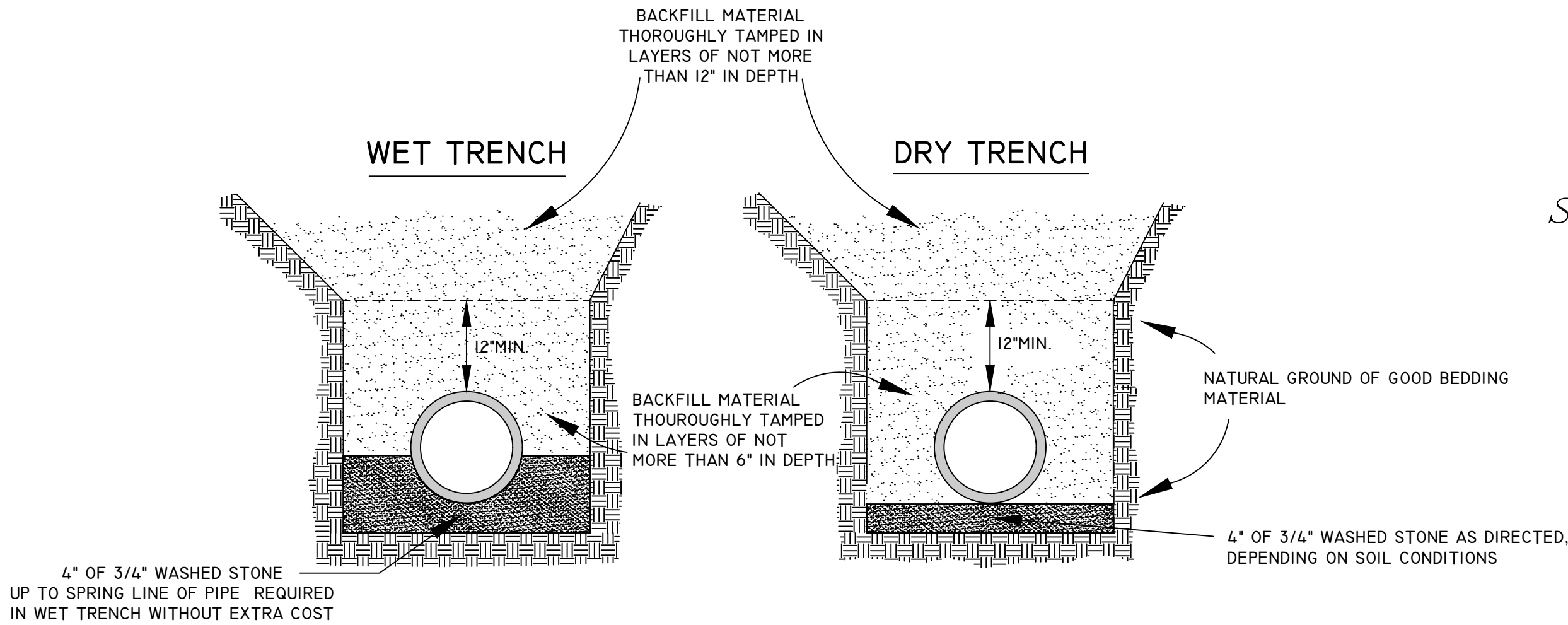


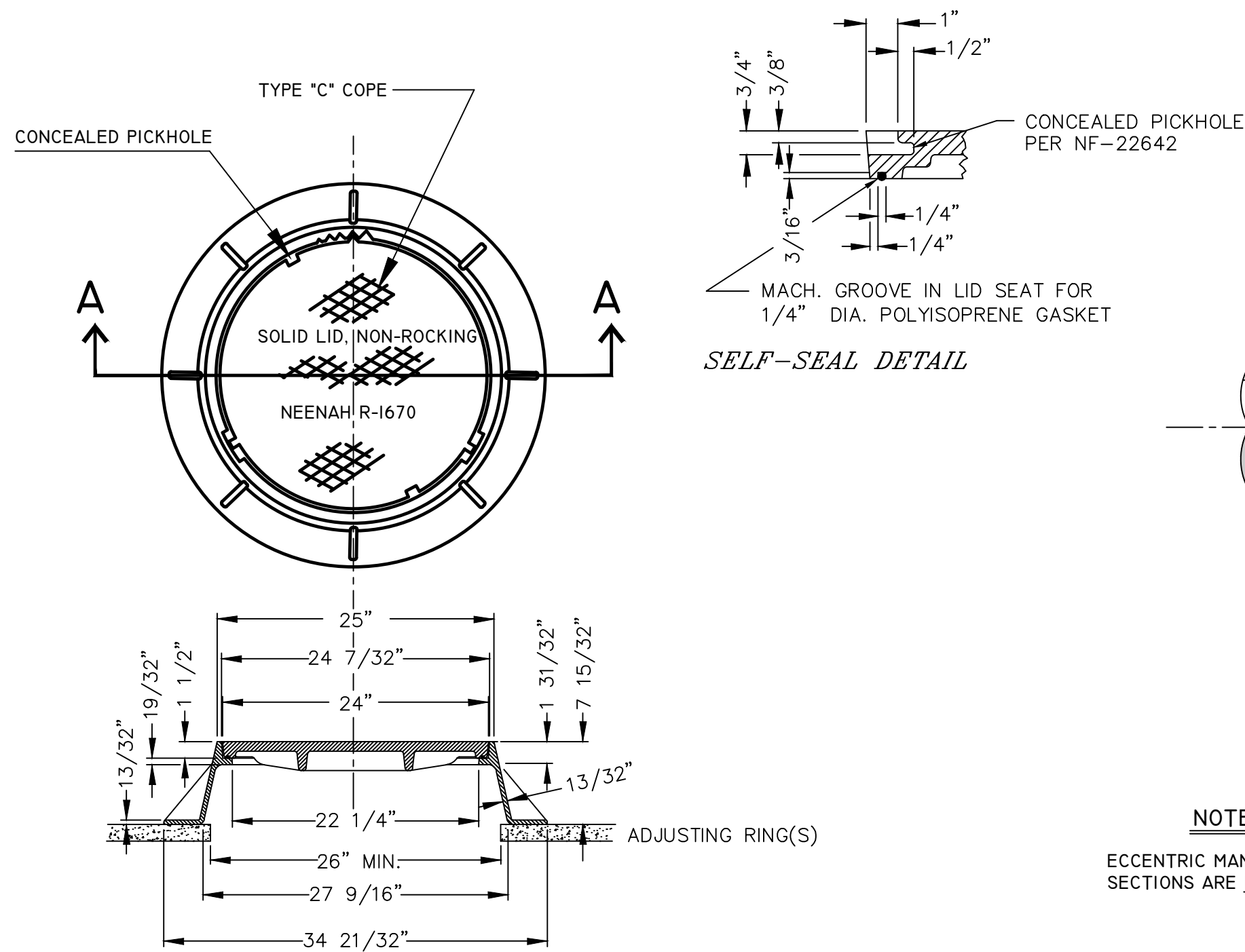
DRAWING
NOT TO SCALE

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



DETAILS OF SEWER TRENCHES

A
D-2



DETAIL OF MANHOLE FRAME & COVER
NEENAH R-1670 OR APPROVED EQUAL

B
D-2

