



CITY OF MADISON
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT
STEVENS STREET ASSESSMENT DISTRICT - 2024

SHEET NO.	D1-D4	TYPICAL SECTIONS AND DETAILS
SHEET NO.	EC1-EC3	EROSION CONTROL
SHEET NO.	PD1-PD3	PLAN DETAILS
SHEET NO.	P1-P3	STREET PLAN & PROFILES
SHEET NO.	U1-U3	UTILITY PLAN & PROFILES
SHEET NO.	U4	SANITARY SEWER SCHEDULE
SHEET NO.	U5	STORM SEWER SCHEDULE
SHEET NO.	W1-W4	WATER PLAN & PROFILES
SHEET NO.	W5	WATER IMPACT PLAN
SHEET NO.	W6	WATER ESTIMATE OF MATERIALS
SHEET NO.	M1-M3	PAVEMENT MARKINGS PLAN
SHEET NO.	X1-X7	CROSS SECTIONS
SHEET NO.	MN-1	MAINTENANCE PLAN (CITY USE ONLY)

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	_____ G _____
STORM SEWER	_____ ST _____
SANITARY SEWER	_____ SN _____
WATER	_____ W _____
BURIED ELECTRIC	_____ E _____
OVERHEAD ELECTRIC	_____ OH _____
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

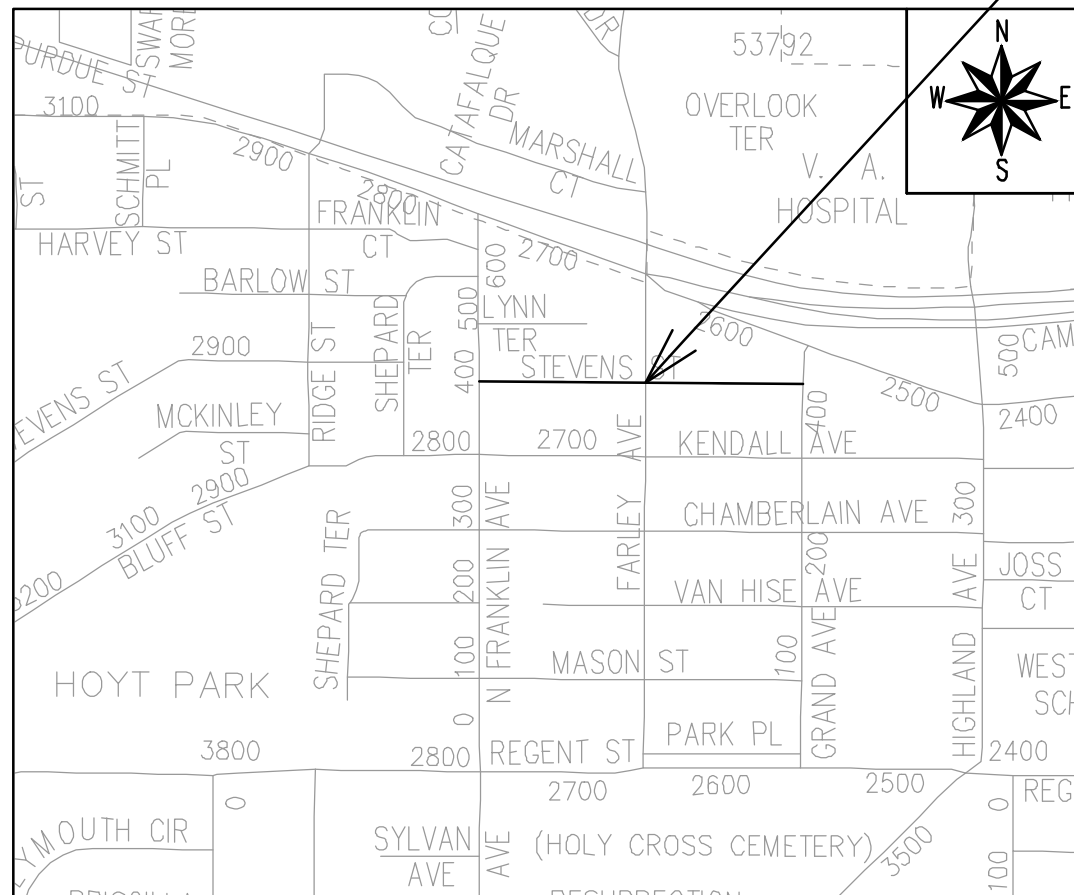
ADDENDUM 1 - 05/17/2024
- REVISED SHEETS: TITLE SHEET, D1, EC1, EC3, PD1-PD3, P1-P3, U1-U5, W1, W3, MN1
- SHEETS ADDED: X-7
REVISION 1 - 09/19/2024
- UPDATED SHEETS: PD1, P1

