



Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

## HARVEY STREET AND SCHMITT PLACE ASSESSMENT DISTRICT-2023

CITY PROJECT NO. 14081  
CONTRACT NO. 8711

**INDEX OF SHEETS**

SHEET NO.	TITLE
1	
D1-D3	TYPICAL SECTIONS
EC1-EC3	EROSION CONTROL
P1-P5	STREET PLAN & PROFILE
U1-U3	UTILITY PLAN & PROFILES
U4	SANITARY SCHEDULE
U5	STORM SCHEDULE
W1-W3	WATER PLAN & PROFILE
W4-W5	WATER IMPACT PLAN
W6	WATER ESTIMATES OF MATERIALS
X1-X23	CROSS SECTIONS

**CONVENTIONAL SIGNS**  
FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	▣
COMBUSTIBLE FLUIDS	☀



**PROJECT  
LOCATION**

**REVISION HISTORY**

REVISION#1	- 01/31/24 - IO
REVISION#2	- 02/28/24 - TAC
REVISION#3	- 03/06/24 - IO
REVISION#4	- 04/16/24 - TAC

**NOTES:**

SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE THE STREET GRADES EXCEED 5.00%.

CITY MAINTENANCE PLAN NOT REQUIRED

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

**EARTH WORK SUMMARY:**

MEASURED PLAN QUANTITY	= 1765 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT	= 935 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT	= 2700 C.Y.

PUBLIC IMPROVEMENT PROJECT  
APPROVED

APPROVED DATE: NOVEMBER 7, 2023

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

*[Signature]* Nov, 13, 2023

City Engineer Date

STREET  
DESIGNED BY:



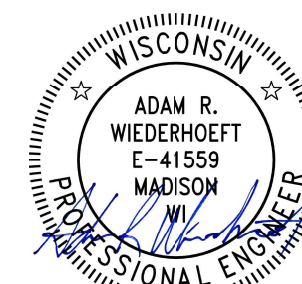
Nov 10, 2023

STORM SEWER  
DESIGNED BY:



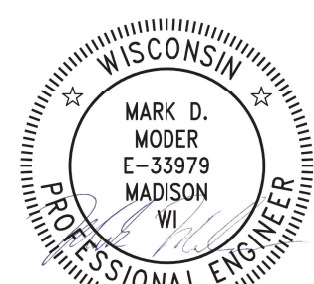
Nov 10, 2023

WATER  
DESIGNED BY:

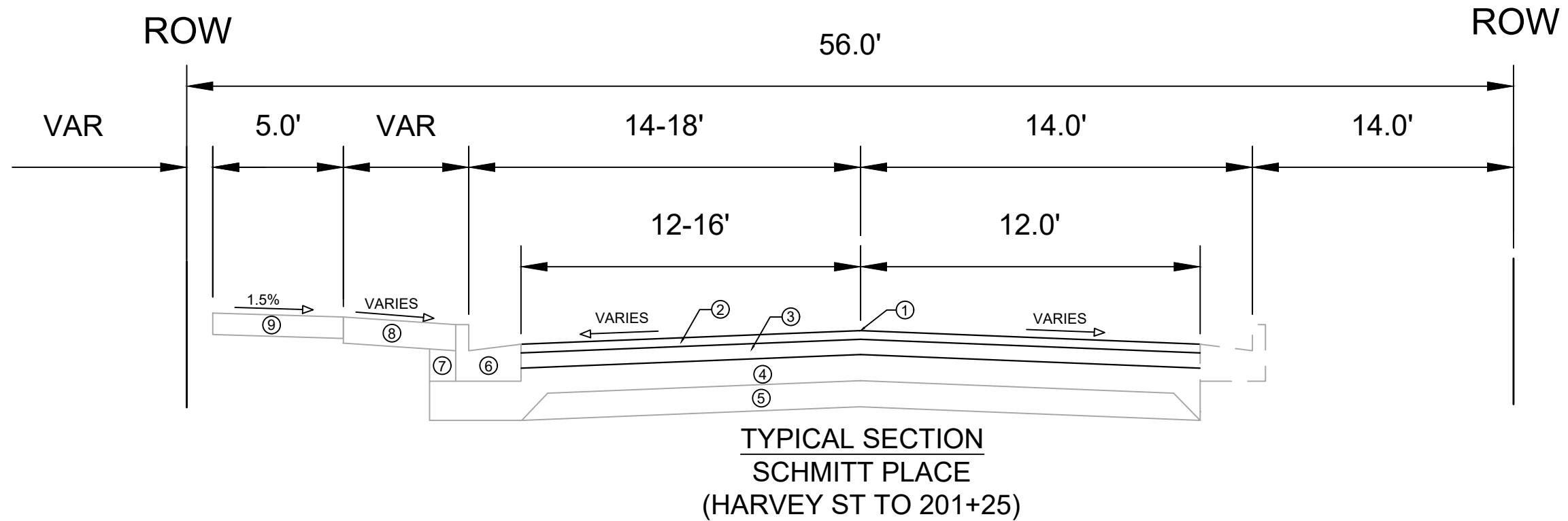
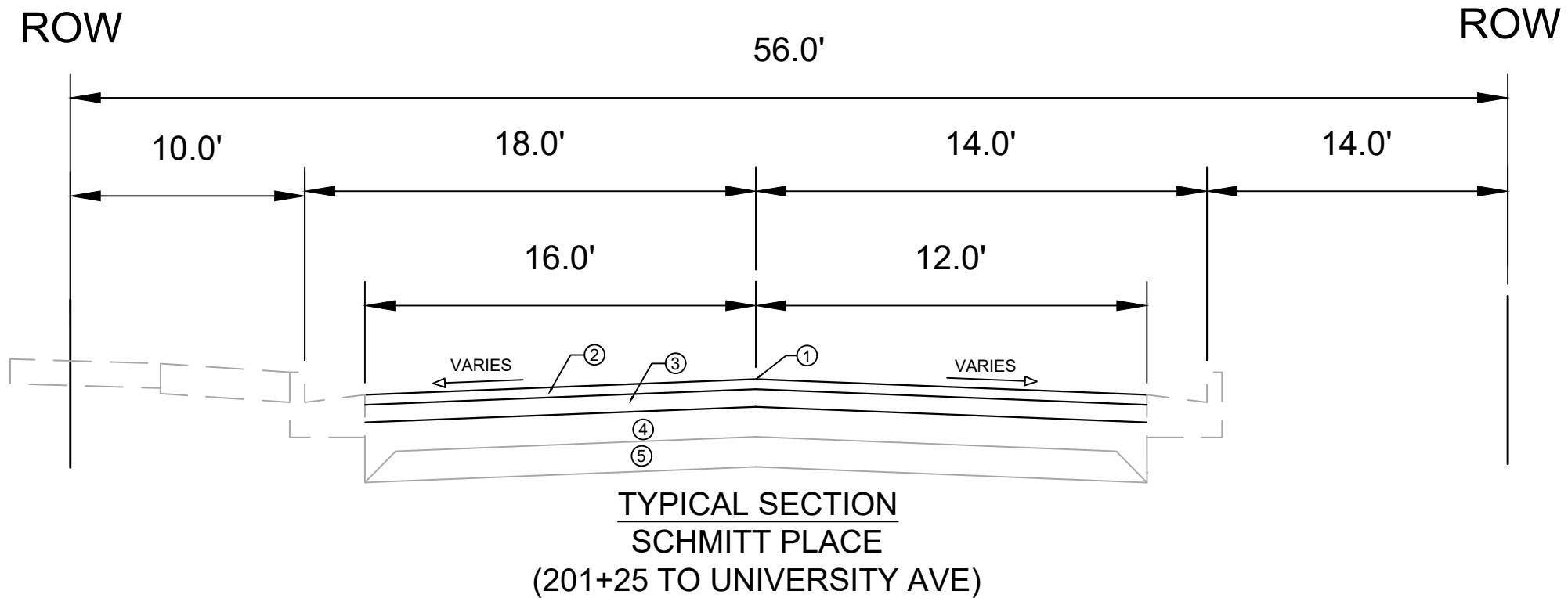


Nov 10, 2023

SANITARY SEWER  
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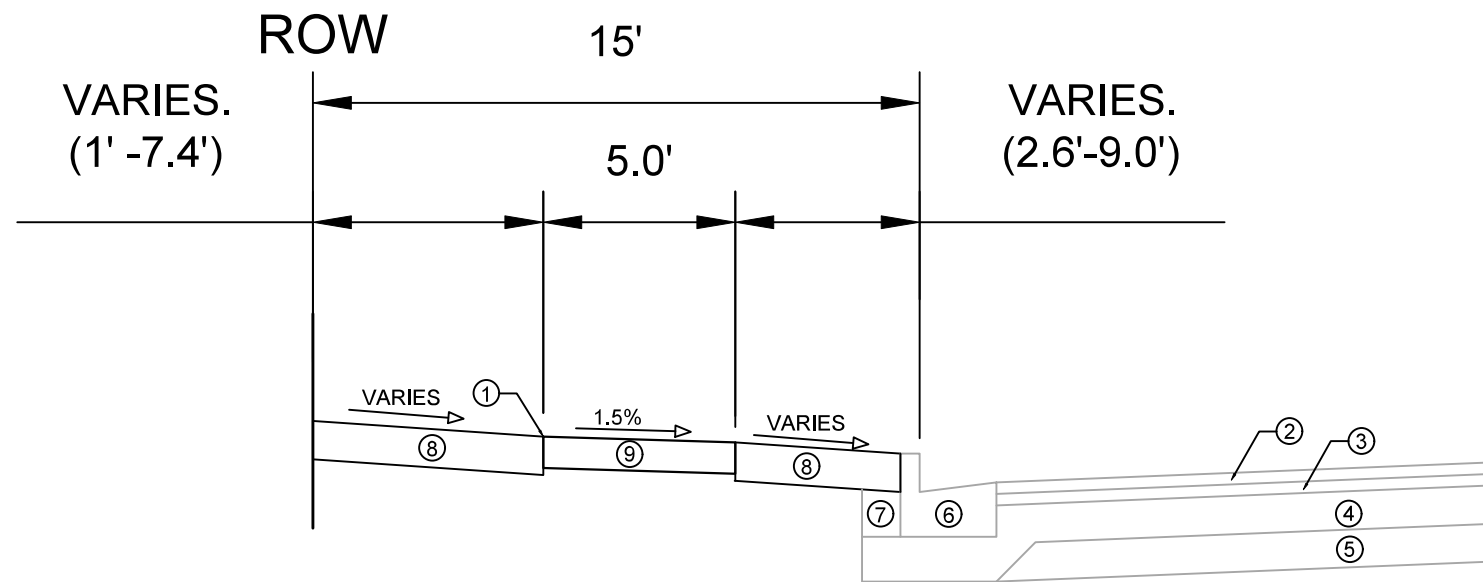


Nov 10, 2023



- ① POINT REFERRED TO ON PROFILE
  - ② 3.5" HMA PAVEMENT- TYPE 3 MT 58-28 S
  - ③ 2.0" HMA PAVEMENT- TYPE 4 MT 58-28 S
  - ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
  - ⑤ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE
  - ⑥ TYPE 'A' OR TYPE 'A' MOUNTABLE CURB AND GUTTER
  - ⑦ FILL INCIDENTAL TO CURB AND GUTTER INSTALLATION
  - ⑧ 6" TOPSOIL, SEED AND MATTING OR 7" CONCRETE TERRACE
  - ⑨ 5" CONCRETE SIDEWALK
- NOT TO SCALE**

14081	MADISON, WI	8711	D-1
TYPICAL SECTIONS		CONTRACT NO:	
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION			
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14081		D-1	



**TYPICAL SECTION  
HARVEY STREET  
(BLACKHAWK AVE TO STA 109+83)**

- ① POINT REFERRED TO ON PROFILE
- ② EXISTING 1.75" HMA PAVEMENT- TYPE 4 LT 58-28 S TO REMAIN
- ③ EXISTING 1.75" HMA PAVEMENT- TYPE 4 LT 58-28 S TO REMAIN
- ④ EXISTING 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE TO REMAIN
- ⑤ EXISTING 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE TO REMAIN
- ⑥ EXISTING TYPE 'A' CURB AND GUTTER TO REMAIN
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER INSTALLATION
- ⑧ 6" TOPSOIL, SEED AND MATTING  
5" CONCRETE SIDEWALK

**NOT TO SCALE**

MARK	REVISION	DATE	BY
14081	R1	5/31/2022	PDG
Designed By: IC	Date: 5/31/2022	Scale:	D-2

**14081**  
**TYPICAL SECTION**  
**HARVEY STREET & SCHMITT PLACE RECONSTRUCTION**  
**MADISON, WI**  
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**CONTRACT NO: 8711**

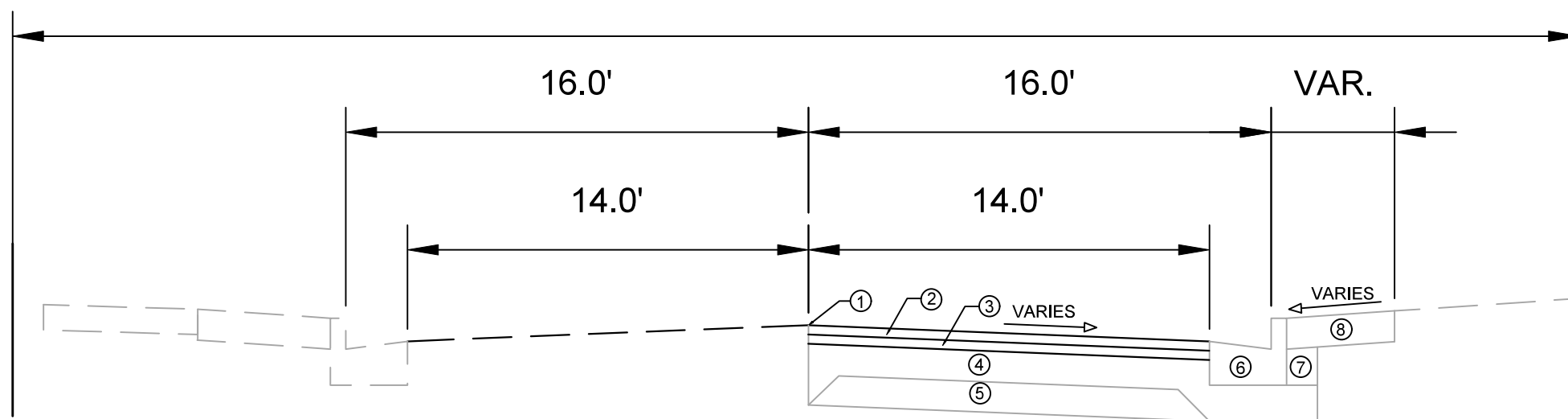


**14081**  
**D-2**

ROW

49.5'-60.0'

ROW

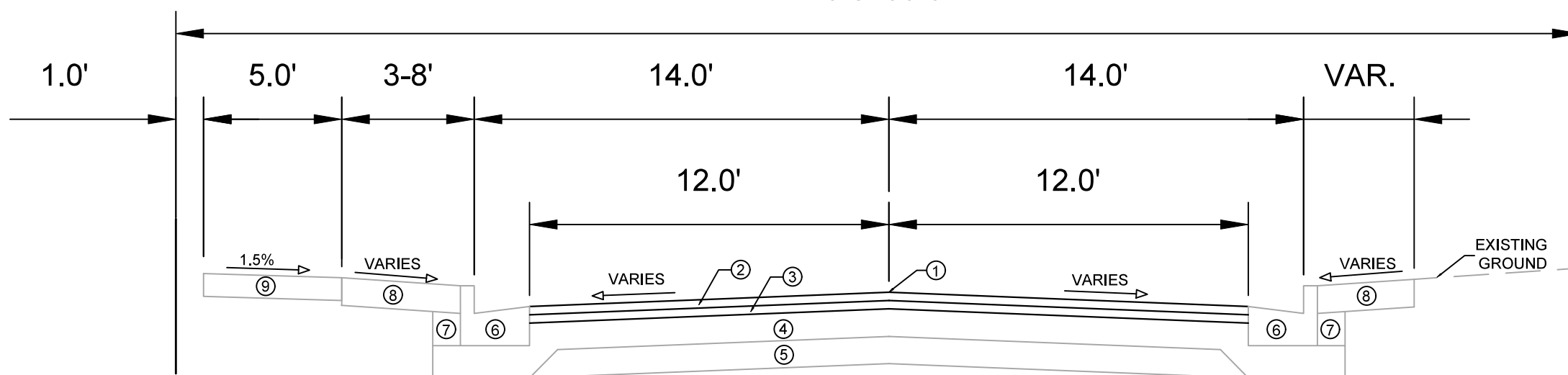


TYPICAL SECTION  
 HARVEY STREET  
 (118+47 TO RIDGE ST)

ROW

49.5'-60.0'

ROW



TYPICAL SECTION  
 HARVEY STREET  
 (STA 113+23 TO STA 118+47)

- ① POINT REFERRED TO ON PROFILE
- ② 1.75" HMA PAVEMENT- TYPE 4 LT 58-28 S
- ③ 1.75" HMA PAVEMENT- TYPE 4 LT 58-28 S
- ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
- ⑤ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE
- ⑥ TYPE 'A' CURB AND GUTTER
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER INSTALLATION
- ⑧ 6" TOPSOIL, SEED AND MATTING
- ⑨ 5" CONCRETE SIDEWALK

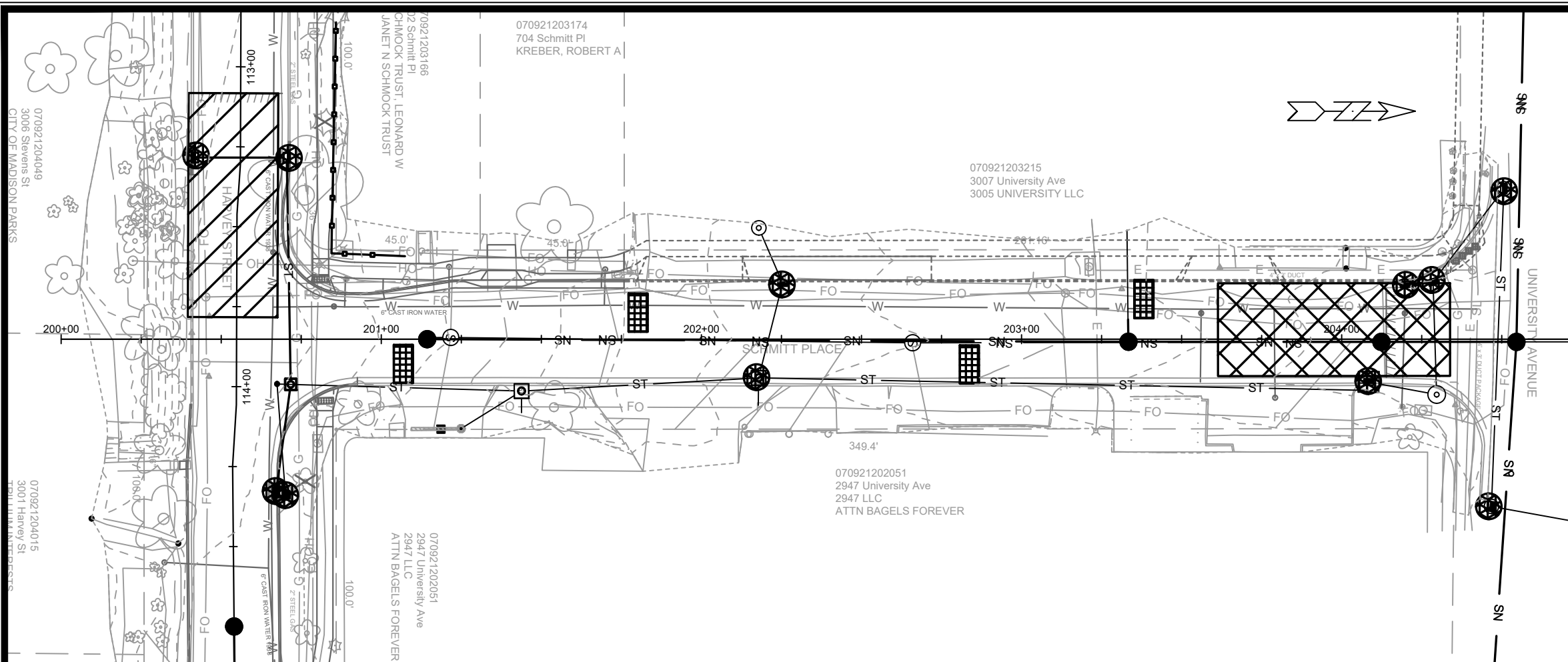
NOT TO SCALE

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Scale:			D-3

14081  
 MADISON, WI  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
 CONTRACT NO: 8711  
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14081  
 D-3



**EROSION CONTROL NOTES:**

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.






THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH TEH WDNRSOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.


THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

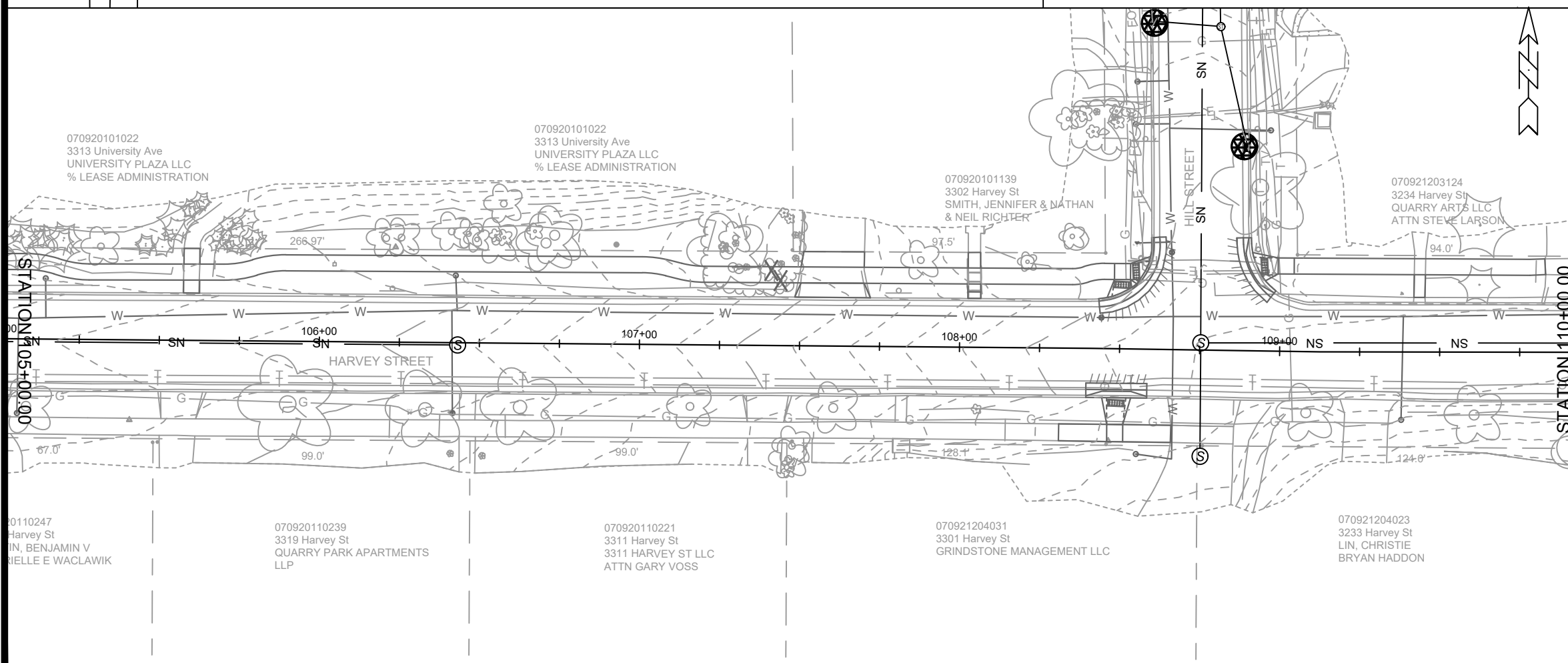
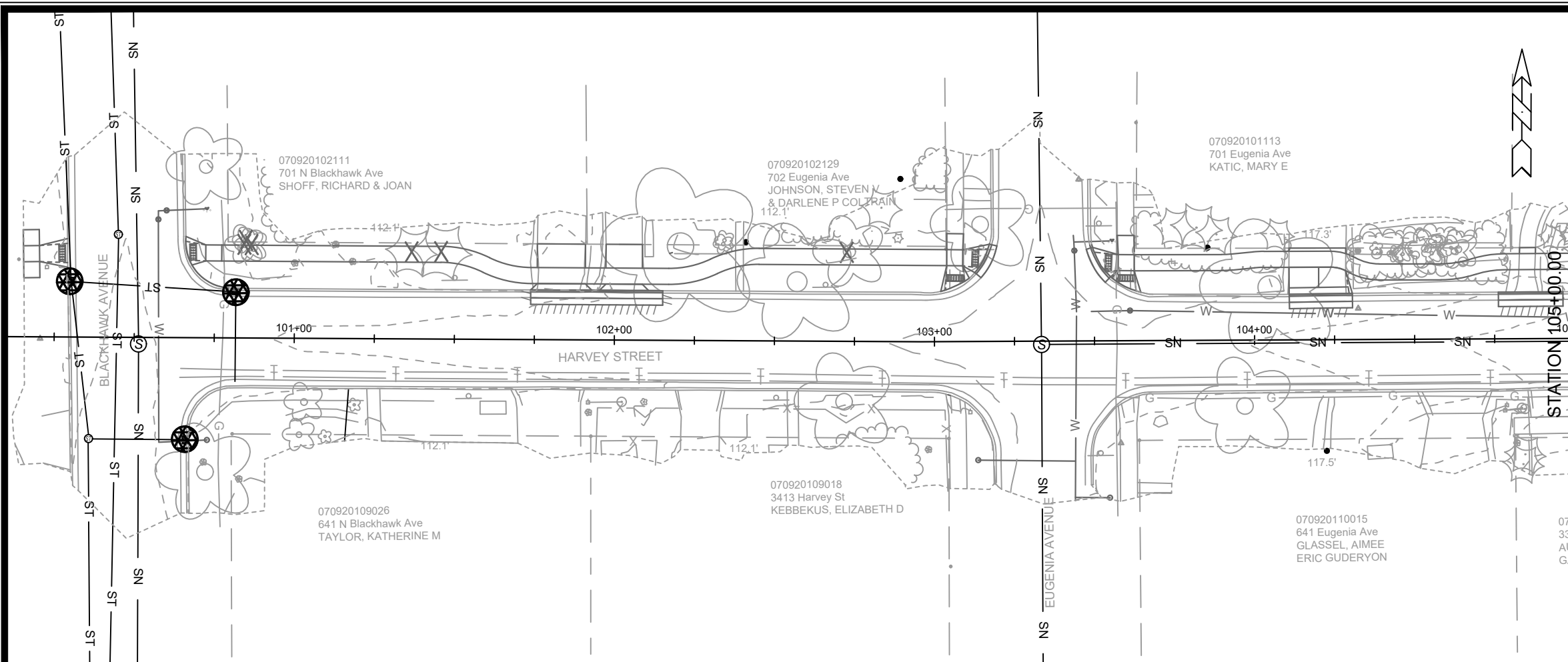
INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

**LEGEND**

-  SILT FENCE  
(SILT SOCK CAN BE SUBSTITUTED FOR SILT FENCE)
-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  RIGID FRAME INLET PROTECTION
-  STREET CONSTRUCTION STONE BERM

<b>EROSION CONTROL - SCHMITT PLACE</b>	<b>14081</b>	<b>MADISON, WI</b>	<b>EC-1</b>
<b>HARVEY STREET &amp; SCHMITT PLACE RECONSTRUCTION</b>			
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<b>14081</b>		<b>EC-1</b>	



**EROSION CONTROL NOTES:**

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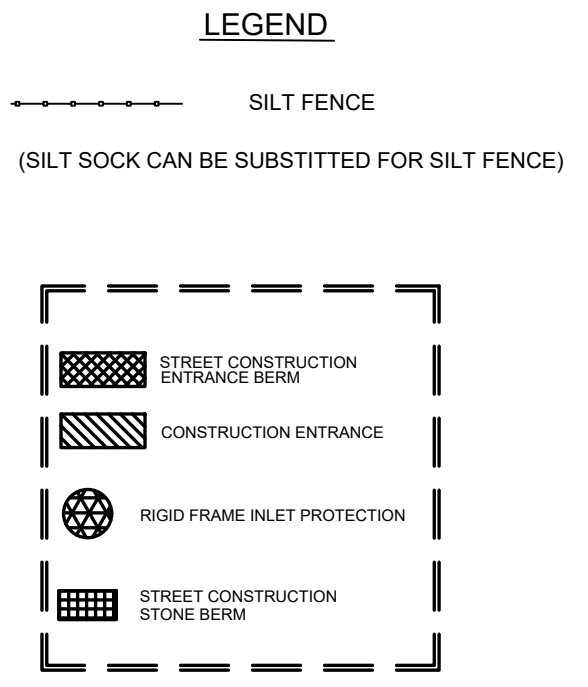
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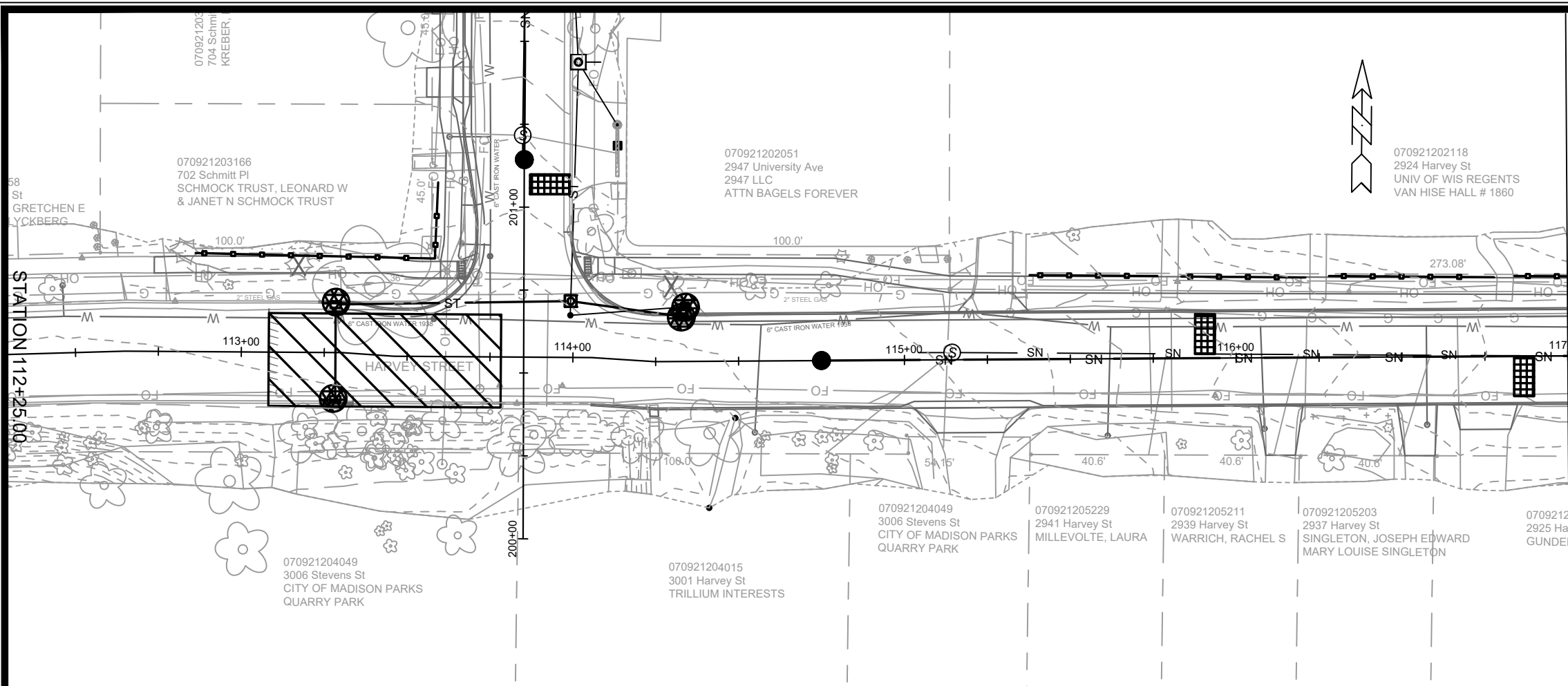
THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

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POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



DATE	BY
REVISION	DATE
DESIGNED BY: TAC	DATE: 2/22/2024 9:55 AM
MARK	14081
<b>EROSION CONTROL - HARVEY STREET</b> <b>HARVEY STREET &amp; SCHMITT PLACE RECONSTRUCTION</b>	
14081	8711
CONTRACT NO.: 8711	
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<b>14081</b> <b>EC-2</b>	