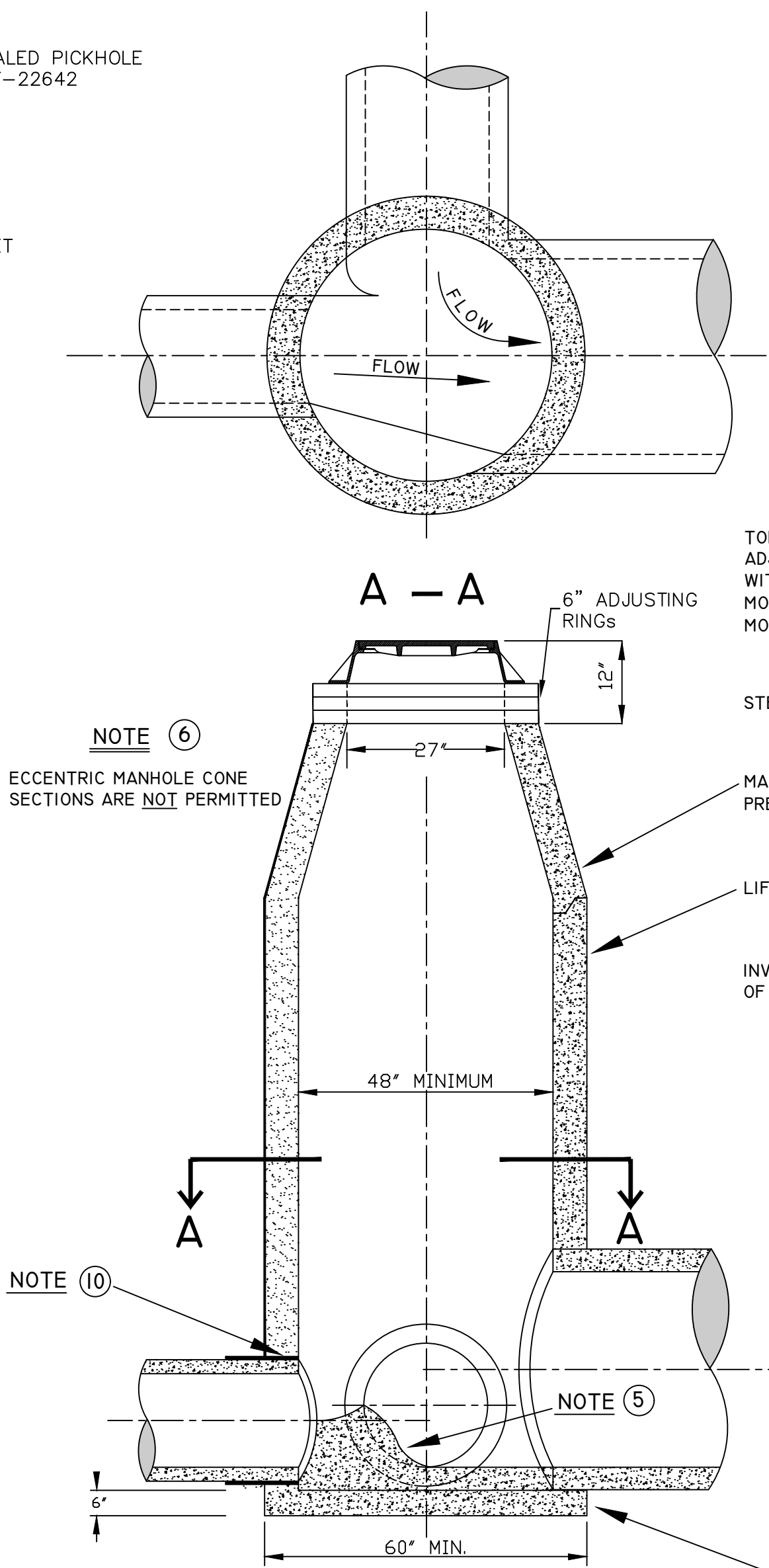
NOTE
OPENING FOR FRAME & COVER SHALL BE CENTERED ON MANHOLES WITH FLAT TOPS.

NOTE ⑩

THE CONNECTION OF ALL PVC STORM WATER PIPE, SIZE 6" TO 30", TO PRECAST MANHOLES OR OTHER STRUCTURES SHALL EMPLOY A WATERTIGHT, FLEXIBLE PIPE-TO-MANHOLE CONNECTOR