NOTES:

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

SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

CITY PROJECT NO. 14764
CONTRACT NO. 8745



EARTHWORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY)	1840 CY
ESTIMATED UNDISTRIBUTED UNDERCUT	160 CY
TOTAL UNCLASSIFIED EXCAVATION CUT	2000 CY

*PROJECT
LOCATION*

*PUBLIC IMPROVEMENT PROJECT
APPROVED*

APPROVED DATE: MAY 21, 2024

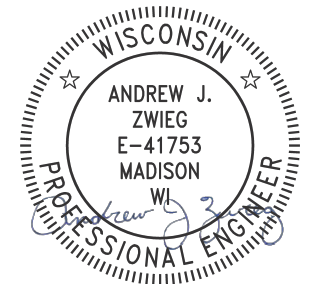
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

 May 10, 2024

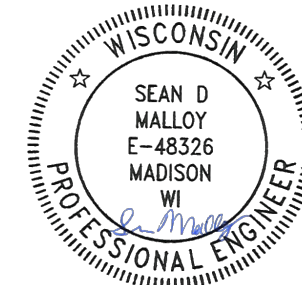
City Engineer _____ Date _____

*STREET
DESIGNED BY:*



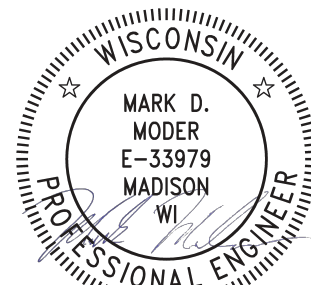
May 10, 2024

PAVEMENT MARKING
DESIGNED BY:



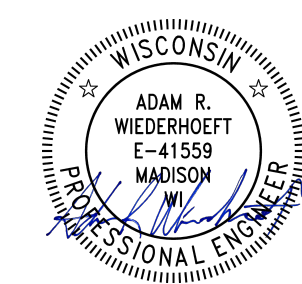
May 10, 2024

**SANITARY SEWER
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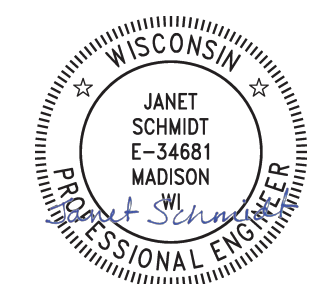
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*WATER
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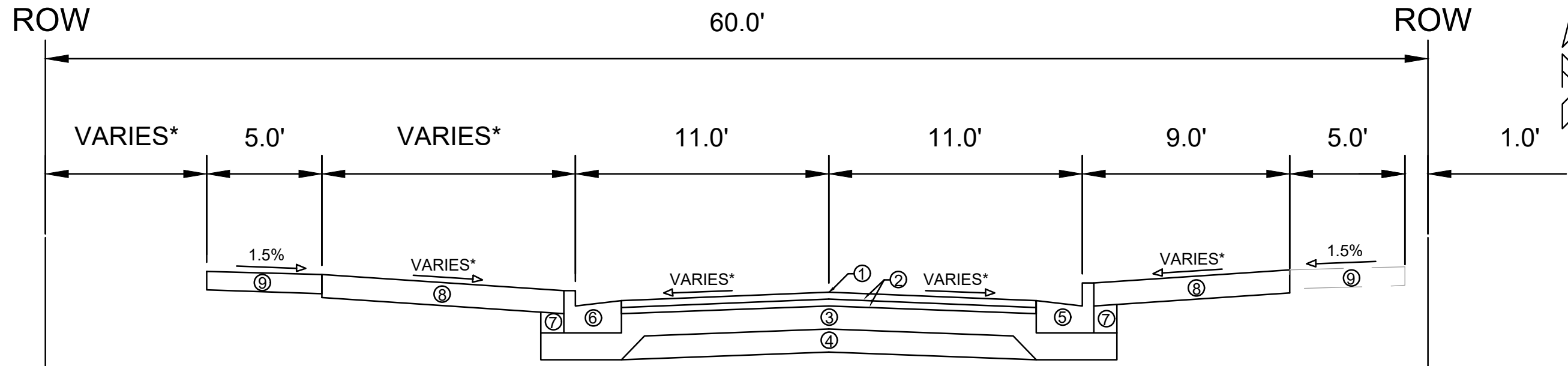


