

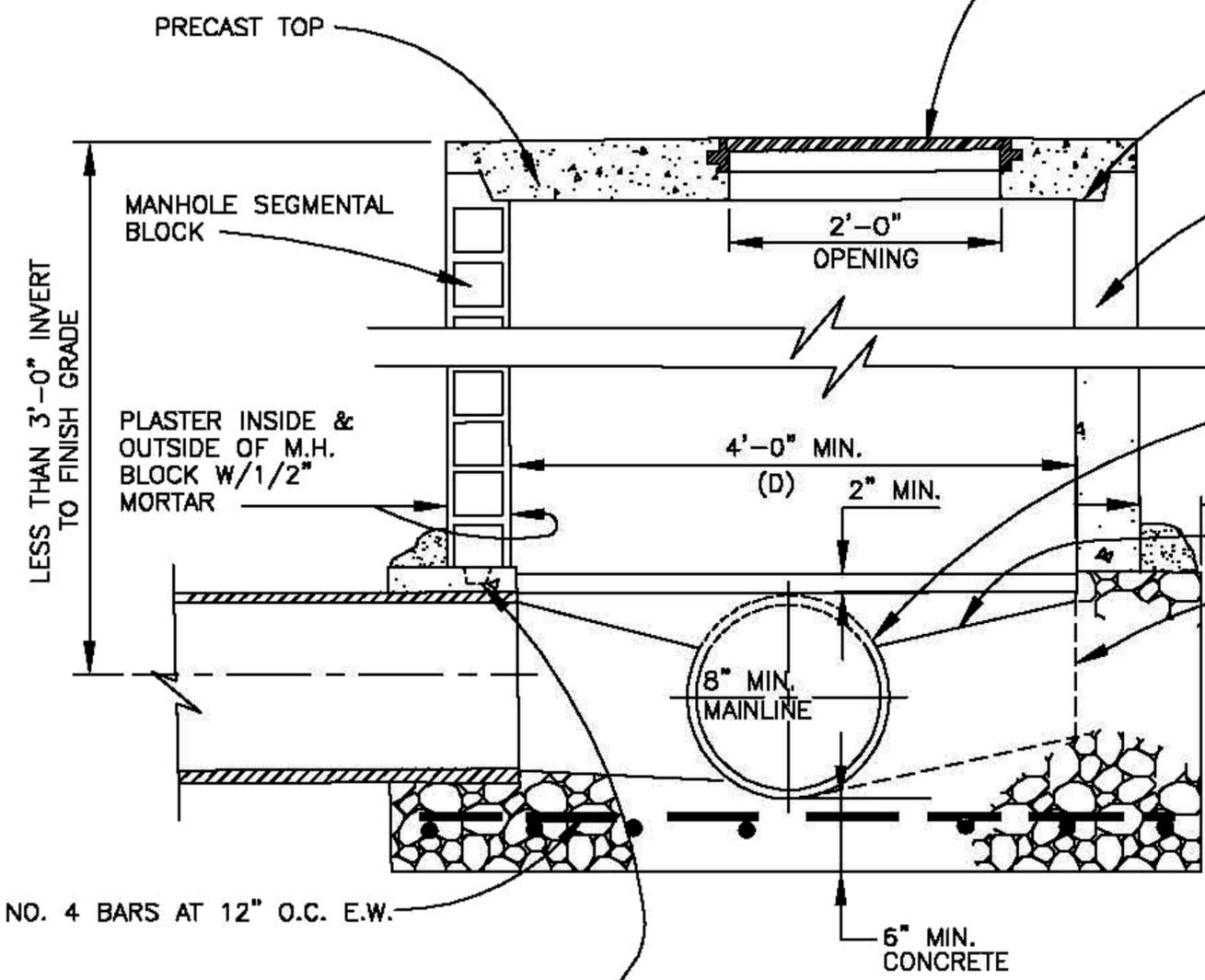
**NOTES**

ALL SANITARY SEWER MH COVERS TO BE VENTED & HAVE THE WORD "SEWER" CAST INTO LID.

ALL STORM SEWER MH COVERS TO BE VENTED & HAVE THE WORD "STORM" CAST INTO LID.

NEENAH FOUNDRY NO. R-1596 OR AS DIRECTED BY THE CITY ENGINEER. 

C.I.M.H. RING & COVER (INVERTED TYPE) RECESSED INTO FLAT TOP, (SHOWN).



CEMENT MORTAR JOINT OR APPROVED MASTIC JOINT.

