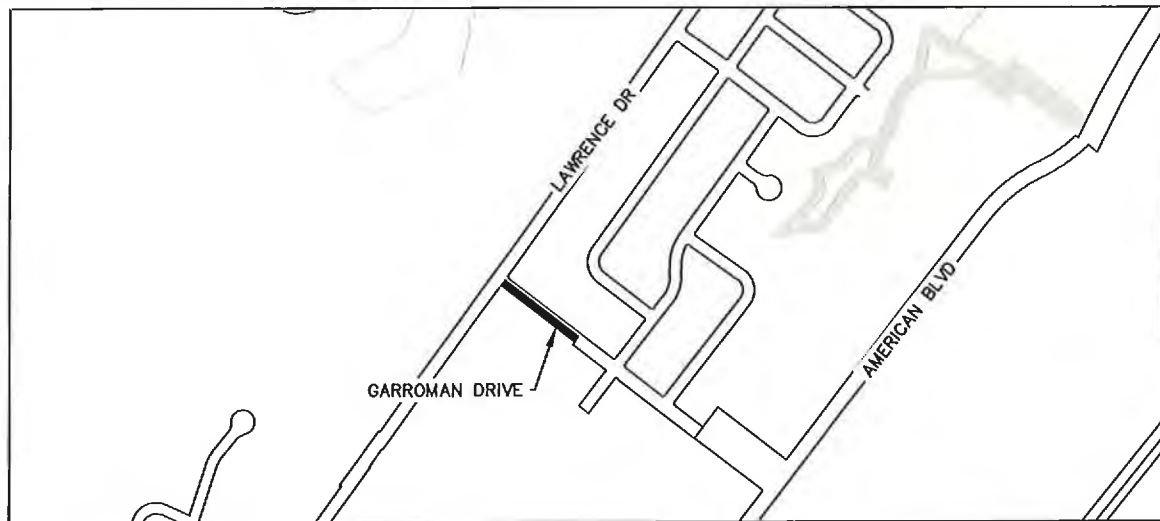
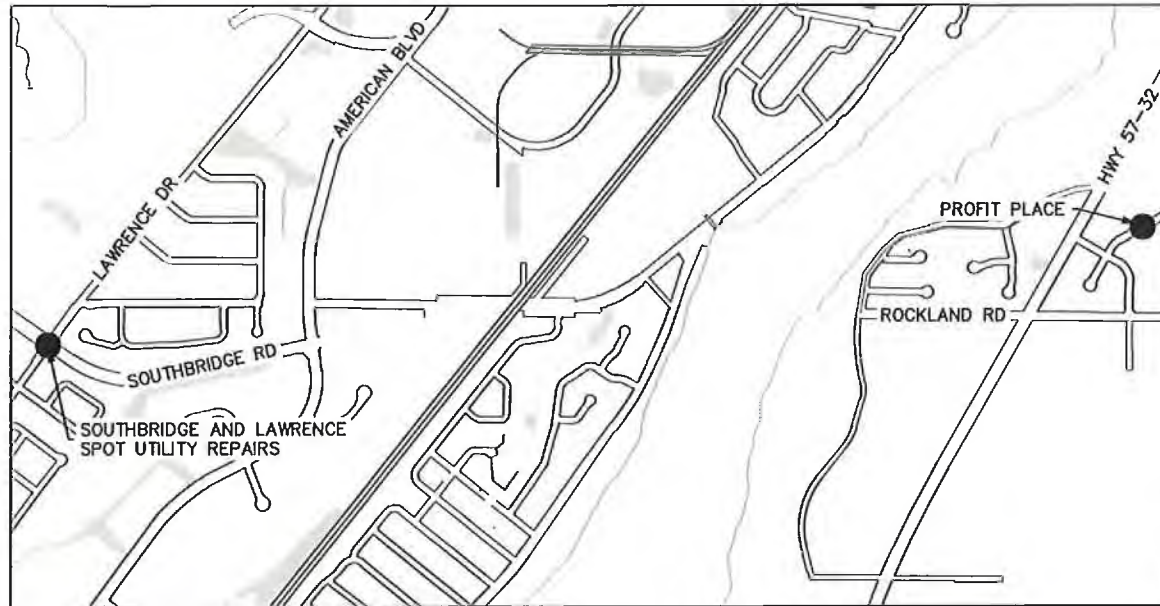


PROJECT 25-01 SEWER AND WATER RELAY AND STREET RESURFACING

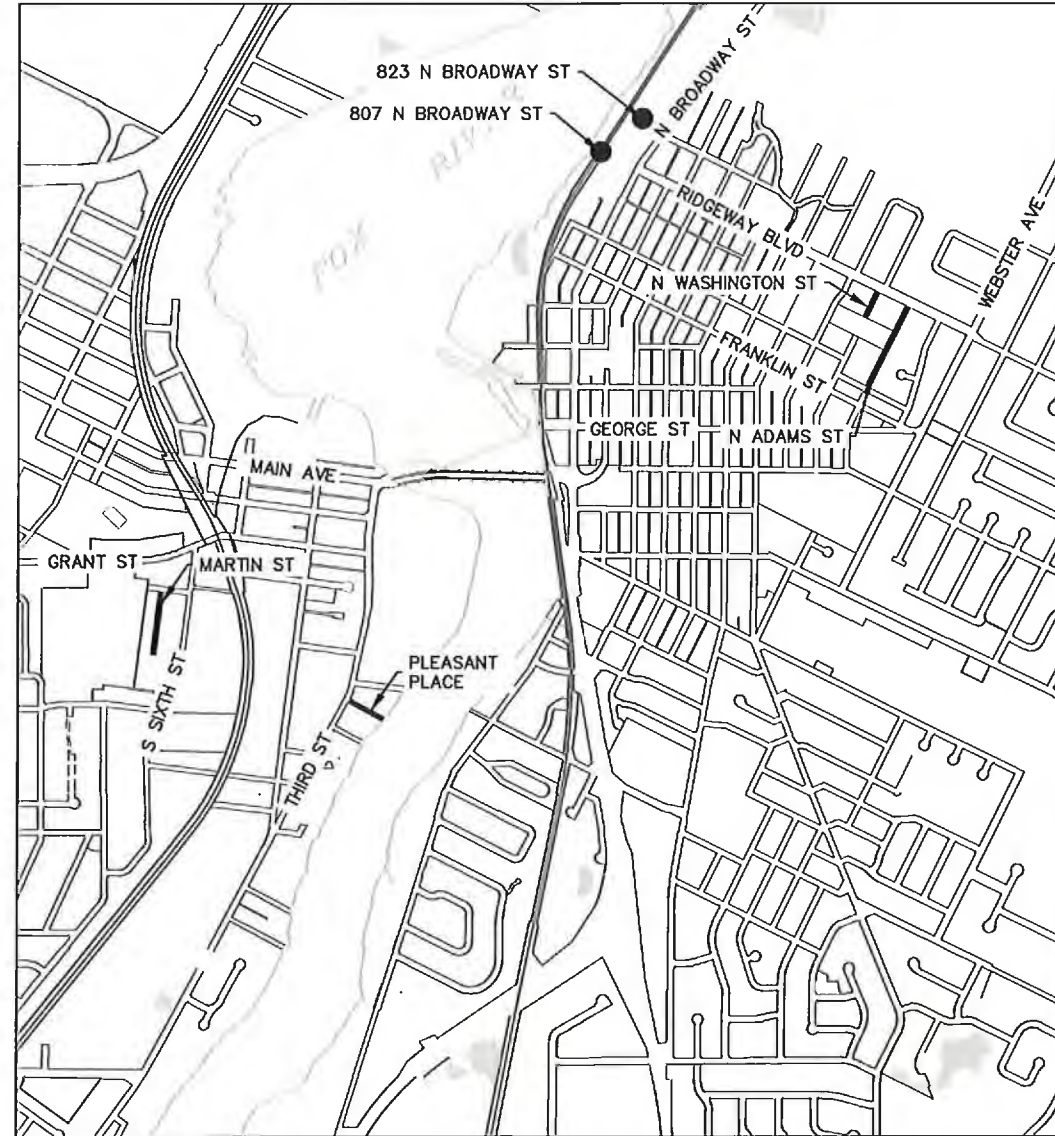
CITY OF DE PERE



ENGINEER DIVISION
925 S. SIXTH ST
DE PERE, WI 54115



SITE LOCATION MAP
N.T.S.



SHEET NO.	DESCRIPTION
G001	TITLE SHEET
G002	STANDARD ABBREVIATION & SYMBOLS
G003 - G005	TYPICAL SECTIONS
C101 - C105	N. ADAMS STREET PLAN AND PROFILE SHEETS
C106 - C107	N. WASHINGTON STREET PLAN AND PROFILE SHEETS
C108 - C113	MARTIN STREET PLAN AND PROFILE SHEETS
C114 - C116	PLEASANT PLACE PLAN AND PROFILE SHEETS
C117	PROFIT PLACE PLAN AND PROFILE SHEET
C118 - C119	GARROMAN DRIVE PLAN AND PROFILE SHEETS
C120	807 N. BROADWAY STREET PLAN AND PROFILE SHEET
C121	823 N. BROADWAY STREET PLAN AND PROFILE SHEET
C122 - C123	SOUTHBRIDGE & LAWRENCE SPOT UTILITY REPAIRS
C124	2186 LOST DAUPHIN PLAN AND PROFILE SHEET
C301 - C302	N WASHINGTON STREET CROSS SECTIONS
C303 - C307	MARTIN STREET CROSS SECTIONS
C308 - C309	PLEASANT PLACE CROSS SECTIONS
C310 - C311	GARROMAN DRIVE CROSS SECTIONS
C401	N WASHINGTON STREET GRADING PLAN
C402	N WASHINGTON STREET HAMMERHEAD PLAN
C403	MARTIN STREET HAMMERHEAD PLAN
C404	MARTIN STREET INTERSECTION DETAIL
C405	807 N BROADWAY STREET EROSION CONTROL & RESTORATION
C406	WEST SIDE POND REPAIR PLAN
C407	CULVERT ENDWALL REPAIRS
C408 - C413	BENCHMARK AND EROSION CONTROL PLANS
C501	N WASHINGTON STREET CONSTRUCTION DETAILS
C502 - C505	807 N BROADWAY STREET CONSTRUCTION DETAILS
C506	PIPE BURSTING CONSTRUCTION DETAIL
C507 - C508	CONSTRUCTION DETAILS
C509 - C510	TRAFFIC CONTROL DETAILS

CITY OF DE PERE
BOARD OF PUBLIC WORKS

1/30/2025 *E. P. Rakera*
DATE CITY ENGINEER
1/30/25 *[Signature]*
DATE CITY MANAGER

STAMPS:



LIST OF STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	N	NORTH
AGGR	AGGREGATE	NB	NORTHBOUND
AH	AHEAD	NC	NORMAL CROWN
ASPH	ASPHALT	NE	NORTHEAST
B/B	BACK TO BACK	NO	NUMBER
BARR	BARRICADE	NTS	NOT TO SCALE
BC	BACK OF CURB	NW	NORTHWEST
BK	BACK	OD	OUTSIDE DIAMETER
BL	BASELINE	PC	POINT OF CURVATURE
BLVD	BOULEVARD	PCC	POINT OF COMPOUND CURVE
BLDG	BUILDING	PCC	PORTLAND CEMENT CONCRETE
BM	BENCHMARK	PED	PEDESTAL
BOW	BACK OF SIDEWALK	PLE	PERMANENT LIMITED EASEMENT
BSMT	BASEMENT	PVMT	PAVEMENT
C	CUT	PE	PRIVATE ENTRANCE
C&G	CURB AND GUTTER	PI	POINT OF INTERSECTION
C/C	CENTER TO CENTER	PL	PROPERTY LINE
CABC	CRUSHED AGGREGATE BASE COURSE	POC	POINT OF CURVE
CB	CATCH BASIN	POT	POINT ON TANGENT
CE	CONSTRUCTION ENTRANCE	PP	POLYETHYLENE
CI	CAST IRON PIPE	PRC	POINT OF REVERSE CURVATURE
CL	CENTERLINE	PROJ	PROJECT
CMP	CORRUGATED METAL PIPE	PROP	PROPOSED
CNTY	COUNTY	PRZ	PROTECTIVE ROOT ZONE
CO	CLEANOUT	PSI	POUND PER SQUARE INCH
CONC	CONCRETE	PT	POINT OF TANGENCY
CONSTR	CONSTRUCTION	PVC	POLYVINYL CHLORIDE
CONSTR JT	CONSTRUCTION JOINT	R	RANGE OR RADIUS
CORP	CORPORATION	RCP	REINFORCED CONCRETE PIPE
CP	CONTROL POINT	REBAR	REINFORCEMENT BAR
CTH	COUNTY TRUNK HIGHWAY	REL	RELOCATE
CTRL JT	CONTROL JOINT	REM	REMAINING
CTV	CABLE TV	REQD	REQUIRED
CY	CUBIC YARD	RL	REFERENCE LINE
D	DEPTH	ROW	RIGHT OF WAY
DIA	DIAMETER	RP	REFERENCE POINT
DI	DUCTILE IRON PIPE	RR	RAILROAD
DISCH	DISCHARGE	RT	RIGHT
DW	DRIVEWAY	RW	RETAINING WALL
E	EAST (SEE ELEC BELOW)	S	SOUTH
EA	EACH	SALV	SALVAGE
EB	EASTBOUND	SAN	SANITARY
EBS	EXCAVATION BELOW SUBGRADE	SB	SOUTHBOUND
EL	ELEVATION	SDWK	SIDEWALK
ELEC	ELECTRIC (E WHEN USED IN LINE STYLE)	SE	SOUTHEAST
EMB	EMBANKMENT	SF	SQUARE FEET
ENTR	ENTRANCE	SHLDR	SHOULDER
EP	EDGE OF PAVEMENT	SY	SQUARE YARD
EW	ENDWALL	SS	SANITARY SEWER
EXC	EXCAVATION	ST	STREET (ST WHEN USED FOR STORM SEWER LINE)
EXIST	EXISTING	STA	STATION
F	FILL	STD	STANDARD
F/F	FACE TO FACE	STH	STATE HIGHWAY TRUNK
FDN	FOUNDATION	STM	STORM
FE	FIELD ENTRANCE	STRUCT	STRUCTURE OR STRUCTURAL
FERT	FERTILIZER	SW	SOUTHWEST
FIN GR	FINISHED GRADE	TAN	TANGENT
FL	FLOWLINE	T	TELEPHONE LINE
FO	FIBER OPTIC	TEL	TELEPHONE
FOW	FRONT OF SIDEWALK	TEMP	TEMPORARY
FT	FOOT	TLE	TEMPORARY LIMITED EASEMENT
FTG	FOOTING	TOC	TOP OF CURB
G	GAS	TOW	TOP OF WATER
GV	GAS VALVE	TRANS	TRANSITION
GW	GUY WIRE	TYP	TYPICAL
HDPE	HIGH DENSITY POLYETHYLENE	UG	UNDERGROUND
HR	HANDICAP RAMP	USH	US HIGHWAY
HSE	HOUSE	VC	VERTICAL CURVE
HT	HEIGHT	VERT	VERTICAL
HYD	HYDRANT	VOL	VOLUME
I	INTERSECTION	VPC	VERTICAL POINT OF CURVATURE
ID	INSIDE DIAMETER	VPI	VERTICAL POINT OF INTERSECTION
IN	INCH	VPRC	VERTICAL POINT OF REVERSE CURVE
INL	INLET	VPT	VERTICAL POINT OF TANGENCY
INTERS	INTERSECTION	W	WEST (W WHEN USED FOR WATER LINE)
INV	INVERT	WB	WESTBOUND
IP	IRON PIPE OR PIN	WM	WATERMAIN
L	LENGTH (OF CURVE)	WSO	WATER SHUTOFF VALVE
LC	LONG CHORD OF CURVE	WV	WATER VALVE
LP	LIGHTPOLE	YD	YARD
LS	LIFT STATION OR LUMP SUM		
LT	LEFT		
MAINT	MAINTENANCE		
MATL	MATERIAL		
MB	MAILBOX		
MH	MANHOLE		
MP	MARKER POST		

MAPPING & TOPOGRAPHY SYMBOLOGY

DESCRIPTION	SYMBOL	
	EXISTING	PROPOSED
BENCHMARK		
BUSH		
CATCH BASIN/INLET		
CABLE TV BOX		
CONTROL POINT		
ELECTRICAL BOX		
EROSION CONTROL - INLET		
FIBER OPTIC PEDESTAL		
FIELD INLET		
GAS VALVE		
GUY WIRE		
HEDGE		
HYDRANT		
IRON PIPE		
LIGHTPOLE		
MAILBOX		
MANHOLE ELECTRIC		
MANHOLE SANITARY		
MANHOLE STORM		
MONITORING WELL		
POWER POLE		
SIGN		
SOIL BORING		
STUMP		
TELEPHONE MANHOLE		
TELEPHONE PEDESTAL		
TREE		
WELL		
WATER SERVICE VALVE		
BUTTERFLY WATER VALVE		
WATER VALVE		

GENERAL CONSTRUCTION NOTES:

- ALL ELEVATIONS ARE REFERENCED TO NAVD 88.
- THE WORK UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE CITY OF DE PERE, CURRENT CONSTRUCTION SPECIFICATIONS AND THESE SPECIAL PROVISIONS AND PLANS, AND THE LATEST ADDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION SPECIFICATIONS, LATEST EDITION, WHERE REFERENCED IN THE CITY SPECIFICATIONS.
- ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION AND SHALL CONFIRM TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSTRUCTION SITE EROSION CONTROL AND TECHNICAL STANDARDS.
- EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES, WHETHER SHOWN OR NOT, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 72 HOURS PRIOR TO EXCAVATION.

MAPPING & TOPOGRAPHY SYMBOLOGY

DESCRIPTION	SYMBOL	
	PLAN	PROFILE
EXISTING SANITARY SEWER LINE		(SIZE AND MATERIAL) SAN
PROPOSED SANITARY SEWER LINE		100'-8" PVC SAN SAN
EXISTING STORM SEWER LINE		(SIZE AND MATERIAL) ST
PROPOSED STORM SEWER LINE		100'-8" PVC STM ST
EXISTING WATER MAIN LINE		(SIZE AND MATERIAL) W
PROPOSED WATER MAIN LINE		100'-8" PVC WM (TEE-BEND) W
EXISTING ELECTRICAL LINE		E
EXISTING GAS MAIN LINE		G
EXISTING TELEPHONE LINE		T
EXISTING CABLE TV LINE		TV
EXISTING SANITARY LATERAL		SAN
EXISTING WATER SERVICE		W
RIGHT OF WAY		ROW
PROPERTY LINE		PL
EASEMENT		ESM
LANDSCAPE FENCE		
SILT FENCE EROSION CONTROL		
EXISTING FIBER OPTIC		FO
EXISTING MAJOR CONTOUR		615
EXISTING MINOR CONTOUR		612
PROPOSED MAJOR CONTOUR		615
PROPOSED MINOR CONTOUR		612
EXISTING OVERHEAD UTILITY		OH
EXISTING SANITARY SEWER LINE		(SIZE AND MATERIAL)
PROPOSED SANITARY SEWER LINE		100'-8" PVC SAN @ 0.40%
EXISTING STORM SEWER LINE		(SIZE AND MATERIAL)
PROPOSED STORM SEWER LINE		100'-8" PVC STM @ 1.0%
EXISTING WATER MAIN LINE		(SIZE AND MATERIAL)
PROPOSED WATER MAIN LINE		PROPOSE 8" PVC WM

PATCH SYMBOLS

ASPHALTIC CONCRETE PAVEMENT		CRUSHED AGGREGATE BASE COURSE	
PORTLAND CEMENT CONCRETE			

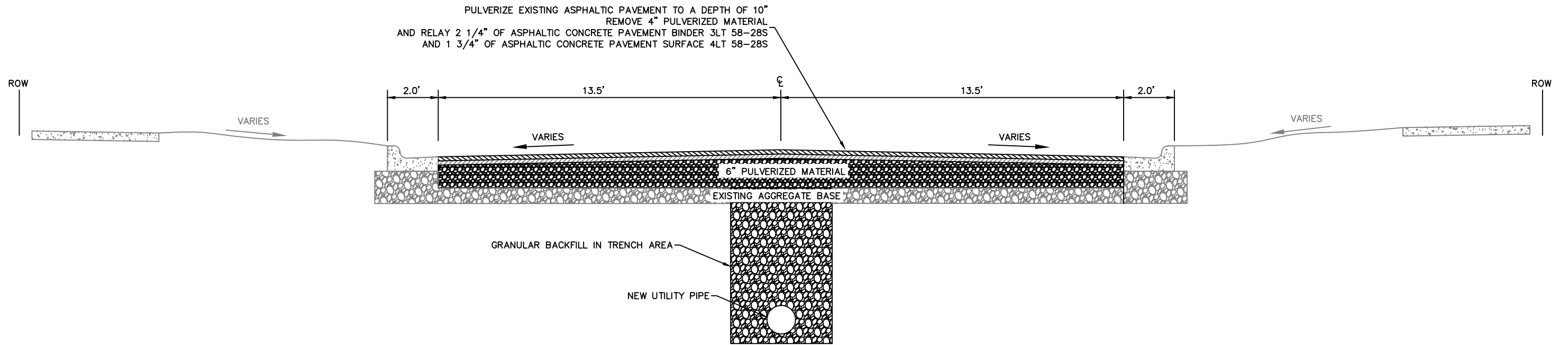
CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4060 FAX 920-339-4071

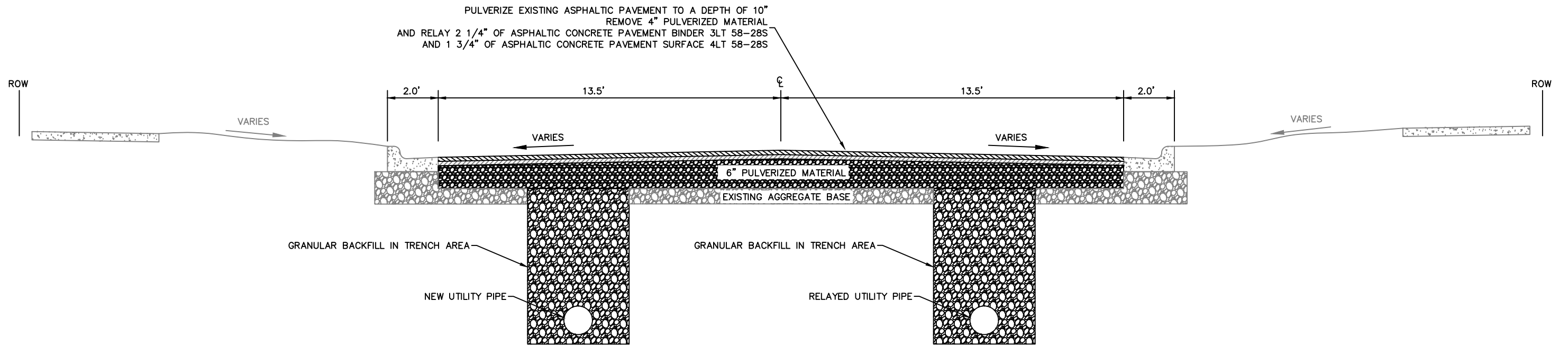
STANDARD ABBREVIATIONS AND SYMBOLS

NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT
25-01

NO.	DATE	REVISIONS / ISSUES	
		BY	REMARKS
SURVEYED			
DRAWN	KAD	02-2024	
DESIGNED			
CHECKED			



**ADAMS STREET (STA 20+77 TO STA 25+15)
 TYPICAL PULVERIZE AND OVERLAY SECTION
 WITH CURB AND GUTTER**



**ADAMS STREET (STA 25+15 TO STA 30+05)
 TYPICAL PULVERIZE AND OVERLAY SECTION
 WITH CURB AND GUTTER**

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

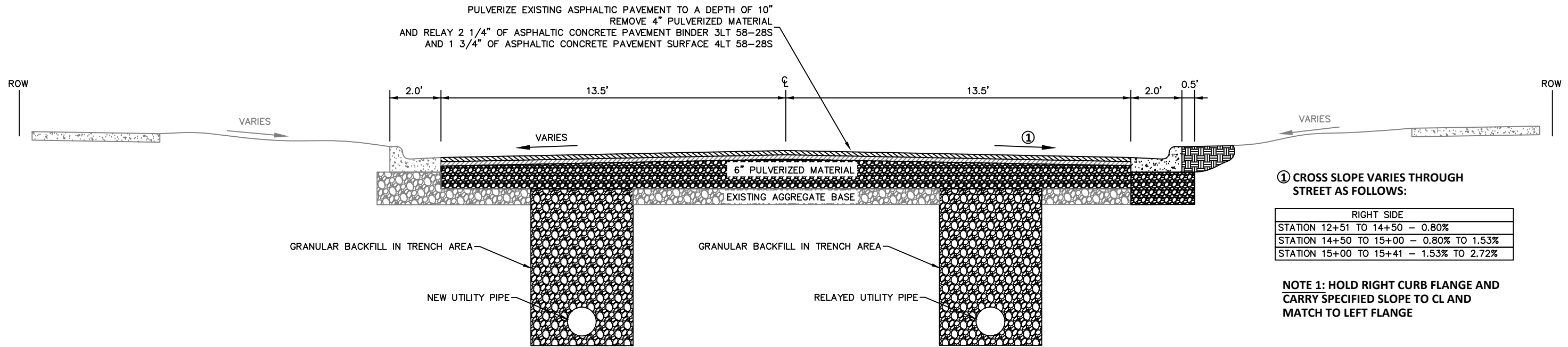
**TYPICAL SECTION
 ADAMS STREET**

NAME:
 SEWER AND WATER RELAY
 AND STREET RESURFACING
 PROJECT
 25-01

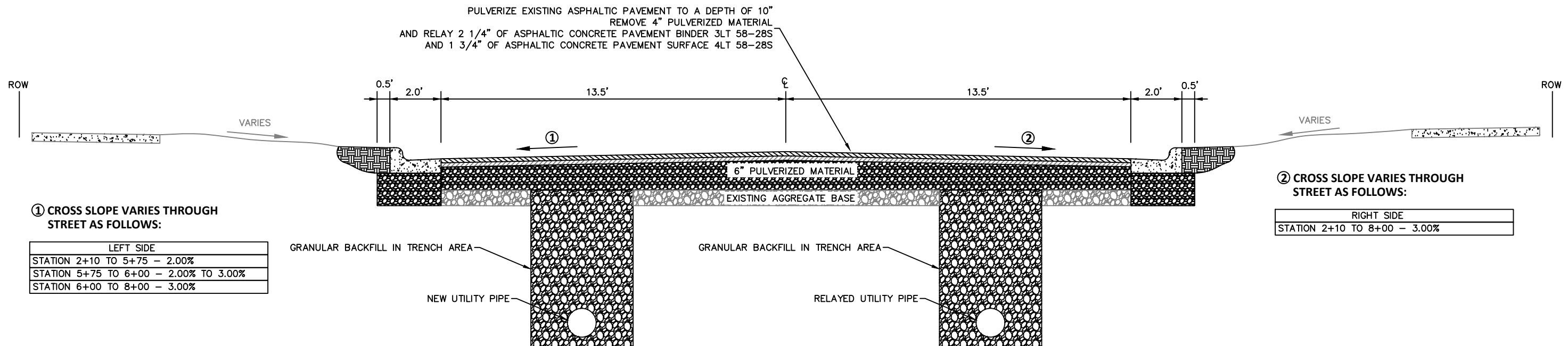
BY	DATE
SURVEYED	
DRAWN	KAD 01-2025
DESIGNED	KAD 01-2025
CHECKED	EPR 01-2025

REVISIONS / ISSUES	
NO.	DATE

PAGE
 NO.
G003



**N WASHINGTON STREET (STA 25+15 TO STA 30+05)
 TYPICAL PULVERIZE AND OVERLAY SECTION
 WITH CURB AND GUTTER**



**MARTIN STREET (STA 2+10 TO STA 8+00)
 TYPICAL PULVERIZE AND OVERLAY SECTION
 WITH CURB AND GUTTER**

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

**TYPICAL SECTION
 N WASHINGTON STREET AND MARTIN STREET**

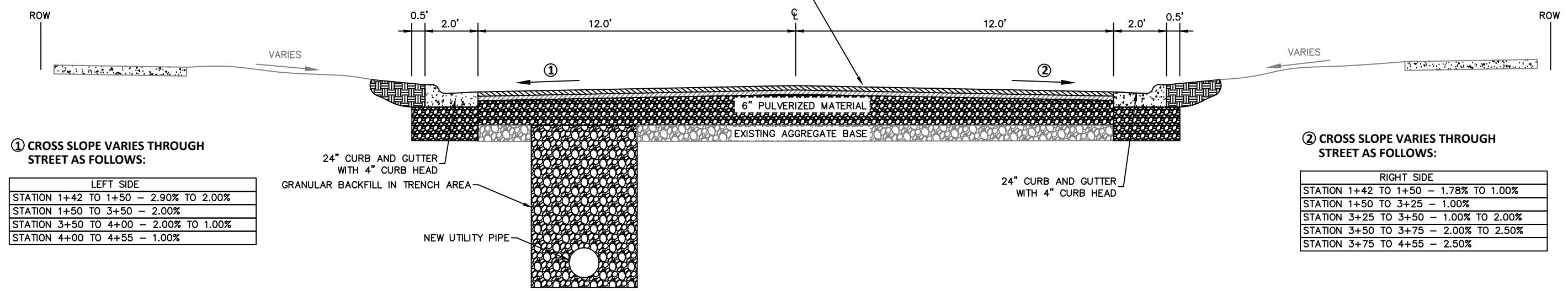
NAME:
 SEWER AND WATER RELAY
 AND STREET RESURFACING
 PROJECT 25-01

	BY	DATE
SURVEYED		
DRAWN	KAD	01-2025
DESIGNED	KAD	01-2025
CHECKED	EPR	01-2025

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\25-01 TYPICAL_SECTIONS.dwg

PULVERIZE EXISTING ASPHALTIC PAVEMENT TO A DEPTH OF 10"
 REMOVE 4" PULVERIZED MATERIAL
 AND RELAY 2 1/4" OF ASPHALTIC CONCRETE PAVEMENT BINDER 3LT 58-28S
 AND 1 3/4" OF ASPHALTIC CONCRETE PAVEMENT SURFACE 4LT 58-28S



① CROSS SLOPE VARIES THROUGH STREET AS FOLLOWS:

LEFT SIDE	
STATION 1+42 TO 1+50	- 2.90% TO 2.00%
STATION 1+50 TO 3+50	- 2.00%
STATION 3+50 TO 4+00	- 2.00% TO 1.00%
STATION 4+00 TO 4+55	- 1.00%

② CROSS SLOPE VARIES THROUGH STREET AS FOLLOWS:

RIGHT SIDE	
STATION 1+42 TO 1+50	- 1.78% TO 1.00%
STATION 1+50 TO 3+25	- 1.00%
STATION 3+25 TO 3+50	- 1.00% TO 2.00%
STATION 3+50 TO 3+75	- 2.00% TO 2.50%
STATION 3+75 TO 4+55	- 2.50%

**PLEASANT PLACE (STA 1+42 TO STA 4+55)
 TYPICAL PULVERIZE AND OVERLAY SECTION
 WITH CURB AND GUTTER**

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

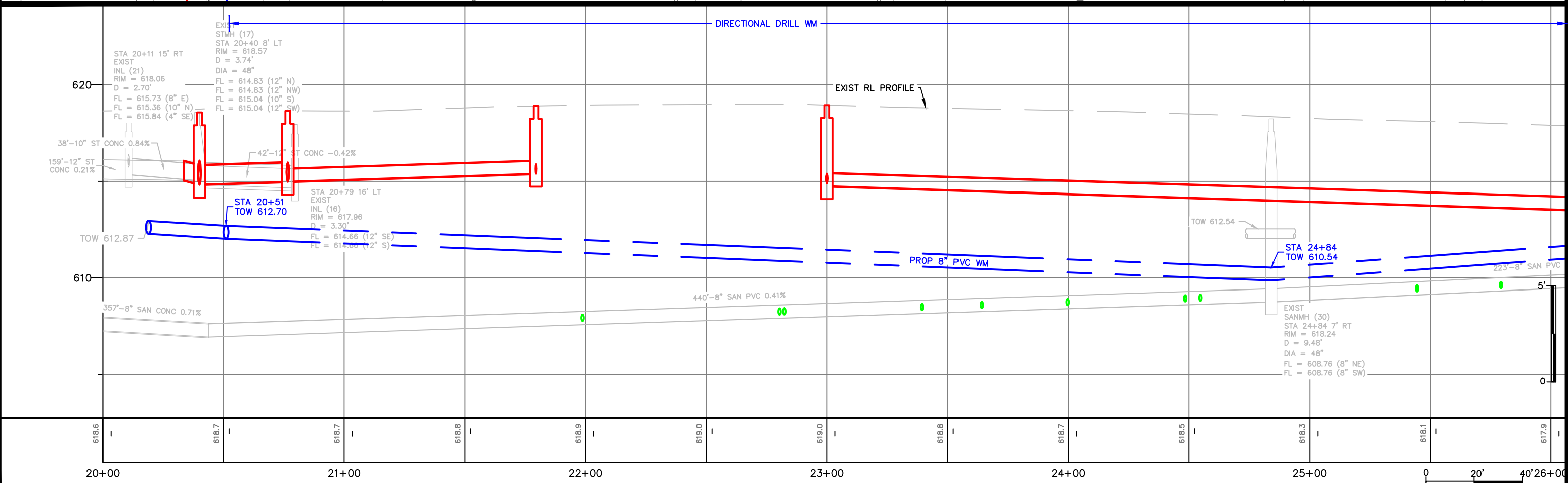
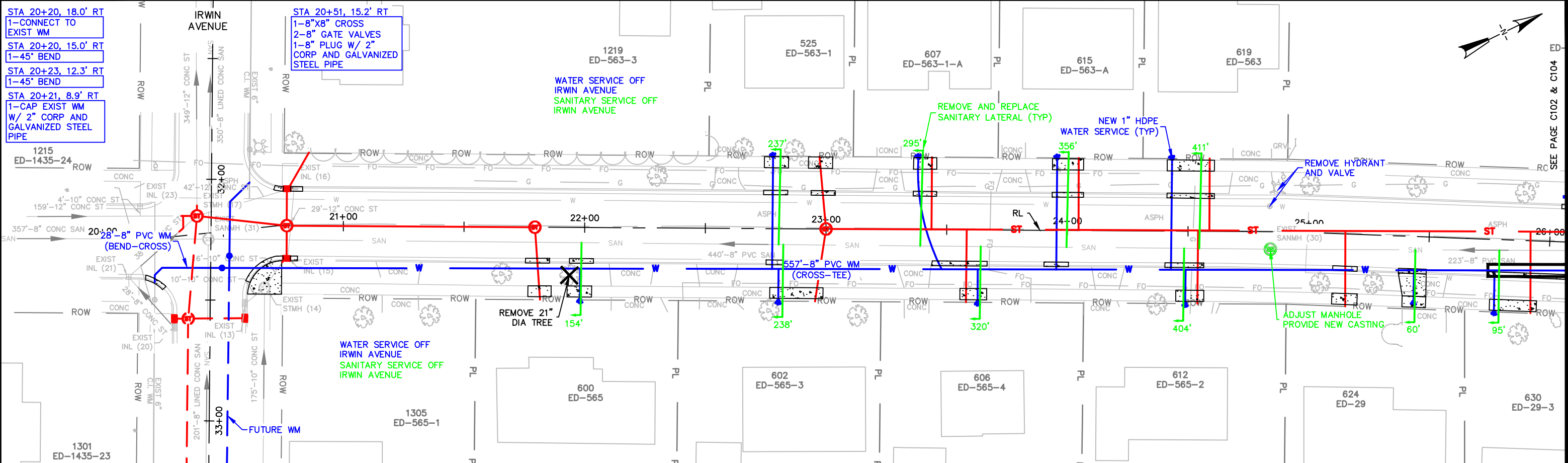
**TYPICAL SECTION
 PLEASANT PLACE**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

BY	DATE
SURVEYED	
DRAWN	KAD 01-2025
DESIGNED	KAD 01-2025
CHECKED	EPR 01-2025

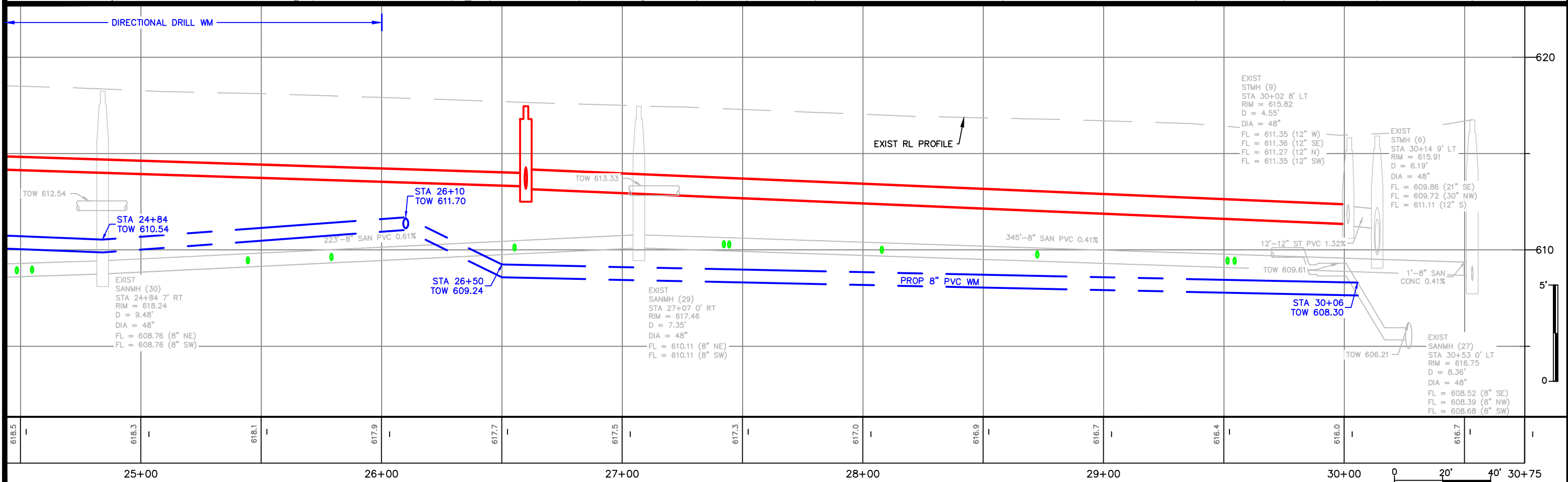
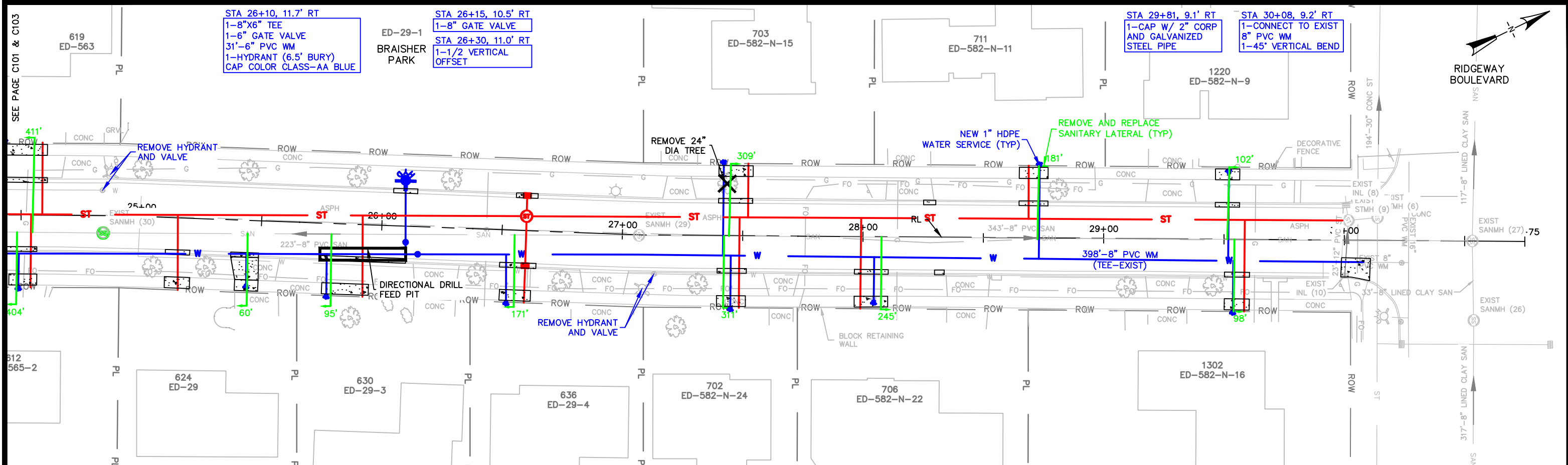
REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

PAGE NO.
G005



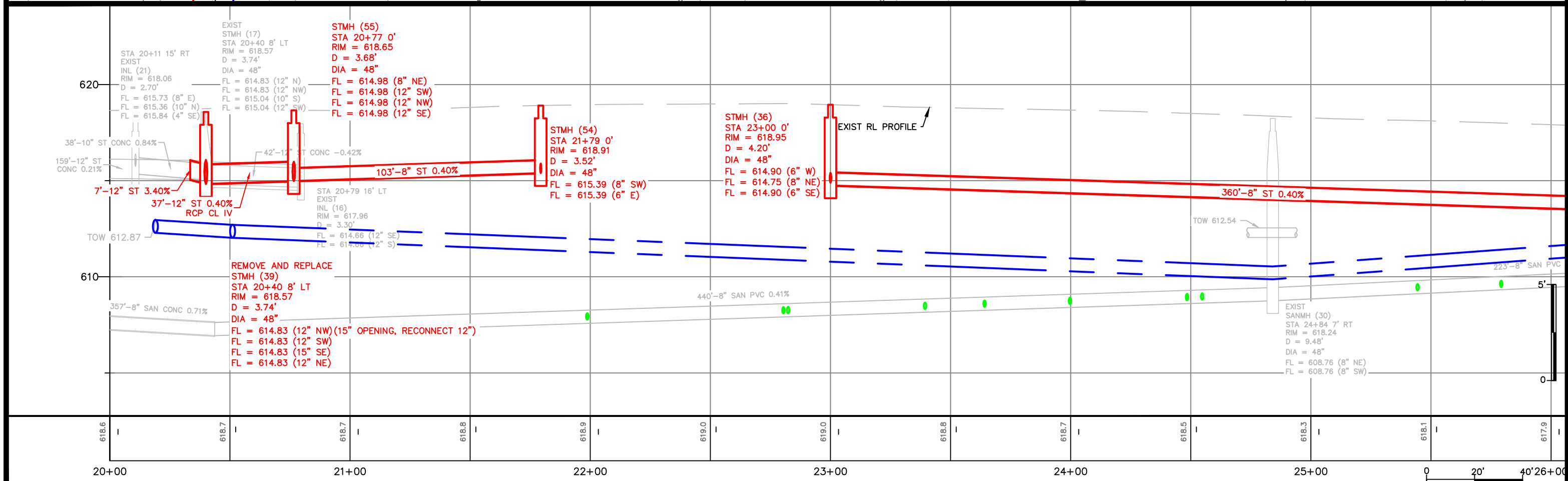
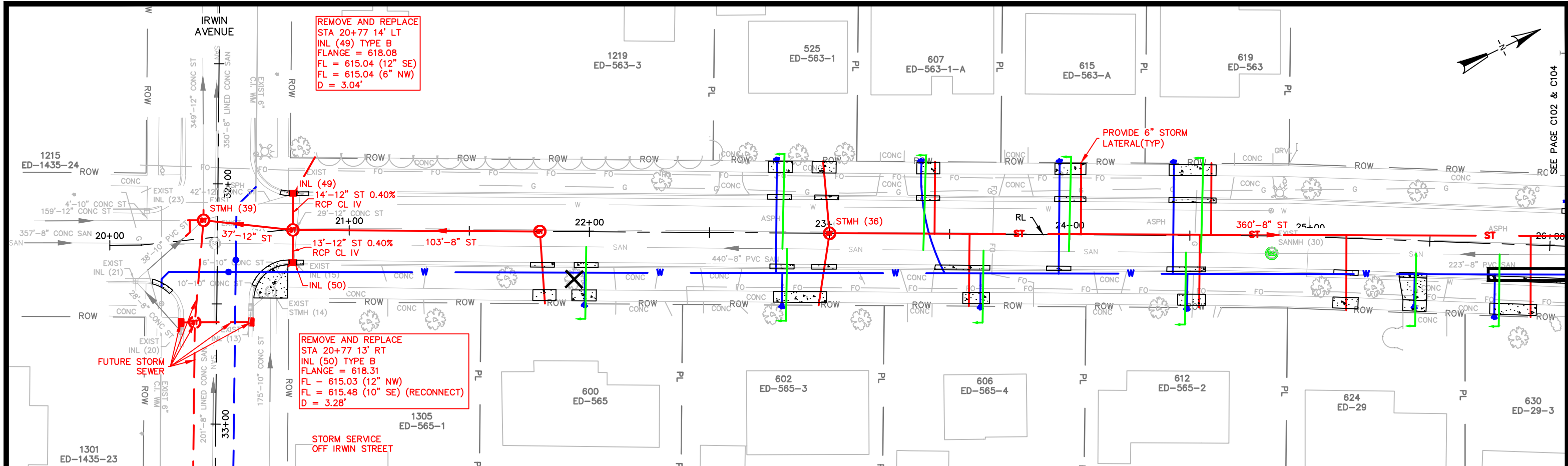
CITY OF DE PERE		NORTH ADAMS STREET		NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT		BY KAD		DATE 10-2024		REVISIONS / ISSUES		PAGE NO.	
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115		IRWIN AVENUE TO 600' N/O IRWIN AVENUE		25-01		KAD		11-2024		BY		REMARKS	
OFFICE 920-339-4061 FAX 920-339-4071		SANITARY SEWER AND WATER MAIN				KAD		11-2024		DATE		NO.	
						EPR		12-2024				C101	

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer & Water Relay & Street\1200-CAD\Adams\ADAMS_LP&P.dwg

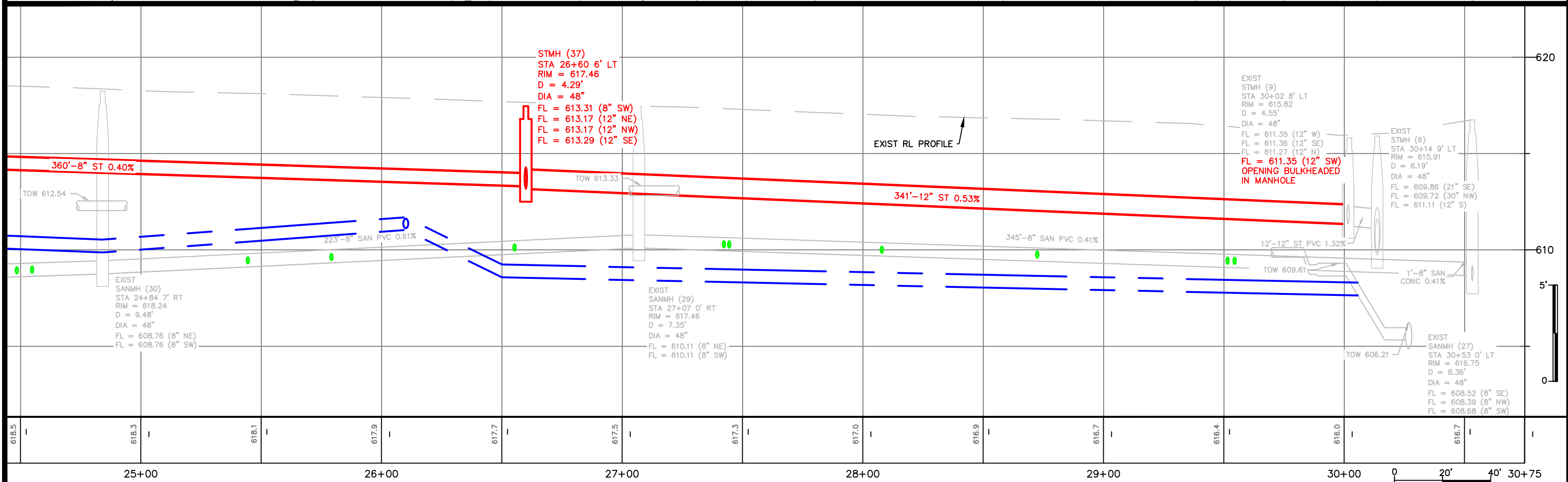
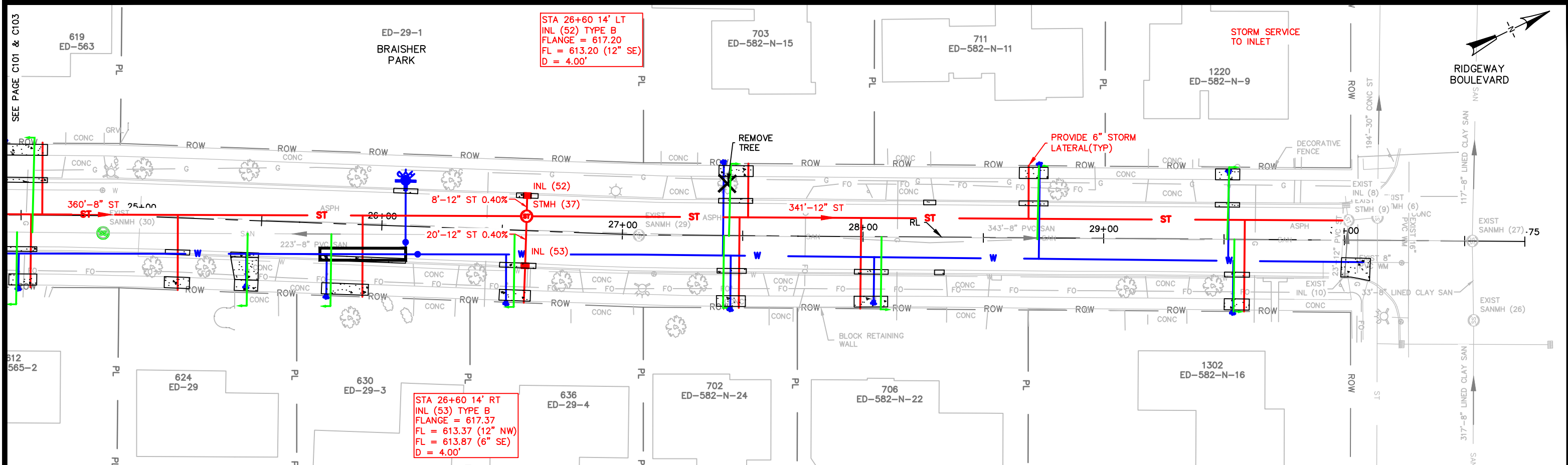


CITY OF DE PERE		NORTH ADAMS STREET		NAME: SEWER AND WATER RELAY AND STREET RESURFACING		REVISIONS / ISSUES		PAGE NO.	
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115 OFFICE 920-339-4061 FAX 920-339-4071		600' N/O IRWIN AVENUE TO RIDGEWAY BLVD SANITARY SEWER AND WATER MAIN		PROJECT # 25-01		NO. DATE BY REMARKS		C102	
				SURVEYED KAD 10-2024		BY KAD			
				DRAWN KAD 11-2024		DATE 10-2024			
				DESIGNED KAD 11-2024		BY KAD			
				CHECKED EPR 12-2024		DATE 11-2024			

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer & Water Relay & Street\1200-CAD\Adams\ADAMS_P&P.dwg