May 10, 2024

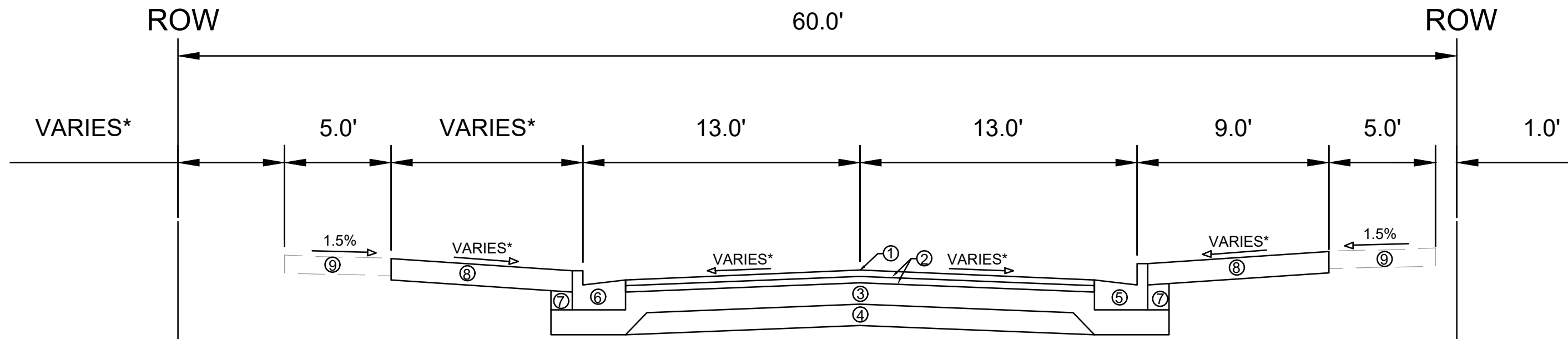
**STORM SEWER
DESIGNED BY:**



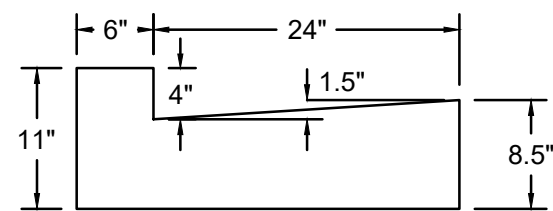
May 10, 2024



TYPICAL SECTION
STEVENS ST
STA 51+00 TO 52+71.05



TYPICAL SECTION
STEVENS ST
STA 52+71.05 TO 57+23.79



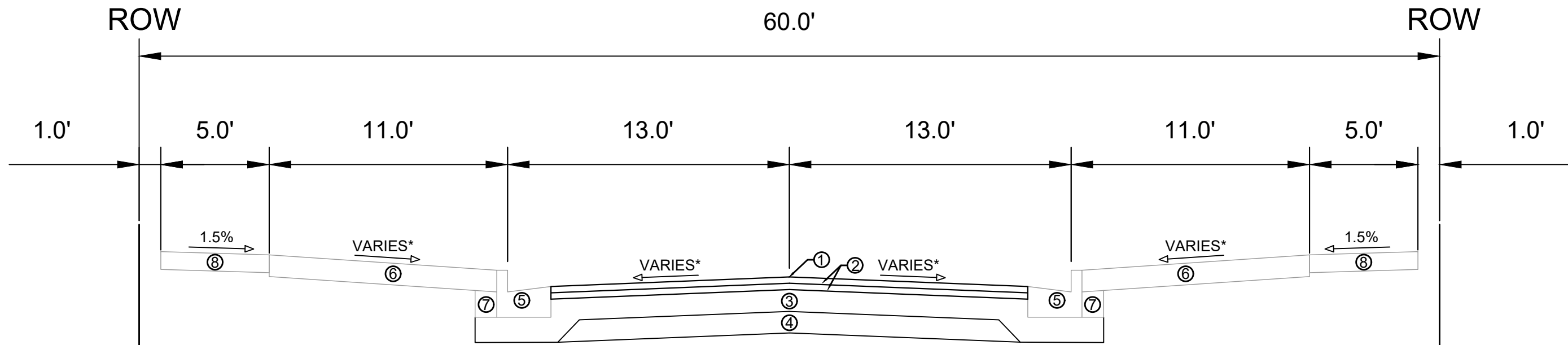
MODIFIED TYPE 'A'
CONCRETE CURB AND GUTTER
STA 51+15 TO 57+10 LT & STA 62+29 TO 63+39 LT
(PAID AS TYPE 'A')

ADDENDUM 1 - GCIT - 05/17/2024
- ADDED STATIONS TO SPECIAL DETAIL

SPECIAL NOTES:

* SEE P & X SHEETS FOR CROSS SLOPES AND WIDTHS

- ① POINT REFERRED TO ON PROFILE.
- ② 1.75" H.M.A. PAVEMENT TYPE 4 LT 58-28 S
- ③ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑤ CONCRETE CURB AND GUTTER TYPE 'A'
- ⑥ MODIFIED TYPE A CONCRETE CURB AND GUTTER
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER REPLACEMENT
- ⑧ 6" TOPSOIL, SEED AND EROSION MATTING
- ⑨ 5" CONCRETE SIDEWALK, INSTALL OR REPLACE AS NEEDED, SEE P-SHEETS FOR LOCATIONS



TYPICAL SECTION
STEVENS ST
STA 57+79.69 TO 63+38.96

SPECIAL NOTES:

* SEE P & X SHEETS FOR CROSS SLOPES AND WIDTHS

- ① POINT REFERRED TO ON PROFILE
- ② 1.75" H.M.A PAVEMENT TYPE 4 LT 58-28 S
- ③ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2 (EXISTING CONCRETE PAVEMENT UNDER EXISTING ASPHALT TO BE REMOVED)
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑤ EXISTING CONCRETE CURB AND GUTTER TYPE 'A'. REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑥ RESTORE THE DISTURBED AREAS WITH 6" TOPSOIL, SEED AND EROSION MATTING
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER REPLACEMENT
- ⑧ 5" CONCRETE SIDEWALK SPOT REPLACEMENT AS NEEDED,SEE P-SHEETS FOR LOCATIONS

DATE	BY
REVISION	DATE
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14764	D-2

14764	MADISON, WI	8745
14764	CONTRACT NO:	8745
14764	STEVENS STREET ASSESSMENT DISTRICT - 2024	
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14764
D-2