PRECAST CONCRETE MANHOLE SECTIONS CONFORMING TO SPEC. A.S.T.M. C-478

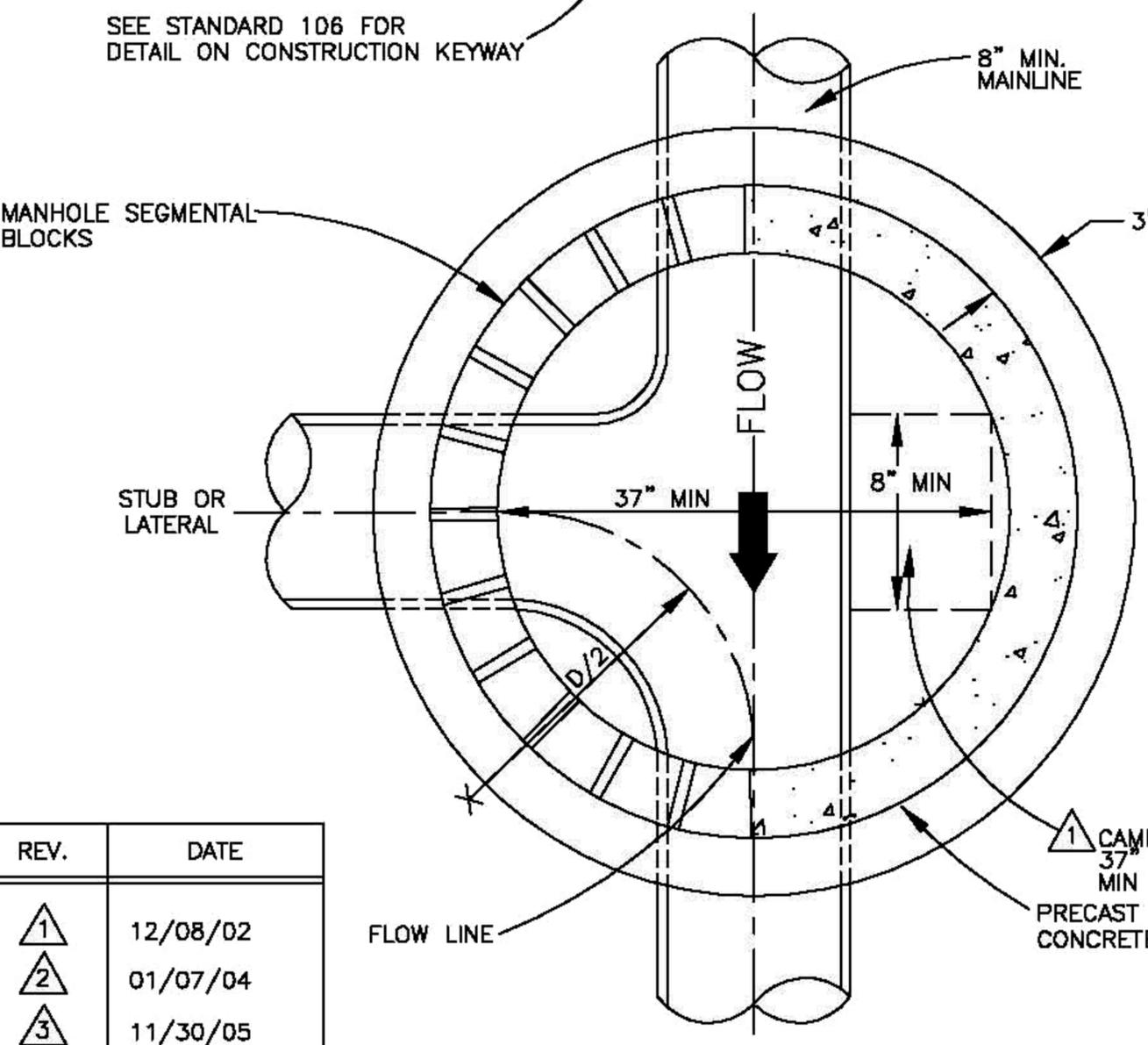
BREAKOUT TOP OF PIPE INSIDE MANHOLE FROM WALL TO WALL

SLOPE 1/2" PER FOOT

DASHED LINES CAMERA ACCESS

**GENERAL NOTES:** 

- 1) SEE STANDARD 107 FOR PLACEMENT OF MANHOLE STEPS
- 2) COMPACT BACKFILL TO 95% 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 PURCHASE OF A PREFABRICATED 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
	12/08/02
	01/07/04
	11/30/05
	1/31/06

**CONSTRUCTION STANDARDS**

**SHALLOW MANHOLE TYPE "A"**

STANDARD NO. D-101 SHEET 1 OF 1

**CITY OF AZTEC**  
**PUBLIC WORKS DEPARTMENT**