NON-COMPLIANT SANITARY LATERAL REPLACEMENT - 10TH & KING

PROOF

EDF # 25-035

PROJECT No.

LOCATION

RESOLUTION DATE

ENGINEERING DEPT.
City of La Crosse, Wis.

PREPARED BY	BY	DATE
Drafter	JG	01/30/2026
Designer	JO	05/04/2026
Checked by		
Approved		
Revisions		

APPROVED

DATE: _____ _____ (Signature)

AUTHORIZED BY CITY ENGINEER

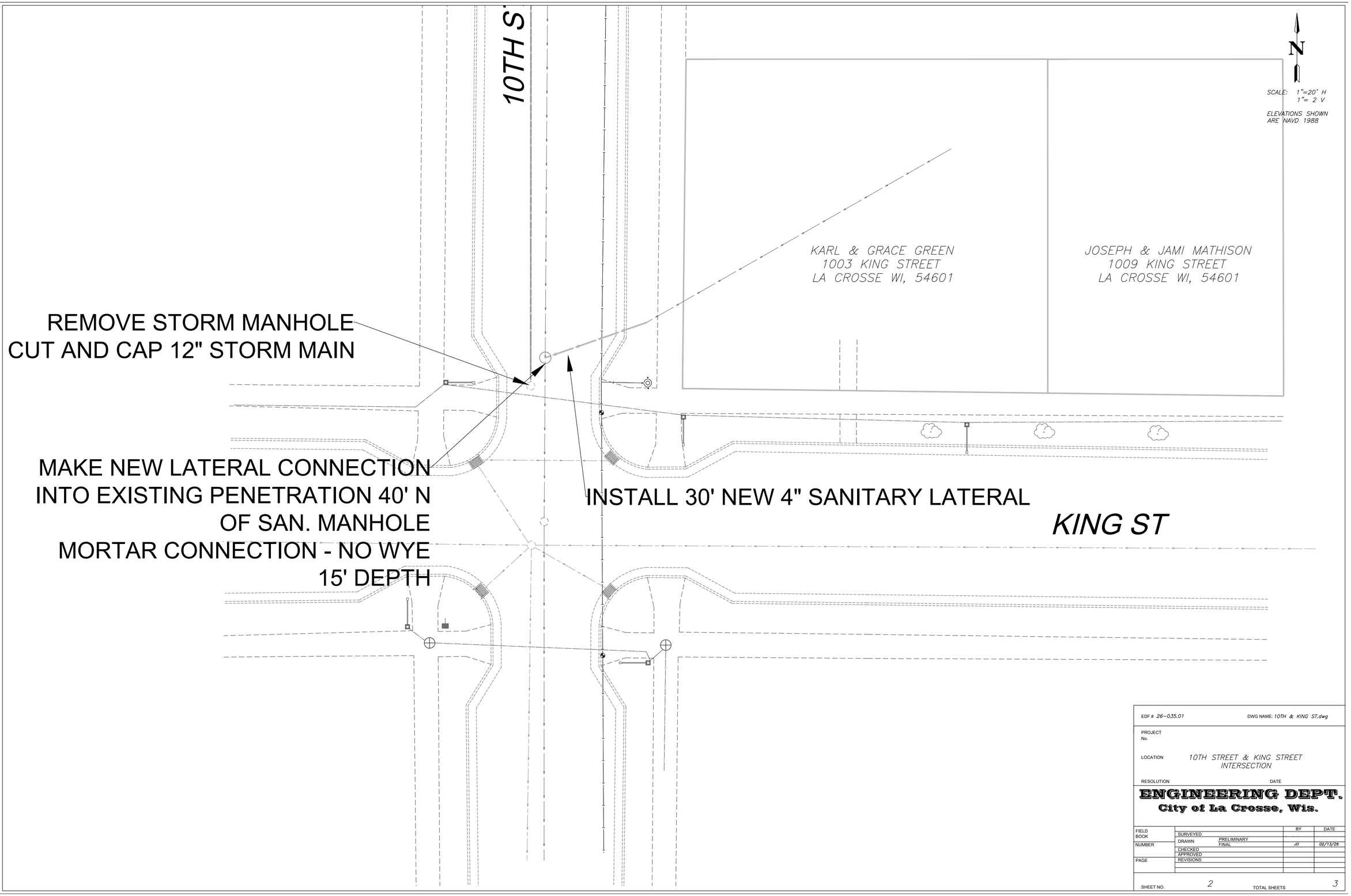
DATE: _____ _____ (Signature)

INDEX

SHEET #	TITLE
1	COVER SHEET
2	UTILITY
3	REMOVALS AND TRAFFIC
D-6	DETAIL SANITARY SEWER

BENCHMARKS

NAVD 1988
TOP NUT OF HYDRANT



EDF # 26-035.01 DWG NAME: 10TH & KING ST.dwg

PROJECT No.