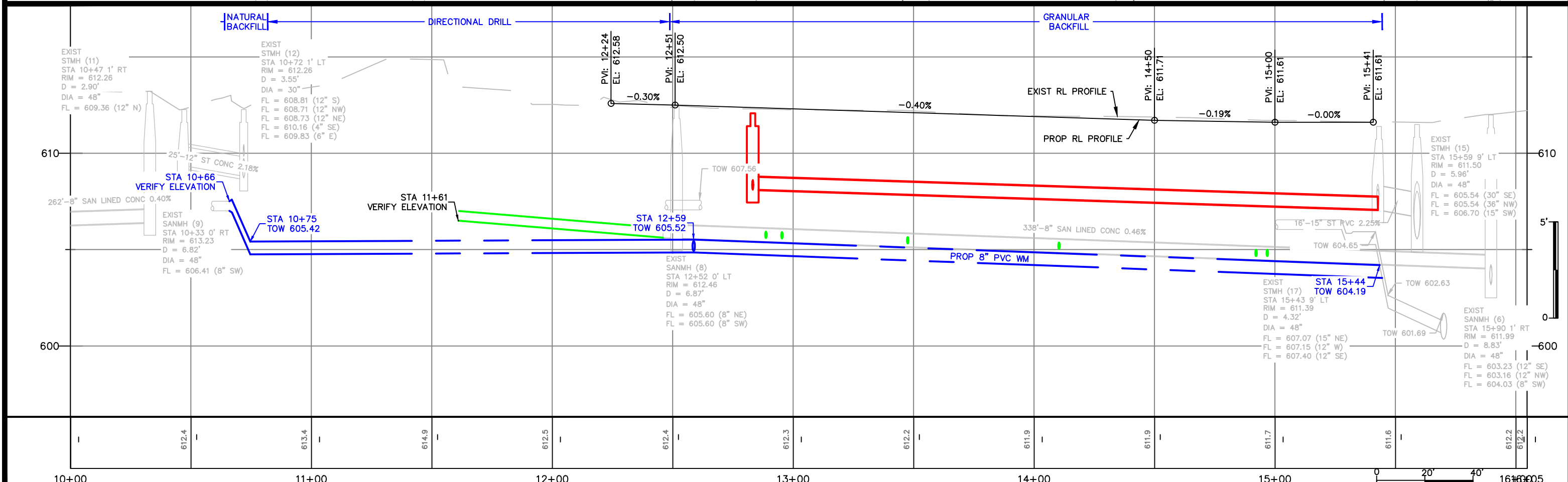
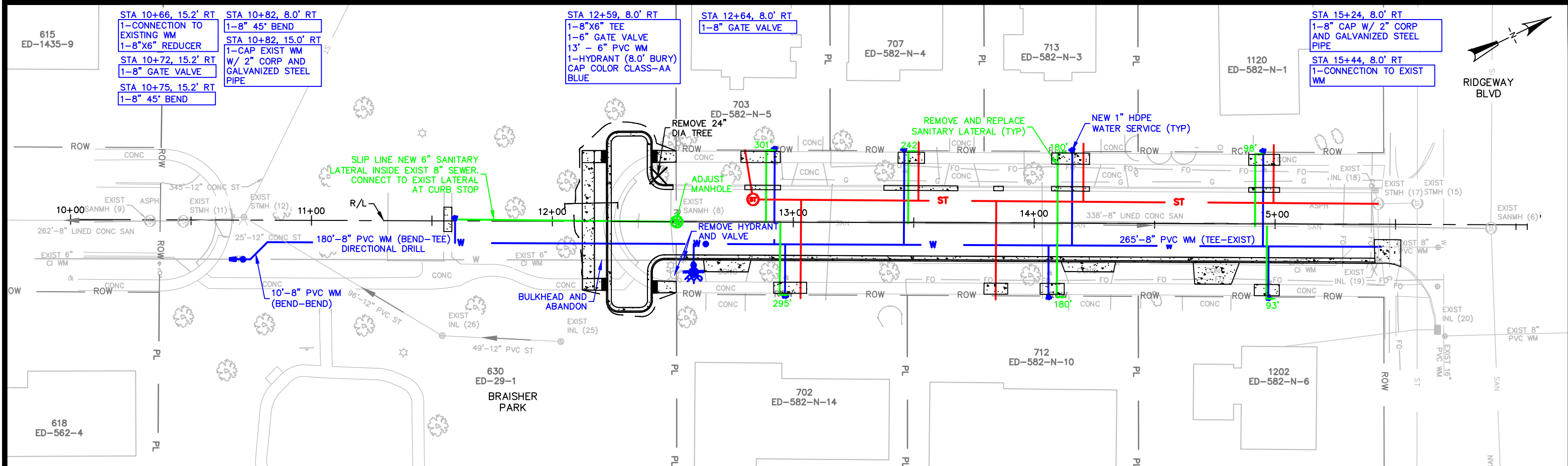


X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer & Water Relay & Street\1200-CAD\Adams_LP&P.dwg



CITY OF DE PERE		NORTH ADAMS STREET		NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT		BY KAD		DATE 10-2024		REVISIONS / ISSUES		PAGE NO.	
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115		600' N/O IRWIN AVENUE TO RIDGEWAY BLVD		25-01		KAD		11-2024		NO. DATE BY REMARKS		C104	
OFFICE 920-339-4061 FAX 920-339-4071		STORM SEWER AND STREET				KAD		11-2024					
						EPR		12-2024					

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer & Water Relay & Street\1200-CAD\Adams\ADAMS_P&P.dwg



CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

N WASHINGTON STREET
 250' N/O FULTON ST TO RIDGEWAY BLVD
 SANITARY SEWER AND WATER MAIN

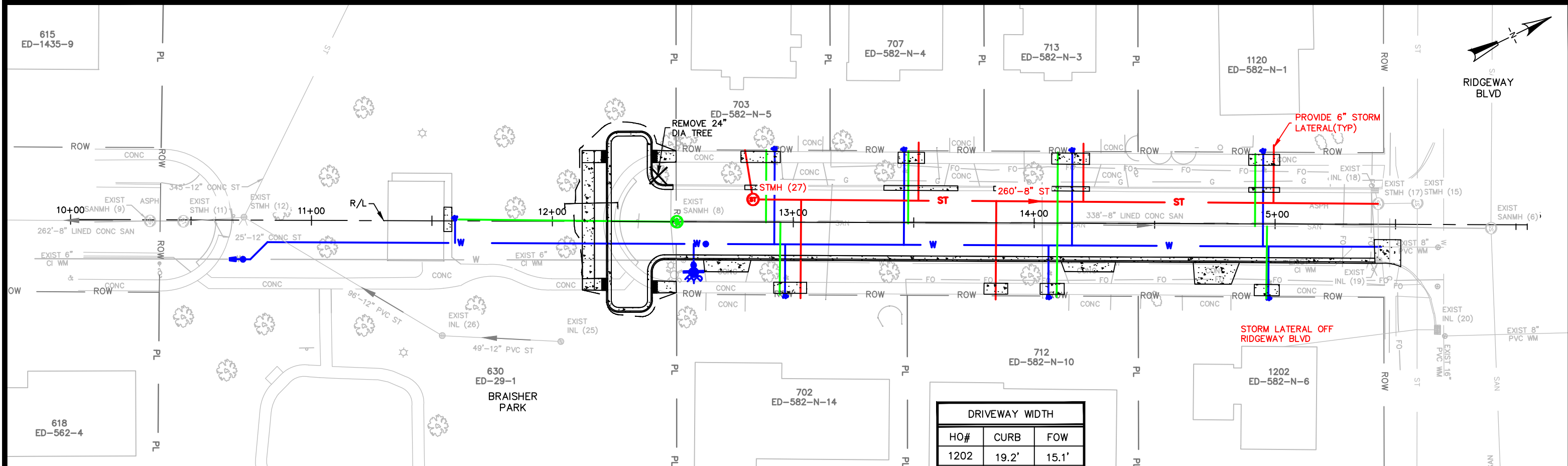
NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

BY	DATE
SURVEYED KAD	10-2024
DRAWN KAD	10-2024
DESIGNED KAD	11-2024
CHECKED EPR	11-2024

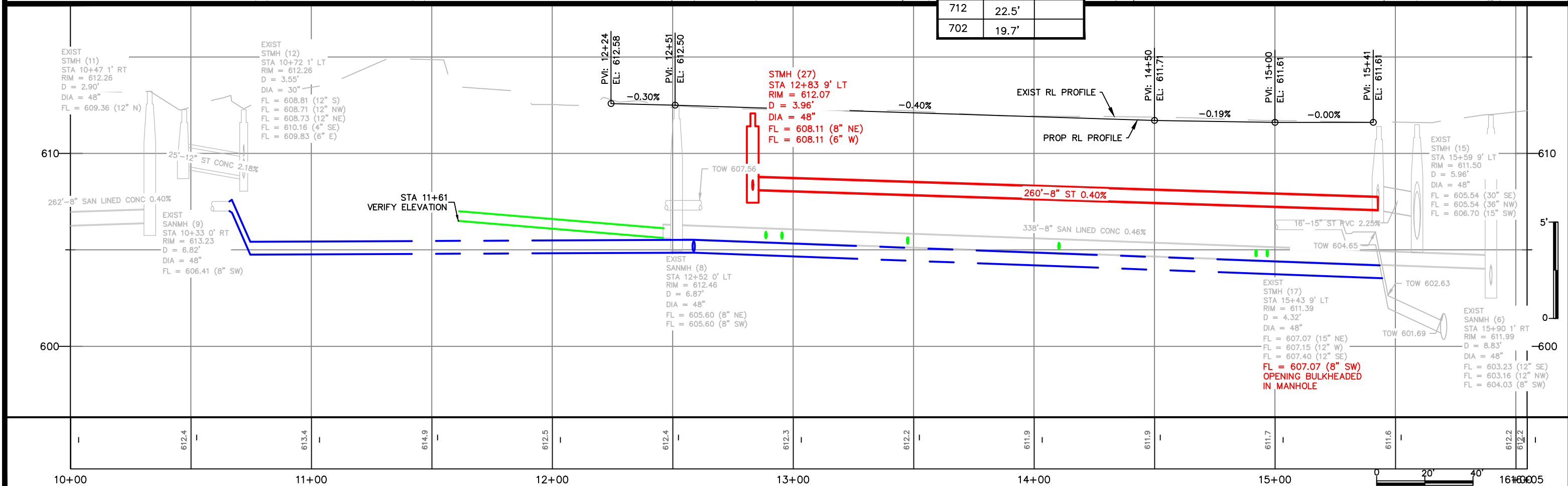
REVISIONS / ISSUES		
NO.	DATE	REMARKS

PAGE NO.
C106

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\N Washington\1200-CAD\N Washington_P&P.dwg



DRIVEWAY WIDTH		
HO#	CURB	FOW
1202	19.2'	15.1'
712	22.5'	
702	19.7'	



CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

N WASHINGTON STREET
 250' N/O FULTON ST TO RIDGEWAY BLVD
 STORM SEWER AND STREET

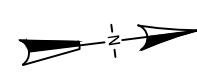
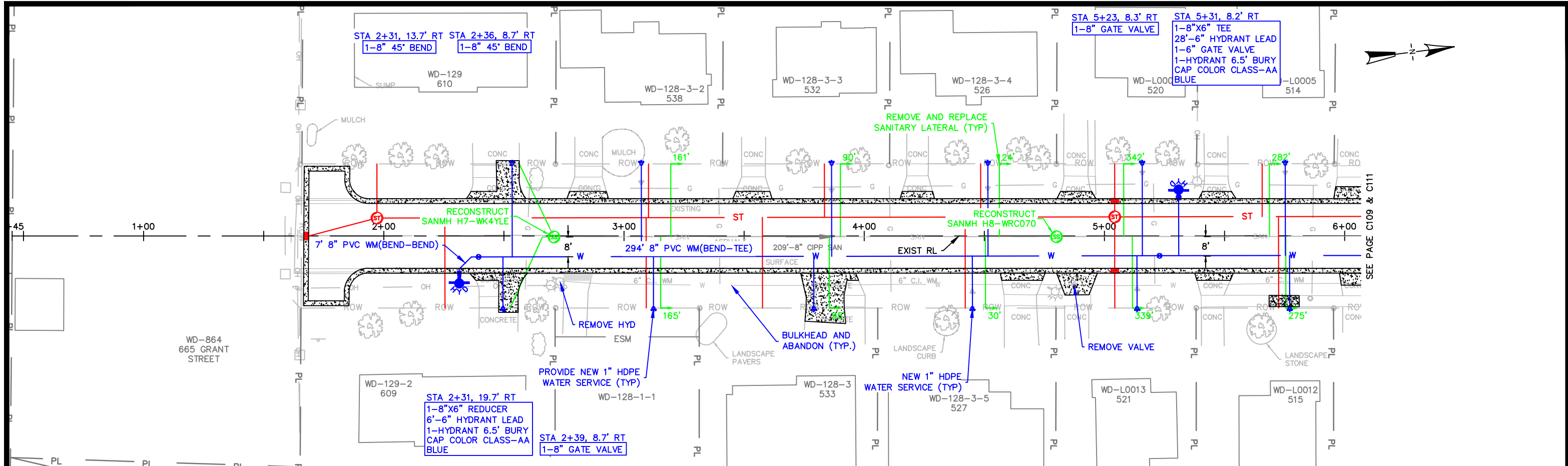
NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

	BY	DATE
SURVEYED	KAD	10-2024
DRAWN	KAD	10-2024
DESIGNED	KAD	11-2024
CHECKED	EPR	11-2024

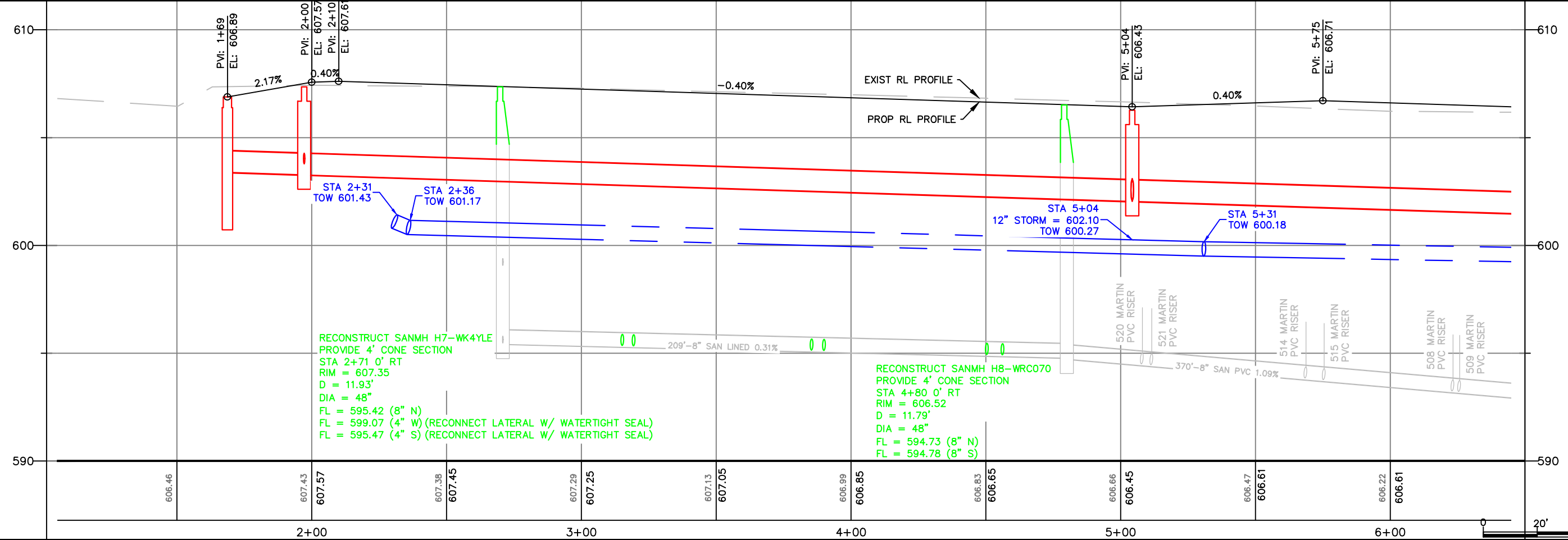
REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

PAGE NO.
C107

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\N Washington\Washington_P&P.dwg

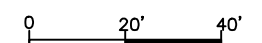
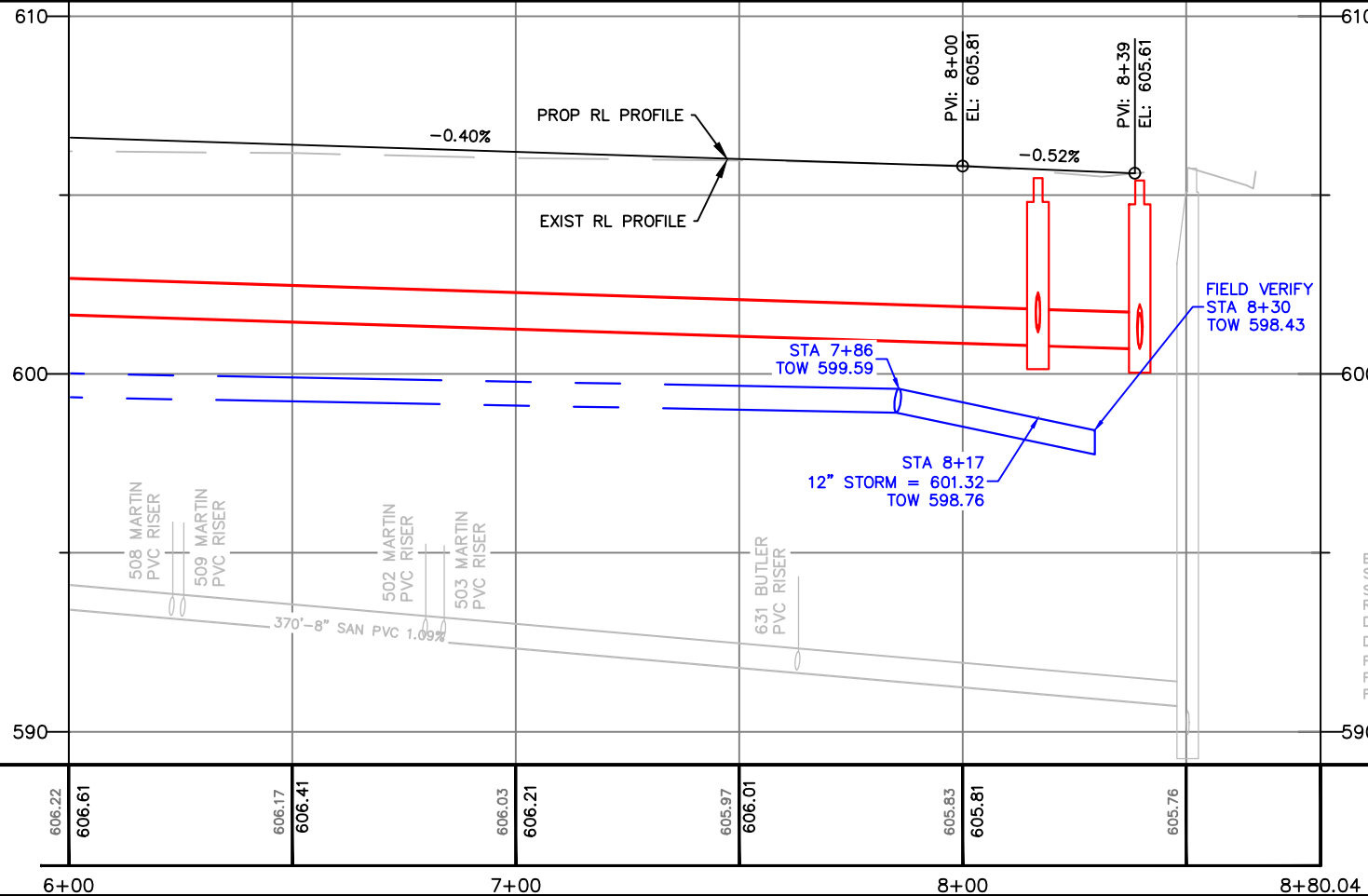
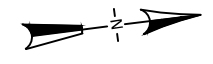
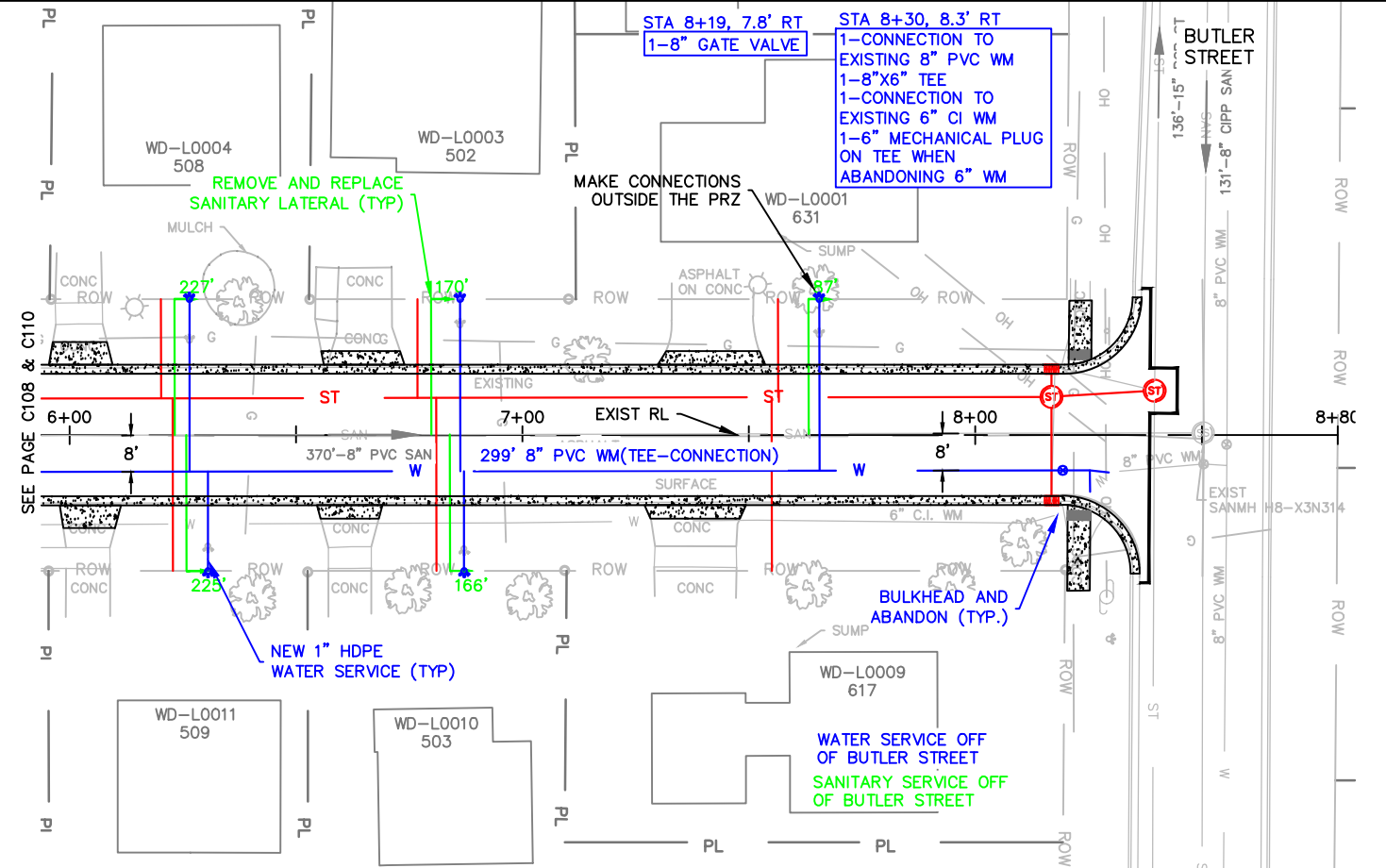


SEE PAGE C109 & C111



CITY OF DE PERE ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115 OFFICE 920-339-4061 FAX 920-339-4071	MARTIN STREET SOUTHERN TERMINUS TO 250' SOUTH OF BUTLER ST SANITARY SEWER AND WATER MAIN	NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT: 25-01	BY: APB DATE: 12-2023 DRAWN: APB DATE: 12-2023 DESIGNED: APB DATE: 01-2024 CHECKED: CKK DATE: 01-2024	REVISIONS / ISSUES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	BY	REMARKS					PAGE NO. C108
NO.	DATE	BY	REMARKS										

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\Martin_Street\Martin_P&P.dwg



CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

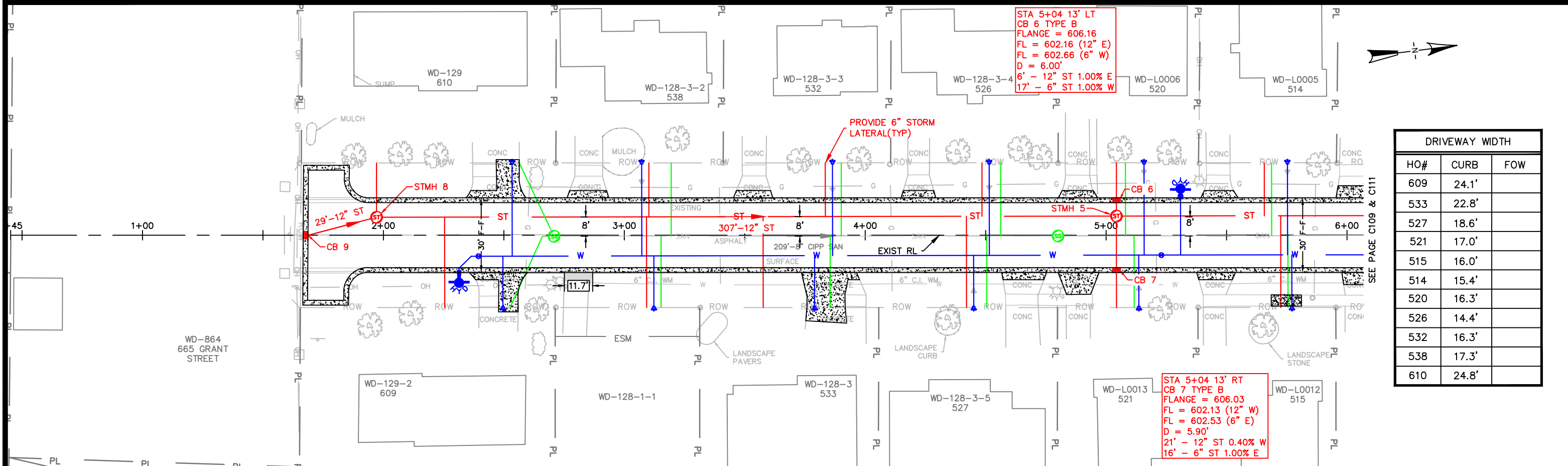
MARTIN STREET
 250' SOUTH OF BUTLER ST TO BUTLER ST
 SANITARY SEWER AND WATER MAIN

NAME: SEWER AND WATER RELAY AND STREET RESURFACING
 PROJECT: 25-01

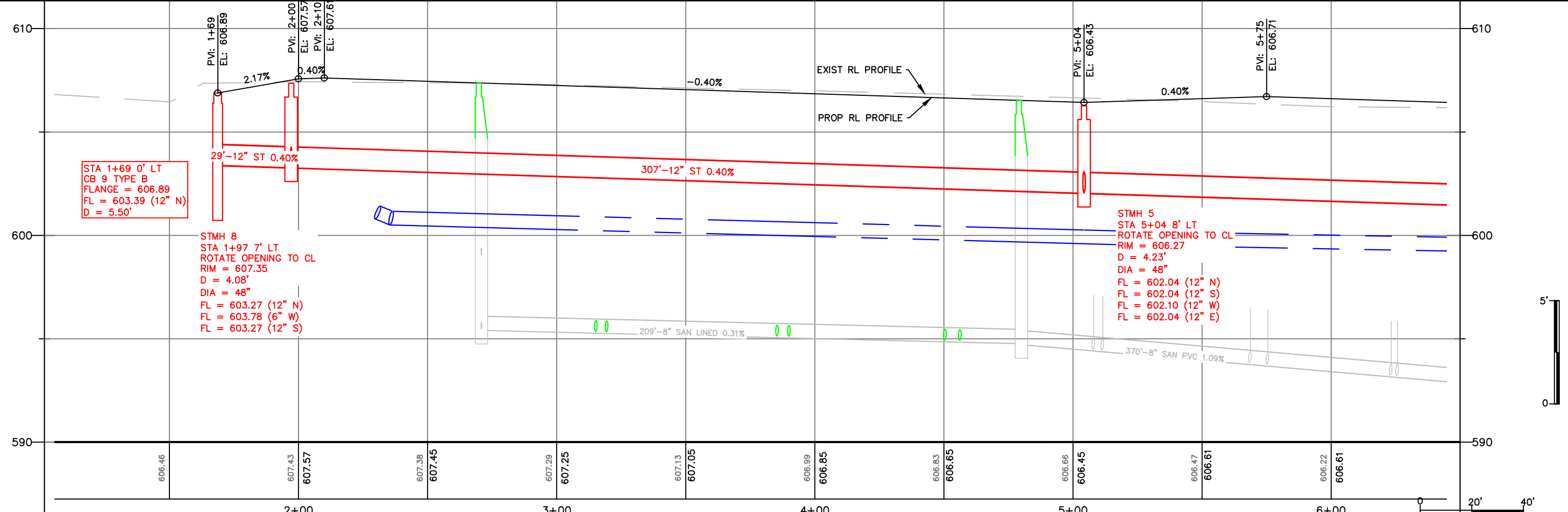
NO.	DATE	REVISIONS / ISSUES	
		BY	REMARKS
SURVEYED	12-2023	APB	
DRAWN	12-2023	APB	
DESIGNED	01-2024	APB	
CHECKED	01-2024	CKK	

PAGE NO.
C109

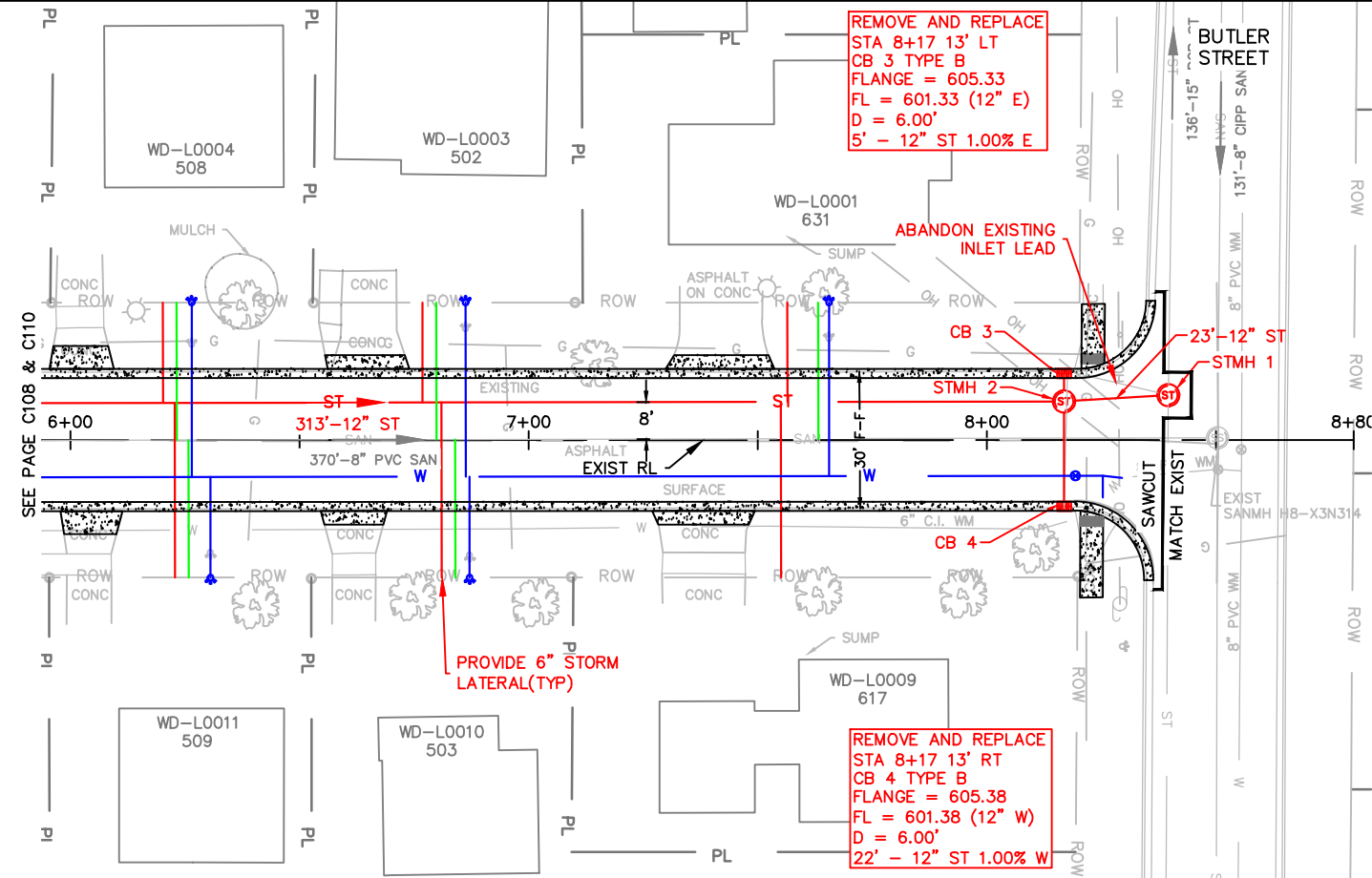
X:\ENG\Projects\City Projects\2025\Project_25-01-Sewer_&_Water_Relay_&_Street\1200-CAD\Martin_Street\Martin_Street_P&P.dwg



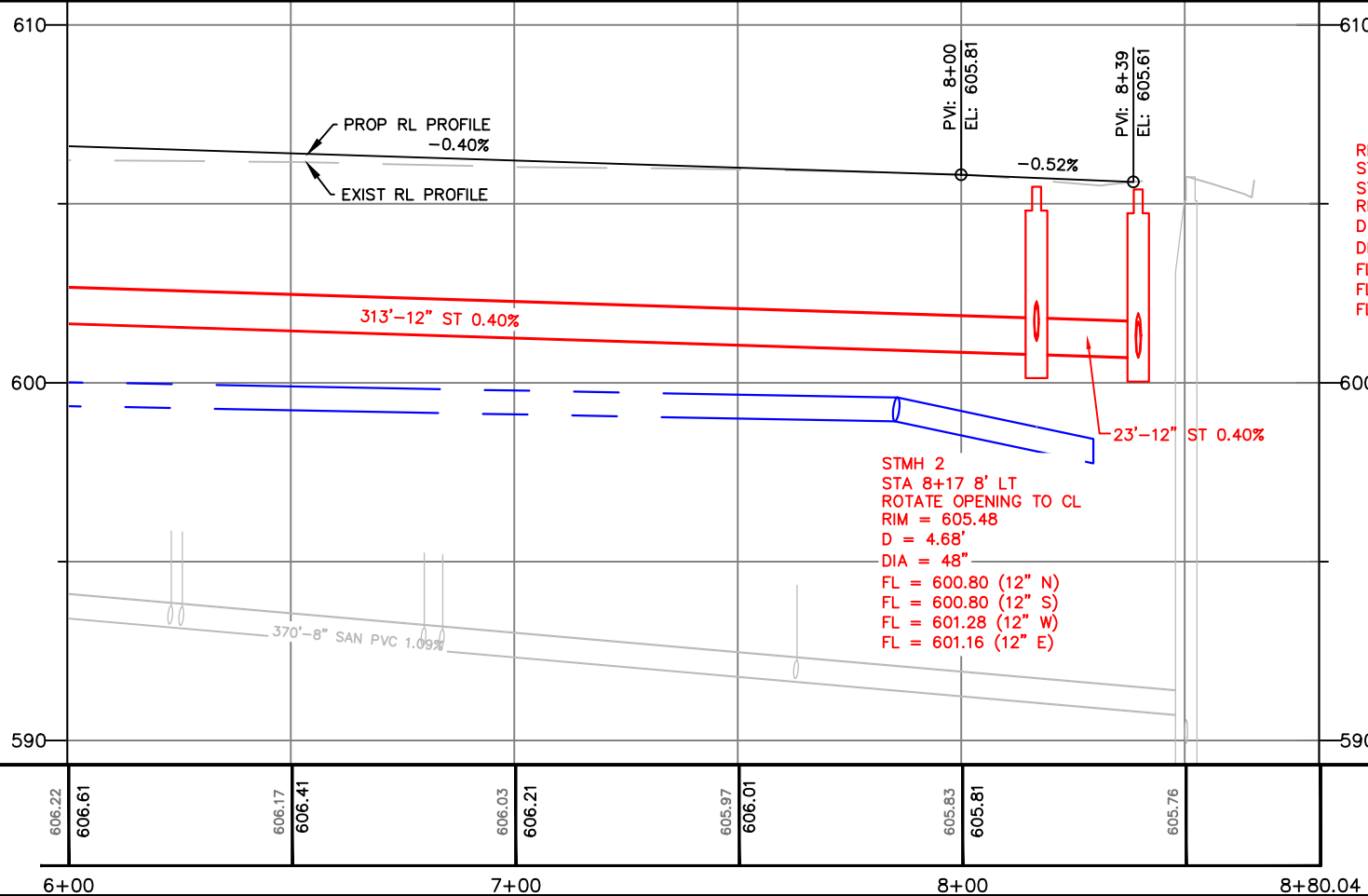
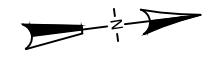
DRIVEWAY WIDTH		
HO#	CURB	FOW
609	24.1'	
533	22.8'	
527	18.6'	
521	17.0'	
515	16.0'	
514	15.4'	
520	16.3'	
526	14.4'	
532	16.3'	
538	17.3'	
610	24.8'	



X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Street\Martin_Street\Martin_Street_P&P.dwg

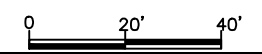


DRIVEWAY WIDTH		
HO#	CURB	FOW
509	13.5'	
503	14.5'	
617	22.4'	
631	23.7'	
502	17.8'	
508	14.0'	



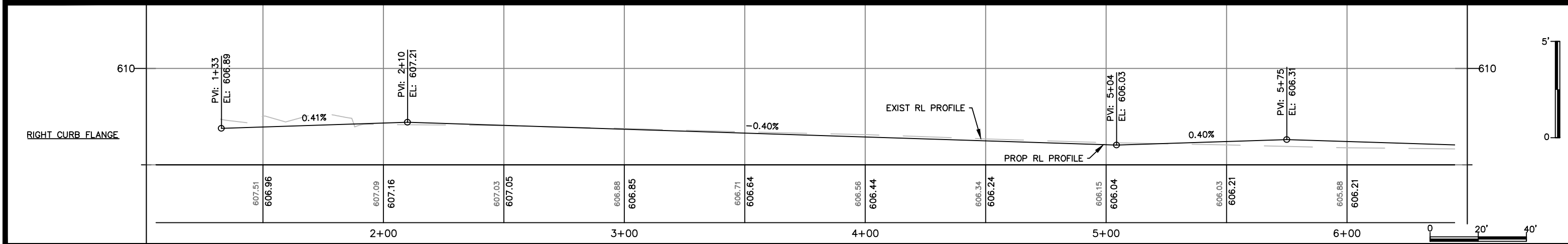
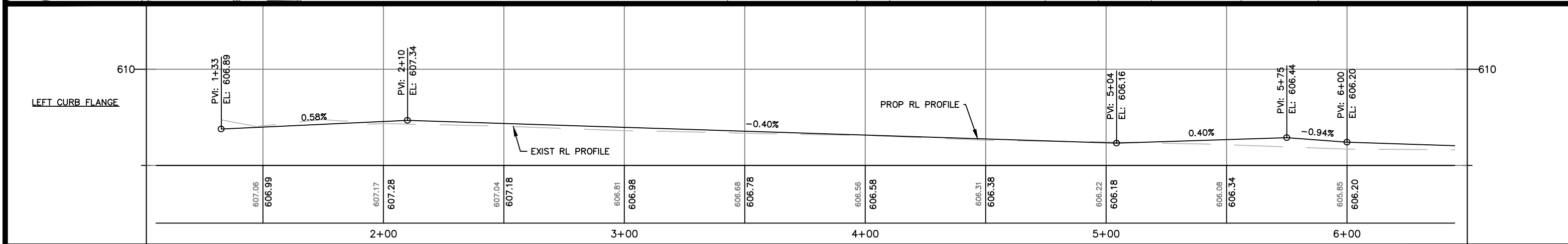
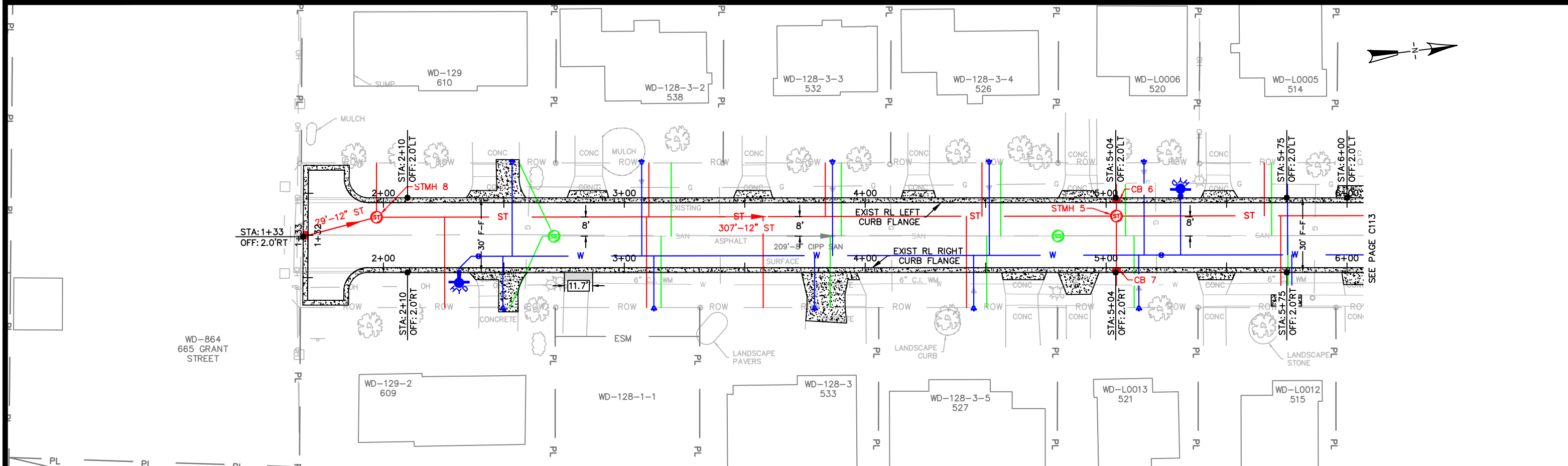
REMOVE AND REPLACE
STMH 1
STA 8+40 10' LT
RIM = 605.40
D = 4.70'
DIA = 48"
FL = 600.70 (15" W)
FL = 600.71 (12" E)
FL = 600.70 (12" S)

STMH 2
STA 8+17 8' LT
ROTATE OPENING TO CL
RIM = 605.48
D = 4.68'
DIA = 48"
FL = 600.80 (12" N)
FL = 600.80 (12" S)
FL = 601.28 (12" W)
FL = 601.16 (12" E)



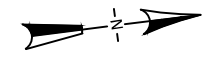
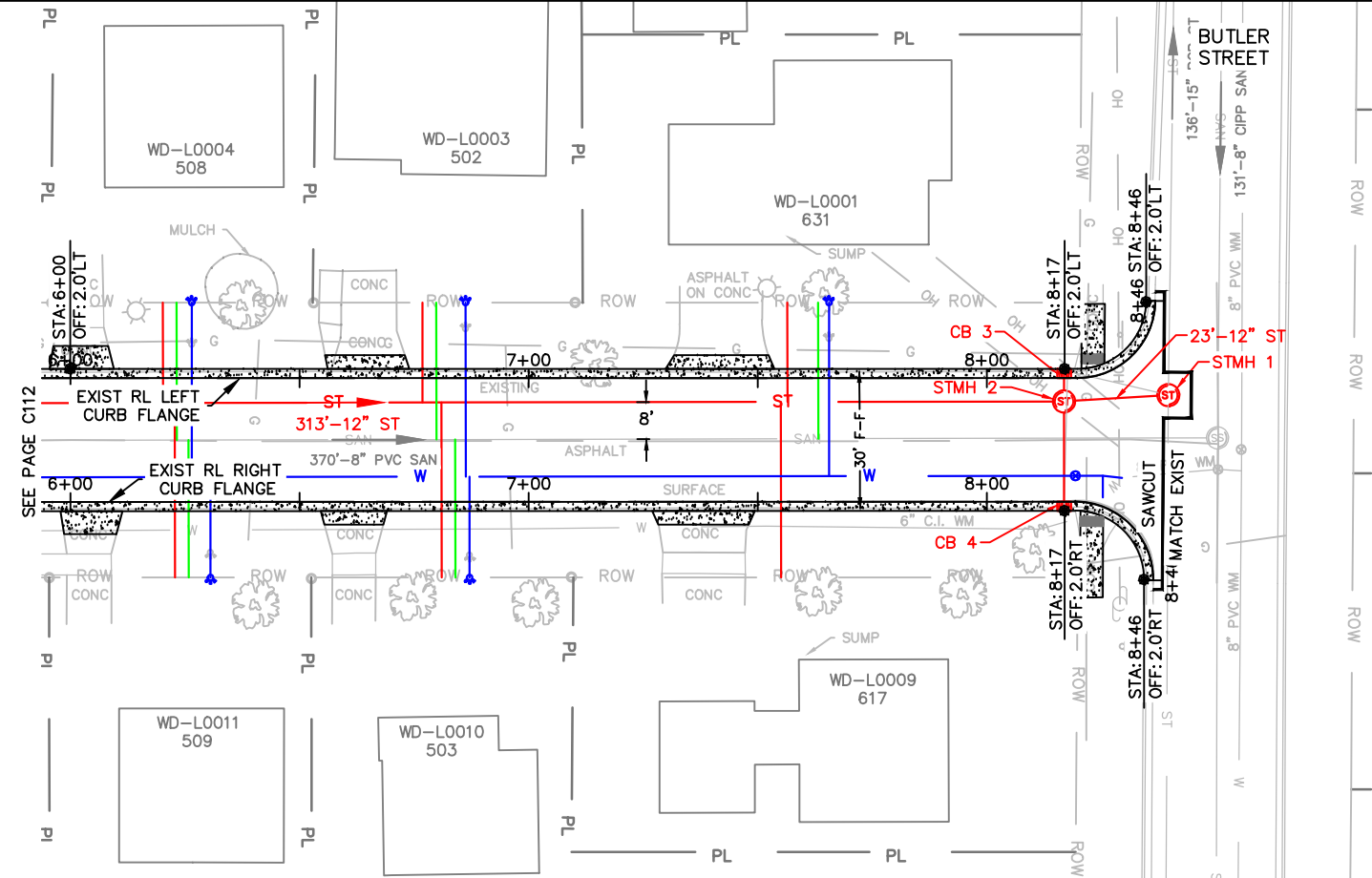
NO.	DATE	REVISIONS / ISSUES	
		BY	REMARKS
SURVEYED	12-2023	APB	
DRAWN	12-2023	APB	
DESIGNED	01-2024	APB	
CHECKED	01-2024	CKK	

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\Martin_Street\Martin_Street_P&P.dwg

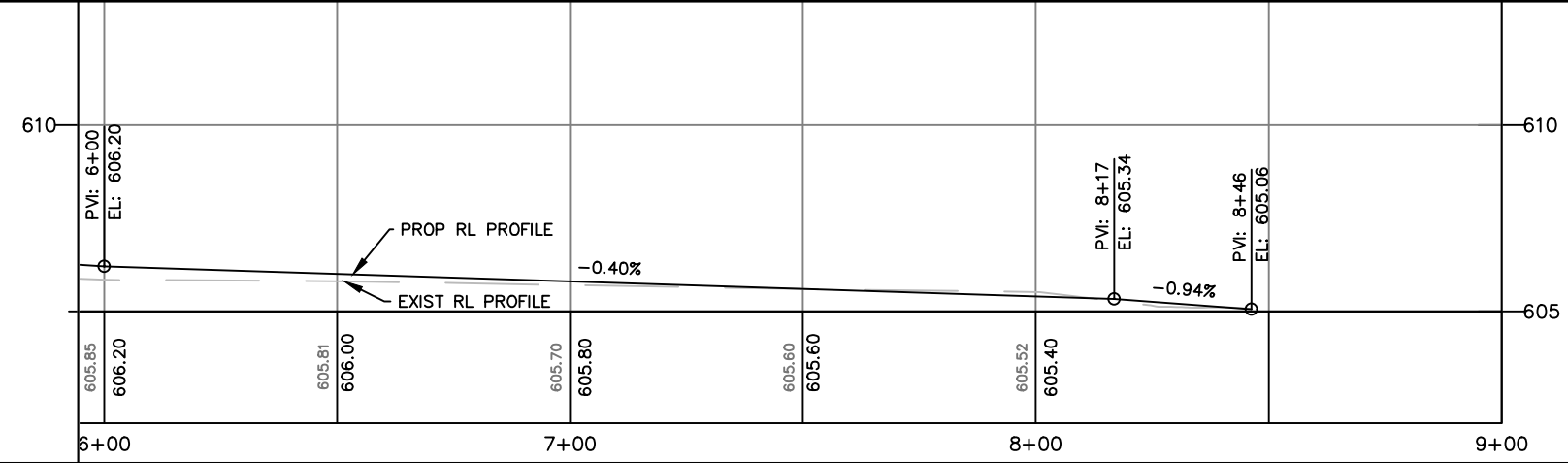


CITY OF DE PERE ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115 OFFICE 920-339-4061 FAX 920-339-4071	MARTIN STREET SOUTHERN TERMINUS TO 250' SOUTH OF BUTLER ST CURB FLANGE PROFILES	NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT 25-01	BY: APB DATE: 12-2023 DRAWN: APB DATE: 01-2025 DESIGNED: CKK DATE: 01-2025 CHECKED: EPR DATE: 01-2025	REVISIONS / ISSUES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	BY	REMARKS													PAGE NO. C112
NO.	DATE	BY	REMARKS																		

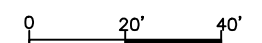
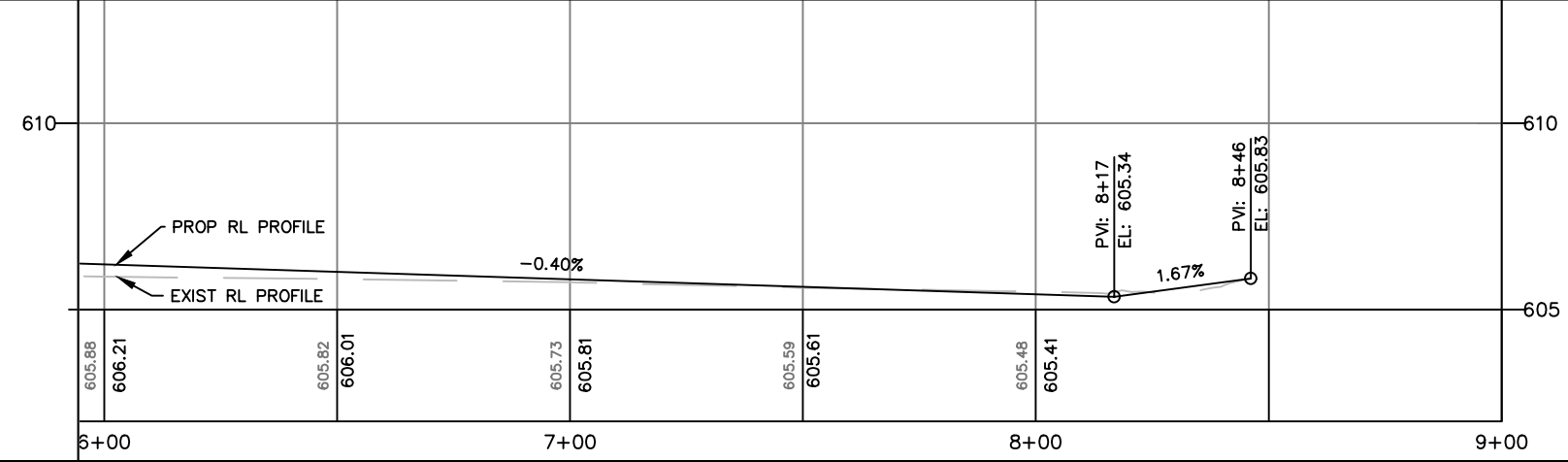
X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\Martin_Street\Martin_Street_P&P.dwg



