SIGNED AND SEALED BY A PA. PROFESSIONAL ENGINEER VERIFYING TOP SLABS HAVE BEEN DESIGNED TO WITHSTAND LOAD LISTED.

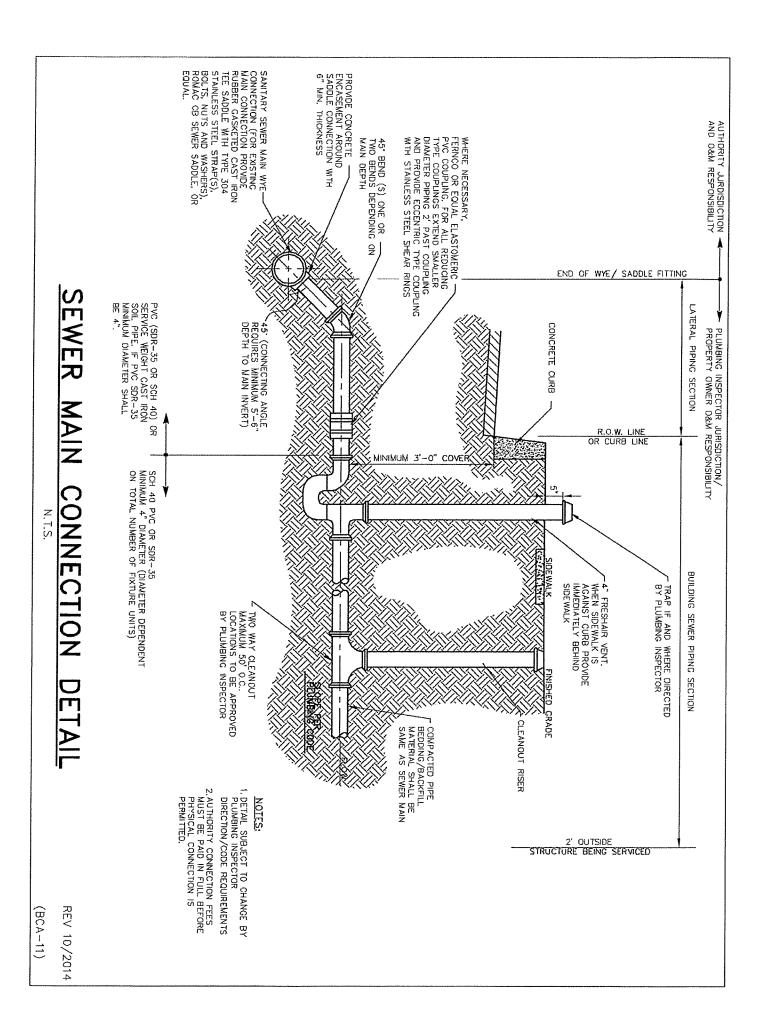
REV 10/2014

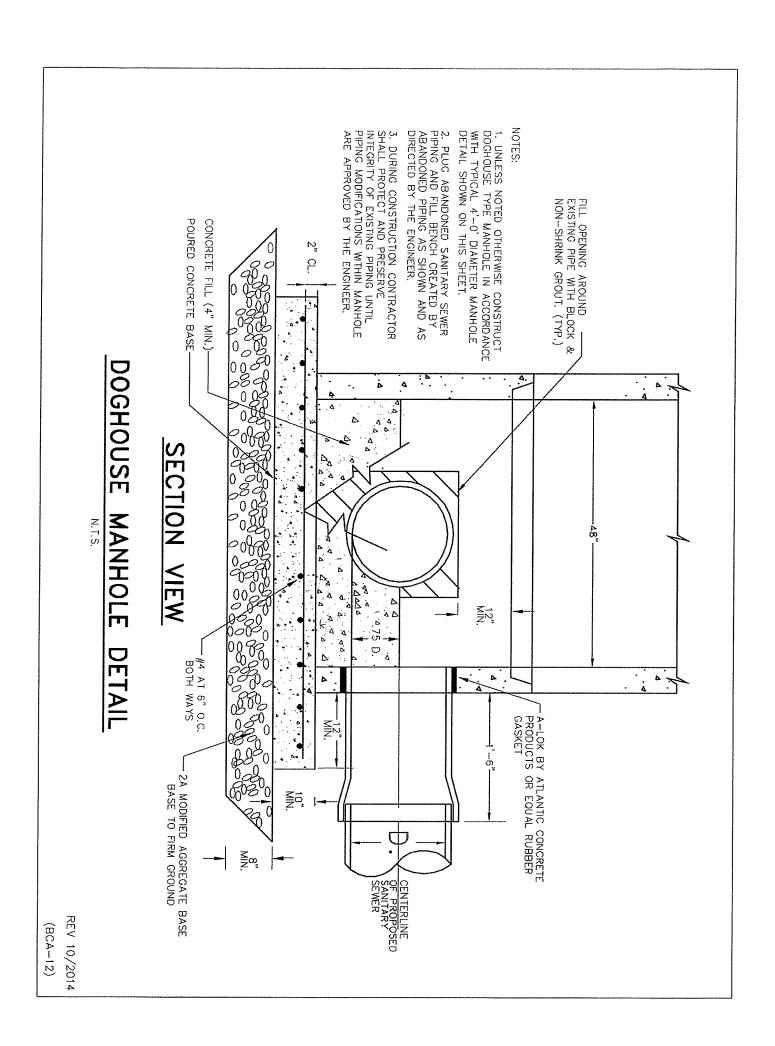
(BCA-8)