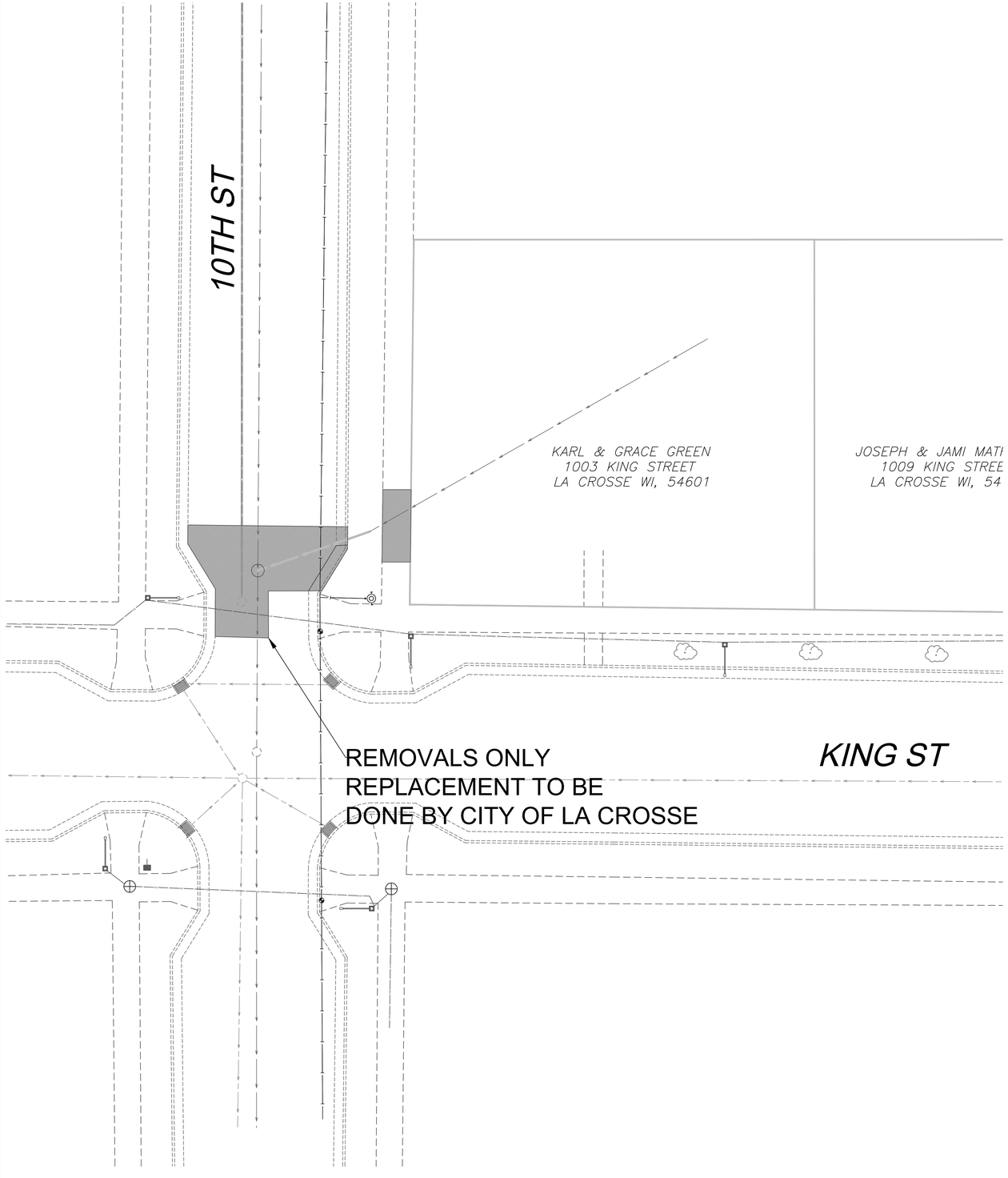
LOCATION 10TH STREET & KING STREET INTERSECTION