LEFT CURB FLANGE



RIGHT CURB FLANGE

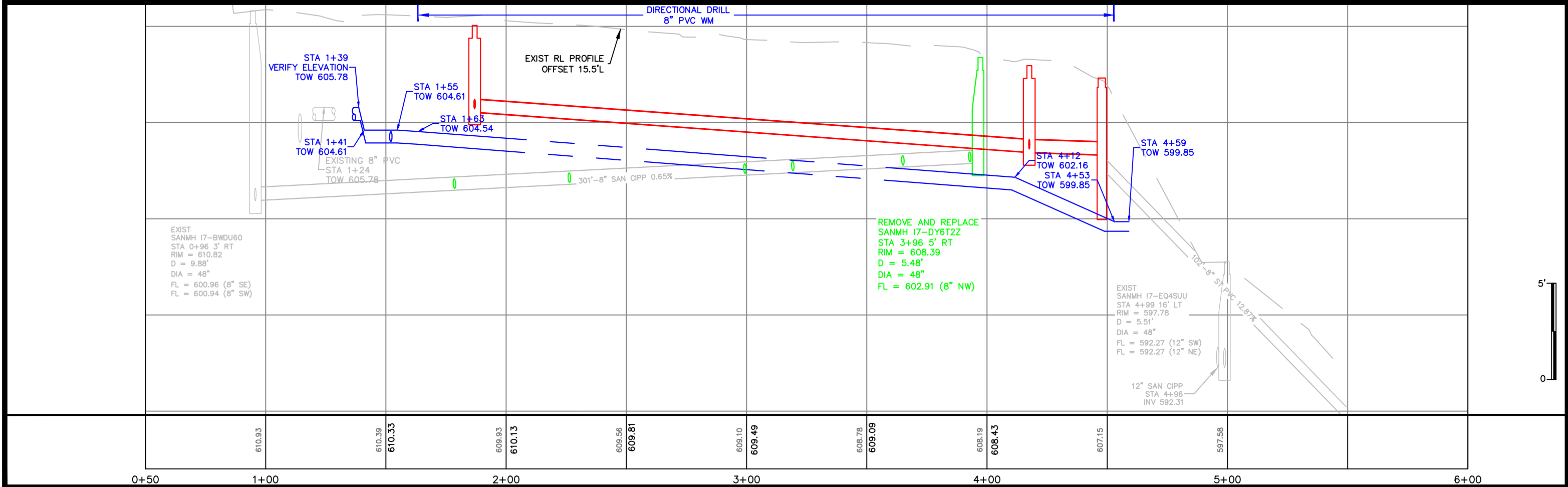
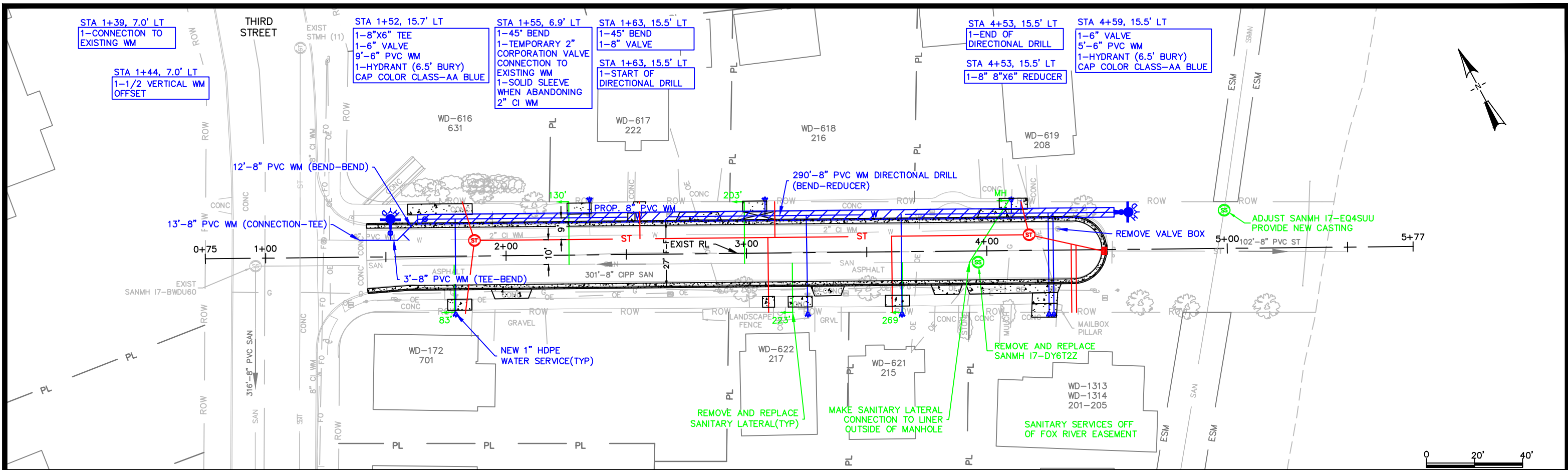


CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

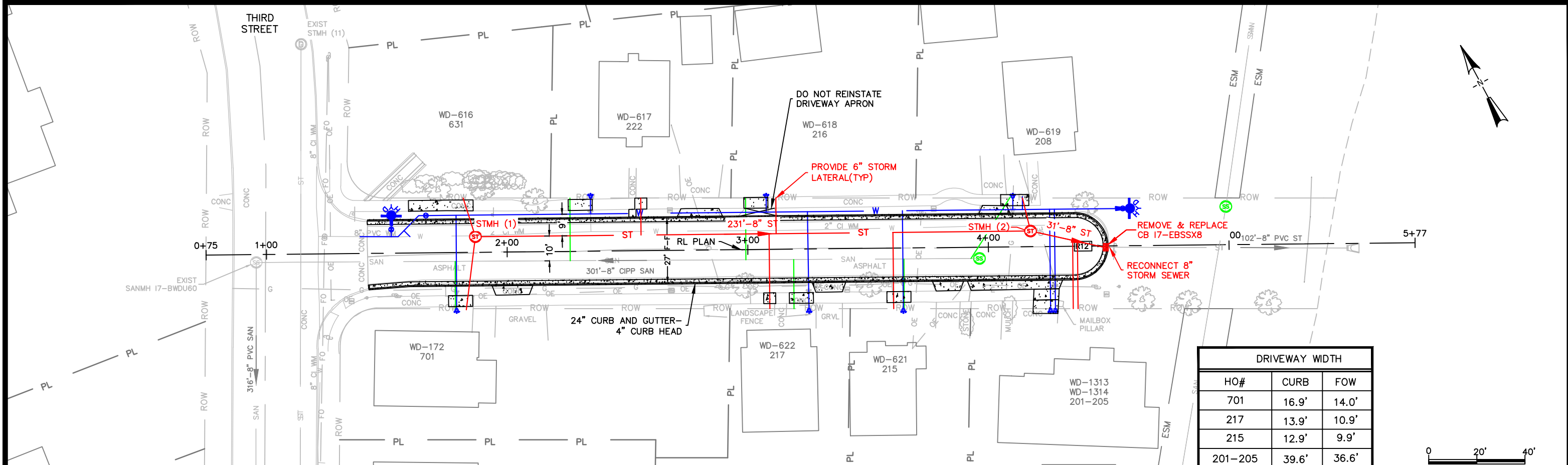
MARTIN STREET
 250' SOUTH OF BUTLER ST TO BUTLER ST
 CURB FLANGE PROFILES

NAME: SEWER AND WATER RELAY AND STREET RESURFACING
 PROJECT: 25-01

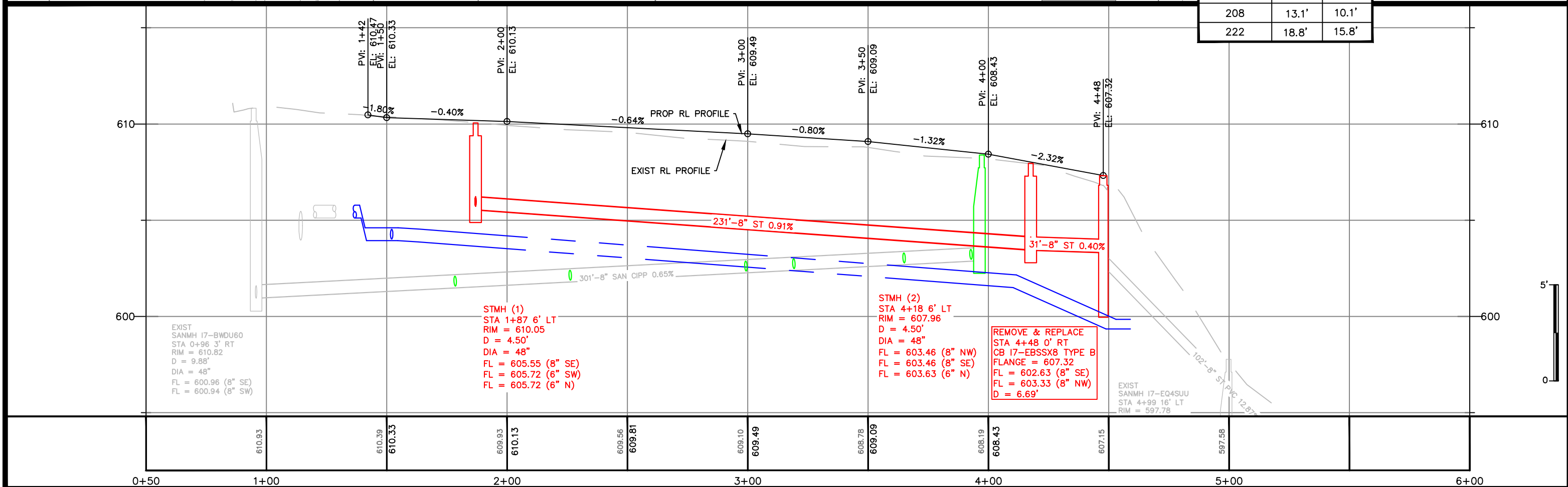
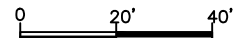
NO.	DATE	REVISIONS / ISSUES		PAGE NO.
		BY	REMARKS	
SURVEYED	12-2023	APB		C113
DRAWN	01-2025	APB		
DESIGNED	01-2025	CKK		
CHECKED	01-2025	EPR		



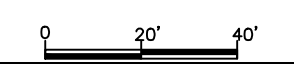
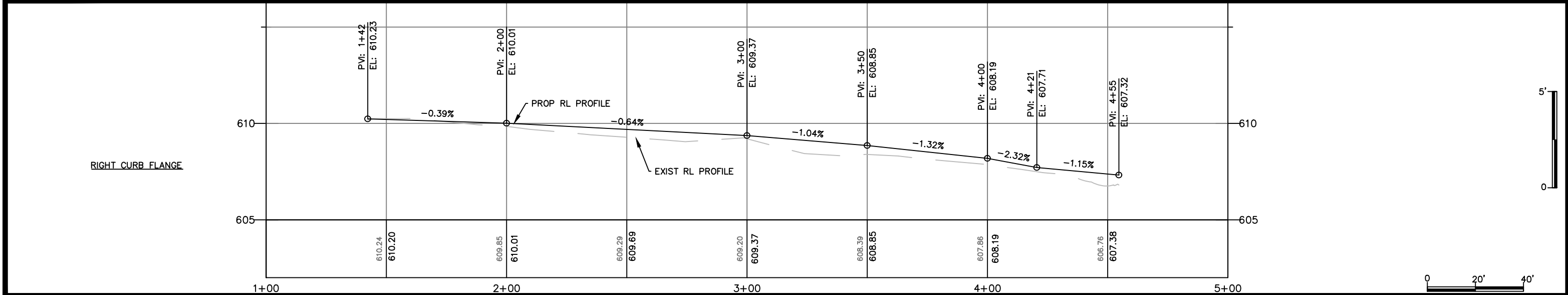
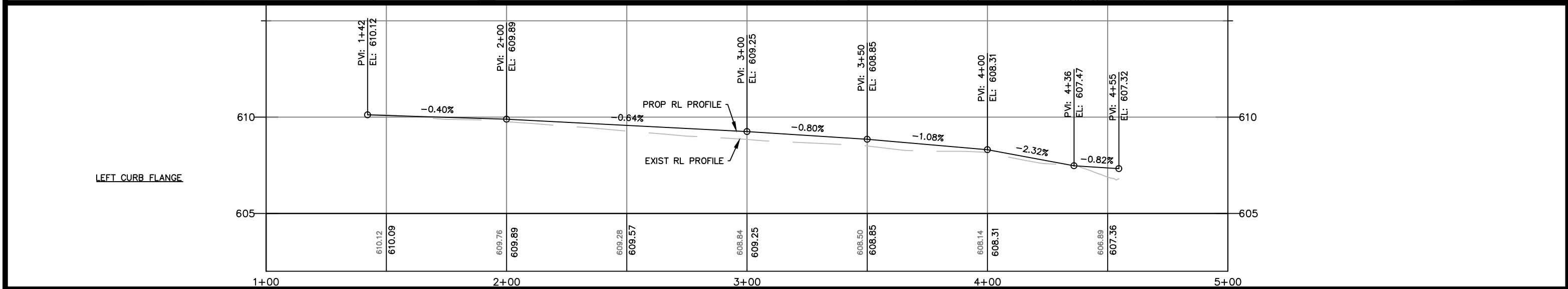
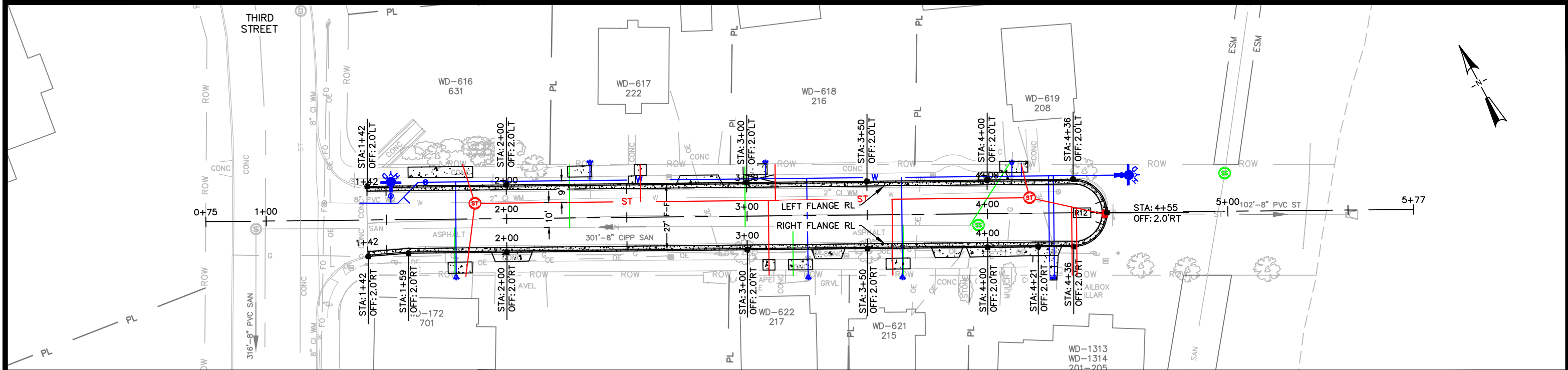
CITY OF DE PERE ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115 OFFICE 920-339-4061 FAX 920-339-4071		PLEASANT PLACE THIRD ST TO EAST END SANITARY SEWER AND WATER MAIN		NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT # 25-01	BY: APB DATE: 12-2023 DRAWN: APB DATE: 12-2023 DESIGNED: CKK DATE: 01-2024 CHECKED: CKK DATE: 02-2024	REVISIONS / ISSUES <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	BY	REMARKS					PAGE NO. C114
NO.	DATE	BY	REMARKS												



DRIVEWAY WIDTH		
HO#	CURB	FOW
701	16.9'	14.0'
217	13.9'	10.9'
215	12.9'	9.9'
201-205	39.6'	36.6'
208	13.1'	10.1'
222	18.8'	15.8'



X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_&_Water_Relay_&_Street\1200-CAD\Pleasant Place\1200-CAD\Pleasant Place_P&P.dwg



CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

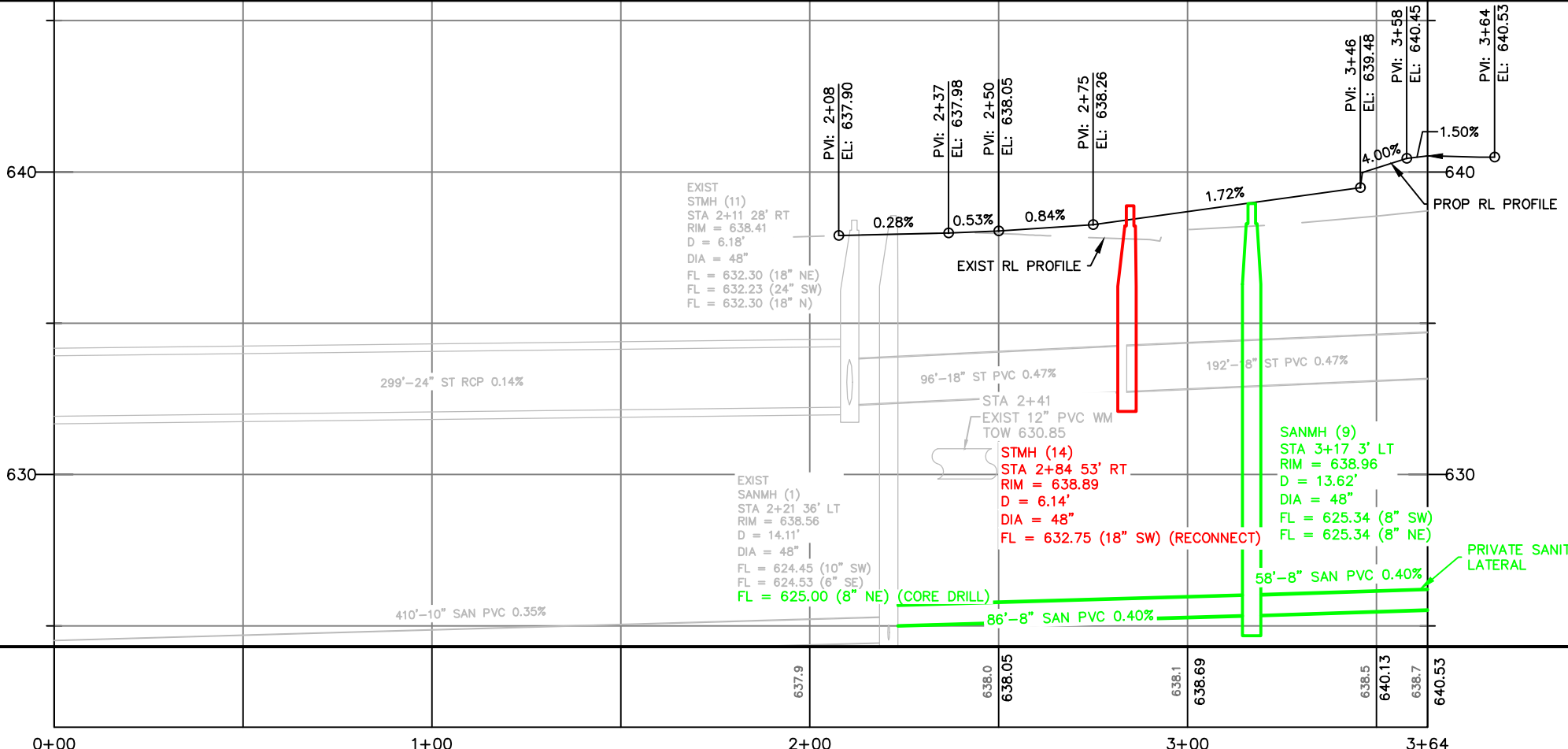
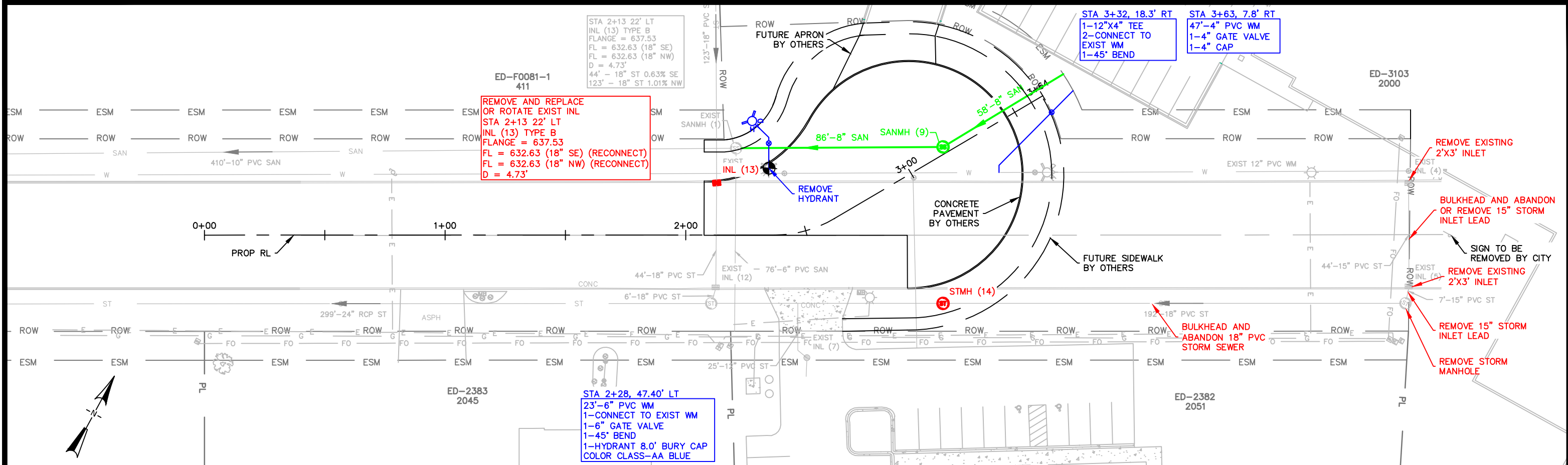
PLEASANT PLACE
 THIRD ST TO EAST END
 CURB FLANGE PROFILES

NAME: SEWER AND WATER RELAY AND STREET RESURFACING
 PROJECT # 25-01

NO.	DATE	BY	REVISIONS / ISSUES
SURVEYED	12-2023	APB	
DRAWN	12-2023	APB	
DESIGNED	01-2024	CKK	
CHECKED	02-2024	CKK	

PAGE NO. **C116**

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\Pleasant Place\Pleasant Place_P&P.dwg



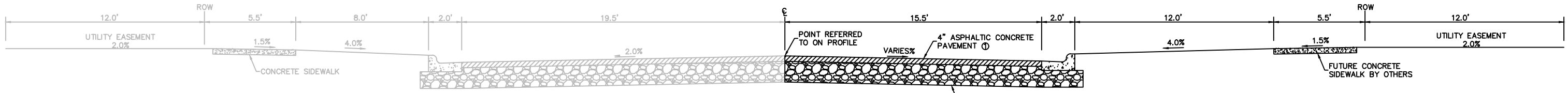
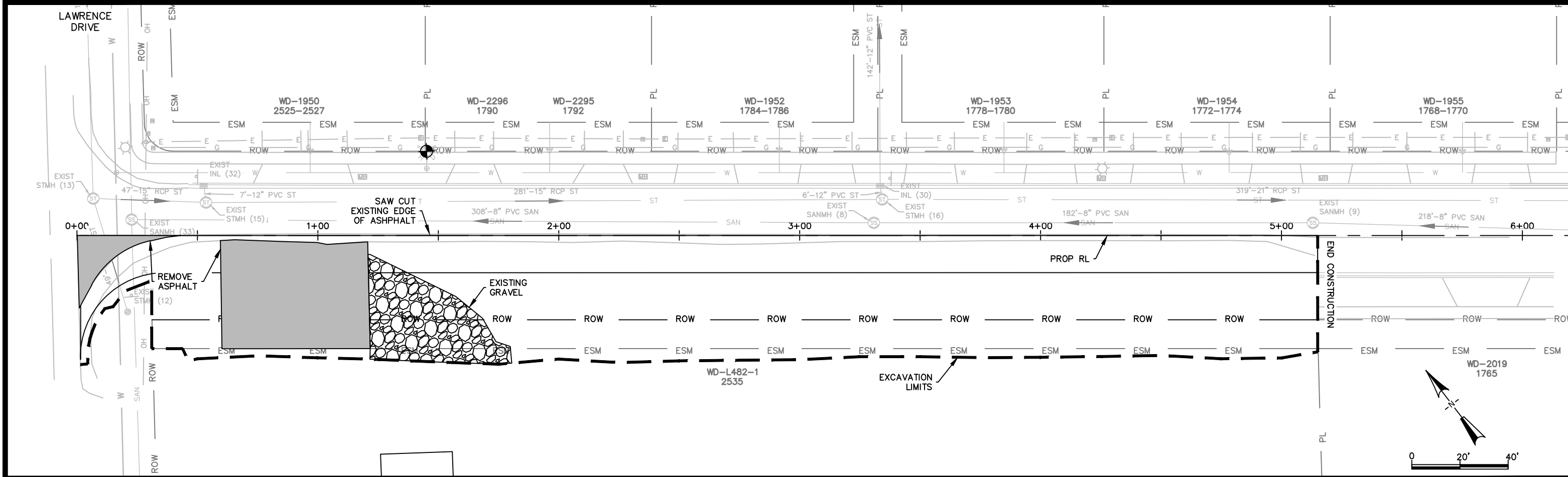
CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

PROFIT PLACE
 300' NE OF DESTINY DR TO 900' NE OF DESTINY DR
 UTILITY REPAIR

NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT
 25-01

SURVEYED	BY	DATE	REVISIONS / ISSUES		
			NO.	DATE	REMARKS
DESIGNED	MAL	12-2024			
CHECKED	OKK	12-2024			

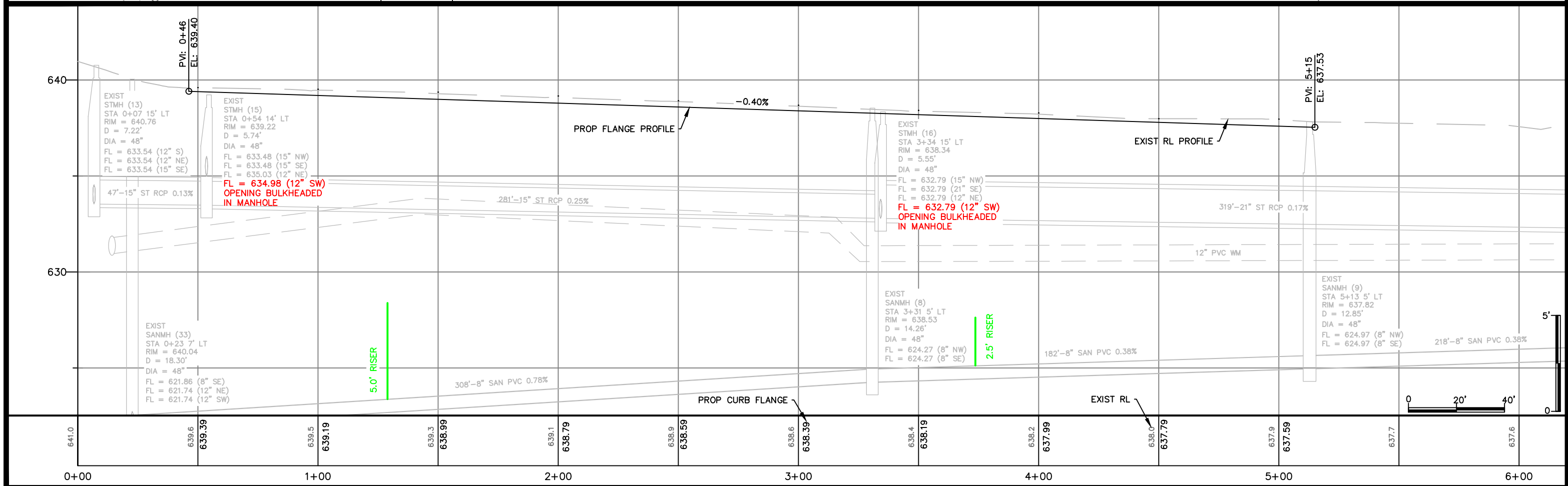
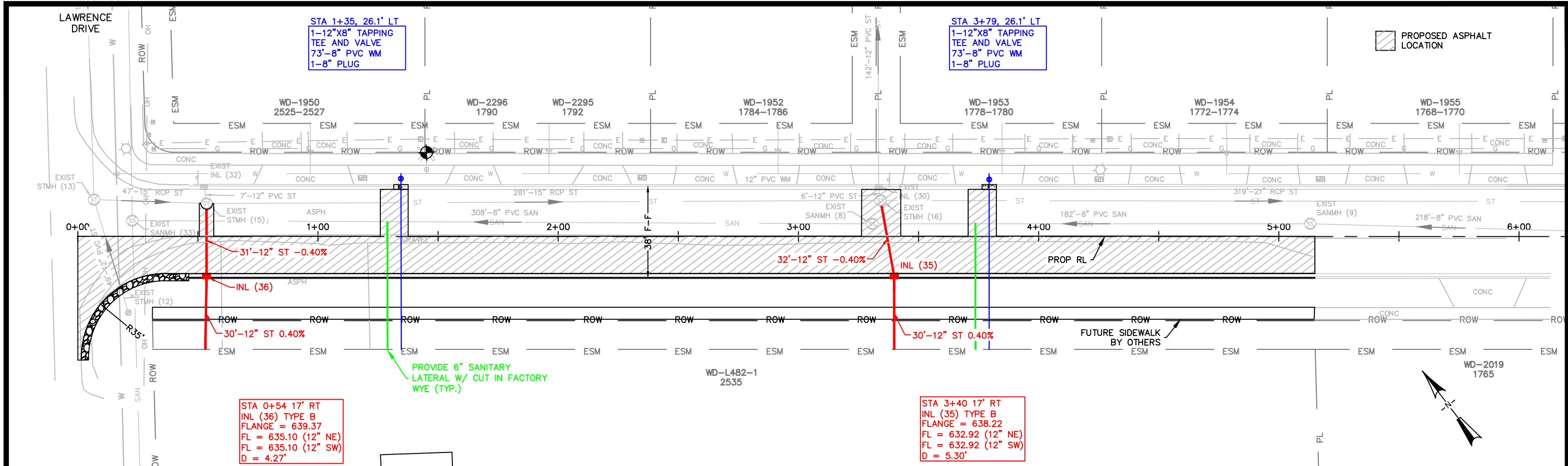
X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer & Water Relay & Street\1200-CAD\Profit Pl (copies of old plans)\25-01_Profit_P&P.dwg



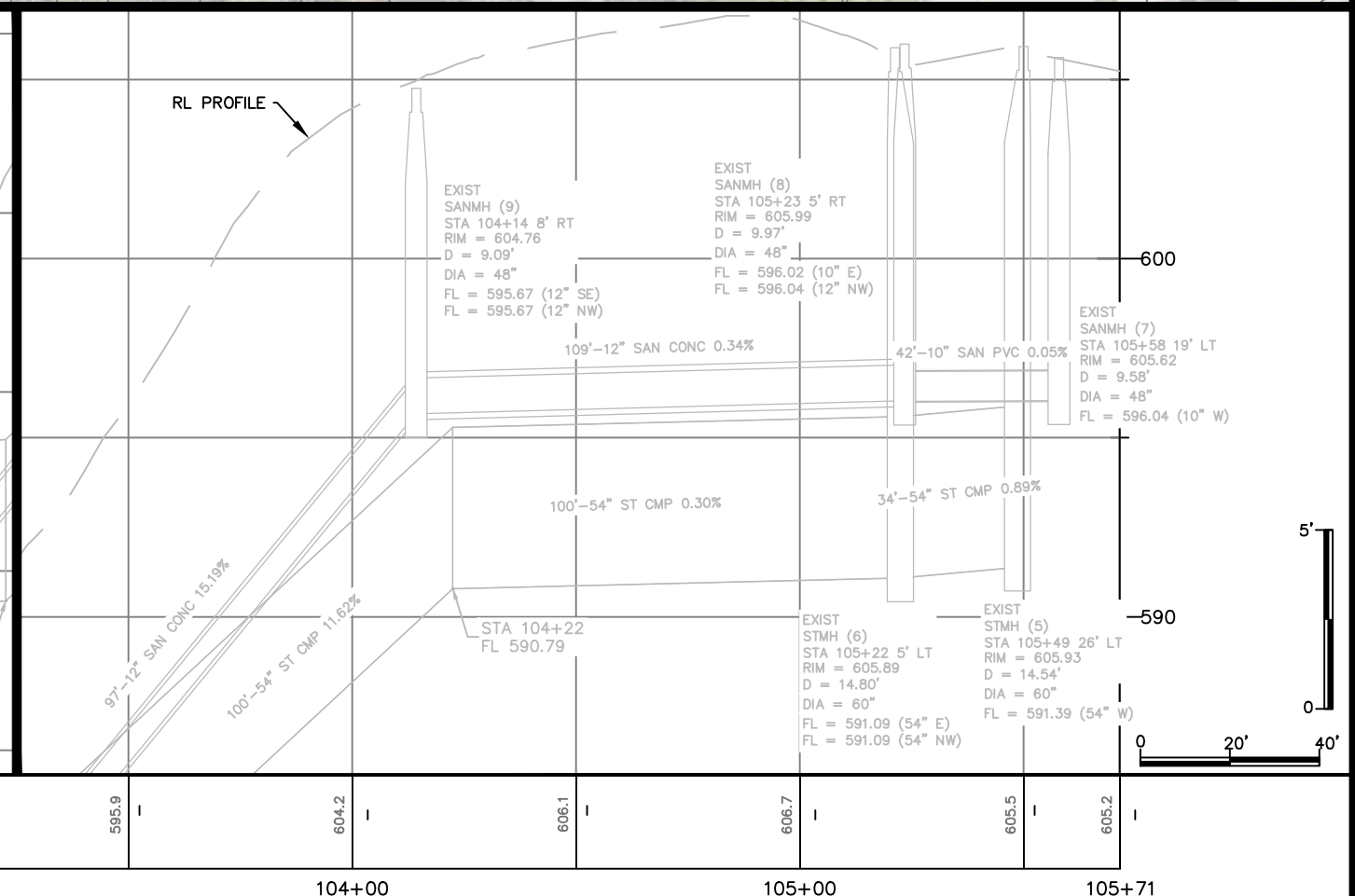
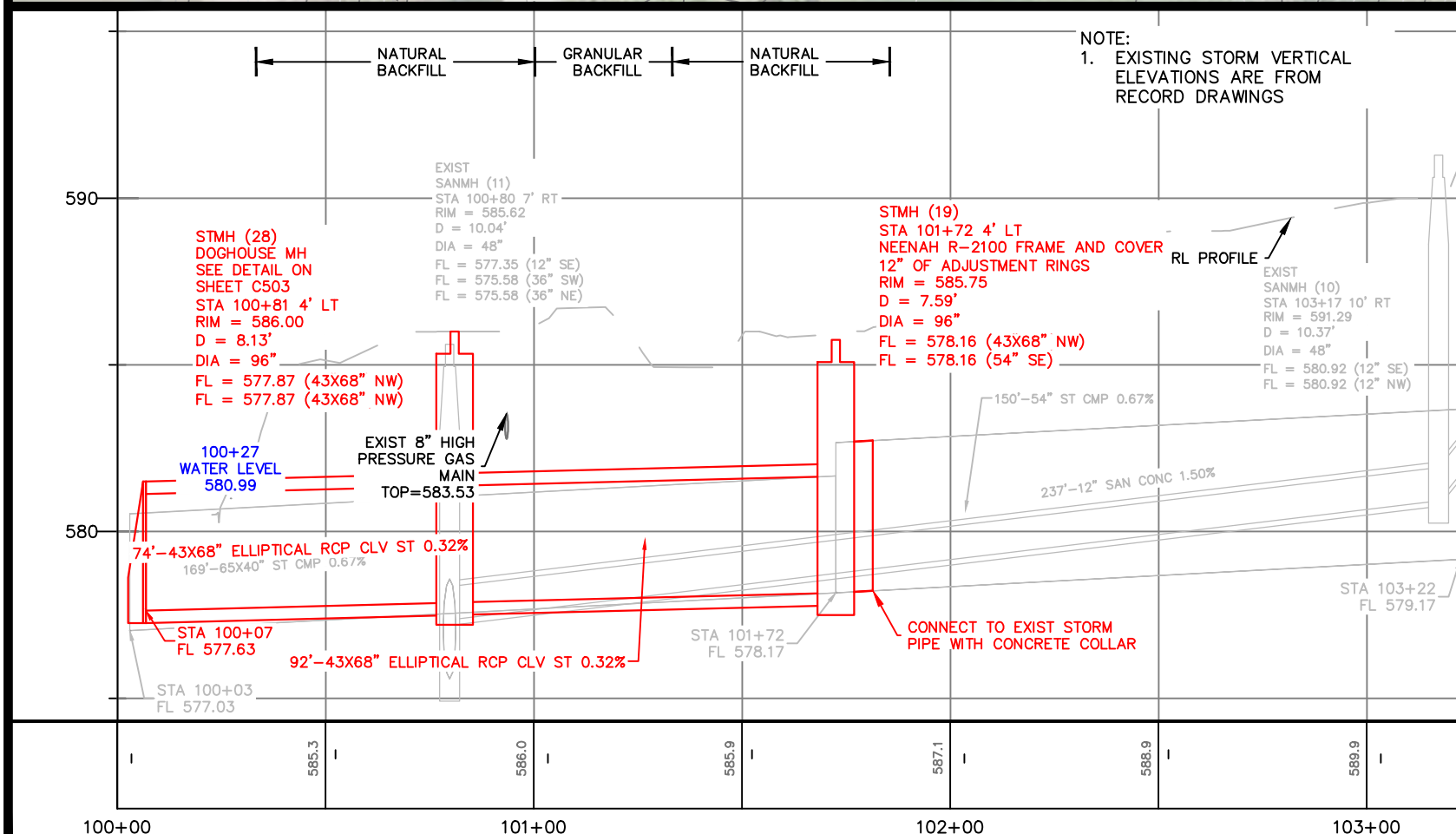
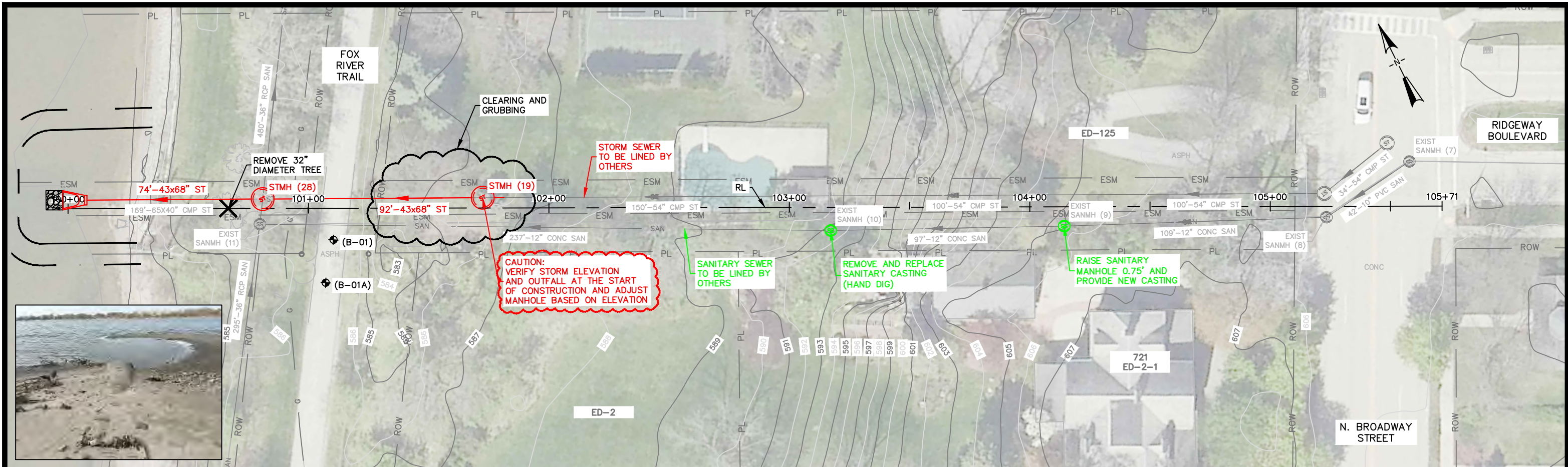
GARROMAN DRIVE
TYPICAL STREET DETAIL
39' BACK TO BACK
70' RIGHT OF WAY

① 4" ASPHALTIC CONCRETE PAVEMENT CONSISTS OF:
2.25" BINDER COURSE: 3 LT 58-28 S
1.75" SURFACE COURSE: 4 LT 58-28 S

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\Garroman Dr\Garroman_P&P.dwg



X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\Garroman Dr\Garroman_P&P.dwg



CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

**807 NORTH BROADWAY ST
 FOX RIVER TO N. BROADWAY ST
 UTILITY WORK**

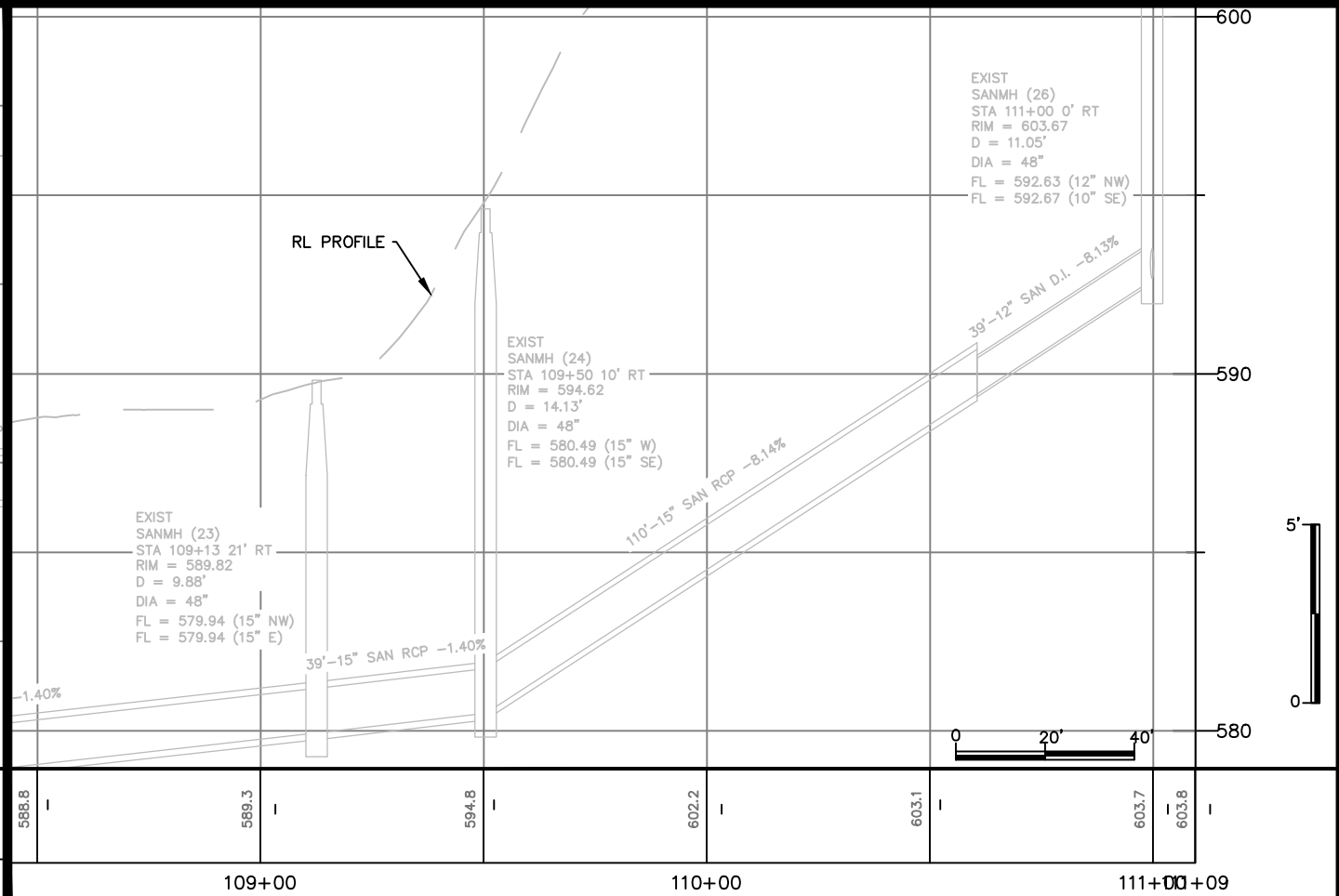
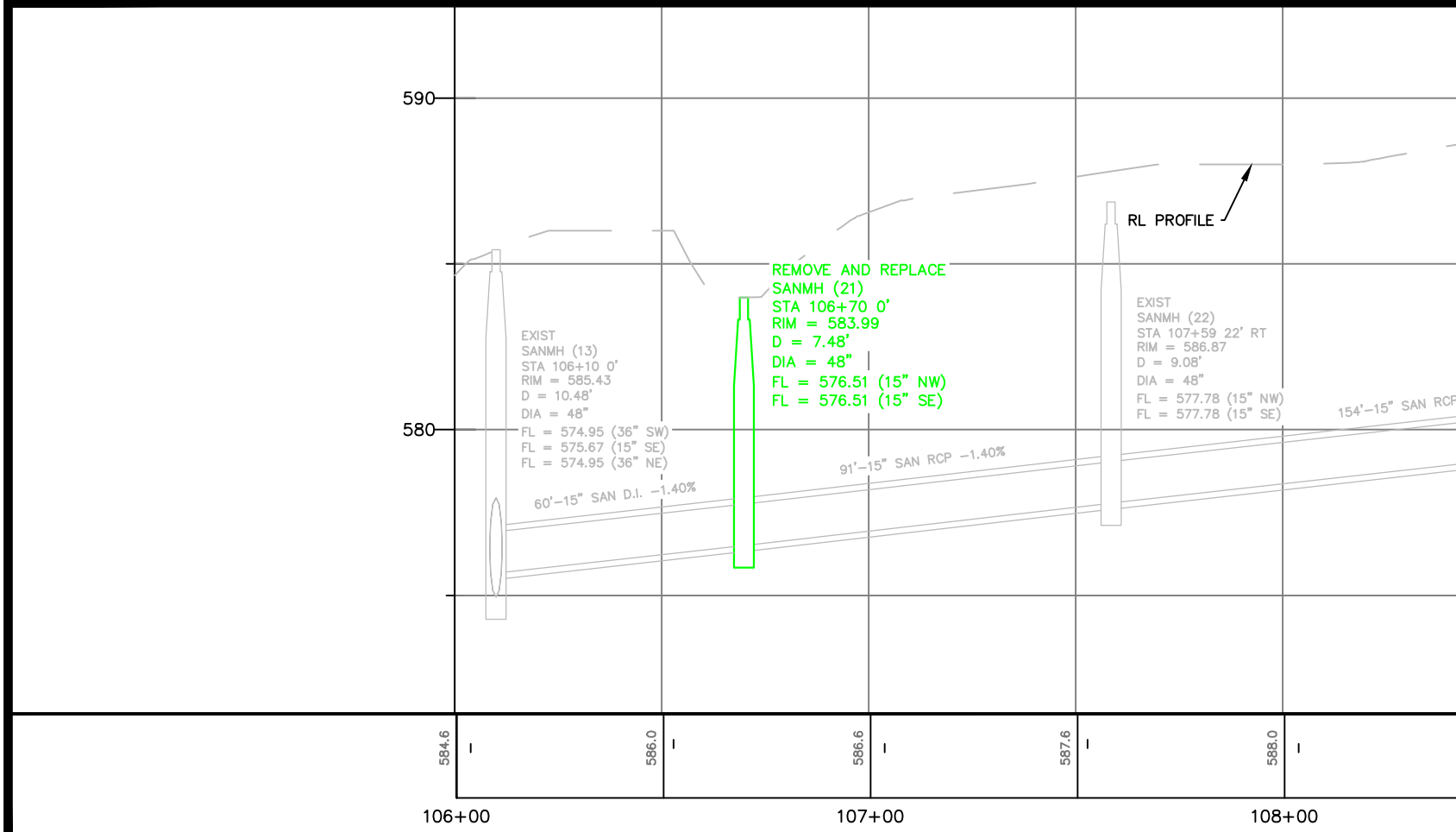
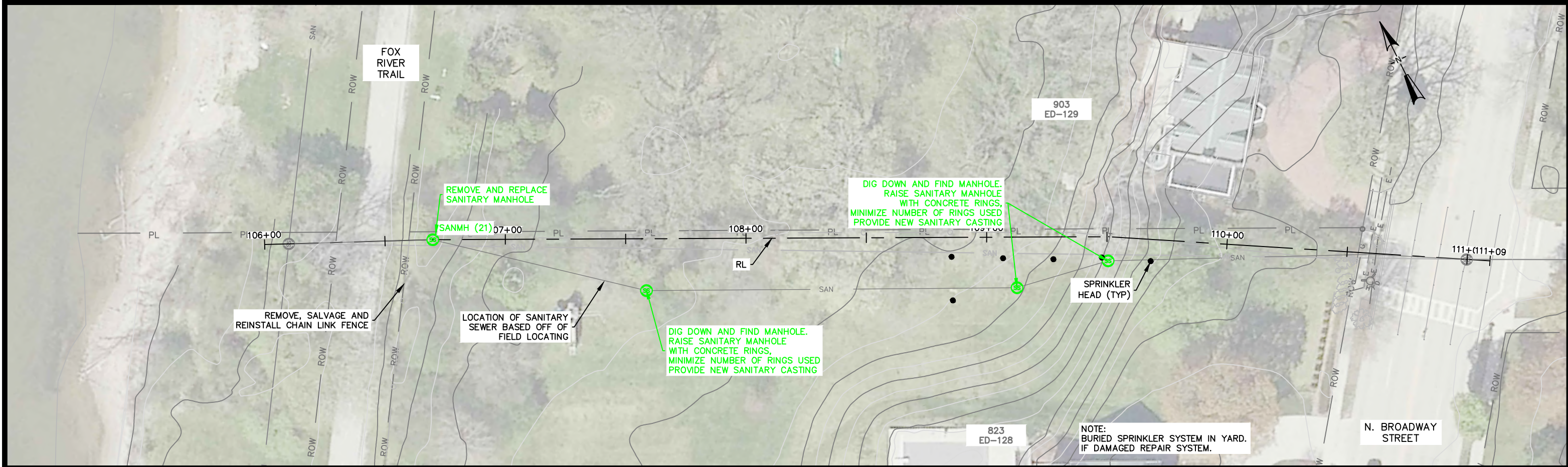
NAME:
 SEWER AND WATER RELAY
 AND STREET RESURFACING
 PROJECT
 25-01

	BY	DATE
SURVEYED	KAD	07-2024
DRAWN	KAD	07-2024
DESIGNED	KAD	07-2024
CHECKED	EPR	07-2024

REVISIONS / ISSUES		
NO.	DATE	REMARKS

PAGE
 NO.
C120

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer & Water Relay & Street\1200-CAD\Broadway-Fox River Trail\Broad-FRT_P&P.dwg