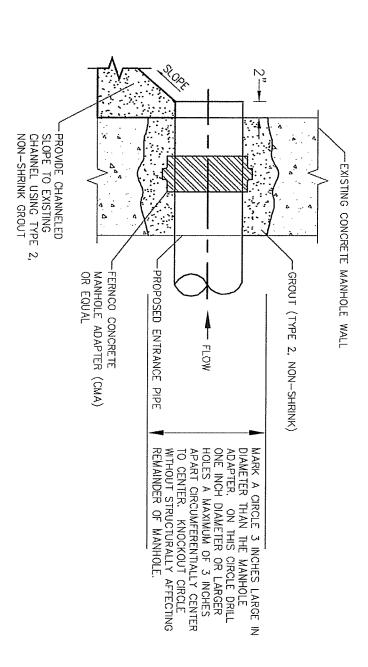


REV 10/2014









CONNECTION TO EXISTING MANHOLE DETAIL

NOT TO SCALE

NOTES

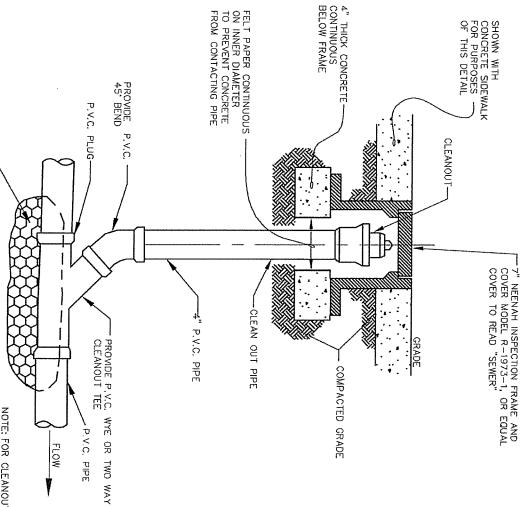
- 1. DO NOT INSTALL IN TEMPERATURES BELOW 35%.
- 2. MANHOLE SHALL NOT BE BACKFILLED AND SHALL BE KEPT DRY UNTIL GROUT CURE PERIOD HAS BEEN ACHIEVED.

(BCA-13)

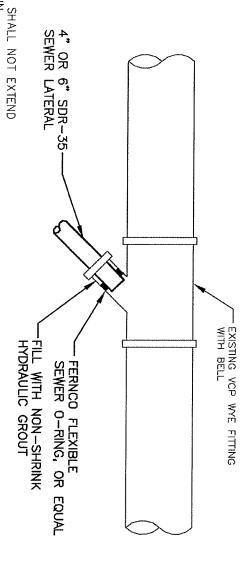
N.T.S.

N SDEWALK/PAVEMENT

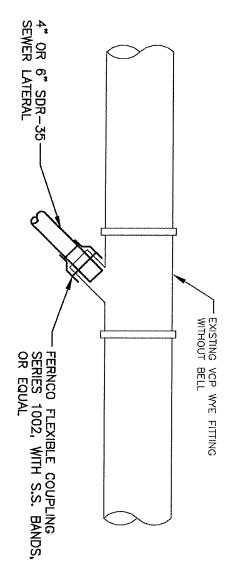
BEDDING 6" MIN. CRUSHED STONE SANITARY LATERAL CLEANOUT DETAL -NOTE: FOR CLEANOUTS IN GRASSED AREAS, TERMINATE VERTICAL PIPE AT GRADE LEVEL AND PROVIDE THREADED CAP.



(BCA-14) REV 10/2014



NOTE : LATERAL PIPING SHALL NOT EXTEND INTO SEWER MAIN.