MATCH LINE 117+00.00

**EROSION CONTROL NOTES:**

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

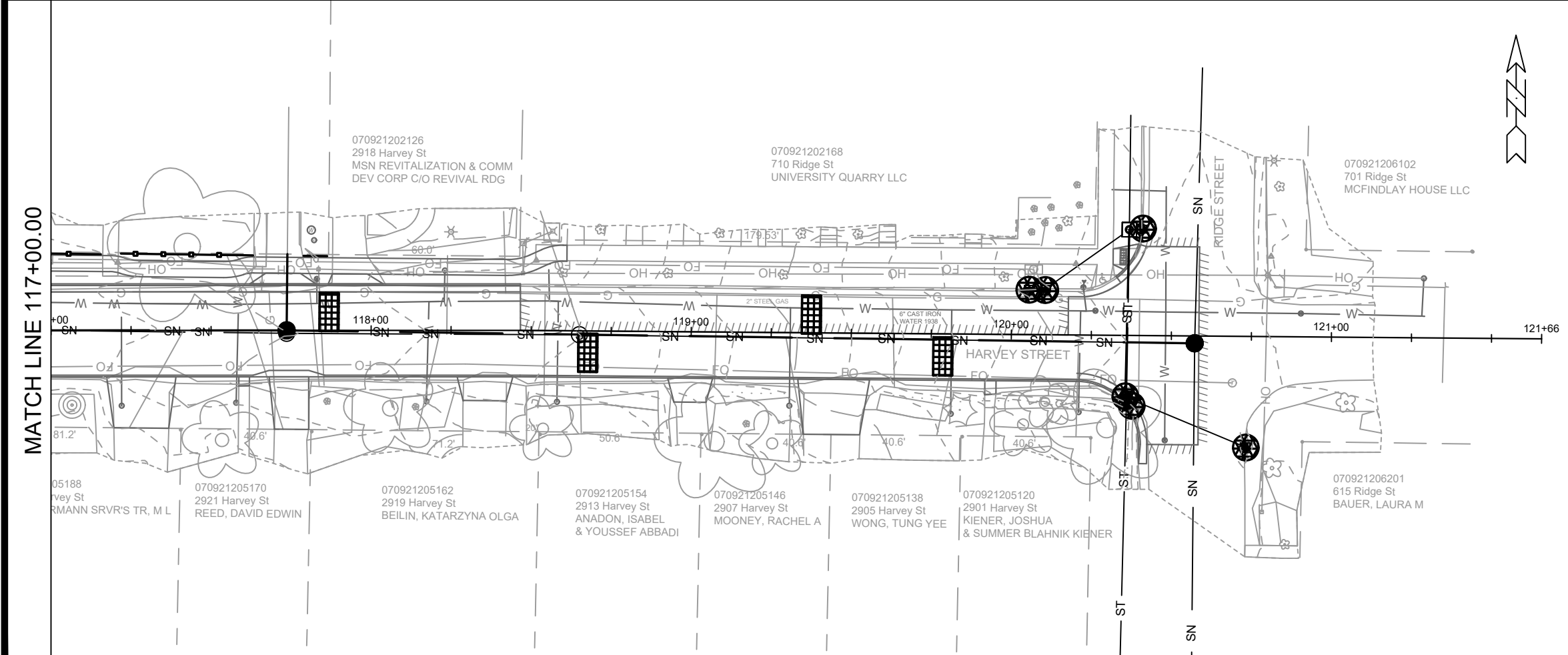
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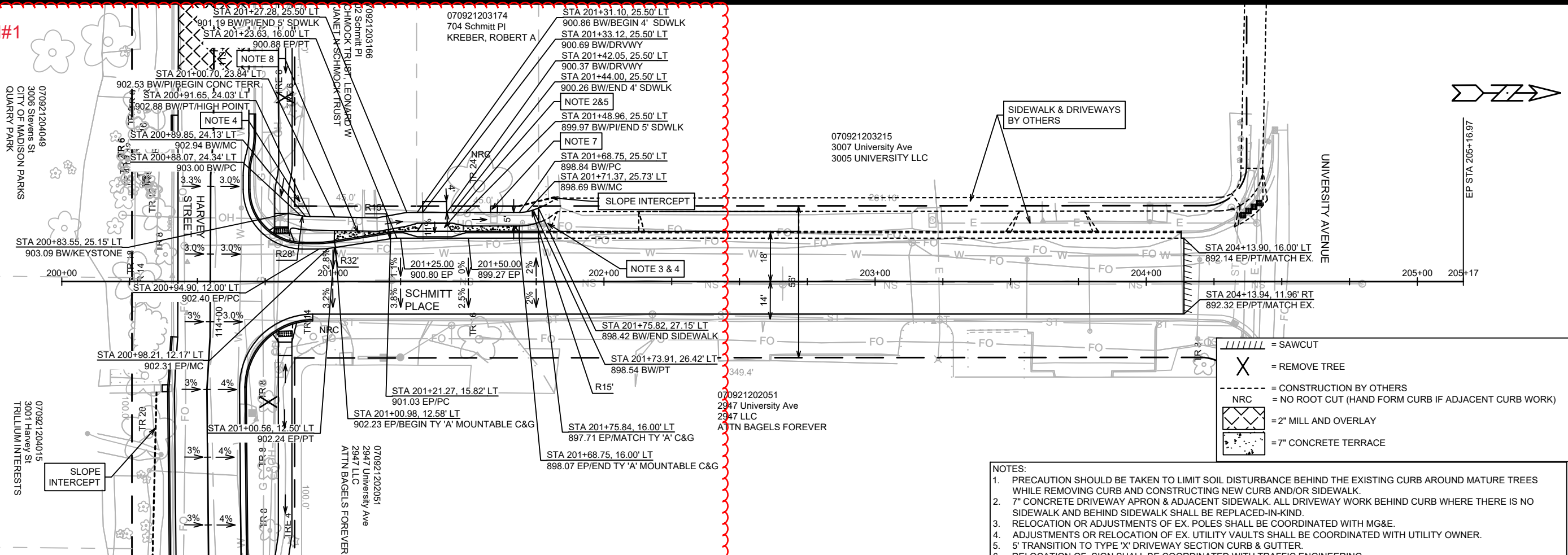
MATCH LINE 117+00.00

**LEGEND**

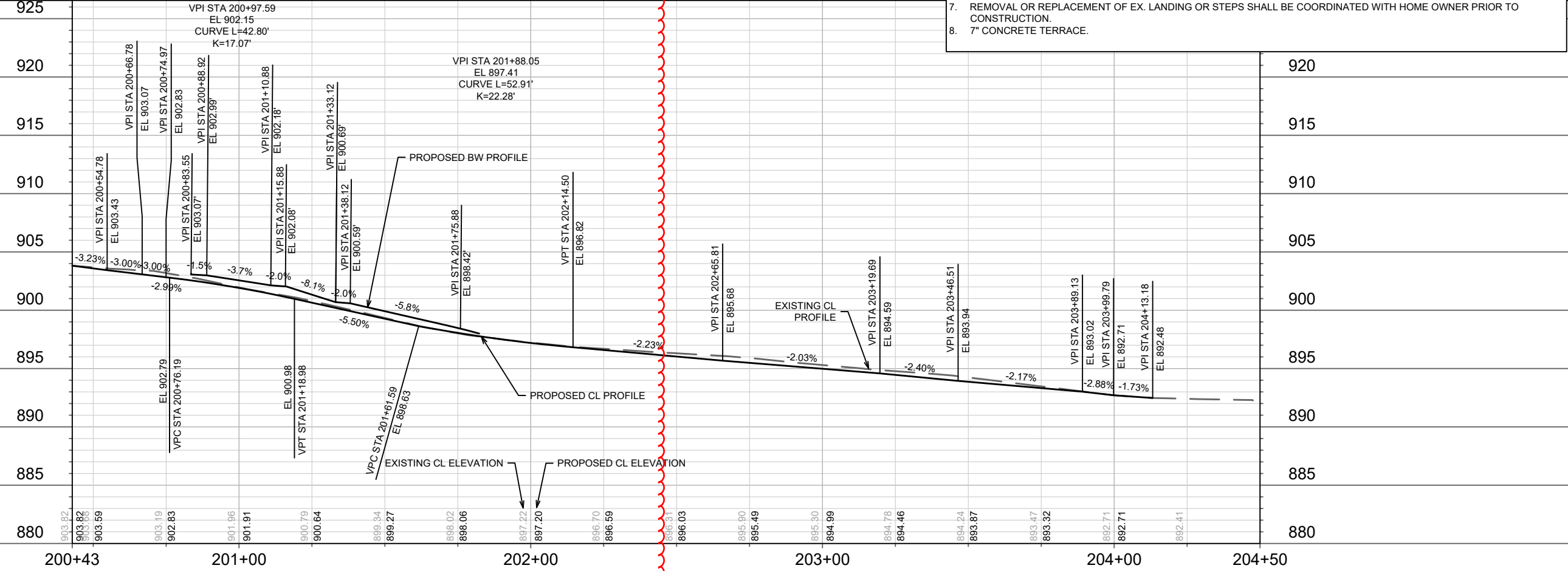
- SILT SOCK
- STREET CONSTRUCTION ENTRANCE BERM
- CONSTRUCTION ENTRANCE
- RIGID FRAME INLET PROTECTION
- STREET CONSTRUCTION STONE BERM

14081	MADISON, WI	8711	14081	EC-3
EROSION CONTROL - HARVEY STREET		CONTRACT NO.:		
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION		M:\DESIGN\Projects\14081\CAD\sewers\14081\SWR-EC.dwg		
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REVISION#1



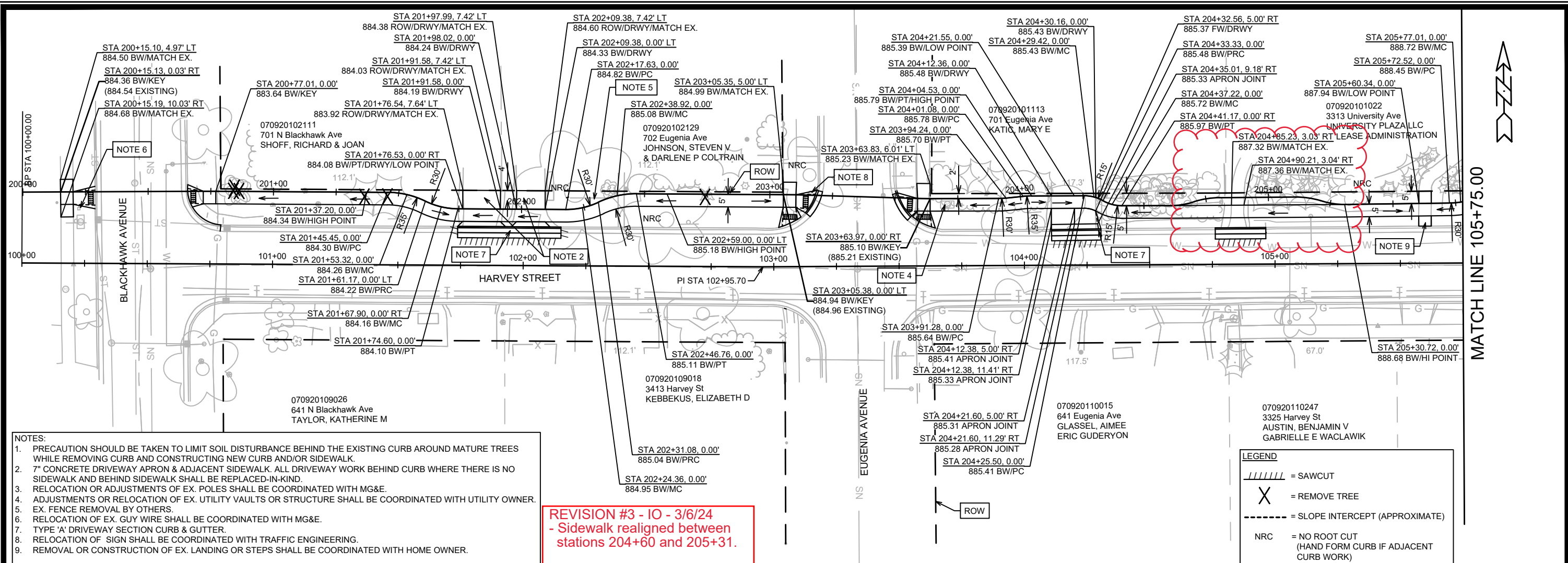
- NOTES:
1. PRECAUTION SHOULD BE TAKEN TO LIMIT SOIL DISTURBANCE BEHIND THE EXISTING CURB AROUND MATURE TREES WHILE REMOVING CURB AND CONSTRUCTING NEW CURB AND/OR SIDEWALK.
  2. 7" CONCRETE DRIVEWAY APRON & ADJACENT SIDEWALK. ALL DRIVEWAY WORK BEHIND CURB WHERE THERE IS NO SIDEWALK AND BEHIND SIDEWALK SHALL BE REPLACED-IN-KIND.
  3. RELOCATION OR ADJUSTMENTS OF EX. POLES SHALL BE COORDINATED WITH MG&E.
  4. ADJUSTMENTS OR RELOCATION OF EX. UTILITY VAULTS SHALL BE COORDINATED WITH UTILITY OWNER.
  5. 5' TRANSITION TO TYPE 'X' DRIVEWAY SECTION CURB & GUTTER.
  6. RELOCATION OF SIGN SHALL BE COORDINATED WITH TRAFFIC ENGINEERING.
  7. REMOVAL OR REPLACEMENT OF EX. LANDING OR STEPS SHALL BE COORDINATED WITH HOME OWNER PRIOR TO CONSTRUCTION.
  8. 7" CONCRETE TERRACE.
- Legend:
- /// = SAWCUT
  - X = REMOVE TREE
  - - - = CONSTRUCTION BY OTHERS
  - - - = NO ROOT CUT (HAND FORM CURB IF ADJACENT CURB WORK)
  - ▨ = 2" MILL AND OVERLAY
  - ▩ = 7" CONCRETE TERRACE



STREET REDESIGNED	14081	P-1 STREET PLAN & PROFILE - SCHMITT PLACE
DATE	01/31/24	HARVEY STREET & SCHMITT PLACE RECONSTRUCTION
REVISION	BY	14081
MARK	DATE	P-1
DESIGNED BY	14081	
DATE	2/7/2024 9:19 AM	
SCALE	1" = 40'	
CONTRACT NO.	8711	

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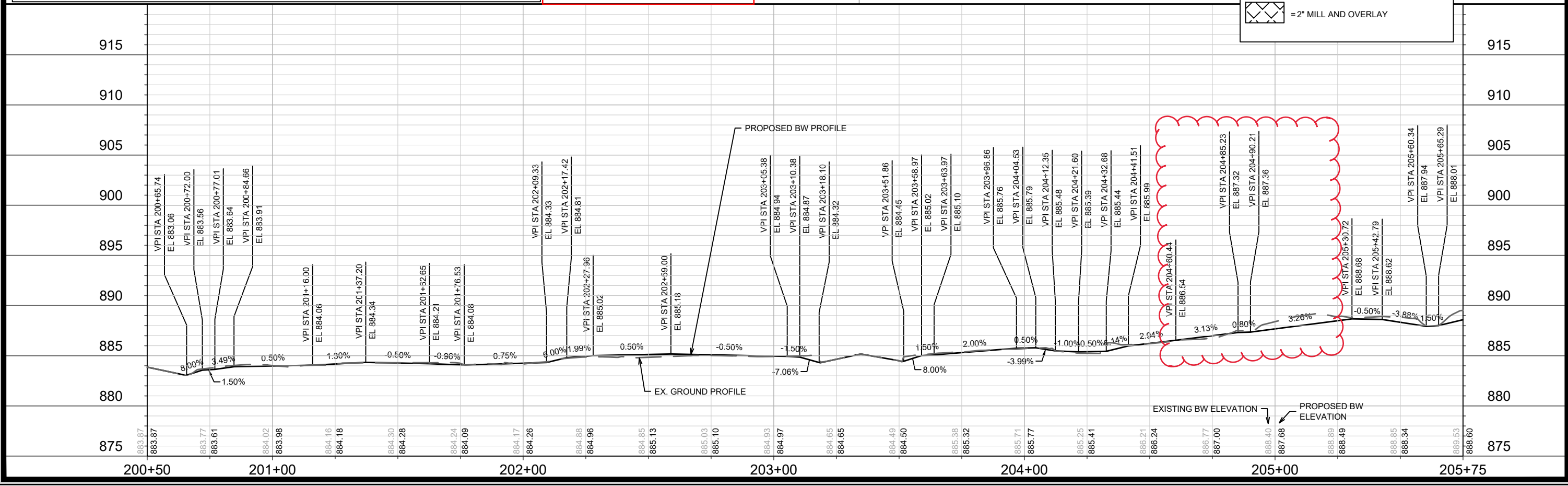


- NOTES:**
1. PRECAUTION SHOULD BE TAKEN TO LIMIT SOIL DISTURBANCE BEHIND THE EXISTING CURB AROUND MATURE TREES WHILE REMOVING CURB AND CONSTRUCTING NEW CURB AND/OR SIDEWALK.
  2. 7" CONCRETE DRIVEWAY APRON & ADJACENT SIDEWALK. ALL DRIVEWAY WORK BEHIND CURB WHERE THERE IS NO SIDEWALK AND BEHIND SIDEWALK SHALL BE REPLACED-IN-KIND.
  3. RELOCATION OR ADJUSTMENTS OF EX. POLES SHALL BE COORDINATED WITH MG&E.
  4. ADJUSTMENTS OR RELOCATION OF EX. UTILITY VAULTS OR STRUCTURE SHALL BE COORDINATED WITH UTILITY OWNER.
  5. EX. FENCE REMOVAL BY OTHERS.
  6. RELOCATION OF EX. GUY WIRE SHALL BE COORDINATED WITH MG&E.
  7. TYPE 'A' DRIVEWAY SECTION CURB & GUTTER.
  8. RELOCATION OF SIGN SHALL BE COORDINATED WITH TRAFFIC ENGINEERING.
  9. REMOVAL OR CONSTRUCTION OF EX. LANDING OR STEPS SHALL BE COORDINATED WITH HOME OWNER.

**REVISION #3 - IO - 3/6/24  
- Sidewalk realigned between  
stations 204+60 and 205+31.**

**LEGEND**

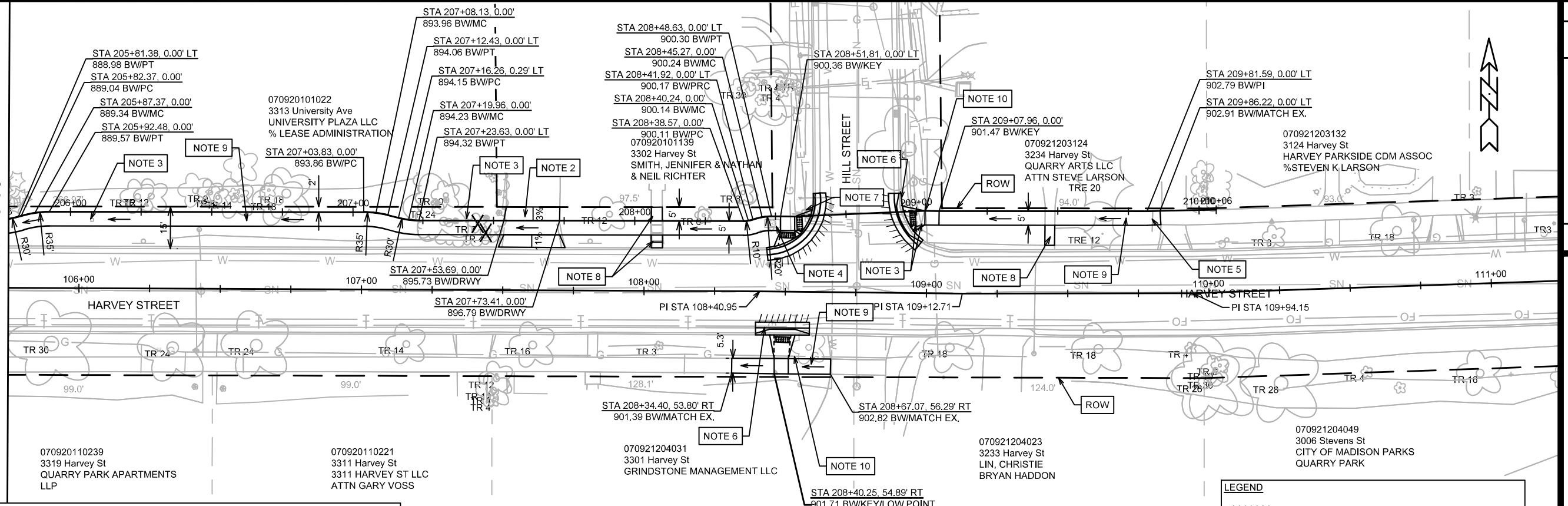
- ////// = SAWCUT
- X = REMOVE TREE
- - - - = SLOPE INTERCEPT (APPROXIMATE)
- NRC = NO ROOT CUT (HAND FORM CURB IF ADJACENT CURB WORK)
- ▣ = 2" MILL AND OVERLAY



DATE	BY
REVISION	SCALE: 1" = 40'
MARK	DESIGNED BY: IO
14081	14081

14081  
MADISON, WI  
CONTRACT NO: 8711  
STREET PLAN & PROFILE - HARVEY STREET  
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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14081  
P-2

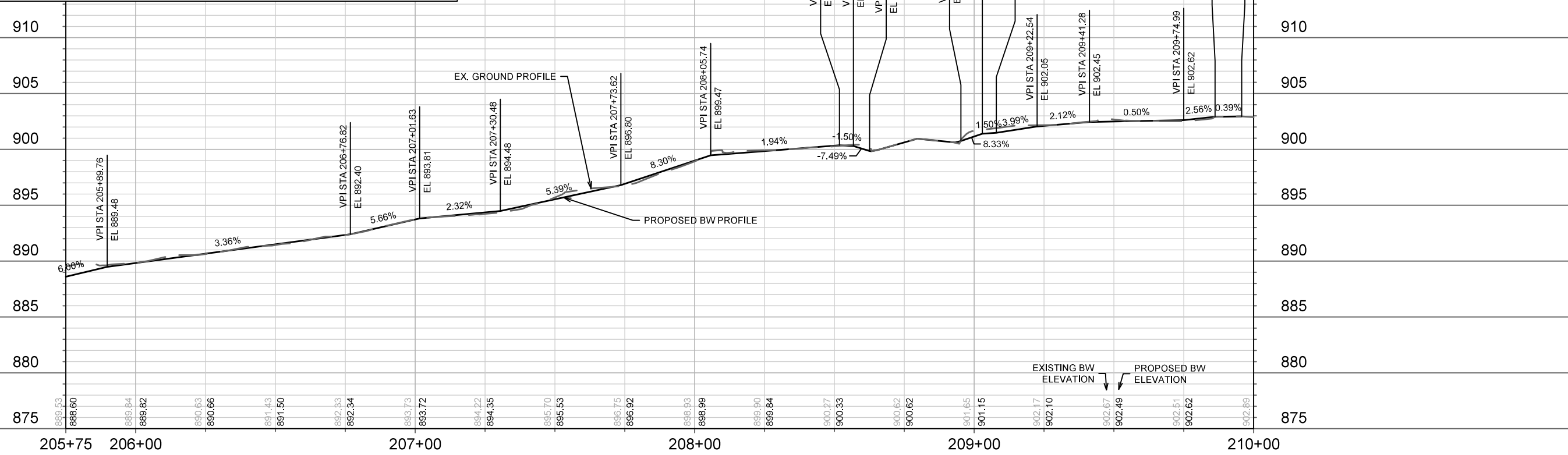
MATCH LINE 105+75.00



- NOTES:
1. PRECAUTION SHOULD BE TAKEN TO LIMIT SOIL DISTURBANCE BEHIND THE EXISTING CURB AROUND MATURE TREES WHILE REMOVING CURB AND CONSTRUCTING NEW CURB AND/OR SIDEWALK.
  2. 7" CONCRETE DRIVEWAY APRON & ADJACENT SIDEWALK. ALL DRIVEWAY WORK BEHIND CURB WHERE THERE IS NO SIDEWALK AND BEHIND SIDEWALK SHALL BE REPLACED-IN-KIND.
  3. RELOCATION OR ADJUSTMENTS OF EX. POLES SHALL BE COORDINATED WITH MG&E.
  4. ADJUSTMENTS OR RELOCATION OF EX. UTILITY VAULTS SHALL BE COORDINATED WITH UTILITY OWNER.
  5. EX. FENCE REMOVAL BY OTHERS.
  6. 5' TRANSITION TO TYPE 'X' PEDESTRIAN RAMP SECTION CURB & GUTTER.
  7. RELOCATION OF SIGN SHALL BE COORDINATED WITH TRAFFIC ENGINEERING.
  8. REMOVAL OR CONSTRUCTION OF EX. LANDING OR STEPS SHALL BE COORDINATED WITH HOME OWNER.
  9. 5" CONCRETE SIDEWALK.
  10. POTENTIAL GAS CONFLICT. ULO SHALL BE PERFORMED AND PROVIDED TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO SIDEWALK INSTALLATION

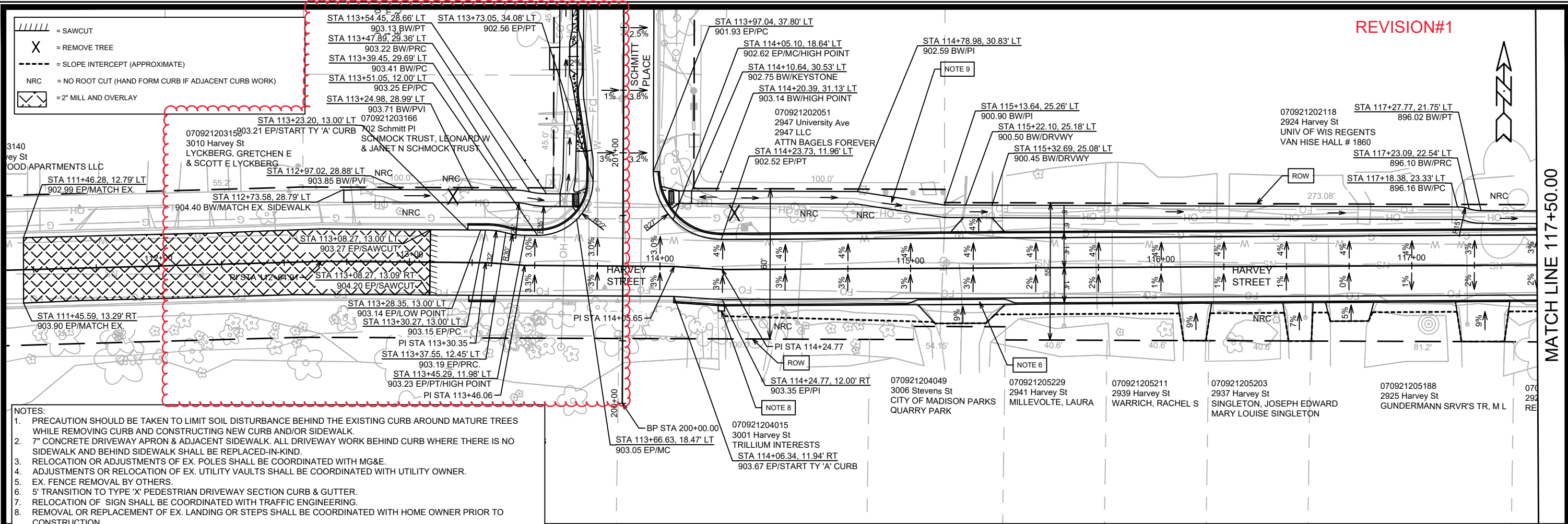
**LEGEND**

- ////// = SAWCUT
- X = REMOVE TREE
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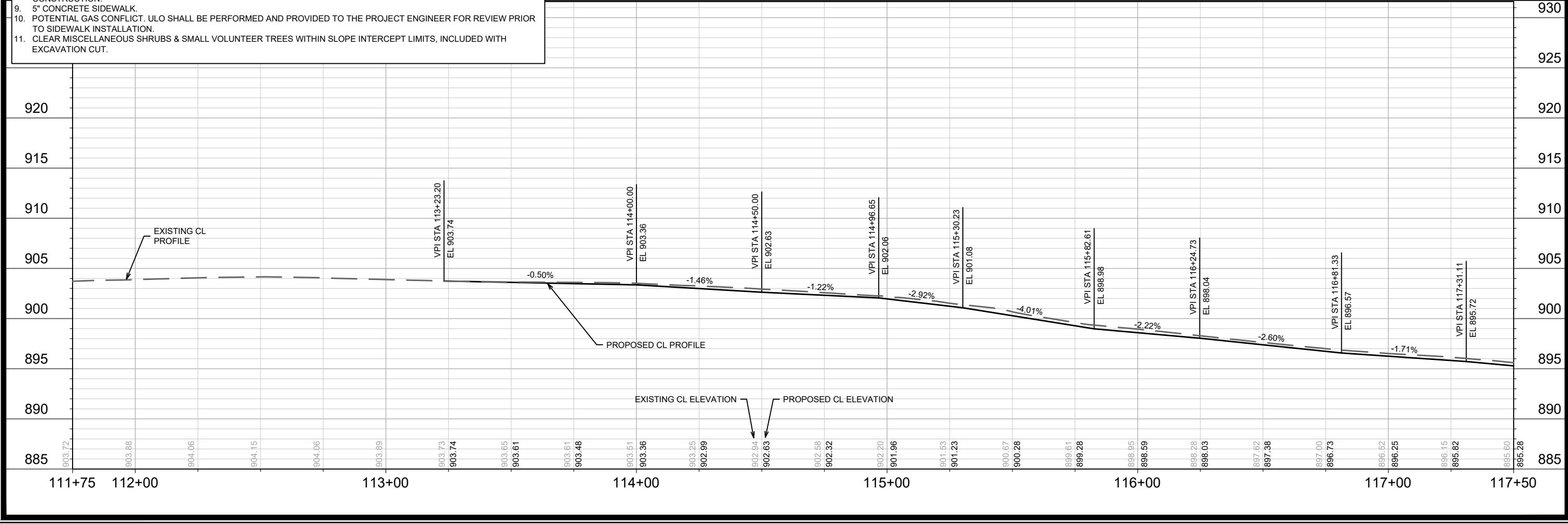


14081	MADISON, WI	8711	CONTRACT NO:
STREET PLAN & PROFILE - HARVEY STREET			
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION			
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14081	P-3	DATE: 11/13/2023 8:18 AM	Scale: 1" = 40'
MARK	REVISION	BY	P-3





- NOTES:**
1. PRECAUTION SHOULD BE TAKEN TO LIMIT SOIL DISTURBANCE BEHIND THE EXISTING CURB AROUND MATURE TREES WHILE REMOVING CURB AND CONSTRUCTING NEW CURB AND/OR SIDEWALK.
  2. 7" CONCRETE DRIVEWAY APRON & ADJACENT SIDEWALK. ALL DRIVEWAY WORK BEHIND CURB WHERE THERE IS NO SIDEWALK AND BEHIND SIDEWALK SHALL BE REPLACED-IN-KIND.
  3. RELOCATION OR ADJUSTMENTS OF EX. POLES SHALL BE COORDINATED WITH MG&E.
  4. ADJUSTMENTS OR RELOCATION OF EX. UTILITY VAULTS SHALL BE COORDINATED WITH UTILITY OWNER.
  5. EX. FENCE REMOVAL BY OTHERS.
  6. 5' TRANSITION TO TYPE 'X' PEDESTRIAN DRIVEWAY SECTION CURB & GUTTER.
  7. RELOCATION OF SIGN SHALL BE COORDINATED WITH TRAFFIC ENGINEERING.
  8. REMOVAL OR REPLACEMENT OF EX. LANDING OR STEPS SHALL BE COORDINATED WITH HOME OWNER PRIOR TO CONSTRUCTION.
  9. 5" CONCRETE SIDEWALK.
  10. POTENTIAL GAS CONFLICT. ULO SHALL BE PERFORMED AND PROVIDED TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO SIDEWALK INSTALLATION.
  11. CLEAR MISCELLANEOUS SHRUBS & SMALL VOLUNTEER TREES WITHIN SLOPE INTERCEPT LIMITS, INCLUDED WITH EXCAVATION CUT.



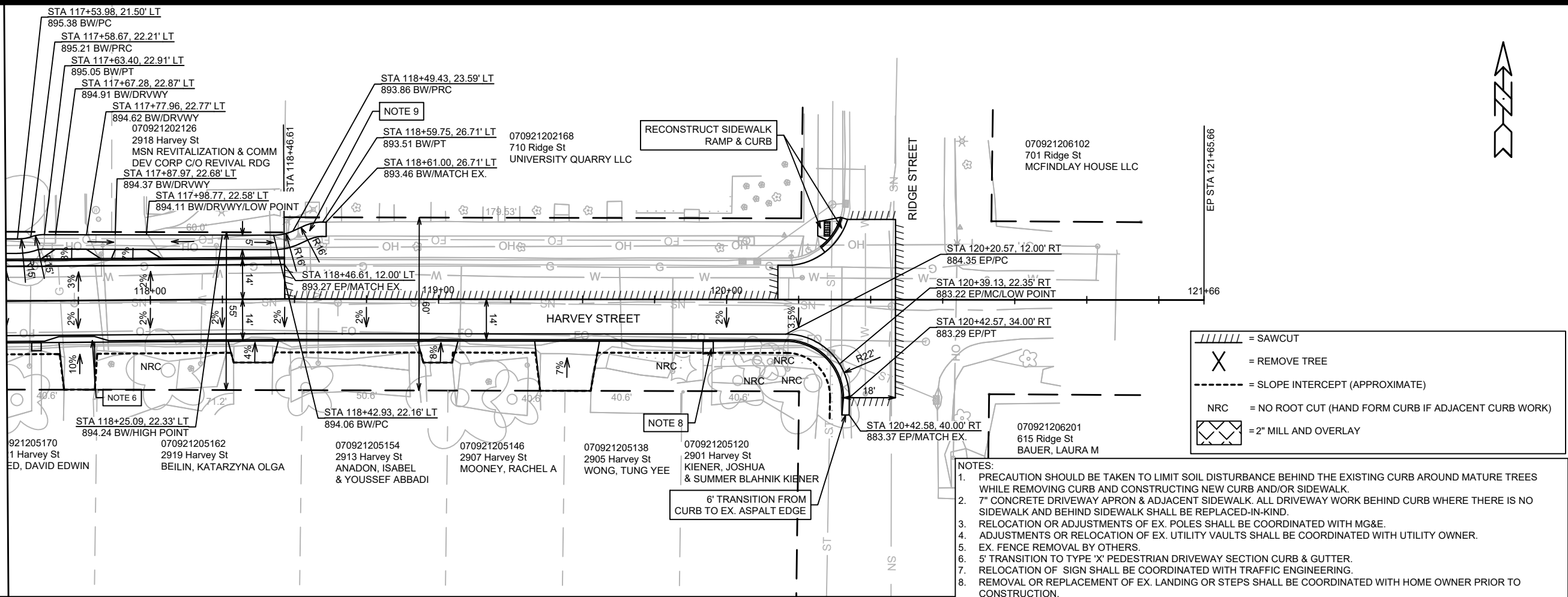
= SAWCUT  
 = REMOVE TREE  
 = SLOPE INTERCEPT (APPROXIMATE)  
 = NO ROOT CUT (HAND FORM CURB IF ADJACENT CURB WORK)  
 = 2" MILL AND OVERLAY

REVISION#1

MATCH LINE 117+50.00

REV#	01/31/24	DATE	BY
MARK		REVISION	
DESIGNED BY	14081	DATE	2/6/2024 12:14 PM
SCALE	1" = 40'	CONTRACT NO.	8711
STREET PLAN & PROFILE - HARVEY STREET		14081	
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION		MADISON, WI	
14081		P-4	

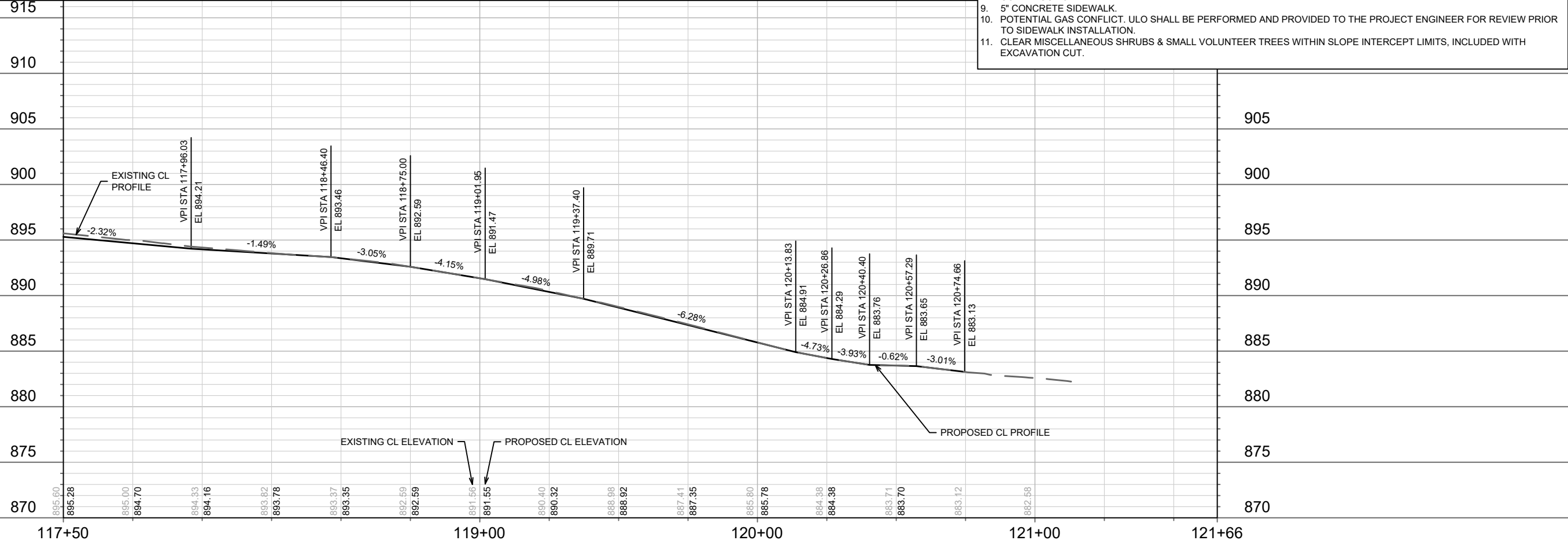
MATCH LINE 117+50.00



**LEGEND**

- ////// = SAWCUT
- X = REMOVE TREE
- - - = SLOPE INTERCEPT (APPROXIMATE)
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  3. RELOCATION OR ADJUSTMENTS OF EX. POLES SHALL BE COORDINATED WITH MG&E.
  4. ADJUSTMENTS OR RELOCATION OF EX. UTILITY VAULTS SHALL BE COORDINATED WITH UTILITY OWNER.
  5. EX. FENCE REMOVAL BY OTHERS.
  6. 5' TRANSITION TO TYPE 'X' PEDESTRIAN DRIVEWAY SECTION CURB & GUTTER.
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  11. CLEAR MISCELLANEOUS SHRUBS & SMALL VOLUNTEER TREES WITHIN SLOPE INTERCEPT LIMITS, INCLUDED WITH EXCAVATION CUT.