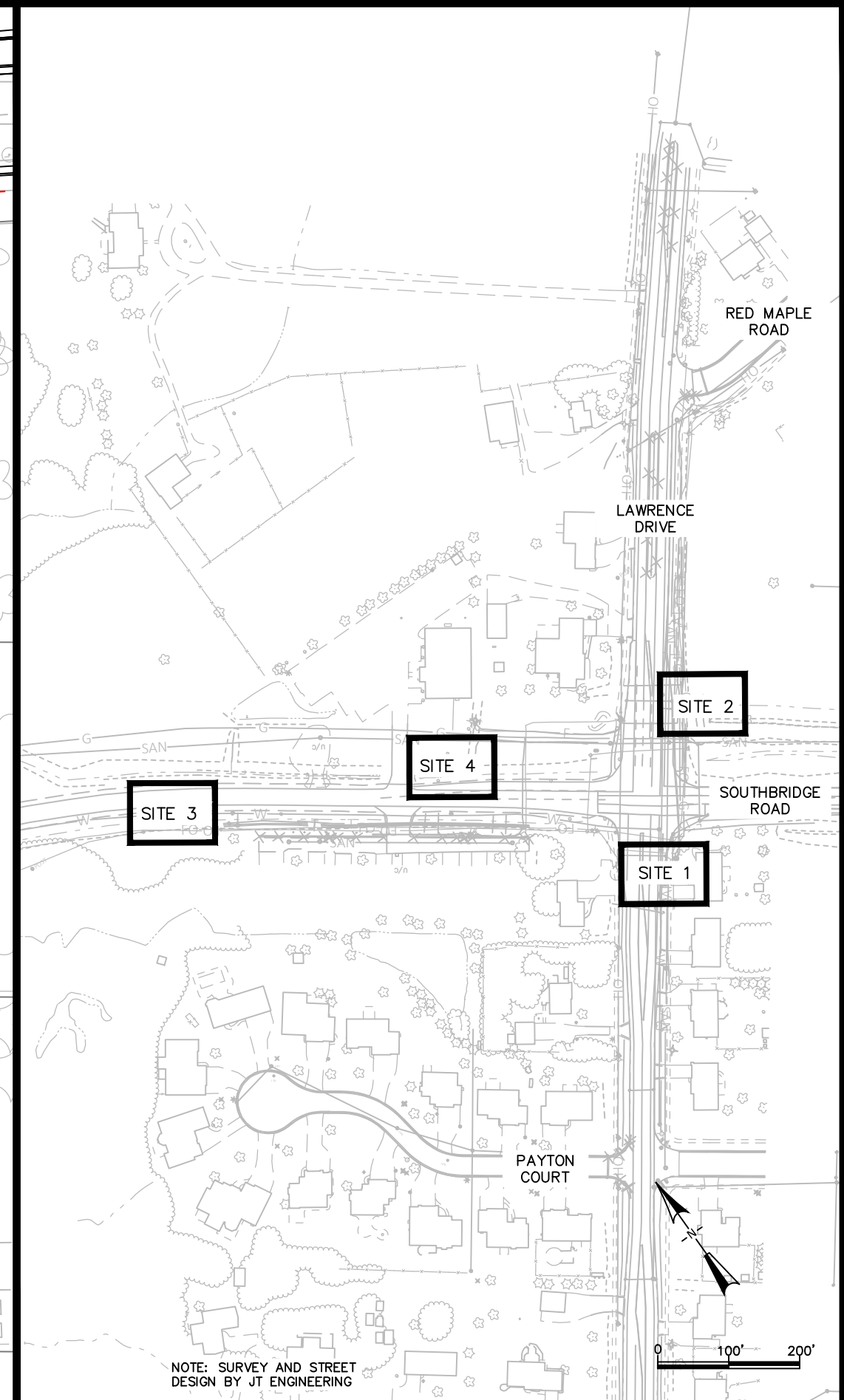
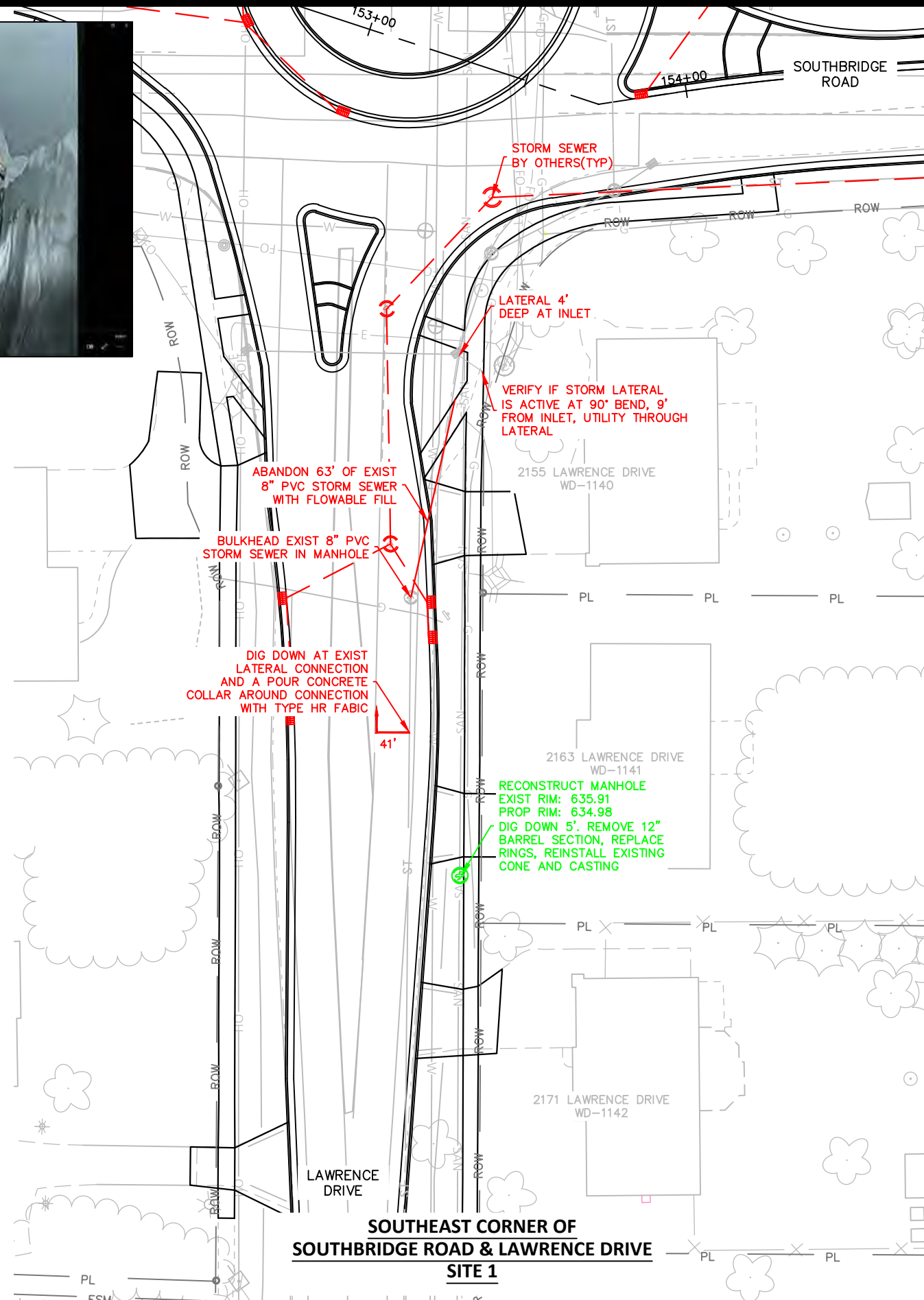




Feet: 39.73 ft

Lawrence P5-LFPRPC-F5-KA3Q3T-5 10 2023

**OVER CUT STORM LATERAL
REQUIRING CONCRETE COLLAR**



CITY OF DE PERE

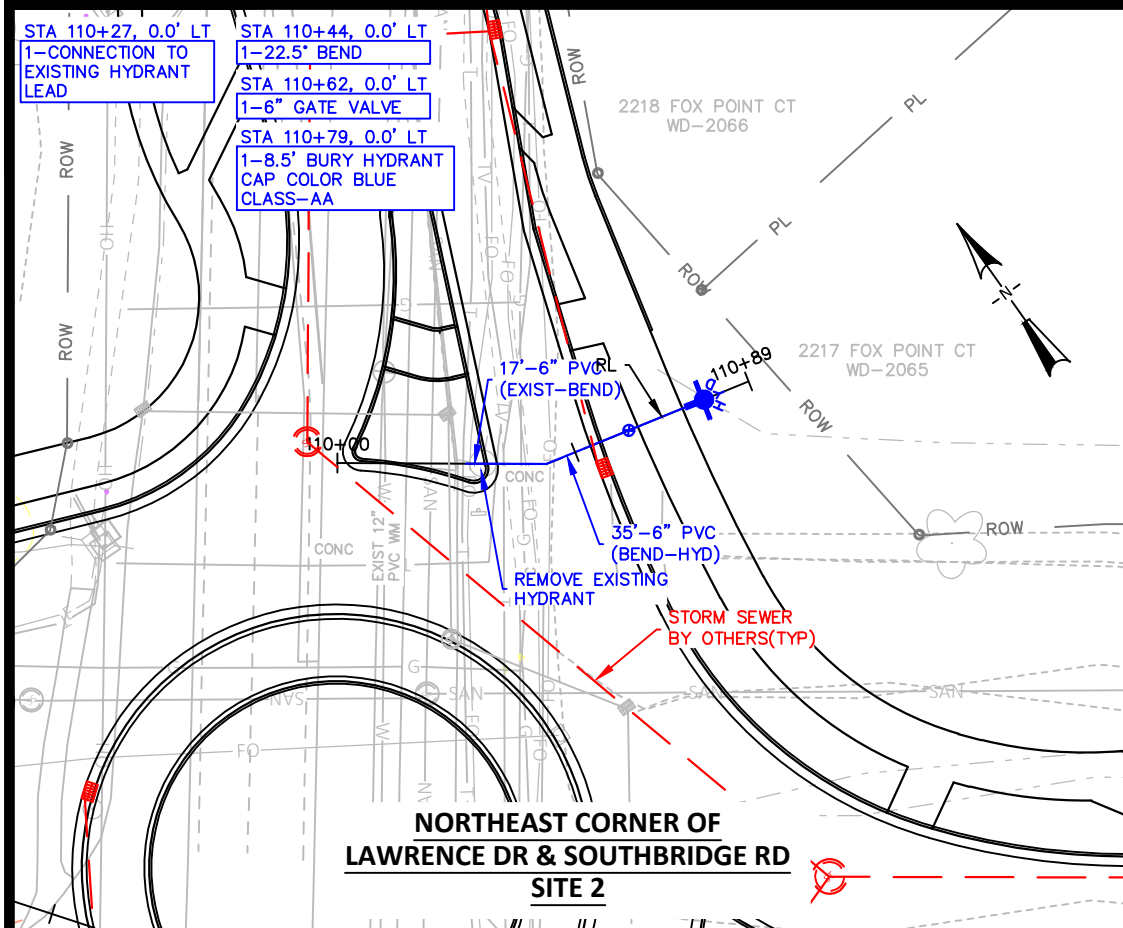
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**SOUTHBRIDGE ROAD & LAWRENCE DRIVE
SPOT UTILITY REPAIRS**

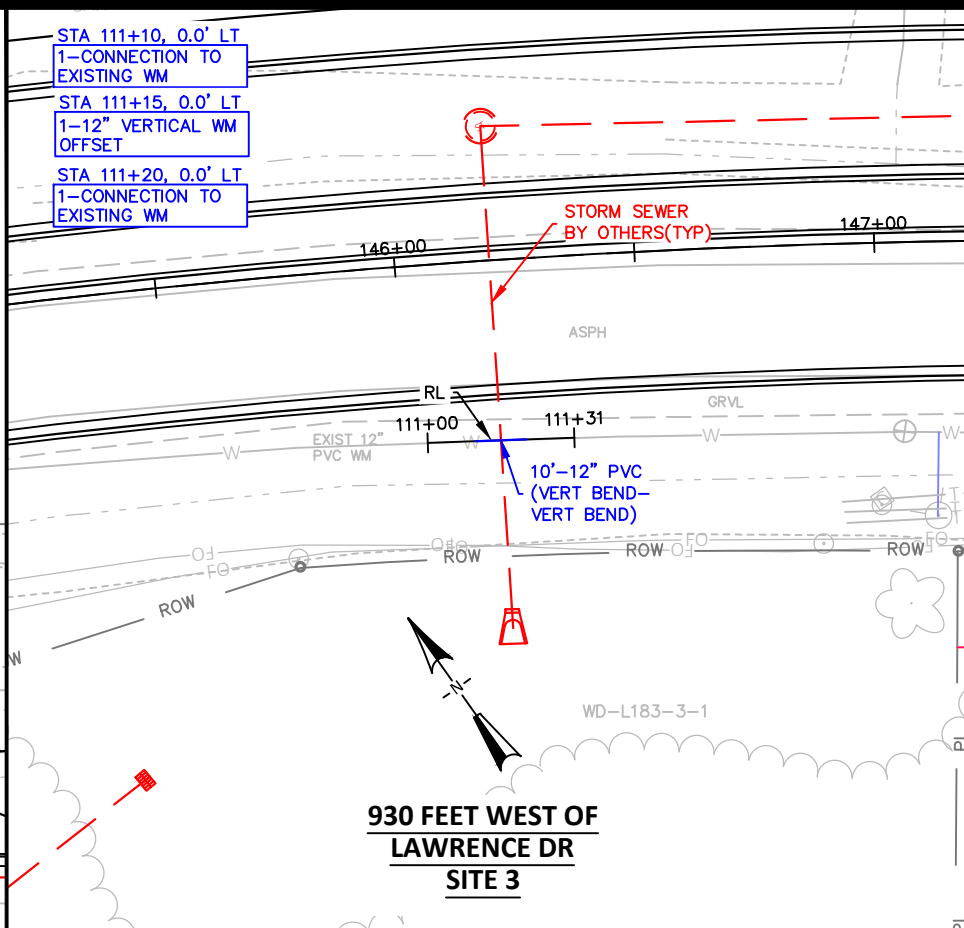
NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT
25-01

NO.	DATE	BY	REVISIONS / ISSUES	
			REMARKS	
SURVEYED	JT ENGINEERING	06-2024		
DESIGNED	KAD	09-2024		
CHECKED	EPR	01-2025		

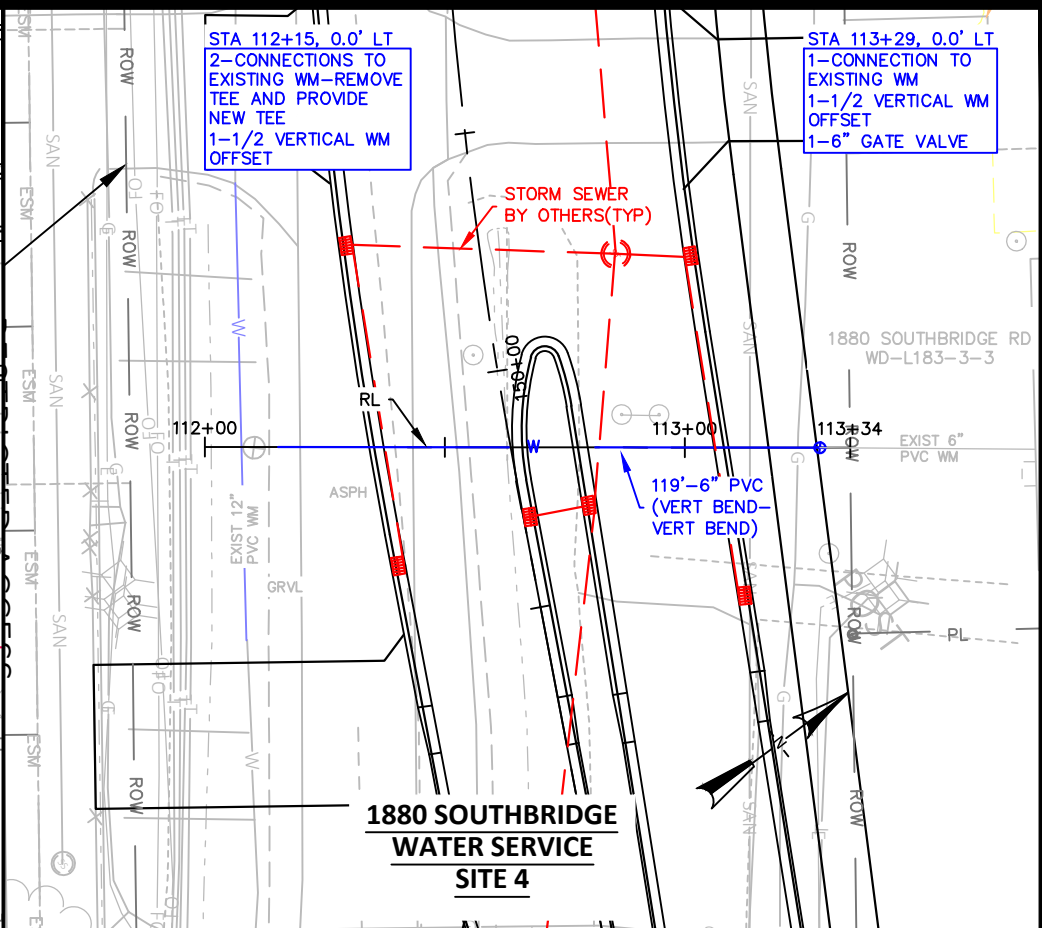
X:\ENG\Projects\Brown County\CTH_GV-14\1200-CAD\2024_0618\GENERATIONS P&P.dwg



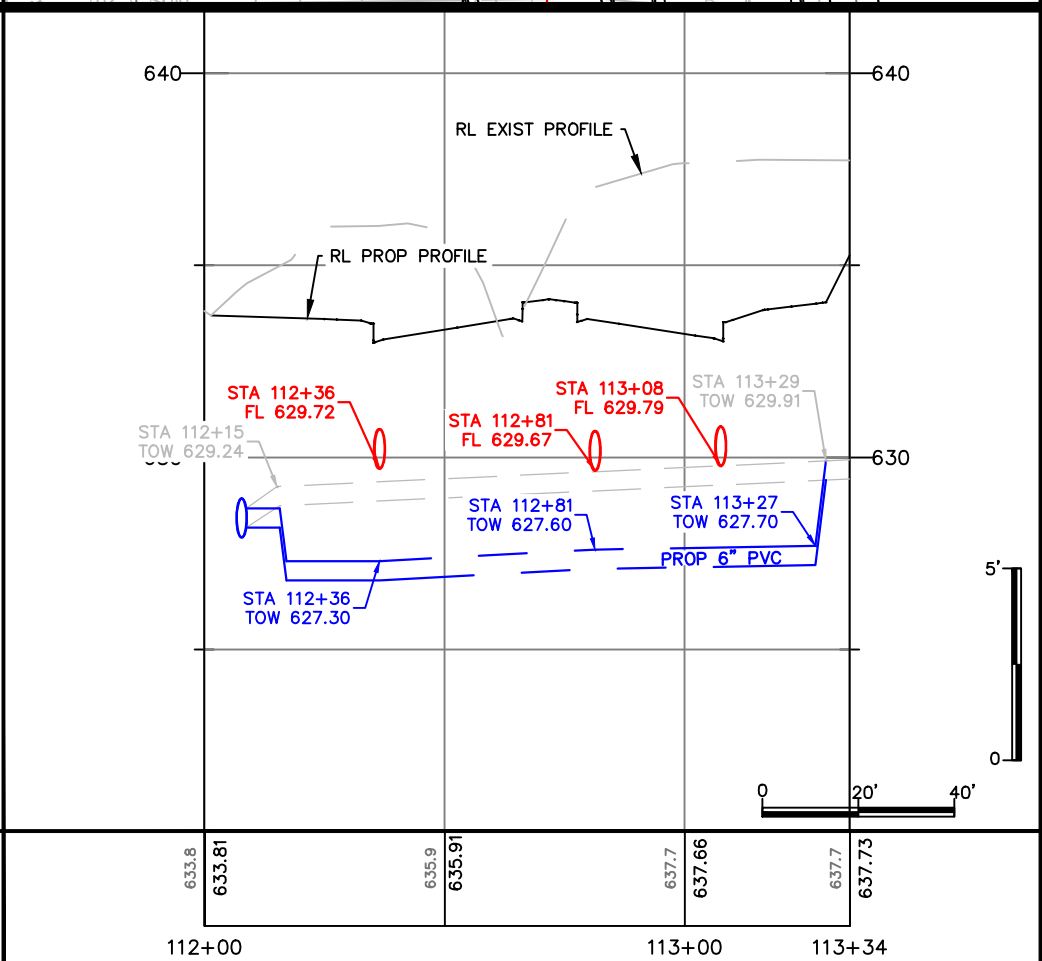
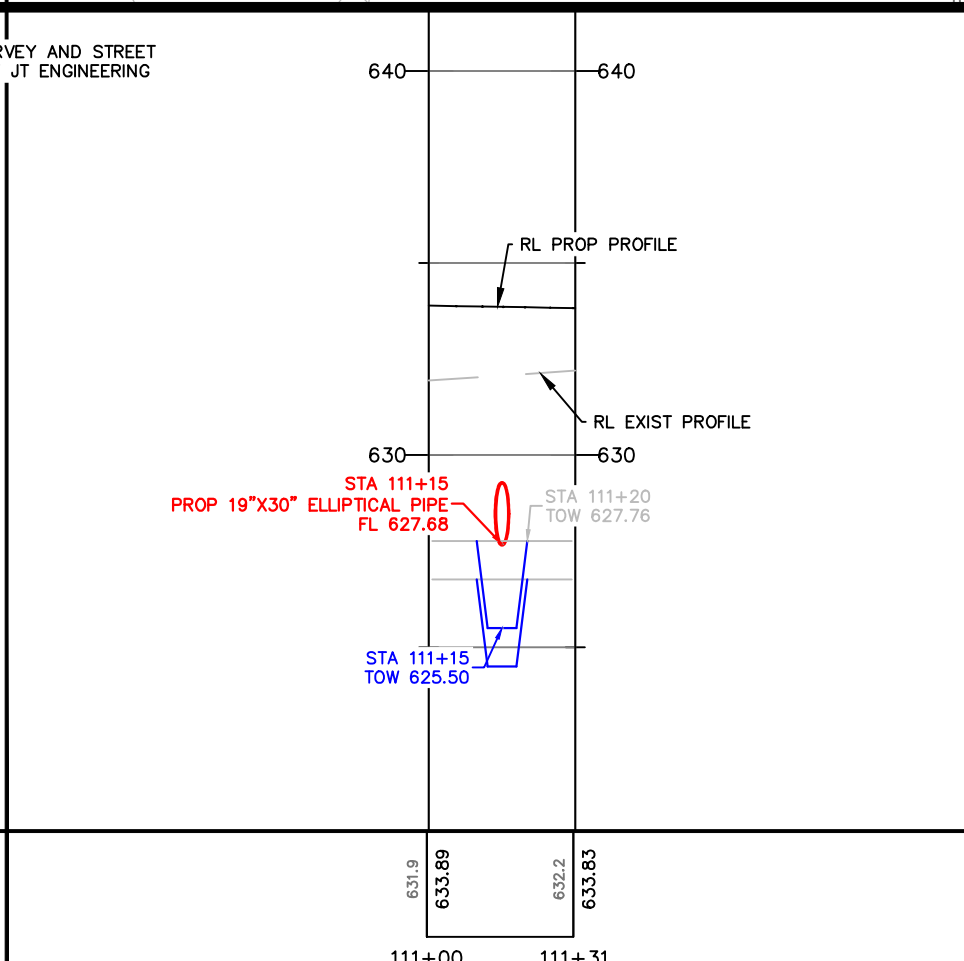
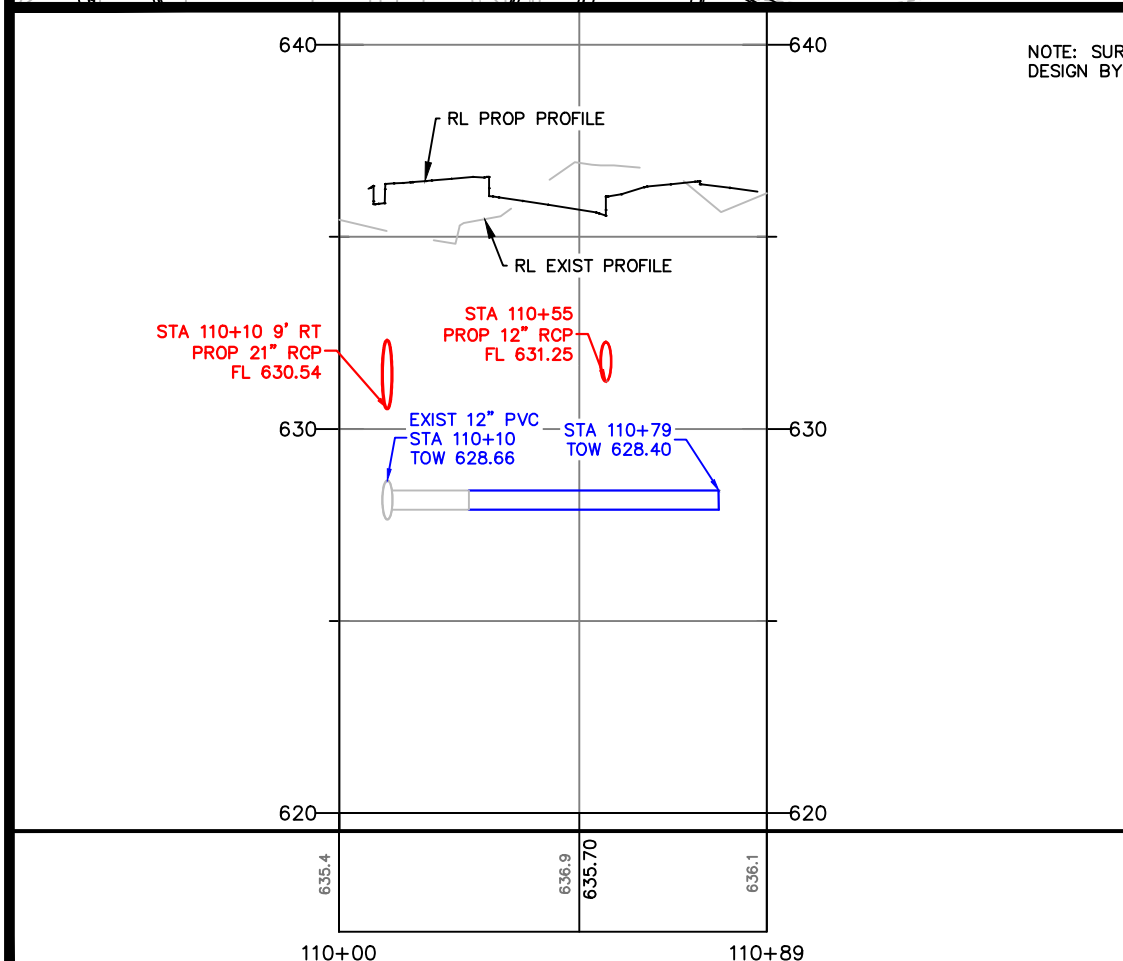
**NORTHEAST CORNER OF
LAWRENCE DR & SOUTHBRIDGE RD
SITE 2**



**930 FEET WEST OF
LAWRENCE DR
SITE 3**



**1880 SOUTHBRIDGE
WATER SERVICE
SITE 4**



NOTE: SURVEY AND STREET DESIGN BY JT ENGINEERING

X:\ENG\Projects\Brown County\CTH\GV-14\1200-CAD\2024_0618\GENERATIONS P&P.dwg

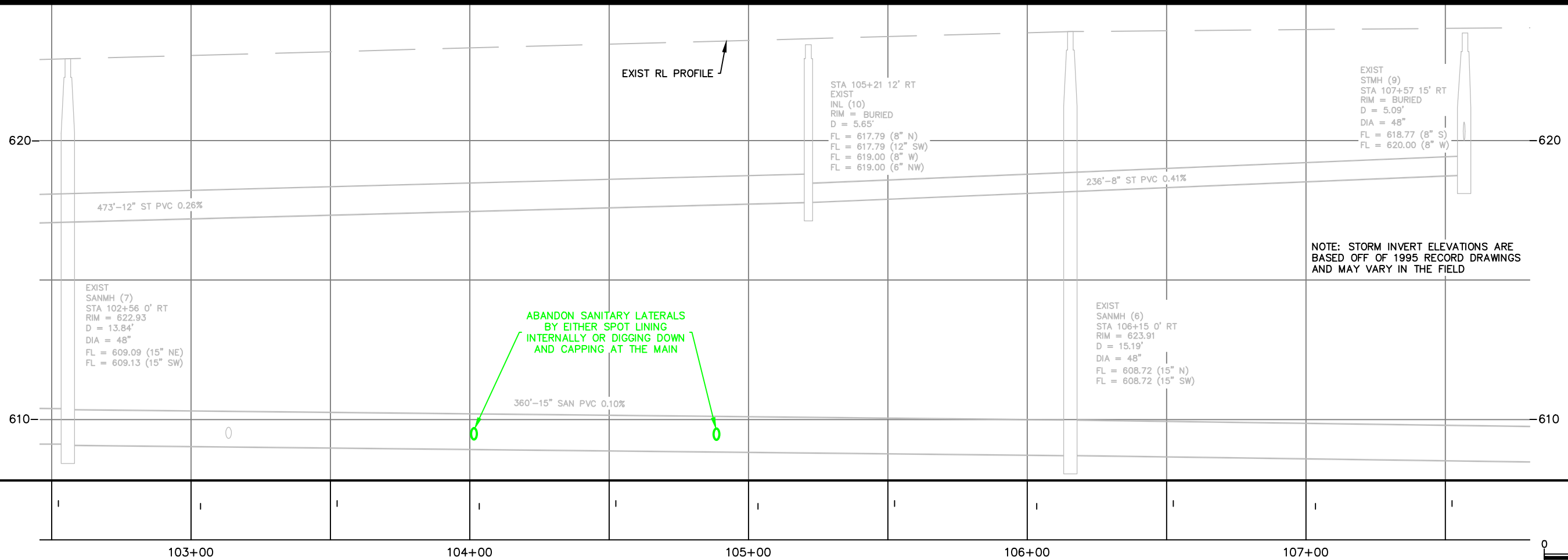


REMOVE CURB STOPS AND
ABANDON WATER SERVICE BY
REMOVING CORPORATION AND
INSTALLING A SOLID SLEEVE

214'

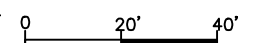
127'

LOST DAUPHIN
ROAD (CTH D)



ABANDON SANITARY LATERALS
BY EITHER SPOT LINING
INTERNALLY OR DIGGING DOWN
AND CAPPING AT THE MAIN

NOTE: STORM INVERT ELEVATIONS ARE
BASED OFF OF 1995 RECORD DRAWINGS
AND MAY VARY IN THE FIELD



CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**2186 LOST DAUPHIN
SERVICE LATERAL ABANDONMENTS**

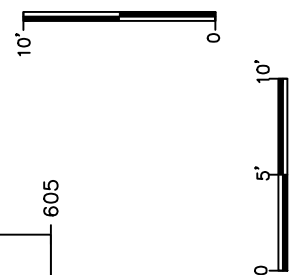
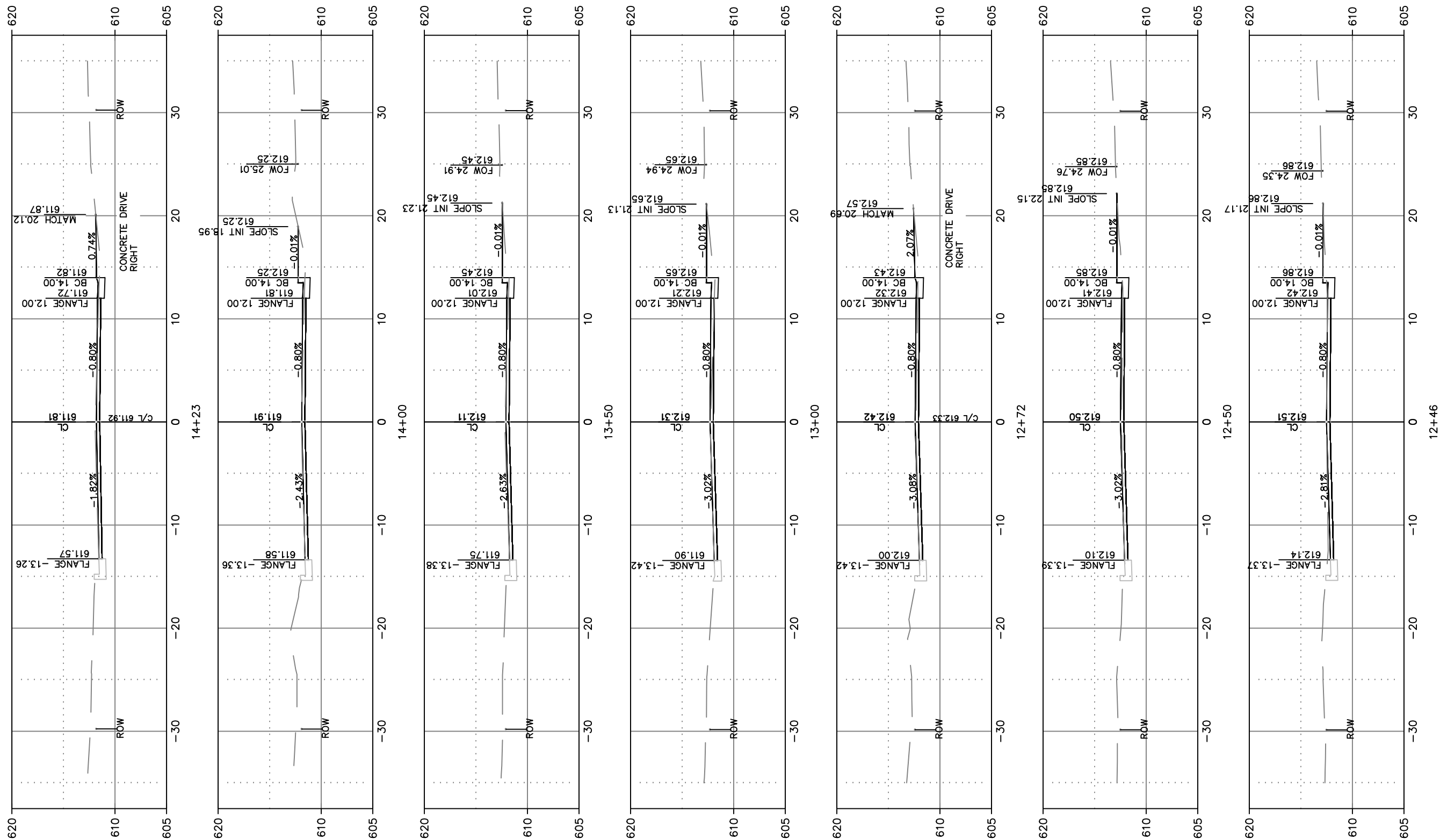
NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

BY	DATE
SURVEYED	
DRAWN	MJT
DESIGNED	CKK/MJT
CHECKED	EPR

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

PAGE
NO.
C124

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer & Water Relay & Street\1200-CAD\2186 Sewer & Water Service Abandonment\2186_P&P.dwg



CITY OF DE PERE

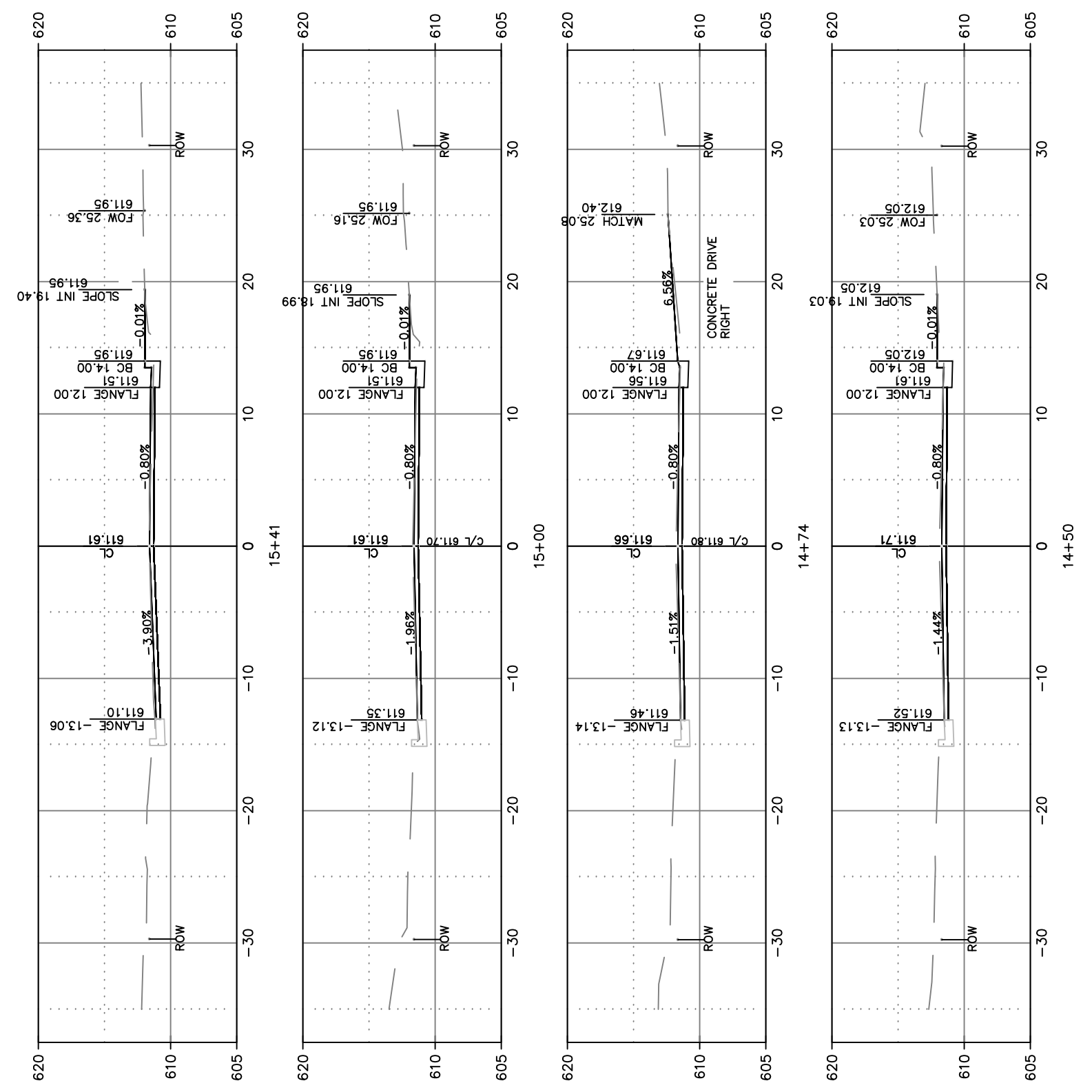
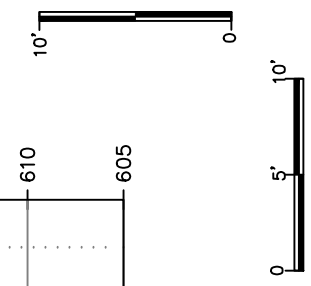
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**N WASHINGTON STREET
CROSS SECTIONS**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

	BY	DATE
SURVEYED	KAD	10-2024
DRAWN	KAD	01-2025
DESIGNED	KAD	01-2025
CHECKED	EPR	01-2025

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



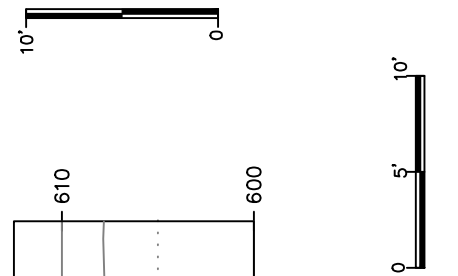
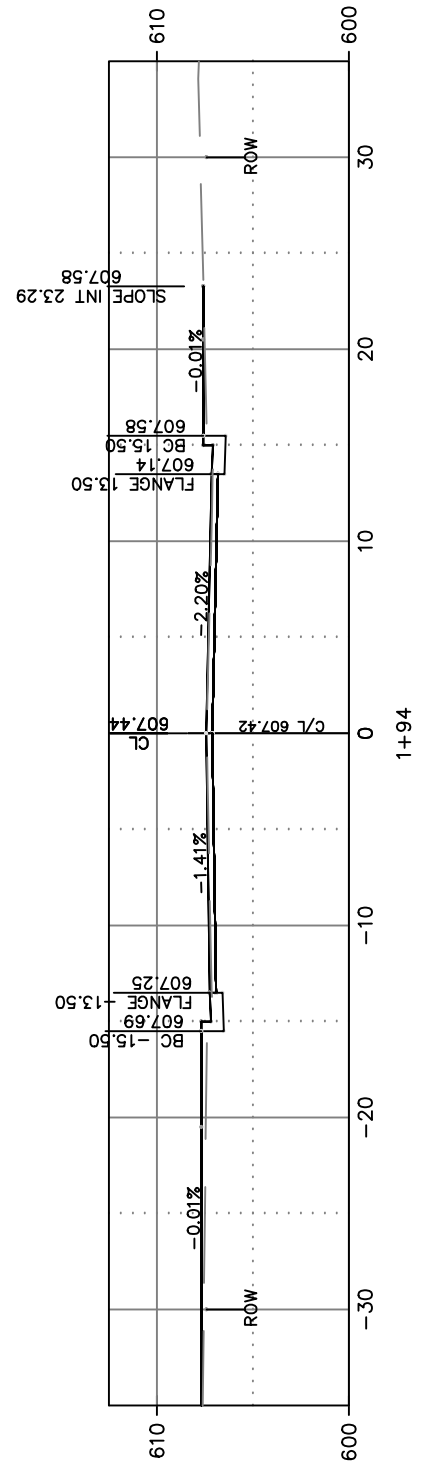
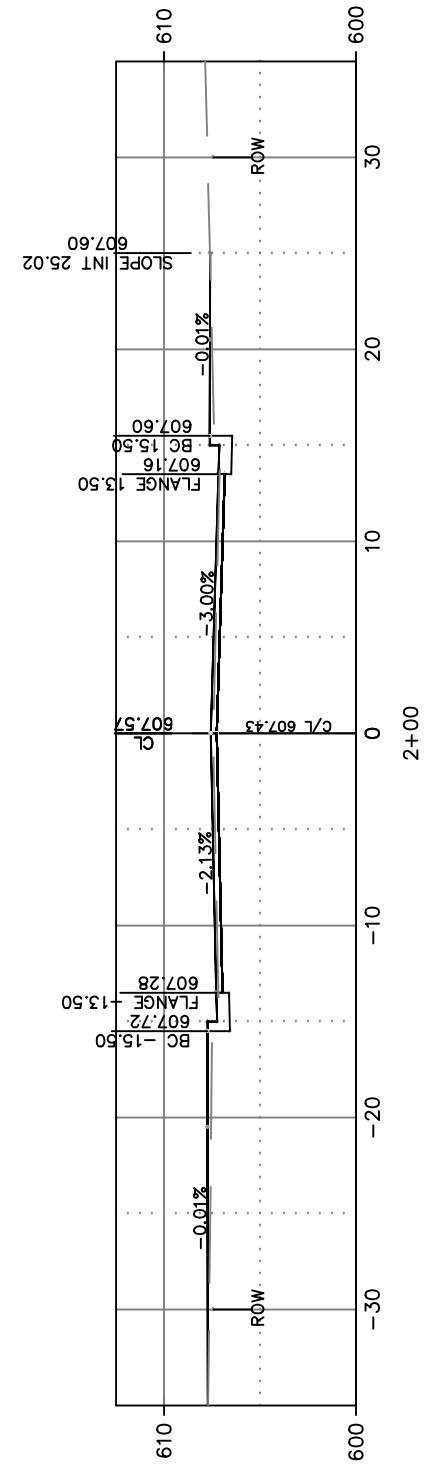
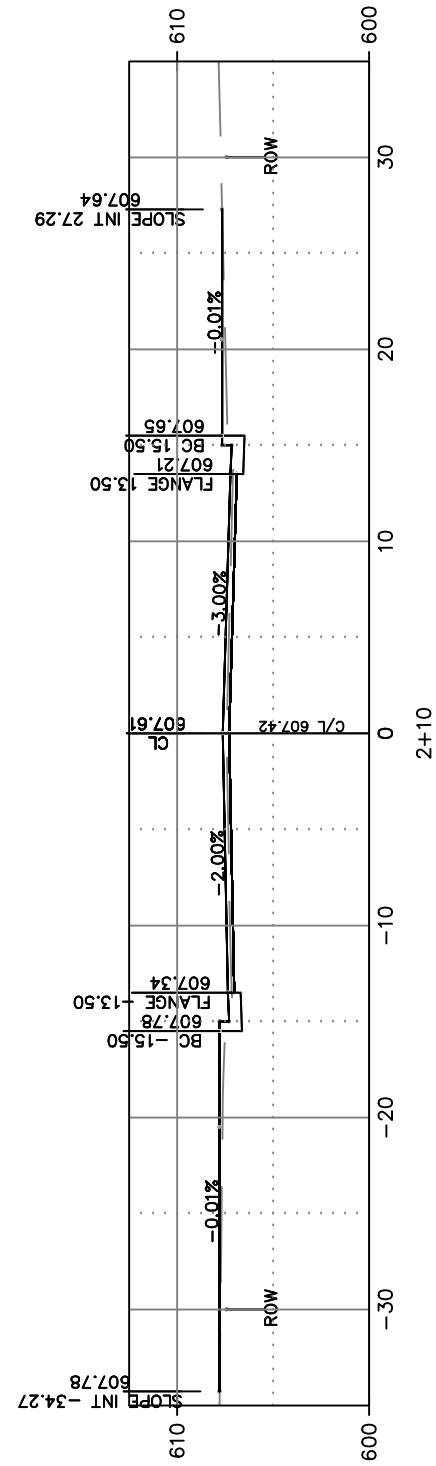
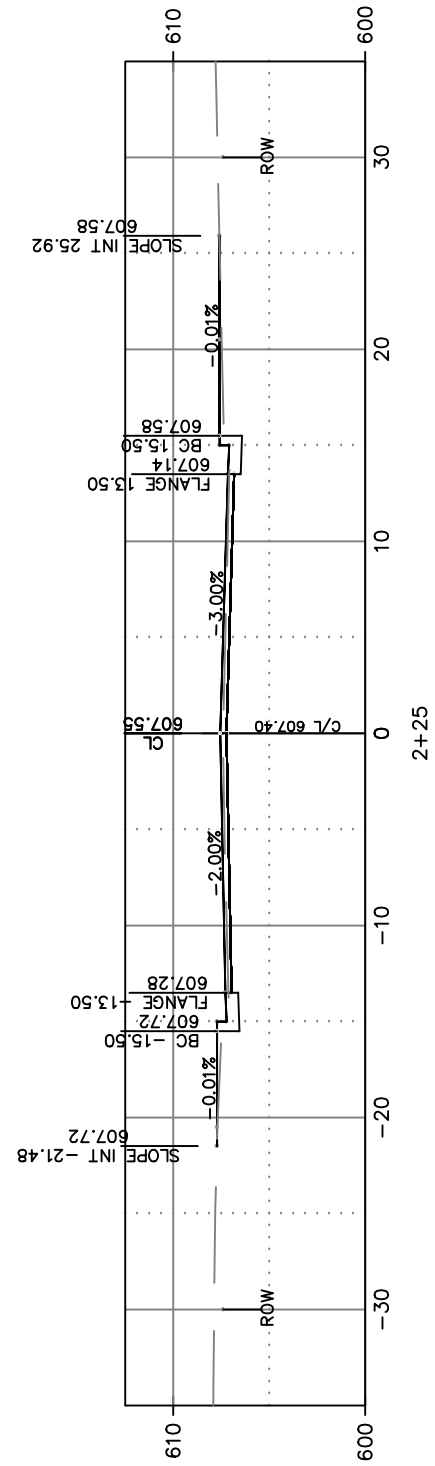
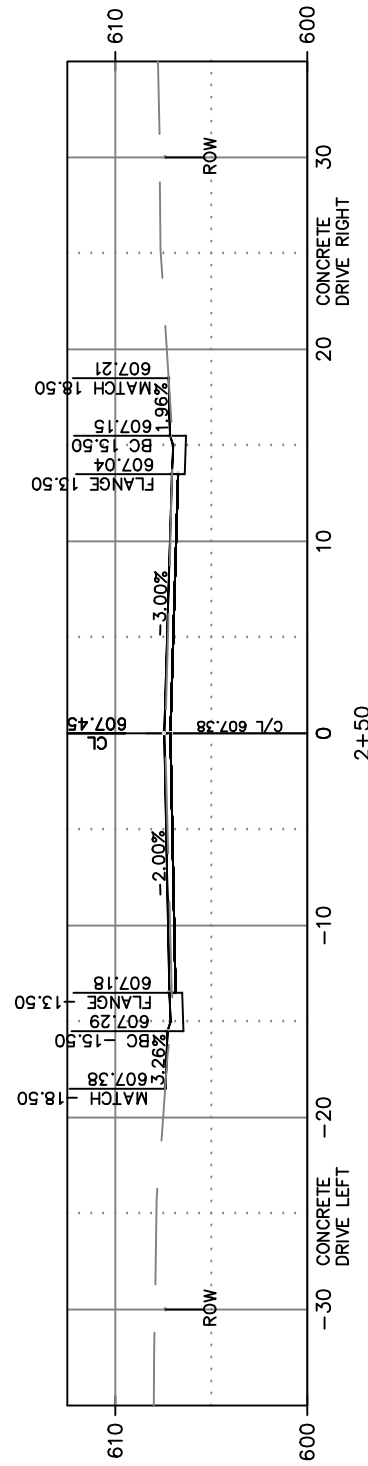
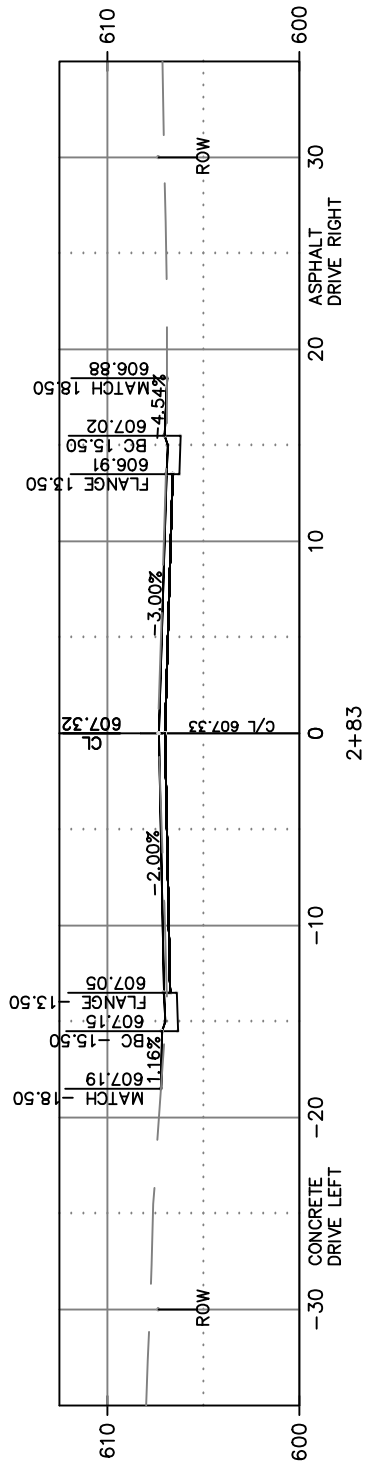
NO.		DATE		REVISIONS / ISSUES	
NO.	DATE	BY	REMARKS	NO.	DATE

NAME:	BY	DATE
SURVEYED	KAD	10-2024
DRAWN	KAD	01-2025
DESIGNED	KAD	01-2025
CHECKED	EPR	01-2025

N WASHINGTON STREET
CROSS SECTIONS

PROJECT 25-01

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_&_Water_Relay_&_Street\1200-CAD\Washington\Washington X Sect.dwg



