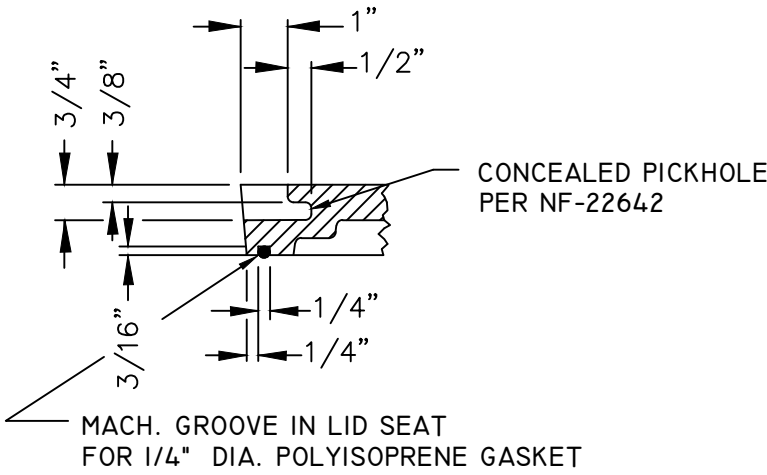


DRAWING
NOT TO SCALE

SEWER PIPE JOINT MATERIALS

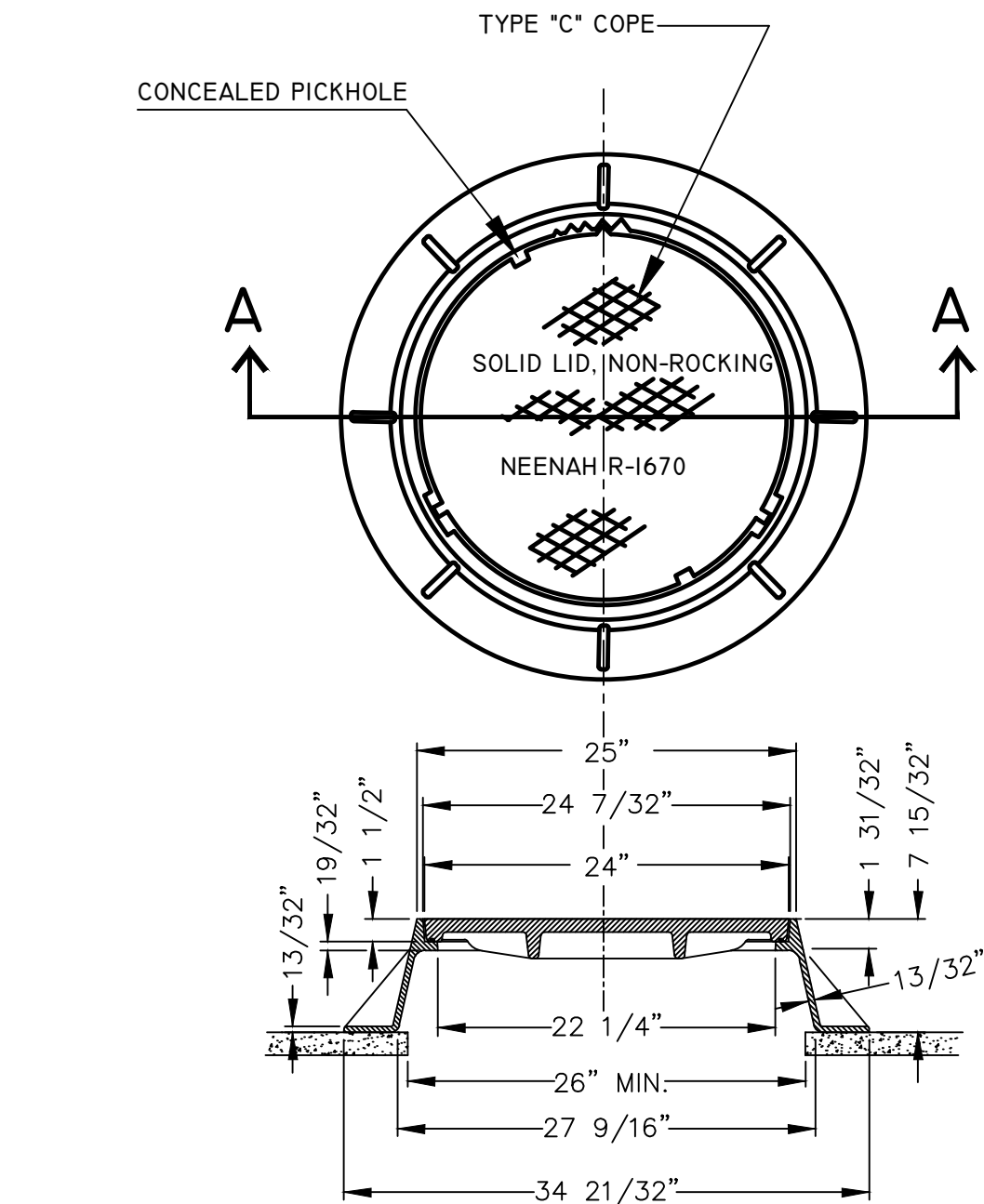
CONCRETE PIPE-RUBBER GASKET (ASTM C-443)
PVC PIPE- ELASTOMETRIC GASKET (ASTM D-3212 & F-477)