**14081**

**MADISON, WI**

**CONTRACT NO: 8711**

**STREET PLAN & PROFILE - HARVEY STREET**

**HARVEY STREET & SCHMITT PLACE RECONSTRUCTION**

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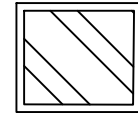
**14081**

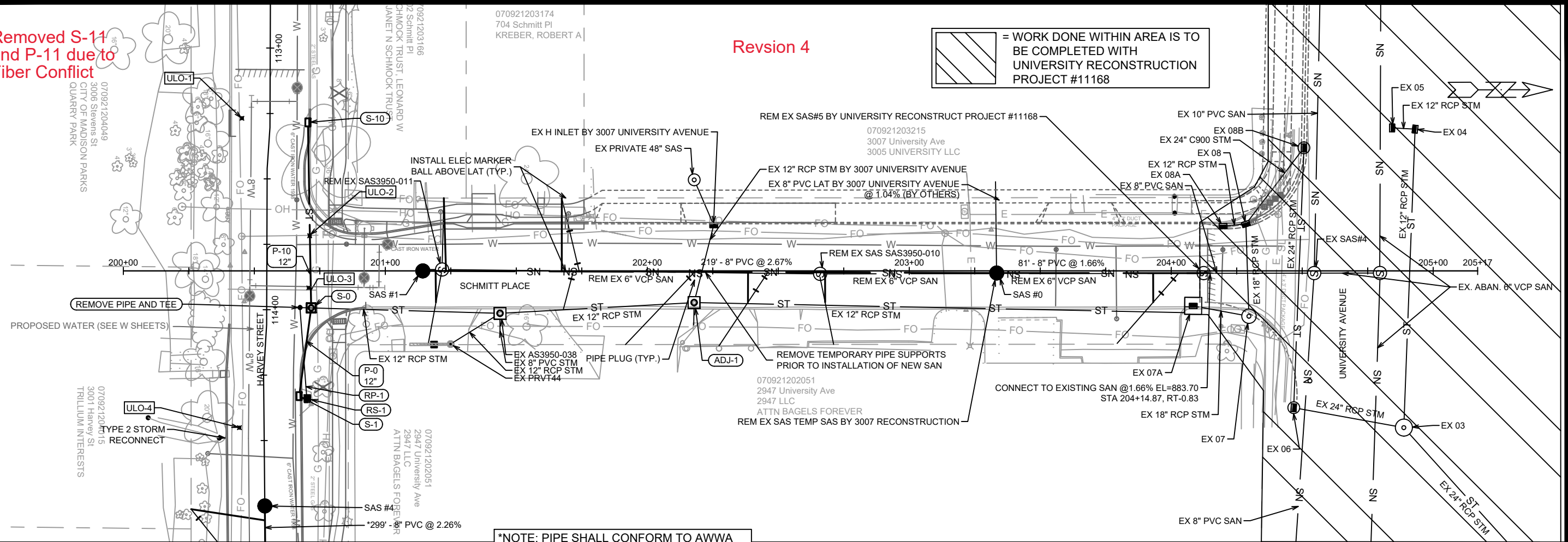
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DATE	BY
2/26/2024	106 PM
REVISION	DATE
14081	P-5

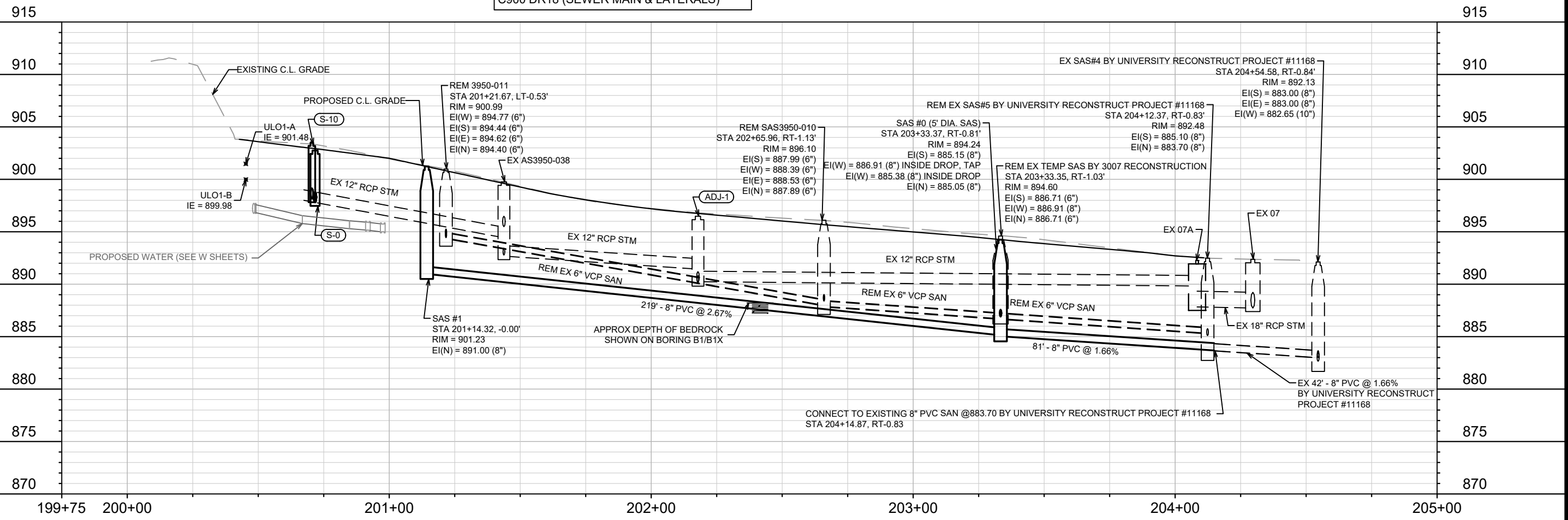
Removed S-11 and P-11 due to Fiber Conflict

Revision 4

 = WORK DONE WITHIN AREA IS TO BE COMPLETED WITH UNIVERSITY RECONSTRUCTION PROJECT #11168

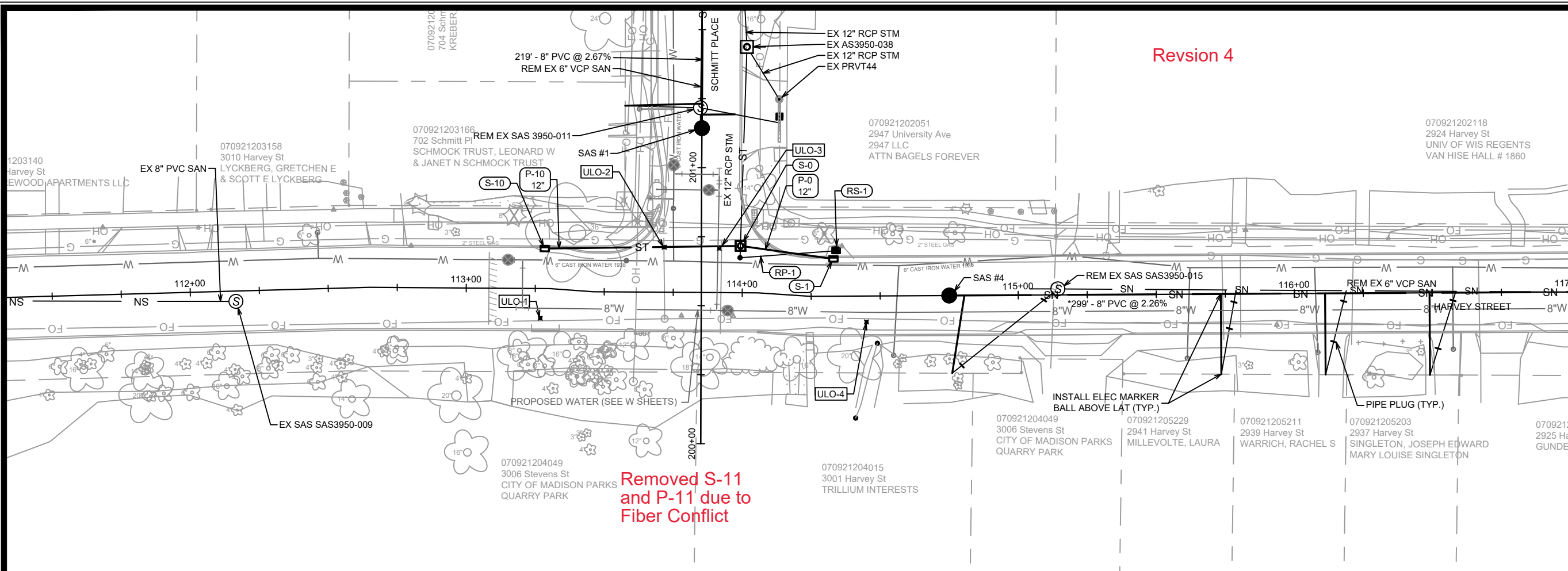


\*NOTE: PIPE SHALL CONFORM TO AWWA C900 DR18 (SEWER MAIN & LATERALS)



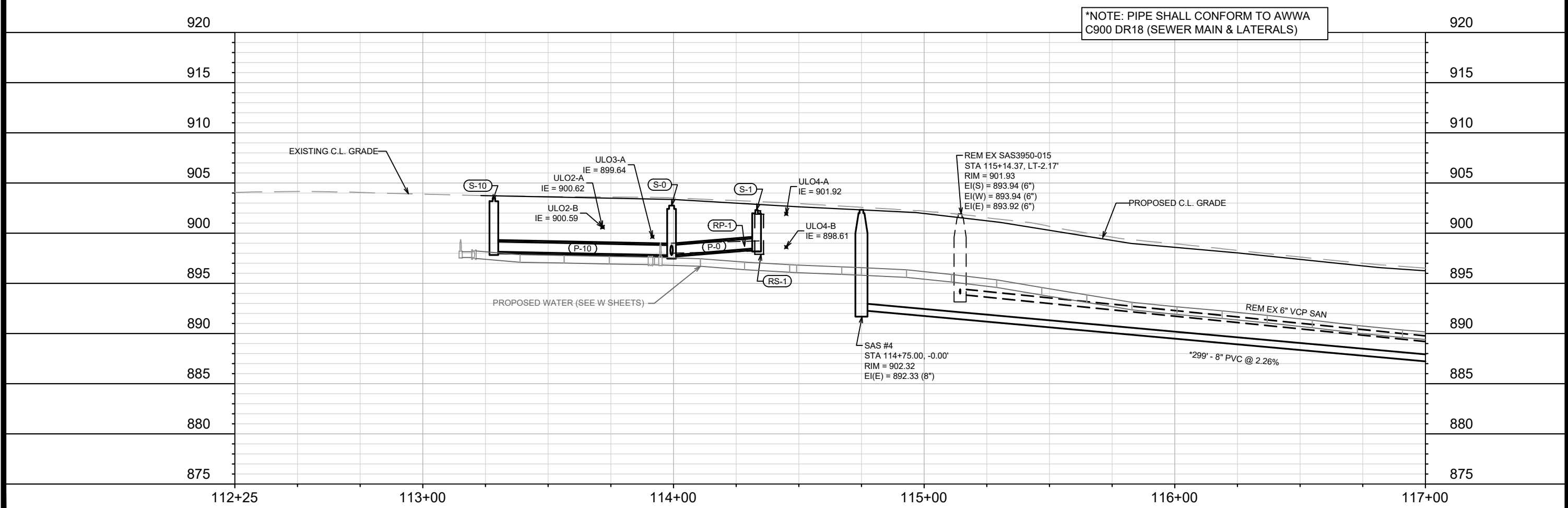
4	FIBER CONFLICT	4/12/2024	TAC	U-1
3	ULO UPDATES	2/23/2024	TAC	
2	GRADE UPDATES AND PRIVATE STORM	1/31/2024	TAC	
MARK	REVISION	DATE	BY	
	DESIGNED BY: TAC	DATE: 4/12/2024 12:40 PM	SCALE: 1" = 40'	
14081				

14081  
MADISON, WI  
CONTRACT NO.: 8711  
UTILITY PLAN & PROFILE - SCHMITT PLACE  
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
M:\DESIGN\Projects\14081\CAD\Sewers\14081SWR-PipeNetwork.dwg  
CITY OF MADISON WISCONSIN  
14081  
U-1

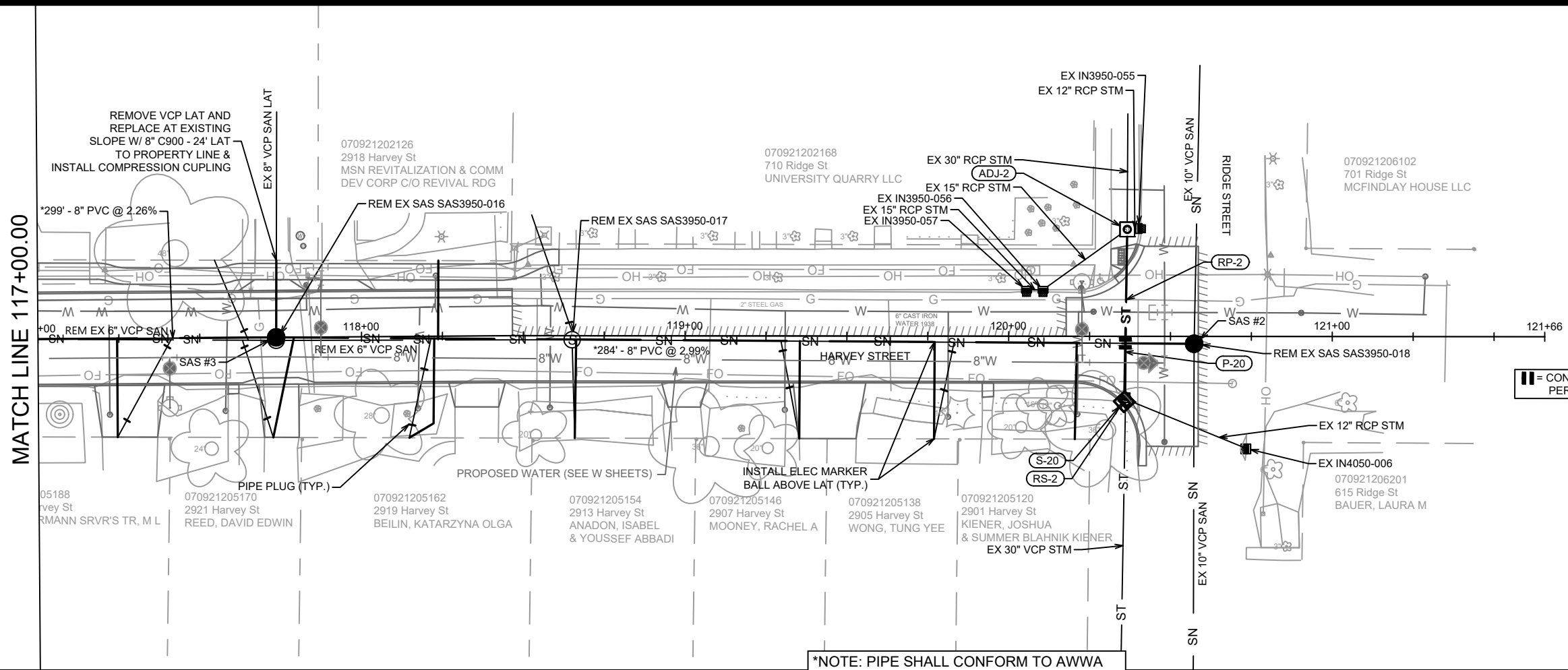


Revision 4

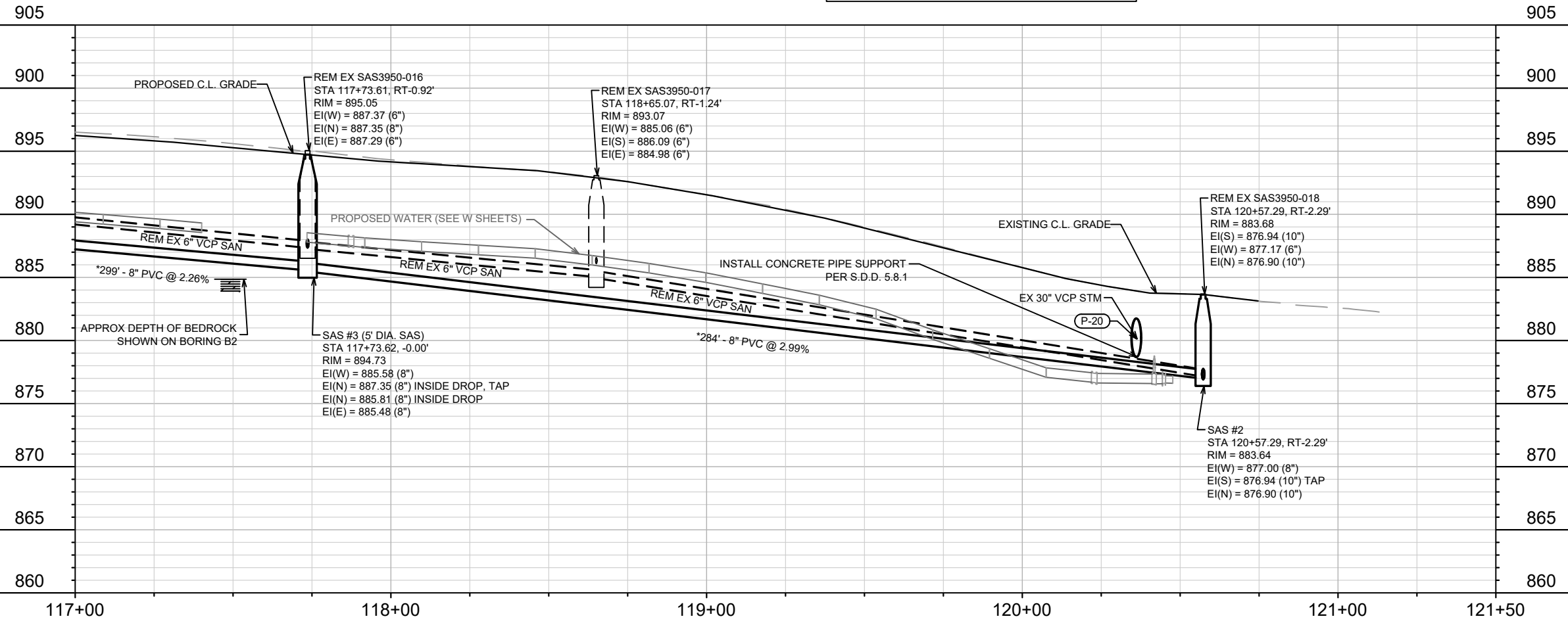
MATCH LINE 117+00.00



4	FIBER CONFLICT	4/12/2024	TAC	U-2
3	ULO UPDATES	2/23/2024	TAC	
2	GRADE UPDATES AND PRIVATE STORM	1/31/2024	TAC	
1	REVISION	12/24/2024	BY	
Designed By: TAC		Date: 4/12/2024	Time: 12:40 PM	Scale: 1" = 40'
14081		14081		U-2
14081		MADISON, WI		8711
14081		CONTRACT NO:		8711
14081		UTILITY PLAN & PROFILE - HARVEY STREET		
14081		HARVEY STREET & SCHMITT PLACE RECONSTRUCTION		
14081		M:\DESIGN\Projects\14081\CAD\Sewers\14081\SWR-PipeNetwork.dwg		
14081				
14081		14081		
14081		U-2		



\*NOTE: PIPE SHALL CONFORM TO AWWA C900 DR18 (SEWER MAIN & LATERALS)



|| = CONCRETE PIPE SUPPORT PER S.D.D. 5.8.1

DATE	BY
1/31/2024	TAC
REVISION	DATE
2	1/31/2024
DESIGNED BY	DATE
TAC	2/6/2024
Scale:	1" = 40'
Contract No.	U-3

14081  
MADISON, WI  
8711  
CONTRACT NO:

UTILITY PLAN & PROFILE - HARVEY STREET  
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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14081  
U-3

# SANITARY SEWER SCHEDULE

REVISION#1

\*1/31/2024 REVISION - TAC

HARVEY & SCHMITT RECONSTRUCTION PROJECT NO. 14081	SHEET NO. U-4
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>HARVEY STREET</b>						
SAS #2	120+57.29	RT-2.29	883.64	876.90	6.74	-
SAS #3	117+73.62	CL	894.73	885.48	9.25	[3]
SAS #4	114+75.00	CL	902.32	892.33	9.99	-
<b>SCHMITT PLACE</b>						
* SAS #0	203+33.37	RT-0.81	<b>894.24</b>	885.05	<b>9.19</b>	[1]
* SAS #1	201+14.32	CL	<b>901.23</b>	891.00	<b>10.23</b>	-

## SANITARY STRUCTURES REMOVALS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>HARVEY STREET</b>						
SAS #3950-015	115+14.37	LT-2.17	901.93	893.92	8.01	-
SAS #3950-016	117+73.61	RT-0.92	895.05	887.29	7.76	-
SAS #3950-017	118+65.07	RT-1.24	893.07	884.98	8.09	-
SAS #3950-018	120+57.29	RT-2.29	883.68	877.17	6.51	-
<b>SCHMITT PLACE</b>						
SAS #3950-010	202+65.96	RT-1.13	896.10	887.89	8.21	-
SAS #3950-011	201+21.67	LT-0.53	900.99	894.40	6.59	-
SAS#5 BY UNIVERSITY RECONSTRUCTION	204+12.37	RT-0.83	892.48	883.70	8.78	-
TEMP SAS BY 3007 UNIVERSITY AVE	203+33.35	RT-1.03	894.6	886.71	7.89	-

## PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
<b>HARVEY STREET</b>								
SAS #2	SAS #3	877.00	885.48	284	2.99%	8"	AWWA C900 DR 18	[2]
SAS #3	SAS #4	885.58	892.33	299	2.26%	8"	AWWA C900 DR 18	[2]
<b>SCHMITT PLACE</b>								
STA204+14.87 RT-0.83'	SAS #0	883.70	885.05	81	1.66%	8"	SDR-35	-
* SAS #0	SAS #1	885.15	891.00	219	2.67%	8"	SDR-35	[4]

## SANITARY PIPES REMOVALS

REMOVE FROM	REMOVE TO	TOTAL LGTH (FT)	PAY LGTH (FT)	PIPE SIZE	PVC TYPE	NOTES
<b>HARVEY STREET</b>						
SAS #3950-015	SAS #3950-016	259	0	6"	VCP	-
SAS #3950-016	SAS #3950-017	92	0	6"	VCP	-
SAS #3950-017	SAS #3950-018	192	0	6"	VCP	-
<b>SCHMITT PLACE</b>						
SAS #3950-011	SAS #3950-010	144	0	6"	VCP	-
SAS #3950-010	EX SAS TEMP BY 3007 RECONSTRUCTION	68	0	6"	VCP	-
EX SAS TEMP BY 3007 RECONSTRUCTION	SAS #5 BY UNIVERSITY RECONSTRUCT PROJECT #11168	79	0	6"	VCP	-

## SPECIFIC NOTES

- [1] 5' DIA. SAS WITH INSIDE DROP (EI = 886.91 (TAP), EI = 885.38)
- [2] AWWA C900 DR 18 MAIN AND LATERALS (AWWA C900 FITTINGS ACCEPTABLE ON BENDS AWWA C907), DUCTILE IRON WYES REQUIRED, ASA A21.10, (AWWA C110), LONG BODY OR SHORT BODY)
- [3] 5' DIA. SAS WITH INSIDE DROP (EI = 887.35 (TAP), EI = 885.81)
- \* [4] REMOVE PIPE SUPPORTS UNDER 12" PRIVATE RCP STORM PRIOR TO INSTALLATION OF NEW PIPE. REMOVAL AND DISPOSAL IS INCEDENTAL TO MAIN INSTALLATIOI



# STORM SEWER SCHEDULE

\*1/31/2024 REVISION - TAC  
 \*\*2/23/2024 REVISION - TAC  
 #4/12/2024 REVISION - TAC

Revsion 4

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>HARVEY STREET</b>							
* S-0	113+99.23	LT-16.96	3x3 STORM SAS	902.75	897.80	4.95	[3], W/R-1550-0054
S-1	114+33.16	LT-13.50	H INLET	902.31	898.50	3.81	W/R-3067-7004-V
** <del>S-2</del>	<del>114+49.09</del>	<del>RT-13.50</del>	<del>H INLET</del>	<del>902.91</del>	<del>899.13</del>	<del>3.78</del>	<del>W/R-3067-7004-V</del>
** <del>S-3</del>	<del>114+90.44</del>	<del>RT-13.50</del>	<del>H INLET</del>	<del>902.87</del>	<del>899.54</del>	<del>3.33</del>	<del>W/R-3067-7004-V</del>
** S-10	113+28.34	LT-14.50	H INLET	903.52	898.15	5.37	W/R-3067-7004-V
# <del>S-11</del>	<del>113+28.39</del>	<del>RT-14.16</del>	<del>H INLET</del>	<del>904.72</del>	<del>898.29</del>	<del>6.43</del>	<del>W/R-3067-7004-V</del>
S-20	120+35.75	RT-20.21	4x4 STORM SAS	883.58	879.26	4.32	[4][5], FP, W/R-3067-7004-V

## REMOVE STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>HARVEY STREET</b>							
RS-1	114+34.17	LT-16.43	H INLET	902.22	898.22	4.00	-
RS-2	120+36.15	RT-19.40	H INLET	883.74	879.23	4.51	-

## STORM STRUCTURE ADJUSTMENTS

ADJUST NO.	STATION	LOCATION (OFFSET)	TYPE	EX. TOC ELEV.	ADJUST ELEV.	ADJUST DIFF.	NOTES
<b>SCHMITT PLACE</b>							
ADJ-1	202+17.86	RT-12.10	4x4 STORM SAS	896.49	896.49	0.00	[2], W/R-3067-7004-V
<b>HARVEY STREET</b>							
* ADJ-2	120+36.60	LT-33.03	4x4 STORM SAS	883.37	883.37	0.00	[6]

## PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
<b>HARVEY STREET</b>										
P-0	S-0	S-1	897.80	898.50	34.0	31.0	2.26%	12"	RCP	-
** <del>P-1</del>	<del>S-1</del>	<del>S-2</del>	<del>898.50</del>	<del>899.13</del>	<del>31.5</del>	<del>29.0</del>	<del>2.17%</del>	<del>12"</del>	RCP	-
** <del>P-2</del>	<del>S-2</del>	<del>S-3</del>	<del>899.13</del>	<del>899.54</del>	<del>41.5</del>	<del>38.4</del>	<del>1.07%</del>	<del>12"</del>	TYPE II	-
** P-10	S-0	S-10	897.80	898.15	71.0	67.9	0.52%	12"	RCP	-
# <del>P-11</del>	<del>S-10</del>	<del>S-11</del>	<del>898.15</del>	<del>898.29</del>	<del>28.5</del>	<del>26.7</del>	<del>0.52%</del>	<del>12"</del>	RCP	-
P-20	ADJ-2	S-20	878.54	879.23	53.5	48.4	1.42%	30"	RCP	[6]

## REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
<b>HARVEY STREET</b>							
RP-1	S-0	RS-1	35.90	0.00	12.0	RCP	[1]

## STORM SEWER ULOs

ADJUST NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
<b>HARVEY STREET</b>					
** ULO-1A	113+26.86	RT-10.72	FIBER	901.48	TOP OF DUCT PACKAGE
** ULO-1B	113+26.86	RT-10.72	FIBER	899.98	BOTTOM OF DUCT PACKAGE
** ULO-2A	113+71.43	LT-16.33	FIBER	900.62	-
** ULO-2B	113+71.43	LT-16.33	FIBER	900.59	-
** ULO-3	113+92.42	LT-16.78	GAS	899.54	-
** ULO-4A	114+44.99	RT-9.41	FIBER	901.92	TOP OF DUCT PACKAGE
** ULO-4B	114+44.99	RT-9.41	FIBER	898.61	BOTTOM OF DUCT PACKAGE

**NOTE:** PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

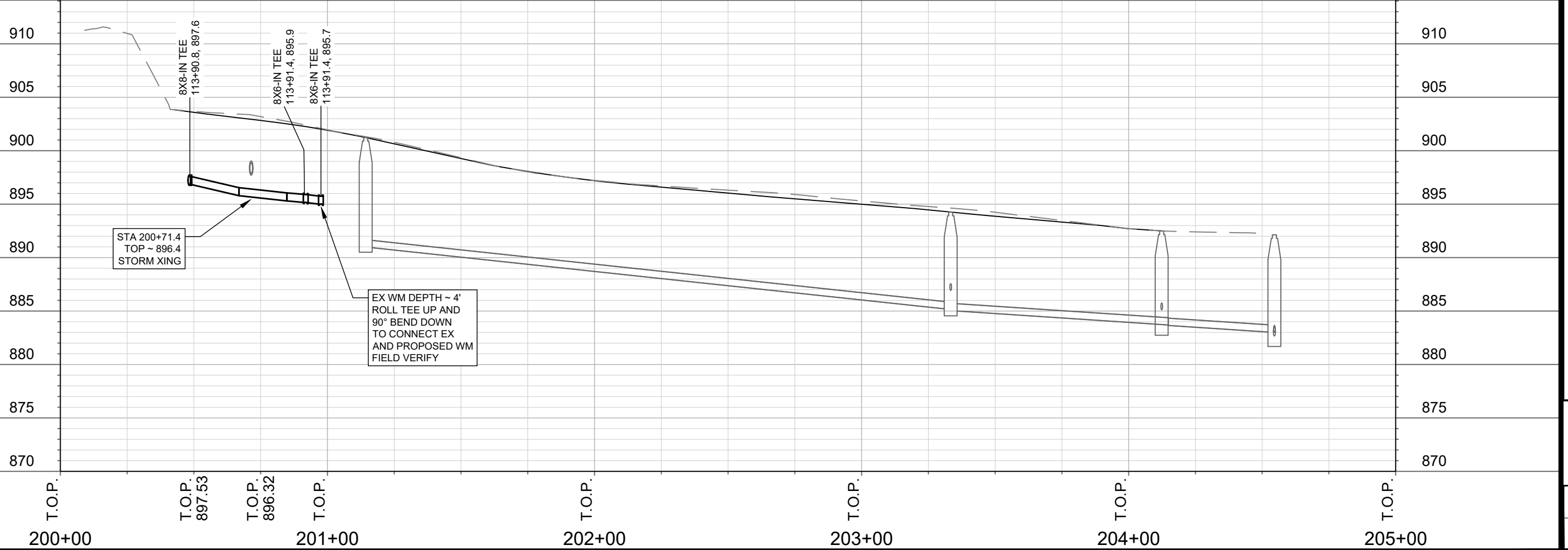
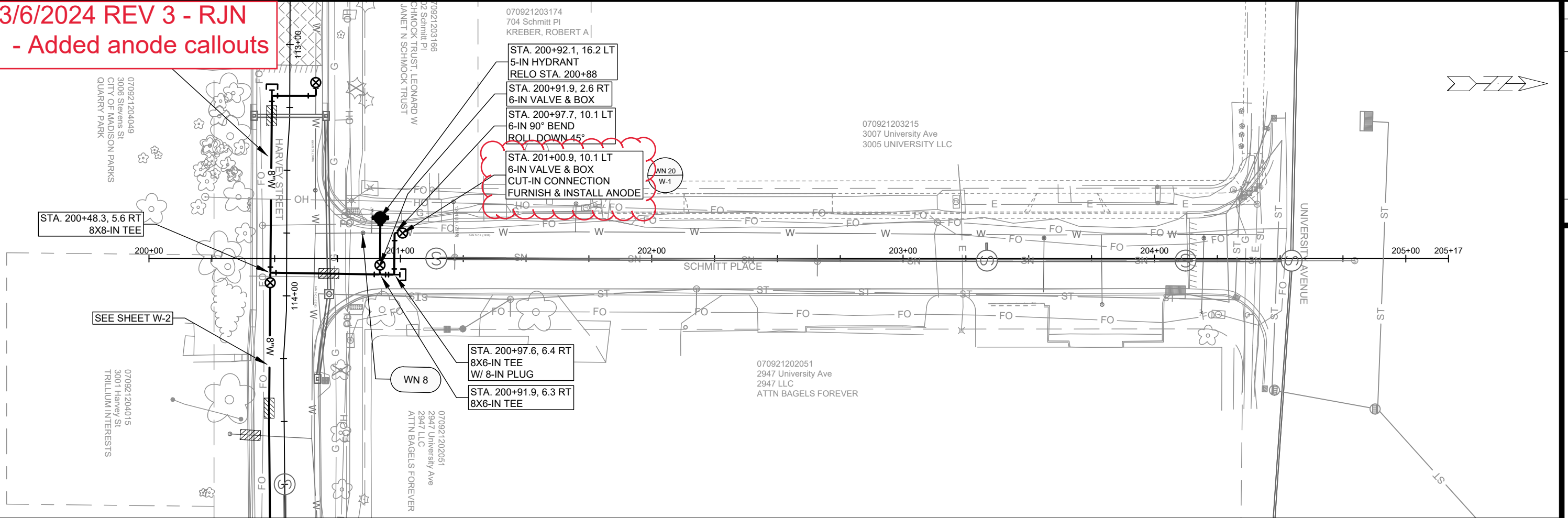
## SPECIFIC NOTES

- [1] REMOVE PIPE AND TEE FROM RS-1 TO RECONNECT TO S-0
- [2] REMOVE EXISTING TOP OF CASTING AND CURB AND REPLACE W/R-3067-7004-V COVER PAID AS BID ITEM 40371
- [3] CONNECT EXISTING 12" RCP @ EI = 897.80
- [4] CONNECT EXISTING 30" VCP @ EI = 879.23
- [5] CONNECT EXISTING 12" RCP @ EI = 879.23
- [6] TAP ADJ-2

## STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
- ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT TODD CHOJNOWSKI OF CITY ENGINEERING AT (608) 266-4094 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO TCHOJNOWSKI@CITYOFMADISON.COM.