CITY OF DE PERE

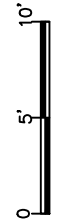
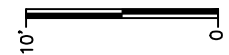
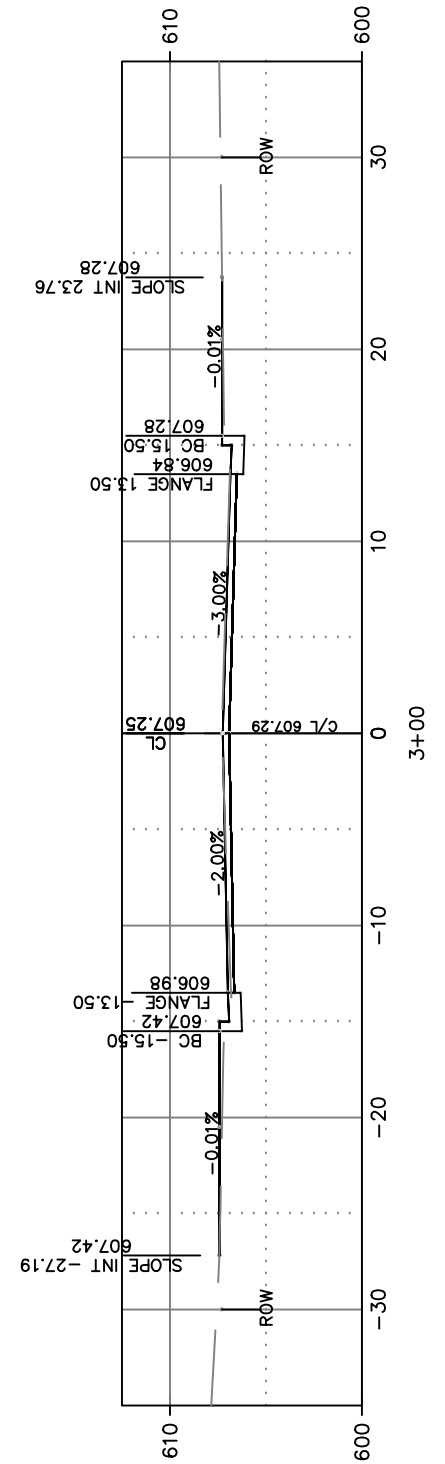
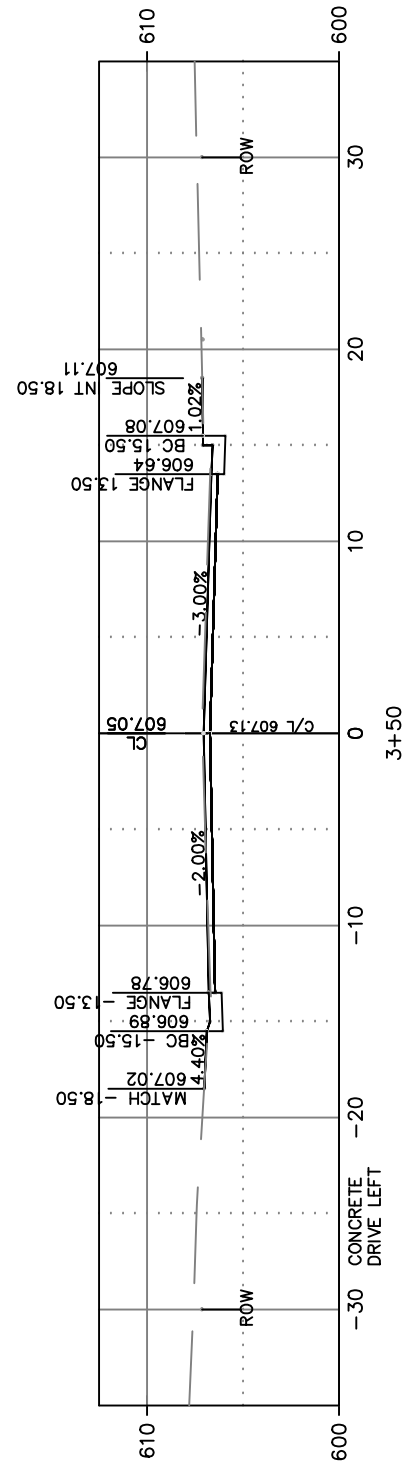
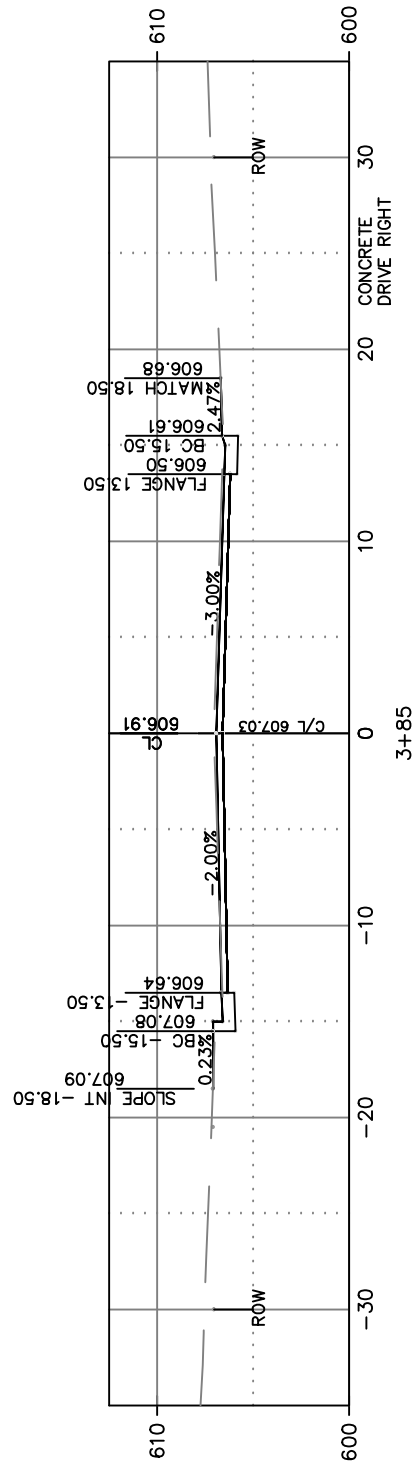
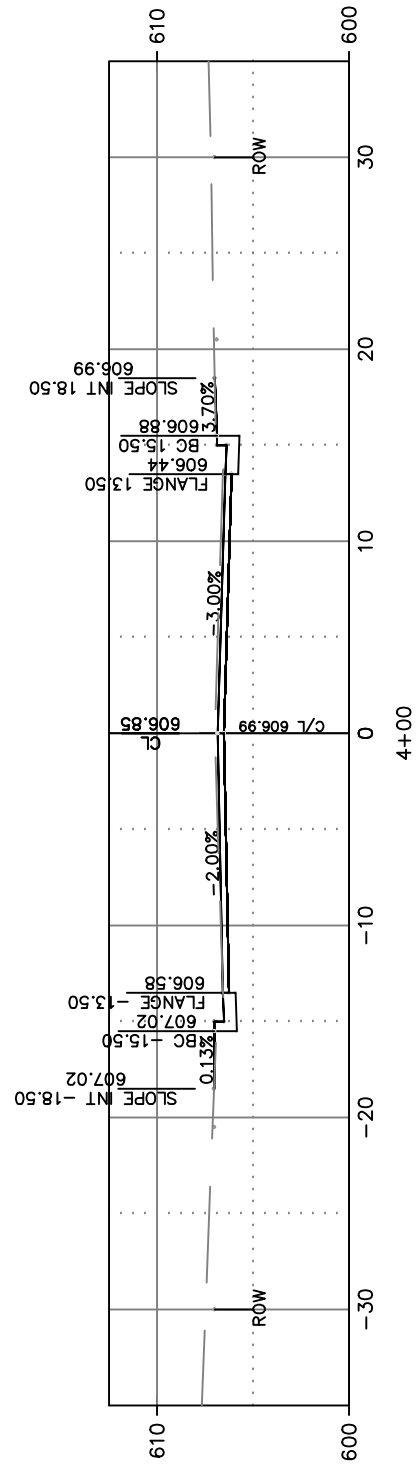
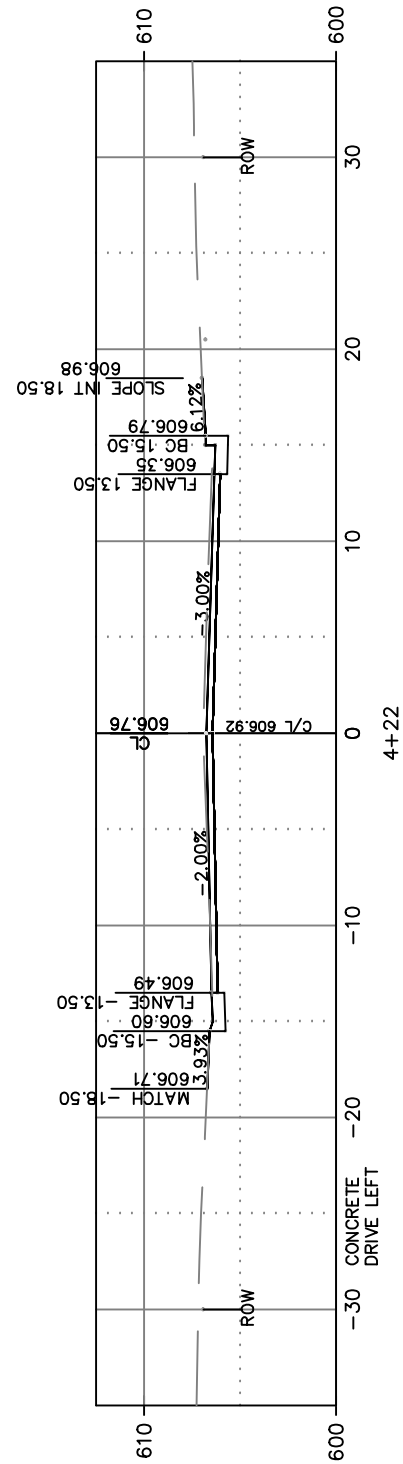
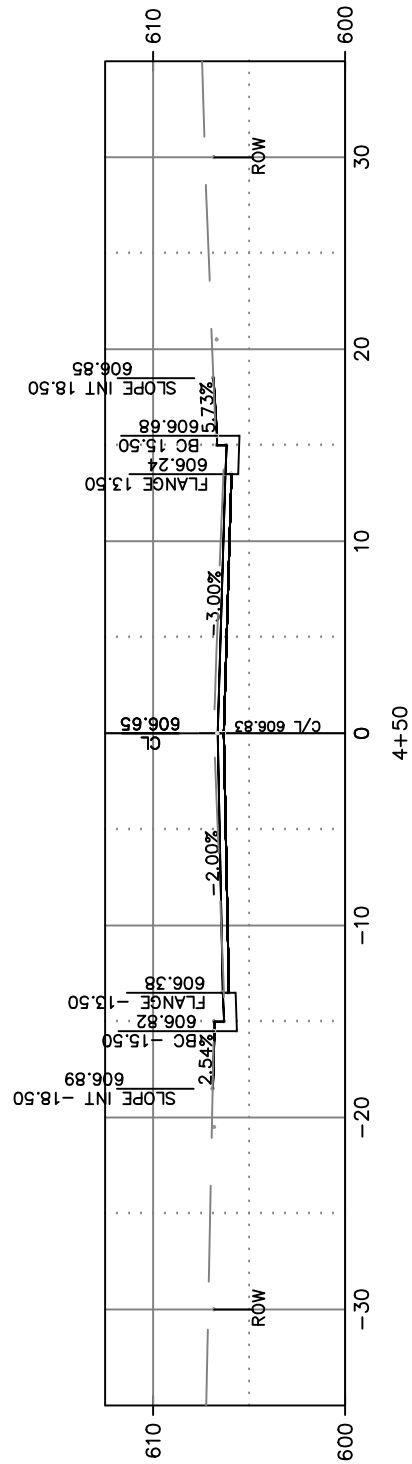
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**MARTIN STREET
CROSS SECTIONS**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

	BY	DATE
SURVEYED	APB	12-2023
DRAWN	APB	12-2023
DESIGNED	CKK	01-2025
CHECKED	EPR	01-2025

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

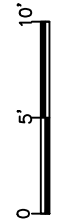
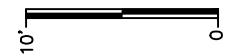
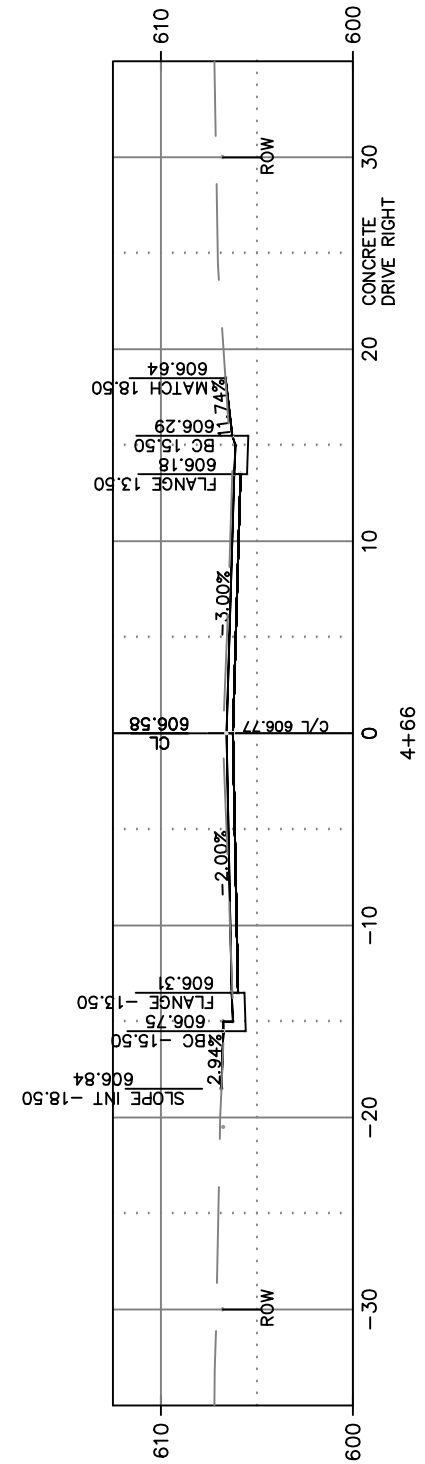
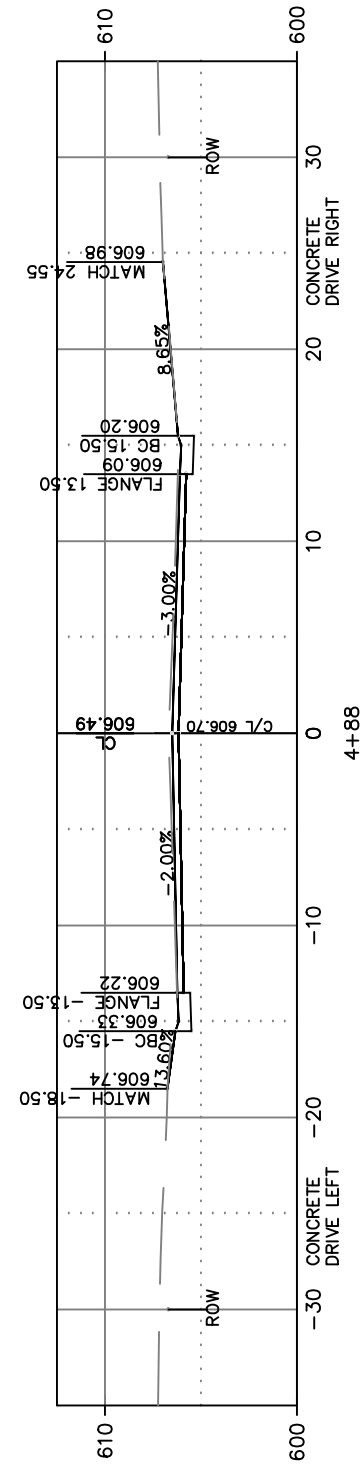
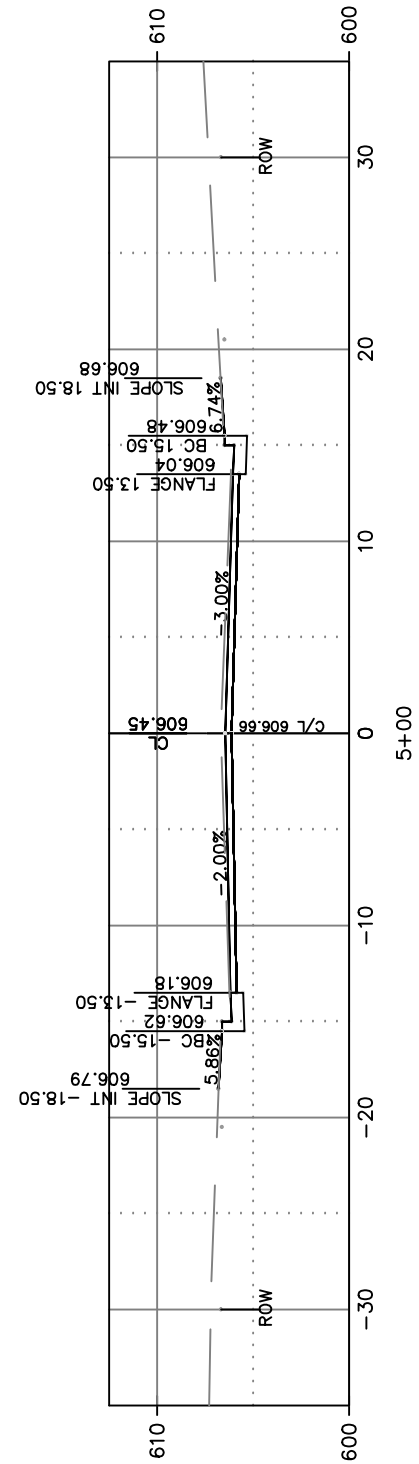
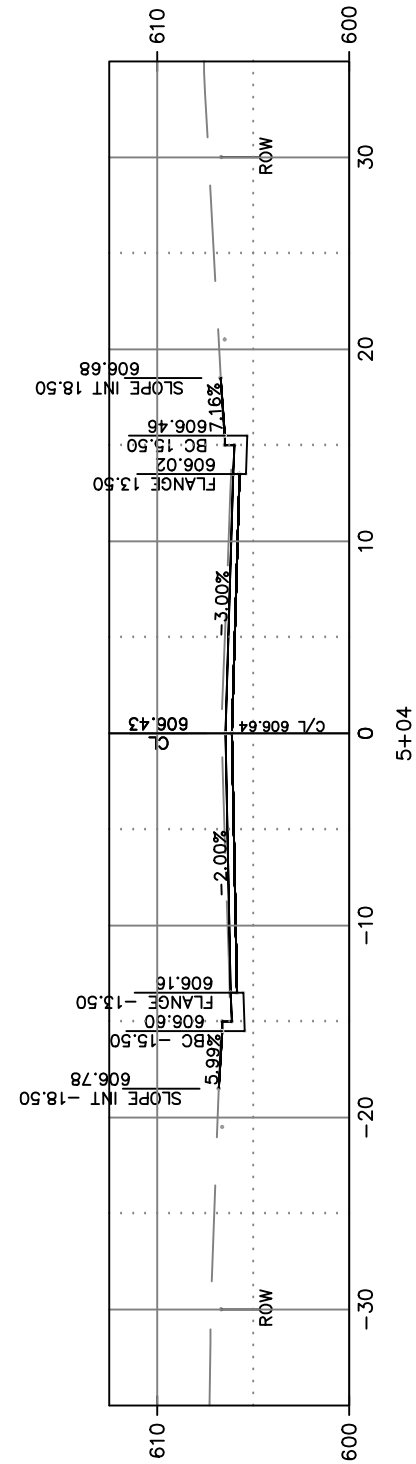
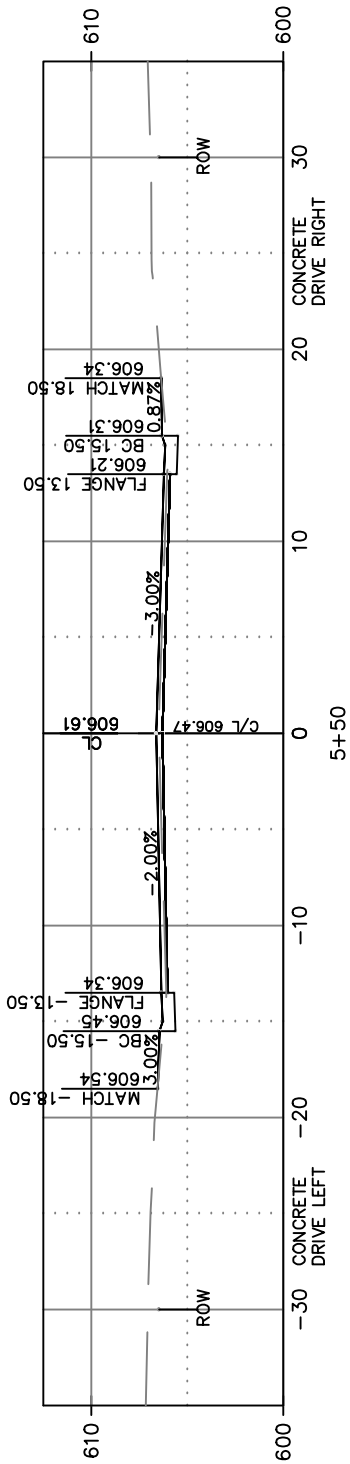
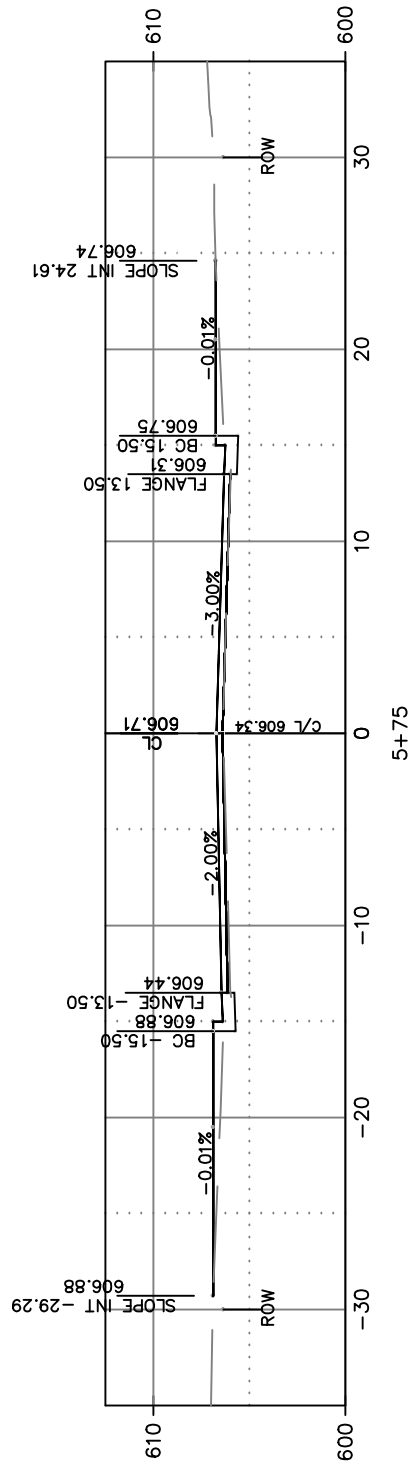
**MARTIN STREET
CROSS SECTIONS**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

NO.	DATE	BY	DATE
SURVEYED		APB	12-2023
DRAWN		APB	12-2023
DESIGNED		CKK	01-2025
CHECKED		EPR	01-2025

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_&_Water_Relay_&_Street\1200-CAD\Martin Street\Martin_XSec.dwg



CITY OF DE PERE

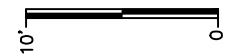
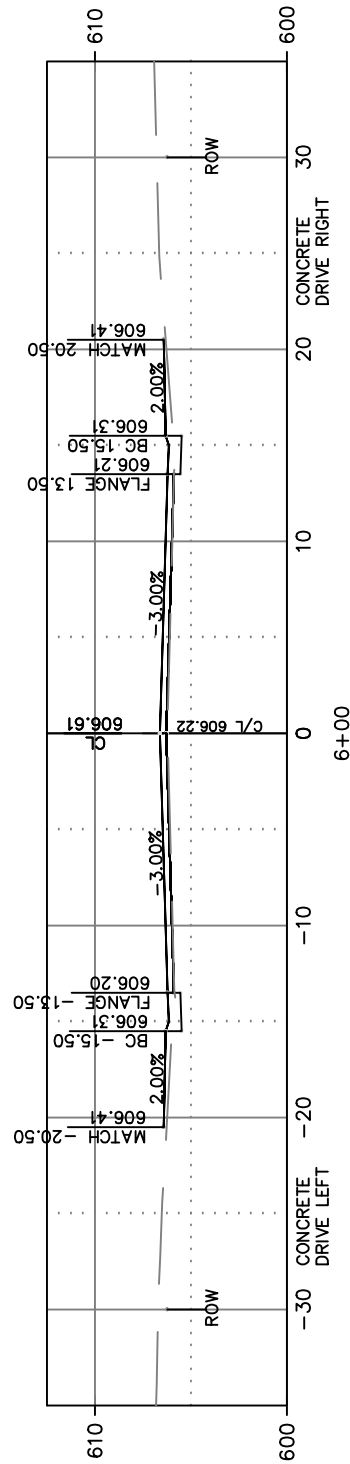
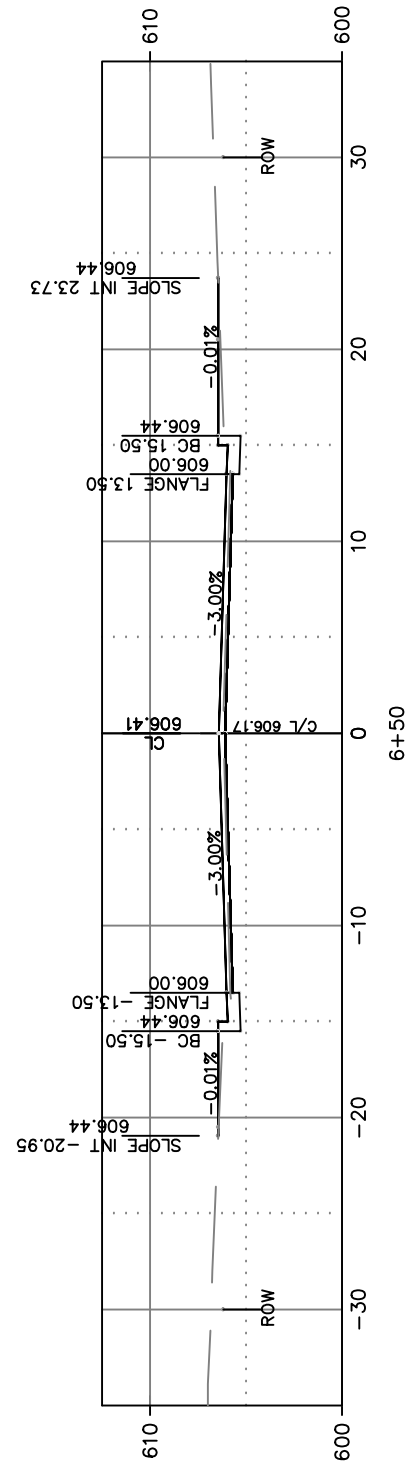
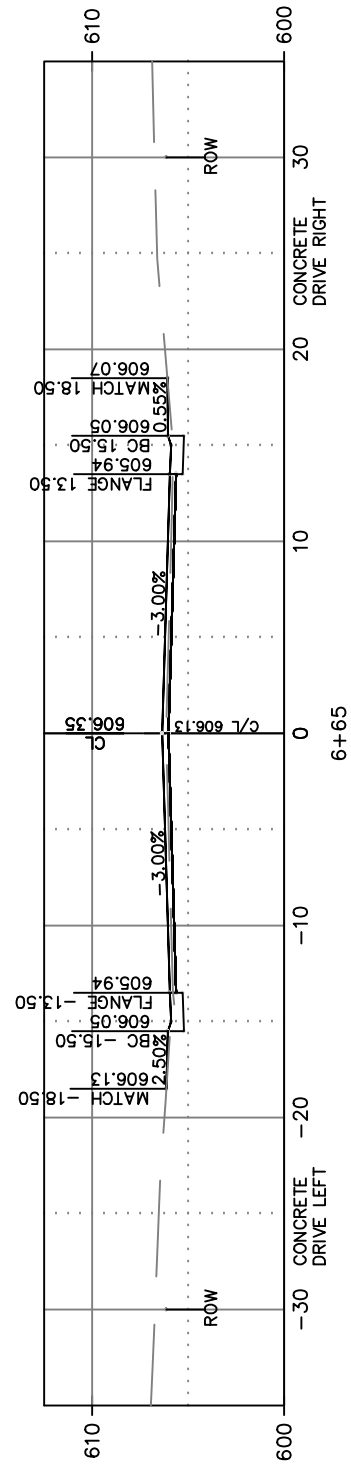
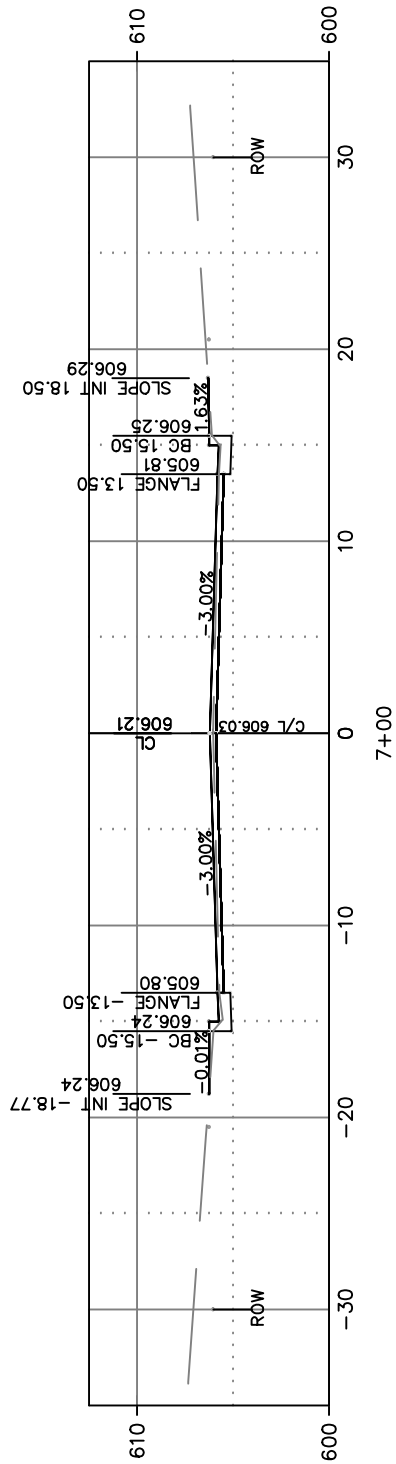
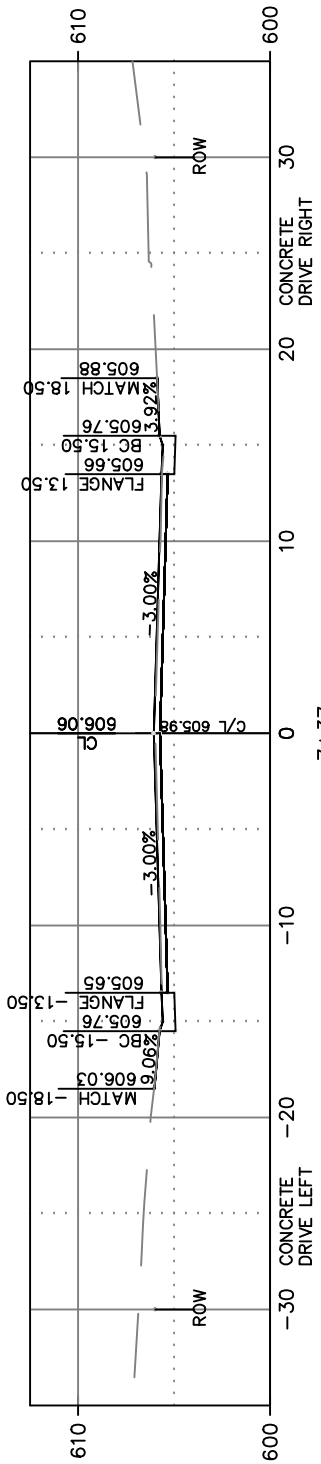
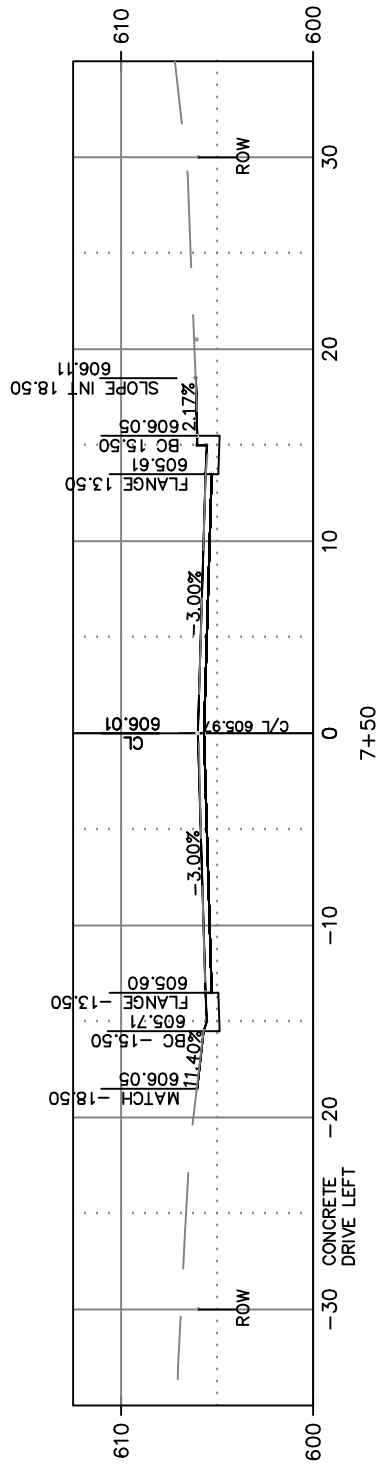
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**MARTIN STREET
CROSS SECTIONS**

NAME: SEWER AND WATER RELAY AND STREET RESURFACING
PROJECT 25-01

BY	DATE
SURVEYED APB	12-2023
DRAWN APB	12-2023
DESIGNED CKK	01-2025
CHECKED EPR	01-2025

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



CITY OF DE PERE

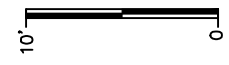
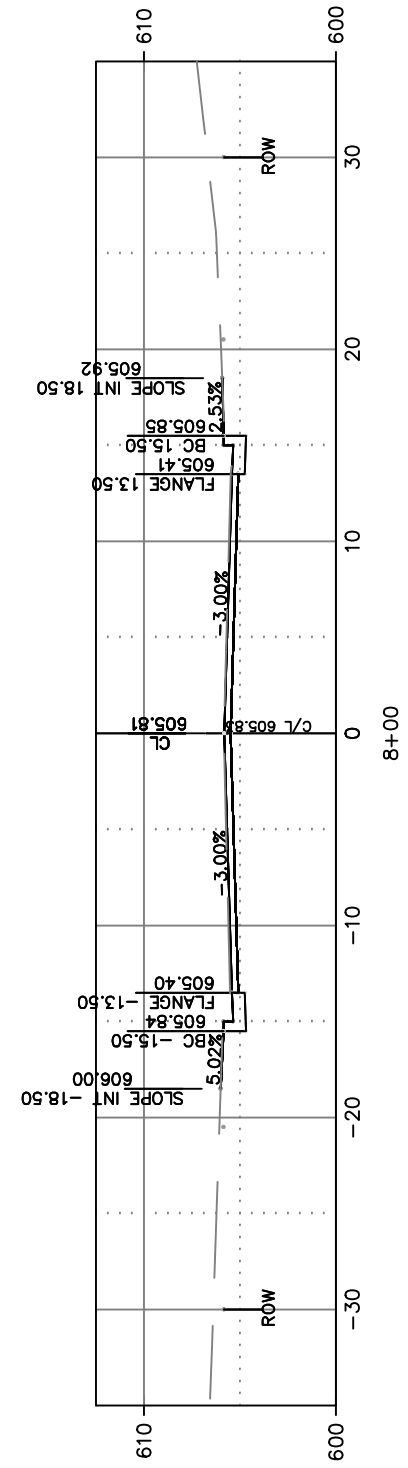
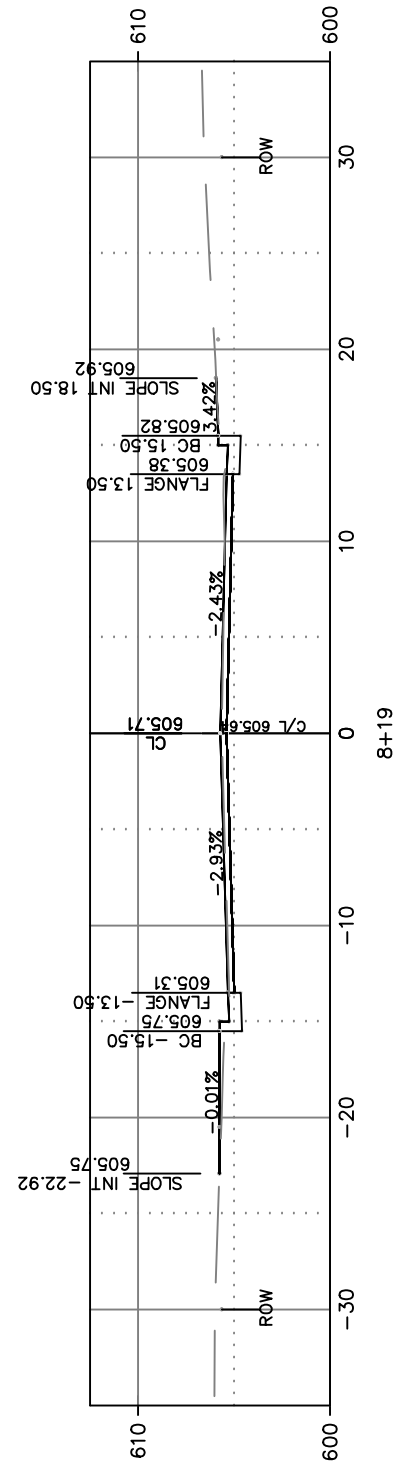
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**MARTIN STREET
CROSS SECTIONS**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

BY	DATE
SURVEYED	APB 12-2023
DRAWN	APB 12-2023
DESIGNED	CKK 01-2025
CHECKED	EPR 01-2025

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



CITY OF DE PERE

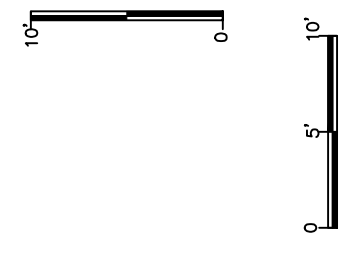
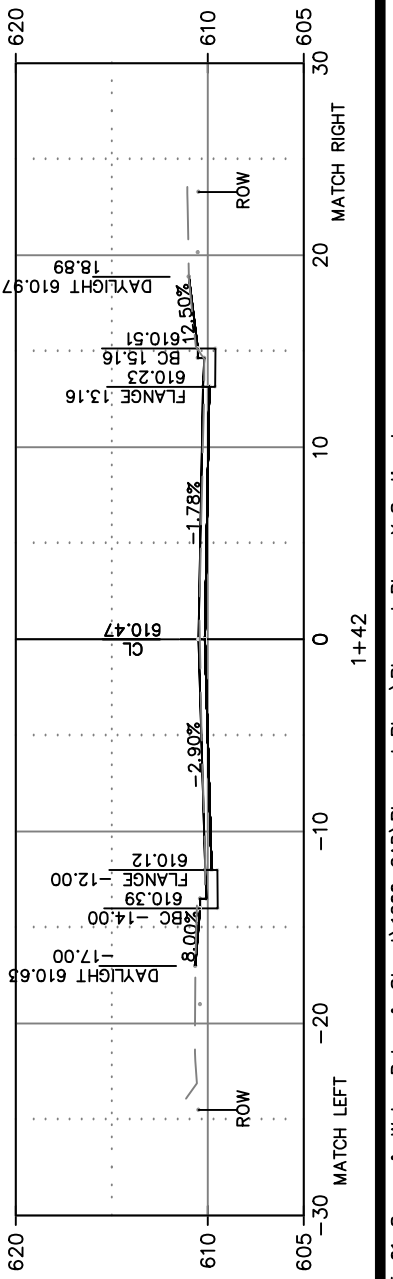
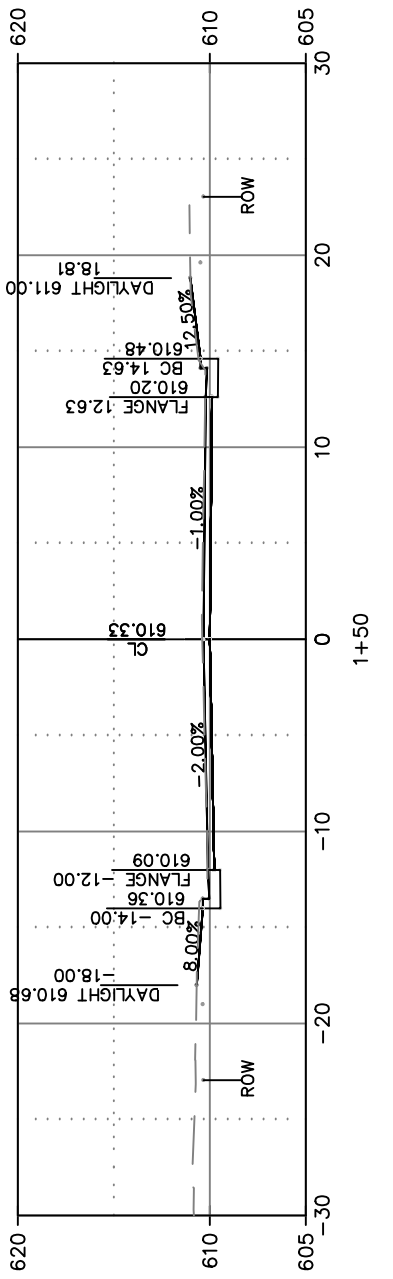
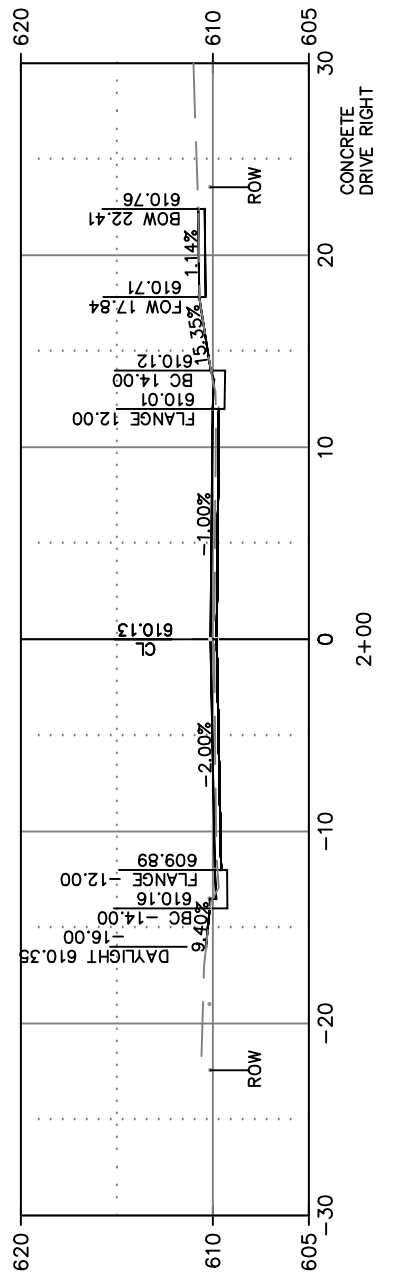
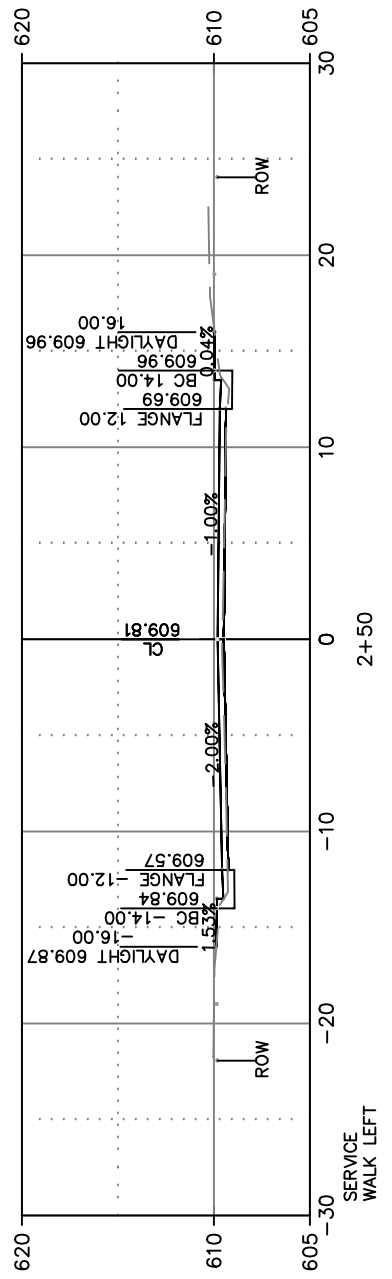
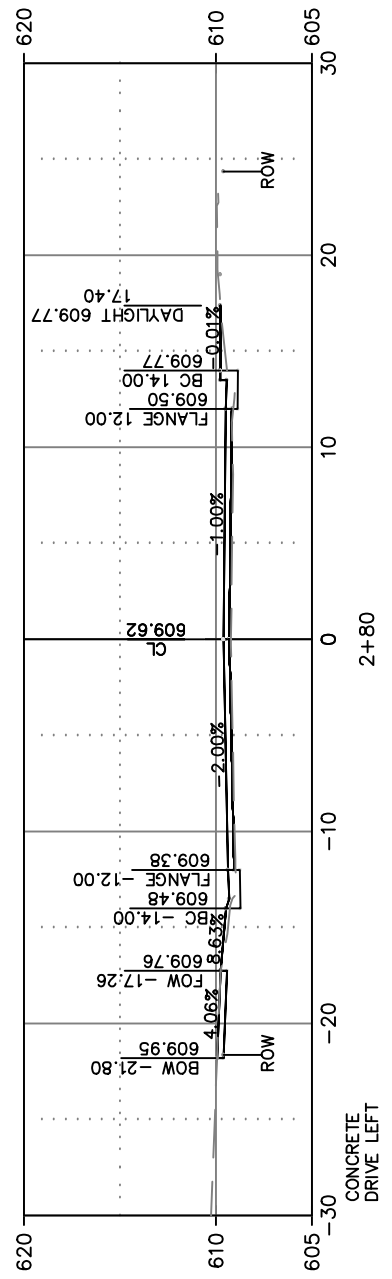
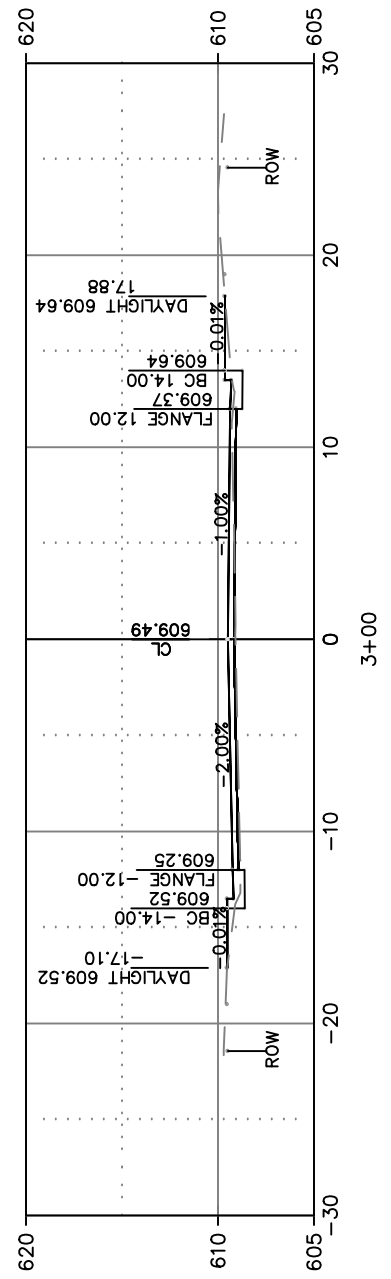
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**MARTIN STREET
CROSS SECTIONS**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

	BY	DATE
SURVEYED	APB	12-2023
DRAWN	APB	12-2023
DESIGNED	CKK	01-2025
CHECKED	EPR	01-2025

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

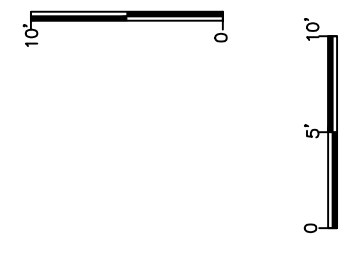
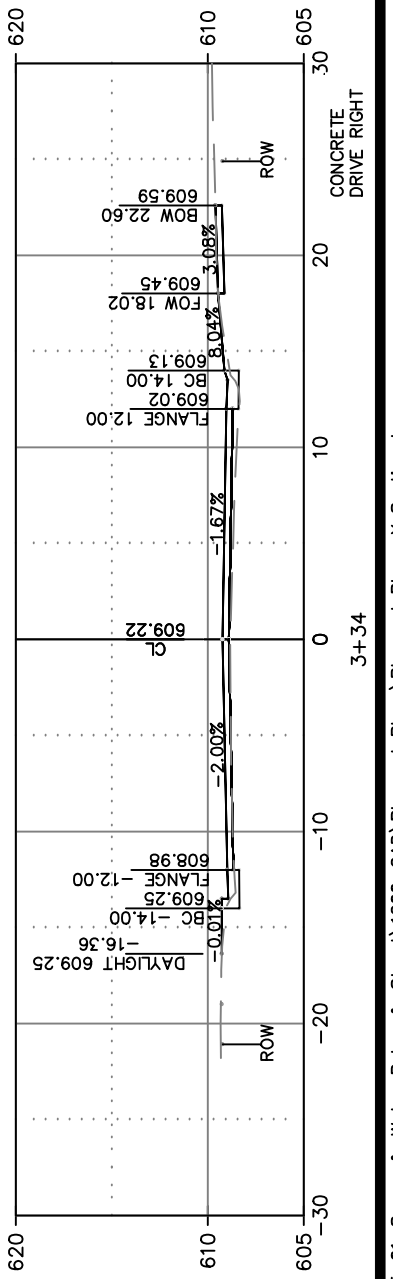
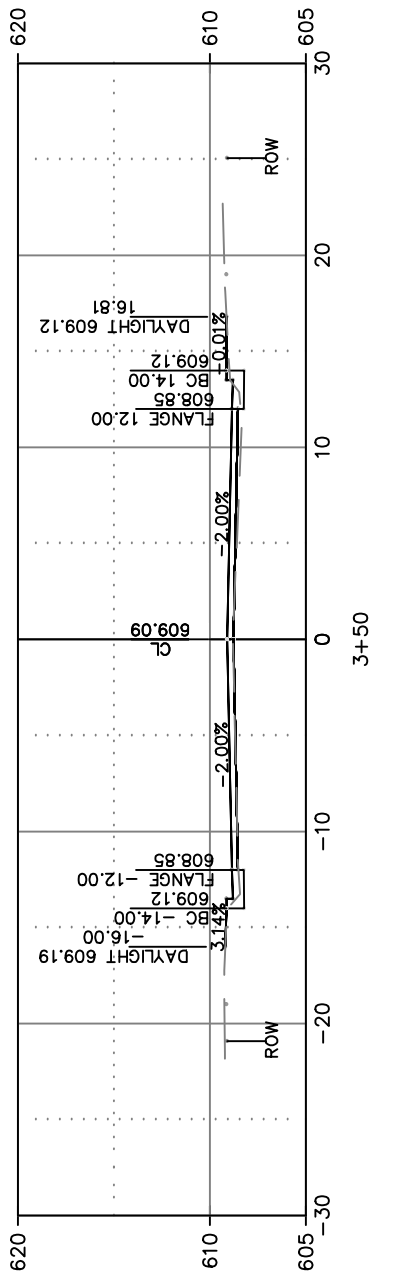
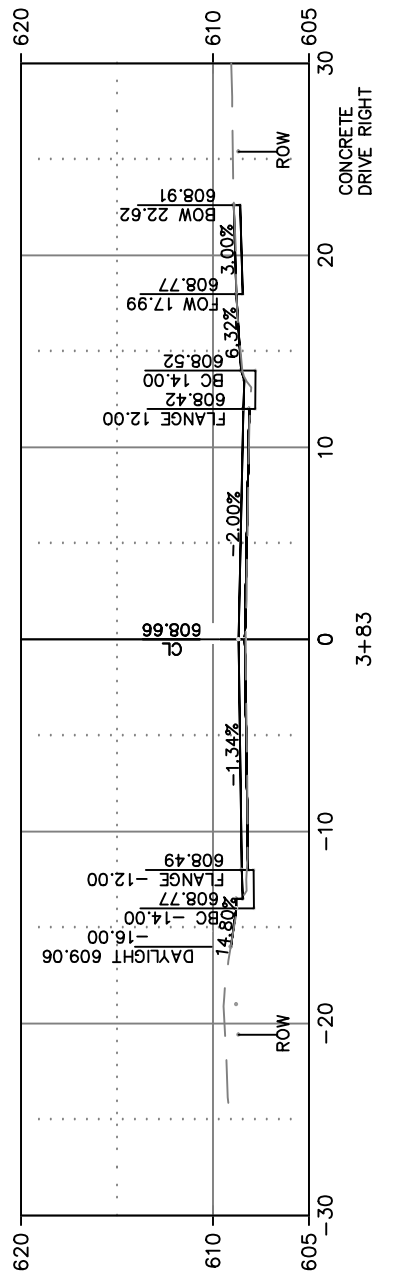
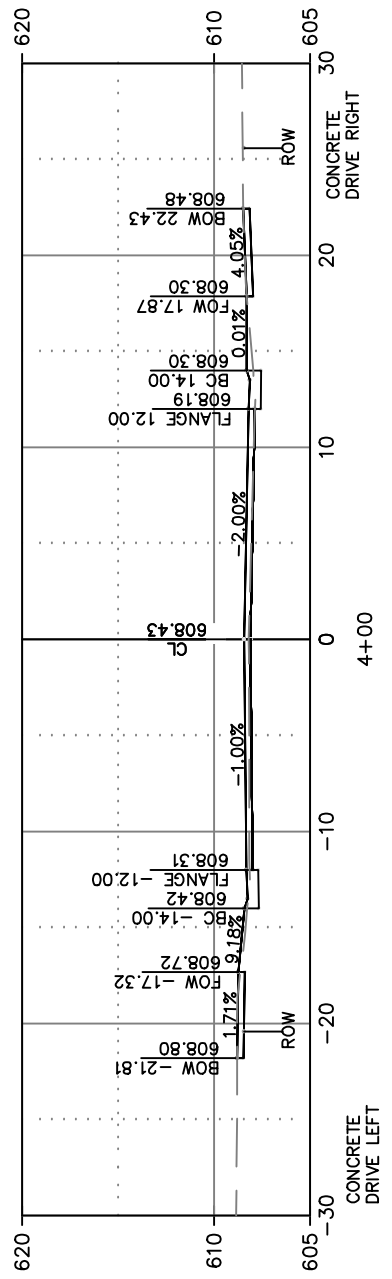
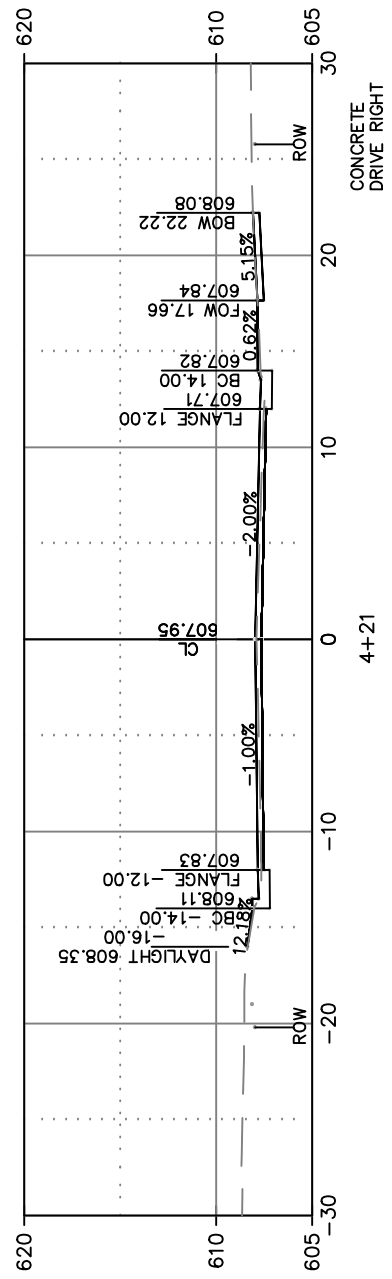
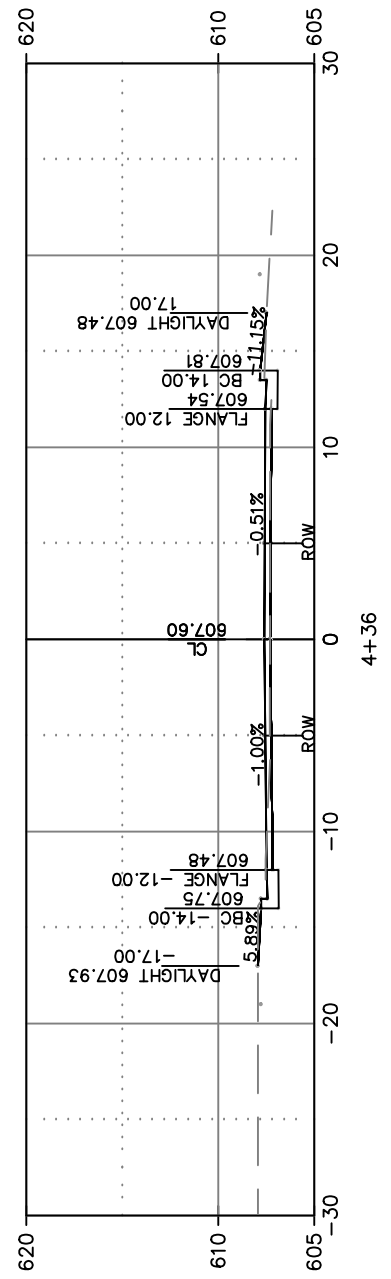
**PLEASANT PLACE
CROSS SECTIONS**