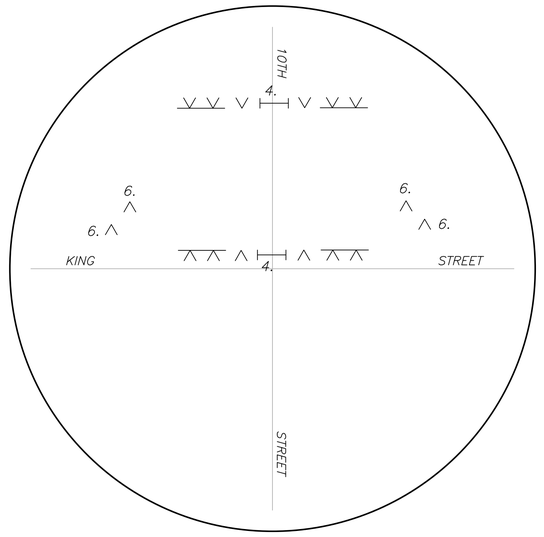
RESOLUTION DATE

ENGINEERING DEPT.
City of La Crosse, Wis.

			BY	DATE
FIELD BOOK	SURVEYED			
NUMBER	DRAWN	PRELIMINARY		
		FINAL	JO	02/13/26
	CHECKED			
PAGE	APPROVED			
	REVISIONS			

SHEET NO. 2 TOTAL SHEETS 3





TRAFFIC CONTROL
WORK ZONE INTERSECTION DETAILS

SCALE: 1"=20' H
1"= 2 V

ELEVATIONS SHOWN ARE NAVD 1988

LEGEND

1. ROAD WORK AHEAD — ROAD WORK AHEAD (O)
2. ROAD CLOSED AHEAD — ROAD CLOSED AHEAD (O) W20-3
3. ROAD CLOSED TO THRU TRAFFIC — ROAD CLOSED TO THRU TRAFFIC (O)
4. ROAD CLOSED — ROAD CLOSED (W) R11-2
5. SIDEWALK CLOSED AHEAD — SIDEWALK CLOSED AHEAD (W)
6. SIDEWALK CLOSED — SIDEWALK CLOSED (W)

SAWBUCK BARRICADE

BARREL OR FLASHER BARRICADE

TYPE III BARRICADE

NIGHT TUBULAR MARKER

EDF # DWG NAME:

PROJECT No. 10TH & KING NON-COMPLIANT SANITARY LATERAL REPLACEMENT

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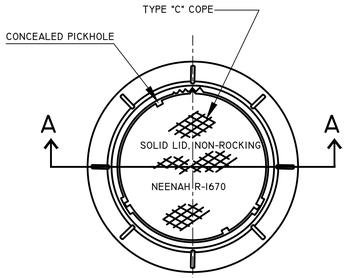
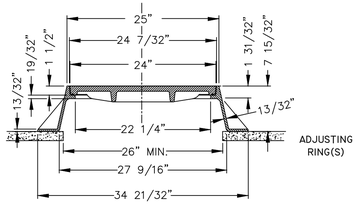
	CHECKED			
	APPROVED			
PAGE	REVISIONS			