**3/6/2024 REV 3 - RJN**  
**- Added anode callouts**



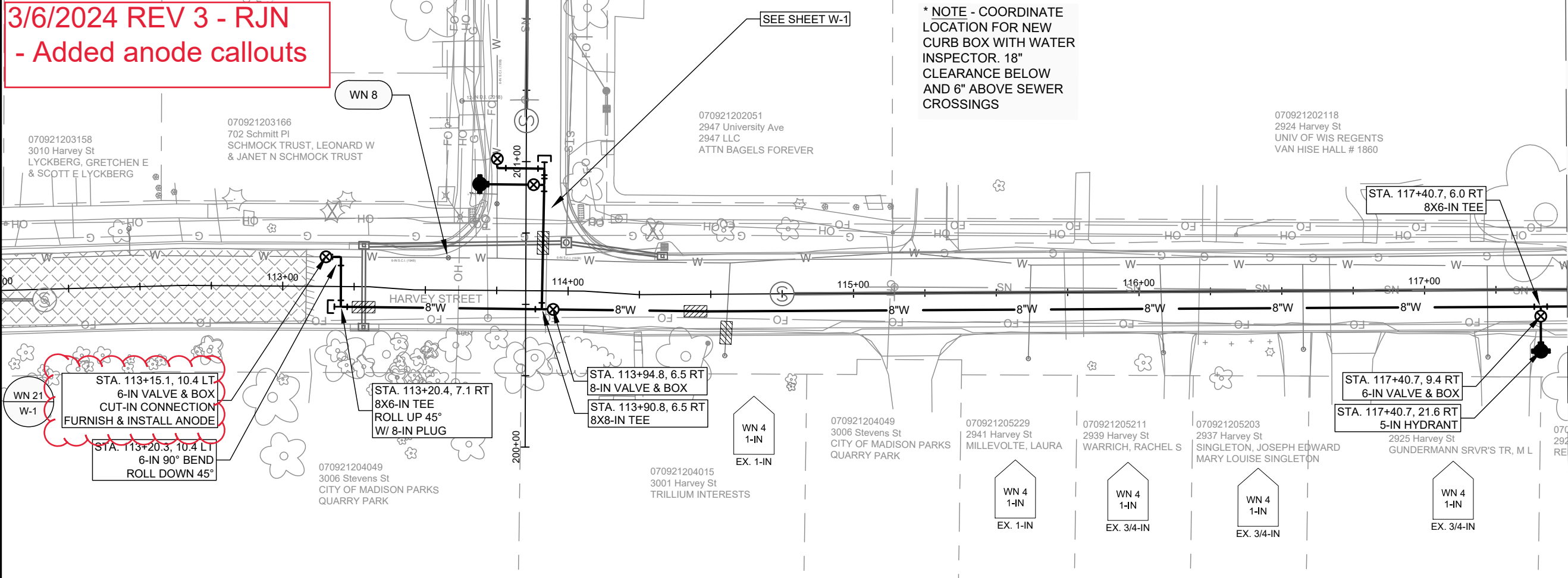
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14081	W-1	3/6/2024 10:16 AM	RJN

14081  
MADISON, WI  
CONTRACT NO: 8711

WATER PLAN AND PROFILE - SCHMITT PL  
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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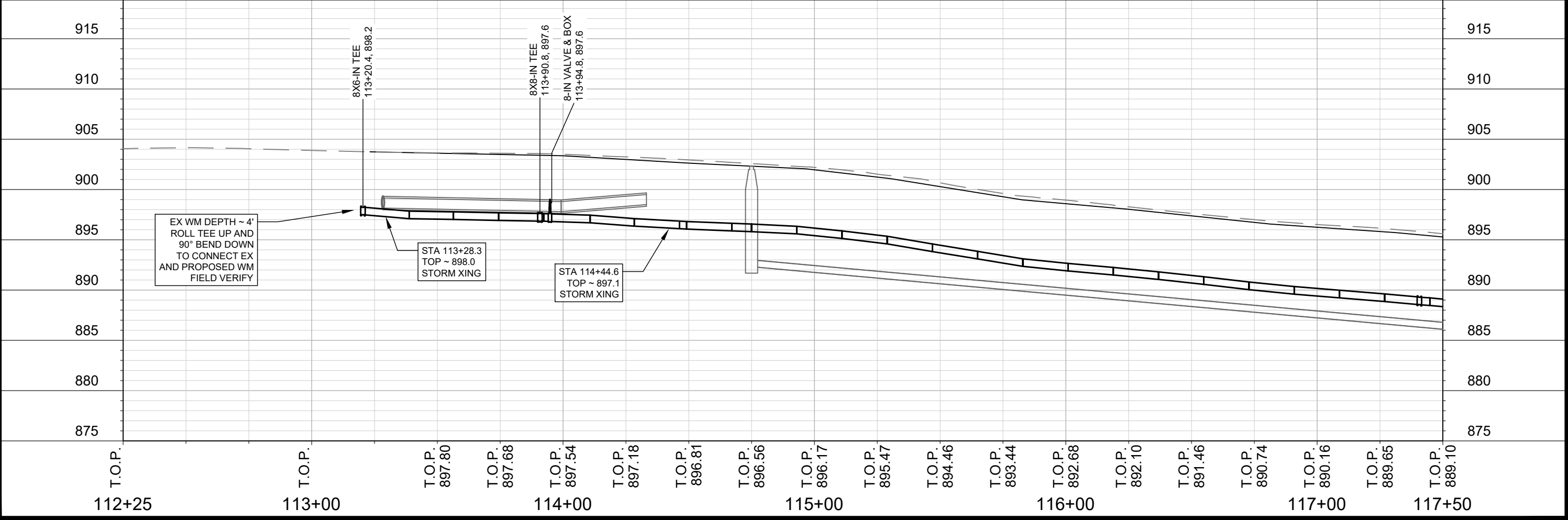
14081  
W-1

**3/6/2024 REV 3 - RJN**  
**- Added anode callouts**



\* NOTE - COORDINATE LOCATION FOR NEW CURB BOX WITH WATER INSPECTOR. 18" CLEARANCE BELOW AND 6" ABOVE SEWER CROSSINGS

MATCH LINE STA. 117+50

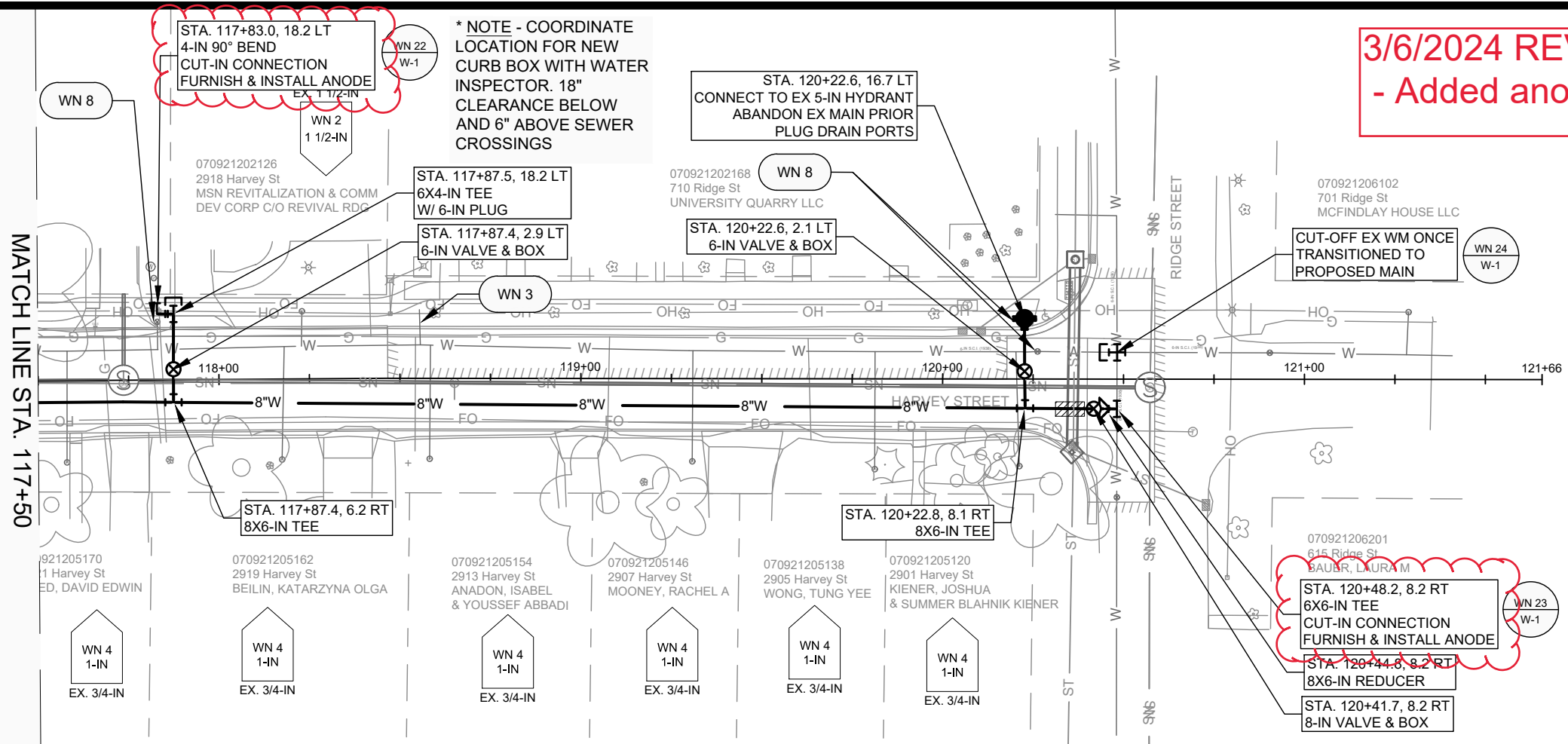


MARK	REVISION	DATE	BY
14081	W-2	3/6/2024 10:17 AM	RJN

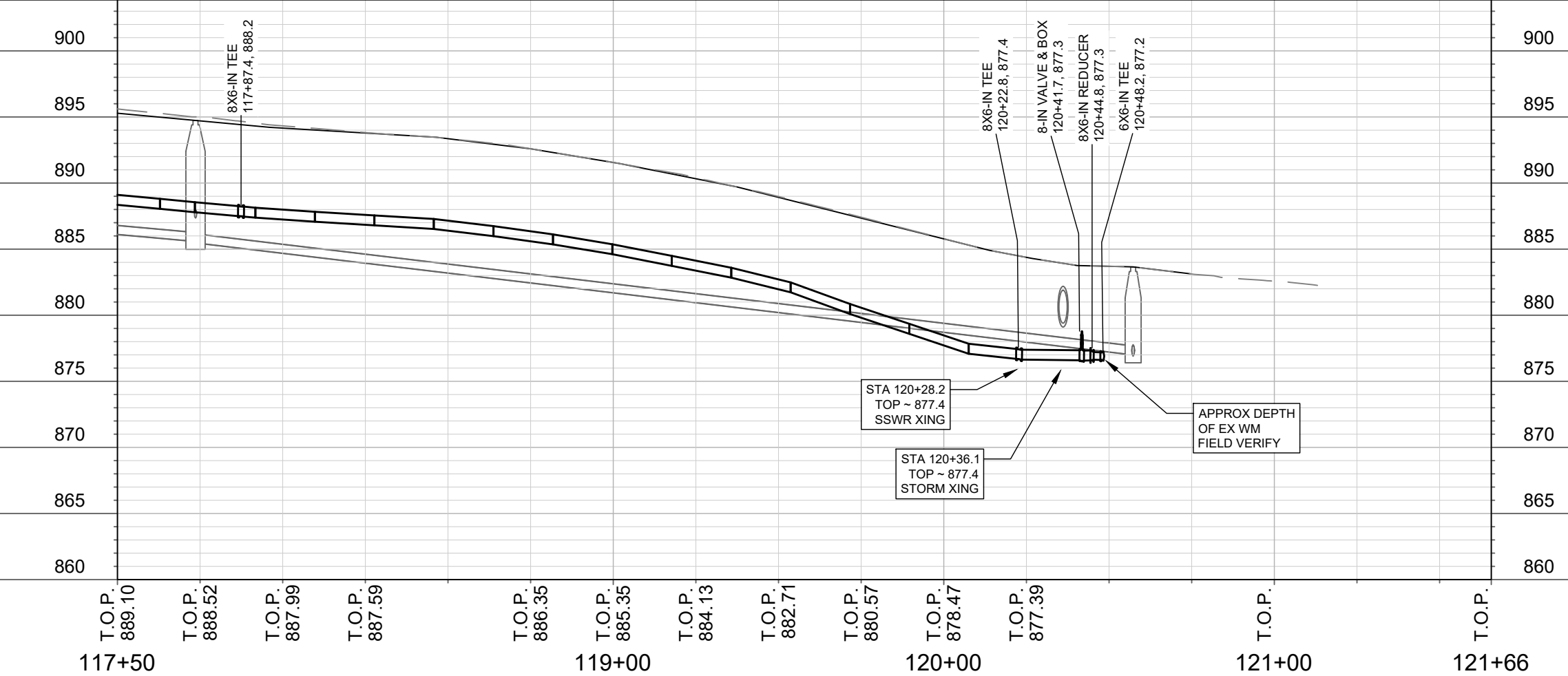
14081  
 MADISON, WI  
 CONTRACT NO: 8711

WATER PLAN AND PROFILE - HARVEY ST  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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14081  
 W-2



**3/6/2024 REV 3 - RJN**  
**- Added anode callouts**



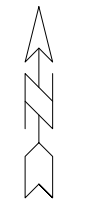
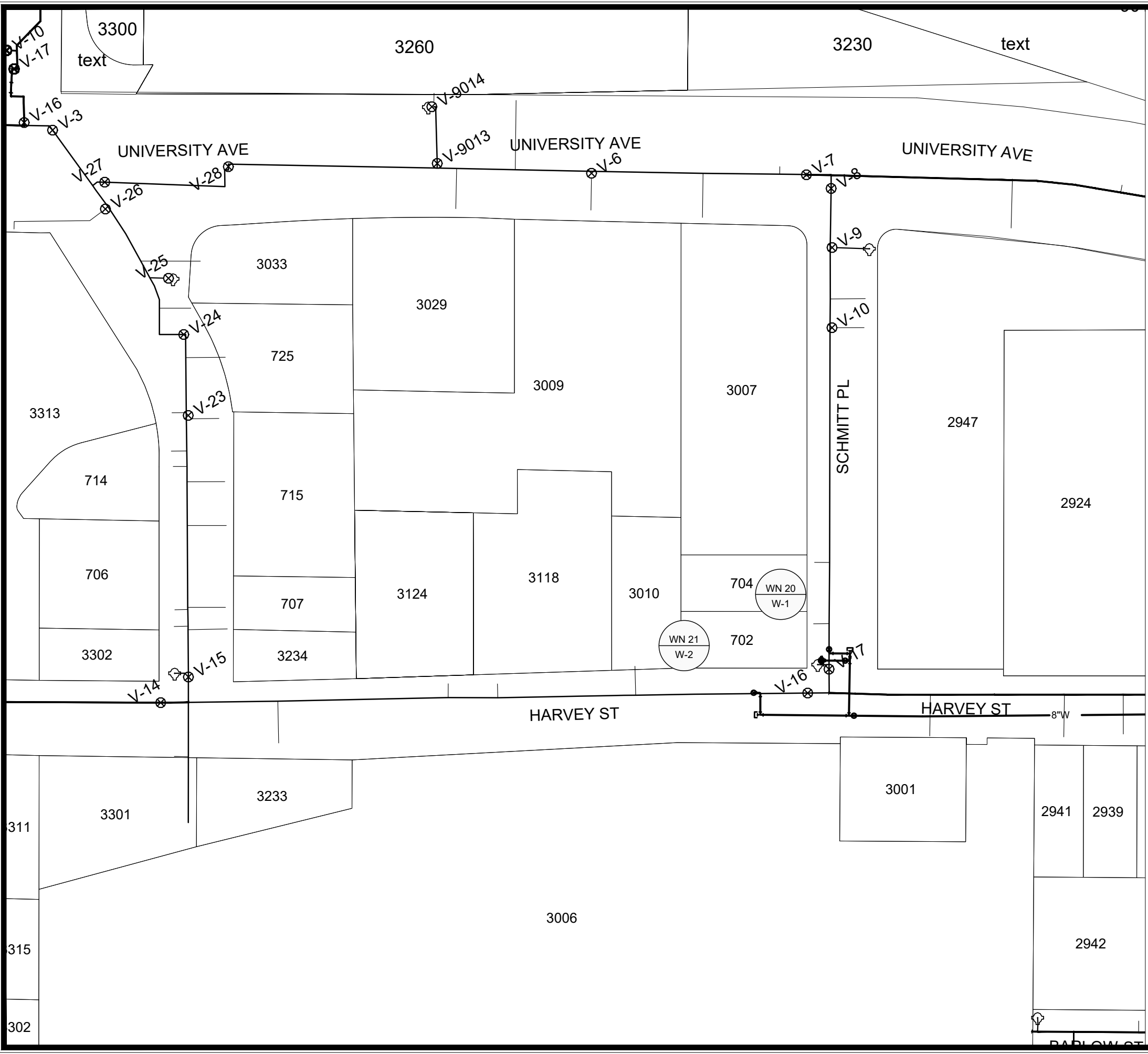
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14081	W-3	3/6/2024 10:17 AM	RJN

14081  
 MADISON, WI  
 CONTRACT NO: 8711

WATER PLAN AND PROFILE - HARVEY ST  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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14081  
 W-3



1" = 80'

WN 20: CUT-IN CONNECTION.

ISOLATION VALVES:

- V-8 (SEGOE RD & REGENT ST)
- V-17 (SEGOE RD & VERNON BLVD)

PROVIDE NOTICE:

- 2947, 3007 UNIVERSITY AVE
- 702, 704 SCHMITT PL

WN 21: CUT-IN CONNECTION.

ISOLATION VALVES:

- V-14 (HARVEY ST & HILL ST)
- V-15 (HARVEY ST & HILL ST)
- V-16 (HARVEY ST & SCHMITT PL)

PROVIDE NOTICE:

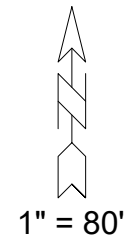
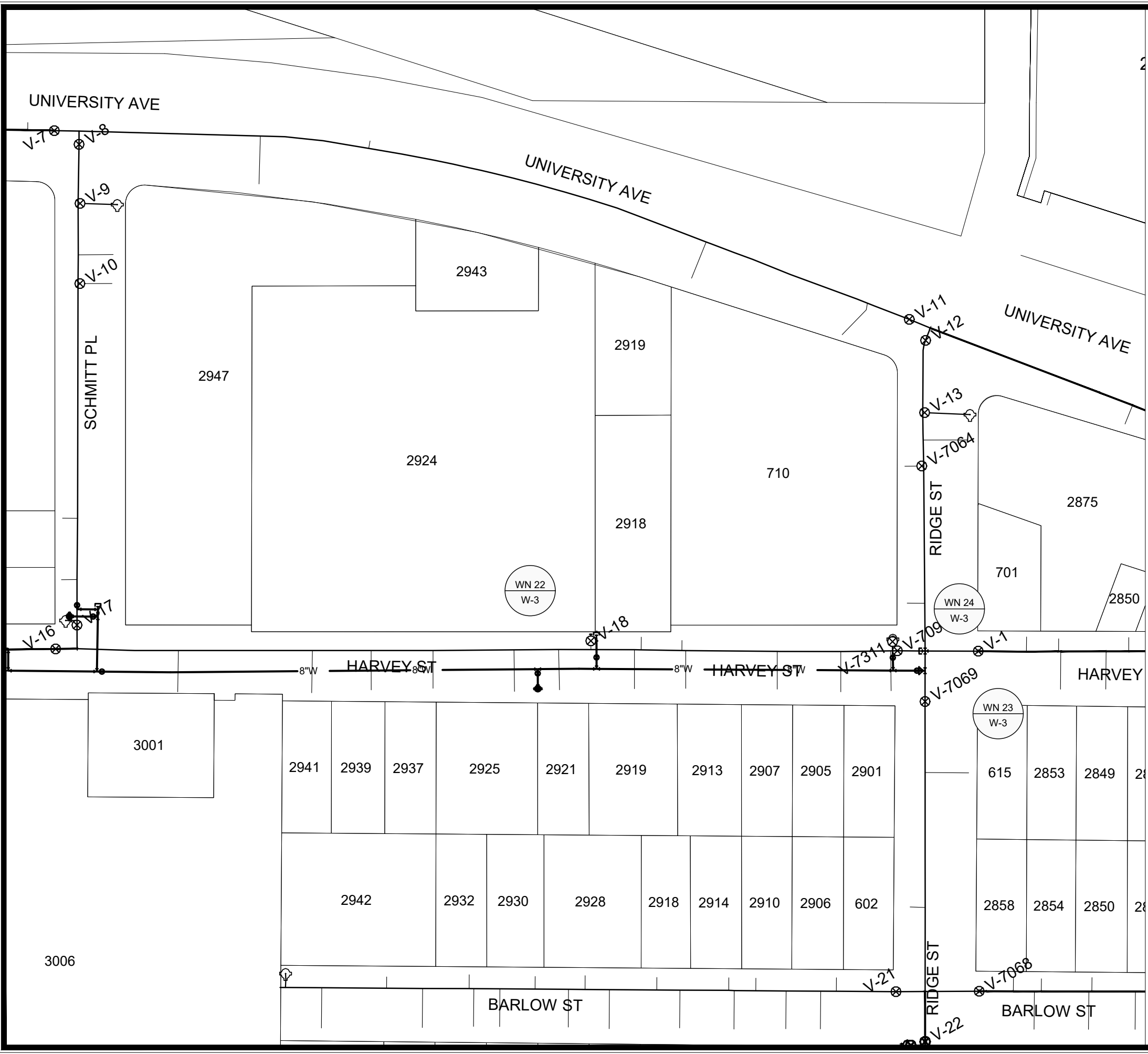
- 3010, 3118, 3124, 3233, 3301 HARVEY ST.

DISCLAIMER NOTE:  
 THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

DATE	BY	W-4
REVISION		
Designed By: RJK	Date: 1/30/2024 11:36 AM	Scale: #####
MARK	14081	
14081	8711	
WATER IMPACT PLAN	MADISON, WI	
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION		
M:\DESIGN\Projects\14081\CAD\Water\14081 WU ImpactPlan.dwg		
CONTRACT NO:		
14081		
W-4		



14081  
W-4



WN 22: CUT-IN CONNECTION.  
 ISOLATION VALVES:  
 - SV-18 (4" SERVICE VALVE)  
 PROVIDE NOTICE:  
 - 2924 HARVEY ST

WN 23: CUT-IN CONNECTION.  
 ISOLATION VALVES:  
 - V-1 (HARVEY ST & RIDGE ST)  
 - V-12 (RIDGE ST & UNIVERSITY AVE)  
 - V-7069 (HARVEY ST & RIDGE ST)  
 - V-7095 (HARVEY ST & RIDGE ST)  
 PROVIDE NOTICE:  
 - 701, 710 RIDGE ST  
 - 2829, 2831, 2835, 2841, 2845, 2846, 2849,  
 2850, 2853 HARVEY ST  
 - 2825 UNIVERSITY AVE

WN 24: CUT & CAP EX MAIN AT CROSS.  
 ISOLATION VALVES:  
 - V-1 (HARVEY ST & RIDGE ST)  
 - V-12 (RIDGE ST & UNIVERSITY AVE)  
 - V-7069 (HARVEY ST & RIDGE ST)  
 - V-7095 (HARVEY ST & RIDGE ST)  
 PROVIDE NOTICE:  
 - 701, 710 RIDGE ST  
 - 2829, 2831, 2835, 2841, 2845, 2846, 2849,  
 2850, 2853 HARVEY ST  
 - 2825 UNIVERSITY AVE

DISCLAIMER NOTE:  
 THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES  
 TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING  
 NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY  
 ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

MARK	REVISION	DATE	BY

14081  
 MADISON, WI  
 8711

WATER IMPACT PLAN  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
 M:\DESIGN\Projects\14081\CAD\Water\14081 WU ImpactPlan.dwg



14081  
 W-5

**CONSTRUCTION NOTES:**

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT STORM CROSSINGS AND OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.

- |        |   |
|--------|---|
| WN-1   | REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.  |
| WN-2   | EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.   |
| WN-3   | EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.  |
| WN-4   | DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN. |
| WN-5   | RELOCATE THE EXISTING FIRE HYDRANT.   |
| WN-6   | ABANDON WATER VALVE ACCESS STRUCTURE.   |
| WN-7   | FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.   |
| WN-8   | ABANDON THE VALVE BOX.  |
| WN-9   | FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.           |
| WN-10  | REMOVE AND SALVAGE EXISTING HYDRANT   |
| WN-11  | REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE   |
| WN-20+ | SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.                 |

WATER UTILITY ULO SCHEDULE				
ULO	UTILITY	STATION	OFFSET	SHEET
#1				

**\*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

DESCRIPTION	QUANTITY	UNIT
FURNISH AND INSTALL 4-INCH PIPE & FITTINGS	20	LNFT
FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	120	LNFT
FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	800	LNFT
FURNISH AND INSTALL 6-INCH WATER VALVE	6	EACH
FURNISH AND INSTALL 8-INCH WATER VALVE	2	EACH
FURNISH, INSTALL AND SALVAGE HYDRANT	1	EACH
RECONNECT 1-INCH SERVICE LATERAL	11	EACH
RECONNECT 1 1/2-INCH SERVICE LATERAL	1	EACH
CUT-IN OR CONNECT TO EXISTING WATER SYSTEM	4	EACH
CUT OFF EXISTING WATER MAIN	1	EACH
ABANDON WATER VALVE BOX	4	EACH
STYROFOAM INSULATION BOARDS	10	EACH
ADJUST WATER VALVE BOX	3	EACH
6-IN MJ PLUG	1	EACH
8-IN MJ PLUG	2	EACH
4-IN 90° BEND	1	EACH
6-IN 90° BEND	2	EACH
6-IN 45° BEND	1	EACH
8X6-IN REDUCER	1	EACH
6X4-IN TEE	1	EACH
6X6-IN TEE	1	EACH
8X6-IN TEE	5	EACH
8X8-IN TEE	1	EACH
INSTALL ANODE	4	EACH

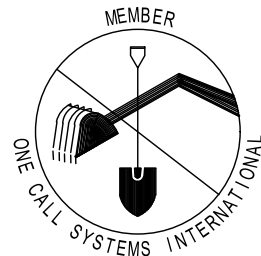
**\*ESTIMATE OF MATERIALS SALVAGED & REUSED:**

5-IN HYDRANT	2	RELOCATE
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\* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN  
 CALL DIGGERS HOTLINE TOLL FREE  
 811 OR 1-800-242-8511  
 FAX-A-LOCATE 1-800-338-3860  
 TDD (FOR HEARING IMPAIRED) 1-800-542-2289

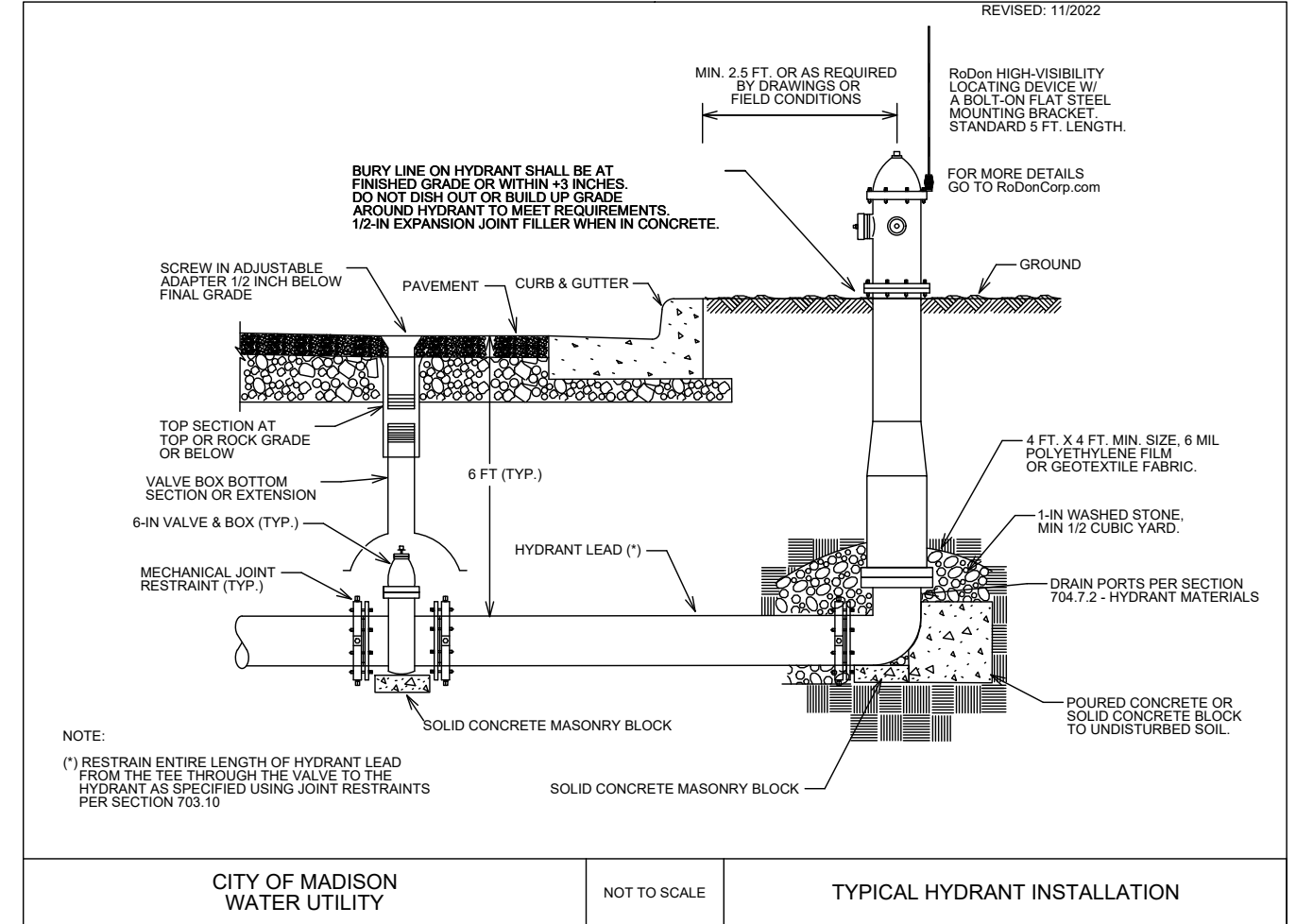
WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