NAME: SEWER AND WATER RELAY AND STREET RESURFACING
PROJECT 25-01

	BY	DATE
SURVEYED	APB	12-2023
DRAWN	APB	12-2023
DESIGNED	CKK	01-2024
CHECKED	CKK	02-2024

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_&_Water_Relay_&_Street\CAD\1200-CAD\Pleasant Place\1200-CAD\Pleasant Place_X Section.dwg



CITY OF DE PERE

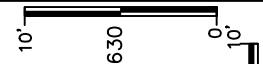
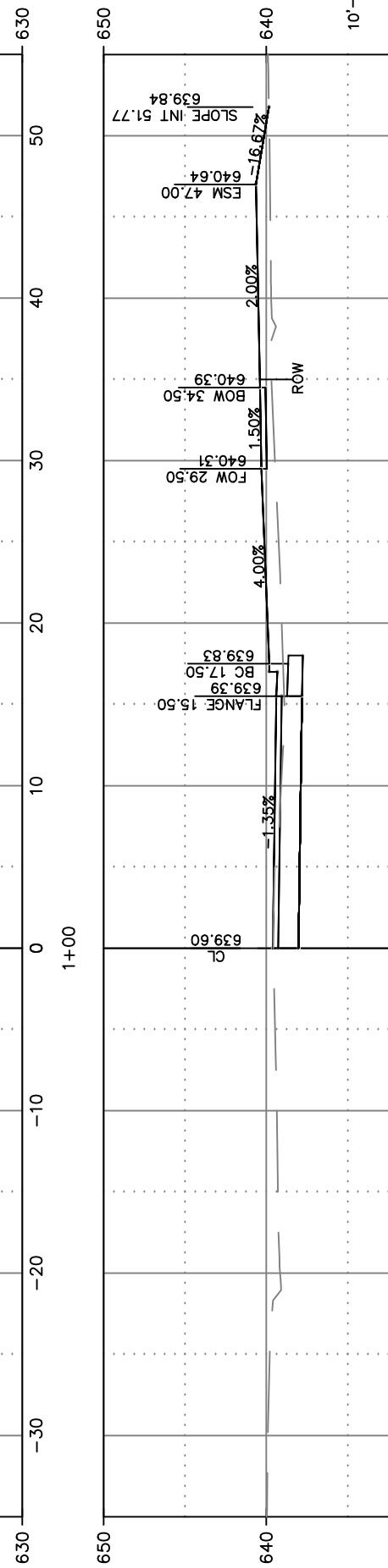
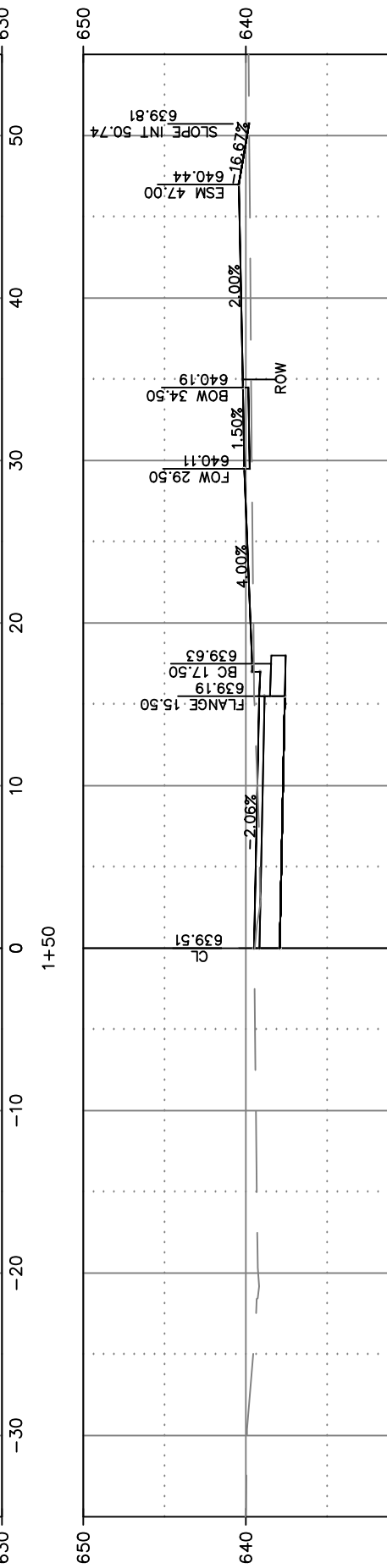
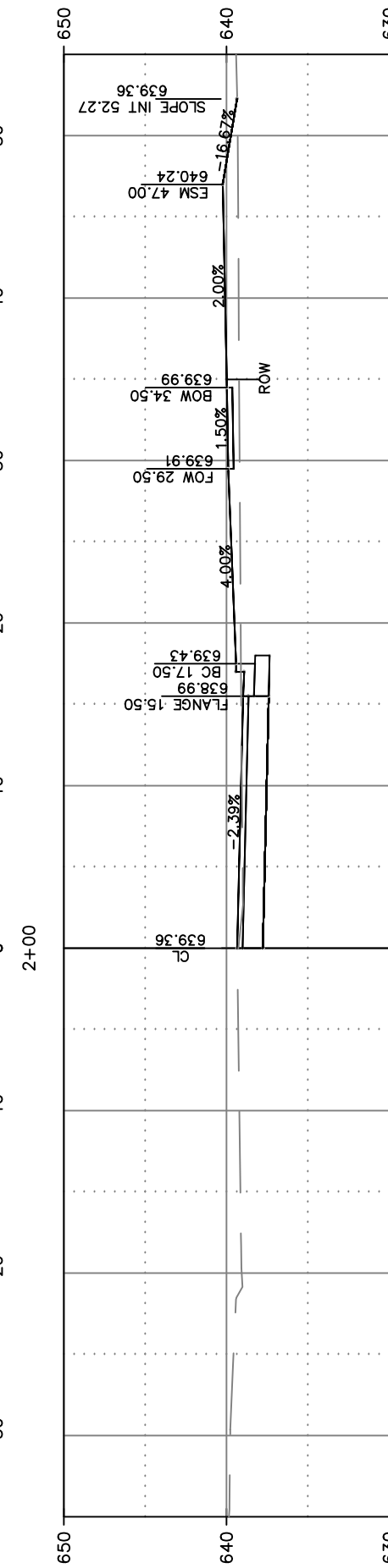
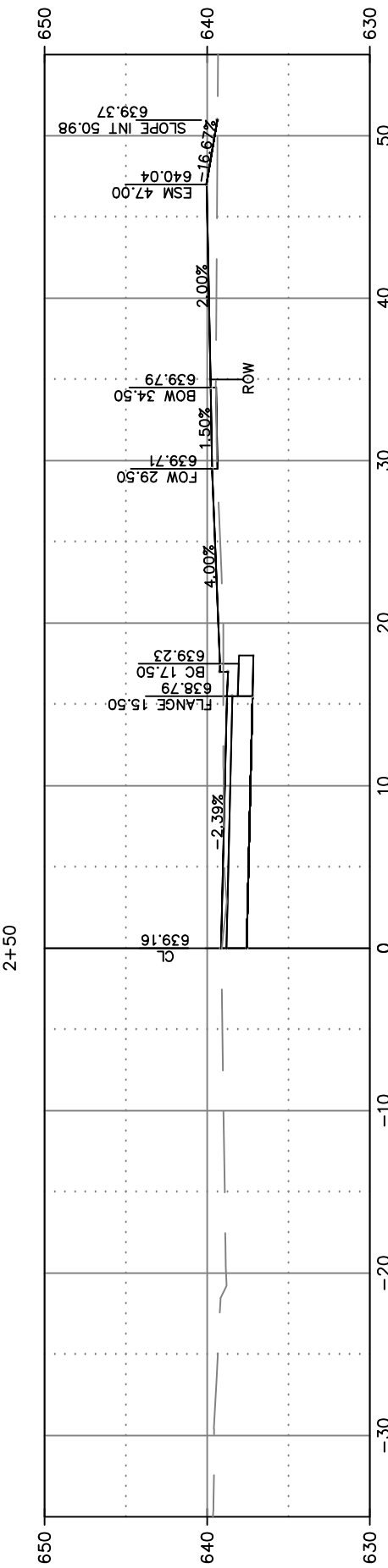
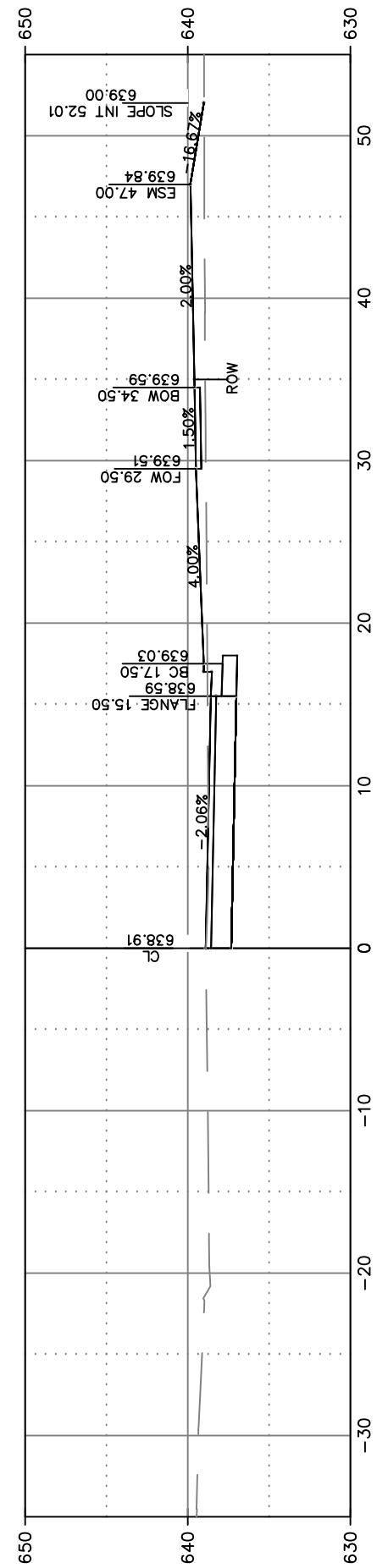
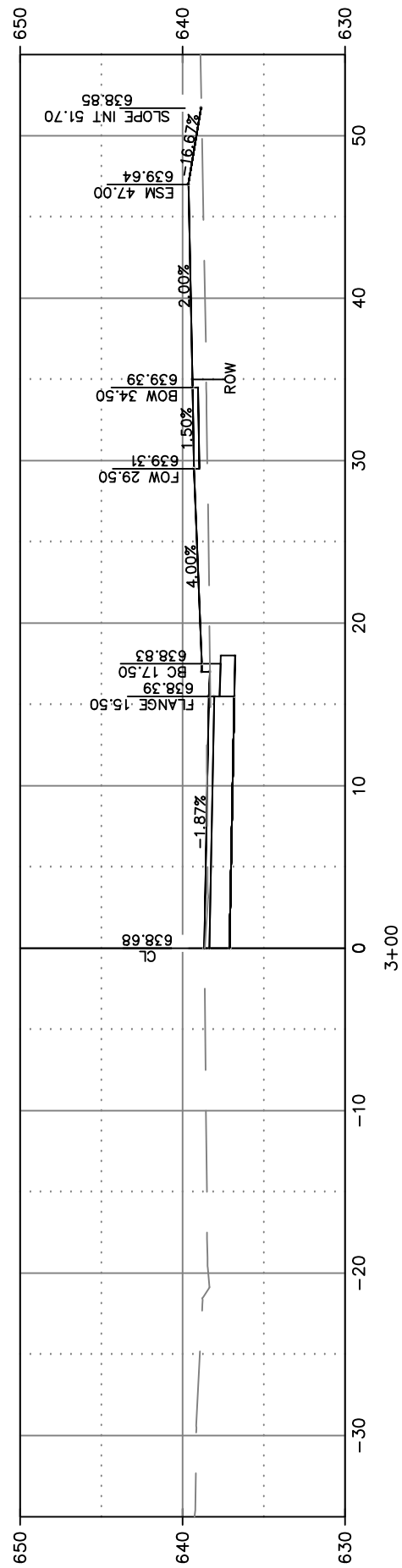
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**PLEASANT PLACE
CROSS SECTIONS**

NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT
25-01

	BY	DATE
SURVEYED	APB	12-2023
DRAWN	APB	12-2023
DESIGNED	CKK	01-2024
CHECKED	CKK	02-2024

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



CITY OF DE PERE

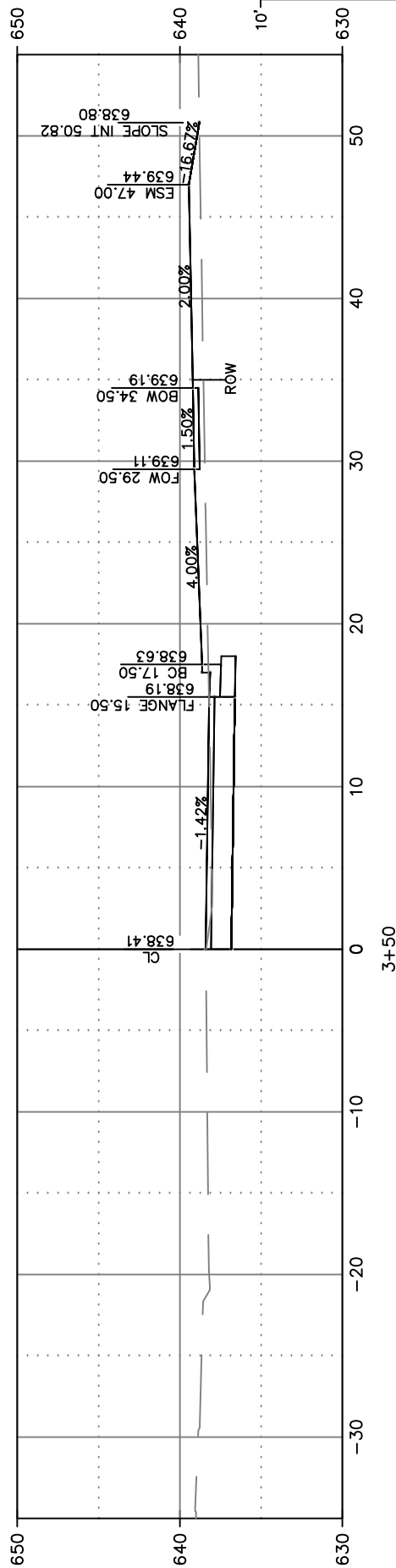
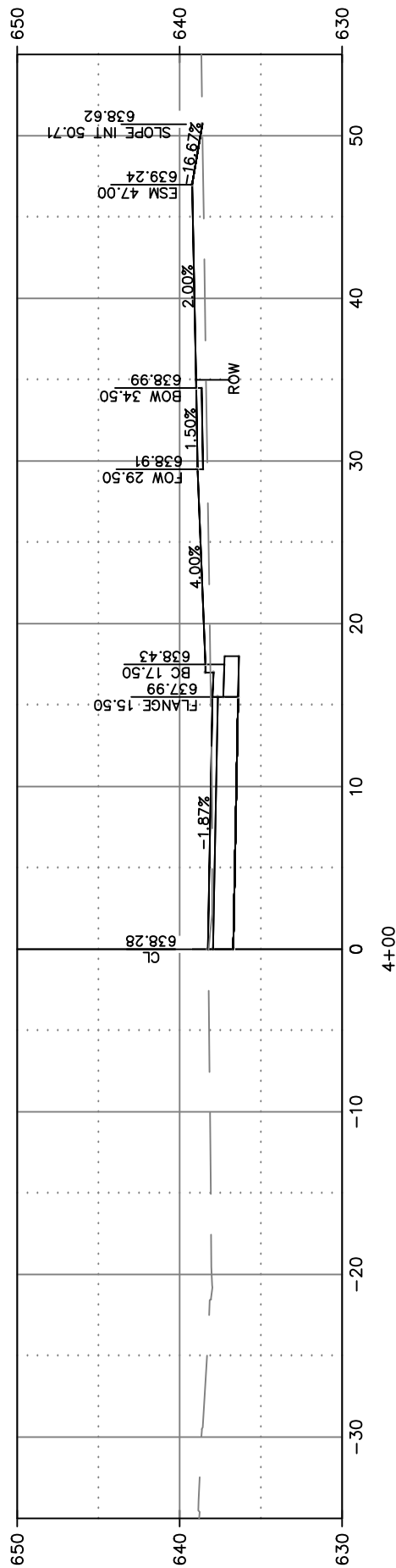
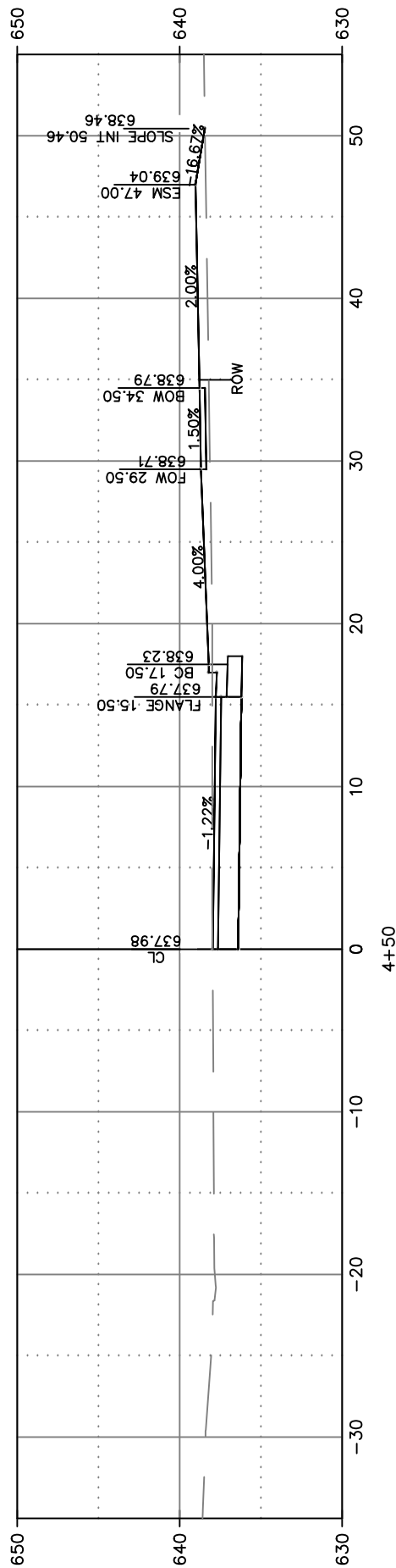
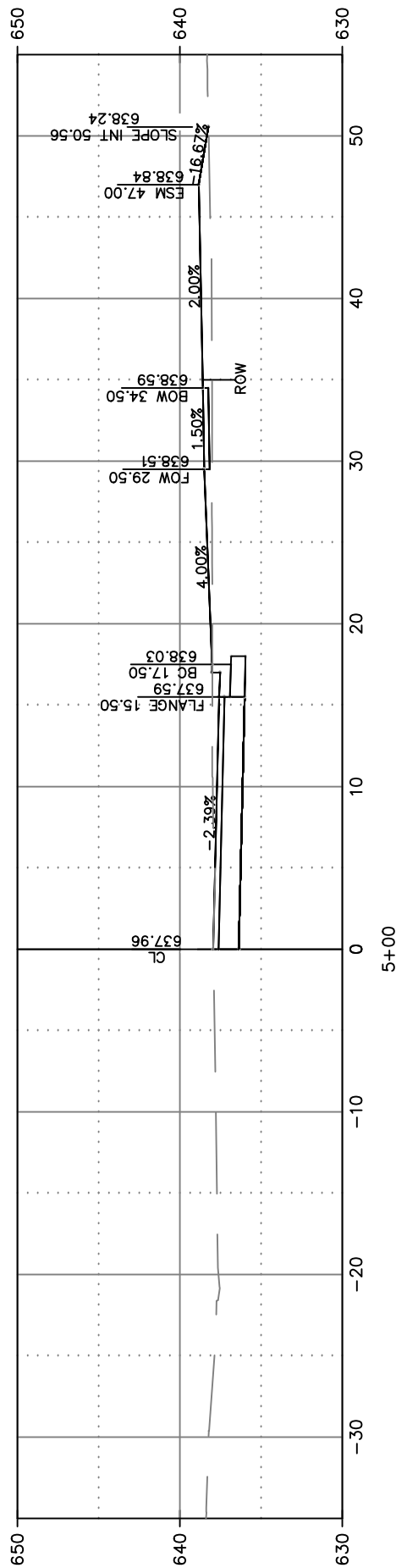
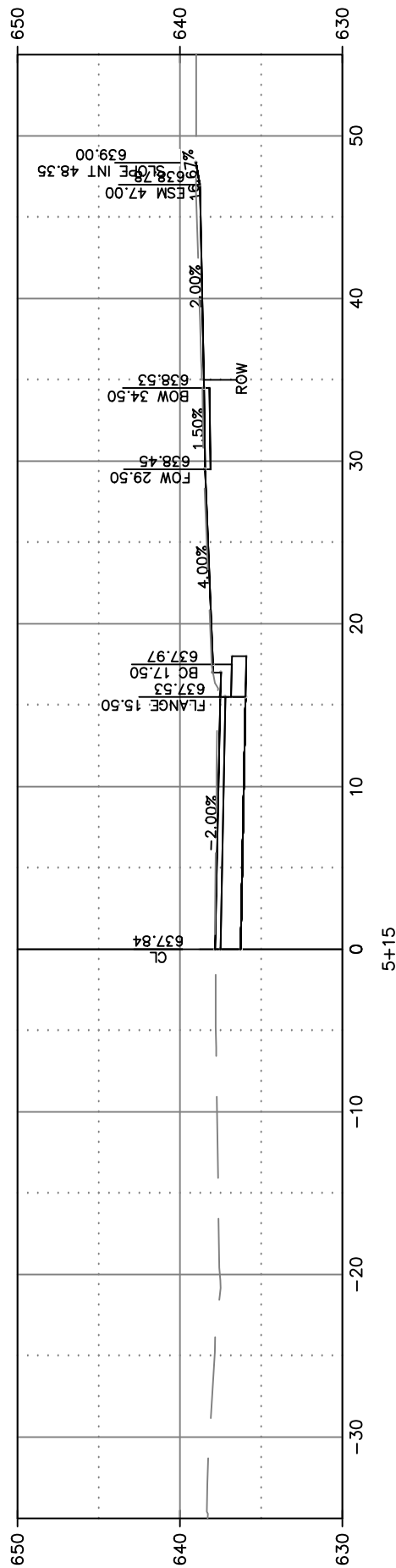
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**GARROMON DRIVE
CROSS SECTIONS**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

	BY	DATE
SURVEYED	MAL	11-2024
DRAWN	MAL	12-2024
DESIGNED	MAL	12-2024
CHECKED	EPR	12-2024

REVISIONS / ISSUES		
NO.	DATE	REMARKS



CITY OF DE PERE

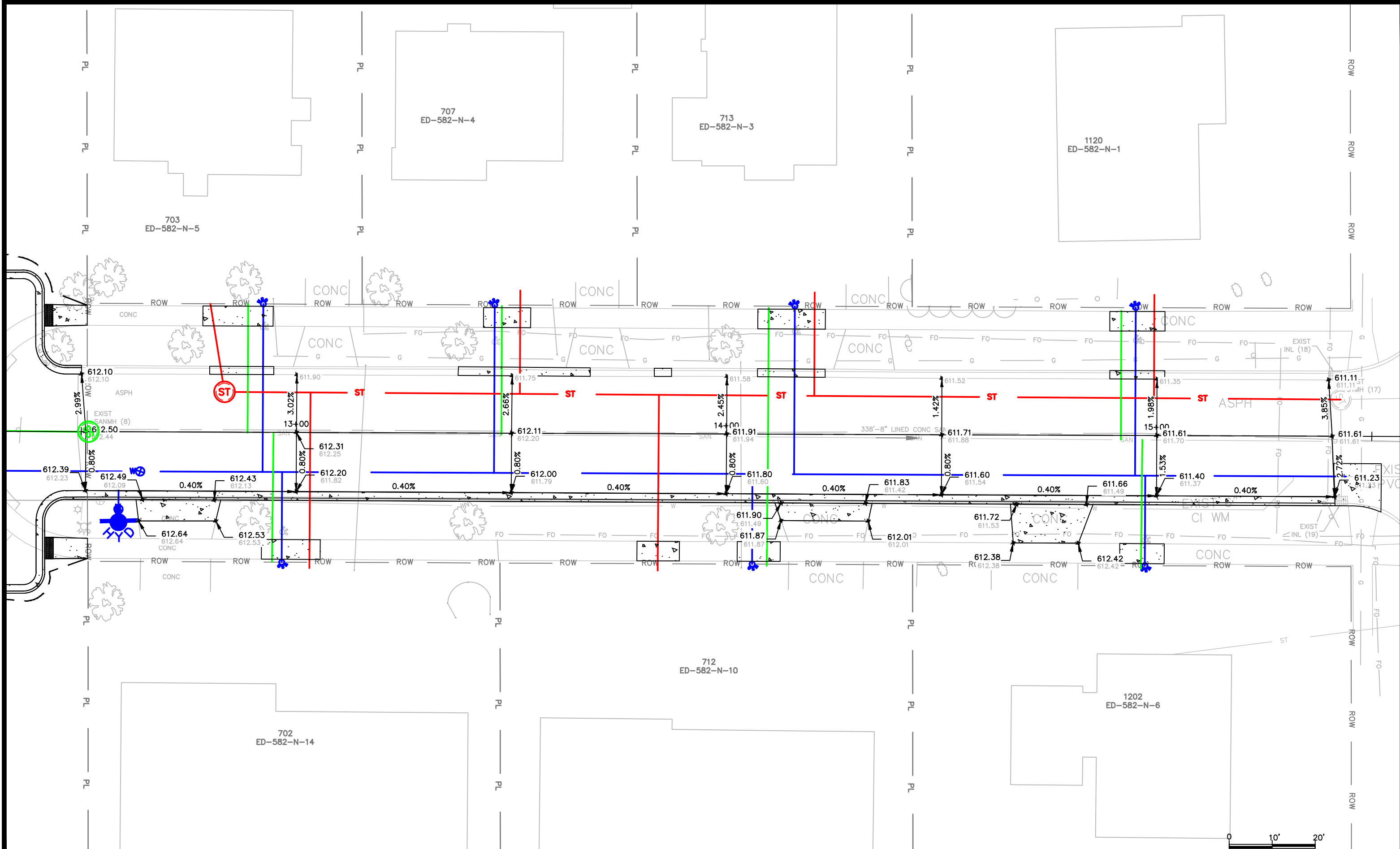
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**GARROMON DRIVE
CROSS SECTIONS**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

	BY	DATE
SURVEYED	MAL	11-2024
DRAWN	MAL	12-2024
DESIGNED	MAL	12-2024
CHECKED	EPR	12-2024

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

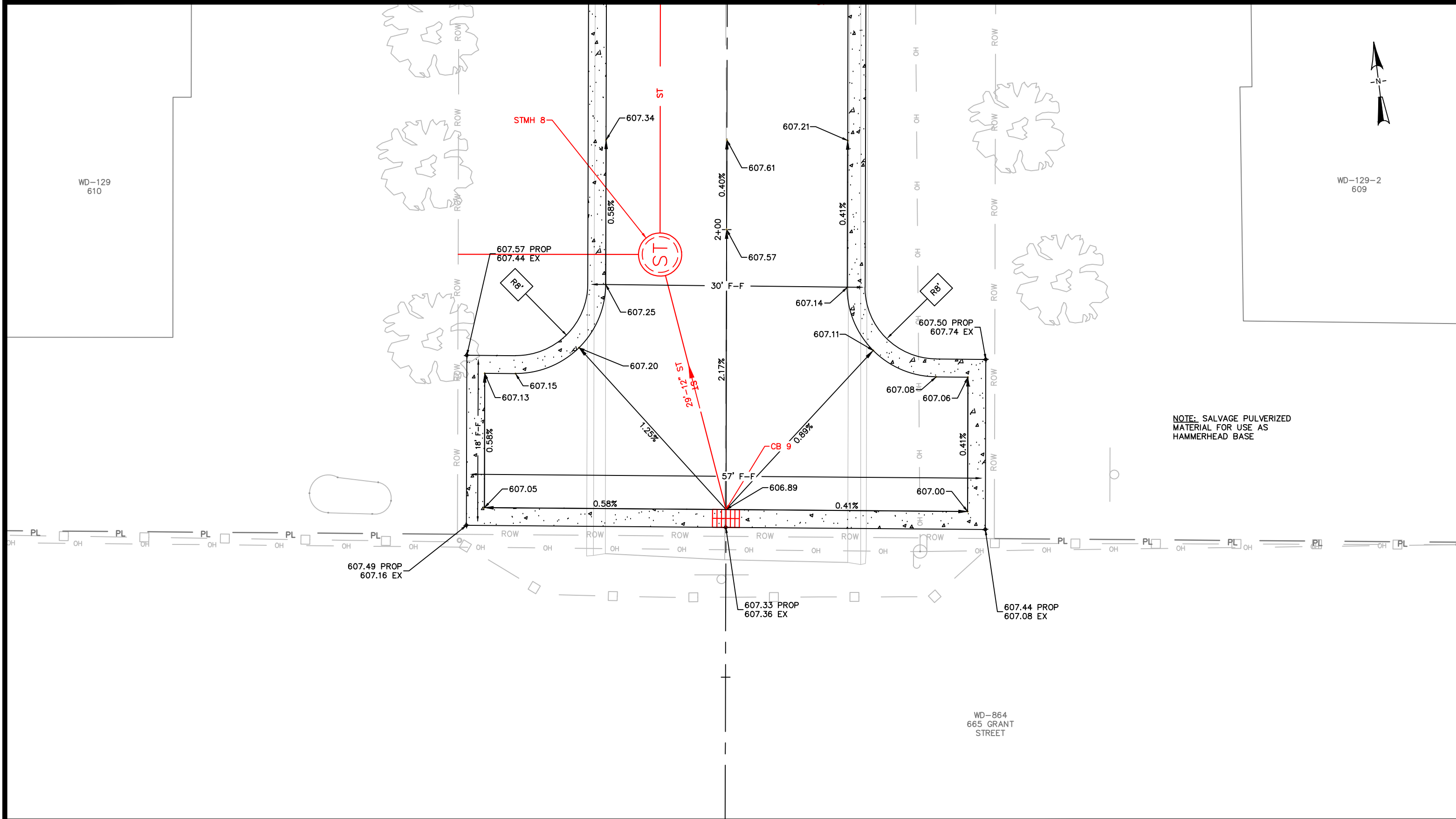
**N WASHINGTON STREET
 GRADING PLAN**

NAME:
 SEWER AND WATER RELAY
 AND STREET RESURFACING
 PROJECT
 25-01

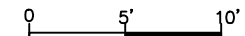
	BY	DATE
SURVEYED	KAD	10-2024
DRAWN	KAD	10-2024
DESIGNED	KAD	11-2024
CHECKED	EPR	11-2024

REVISIONS / ISSUES		
NO.	DATE	REMARKS

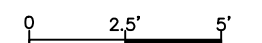
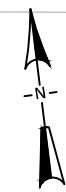
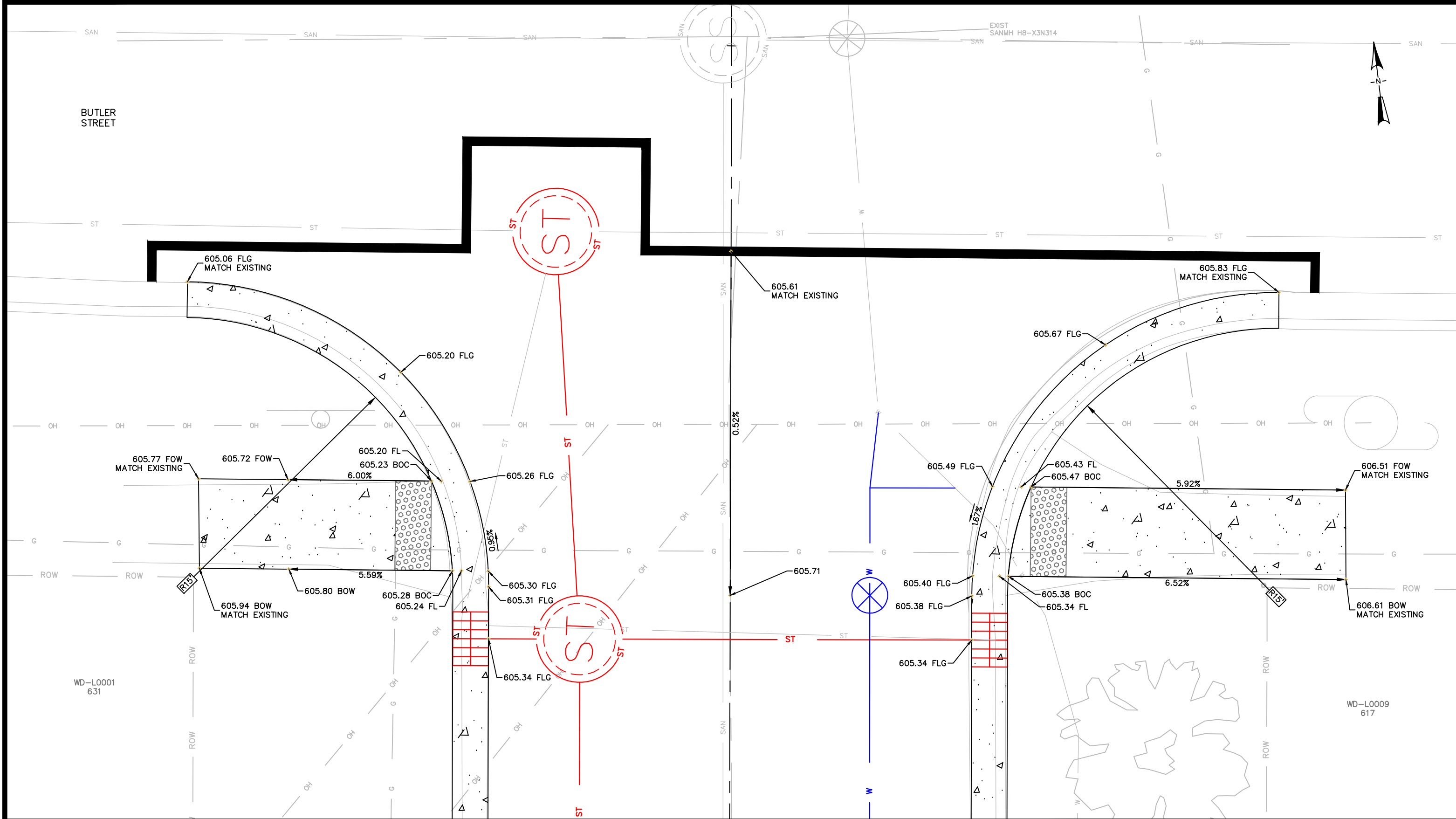
X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer & Water Relay & Street\1200-CAD\N Washington\Washington_LP&P.dwg



NOTE: SALVAGE PULVERIZED MATERIAL FOR USE AS HAMMERHEAD BASE



BY	DATE	REVISIONS / ISSUES	
NO.	DATE	BY	REMARKS
SURVEYED	APB 12-2023		
DRAWN	APB 12-2023		
DESIGNED	APB 01-2024		
CHECKED	CKK 01-2024		



CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

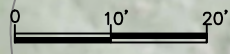
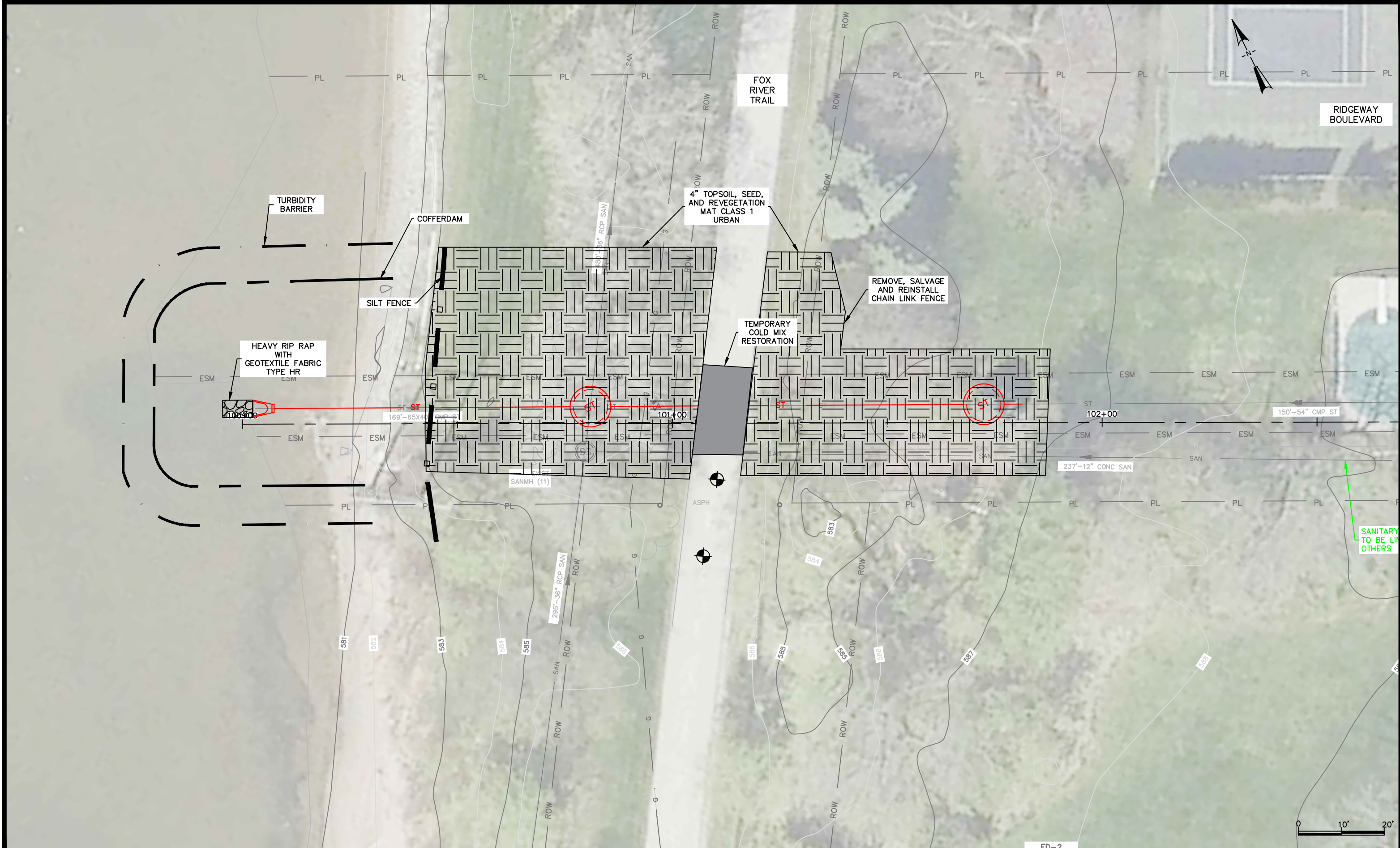
**MARTIN STREET
 INTERSECTION DETAIL**

NAME:
 SEWER AND WATER RELAY
 AND STREET RESURFACING
 PROJECT 25-01

NO.	REVISIONS / ISSUES		DATE	REMARKS
	DATE	BY		
1	SURVEYED	APB	12-2023	
2	DRAWN	APB	01-2025	
3	DESIGNED	CKK	01-2025	
4	CHECKED	EPR	01-2025	

PAGE NO.
C404

X:\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street_Resurfacing\1200-CAD\Martin_Street\Martin_P&P.dwg



CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

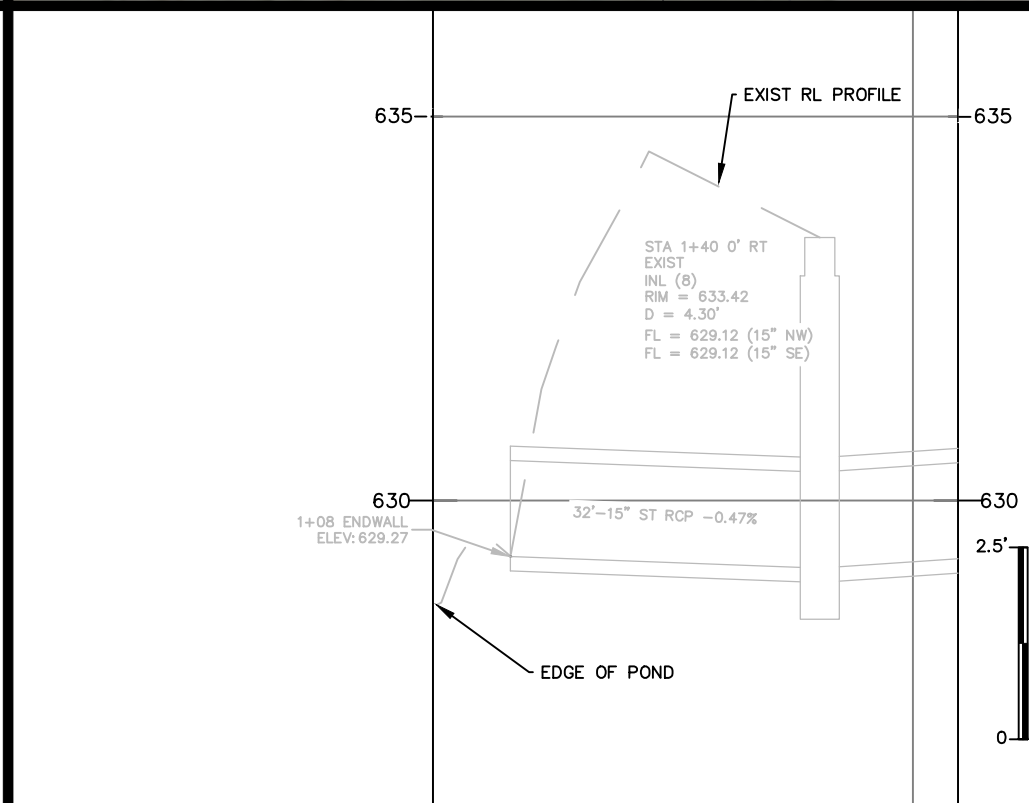
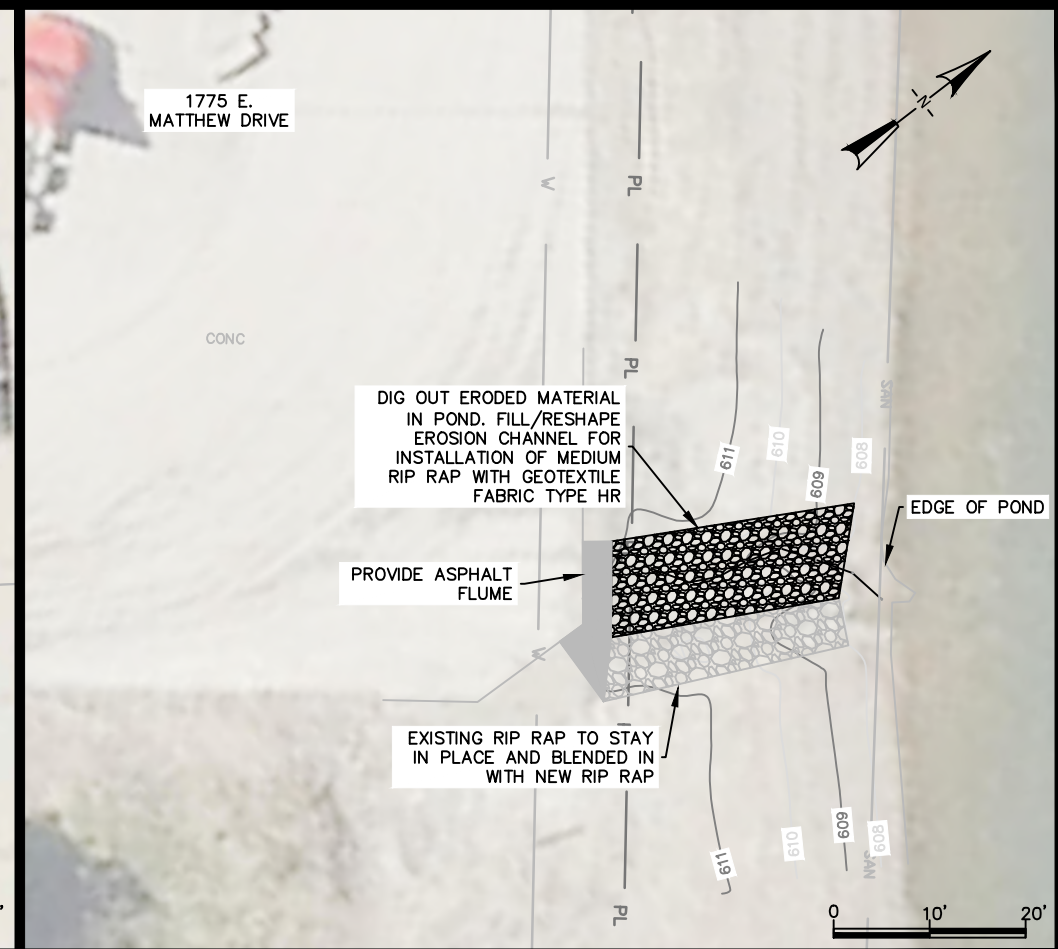
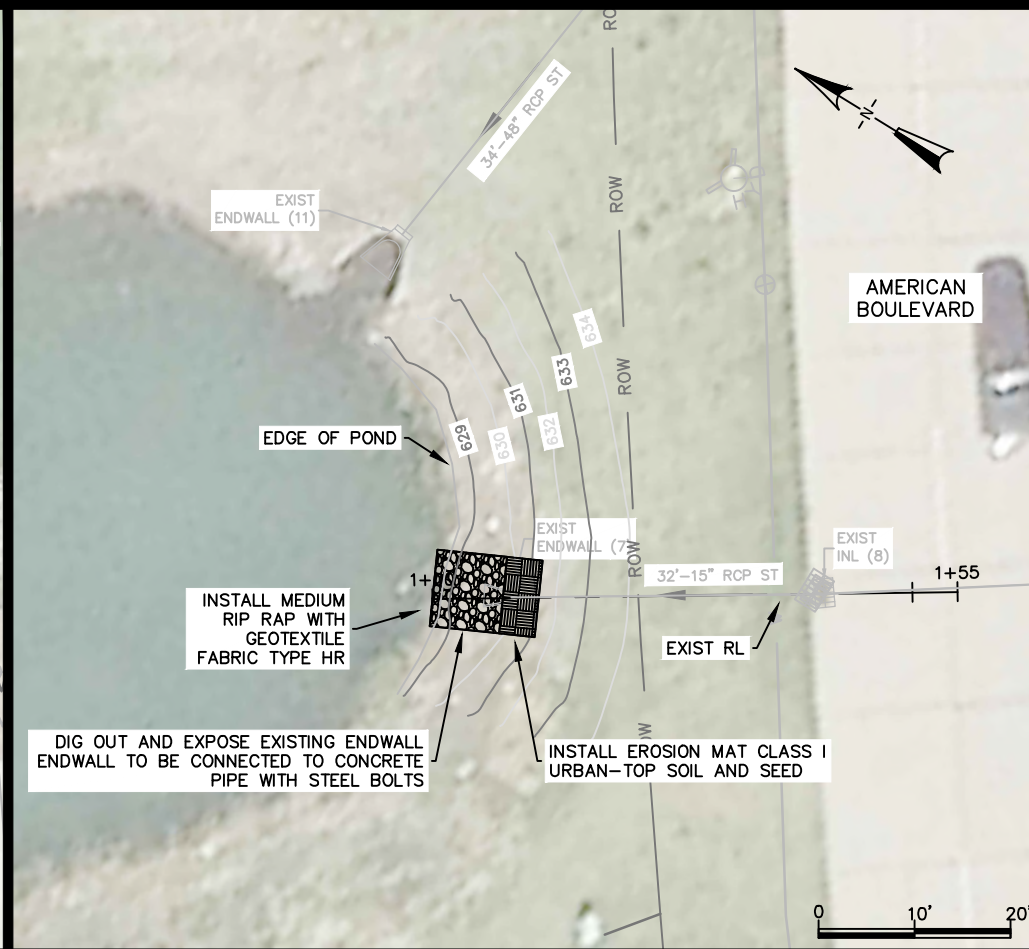
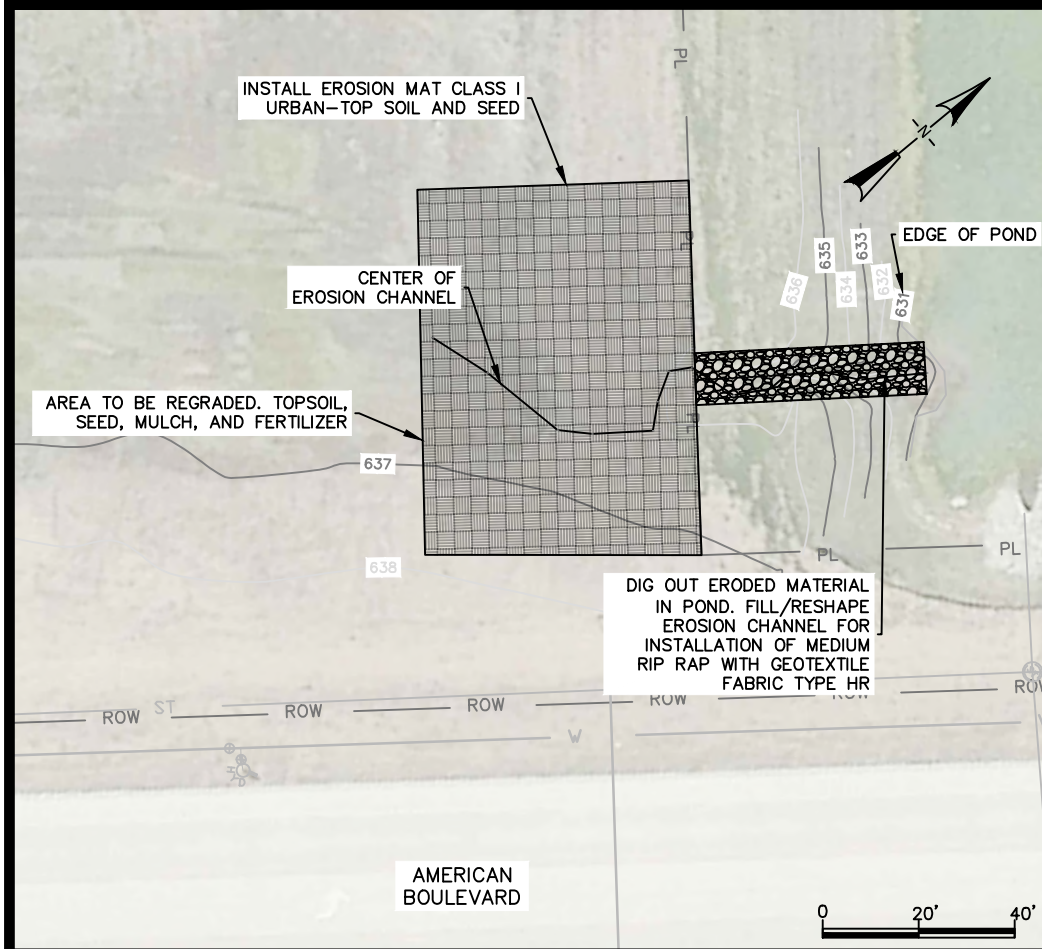
**807 NORTH BROADWAY ST
FOX RIVER TO N. BROADWAY ST
EROSION CONTROL AND RESTORATION**

NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT
25-01

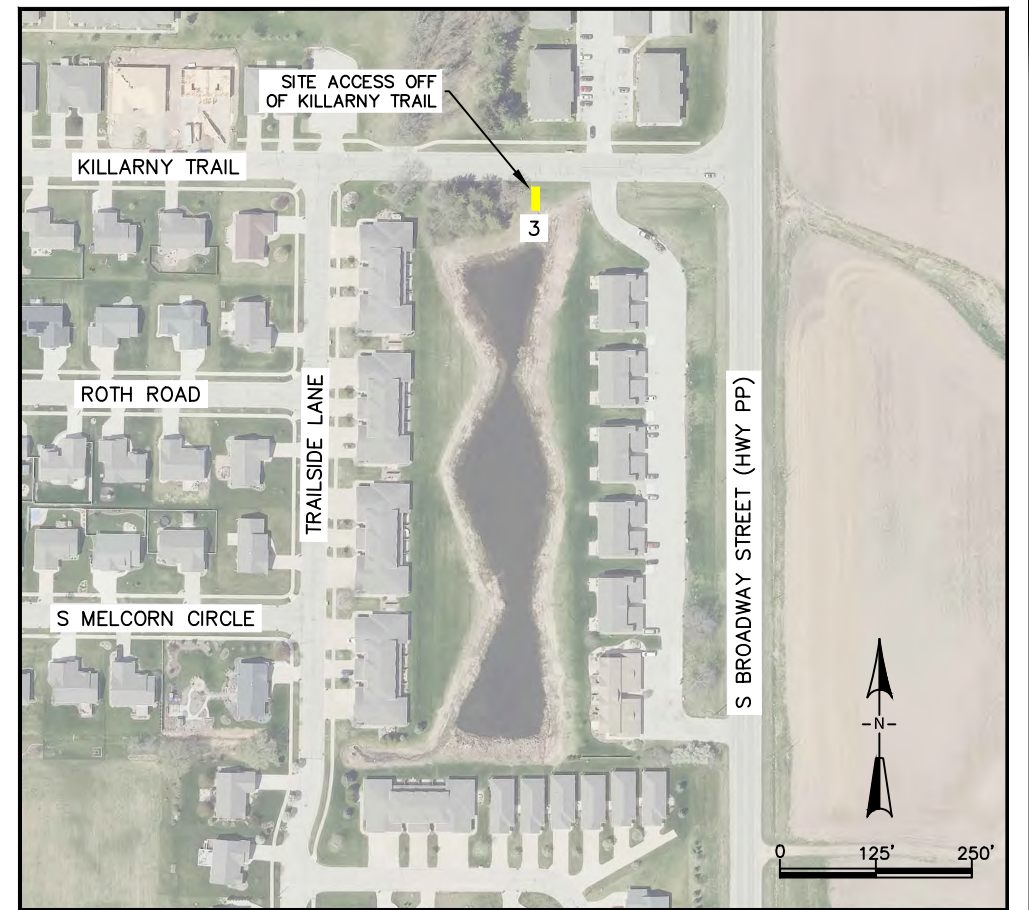
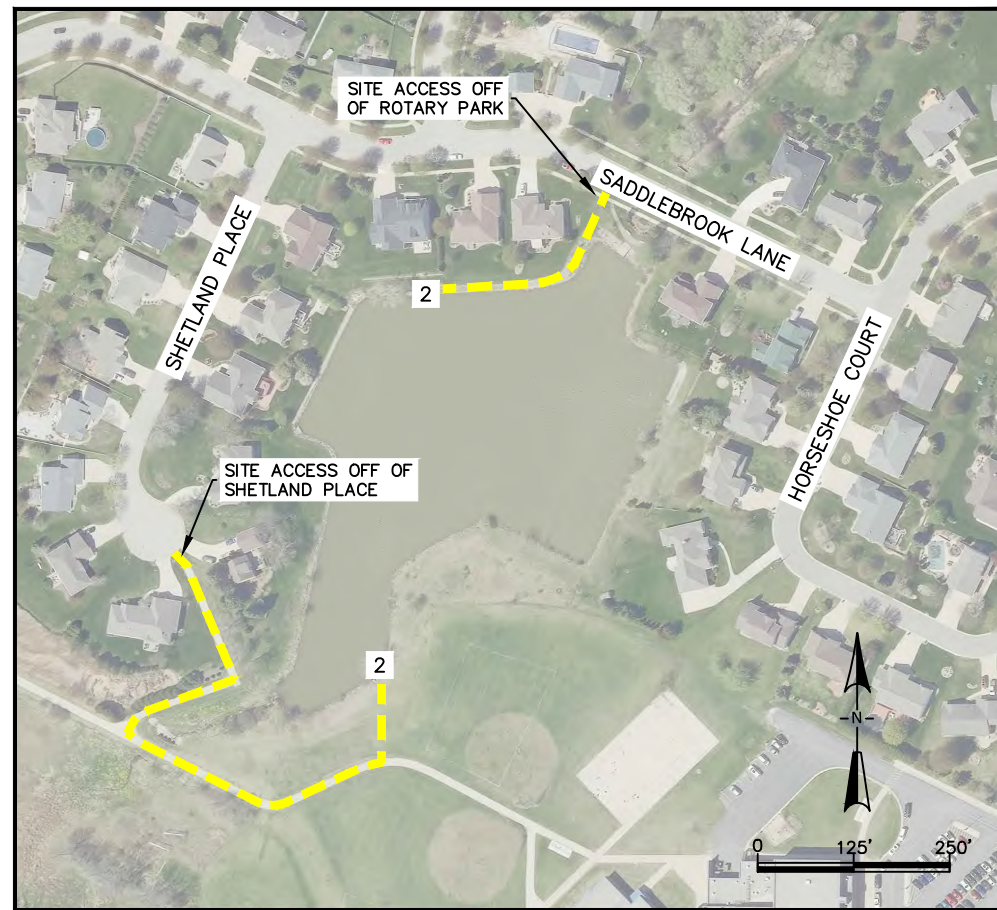
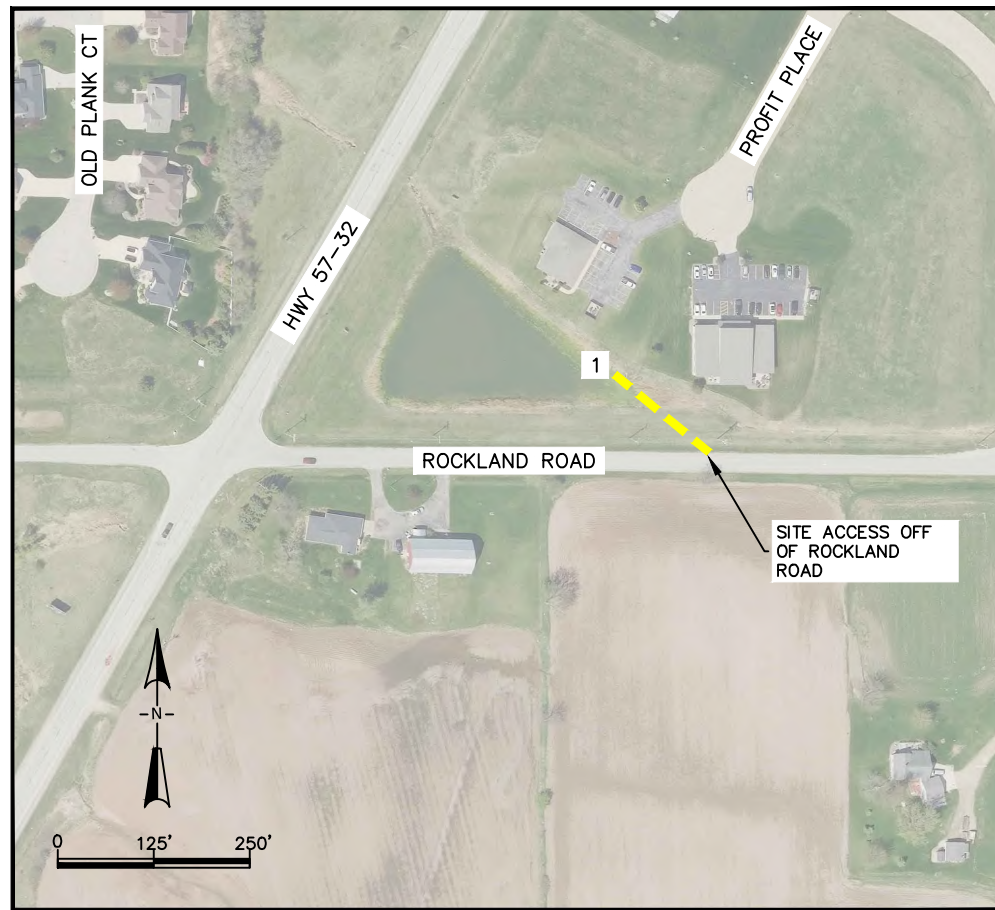
	BY	DATE
SURVEYED	KAD	07-2024
DRAWN	KAD	07-2024
DESIGNED	KAD	07-2024
CHECKED	EPR	07-2024

REVISIONS / ISSUES		
NO.	DATE	REMARKS

PAGE NO.
C405



X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer & Water Relay & Street\1200-CAD\American Endwall & Erosion\Matthew Erosion_P&P.dwg



1. REPAIR EXISTING ENDWALL ON ROCKLAND POND OUTFALL FOLLOWING JOINT TIES DETAIL ON SHEET C507



2. REPAIR EXISTING ENDWALL ON SADDLEBROOK LANE POND OUTFALL FOLLOWING JOINT TIES DETAIL ON SHEET C507



3. REPAIR EXISTING ENDWALL ON TRILSIDE POND OUTFALL FOLLOWING JOINT TIES DETAIL ON SHEET C507



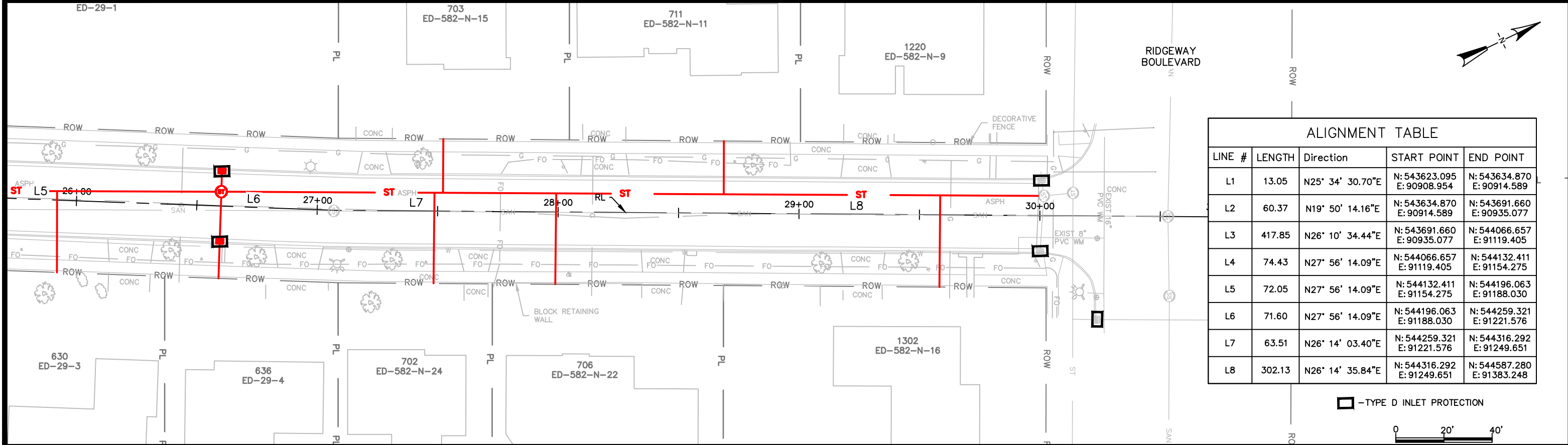
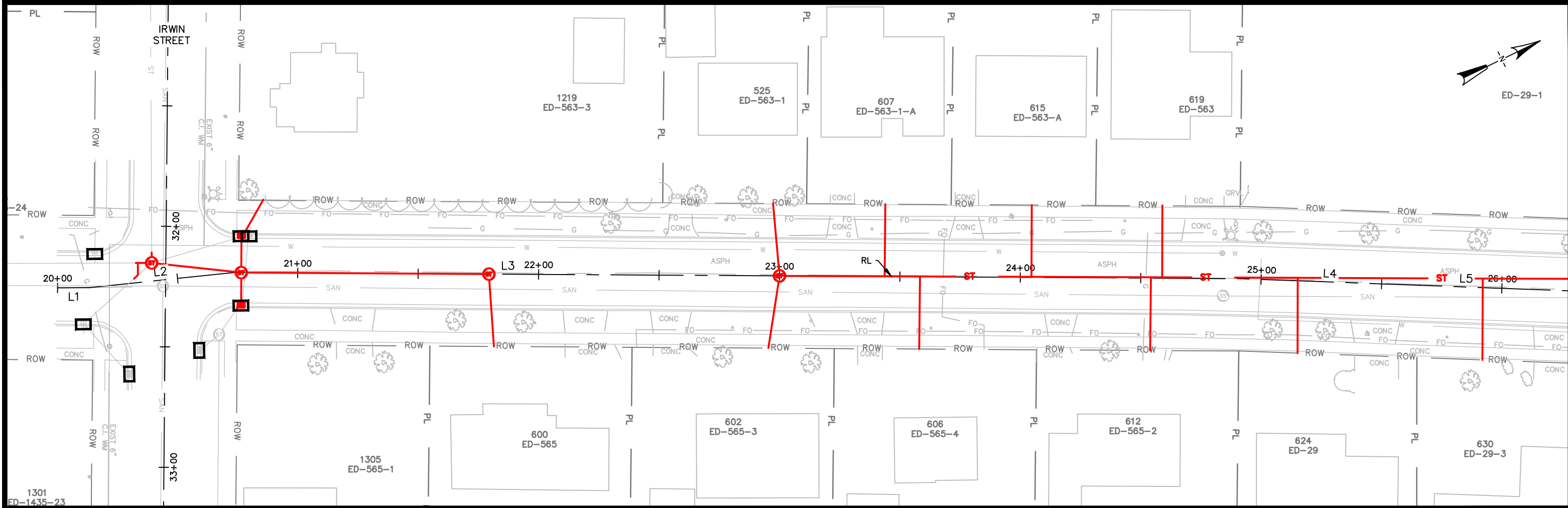
CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

CULVERT ENDWALL REPAIRS

NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT
 25-01

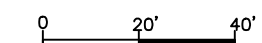
	BY	DATE	REVISIONS / ISSUES	
			NO.	DATE
SURVEYED	MAL	12-2024		
DRAWN	MAL	12-2024		
DESIGNED	MAL	12-2024		
CHECKED	ANH	12-2024		

PAGE NO.
C407



ALIGNMENT TABLE				
LINE #	LENGTH	Direction	START POINT	END POINT
L1	13.05	N25° 34' 30.70"E	N: 543623.095 E: 90908.954	N: 543634.870 E: 90914.589
L2	60.37	N19° 50' 14.16"E	N: 543634.870 E: 90914.589	N: 543691.660 E: 90935.077
L3	417.85	N26° 10' 34.44"E	N: 543691.660 E: 90935.077	N: 544066.657 E: 91119.405
L4	74.43	N27° 56' 14.09"E	N: 544066.657 E: 91119.405	N: 544132.411 E: 91154.275
L5	72.05	N27° 56' 14.09"E	N: 544132.411 E: 91154.275	N: 544196.063 E: 91188.030
L6	71.60	N27° 56' 14.09"E	N: 544196.063 E: 91188.030	N: 544259.321 E: 91221.576
L7	63.51	N26° 14' 03.40"E	N: 544259.321 E: 91221.576	N: 544316.292 E: 91249.651
L8	302.13	N26° 14' 35.84"E	N: 544316.292 E: 91249.651	N: 544587.280 E: 91383.248

□ -TYPE D INLET PROTECTION



CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

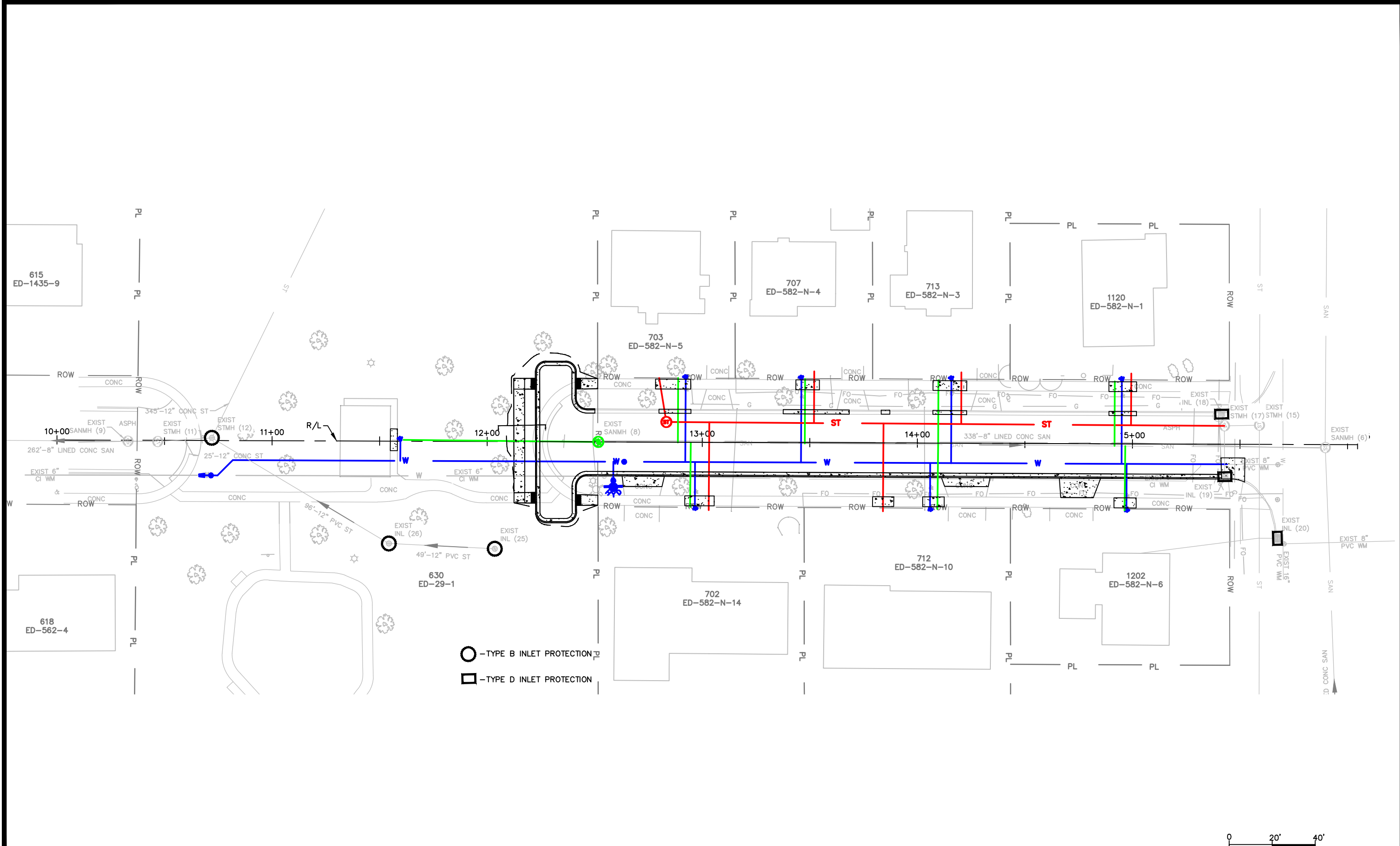
**NORTH ADAMS STREET
 ALIGNMENT AND EROSION CONTROL**

NAME:
 SEWER AND WATER RELAY
 AND STREET RESURFACING
 PROJECT # 25-01

	BY	DATE
SURVEYED	KAD	10-2024
DRAWN	KAD	11-2024
DESIGNED	KAD	11-2024
CHECKED	EPR	12-2024

REVISIONS / ISSUES		
NO.	DATE	REMARKS

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\Adams\ADAMS_LP&P.dwg



CITY OF DE PERE

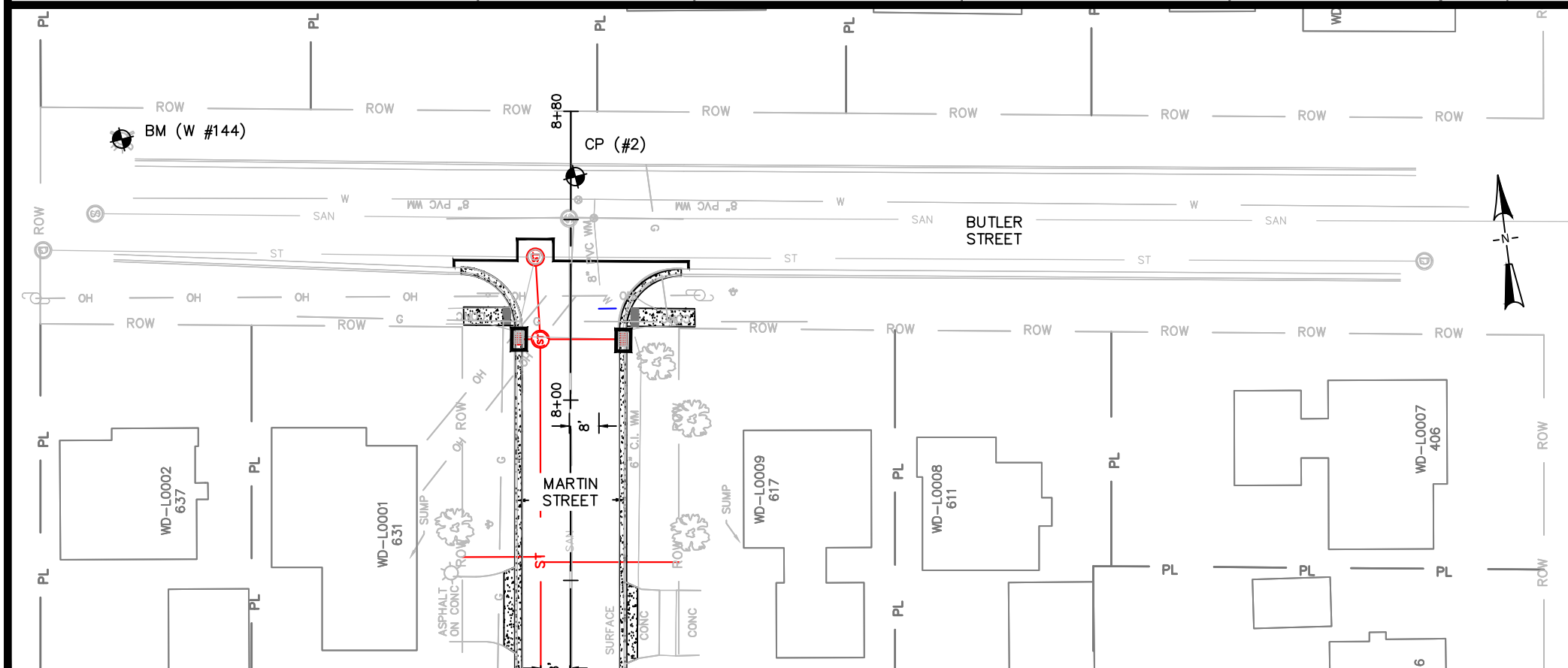
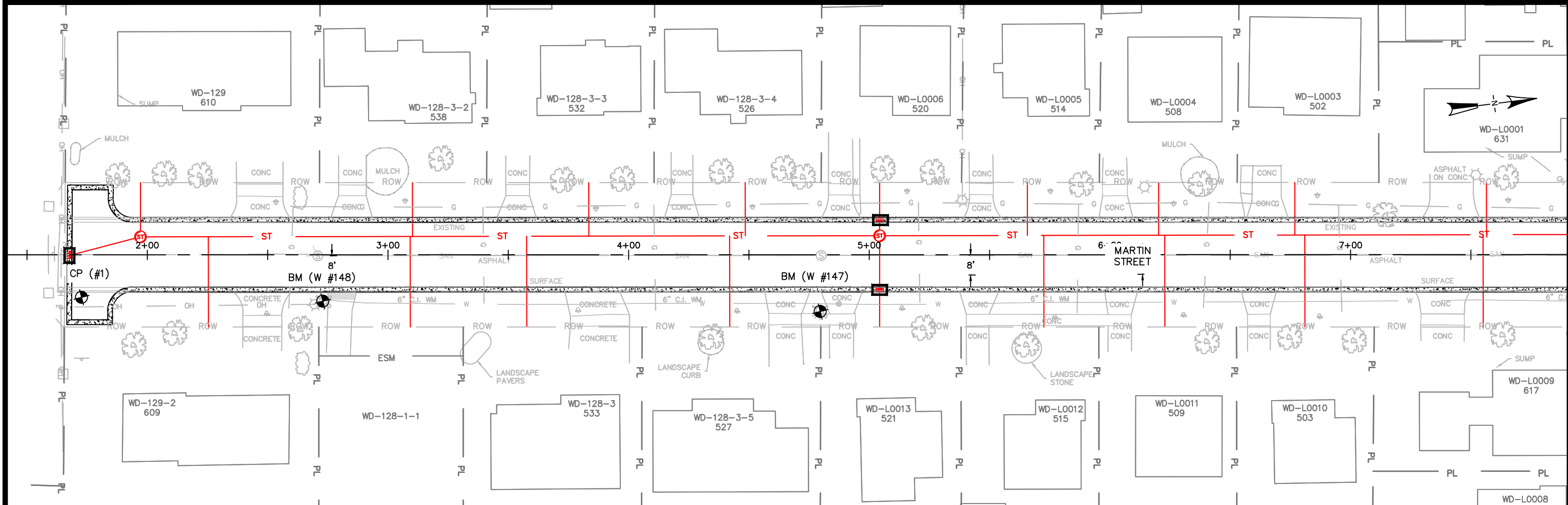
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**N WASHINGTON STREET
EROSION CONTROL**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

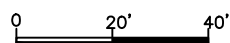
	BY	DATE
SURVEYED	KAD	10-2024
DRAWN	KAD	10-2024
DESIGNED	KAD	11-2024
CHECKED	EPR	11-2024

REVISIONS / ISSUES		
NO.	DATE	REMARKS

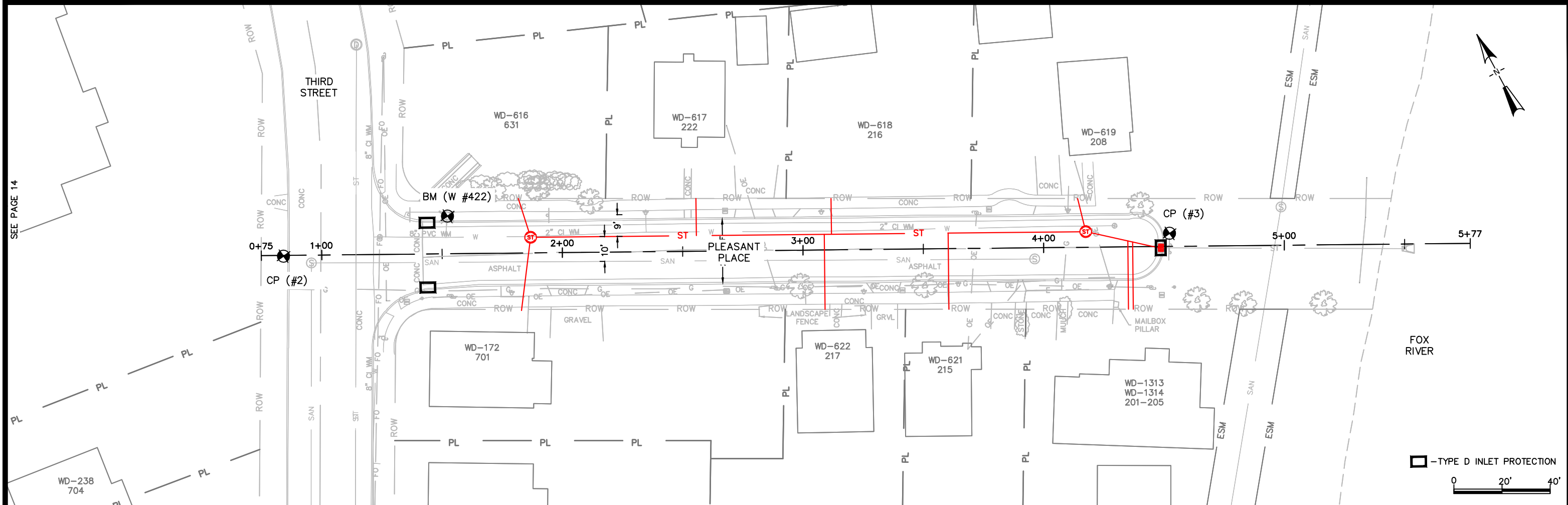


BENCHMARKS & CONTROL POINTS				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM (W #144)	541639.62	83485.73	607.05	TOP NUT
BM (W #147)	541231.63	83583.73	608.60	FLAG BOLT
BM (W #148)	541027.14	83553.75	608.59	FLAG BOLT
CP (#1)	540927.85	83539.65	607.50	SPIKE
CP (#2)	541613.71	83609.15	605.42	PK NAIL

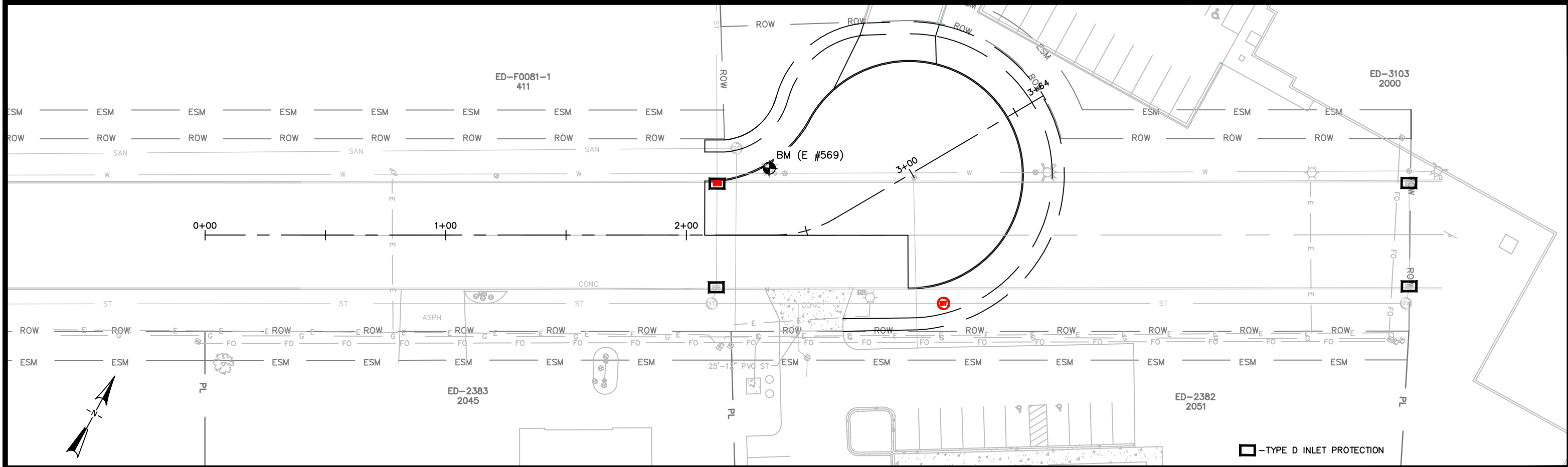
□ -TYPE D INLET PROTECTION



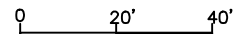
X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer & Water Relay & Street\1200-CAD\Martin Street\Martin Street_Benchmarks.dwg



BENCHMARKS & CONTROL POINTS				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM (W #422)	540443.99	85582.12	613.09	TOP NUT
CP (#2)	540461.47	85514.17	611.02	SPIKE
CP (#3)	540167.94	83610.62	609.12	SPIKE



BENCHMARKS & CONTROL POINTS				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM (E #569)	532216.556	84269.519	640.48	TOP NUT



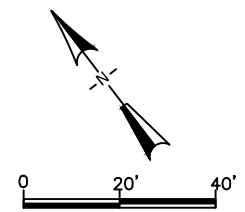
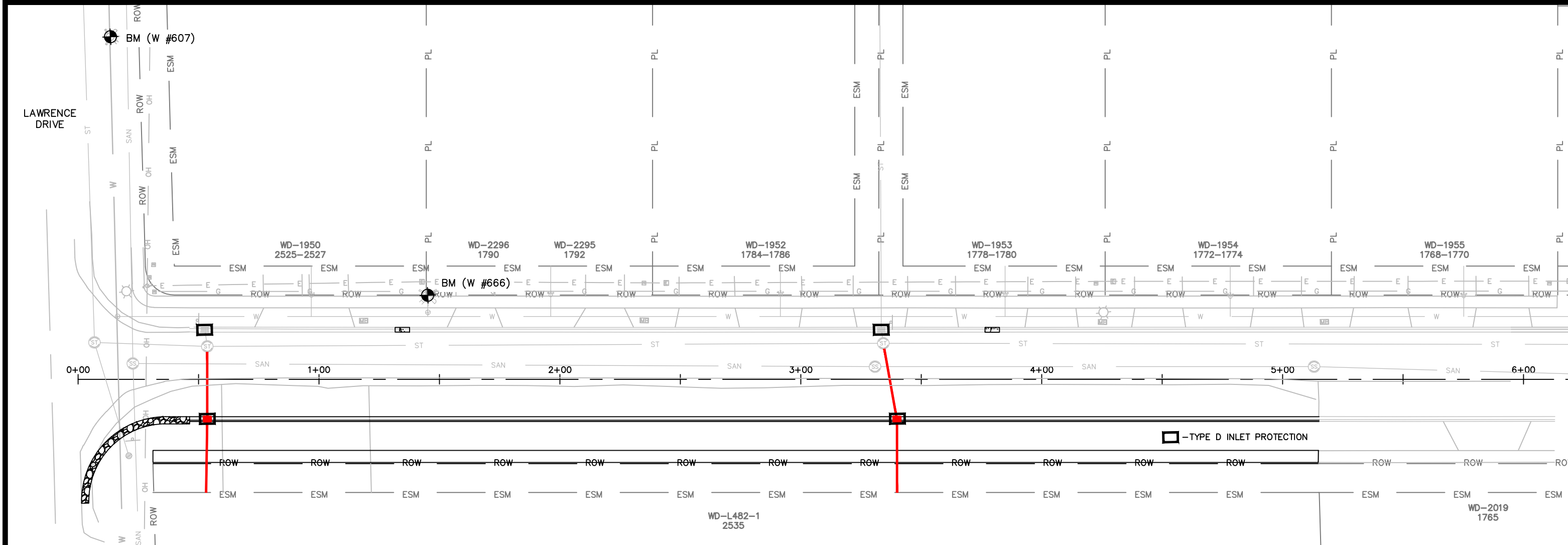
CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

PROFIT PLACE
 300' NE OF DESTINY DR TO 900' NE OF DESTINY DR
 BENCHMARKS AND EROSION CONTROL

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

	BY	DATE	REVISIONS / ISSUES	
			NO.	DATE
SURVEYED	MAL	11-2021		
DRAWN	MAL	12-2024		
DESIGNED	MAL	12-2024		
CHECKED	CKK	12-2024		

PAGE NO.
C412



BENCHMARKS & CONTROL POINTS				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM (W #607)	525931.606	69278.665	641.26	TOP NUT
BM (W #666)	525766.344	69318.028	642.15	TOP NUT

X:\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street_1200-CAD\Garroman Dr\Garroman Dr_P&P.dwg

FIXTURE ROUGH-IN SCHEDULE								
TAG	FIXTURE TYPE	W	V	OW	HW	CARRIER	MOUNTING	NOTES
WC-1	WATER CLOSET 1.25 GPF	4"	2"	1 1/4"	--	ZURN #Z-1203-H-X01	RM AT 15" A.F.F.	--
WC-2	WATER CLOSET 1.25 GPF	4"	2"	1 1/4"	--	ZURN #Z-1203-H-X01	RM TO BE 17 1/8" A.F.F.	--
U-1	URINAL, O.125 GPF	2"	1 1/2"	3/4"	--	ZURN #Z-1221	RM TO BE 24" A.F.F.	--
L-1	LAVATORY	1 1/2"	1 1/2"	1/2"	--	--	RM AT 34" A.F.F.	--
DF-1	DRINKING FOUNTAIN	1 1/2"	1 1/2"	1/2"	--	GALVANIZED STRUCTURAL STEEL SUPPORT	DUAL HEIGHT LEFT SPOUT @ 36" A.F.F., RT. SPOUT @ 42" A.F.F.	--
SS-1	SERVICE SINK	3"	1 1/2"	3/4"	--	--	FLOOR OUTLET MOUNT FAUCET 36" A.F.F.	--
HB-1	EXTERIOR HOSE BIBB	--	--	3/4"	--	--	MOUNT 18" A.F.F.	--

DRAIN SCHEDULE							
TAG	MANUF.	MODEL	DRAIN TYPE	WASTE	VENT	TRAP	REMARKS
FD-1	PROSET	#125630-P-F	FL. DRAIN W/TRAP GUARD, 5" ADJ. STRAINER	273"	1 1/2"	273"	FOLISHED BRONZE GRATE.

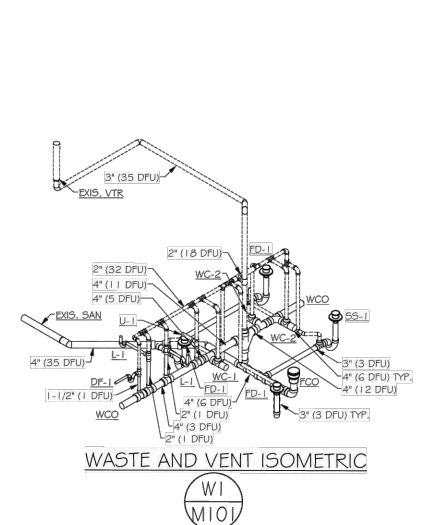
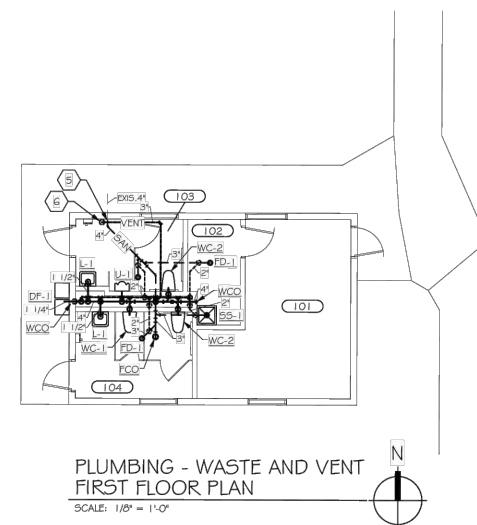
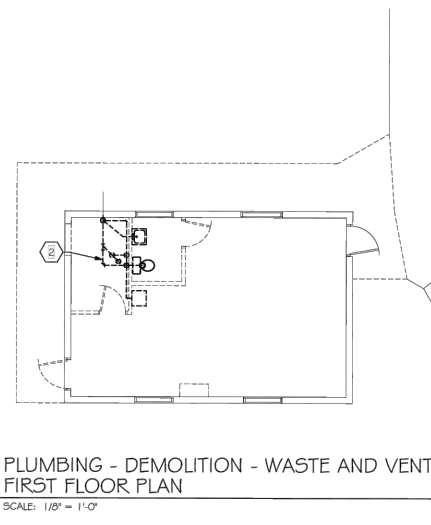
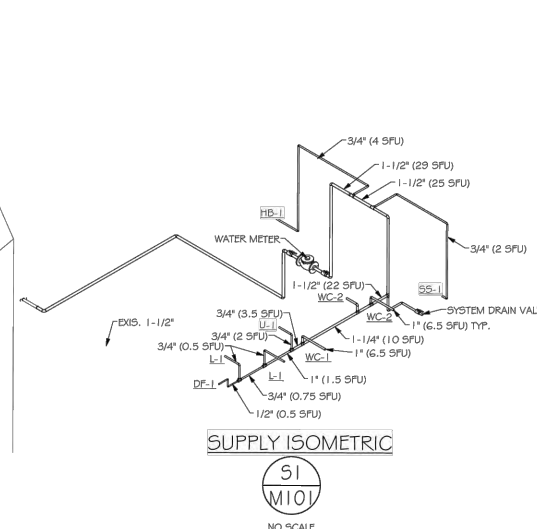
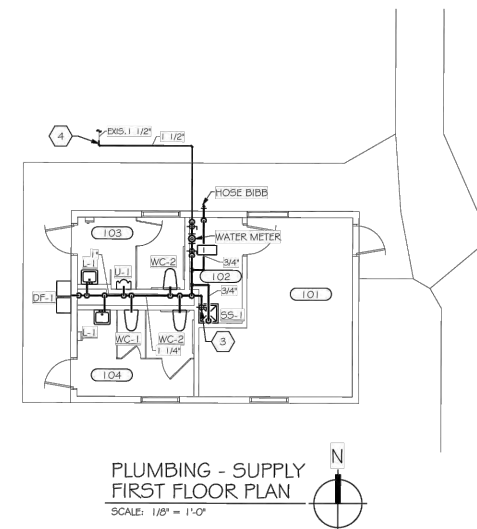
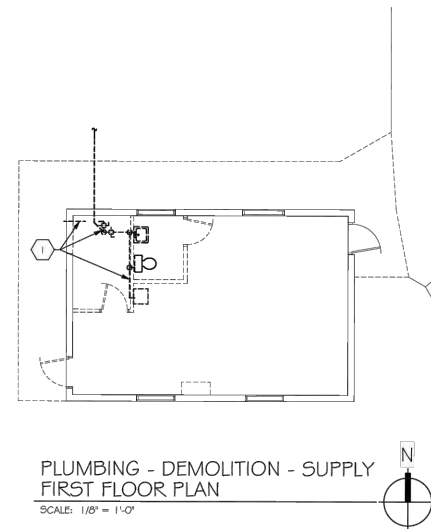
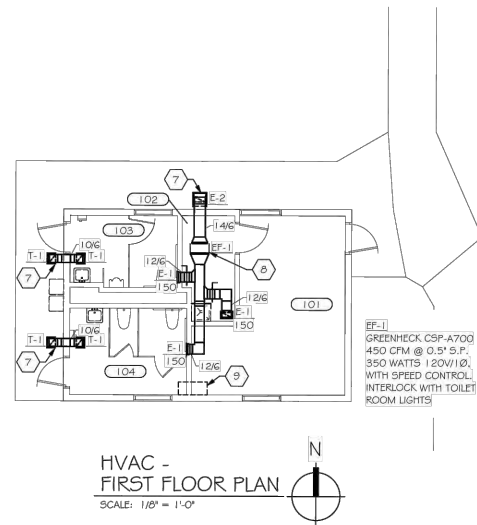
PLUMBING FIXTURE SCHEDULE						
TAG	MANUFACTURER/ MODEL No.	FIXTURE TYPE	ADDITIONAL EQUIPMENT			
			FAUCET	TRAP	SUPPLIES	NOTES
WC-1	KOHLER "KINGSTON" #K-4325	WATER CLOSET WHITE V.C., 1.25 GPF FL. VALVE, WALL HUNG	--	INTEGRAL	SLOAN HET #111-1.25 EXPOSED FL. VA.	SEE NOTES #1, 3
WC-2	KOHLER "KINGSTON" #K-4325	WATER CLOSET WHITE V.C., 1.25 GPF FL. VALVE, WALL HUNG	--	INTEGRAL	SLOAN HET #111-1.25 EXPOSED FL. VA.	SEE NOTES #1, 3, 4 VERIFY SIDE FOR FLUSH VALVE HANDLE
U-1	KOHLER "BARDON" #K-4904-ET	URINAL WHITE V.C., 1.25 GPF FL. VALVE, WALL HUNG	--	INTEGRAL	SLOAN "OPTIMA" HEU #106-0.125 FL. VA.	SEE NOTE #3
L-1	KOHLER "KINGSTON" #K-2032	WALL HUNG 20-3/4" X 18 1/4" WHITE V.C.	DELTA #8CT10S3 MIXING METERING HANDWASH FAUCET	PRO-FLO #FF0912 P-TRAP WITH #FFHGD OFFSET	PRO-FLO #FF57LK12 LOOSE KEY ANGLE STOP	SEE NOTES #3, 4, 5, 6
DF-1	STERN-WILLIAMS #DF-5000	DUAL HEIGHT DRINKING FOUNTAIN WALL HUNG	--	1 1/4" x 1 1/2" (2) PIECE PVC P-TRAP	PRO-FLO #FF57LK12 LOOSE KEY ANGLE STOP	SEE NOTES #3, 4
SS-1	STERN-WILLIAMS #MBS-2424	24" X 24" X 10" MOLDED STONE MOP BASIN	CHICAGO #782-BSCP WMATTS 6A VACUUM BREAKER	--	--	SEE NOTES #2, 3, 6 W/ STRAINER AND 3" OUTLET
HB-1	WOODFORD MODEL #67	EXTERIOR FREEZELESS WALL HYDRANT AUTOMATIC DRAINING	--	--	--	LOOSE TEE KEY, VACUUM BREAKER

- PLUMBING FIXTURE SCHEDULE NOTES:**
- DEMIS #1 655-SS-C, WHITE, OPEN FRONT SEAT, LESS COVER, WITH SELF-SUSTAINING CHECK HINGE.
 - STAINLESS STEEL DUMPER GUARDS, BP STAINLESS STEEL BACK SPLASH, T-35 HOSE AND HOSE BRACKET, T-40 MOP HANGER.
 - INSTALL PER MANUFACTURERS INSTRUCTIONS.
 - MEETS AMERICANS WITH DISABILITIES ACT (A.D.A.) REQUIREMENTS.
 - PROVIDE AND INSTALL TRU-BRO TRAP WRAP #1 03 E-Z P-TRAP COVER AND ONE VALVE SUPPLY COVER WITH OFFSET COVER.
 - COLD WATER ONLY.

- PLAN NOTES:**
- SITE CLEAR EXISTING DOMESTIC COLD WATER SUPPLY PIPING TO EXTERIOR OF BUILDING.
 - SITE CLEAR EXISTING WASTE AND VENT PIPING. SITE CLEAR WASTE PIPING TO EXTERIOR WALL. SITE CLEAR VENT PIPING TO ABOVE CEILING.
 - PROVIDE SYSTEM DRAIN VALVE DISCHARGING INTO NEW SERVICE SINK. SLOPE SUPPLY PIPING SUCH THAT THE PIPING DOWNSIDE OF DRAIN FITTING WILL DRAIN INTO SERVICE SINK FOR WATER STORAGE.
 - PROVIDE NEW COW SUPPLY PIPING UNDERGROUND ROUTED UP INTO ROOM 102.
 - TIE INTO EXISTING SANITARY AT EXTERIOR WALL.
 - TIE INTO EXISTING VENT ABOVE CEILING.
 - LOCATE GRILLE IN SOFFIT. PROVIDE INSECT SCREEN.
 - MOUNT FAN BELOW CEILING.
 - SITE CLEAR EXISTING GAS FIRED SPACE HEATER AND PIPING.

NOTE:
ALL PIPING SHALL BE DRAINABLE. PROVIDE DRAIN VALVES WITH HOSE THREADS AS REQUIRED.

GRILLE AND DIFFUSER SCHEDULE								
TAG	MFR.	MODEL	MATERIAL	NECVDUCT SIZE (IN.)	FACE SIZE (IN.)	PANEL SIZE (IN.)	MAX. NO VALVES	REMARKS
E-1	TITUS	350FL	ALUMINUM	12/6	14/8	--	NC-20	35° DEFLECTION, 3/4" SPACING
E-2	TITUS	350FL	ALUMINUM	14/14	16/16	--	--	35° DEFLECTION, 3/4" SPACING
T-1	TITUS	35FL	ALUMINUM	10/10	12/12	--	--	35° DEFLECTION, 3/4" SPACING



design matters.
somerville
architects engineers
Somerville Inc. | 2100 Riverside Drive, Green Bay, WI 54301-2390
P 920.437.8136 | F 920.437.1131 | www.somervilleinc.com

Revisions	Description	Date

BRASHER PARK SHELTER REMODEL FOR:
CITY OF DE PERE PROJECT 14-14
624 N. WASHINGTON STREET, DE PERE, WISCONSIN
Date: 6/17/14
Project No: 6483
Sheet: **M101**
6/18/2014 2:18:45 PM

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_&_Water_Relay_&_Street\1200-CAD\N Washington\ Washington_P&P.dwg



CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**807 NORTH BROADWAY ST
ACCESS ROUTE**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

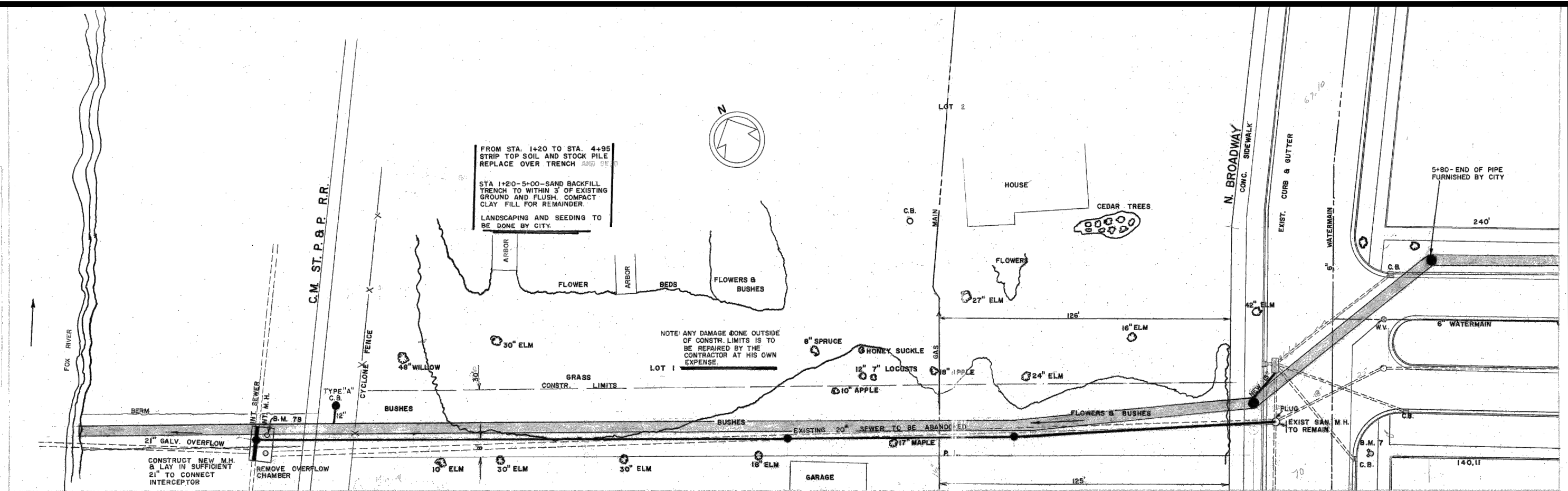
	BY	DATE
SURVEYED	KAD	07-2024
DRAWN	KAD	07-2024
DESIGNED	KAD	07-2024
CHECKED	EPR	07-2024

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

PAGE NO.
C502

DATE	
BY	
CHECKED	
DESIGNED	
DRAWN	
SURVEYED	
PROJECT	
NO.	

DATE	
BY	
CHECKED	
DESIGNED	
DRAWN	
SURVEYED	
PROJECT	
NO.	