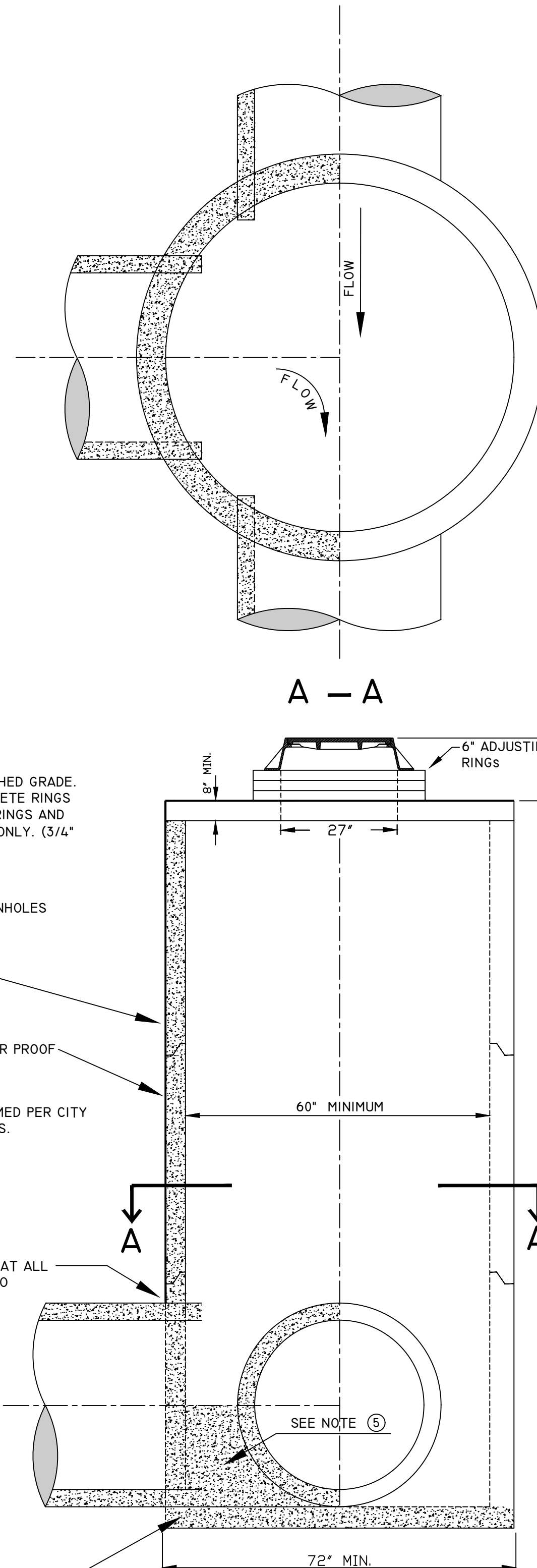
THE CONNECTOR SHALL CONSIST OF A SINGLE RUBBER GASKET, SHALL BE CONSTRUCTED SOLELY OF SYNTHETIC OR NATURAL RUBBER, SHALL MEET/EXCEED THE REQUIREMENTS OF ASTM C 923, AND SHALL HAVE A MINIMUM TENSILE STRENGTH OF 1600 PSI