THIS INCLUDES ALL WORK NECESSARY TO EXCAVATE AREAS WITHIN GRASS TERRACES TO AN APPROPRIATE DEPTH SUITABLE FOR NEW TREE PLANTINGS. ALL WORK SHALL BE IN ACCORDANCE WITH ARTICLE 201 OF THE STANDARD SPECIFICATIONS. THE PROPOSED LOCATIONS FOR TREE PLANTINGS ARE IDENTIFIED ON THE LANDSCAPING PLAN INCLUDED WITHIN THIS PLAN SET. PRIOR TO THE CONTRACTOR STARTING THE EXCAVATION WORK, THE ENGINEER AND FORESTRY REPRESENTATIVE SHALL REVIEW THE PLAN LOCATIONS ON-SITE AND CONFIRM THAT NO CONFLICTS ARE ANTICIPATED. ONCE THE LOCATIONS MARKED, THE CONTRACTOR SHALL EXCAVATE THE TERRACE AREA TO A SUITABLE DEPTH FOR NEW TREE PLANTINGS, APPROXIMATELY TWENTY (20) INCHES TO TWENTY-FOUR (24) INCHES. THE TERRACE SHALL BE EXCAVATED TO A MINIMUM LENGTH OF TWENTY (20) FEET, BUT THAT MAY BE REDUCED BY THE CONSTRUCTION ENGINEER TO FIT SITE CONSTRAINTS AS NECESSARY. THE WIDTH OF THE TERRACE SHALL ALSO BE EXCAVATED TO AS CLOSE TO THE SIDEWALK/PATH AND CURB AS IS REASONABLE. WHILE PERFORMING THE EXCAVATION, THE CONTRACTOR SHALL TAKE CARE TO NOT UNDERMINE OR DAMAGE THE ADJACENT CURB OR SIDEWALK. IF DAMAGED DURING THE EXCAVATION PROCESS, THE DEVELOPER SHALL REPLACE CURB OR SIDEWALK/PATH AT THEIR COST. ONCE THE AREA IS EXCAVATED, THE CONTRACTOR SHALL BACKFILL THE EXCAVATED AREA WITH REGULAR TOPSOIL, AND THE SURFACE SHALL BE RESTORED WITH SEED AND EROSION MAT.

A simple line drawing of a tree. The tree has a thick, slightly tapered trunk that ends in a small, rounded base. The canopy is large and irregular, with a jagged, leafy edge. The tree is positioned on a horizontal line with diagonal hatching below it, representing the ground.

RESTORE ALL SURFACES
WITH SEED AND EROSION
MAT

20-24"

6"

MIN. 20'

REFER TO S.D.D. 2.01 FOR STANDARD PLANTING TECHNIQUE FOR TREES IN TURF AREAS.

6"

12"

TYP. CURB

TERRACE
WIDTH
VARIES

AREA TO BE EXCAVATED 20-24" DEEP
AND BACKFILLED WITH TOPSOIL

AREA TO BE 6" TOPSOIL

SECTION VIEW

12" BASE EXTENSION
BEHIND CURB

12"

12"

 45°

c)

1

6"