SELF-SEAL DETAIL

NOTE

OPENING FOR FRAME & COVER SHALL
BE CENTERED ON MANHOLES WITH FLAT TOPS.

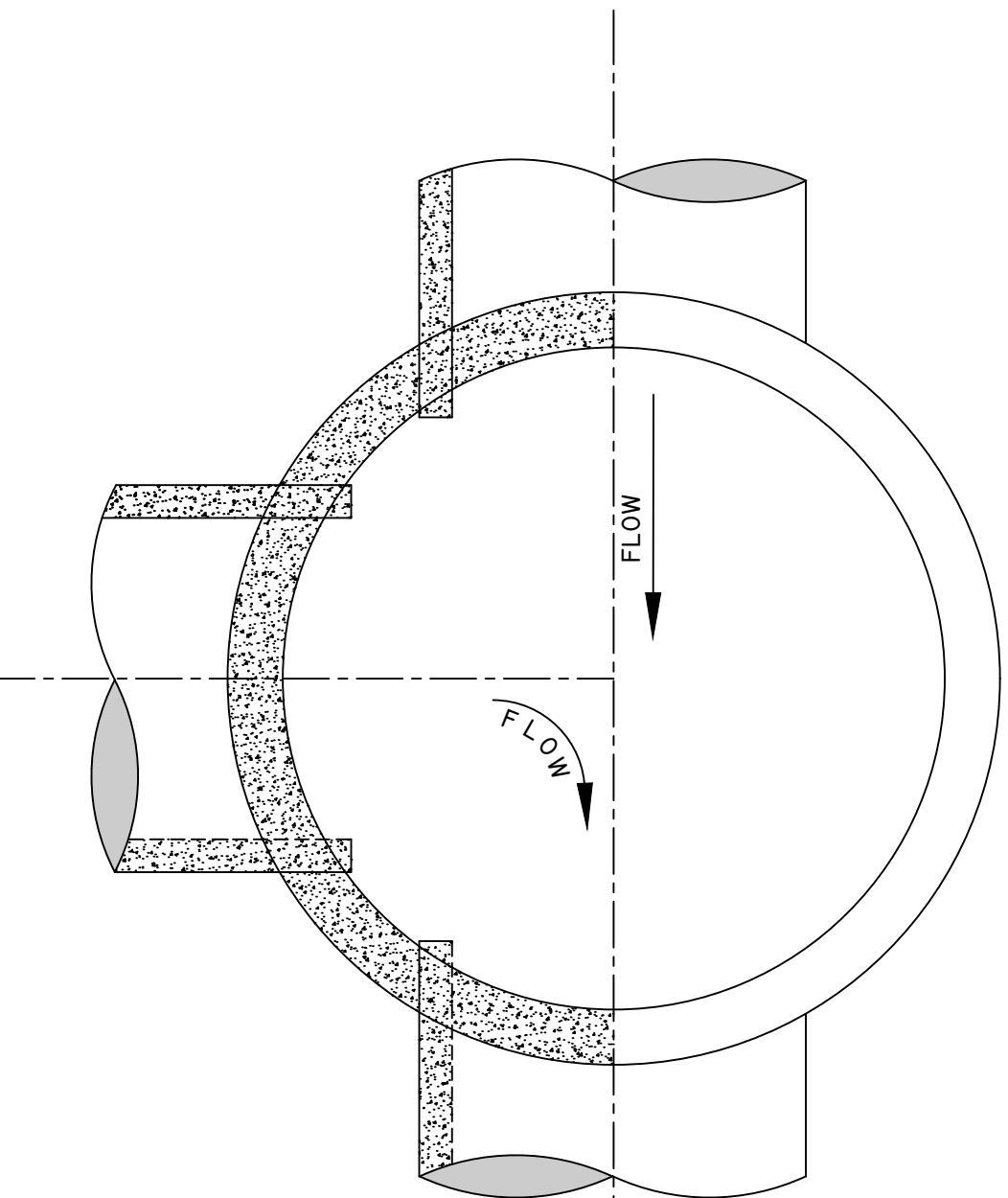
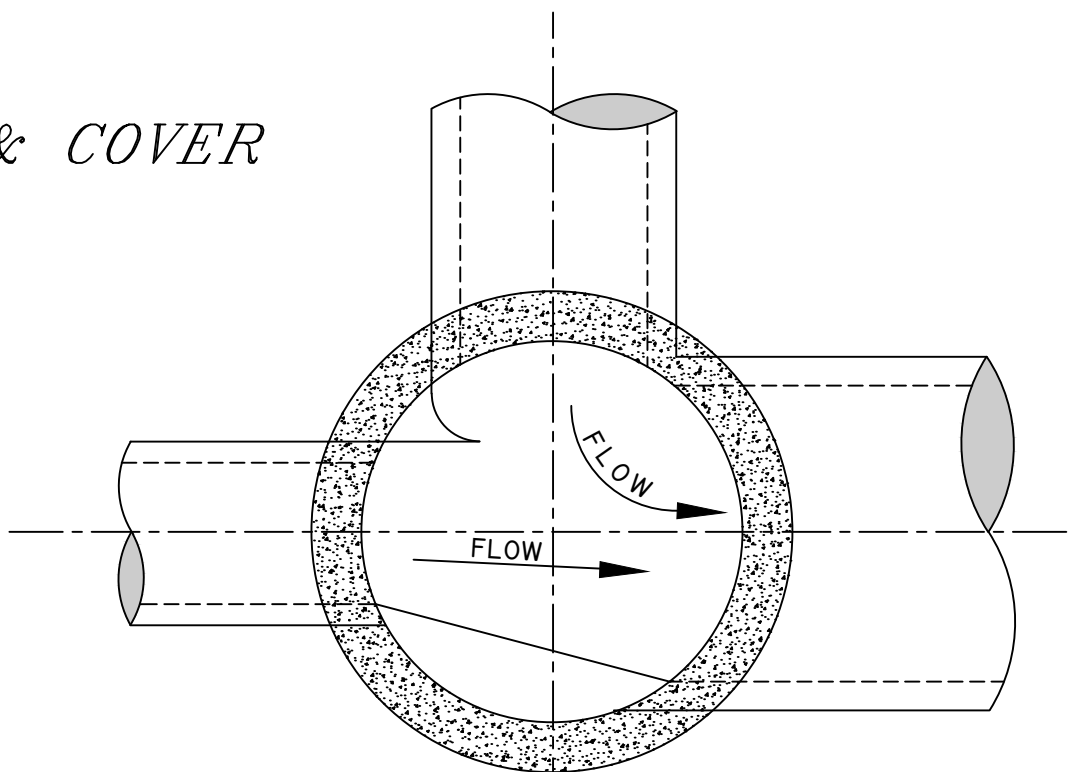