**PART VII - WATER MAINS AND SERVICE LATERALS**

**DETAIL DRAWING NO. 7.04**  
 REVISED: 11/2022



CITY OF MADISON  
 WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

MARK	REVISION	DATE	BY
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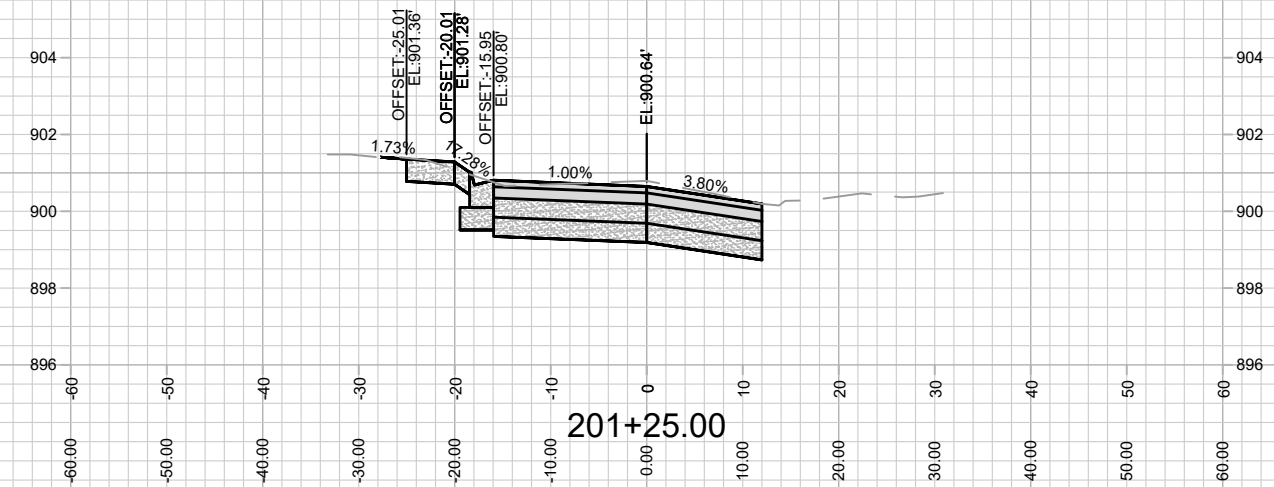
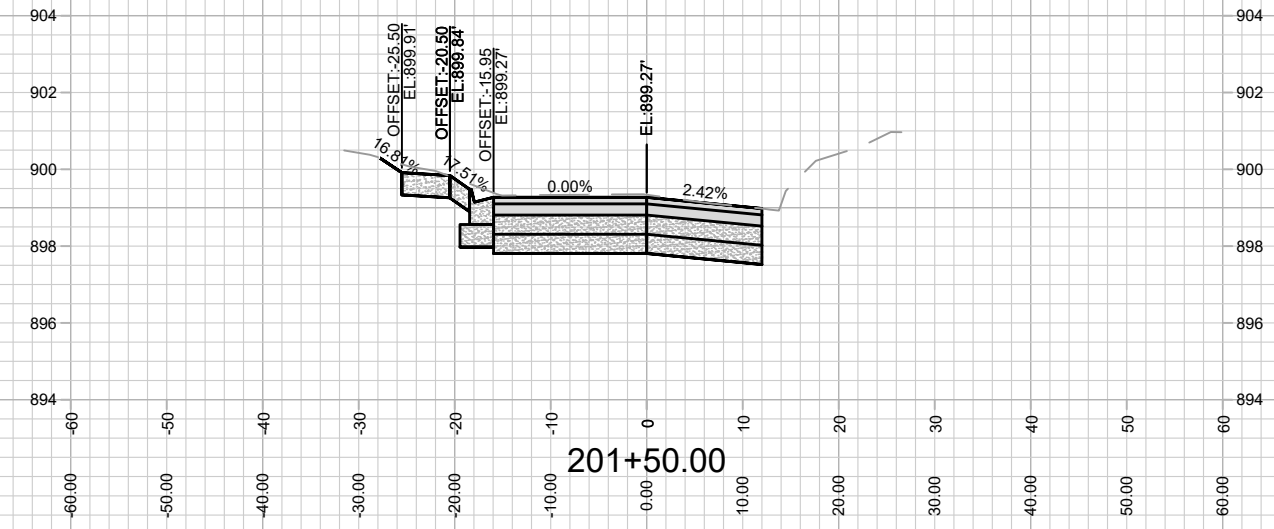
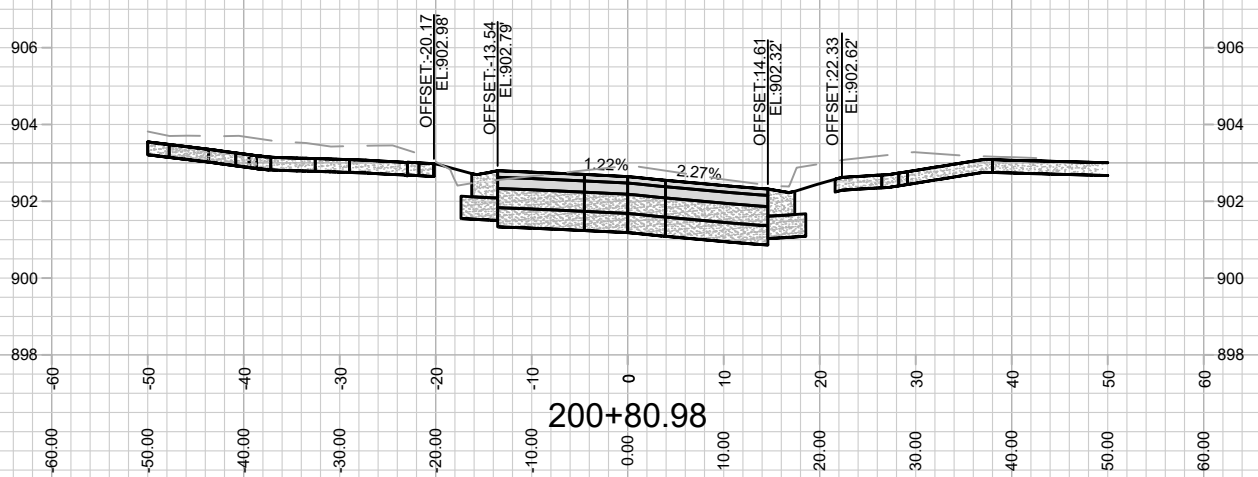
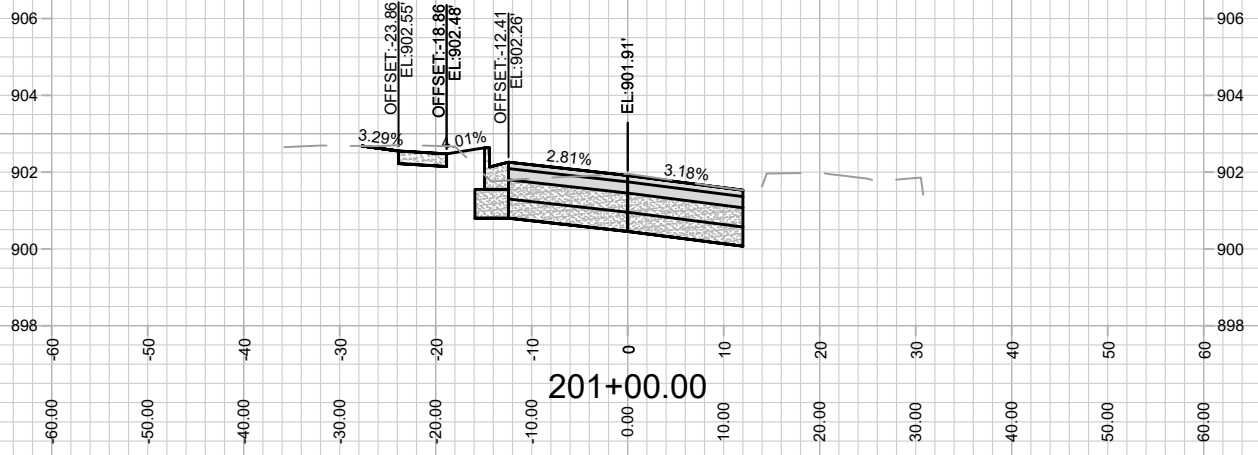
14081  
 MADISON, WI  
 8711  
 CONTRACT NO:

WATER ESTIMATE OF MATERIALS  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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14081  
 W-6

REVISION#1



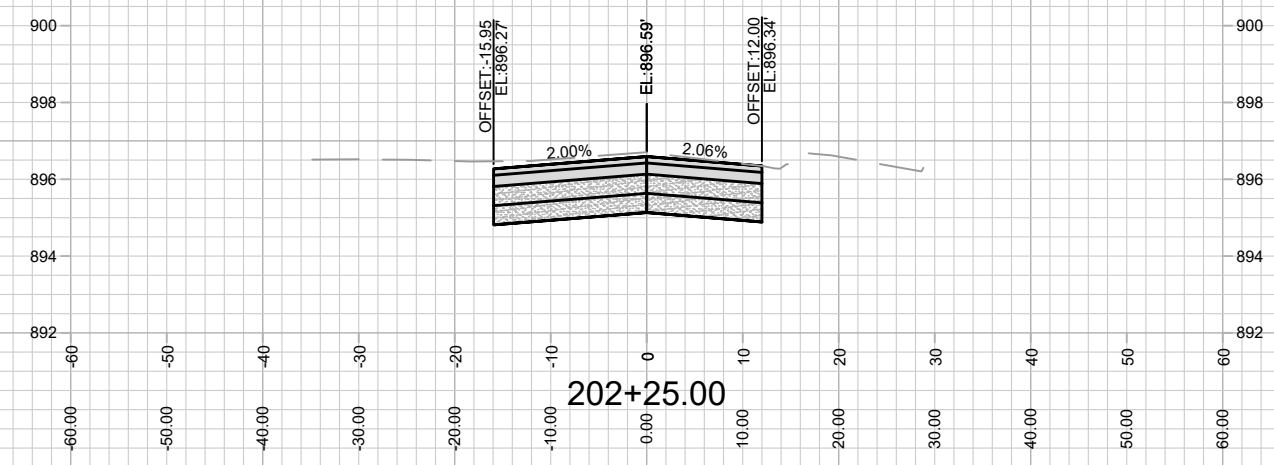
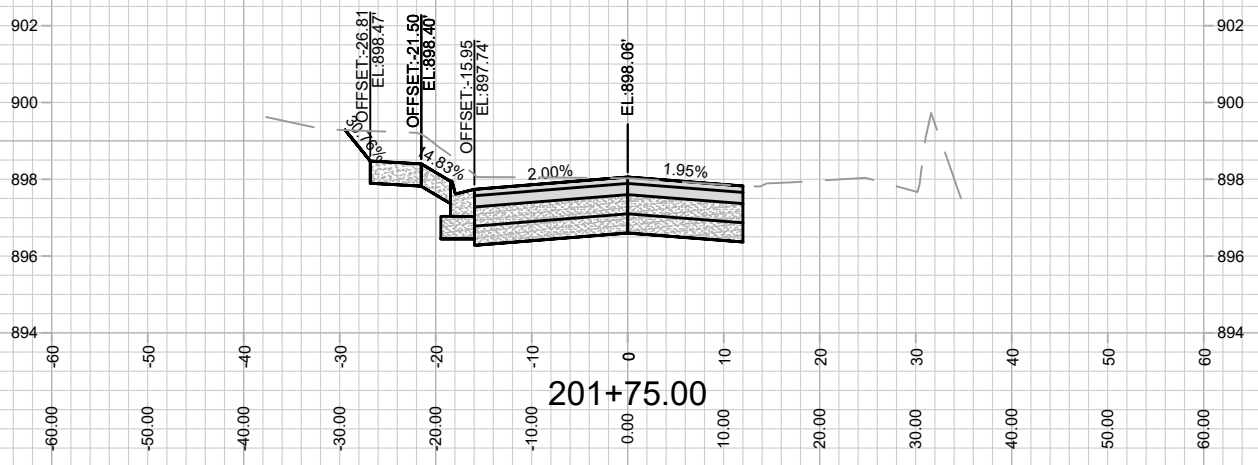
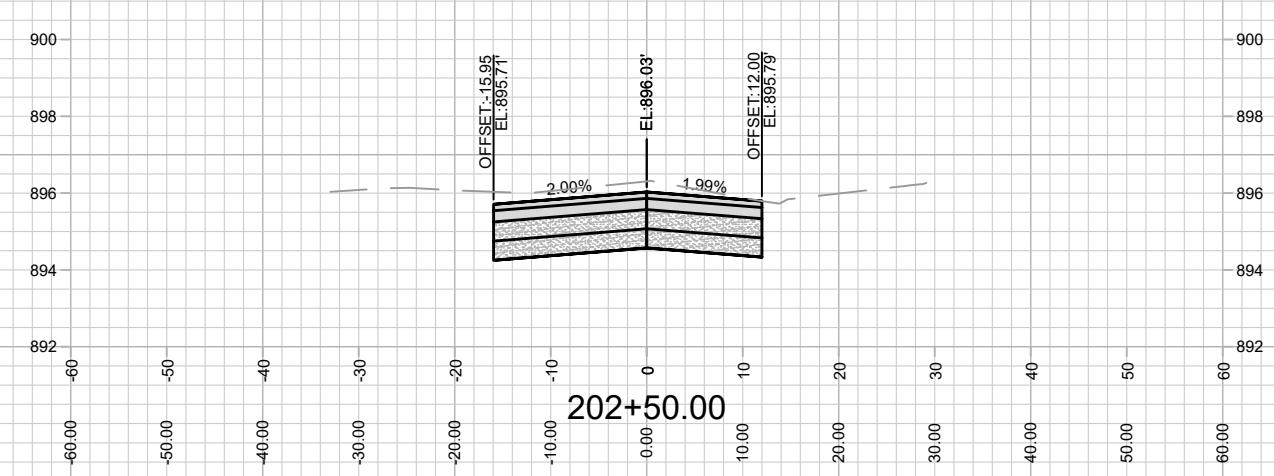
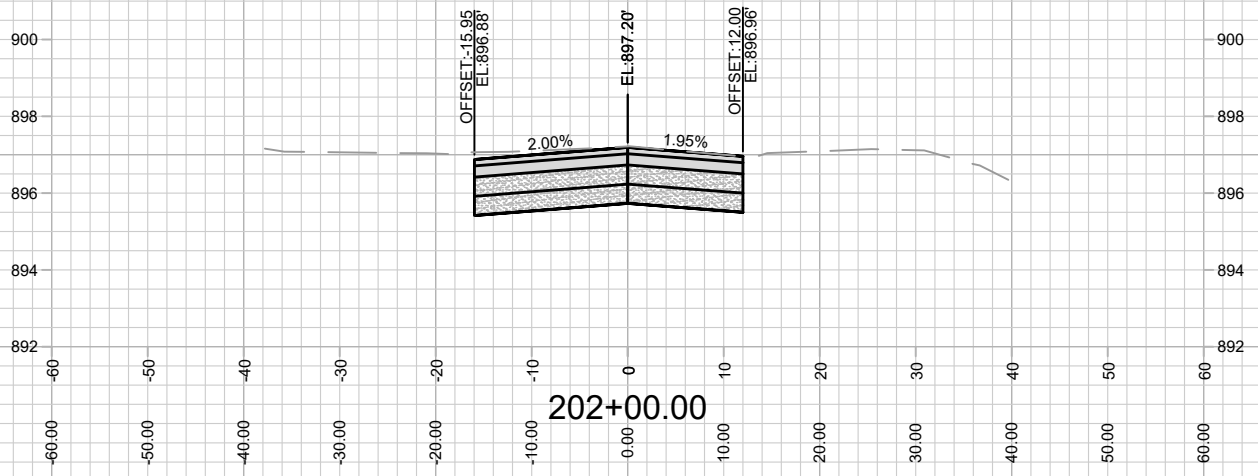
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DESIGNED BY	14081	DATE
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14081  
 MADISON, WI  
 CONTRACT NO: 8711  
 CROSS SECTIONS - SCHMITT PLACE  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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REVISION#1



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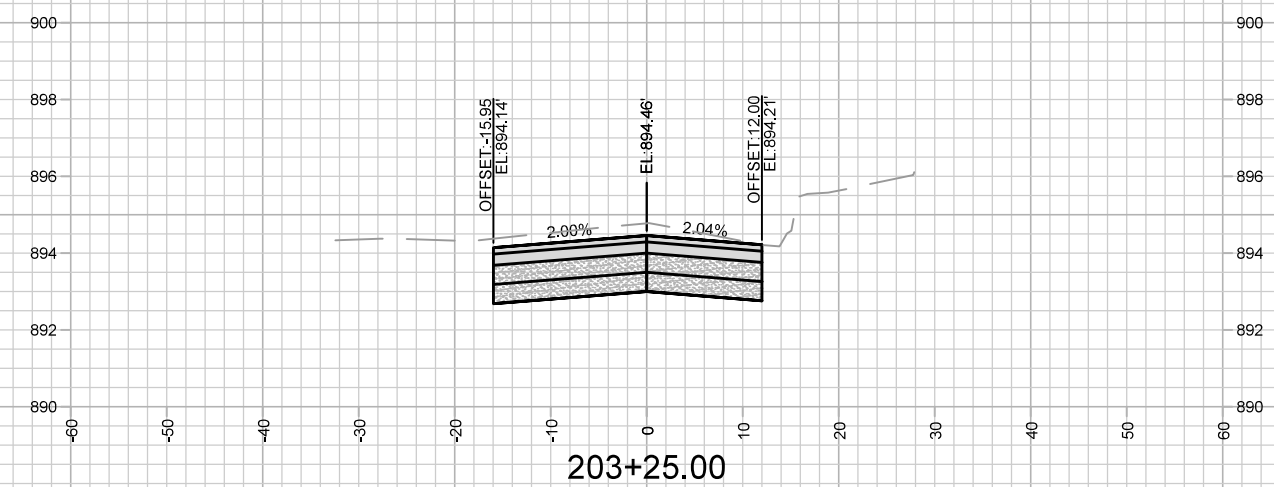
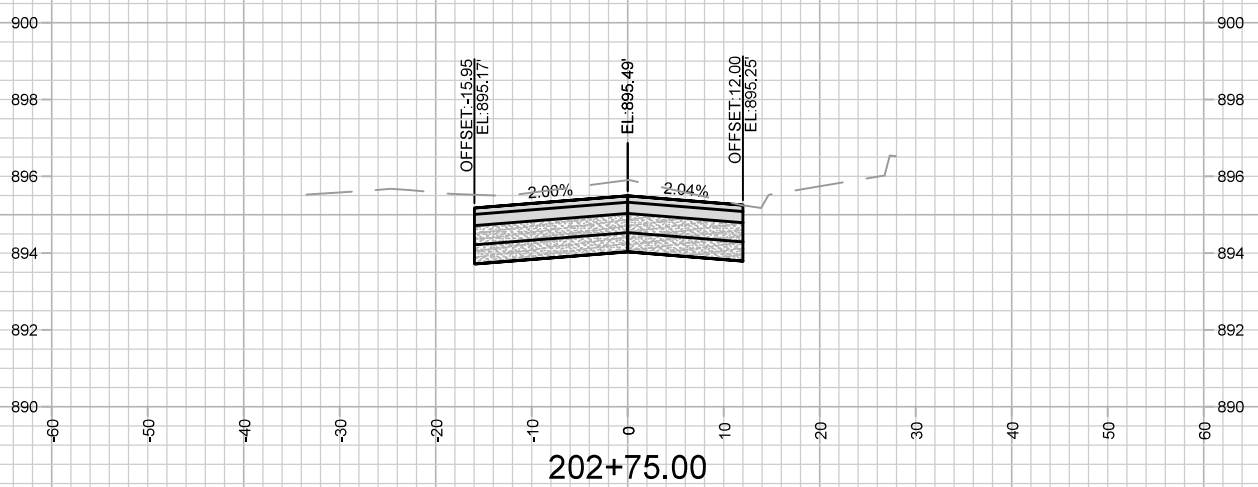
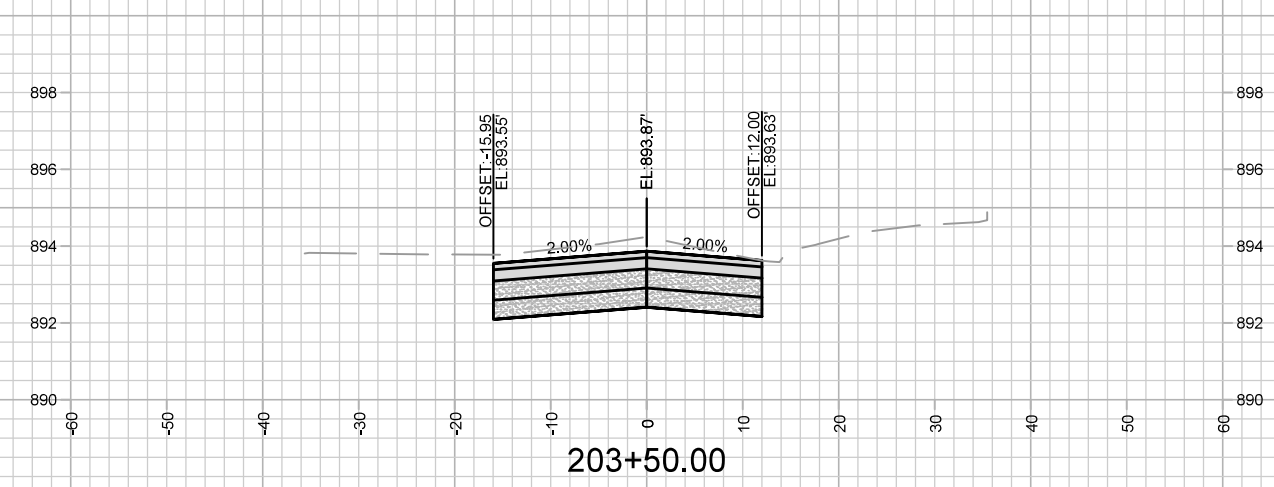
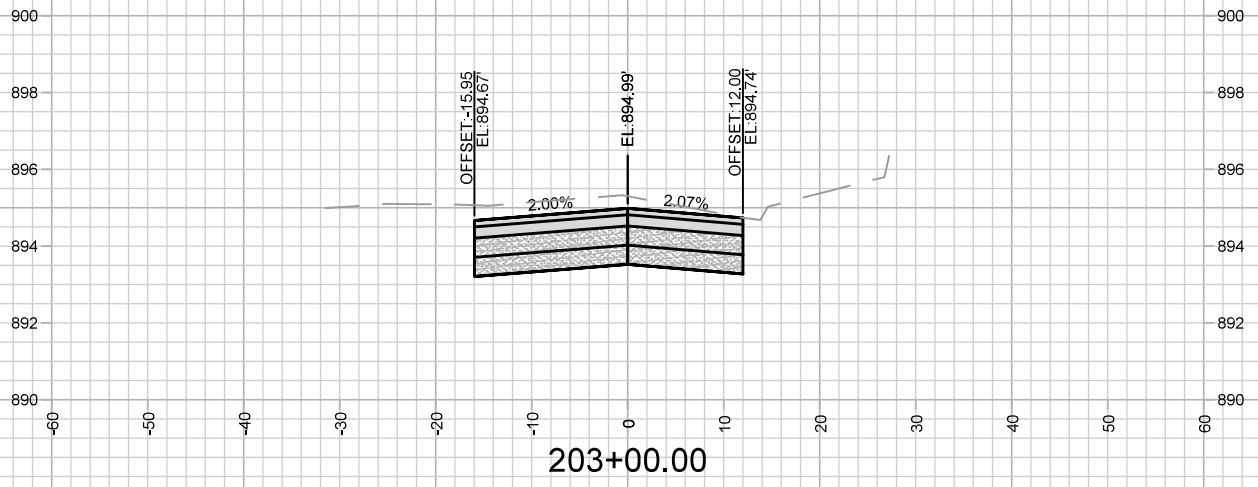
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8711  
CONTRACT NO:

CROSS SECTIONS - SCHMITT PLACE  
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION

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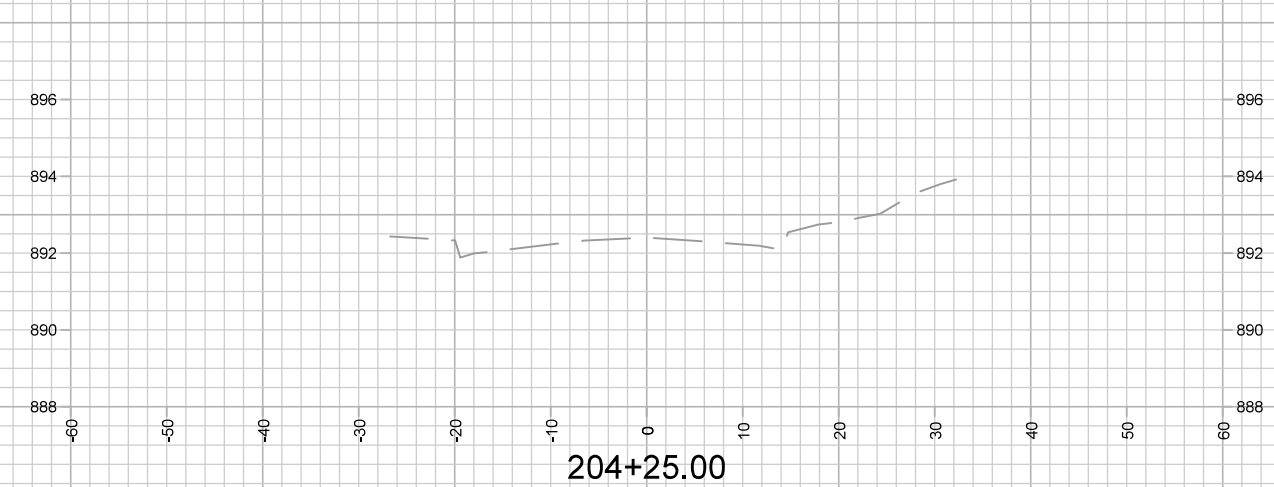
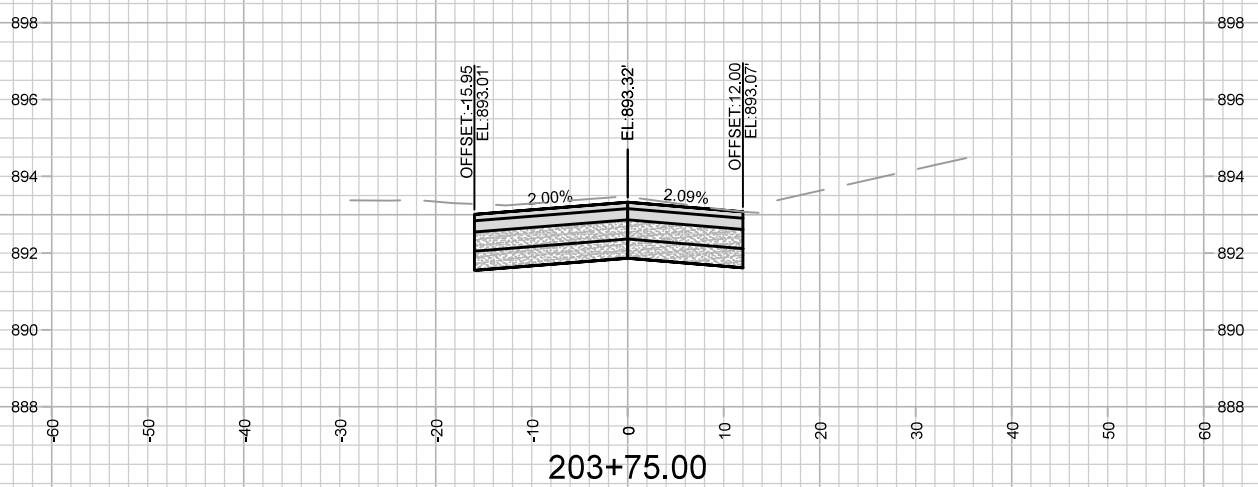
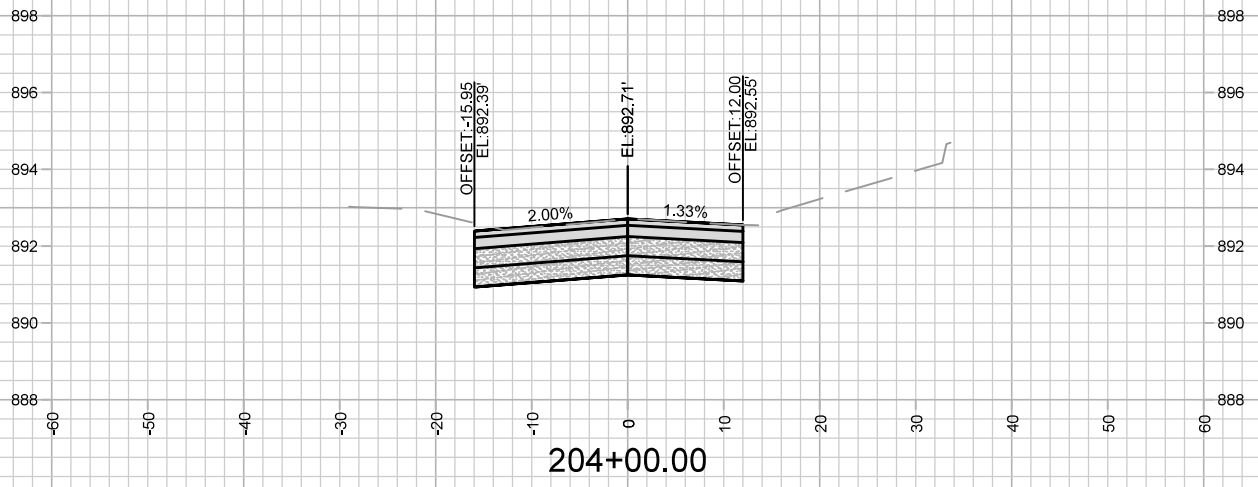


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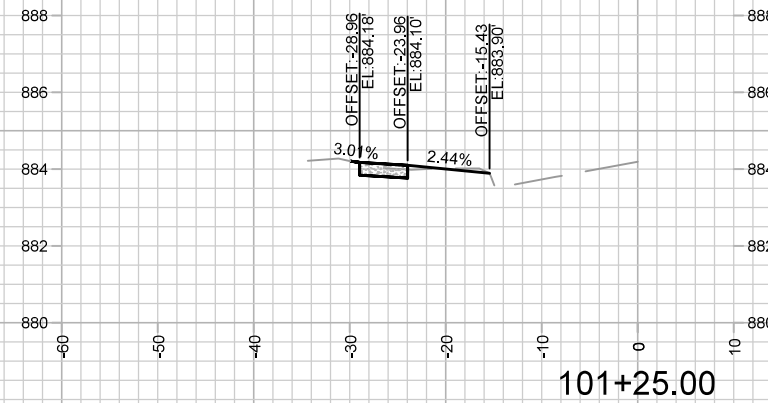
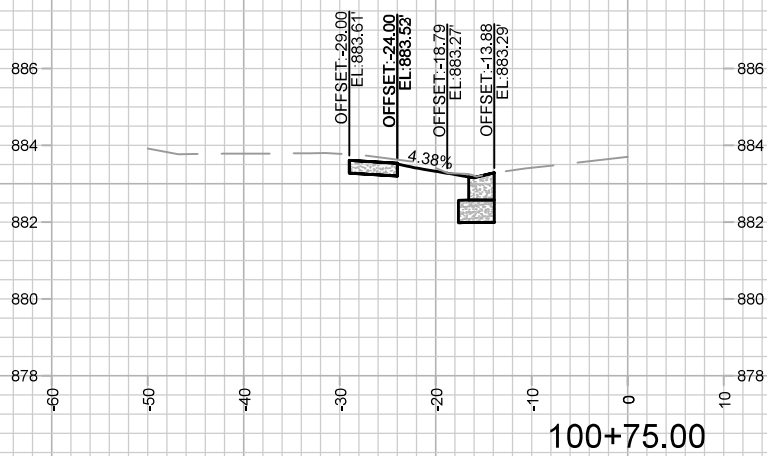
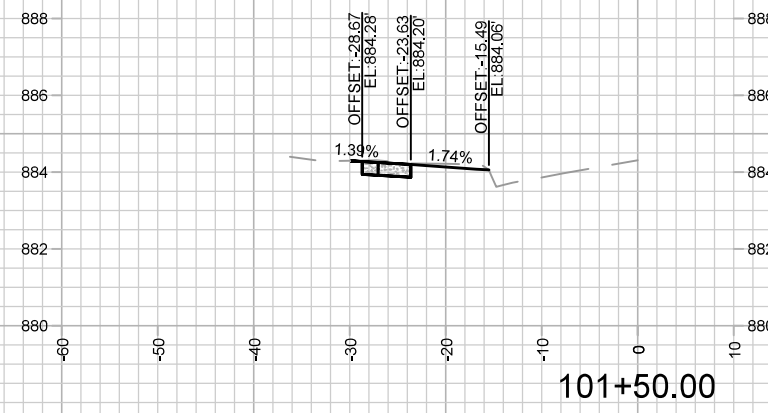
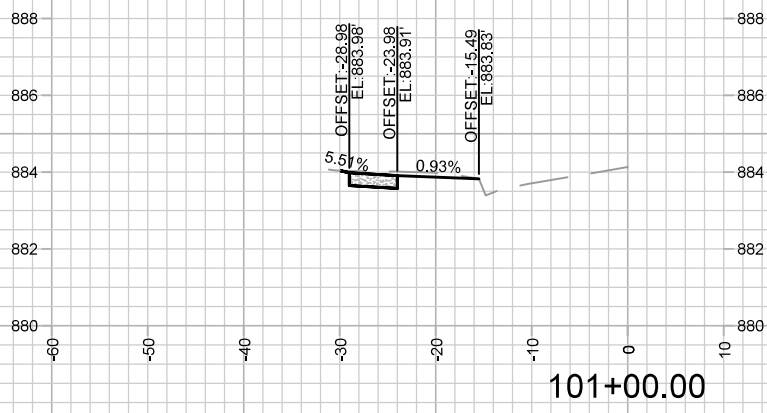
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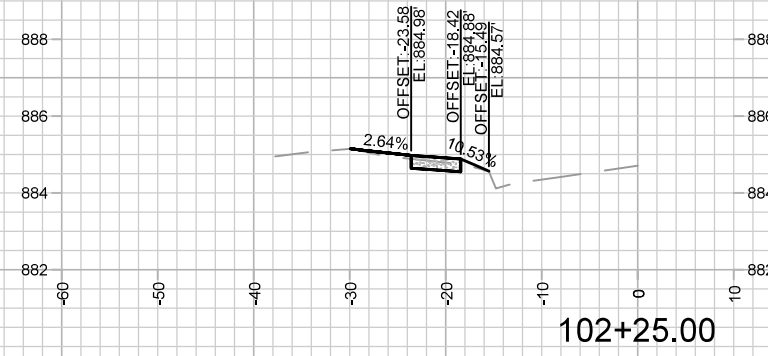
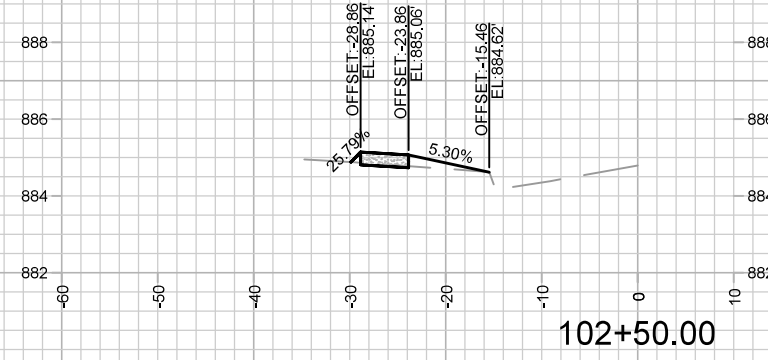
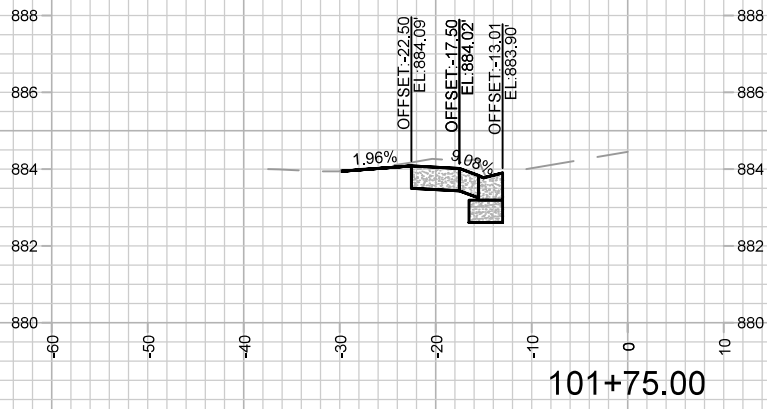
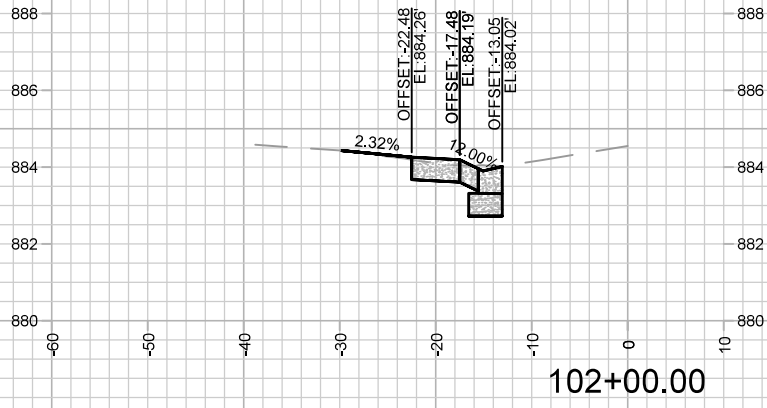
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CROSS SECTIONS - HARVEY STREET 14081  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION MADISON, WI  
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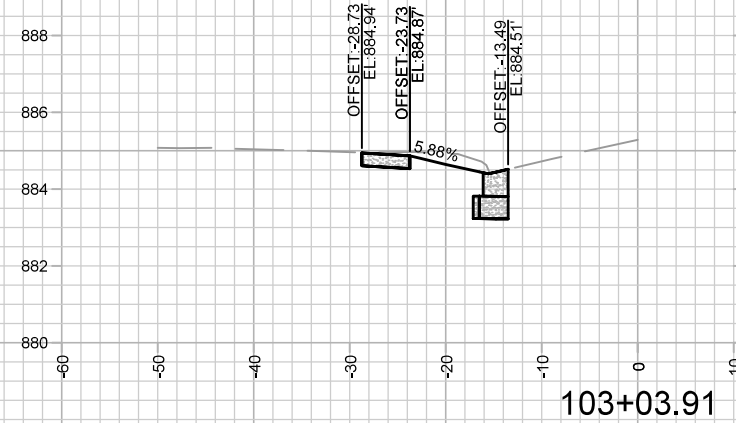
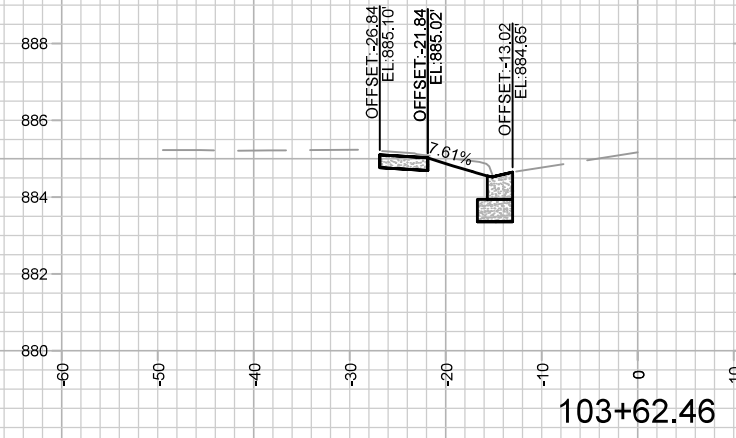
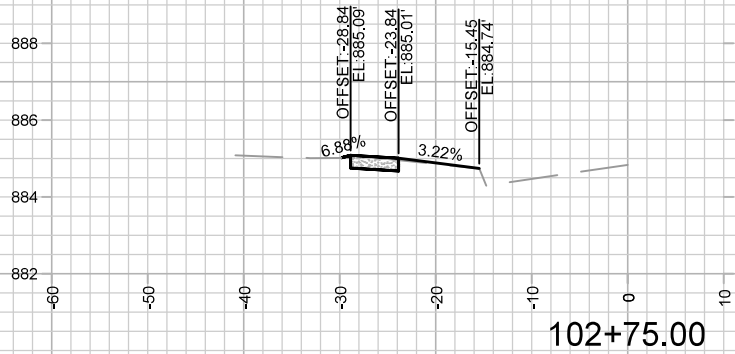
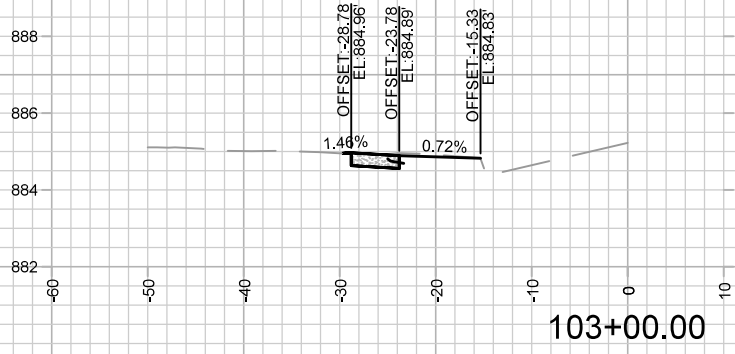
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CROSS SECTIONS - HARVEY STREET  
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 MADISON, WI  
 CONTRACT NO: 8711