THE CONNECTOR SHALL BE THE SOLE ELEMENT RELIED ON TO ASSURE A FLEXIBLE, WATERTIGHT SEAL OF THE PIPE TO THE STRUCTURE



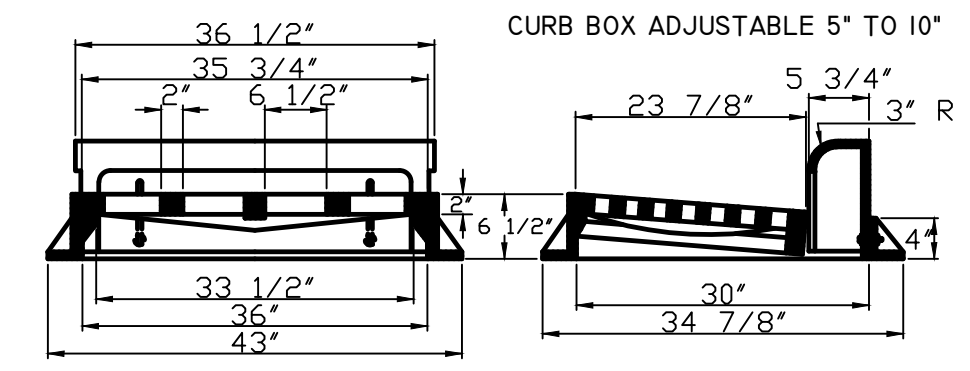
C
D-2

DETAILS OF STANDARD MANHOLE
FOR 30" PIPE OR SMALLER



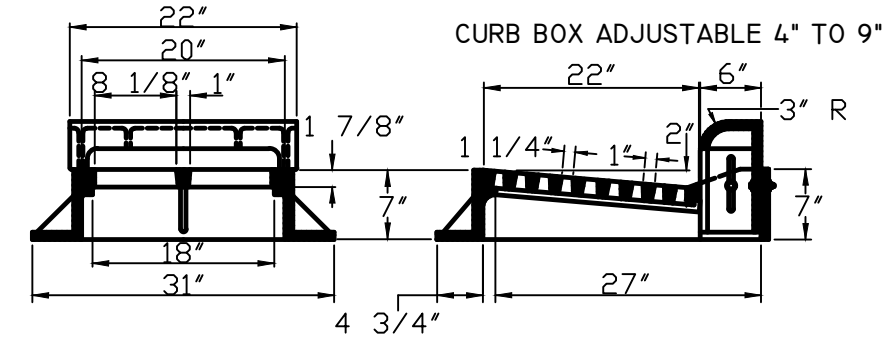
D
D-2

DETAILS OF STANDARD MANHOLE
FOR 36" PIPE OR LARGER



DETAILS OF TYPE "A" CATCH BASIN CASTING
NEENAH R-3246-A OR APPROVED EQUAL

F
D-2

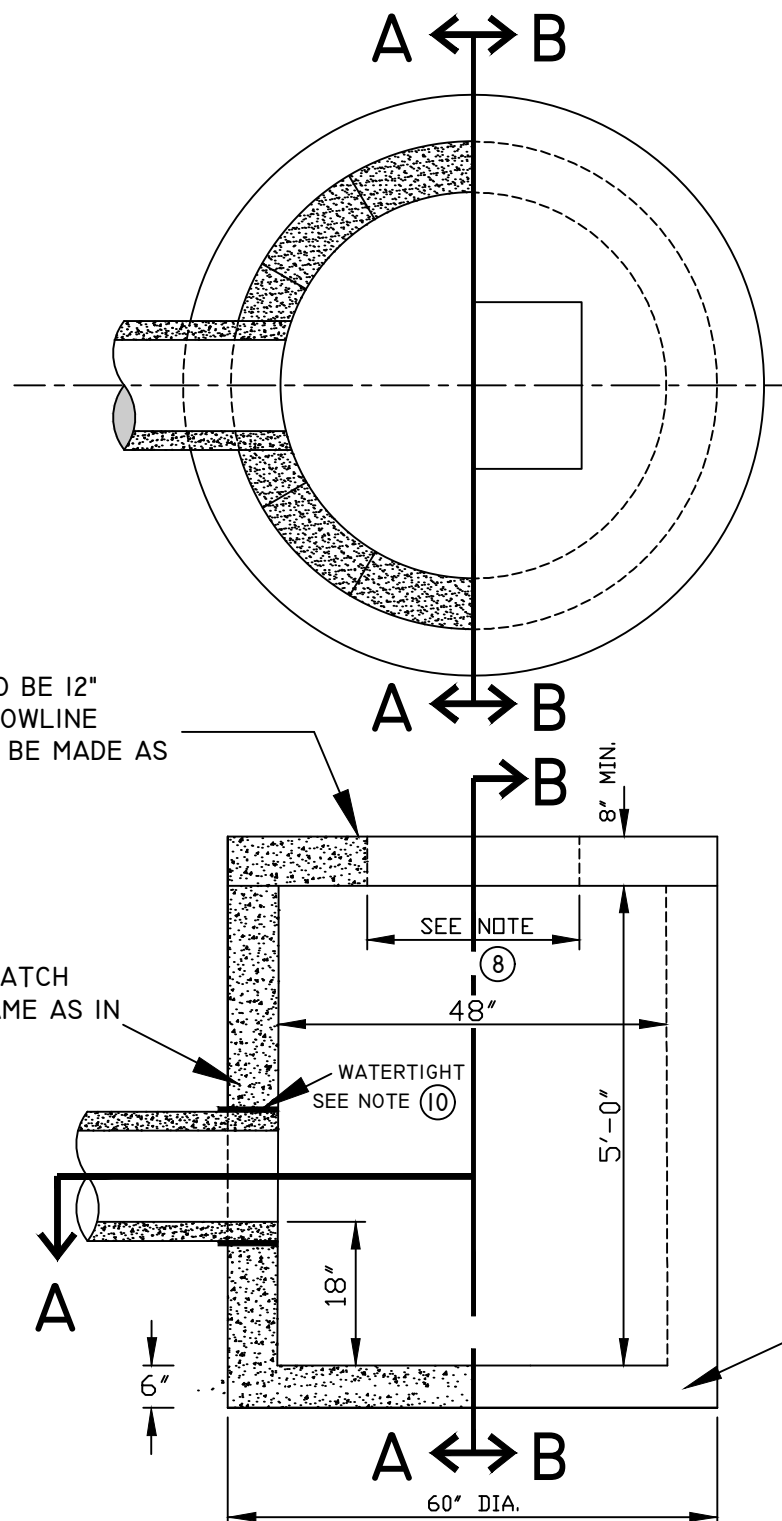


DETAILS OF TYPE "B" CATCH BASIN CASTING
NEENAH R-3234-BI OR APPROVED EQUAL

NOTE: " DUMP NO WASTE DRAINS TO RIVER"
SHALL BE MOLDED IN ALL CASTINGS FACE

NOTE ⑧

RECTANGULAR OPENING IN TOP
"B" TYPE CASTING - 27" X 22"
"A" TYPE CASTING - 36" X 30"



E
D-2

DETAIL OF TYPE "A" OR "B"
CATCH BASIN

STORM
SEWER DETAILS

D-2

ENGINEERING DEPT.
City of LaCrosse, Wis.

FIELD	REVISIONS	BY	DATE
BOOK	1	PRELIMINARY	
NUMBER	2	FINAL	
	CHECKED		
	APPROVED	K.J.C.	11/2025
PAGE	REVISIONS		
	M.D.F. 3/03	J.M.C. 6/2015	J.M.C. 11/2025
	J.M.C. 9/03	BEH 2/2019	
	M.D.F. 4/06	J.M.C. 8/2019	
	M.D.F. 12/10	J.M.C. 11/2023	
	M.D.F. 4/13	J.M.C. 11/2024	

SCALE: NONE