A - A

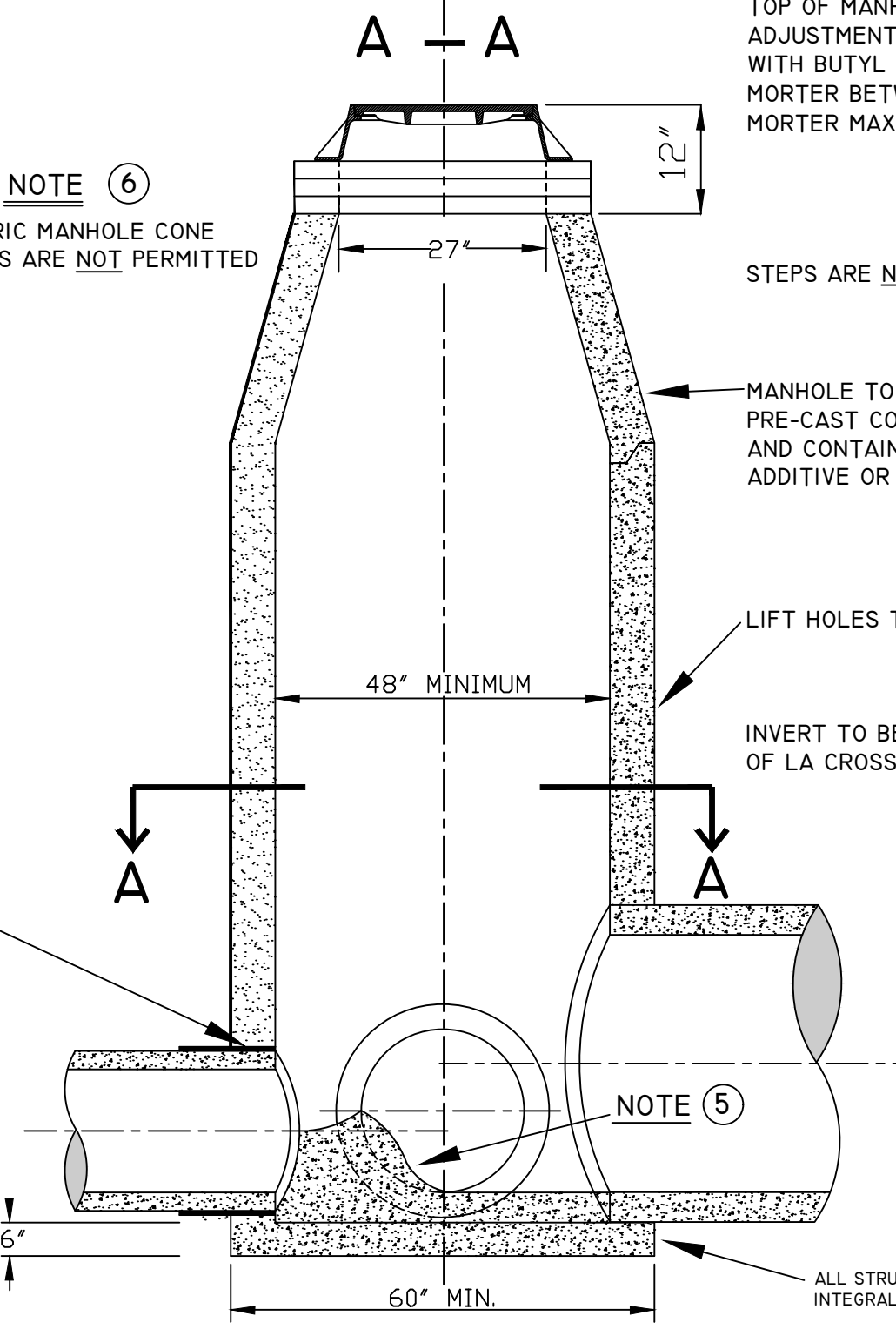
DETAIL OF MANHOLE FRAME & COVER

NEENAH R-1670 OR APPROVED EQUAL

B
D-6



A - A



C
D-6

DETAILS OF STANDARD MANHOLE
FOR 30" PIPE OR SMALLER

NOTE 1
TOP OF MANHOLE TO BE 12" BELOW FINISHED GRADE.