SHEET NO. 3 TOTAL SHEETS 3

DRAWING NOT TO SCALE



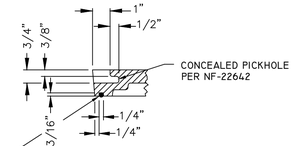


A – A

DETAIL OF MANHOLE FRAME & COVER

NEENAH R-1670 OR APPROVED EQUAL

B D-6



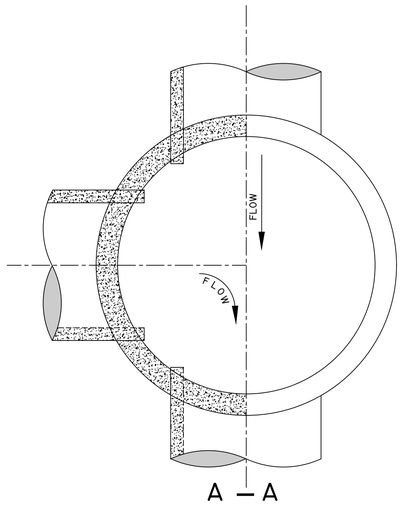
SELF-SEAL DETAIL

NOTE

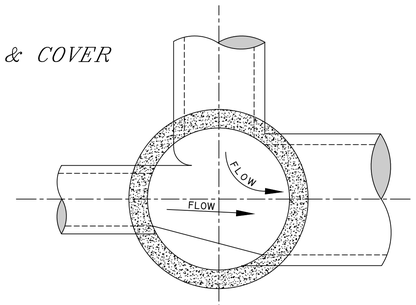
OPENING FOR FRAME & COVER SHALL BE CENTERED ON MANHOLES WITH FLAT TOPS.

SEWER PIPE JOINT MATERIALS

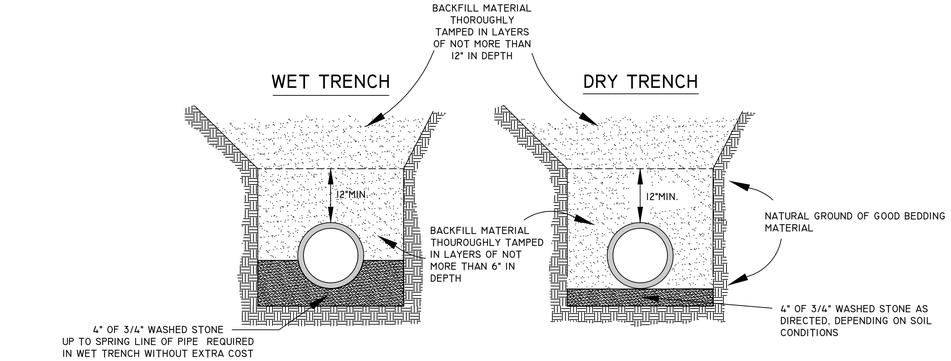
CONCRETE PIPE-RUBBER GASKET (ASTM C-443)
PVC PIPE- ELASTOMETRIC GASKET (ASTM D-3212 & F-477)



A – A

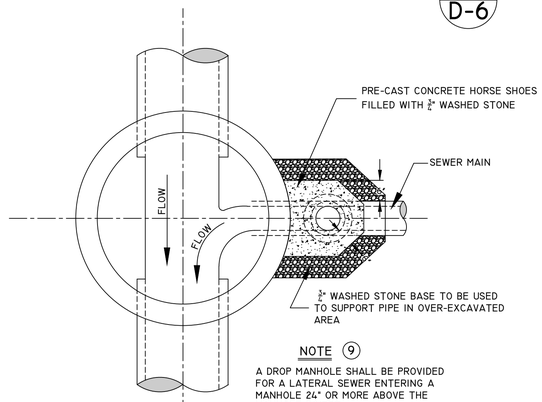


A – A



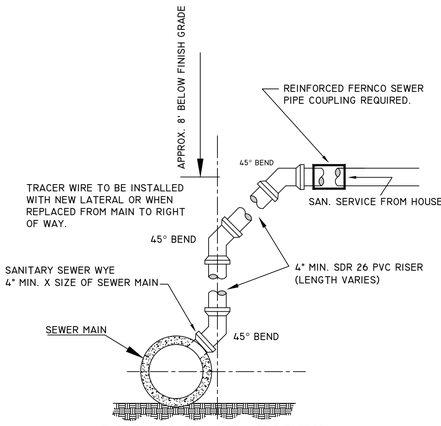
DETAILS OF SEWER TRENCHES

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

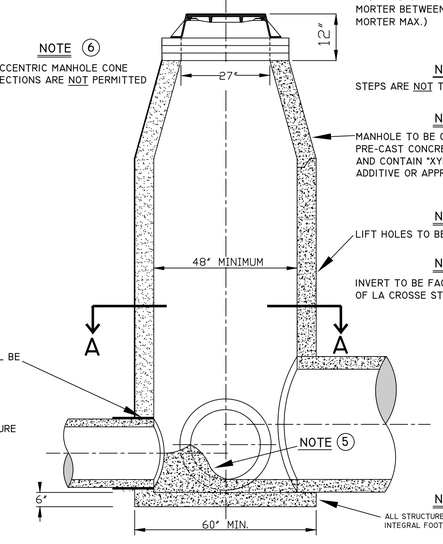
F D-6

NOTE (8)

THE CONNECTION OF ALL PVC SANITARY SEWER PIPE, SIZE 6" TO 30", TO PRECAST MANHOLES OR OTHER STRUCTURES SHALL EMPLOY A WATERTIGHT, FLEXABLE 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 STREGHTH OF 1600 PSI

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



NOTE (6)

ECCENTRIC MANHOLE CONE SECTIONS ARE NOT PERMITTED

A – A

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 MORTER BETWEEN CASTING & TOP RING ONLY. (3/4" MORTER MAX.)

