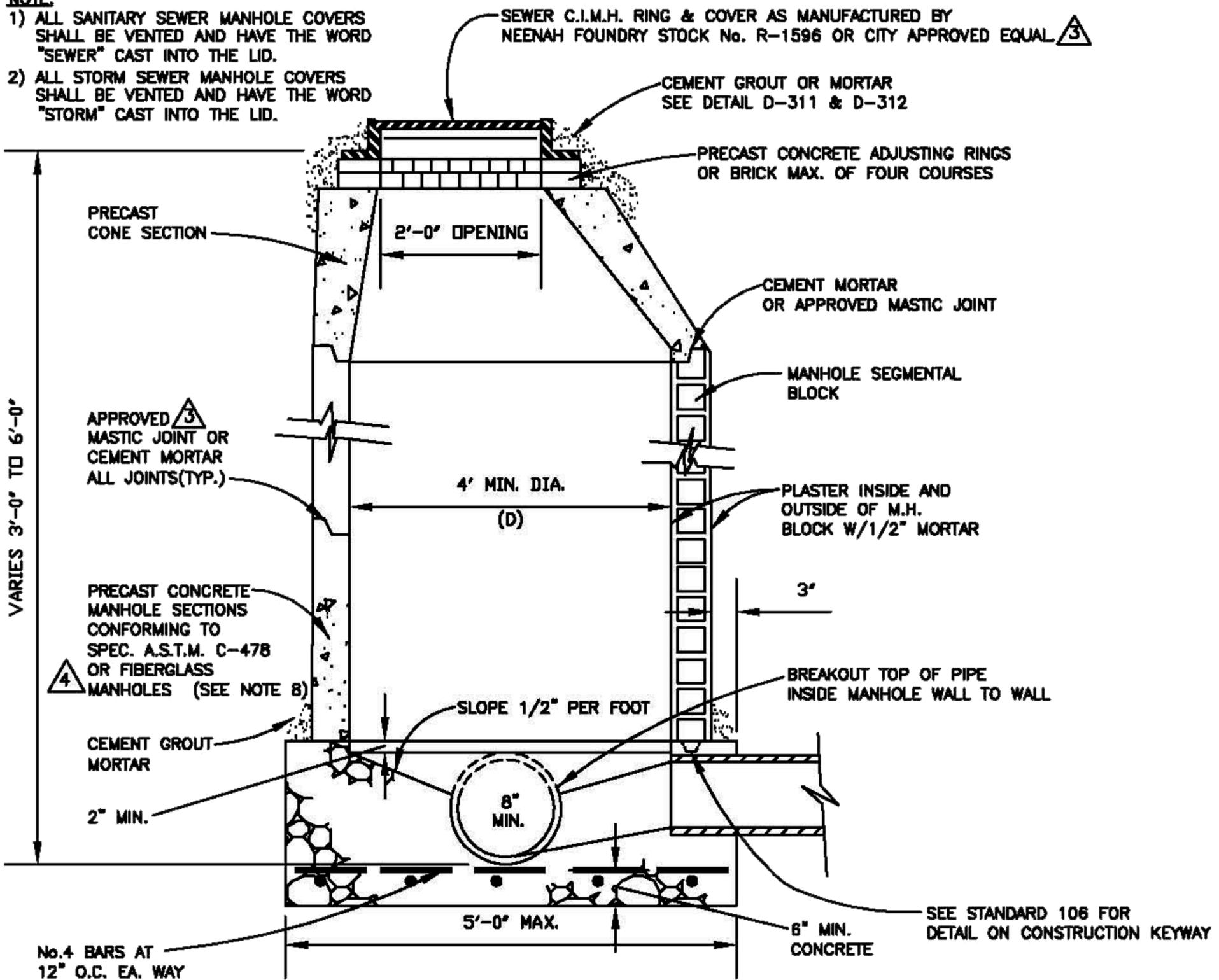
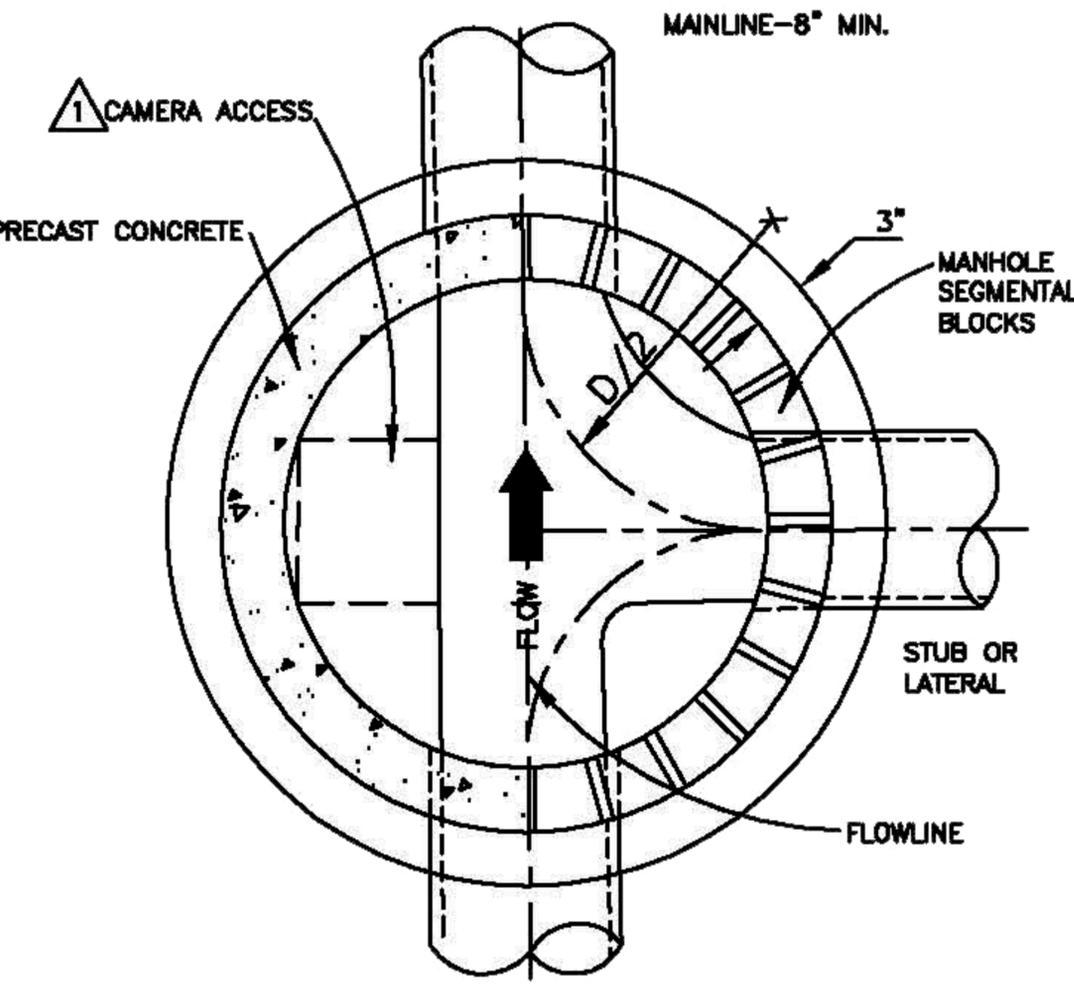