ADJUSTMENT TO BE OF PRE-CAST CONCRETE RINGS
WITH BUTYL GASKETS (ROPE) BETWEEN RINGS AND
MORTAR BETWEEN CASTING & TOP RING ONLY. (3/4"
MORTAR MAX.)

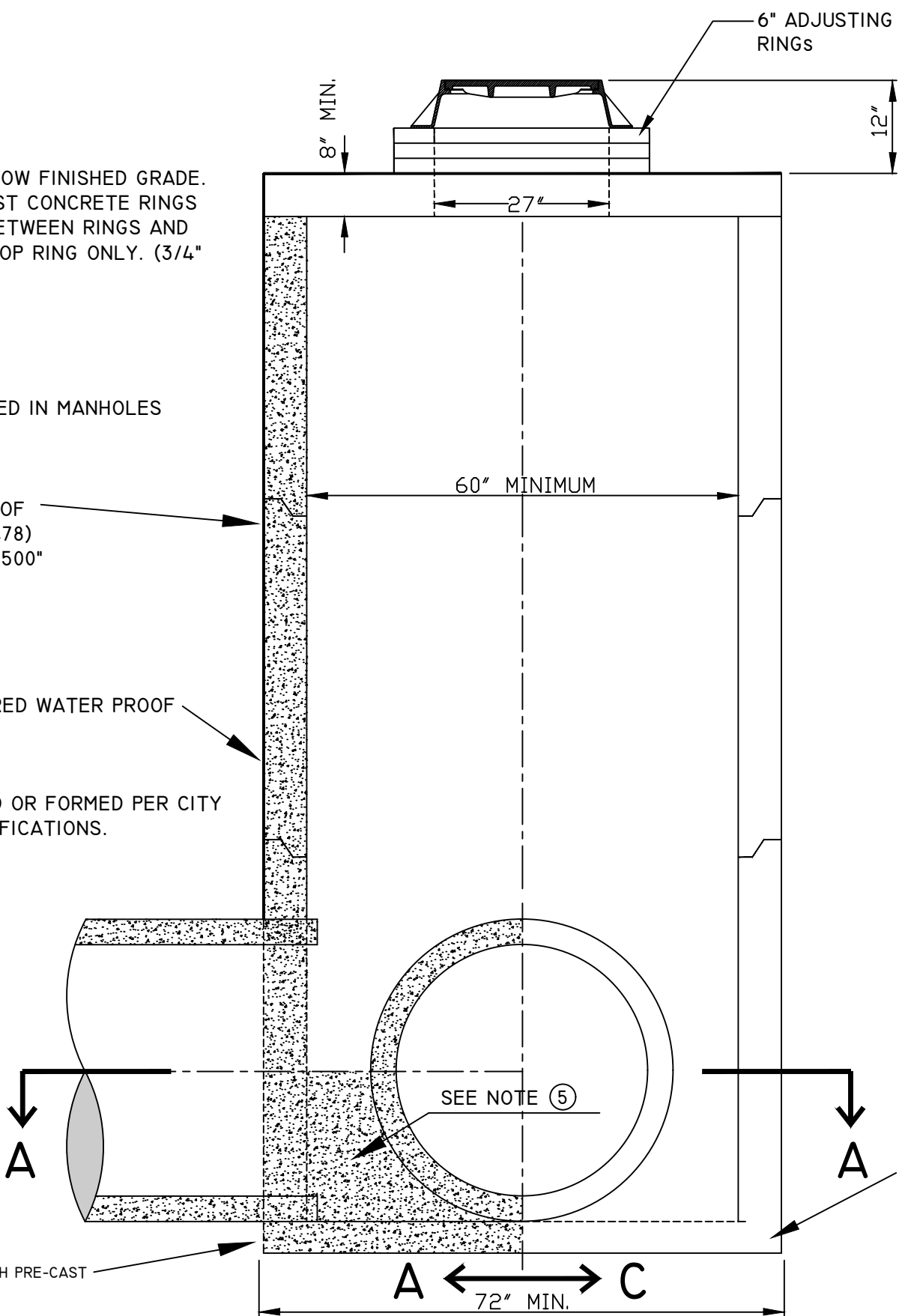
NOTE 2
STEPS ARE NOT TO BE INSTALLED IN MANHOLES