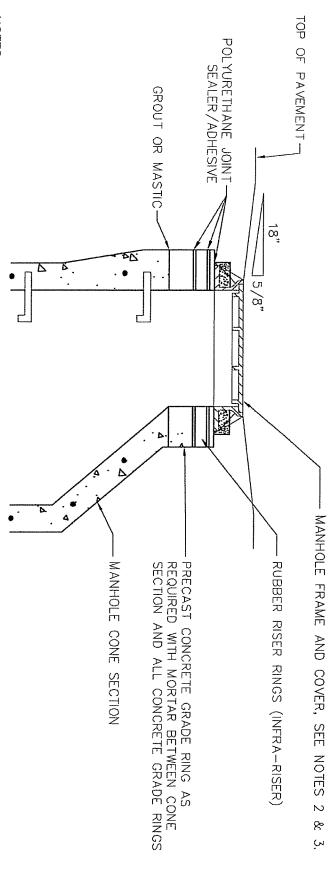
NOTE : LATERAL PIPING SHALL NOT EXTEND INTO SEWER MAIN.

CONNECTION TO EXISTING WYE FITTING ON SEWER MAIN DETAIL

Z.T.

REV 10/2014

(BCA-15)



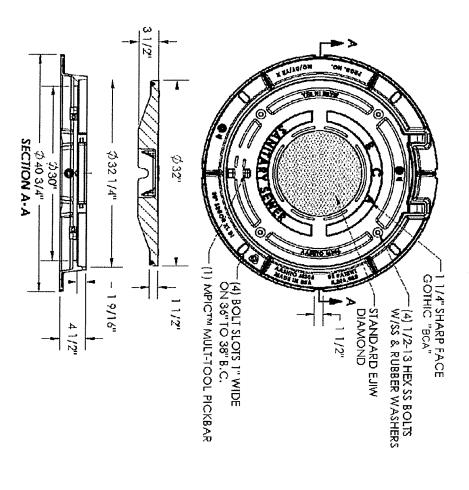
NOTES:

- 1. MANHOLE ADJUSTMENT BY RUBBER RISER RINGS IS 6"
- FOR NEW OR EXISTING MANHOLES WITH 30" CLEAR OPENINGS USE EJ FRAME 1322Z (PRODUCT NO. 00132212) AND EJ COVER 1480AGS (PRODUCT NO. 00148122) WITH LETTERS "SANITARY SEWER".
- $\dot{\mathbb{C}}$ FOR EXISTING MANHOLES WITH 24" CLEAR OPENINGS USE EJ FRAME 1045 (PRODUCT NO. 00104511) AND EJ COVER 1040AGS (PRODUCT NO. 00104033) WITH LETTERS "SANITARY SEWER".
- 4. WHERE WATERTIGHT FRAME AND COVERS ARE REQUIRED, SEE AUTHORITY ENGINEER
- 5. CONTRACTOR SHALL PARGE INSIDE AND EXTERIOR CHIMNEY SECTIONS

MANHOLE FRAME AND COVER REPLACEMENT GRADE ADJUSTMENT AND/OR

NO SCALE

REV 10/2014 (BCA-16)



NOTES:

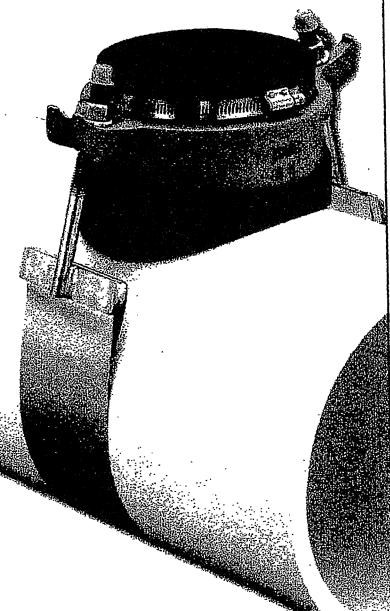
FRAME AND COVER SHALL BE EJ ERGO XL ASSEMBLY (PRODUCT NO. 41421003L01)

WATERTIGHT MANHOLE FRAME COVER DETAIL

NO SCALE

REV 10/2014 (BCA-17)

CB SEWER SADDLE



A ROMAC" ORIGINAL

Patent#: 4494780

CB Sewer Saddle Design Advantages

Simple Installation

The CB sewer saddle can be installed simply by using a socket wrench or open-end wrench.

Flexibility

Able to conform to pipes of different diameters, the gasket also allows considerable deflection due to earth movement. The gasket's large scaling surface and wide band strongly resist displacement.

Superior Strap

The 304 stainless steel band accommodates a wide range of pipe sizes. The stainless welds are fully passivated (chemically treated after welding to produce a highly corrosion resistant coating). The wide strap distributes the clamping force across the 3 1/2" width.

Inventory Reduction

The CB sewer saddle fits a wide range of pipe diameters.

Reliability

Continuous rubber connection between rim and branch eliminates potential leak spots. Saddles have been tested to pressures well in excess of typical service test requirements.

NOTE: A pipe stop capable of withstanding 1,000 pounds of thrust is molded into the CB raddle gasket. Care must be taken during system design and installation to assure that this thrust limit is not exceeded.