4

7

TYP. SIDEWALK

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14764

MADISON, WI

8745

TERRACE EXCAVATION DETAIL

STEVENS STREET ASSESSMENT DISTRICT - 2024

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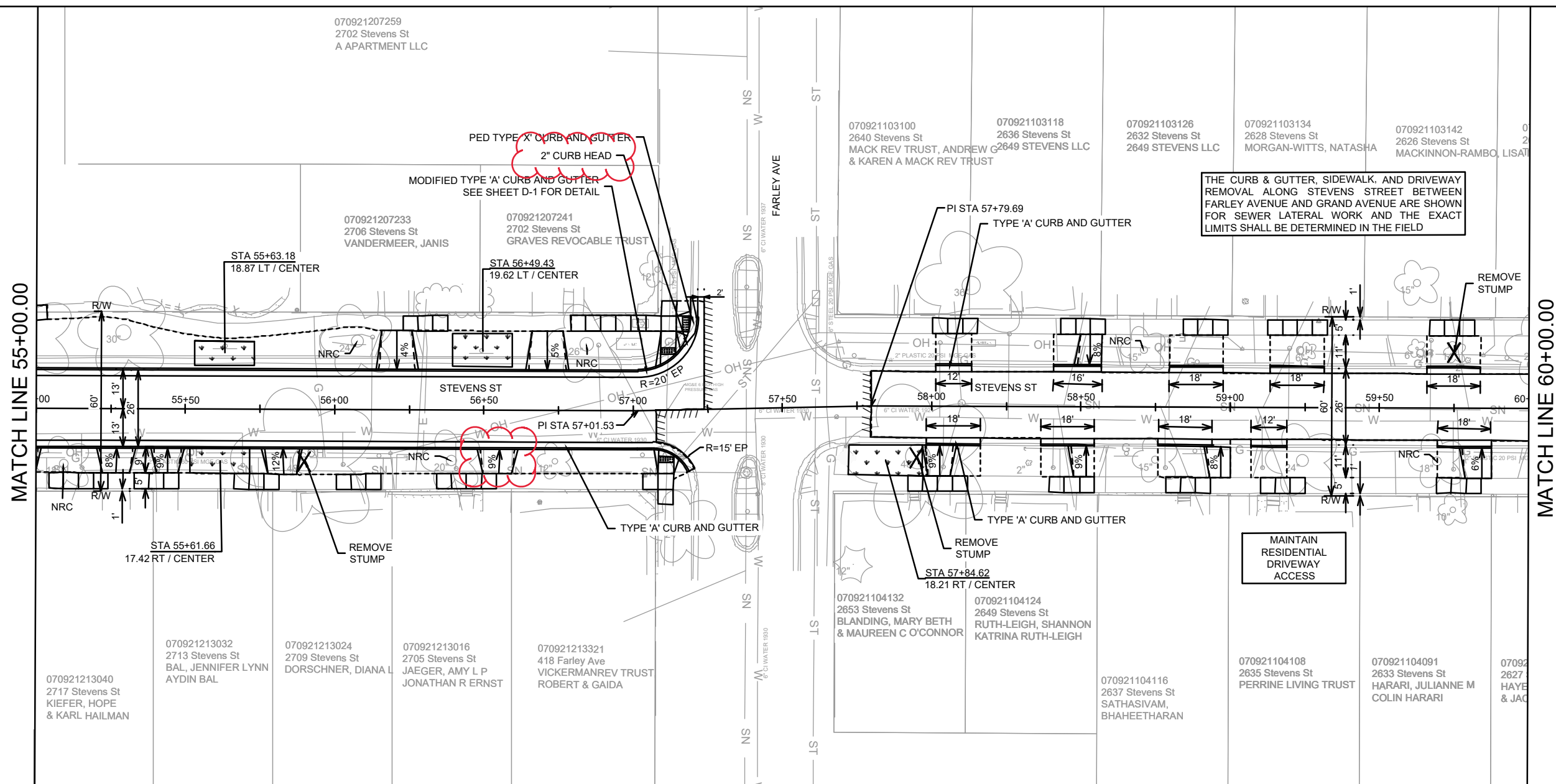
D-4

-ADDITION OF REPLACEMENT OF PARK PAD



PD-1

ADDENDUM 1 - GCIT - 05/17/2024
- CORRECTED LABELS



- | | |
|--------|--|
| NOTES: | |
| 1. | ALL SIDEWALK & CONCRETE TERRACE SHALL BE 5-INCH CONCRETE |
| 2. | ALL PROPOSED DRIVEWAY APRONS SHALL BE 7-INCH CONCRETE |
| 3. | ALL SIDEWALK ADJACENT TO DRIVEWAYS AND CURB RAMPS SHALL BE 7-INCH CONCRETE |
| 4. | ALL DRIVEWAYS ON STEVENS STREET SHALL BE CONSTRUCTED WITH 2-FT FLARES UNLESS OTHERWISE NOTED |
| 5. | ALL CURB RAMP KEYSTONES SHALL BE 1.5% UNLESS ADDITIONAL STA/OFFSET/ELEV. |
| 6. | CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5' |
| 7. | NRC - NO ROOT CUTTING |

LEGEND	
---	SLOPE INTERCEPT
	SAWCUT PAVEMENT
-X-	CONSTRUCTION FENCE
	CLEAR AND GRUB
	2.00" FULL WIDTH GRINDING SURFACE HMA 4 LT 58-28 S
	TERRACE EXCAVATION FOR TREE PLANTING SEE SHEET D-4