- NOTE:**
- 1) ALL SANITARY SEWER MANHOLE COVERS SHALL BE VENTED AND HAVE THE WORD "SEWER" CAST INTO THE LID.
 - 2) ALL STORM SEWER MANHOLE COVERS SHALL BE VENTED AND HAVE THE WORD "STORM" CAST INTO THE LID.



GENERAL NOTES: $\triangle 2$ $\triangle 4$

- 1) COMPACT BACKFILL TO 95%
- 2) POSITION M.H. OPENING OVER THE UPSTREAM SIDE OF MAIN LINE.
- 3) PIPE PENETRATION INTO MANHOLE SHALL BE FLUSH TO 2" MAX., MEASURED AT SPRINGLINE OF PIPE
- 4) MANHOLE COVER SHALL HAVE A 5/8" MIN TO 1" MAX DIAMETER VENT HOLE CENTERED IN COVER.
- 5) FOR PRETREATMENT MANHOLES, CONTACT THE CITY LAB, PRE-TREATMENT COORDINATOR FOR PURCHASED OF A PREFRABRICATED PIPE SECTION.
- 6) ALL LIFTING HOLES AND GAPS BETWEEN MANHOLE RINGS AND LID, ETC... SHOULD BE FILLED WITH NON SHRINK GROUT.
- 7) MANHOLES IN A NON-PAVED AREA SHALL HAVE A MIN. 48" SQUARE CONCRETE APRON OR BE RAISED A MIN. 6" OR AS DIRECTED BY THE CITY ENGINEER.
- 8) FIBERGLASS MANHOLES SHALL BE MANUFACTURED FROM COMMERCIAL GRADE POLYESTER RESIN OR OTHER SUITABLE POLYESTER OR VINYL ESTER RESINS WITH FIBERGLASS REINFORCEMENTS. MANHOLE SHALL BE A ONE PIECE UNIT MANUFACTURED TO MEET OF EXCEED ALL SPECIFICATION OF A.S.T.M. D-3753 LATEST EDITION. FIBERGLASS MANHOLE MANUFACTURER SHALL DEMONSTRATE CONTINUED EXPERIENCE AS A MANUFACTURER OF FIBERGLASS WASTEWATER PRODUCTS FOR A PERIOD OF NOT LESS THAN FIVE YEARS. IN ADDITION ALL APPROVED MANHOLE MANUFACTURES SHALL BE ISO9001.



REV.	DATE	REV.	DATE
$\triangle 1$	12/08/02	$\triangle 3$	12/02/05
$\triangle 2$	01/07/04	$\triangle 4$	01/31/06

CONSTRUCTION STANDARDS

SHALLOW MANHOLE TYPE "B"

STANDARD NO. D-102 SHEET 1 OF 1

CITY OF AZTEC
PUBLIC WORKS DEPARTMENT