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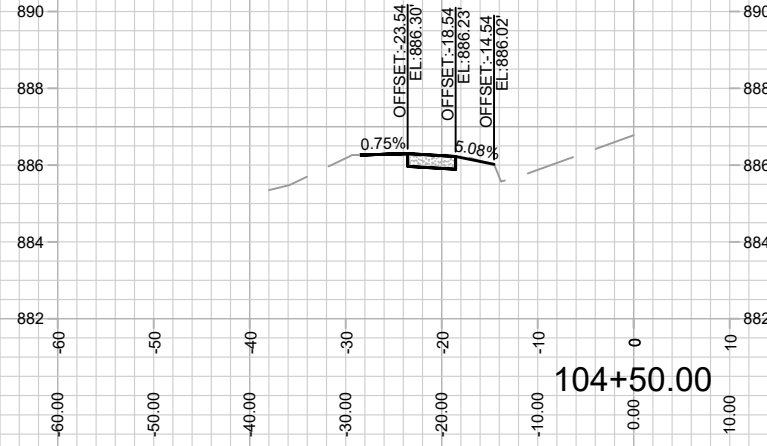
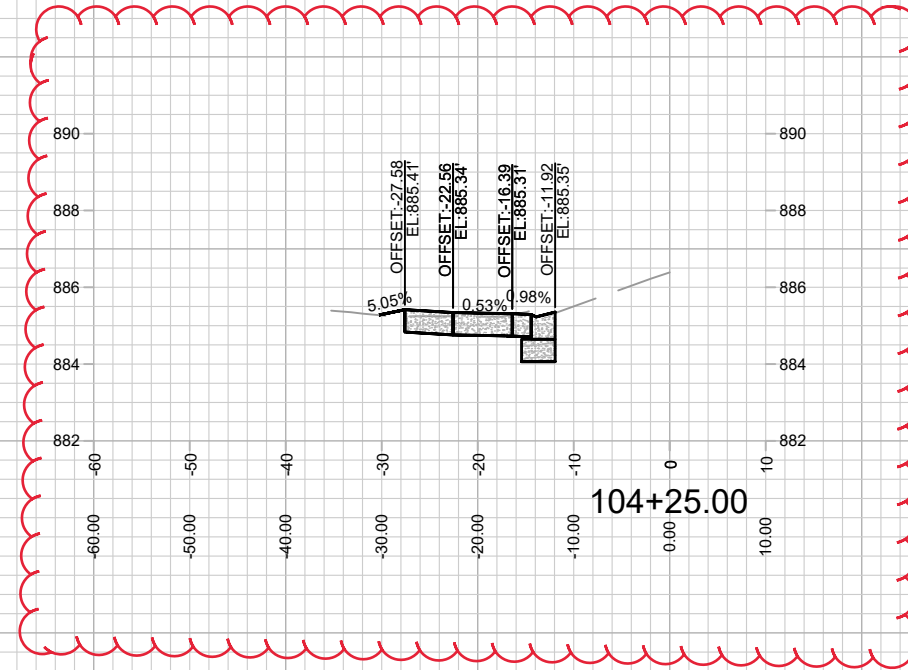
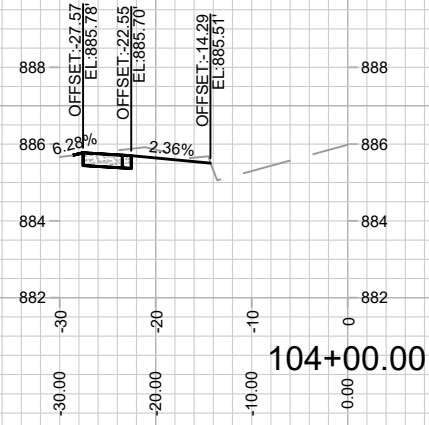
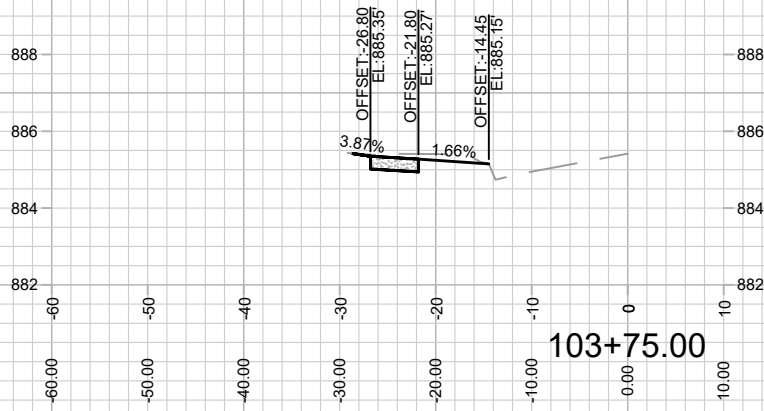
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REVISION #3 - IO - 3/6/24  
 -Slopes corrected.



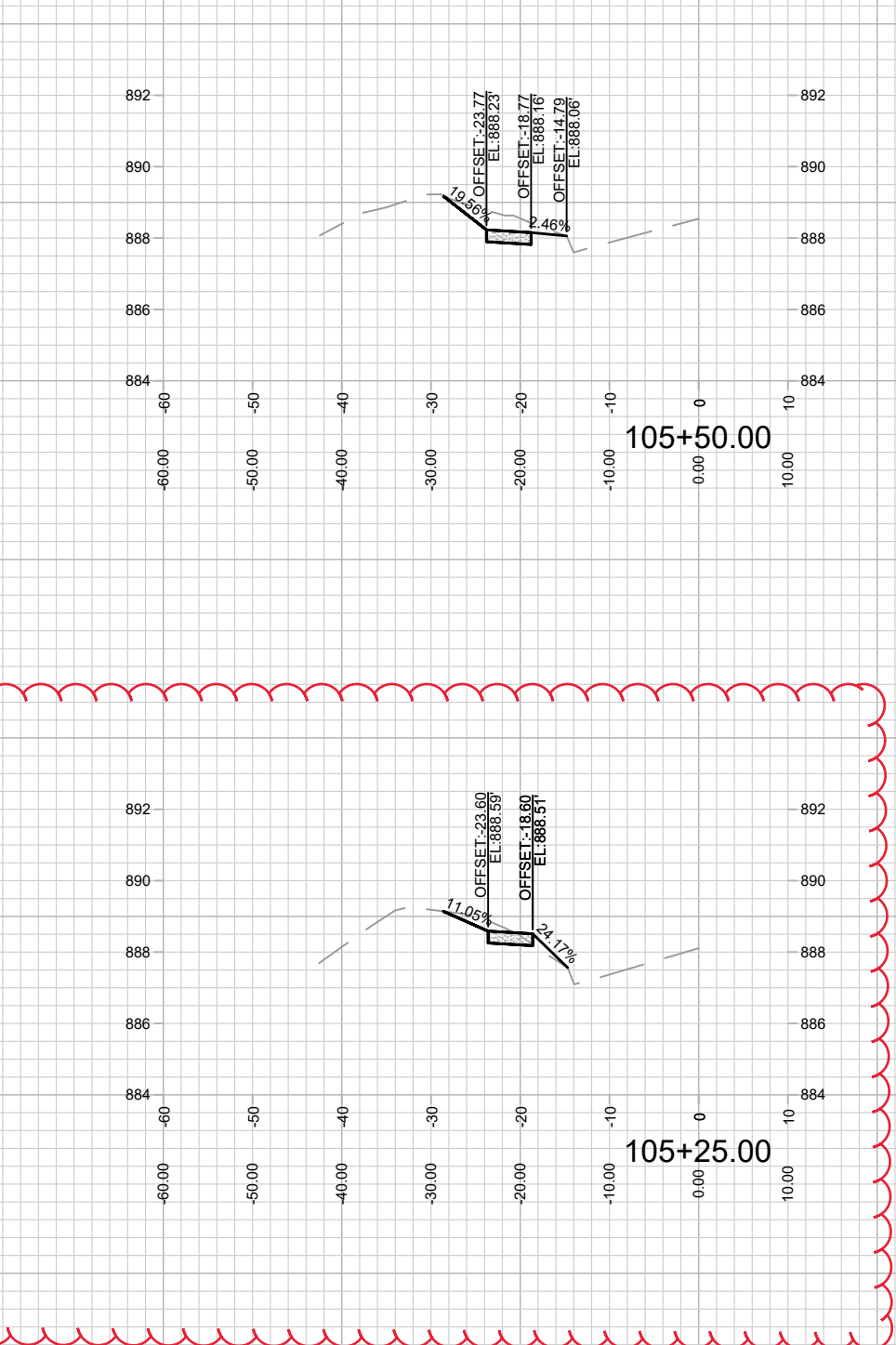
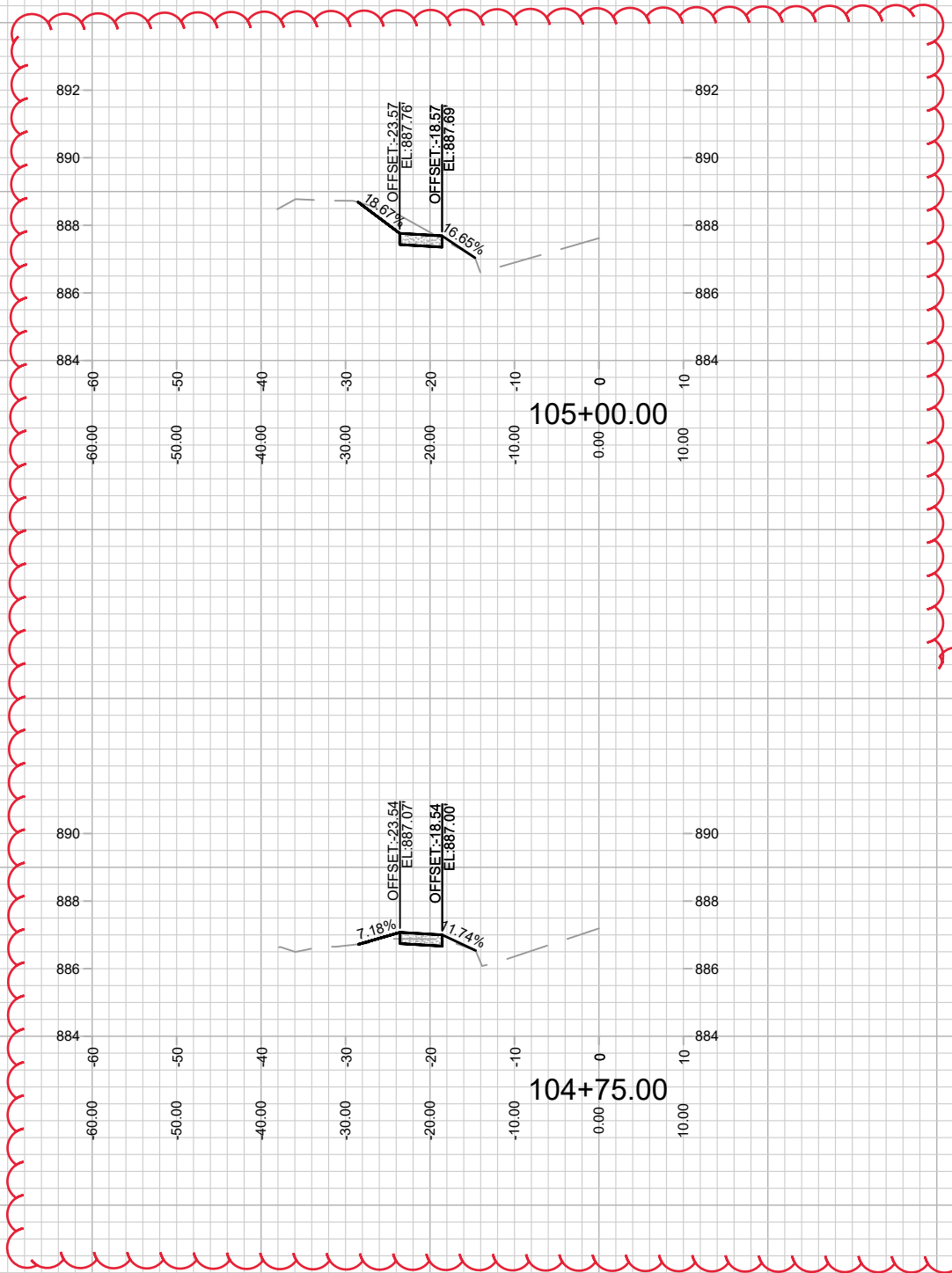
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14081  
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 CONTRACT NO: 8711

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REVISION #3 - IO - 3/6/24  
 - Sidewalk realigned between  
 stations 204+60 and 205+31.



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14081	14081	14081	14081

CROSS SECTIONS - HARVEY STREET  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
 MADISON, WI  
 CONTRACT NO: 8711  
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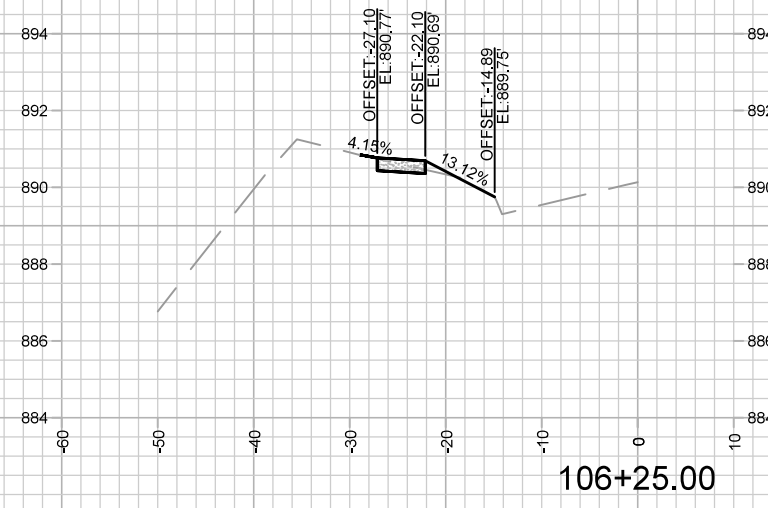
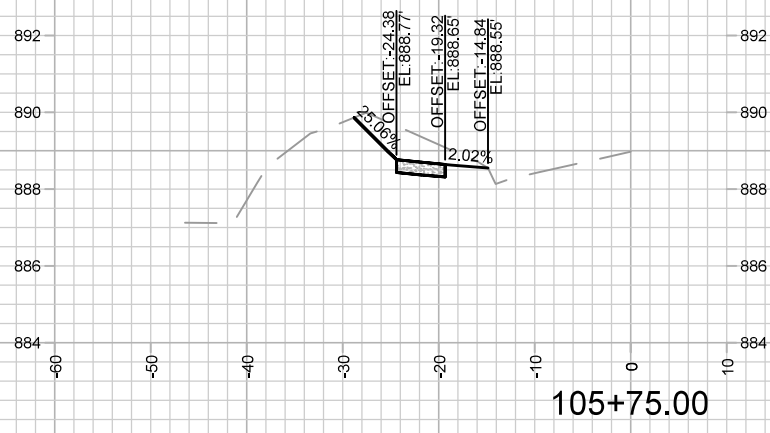
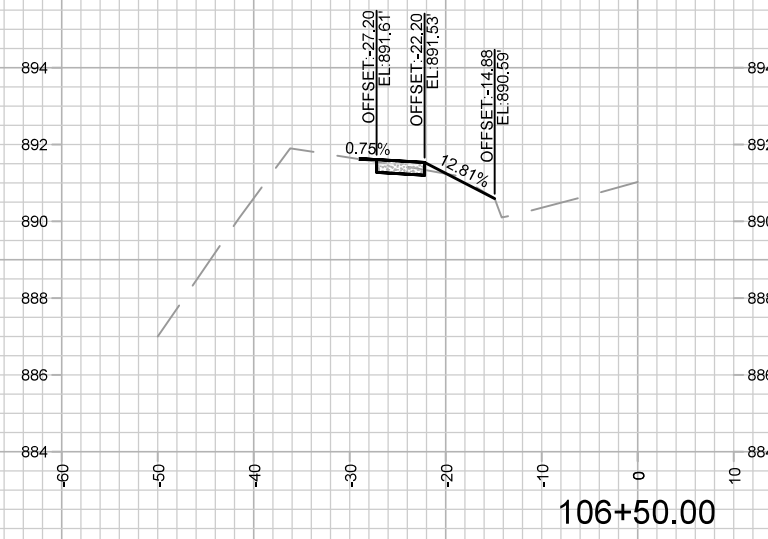
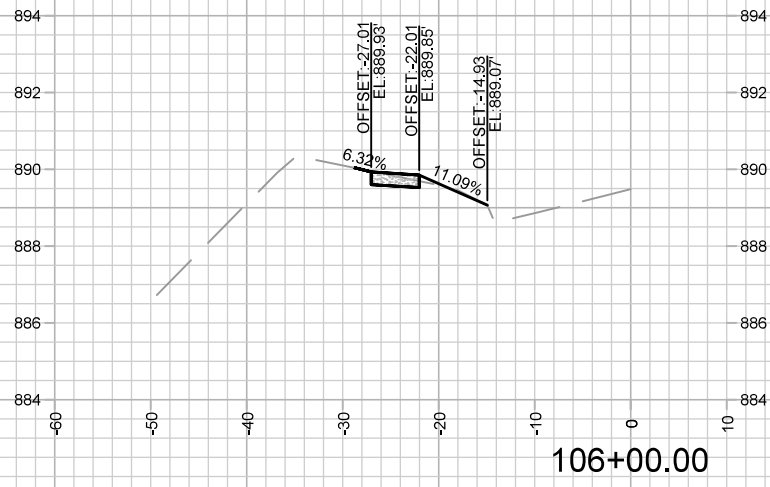


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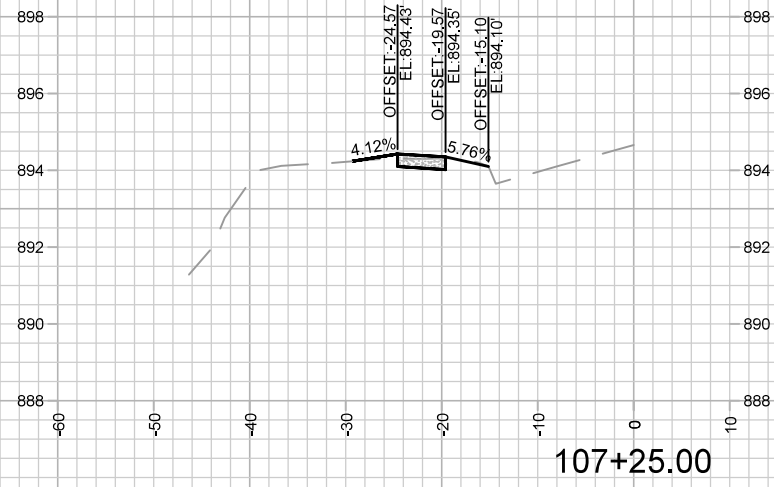
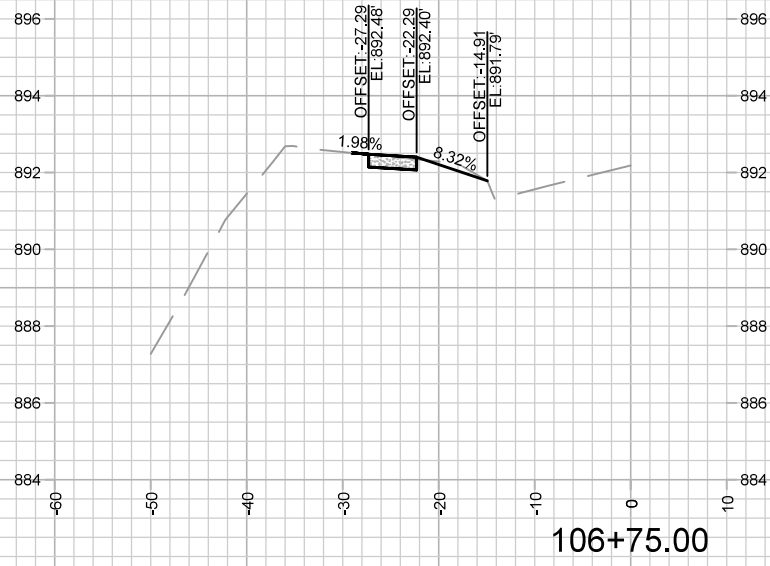
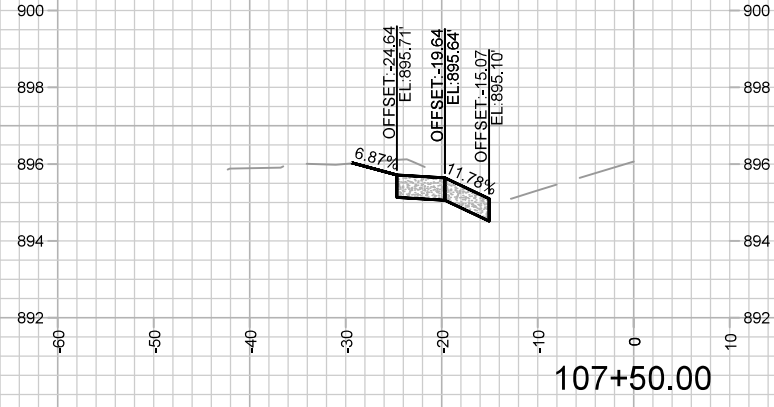


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 X-10



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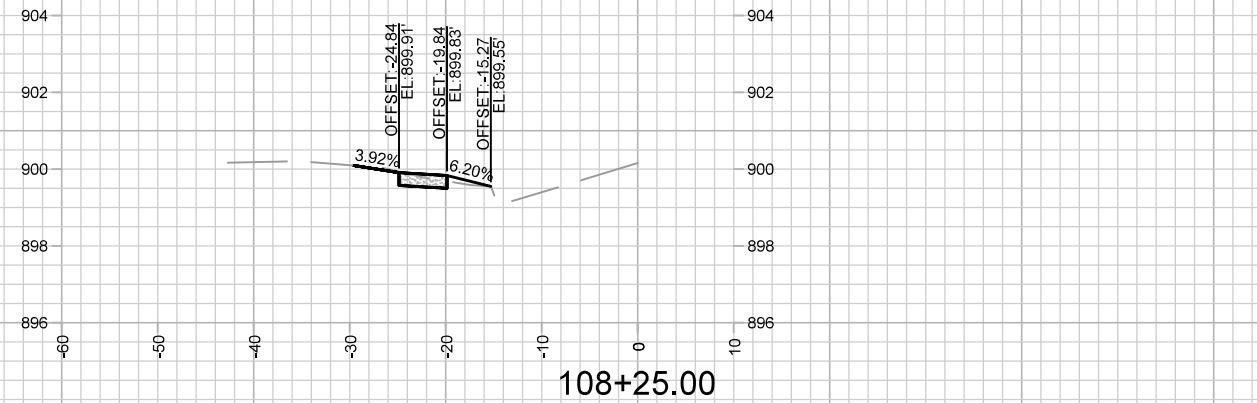
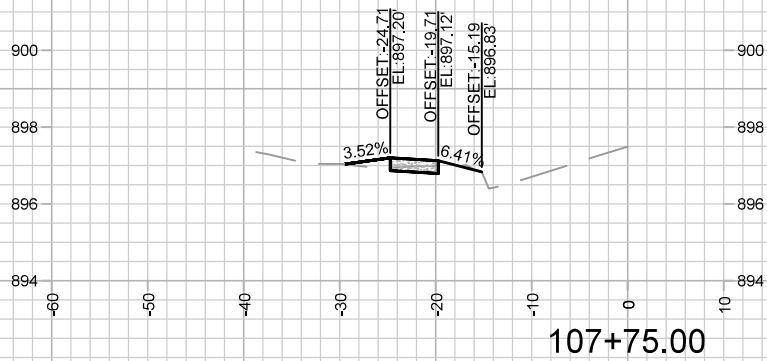
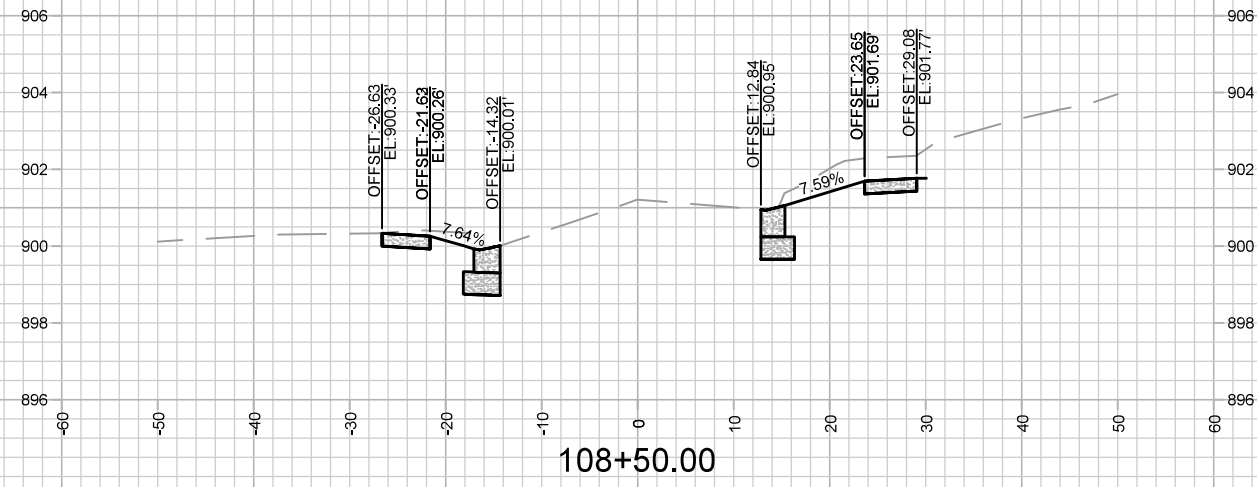
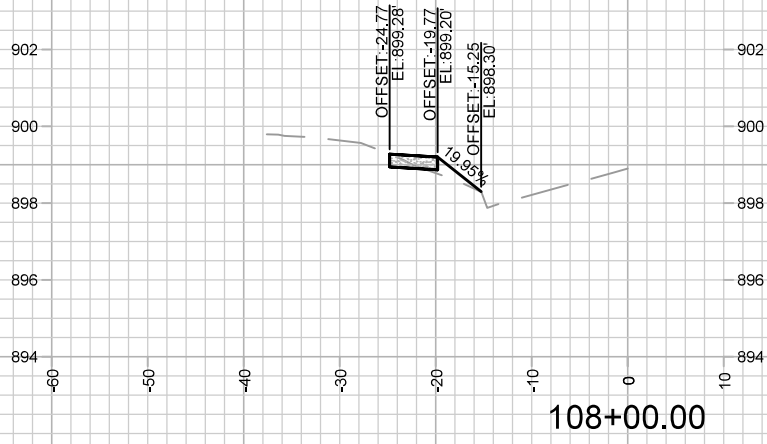
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 MADISON, WI  
 8711  
 CONTRACT NO:

CROSS SECTIONS - HARVEY STREET  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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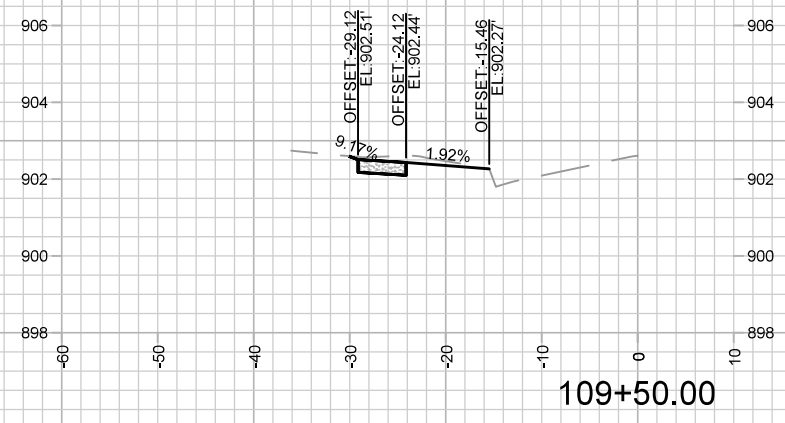
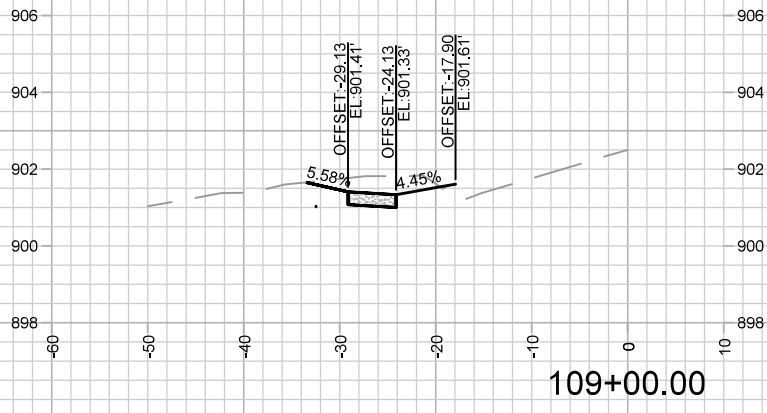
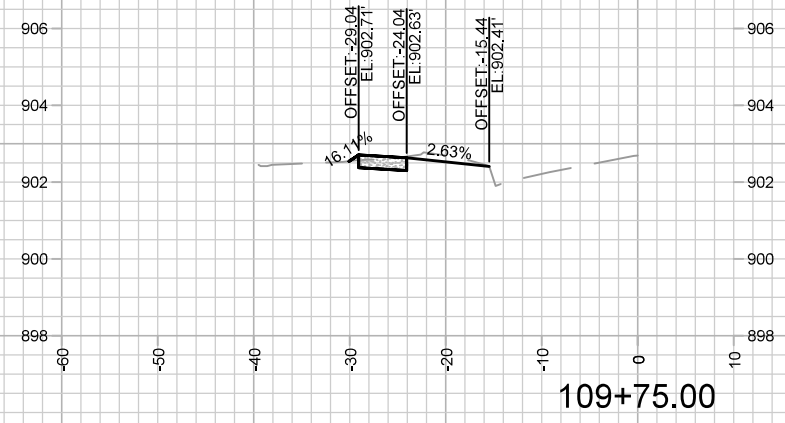
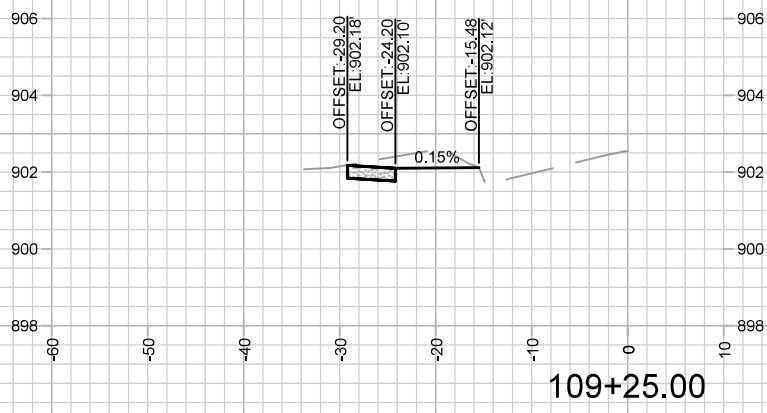