STEVENS STREET PLAN DETAILS

STEVENS STREET ASSESSMENT DISTRICT - 2024

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MADISON, WI

8745

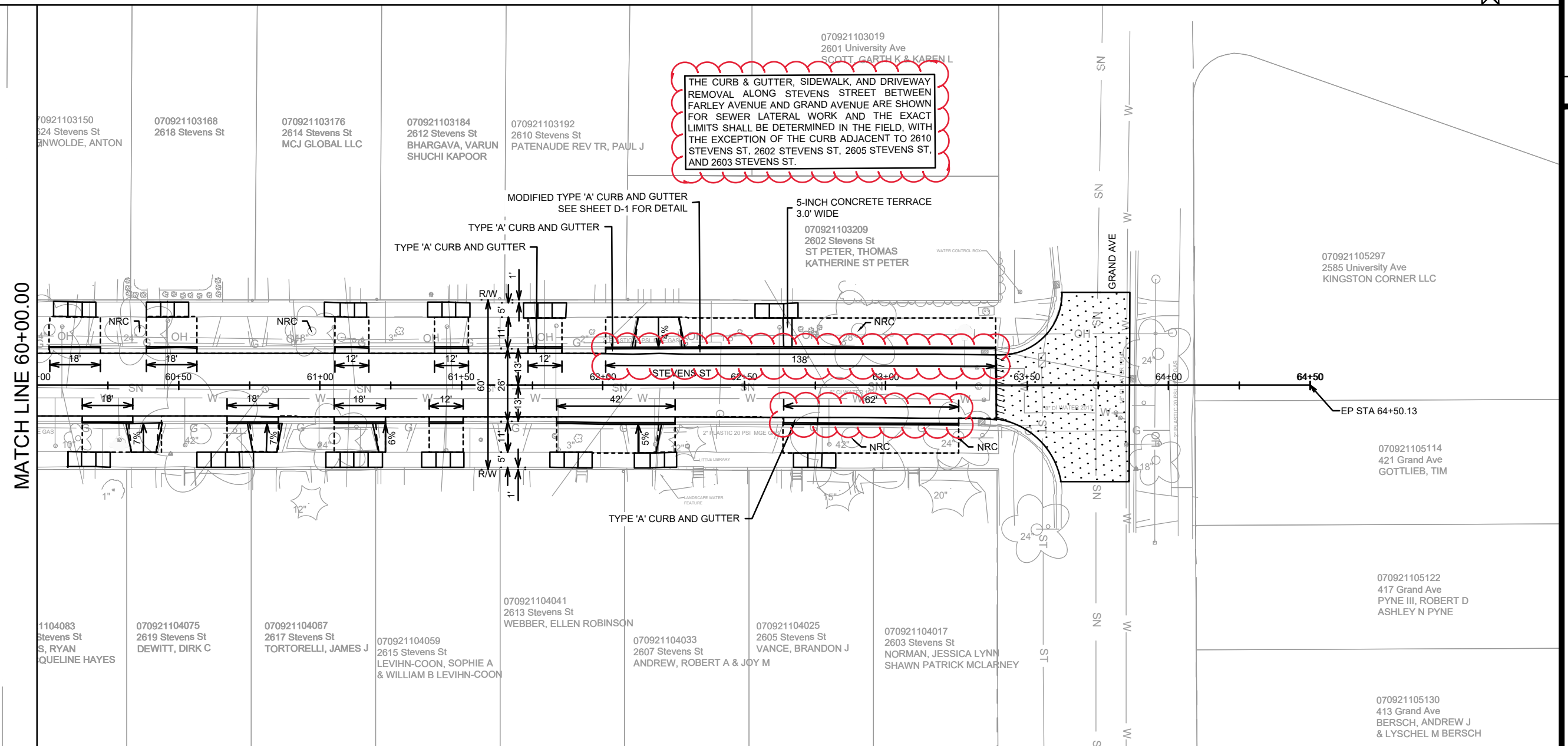
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PD-2