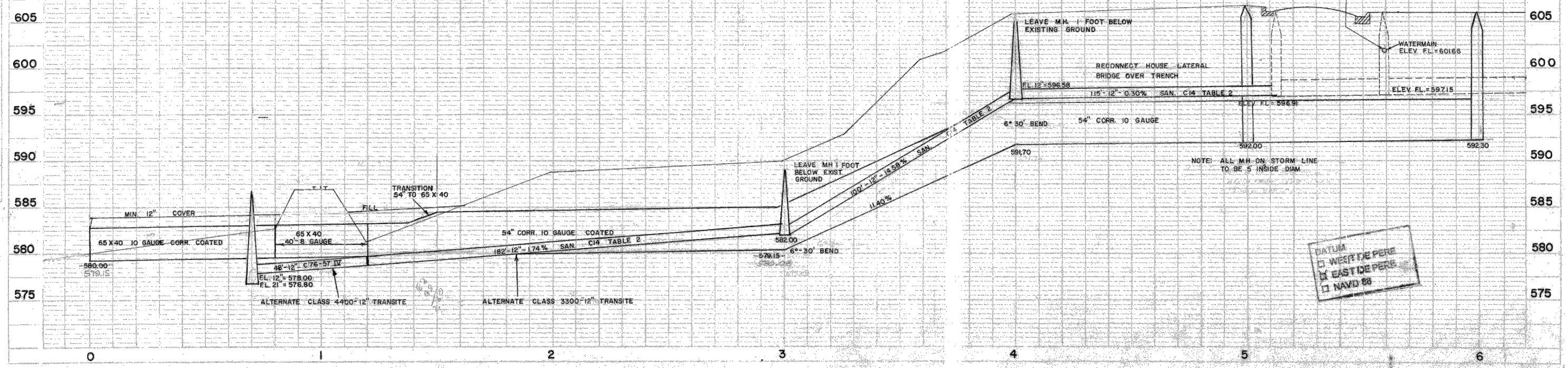
B.M. 7 B - N. M.H. RIM INTERCEPTOR M.H. - 586.69

PLAN
SCALE: 1" = 20'

PROFILE
HORIZ. 1" = 20'
SCALE VERT. 1" = 5'

IMPORTANT !!
NOTE: CITY TO FURNISH PIPE
FOR STORM SEWER FROM
STA 0+00 TO STA 5+80

B.M. 7 BROADWAY & RIDGEWAY BLVD.
S.E. COR. TOP OF CASTING
S. OUTLET FIRE HYD.
ELEV. = 609.57



RIDGEWAY BLVD. TO FOX RIVER STORM & SANITARY SEWERS 16-19-1 SHEET 1



CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

807 NORTH BROADWAY ST
RECORD DRAWINGS

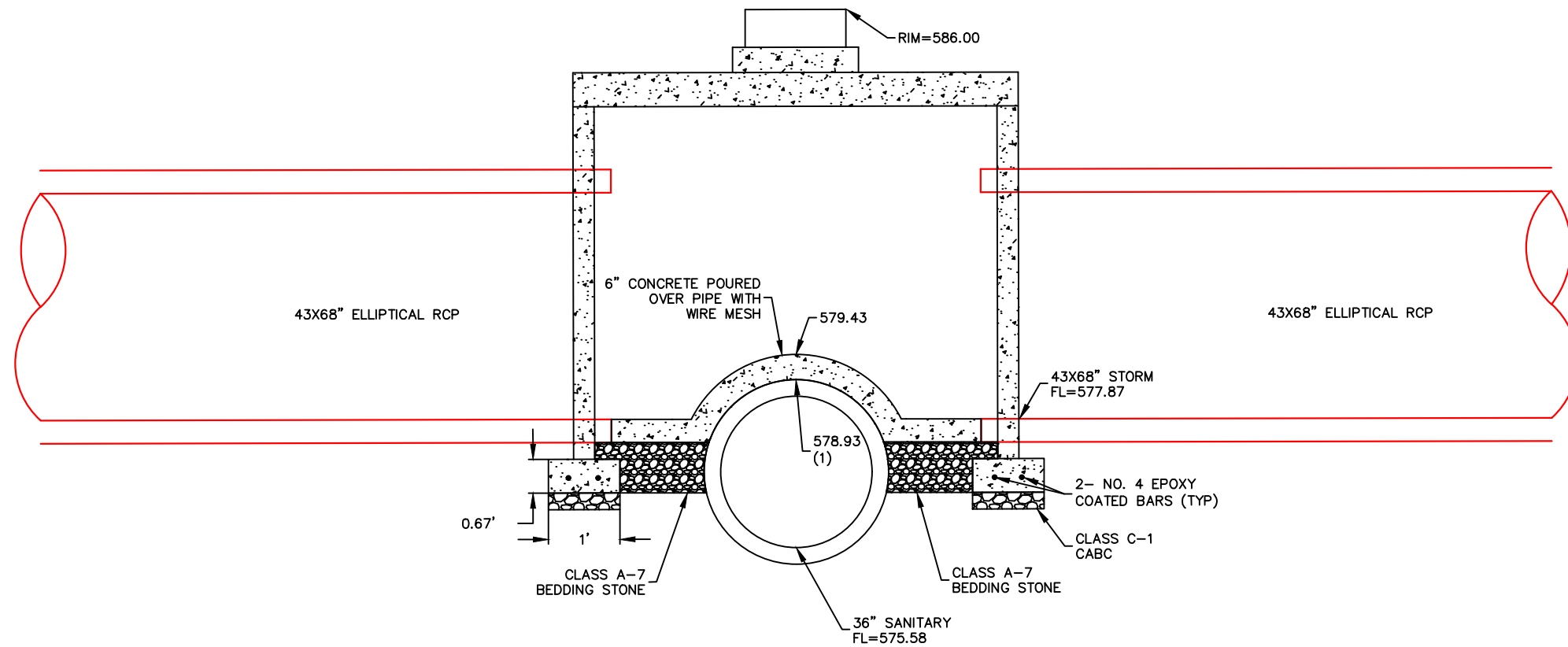
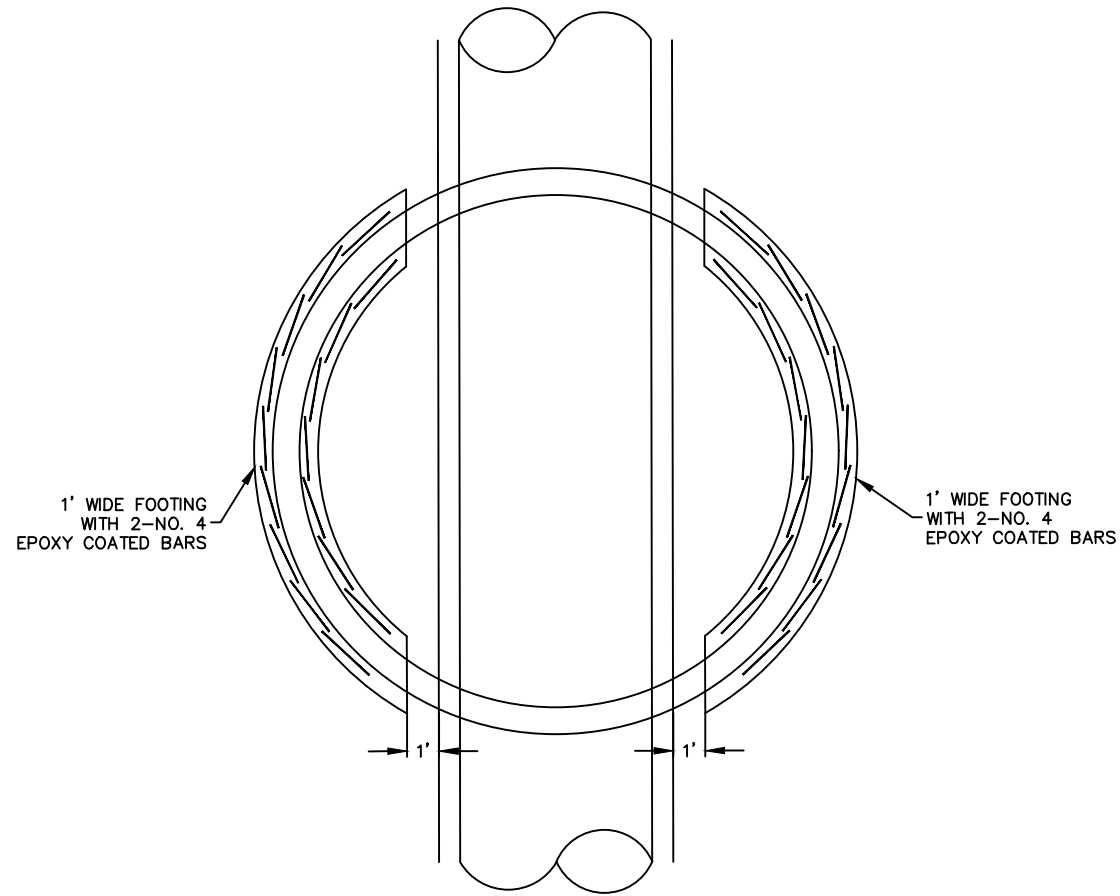
NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

BY	DATE
SURVEYED	KAD 07-2024
DRAWN	KAD 07-2024
DESIGNED	KAD 07-2024
CHECKED	EPR 07-2024

REVISIONS / ISSUES	
NO.	DATE

PAGE
NO.
C503

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_and_Water_Relay_and_Street\1200-CAD\Broadway-Fox River Trail\Broad-FRT_P&P.dwg



(1) ESTIMATED TOP OF OUTSIDE OF 36"



CITY OF DE PERE

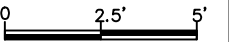
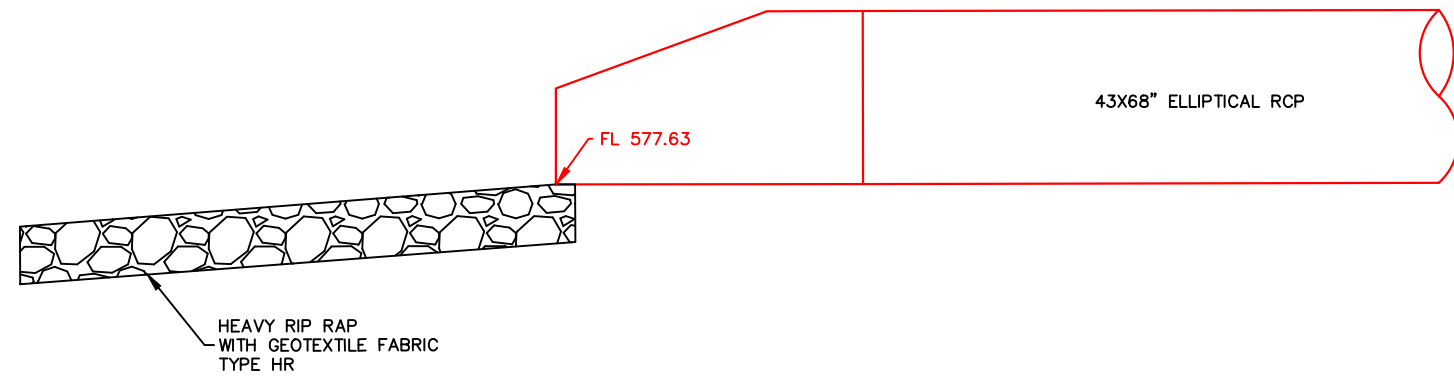
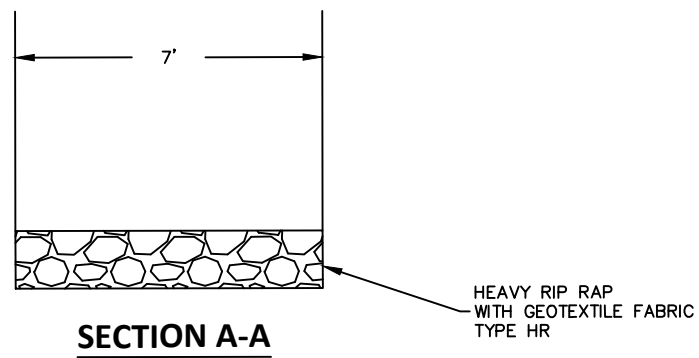
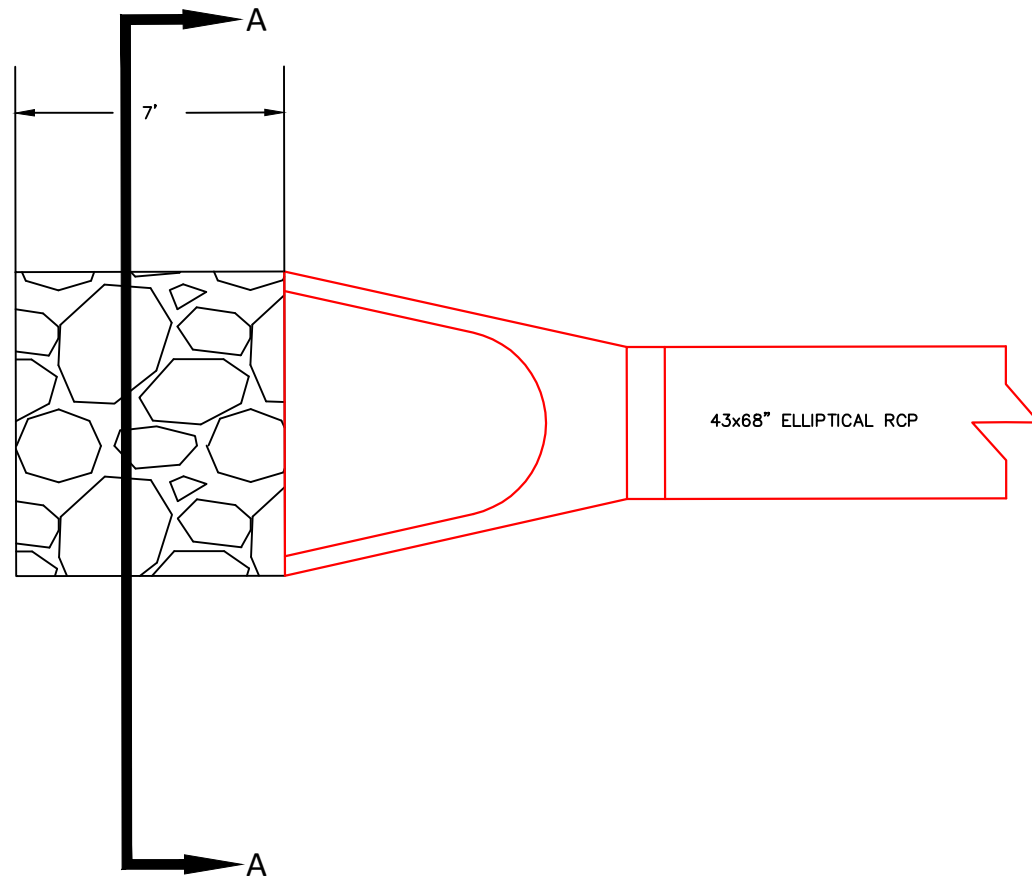
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**807 NORTH BROADWAY ST
CONSTRUCTION DETAILS**

NAME: SEWER AND WATER RELAY AND STREET RESURFACING PROJECT
25-01

	BY	DATE
SURVEYED	KAD	07-2024
DRAWN	KAD	07-2024
DESIGNED	KAD	07-2024
CHECKED	EPR	07-2024

REVISIONS / ISSUES		
NO.	DATE	REMARKS



CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

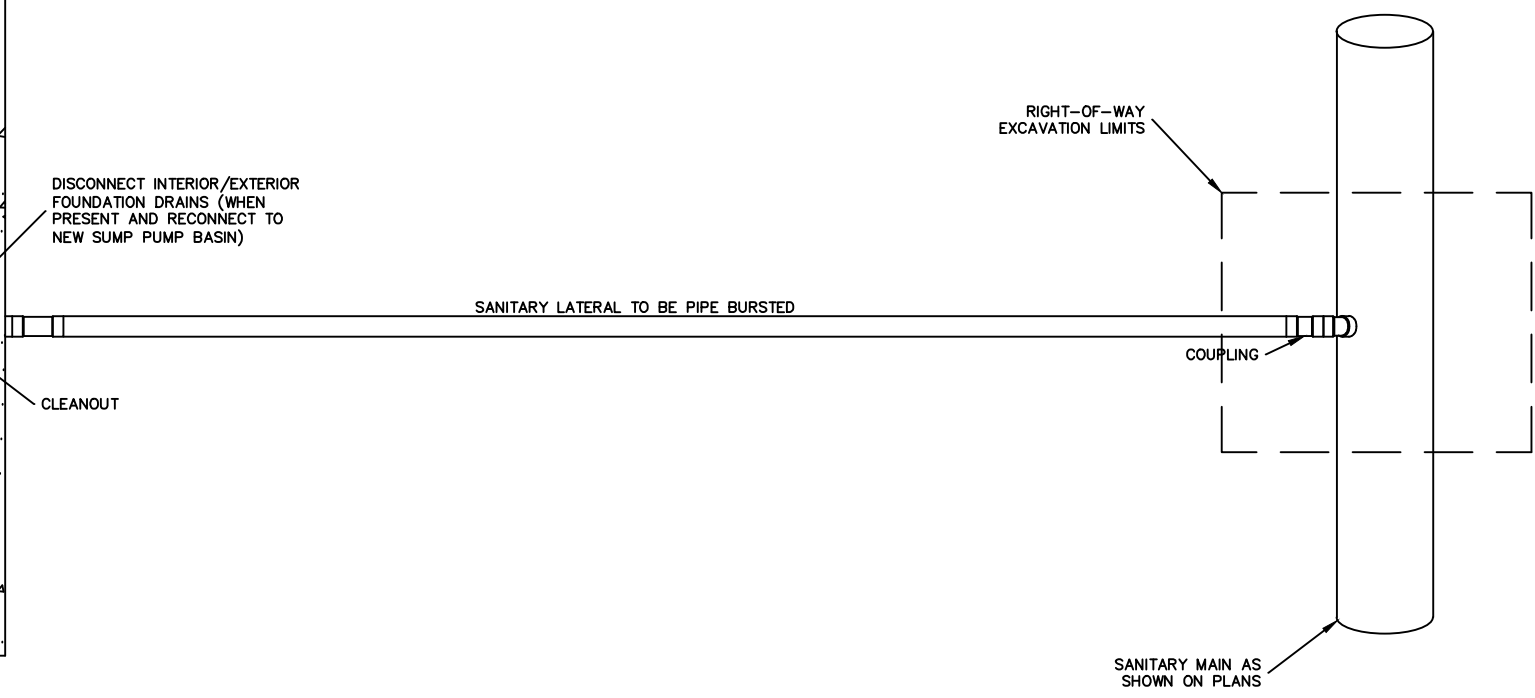
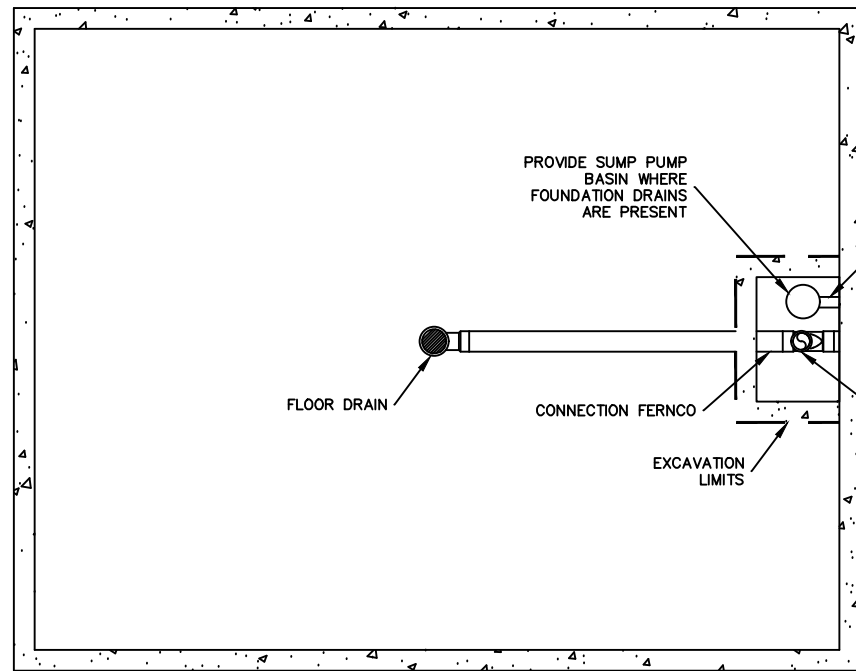
**807 NORTH BROADWAY ST
CONSTRUCTION DETAILS**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT

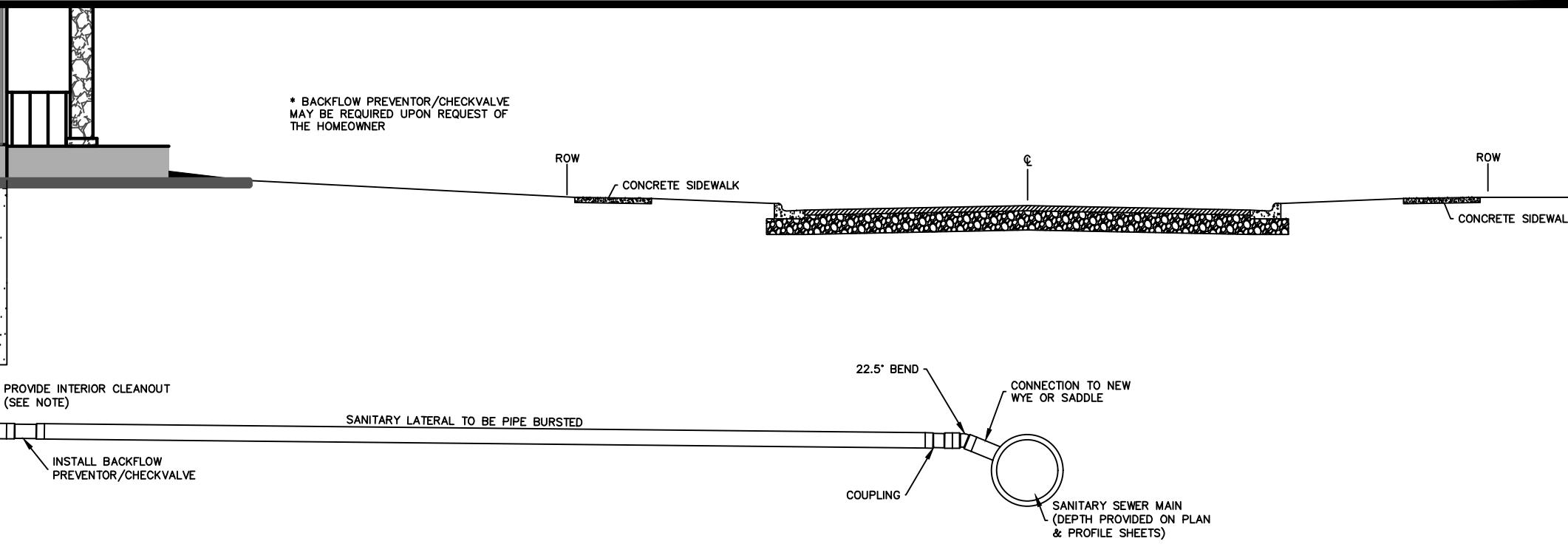
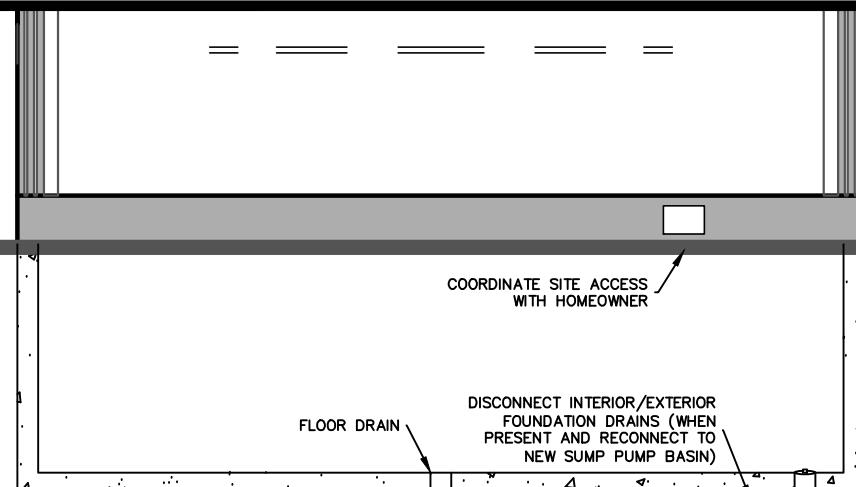
25-01

	BY	DATE
SURVEYED	KAD	07-2024
DRAWN	KAD	07-2024
DESIGNED	KAD	07-2024
CHECKED	EPR	07-2024

REVISIONS / ISSUES		
NO.	DATE	REMARKS



N.T.S.



N.T.S.

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**PIPE BURSTING
CONSTRUCTION DETAIL**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT

25-01

	BY	DATE	REVISIONS / ISSUES		REMARKS
			NO.	DATE	
SURVEYED					
DRAWN					
DESIGNED					
CHECKED	EPR	01-2025			

PAGE NO.
C506

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_&_Water_Relay_&_Street\1200-CAD\CONSTRUCTION DETAILS.dwg

SDD 08F04 Joint Ties for Concrete Pipe and Concrete Collar Detail

GENERAL NOTES
 DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
 CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 2 MAY BE USED FOR CULVERTS. UNLESS OTHERWISE STATED IN THE CONTRACT, THE MATERIALS, FABRICATION AND WORK NECESSARY TO THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON INDIVIDUALLY REQUIRED.
 DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
 JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

① CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.
 ② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.
 ③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.
 ④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.
 ⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.
 ⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.
 ⑦ EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	L ₁	L ₂	N
12-60	3/4"	3/4"	5/8"	5/8"
60-84	3/4"	3/4"	5/8"	5/8"
80-144	1"	1"	7/8"	7/8"

DIMENSIONS SHOWN ARE IN INCHES.

CONCRETE COLLAR DETAIL
 SECTION A - A
 CONCRETE MASONRY COLLAR WHERE REQUIRED TO SEAL PIPE.
 APPROVED: November 2021, R. Rothman, Taylor
 DATE: ROADWAY ENGINEERING DEVELOPMENT ENGINEER

SDD 8e10 Inlet Protection Type A, B, C and D

GENERAL NOTES
 INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
 MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
 WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET, ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
 ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 1/2" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
 ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2x4.

INSTALLATION NOTES
TYPE B & C
 TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.
 THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.
TYPE D
 DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SMALLER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.
 TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.
 THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CRACK THE BAG USING PLASTIC ZIP TIES TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

SDD 08D05-a: Curb Ramps Types 1 and 1-A

GENERAL NOTES
 AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
 DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
 WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.
 TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURBS ON BOTH SIDES OF RAMP.
 DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.
 SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".
 DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
 SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY APPROX BRUISING TRANSVERSE TO THE SLOPE OF THE RAMP.
 ① THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF CURB RAMP SLOPE WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.
 ② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/8" INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE MINIMALLY 1.5% AND NOT TO EXCEED 7% WHEN ADJACENT TO 1.5% LANDING. CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
 ③ MAXIMUM 0.25% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED OUTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
 ④ 40.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
 ⑤ PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA. 2% MAXIMUM SLOPE IN ANY DIRECTION. WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.
 ⑥ PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
 ⑦ PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

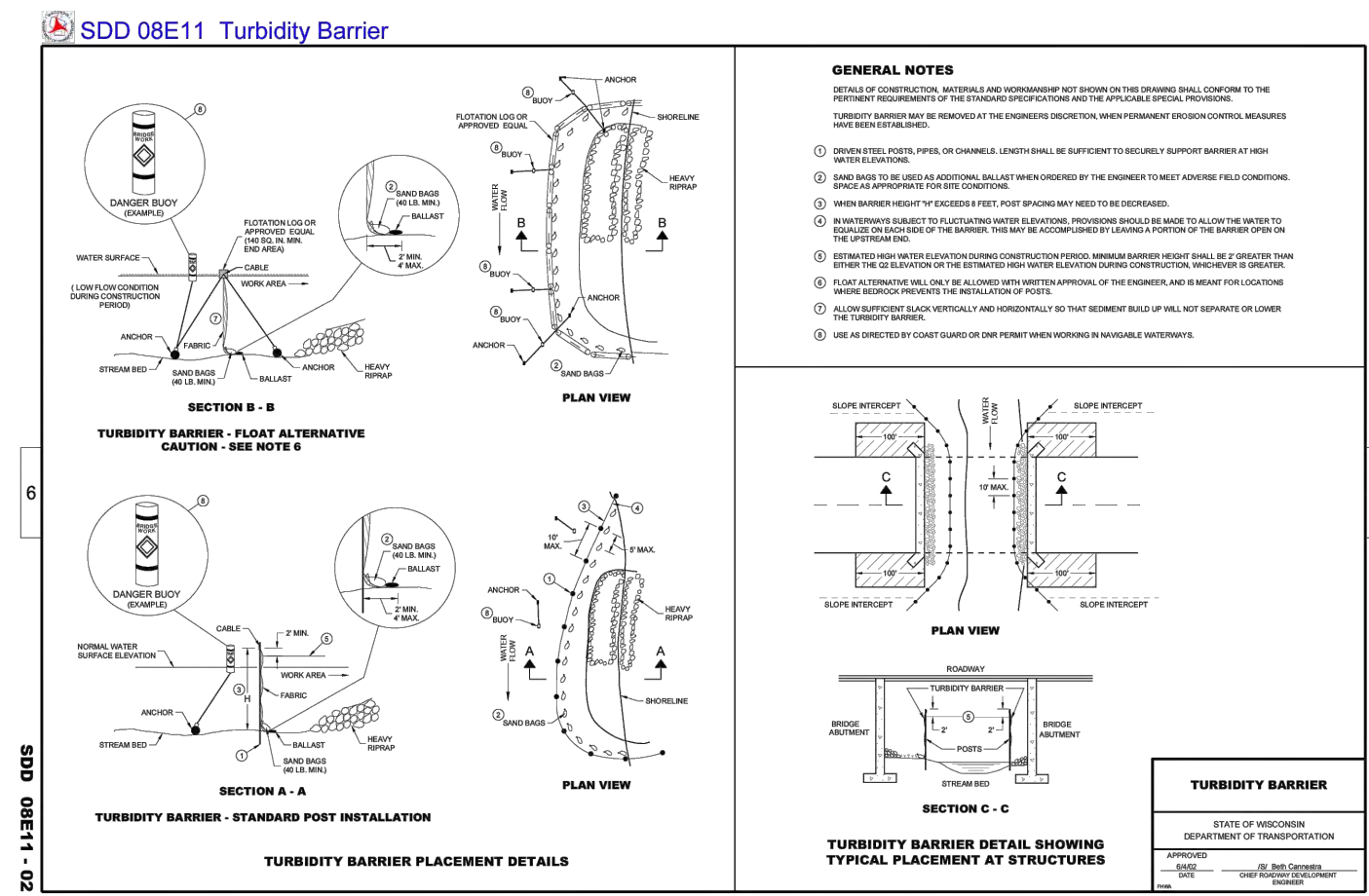
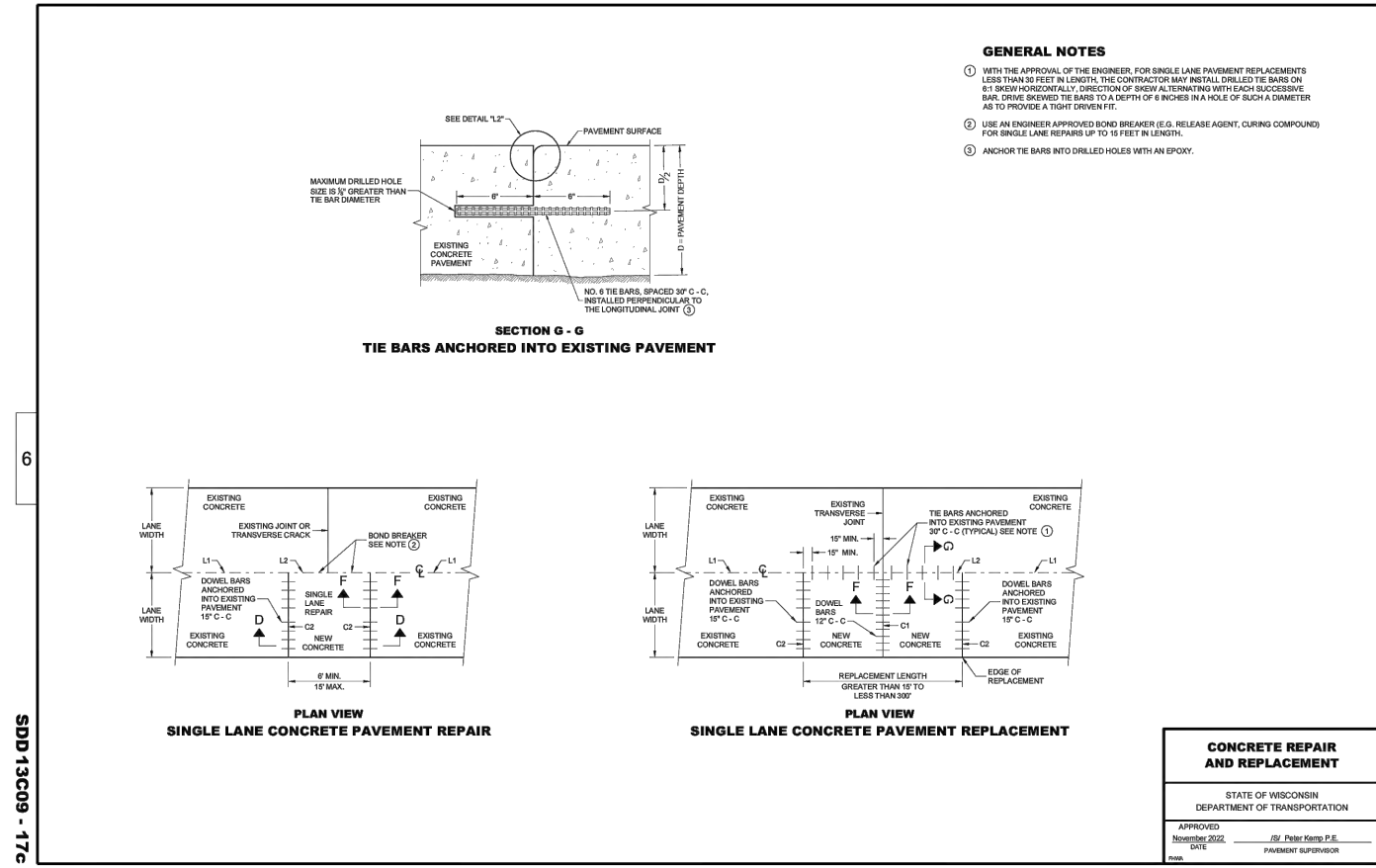
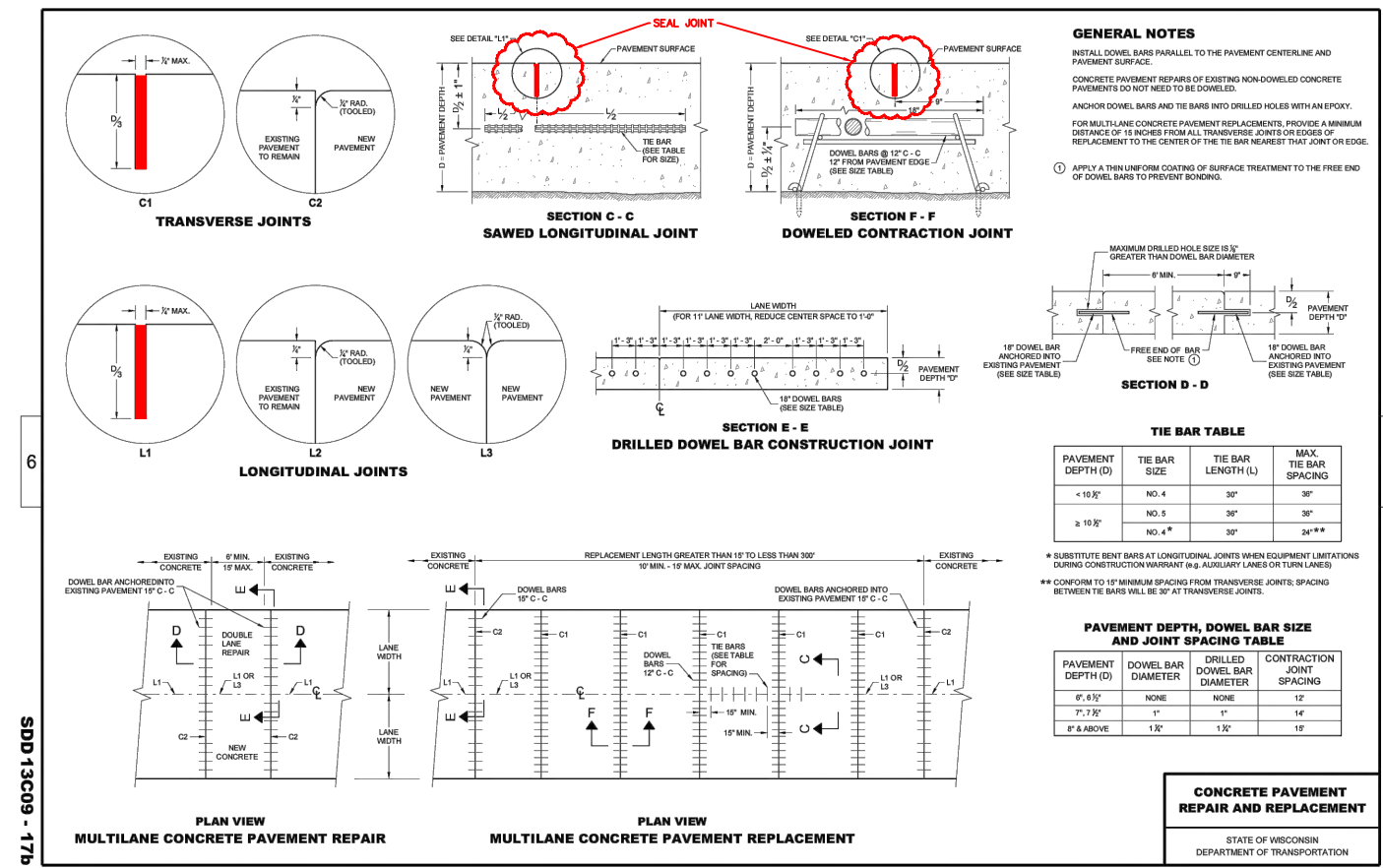
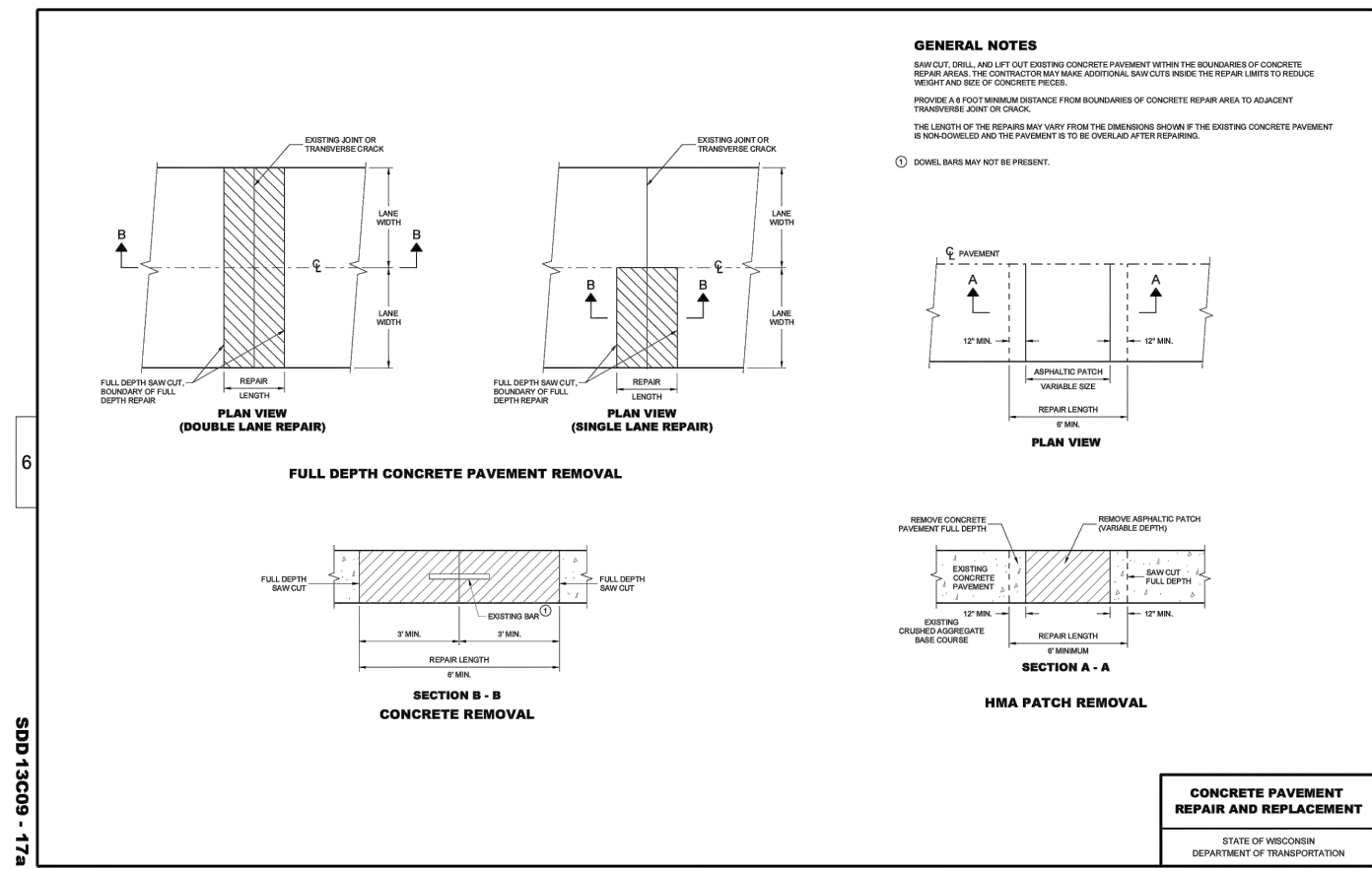
LEGEND
 - - - EXPANSION JOINT SIDEWALK
 - - - CONTRACTION JOINT FIELD LOCATED
 - - - PAVEMENT MARKING CROSSWALK (WHITE)

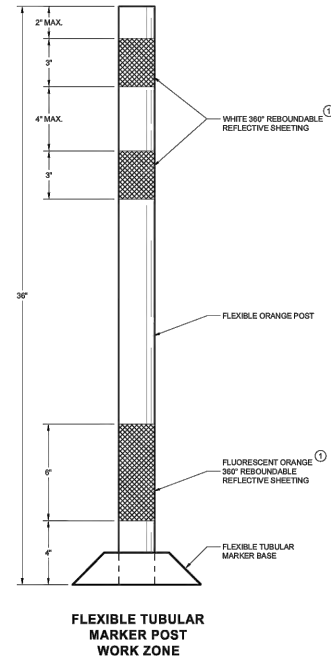
SDD 08D05-b Curb Ramps Types 2 and 3

GENERAL NOTES
 AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
 DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
 DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.
 ② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/8" INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE MINIMALLY 1.5% AND NOT TO EXCEED 7% WHEN ADJACENT TO 1.5% LANDING. CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
 ③ AN 0.25% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED OUTER FLAG SLOPE (2.6% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.
 ④ 40.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
 ⑤ PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
 ⑥ WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 805-4.
 ⑦ PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
 ⑧ WHEN DISTANCE IS LESS THAN 6'-0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 1/2" MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

LEGEND
 - - - EXPANSION JOINT SIDEWALK
 - - - CONTRACTION JOINT SIDEWALK
 - - - PAVEMENT MARKING CROSSWALK (WHITE)

X:\ENG\Projects\City Projects\2025\Project 25-01-Sewer_&_Water_Relay_&_Street\1200-CAD\CONSTRUCTION DETAILS.dwg





FLEXIBLE TUBULAR MARKER POST WORK ZONE

GENERAL NOTES

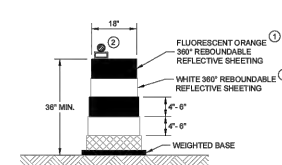
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
 SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.
 THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

- ① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

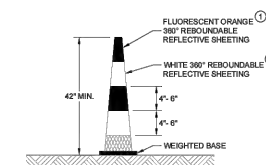
**CHANNELIZING DEVICES
FLEXIBLE TUBULAR
MARKER POST**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
APPROVED
November 2022 */s/ Andrew Heitke*
DATE WORK ZONE ENGINEER

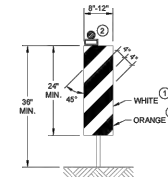
SDD 15C11 - 10a



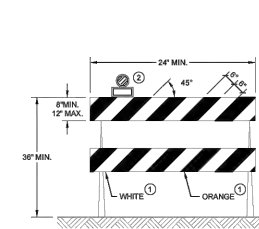
DRUM
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE
DO NOT USE IN TAPERS
1/3 SPACING OF DRUMS
BALLAST WIDTHS
RANGE FROM 14"-20"

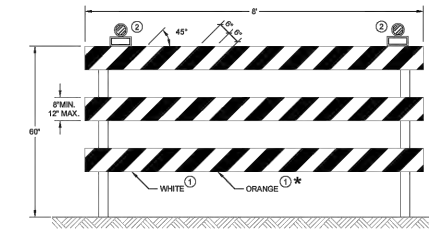


VERTICAL PANEL
THE STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

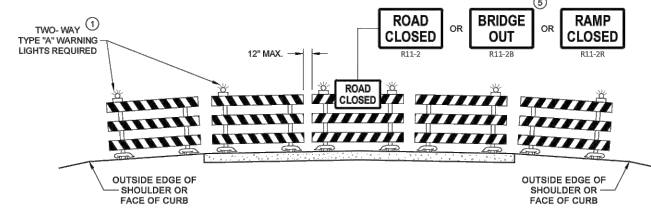
IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.
 * IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

**CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS**

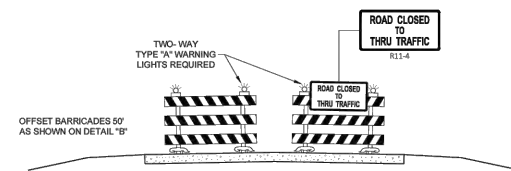
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
APPROVED
November 2022 */s/ Andrew Heitke*
DATE WORK ZONE ENGINEER

SDD 15C11 - 10b

SDD 15C02-b Barricades and Sign for Various Closures



**DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW**



**DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW**

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
 ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.
 THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.
 BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.
 SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.
 ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.
 TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.
 THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.
 "W" AND "M" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
 ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
 R11 - 2 SHALL BE 48" X 30"
 R11 - 3 SHALL BE 30" X 24"
 M4 - 9 SHALL BE 30" X 24"
 M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
 M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
 M1 - 4, M1 - 5A AND M1 - 8 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
 M05 - 1 AND M05 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
 D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
 R1 - 1 SHALL BE 36" X 30"

- ① TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING).
- ② THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.
- ③ FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".
- ④ FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".
- ⑤ FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.
- ⑥ INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.
- ⑦ "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

**BARRICADES AND SIGNS
FOR
VARIOUS CLOSURES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
APPROVED
February 2020 */s/ Andrew Heitke*
DATE WORK ZONE ENGINEER

SDD 15C02 - 08b

CITY OF DE PERE

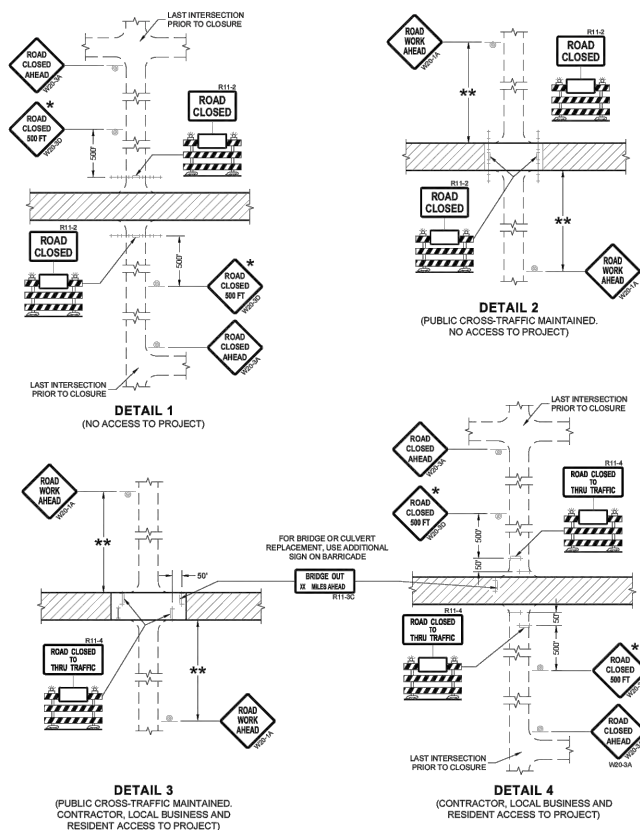
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

**TRAFFIC CONTROL
DETAILS**

NAME:
SEWER AND WATER RELAY
AND STREET RESURFACING
PROJECT
25-01

BY	DATE	REVISIONS / ISSUES		REMARKS
		NO.	DATE	
SURVEYED				
DRAWN	KAD	01-2025		
DESIGNED				
CHECKED	EPR	01-2025		

SDD 15C03 Barricades and Signs for Sideroad Closures



GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "N" USE SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "X" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R1-1.2, R1-1.3, AND R1-1.4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
 R1-1.2 SHALL BE 48" X 20".
 R1-1.4 AND R1-1.3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 800 FT" SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.
 ** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

LEGEND

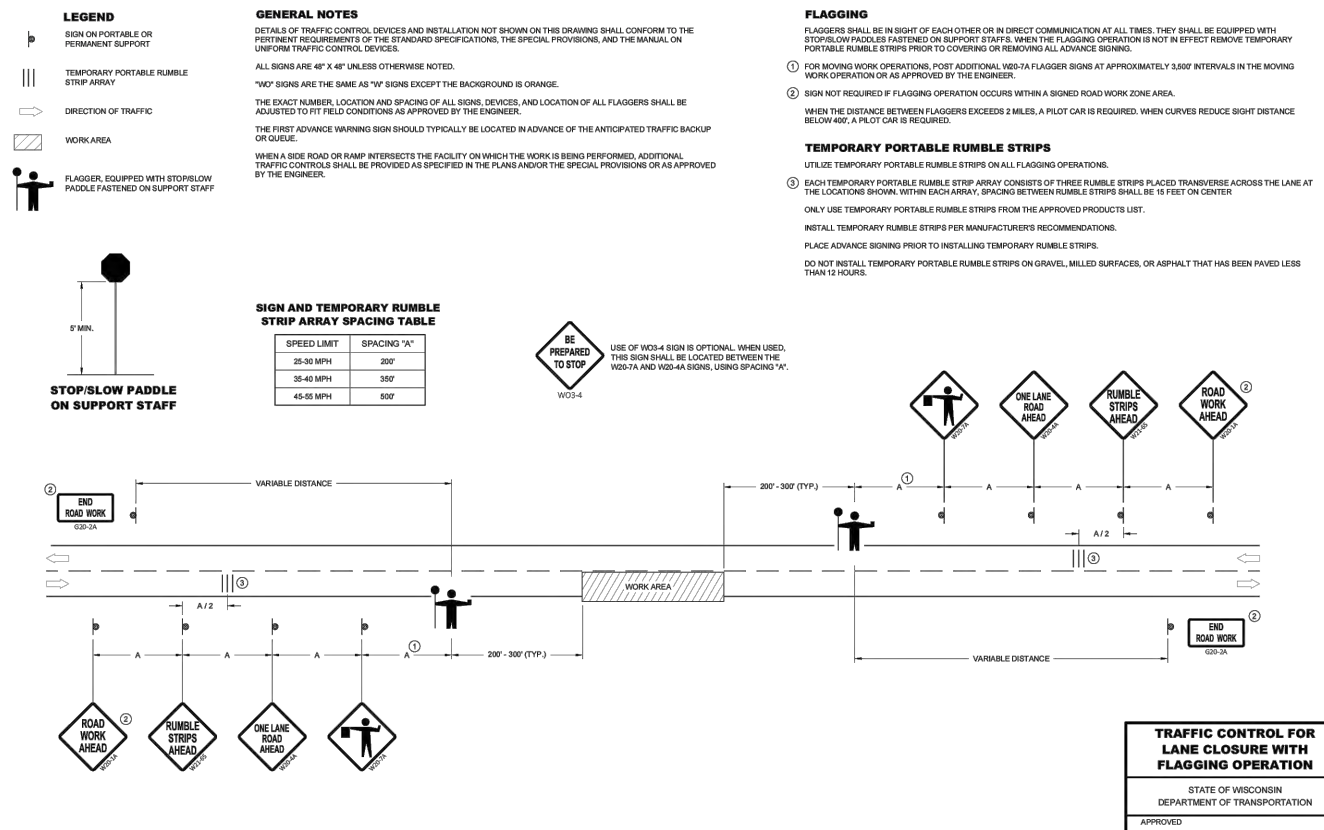
- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE "X" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

APPROVED: /S/ Andrew Hestler
 DATE: WORK ZONE ENGINEER

SDD 15C12-a Traffic Control for Lane Closure With Flagging Operation



LEGEND

- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TEMPORARY PORTABLE RUMBLE STRIP ARRAY
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"W" SIGNS ARE THE SAME AS "V" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

① FOR MOVING WORK OPERATIONS, POST ADDITIONAL W60-7A FLAGGER SIGNS AT APPROXIMATELY 3.50X INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN WITH EACH ARRAY. SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER.

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

APPROVED: /S/ Andrew Hestler
 DATE: WORK ZONE ENGINEER