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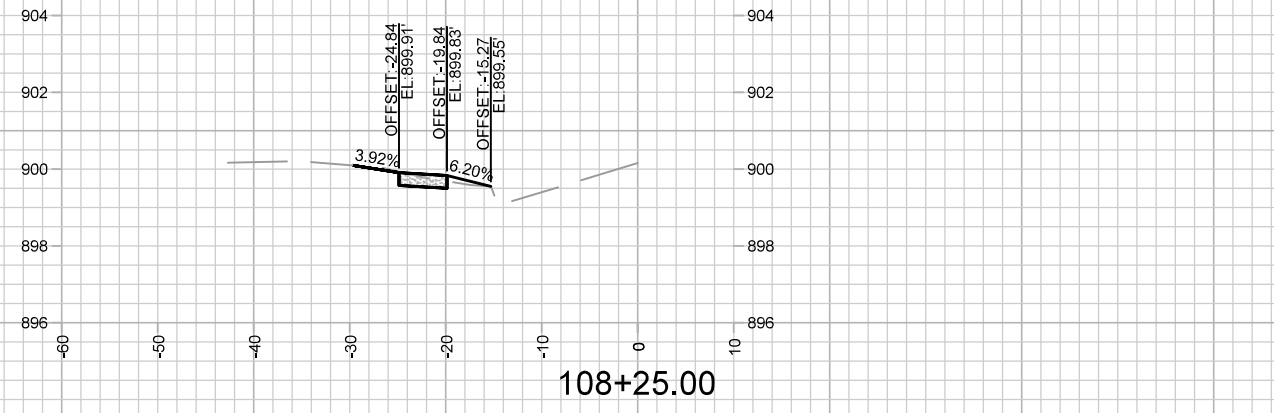
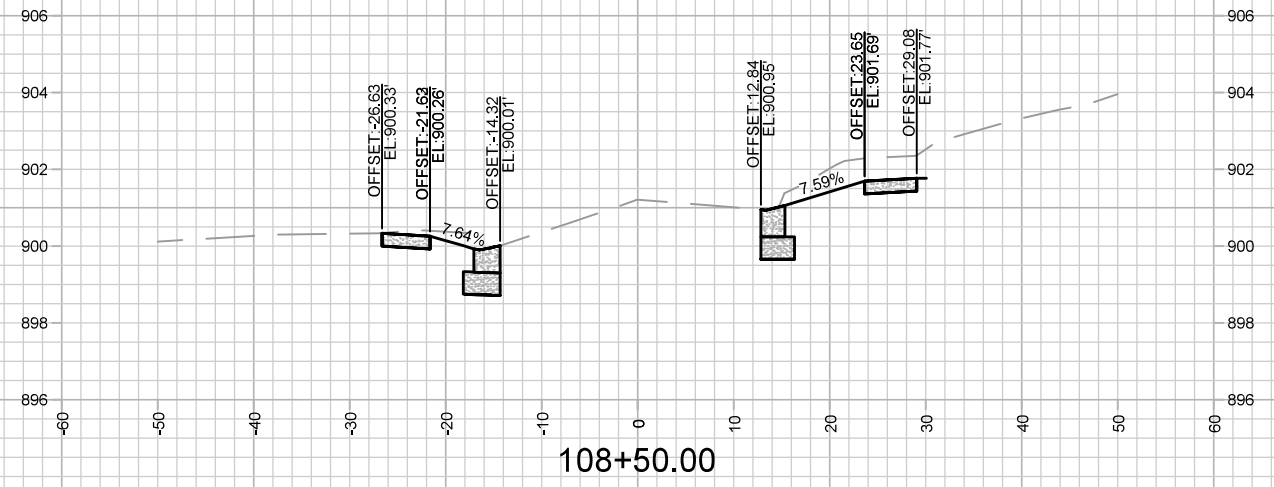
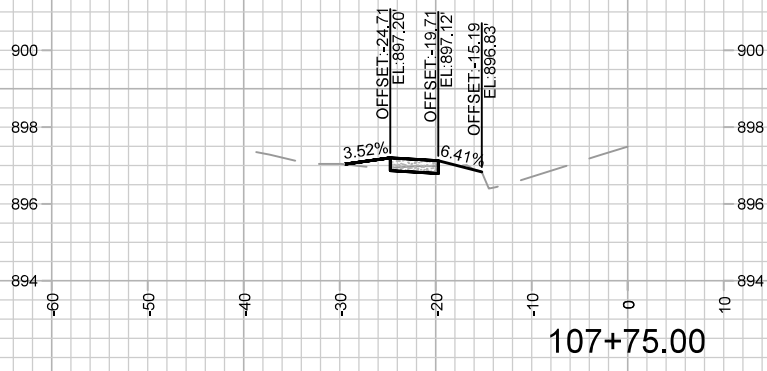
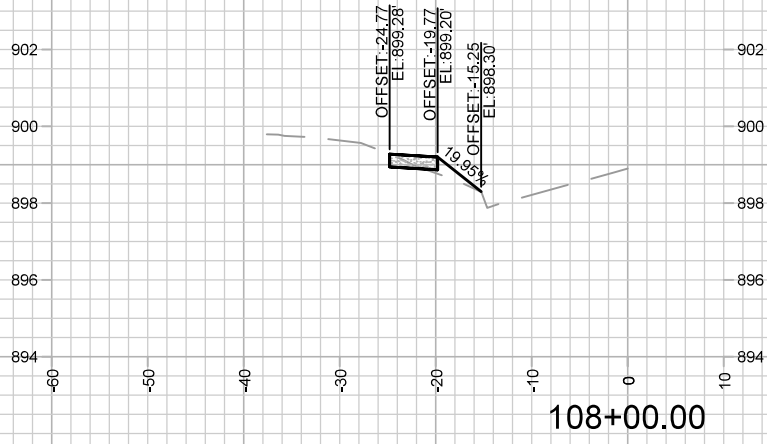


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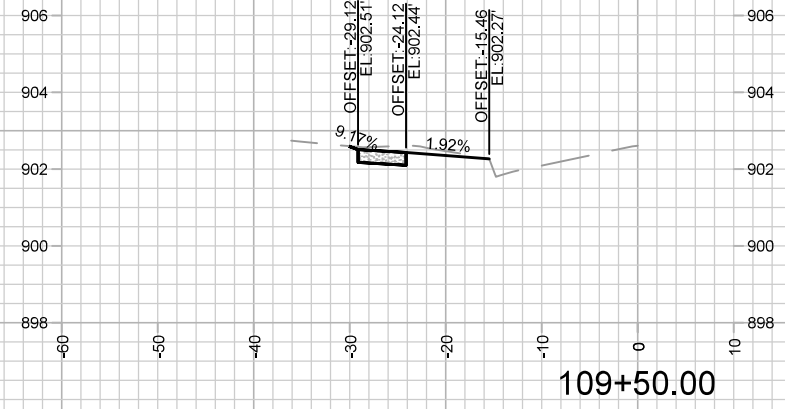
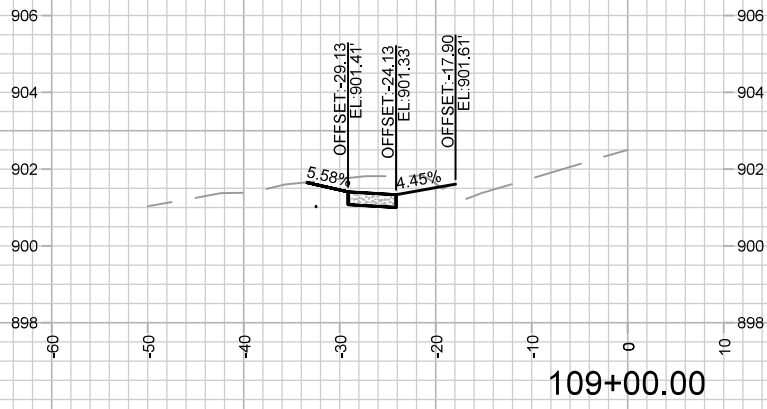
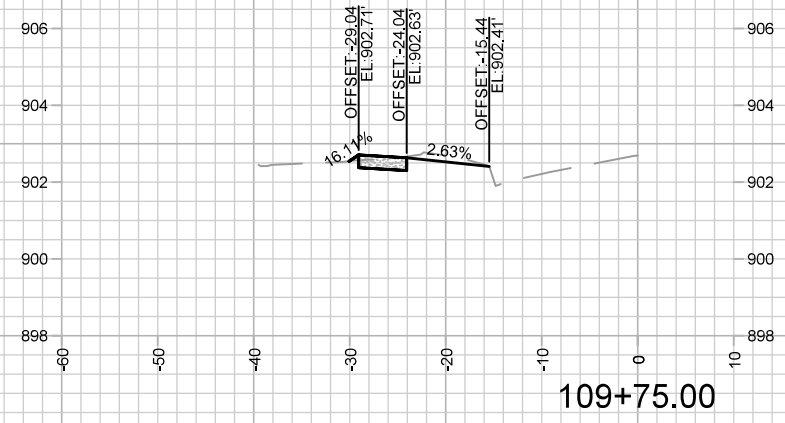
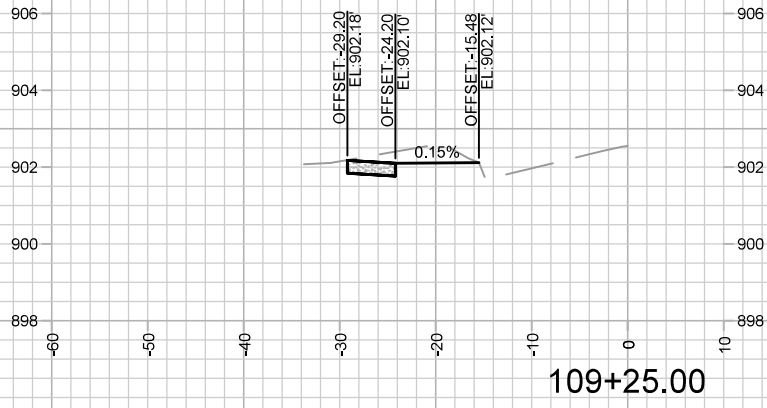
CROSS SECTIONS - HARVEY STREET  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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14081  
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14081  
 MADISON, WI  
 8711  
 CONTRACT NO:

Designed By: ID  
 14081  
 Date: 11/3/2023 10:18 AM  
 Scale: 1" = 20'  
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14081  
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CROSS SECTIONS - HARVEY STREET  
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION

14081  
MADISON, WI

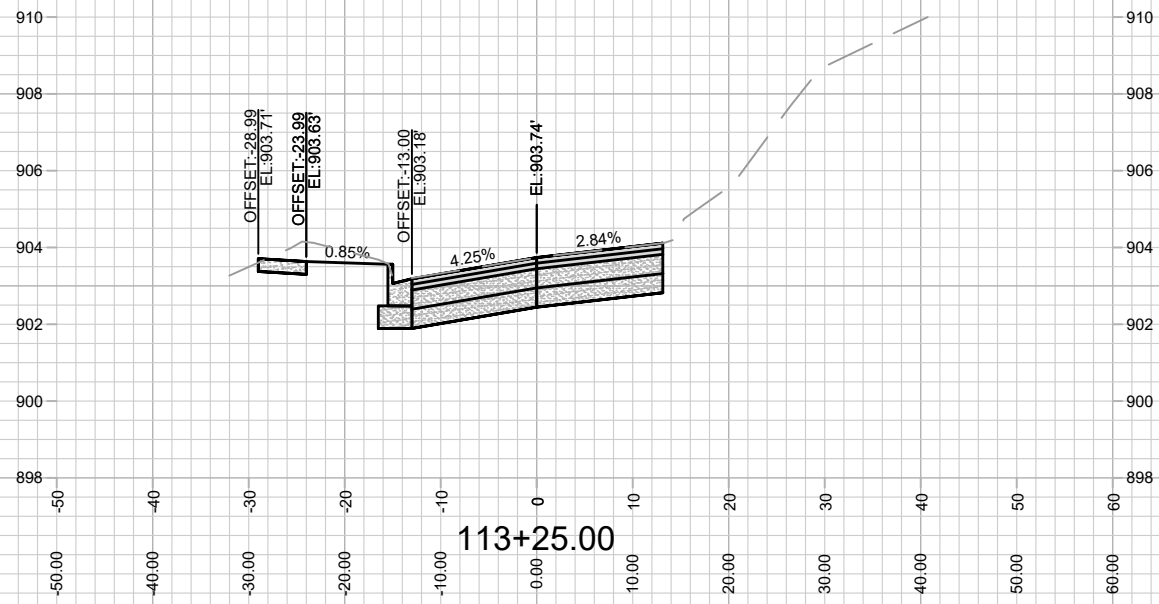
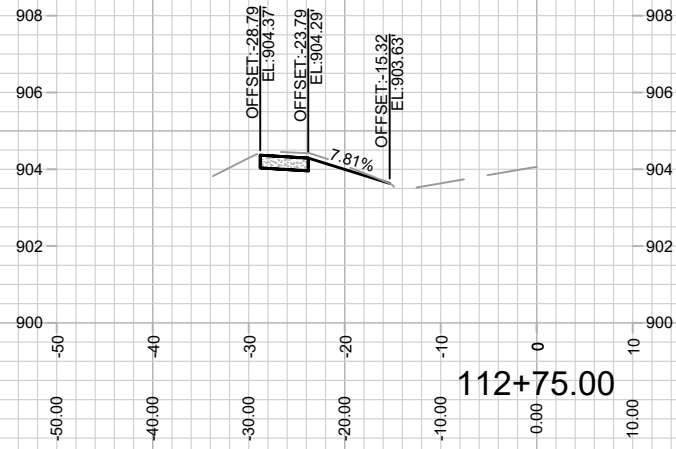
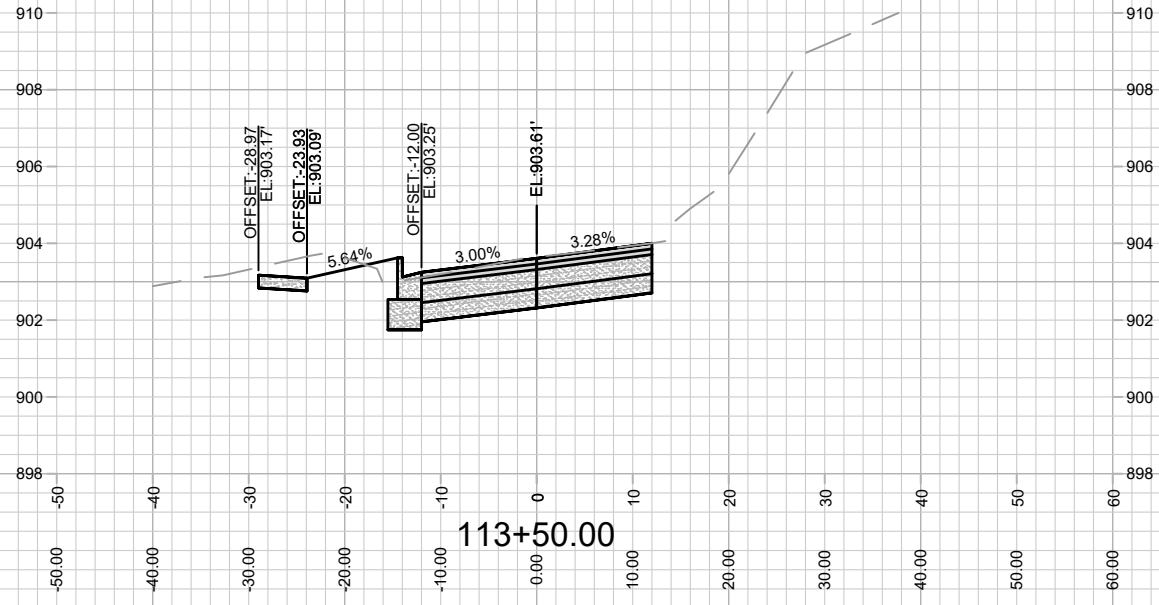
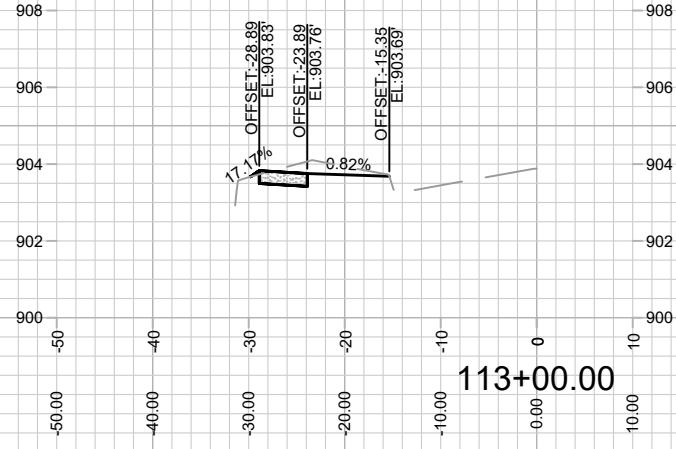
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CONTRACT NO: 8711

REVISION#1



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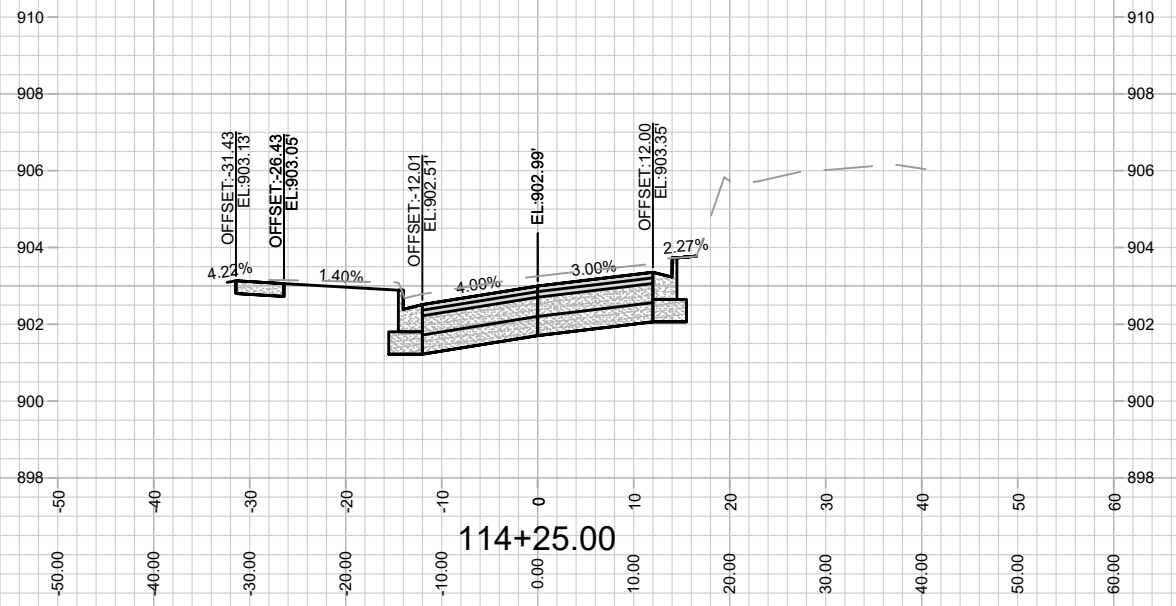
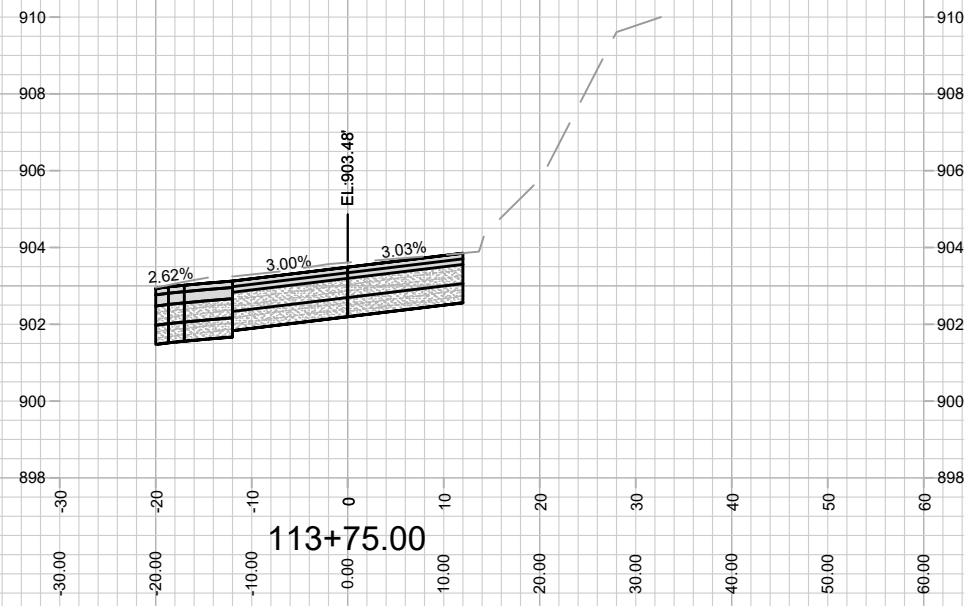
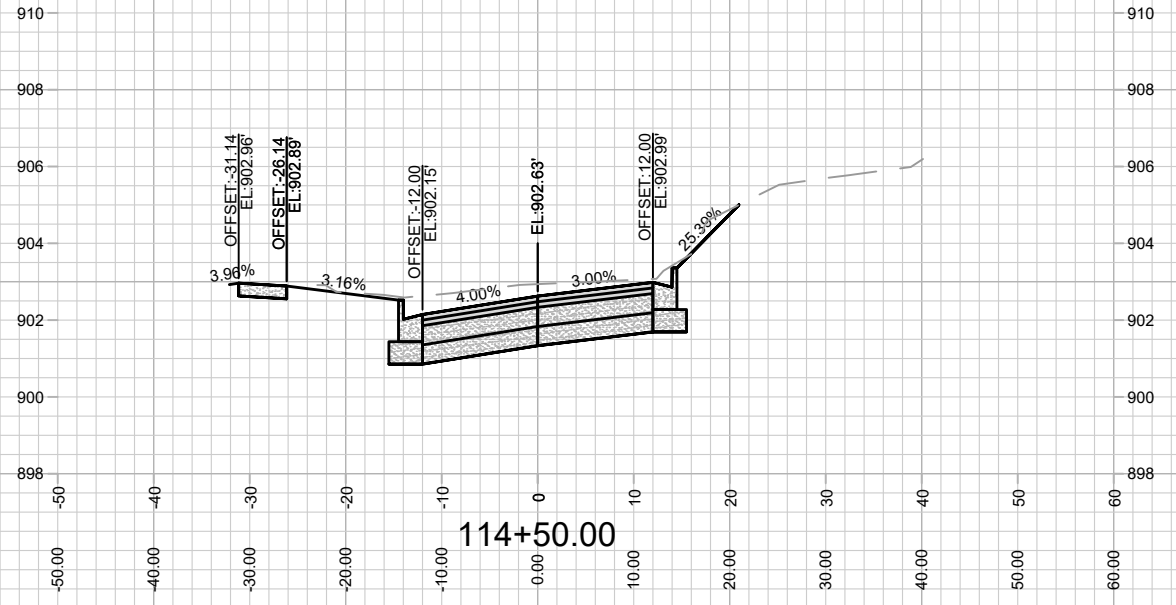
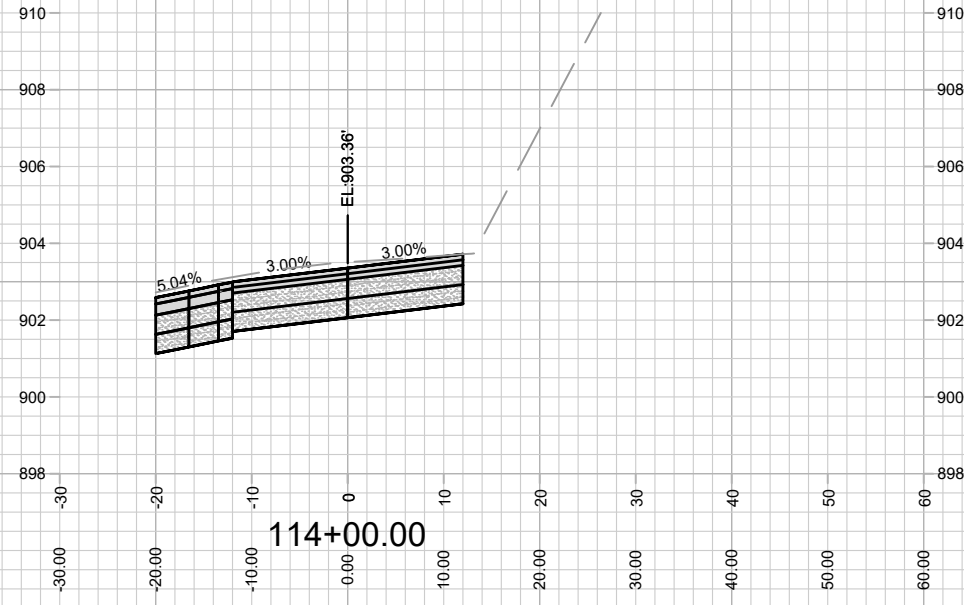
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 MADISON, WI  
 CONTRACT NO: 8711

CROSS SECTIONS - HARVEY STREET  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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14081  
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REVISION#1



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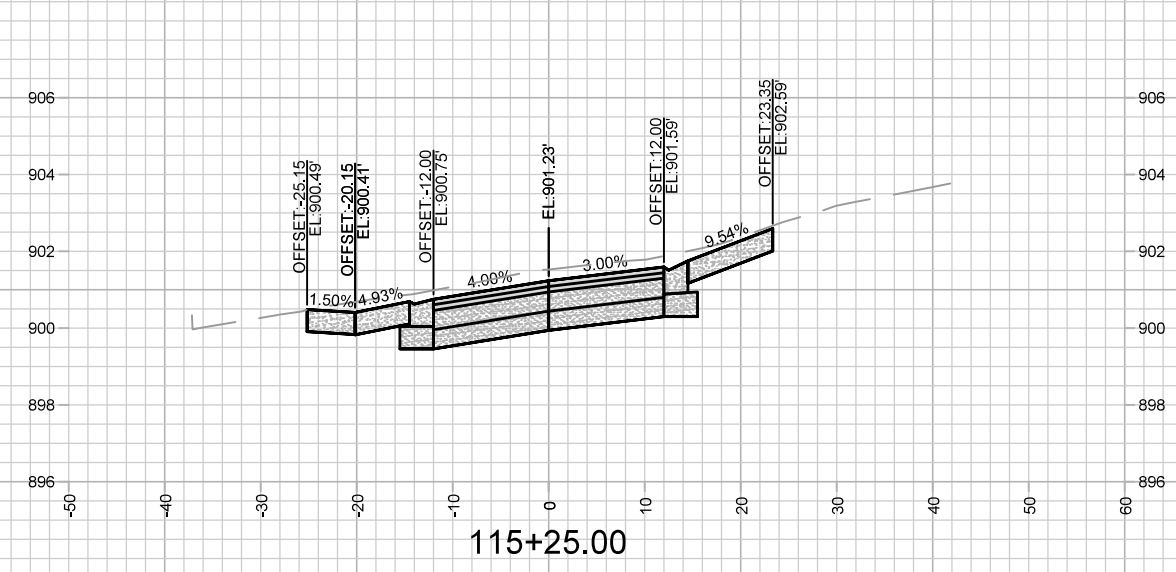
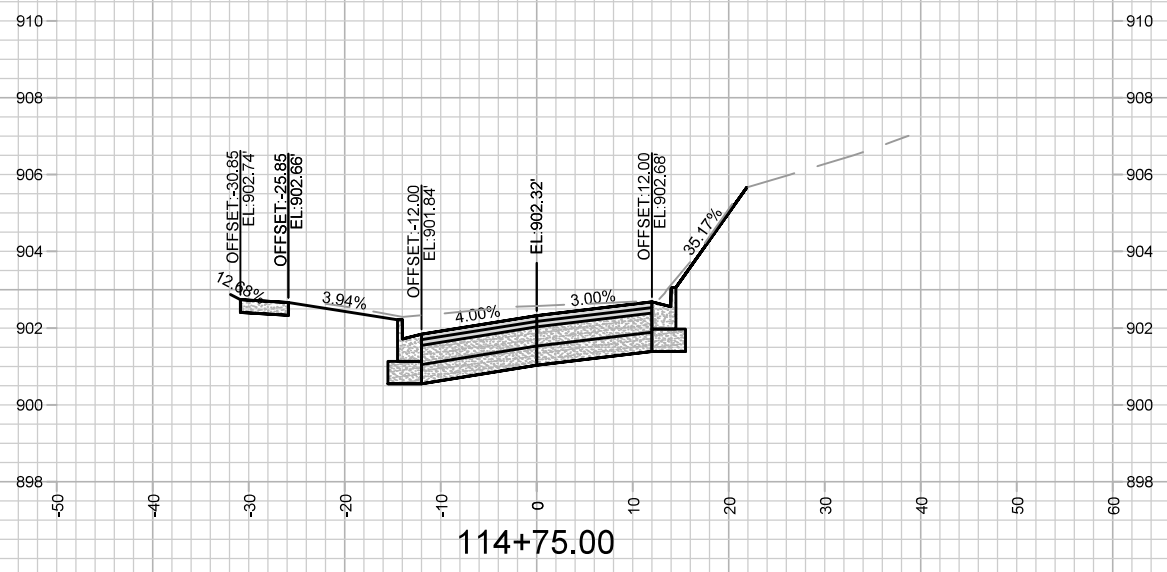
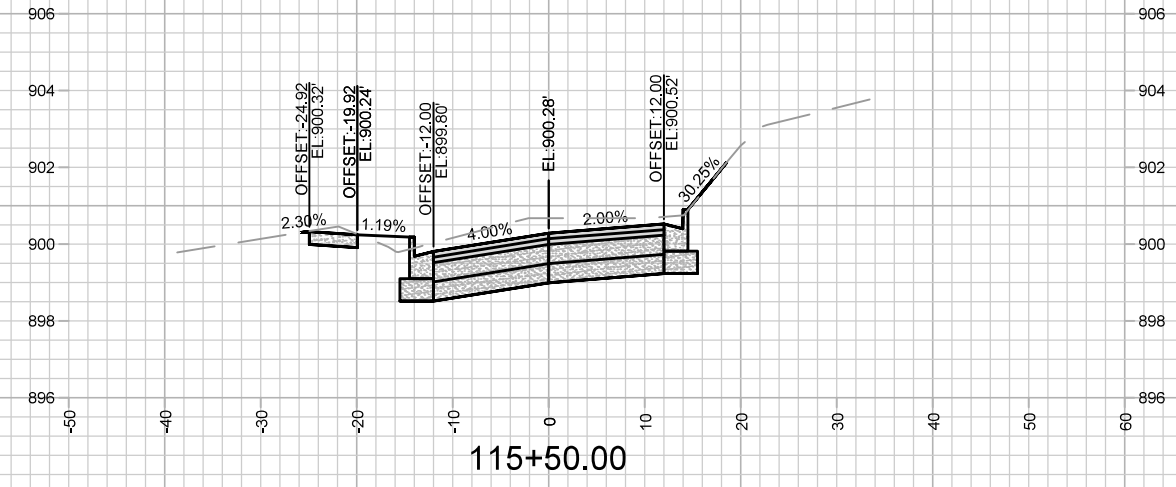
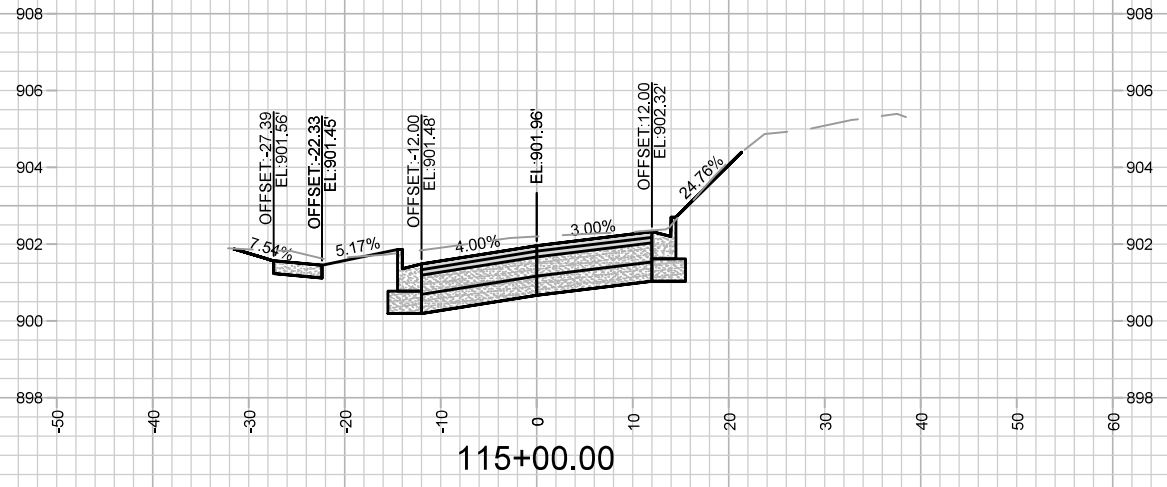
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MADISON, WI  
8711  
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CROSS SECTIONS - HARVEY STREET  
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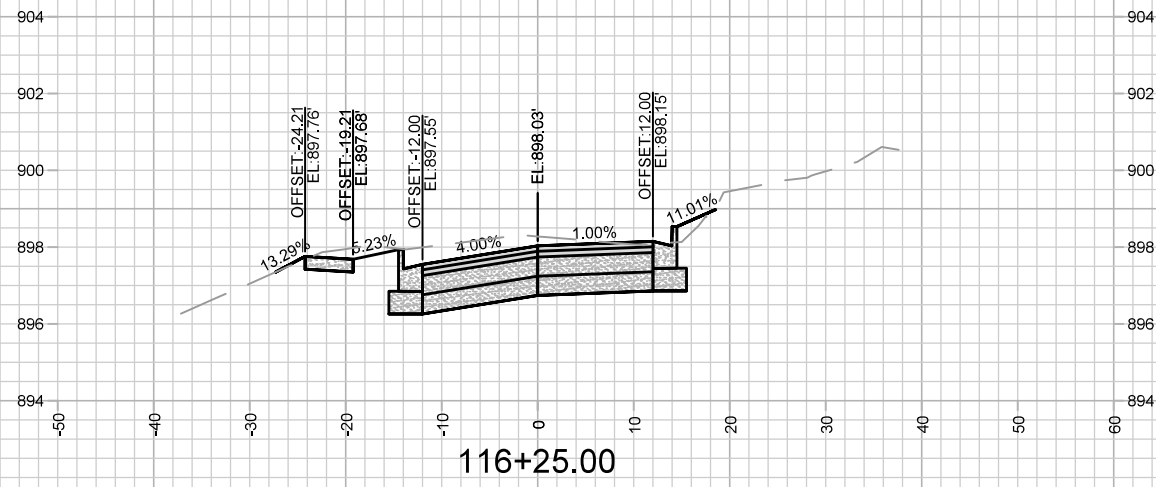
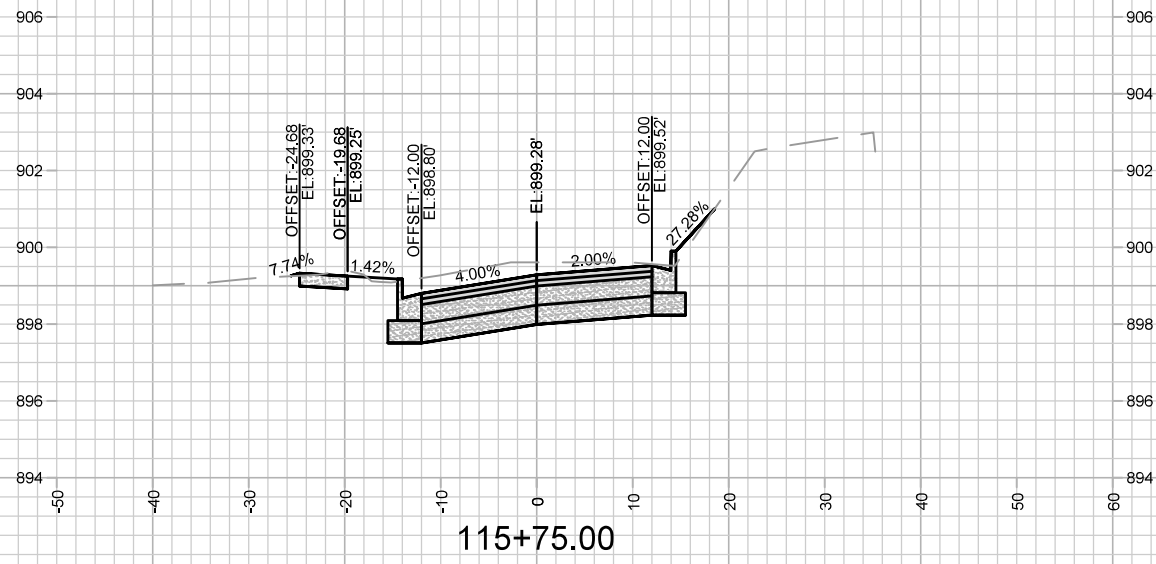
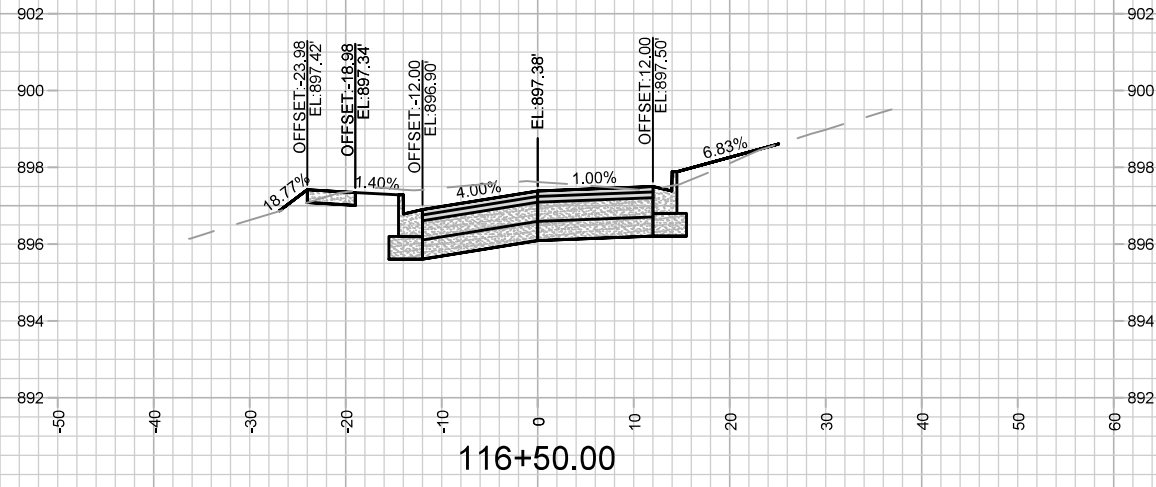
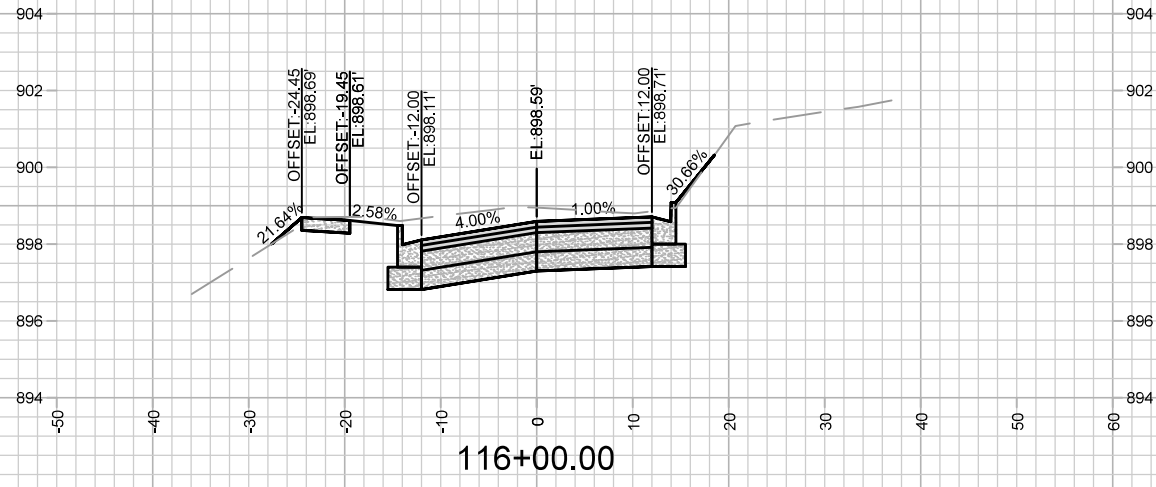