NOTE 3
MANHOLE TO BE CONSTRUCTED OF
PRE-CAST CONCRETE (ASTM C-478)
AND CONTAIN "XYPEX BIO-SAN C500"
ADDITIVE OR APPROVED EQUAL.

NOTE 4
LIFT HOLES TO BE MANUFACTURED WATER PROOF

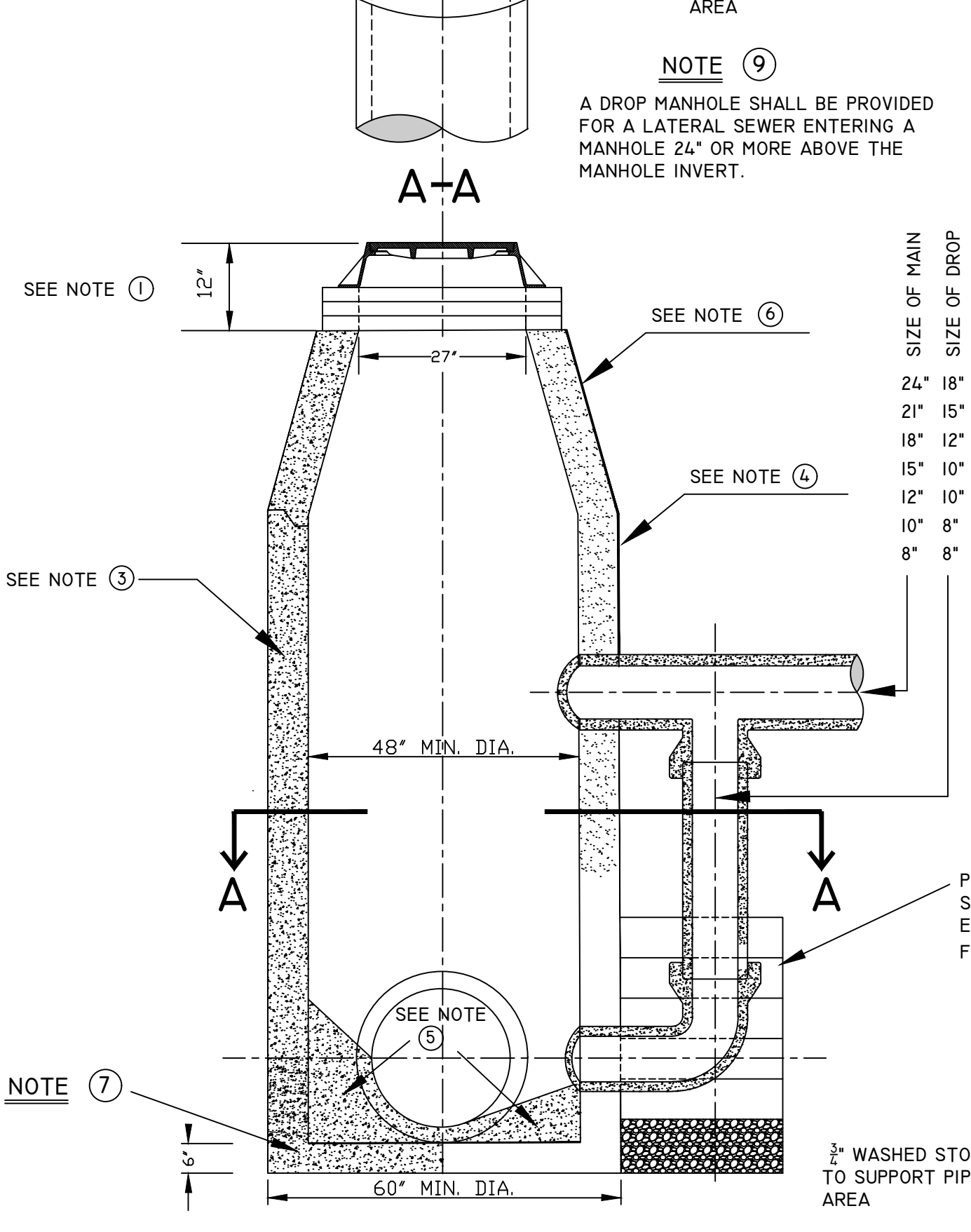
NOTE 5
INVERT TO BE FACTORY MOLDED OR FORMED PER CITY
OF LA CROSSE STANDARD SPECIFICATIONS.