NOTE (2)

STEPS ARE NOT TO BE INSTALLED IN MANHOLES

NOTE (3)

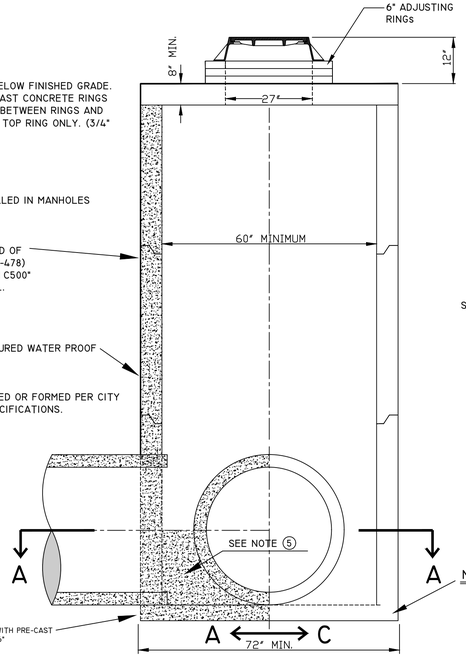
MANHOLE TO BE CONSTRUCTED OF PRE-CAST CONCRETE (ASTM C-478) AND CONTAIN "XYPEX BIO-SAN C500" ADDITIVE OR APPROVED EQUAL.

NOTE (4)

LIFT HOLES TO BE MANUFACTURED WATER PROOF

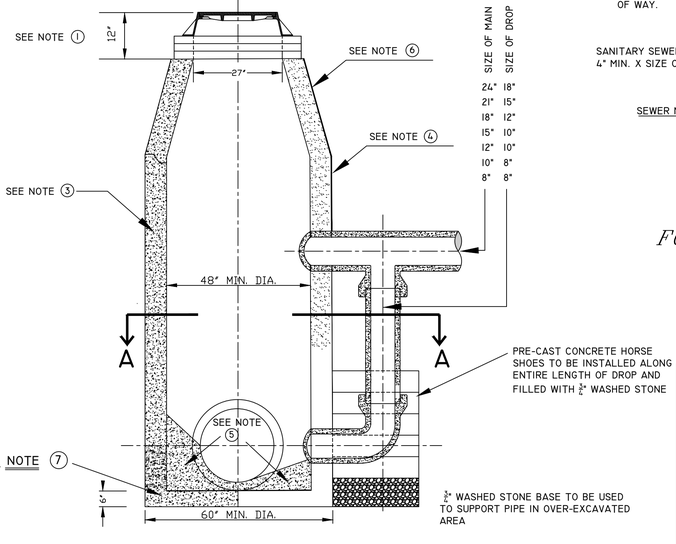
NOTE (5)

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"



C D-6 *DETAILS OF STANDARD MANHOLE FOR 30" PIPE OR SMALLER*

D D-6 *DETAILS OF STANDARD MANHOLE FOR 36" PIPE OR LARGER*

E D-6 *DETAILS OF DROP MANHOLE FOR 30" PIPE OR SMALLER*

SANITARY SEWER DETAILS

D-6

ENGINEERING DEPT.
City of LaCrosse, Wis.

					BY	DATE
FIELD BOOK	SURVEYED					
NUMBER	DRAWN	PRELIMINARY				
		FINAL				
	CHECKED					
	APPROVED					
PAGE	REVISIONS	M.D.F. 3/03	J.M.C.	6/2015	J.M.C.	11/2025
		J.M.C. 9/03	BFM	2/2019		
		M.D.F. 4/06	J.M.C.	8/2019		
SCALE: NONE		M.D.F. 12/10	BFM	11/2019		
		M.D.F. 4/13	J.M.C.	11/2023		
			J.M.C.	11/2024		