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MADISON, WI  
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CROSS SECTIONS - HARVEY STREET  
HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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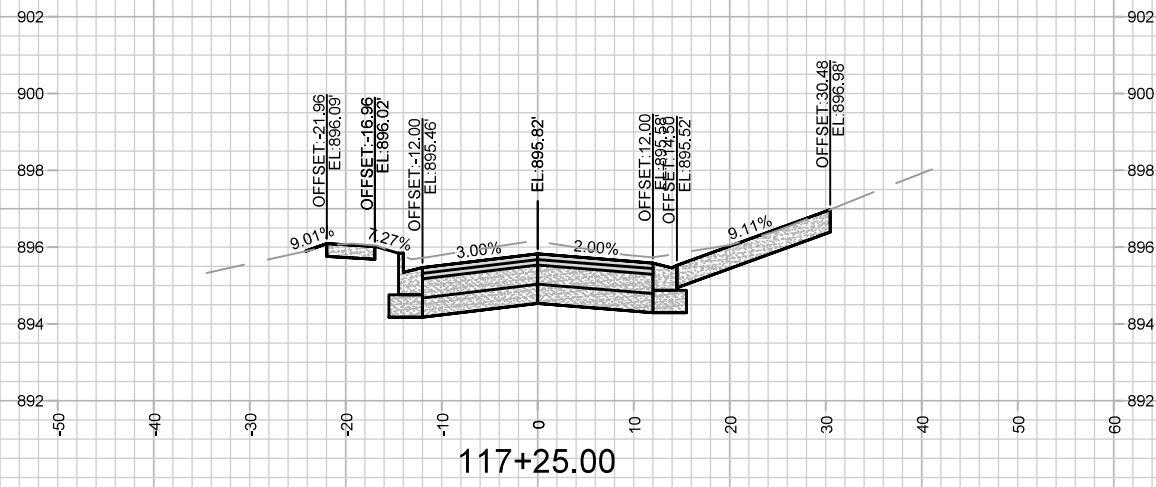
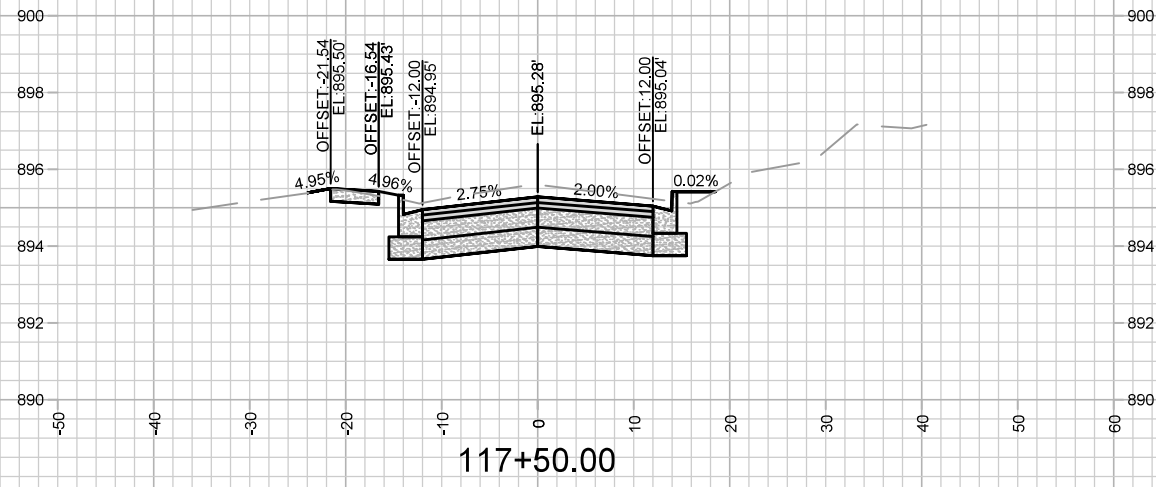
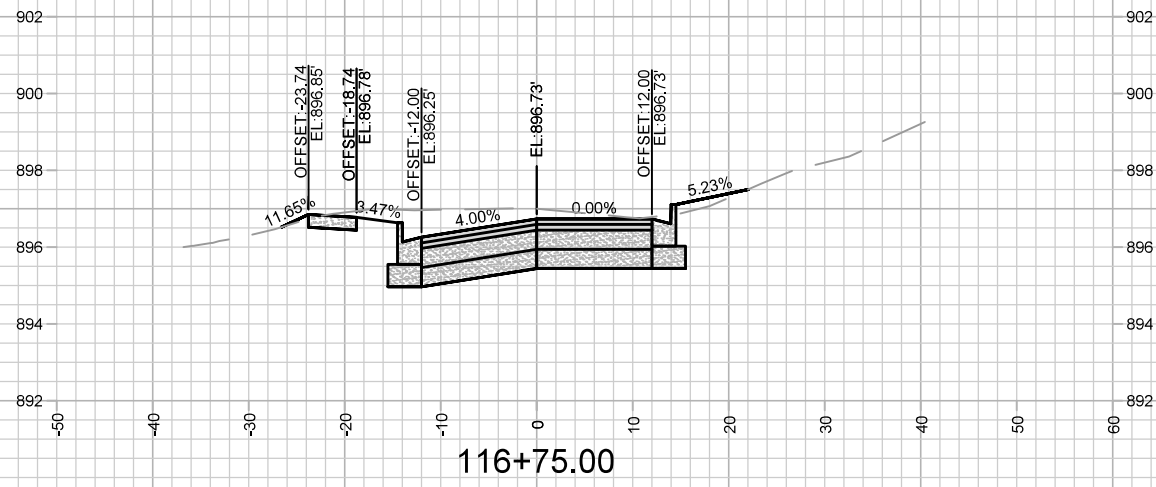
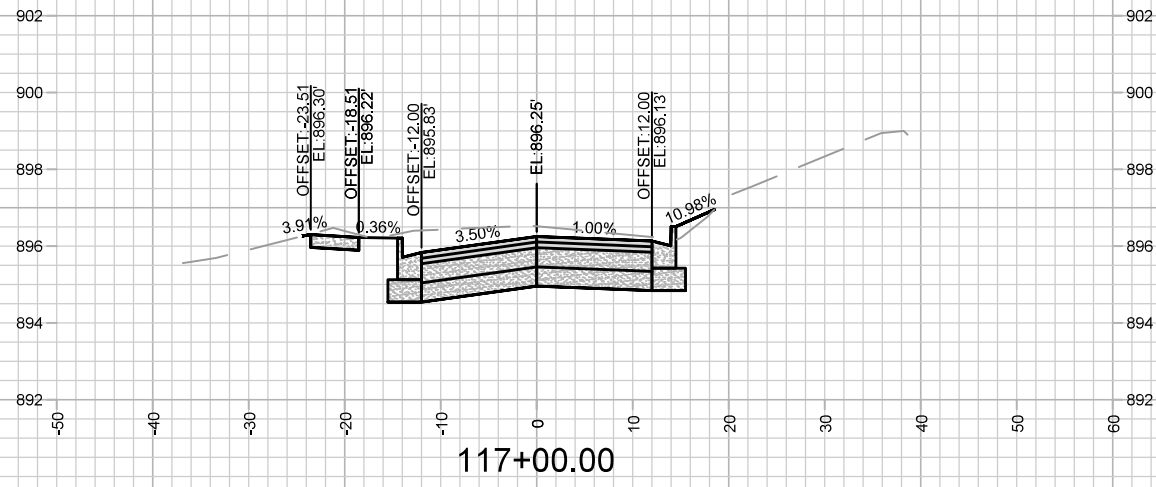
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 MADISON, WI  
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CROSS SECTIONS - HARVEY STREET  
 HARVEY STREET & SCHMITT PLACE RECONSTRUCTION  
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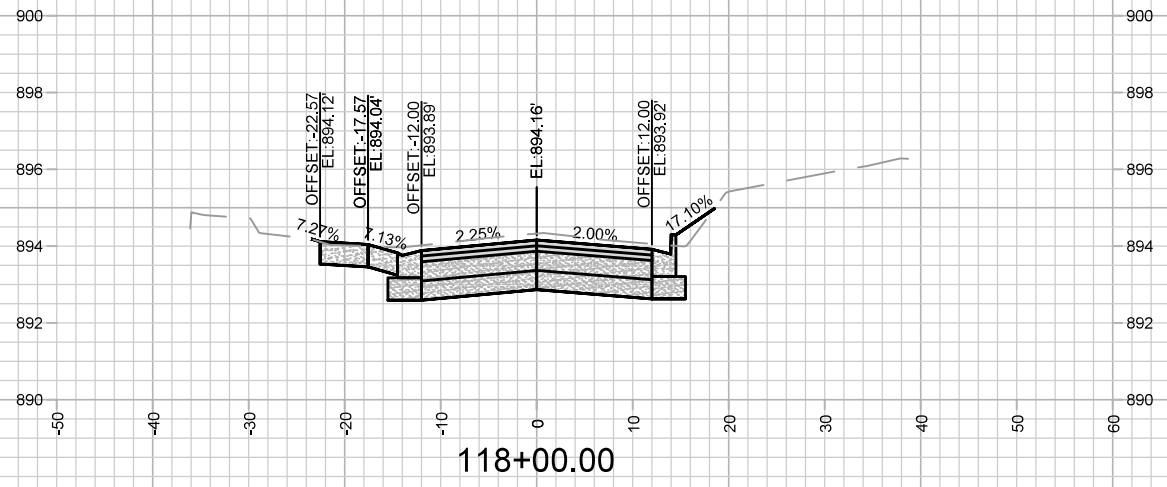
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8711  
CONTRACT NO:

CROSS SECTIONS - HARVEY STREET  
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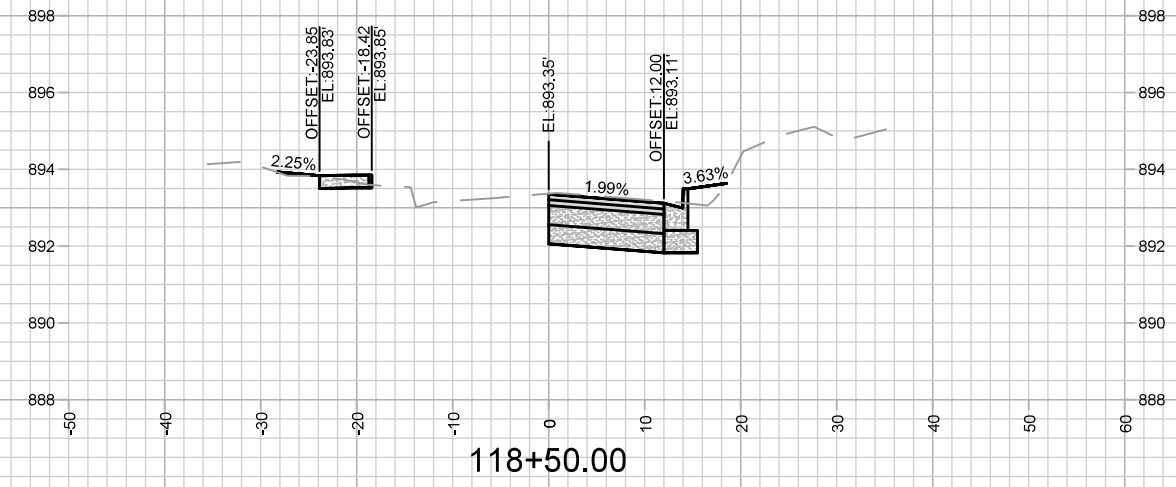


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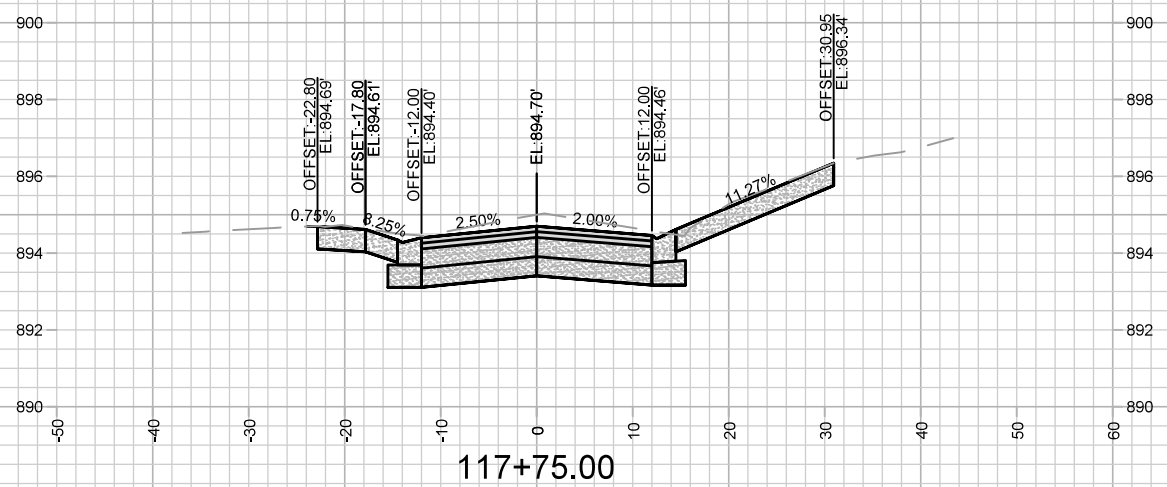
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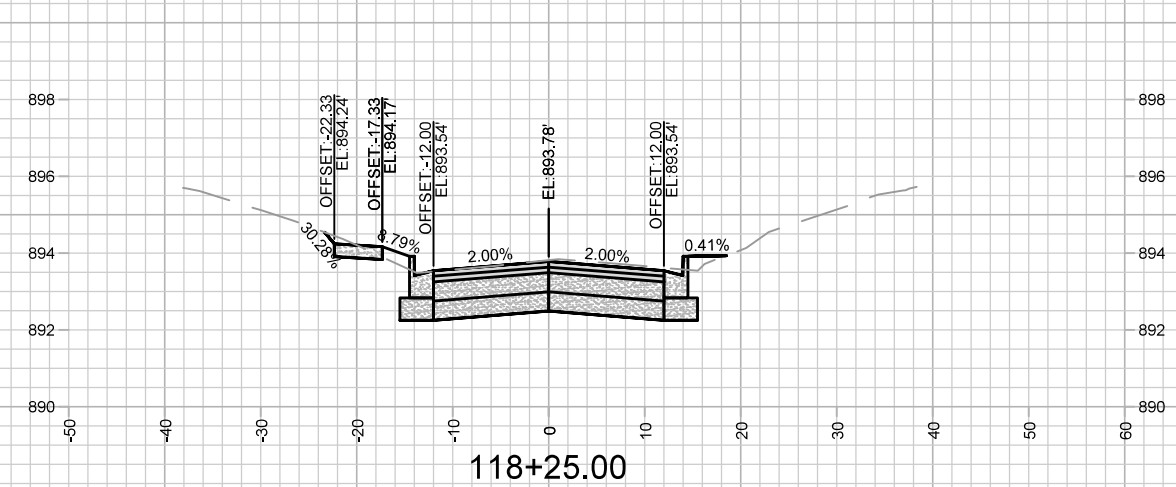
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118+50.00



117+75.00



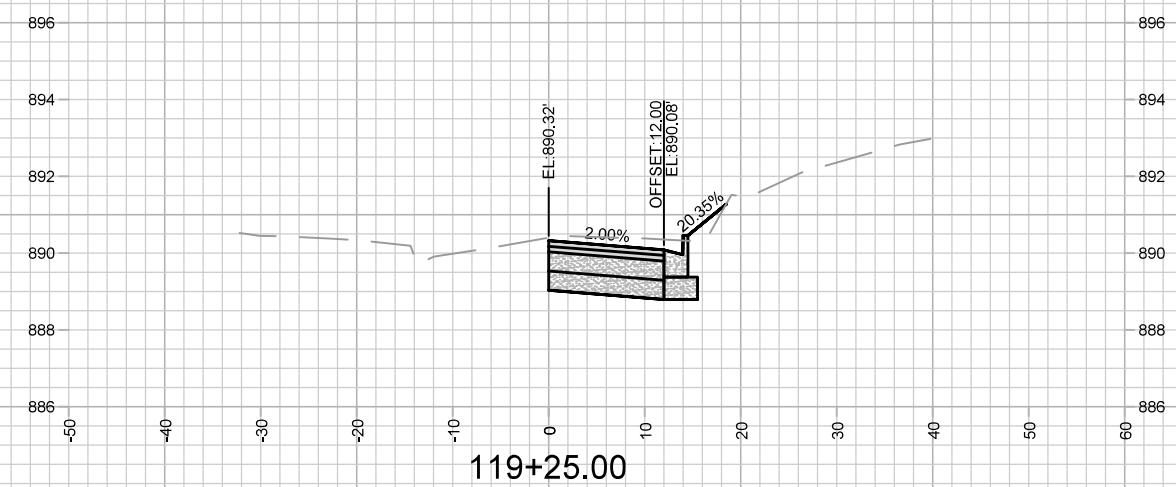
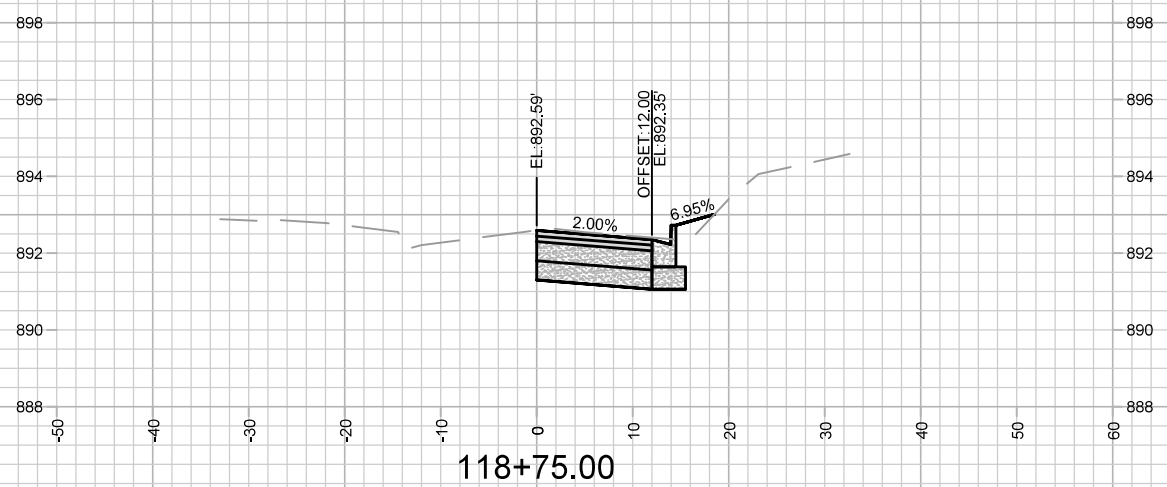
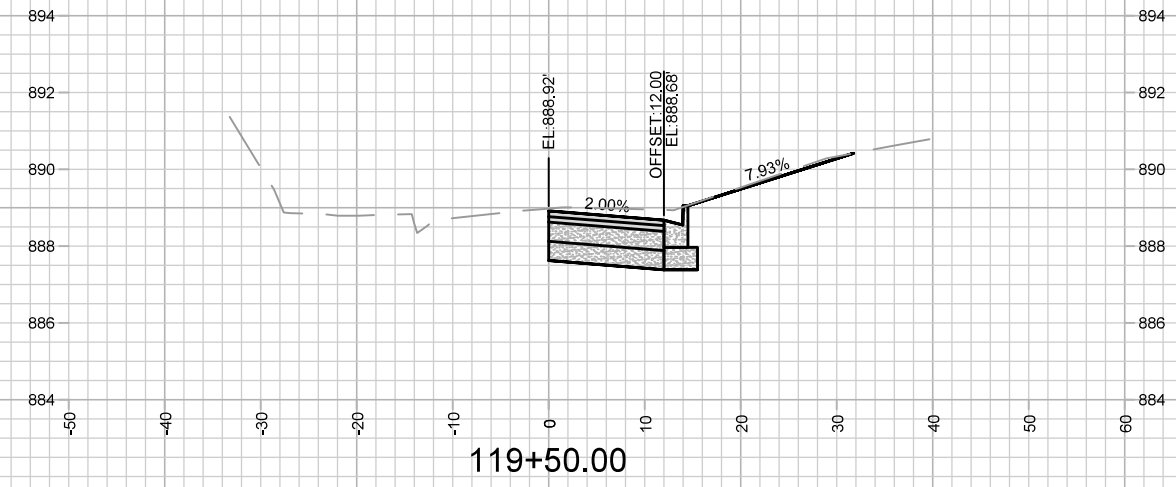
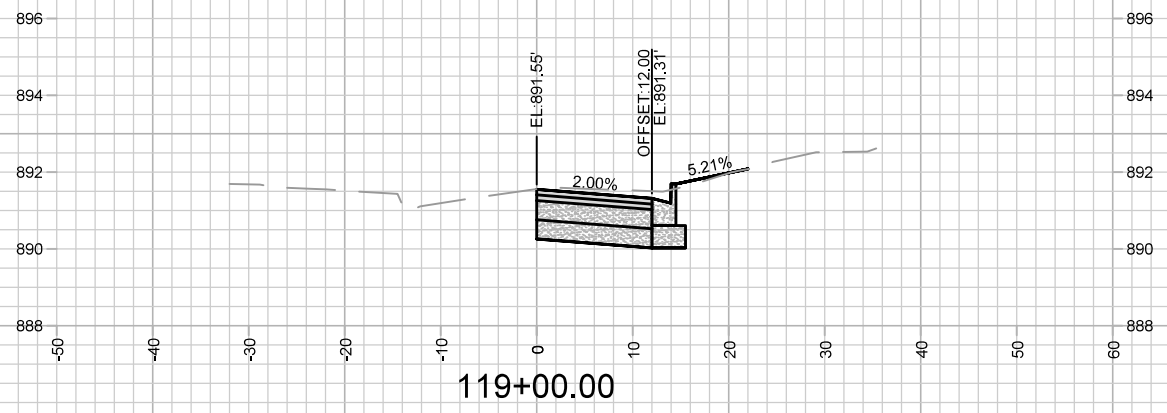
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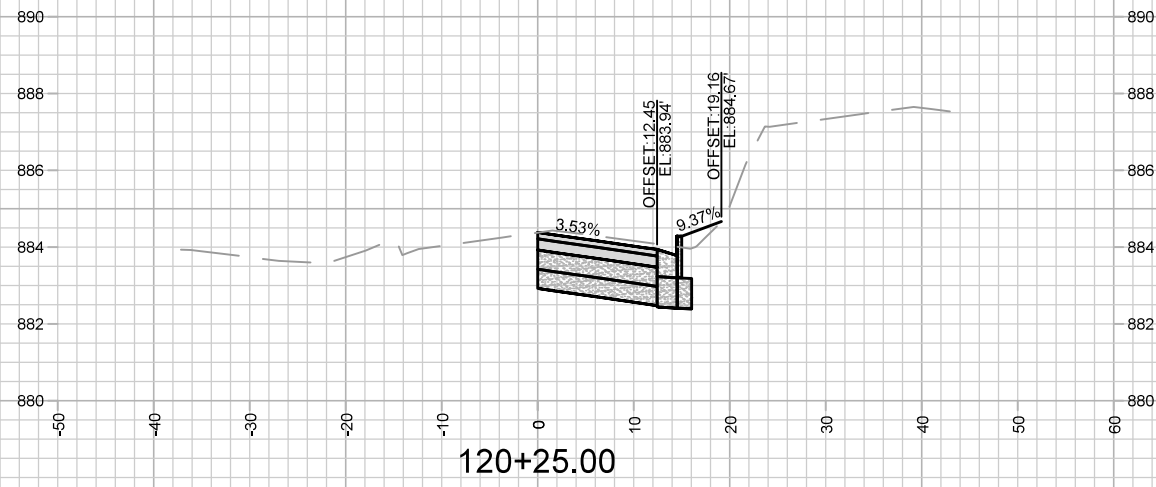
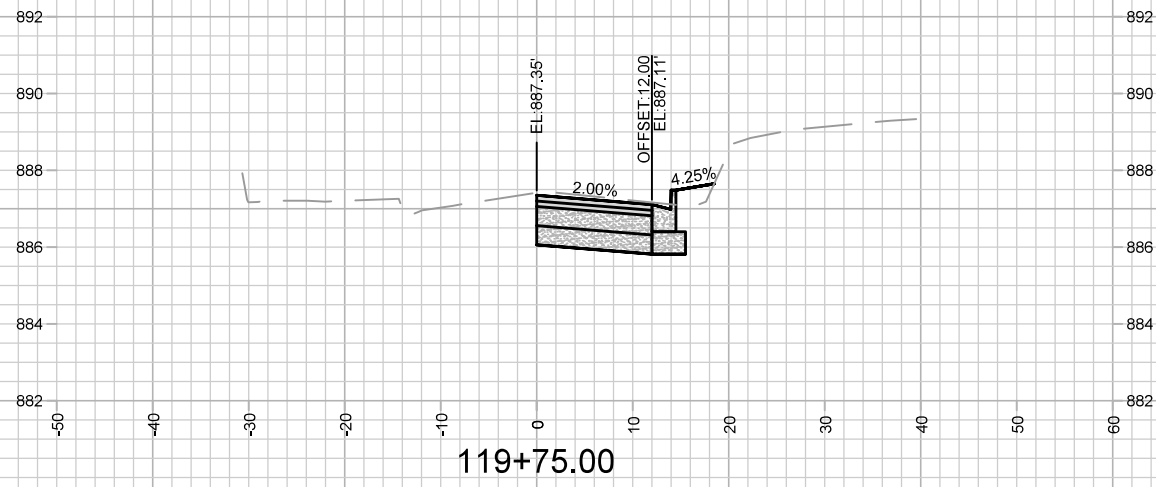
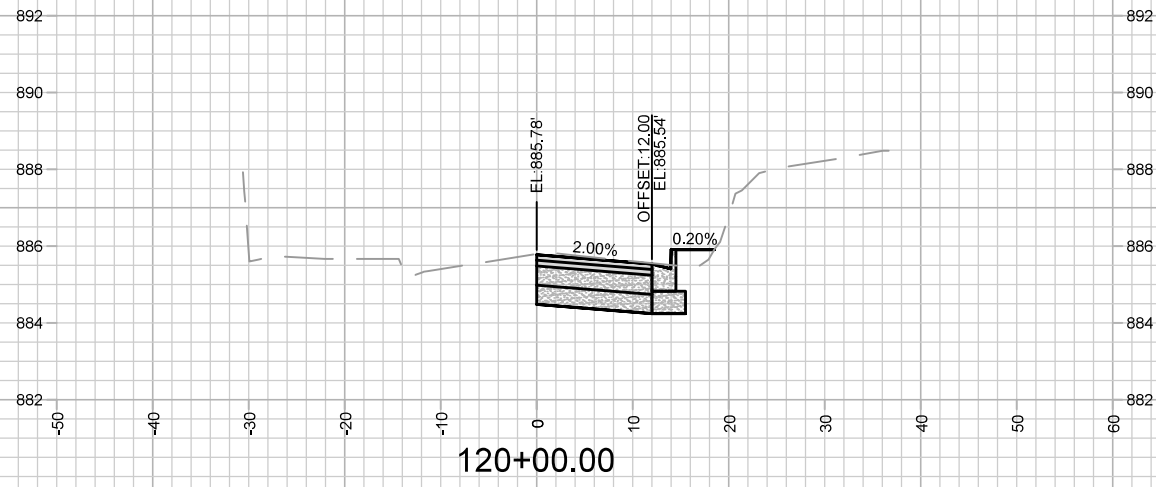


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