NOTE 7
ALL STRUCTURES TO BE MADE WITH PRE-CAST
INTEGRAL FOOTING BASE: MIN. 6"



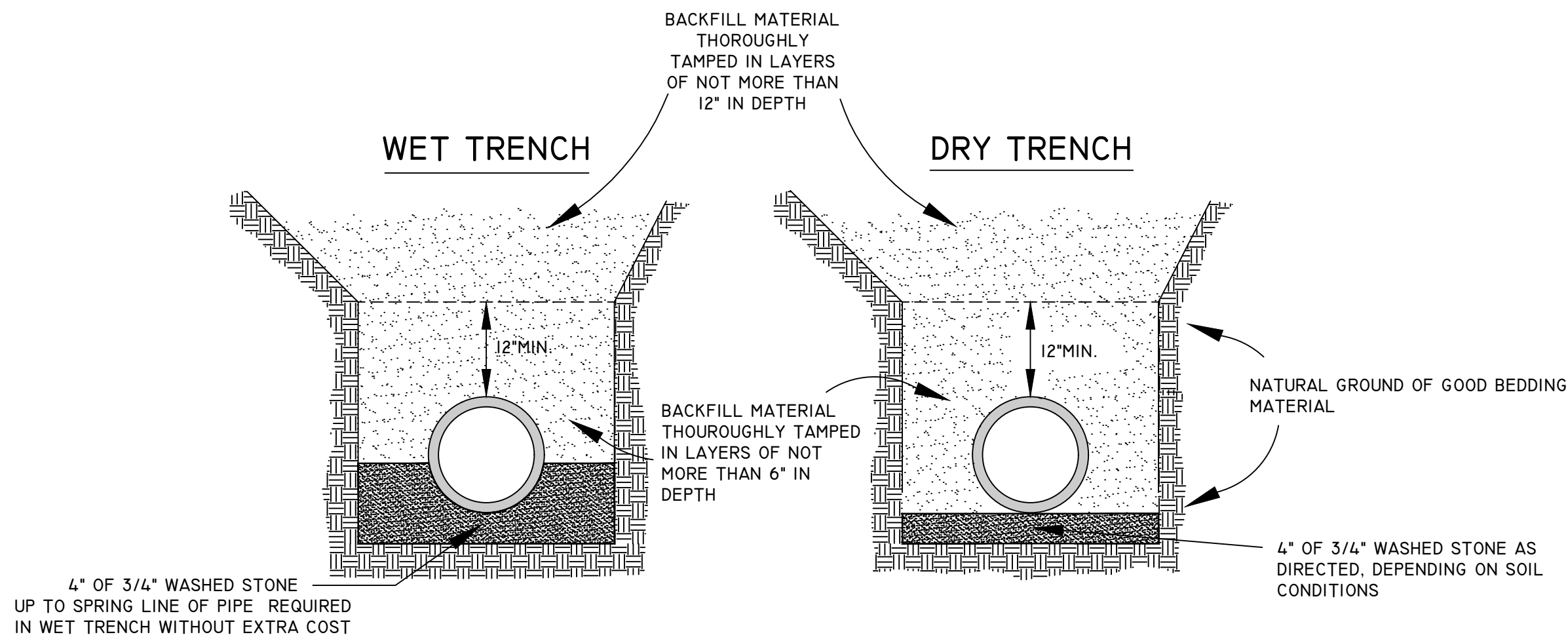
D
D-6

DETAILS OF STANDARD MANHOLE
FOR 36" PIPE OR LARGER



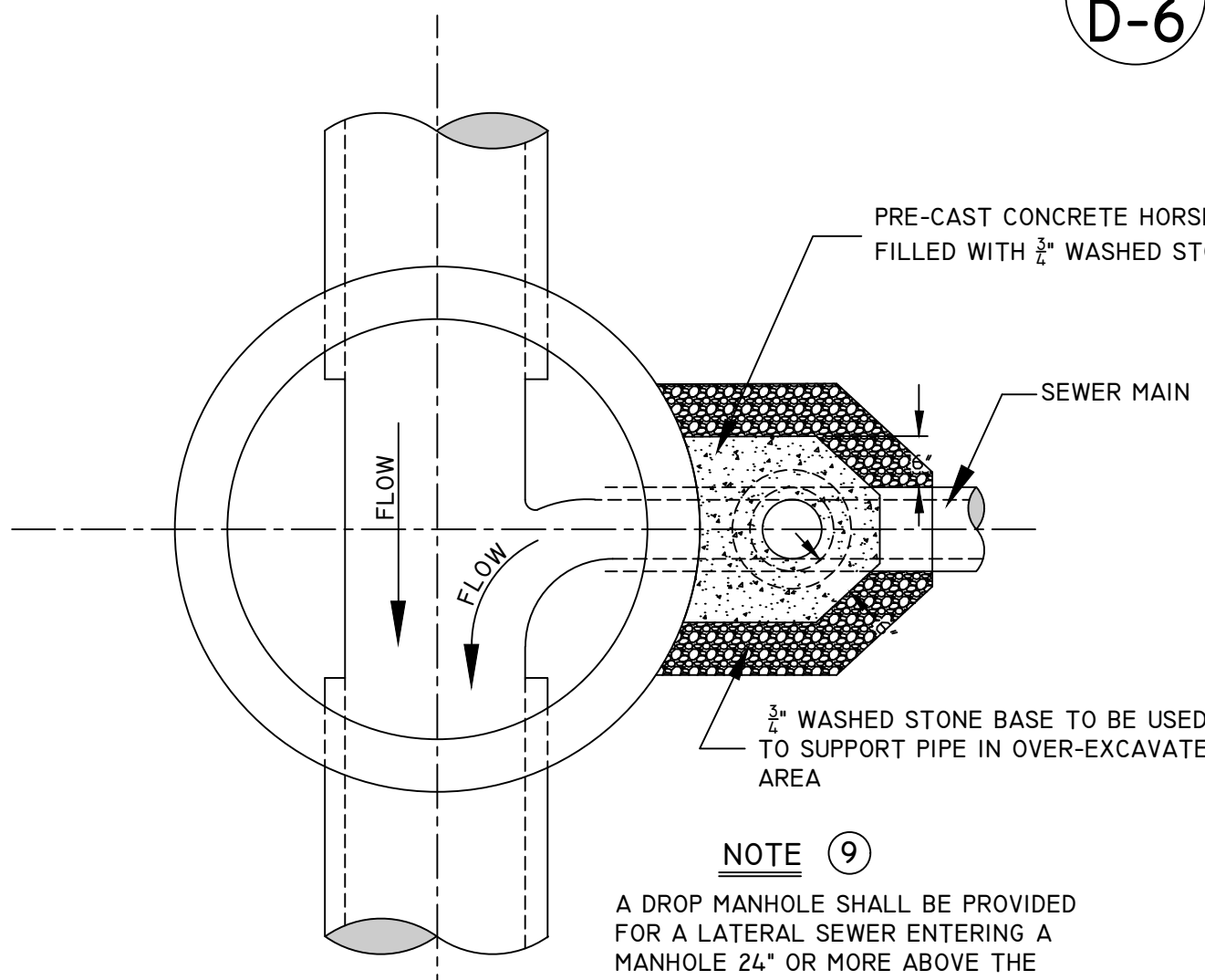
E
D-6

DETAILS OF DROP MANHOLE
FOR 30" PIPE OR SMALLER



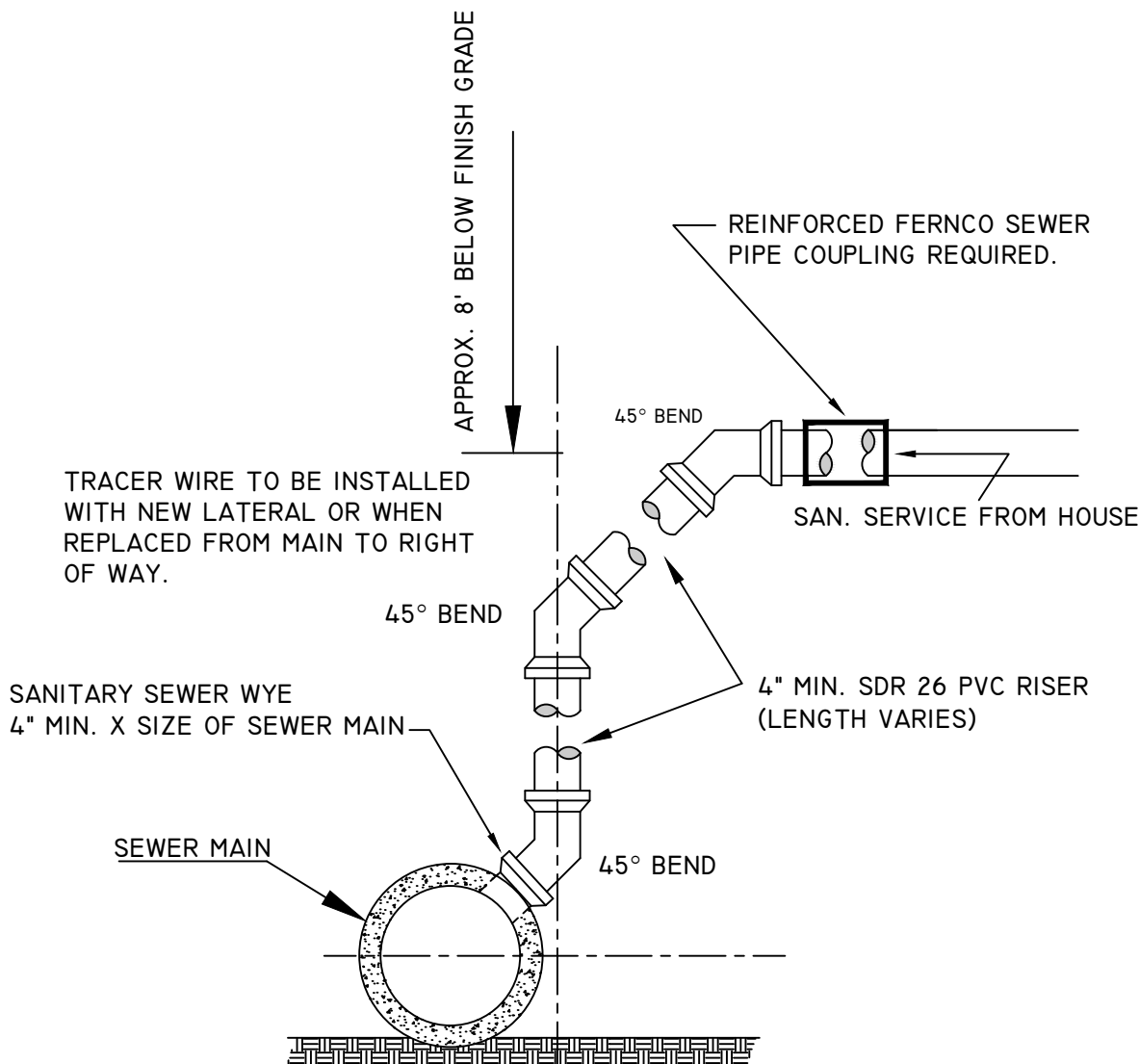
DETAILS OF SEWER TRENCHES

A
D-6



NOTE 9

A DROP MANHOLE SHALL BE PROVIDED
FOR A LATERAL SEWER ENTERING A
MANHOLE 24" OR MORE ABOVE THE
MANHOLE INVERT.



DETAILS OF RISER
FOR LATERAL CONNECTION

F
D-6

SANITARY
SEWER DETAILS

D-6

ENGINEERING DEPT.
City of LaCrosse, Wis.

FIELD	REVISIONS	BY	DATE
BOOK	DRAWN	PRELIMINARY	
NUMBER	CHECKED	FINAL	
	APPROVED		
PAGE	REVISIONS	M.D.F.	J.M.C.
		3/203	6/2015
		J.M.C.	2/2019
		M.D.F.	8/2019
		M.D.F.	11/2019
		J.M.C.	11/2023
		J.M.C.	11/2024

SCALE: NONE