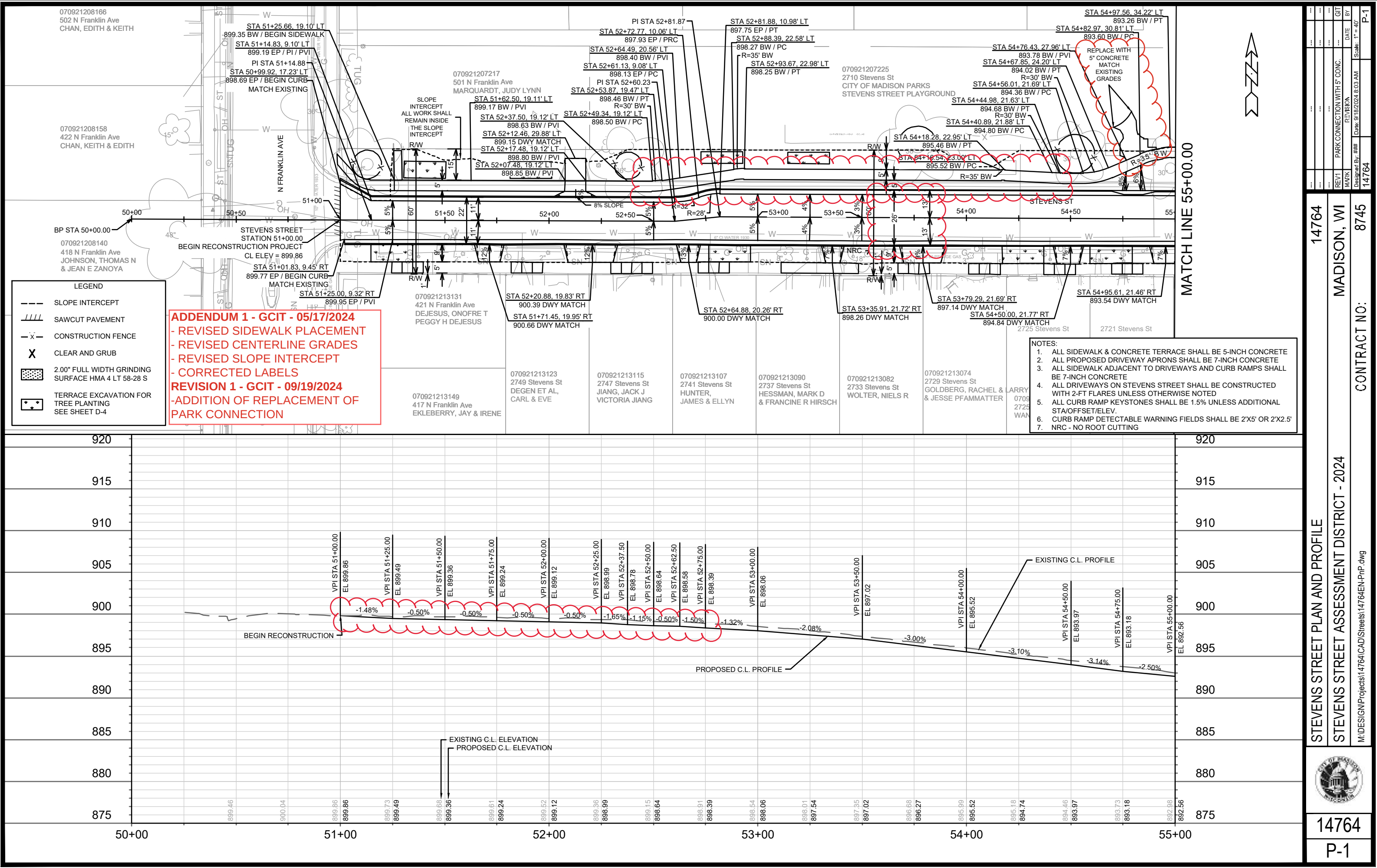
ADDENDUM 1 - GCIT - 05/17/2024
- ADDITIONAL CURB REPLACEMENT
- MODIFIED NOTE

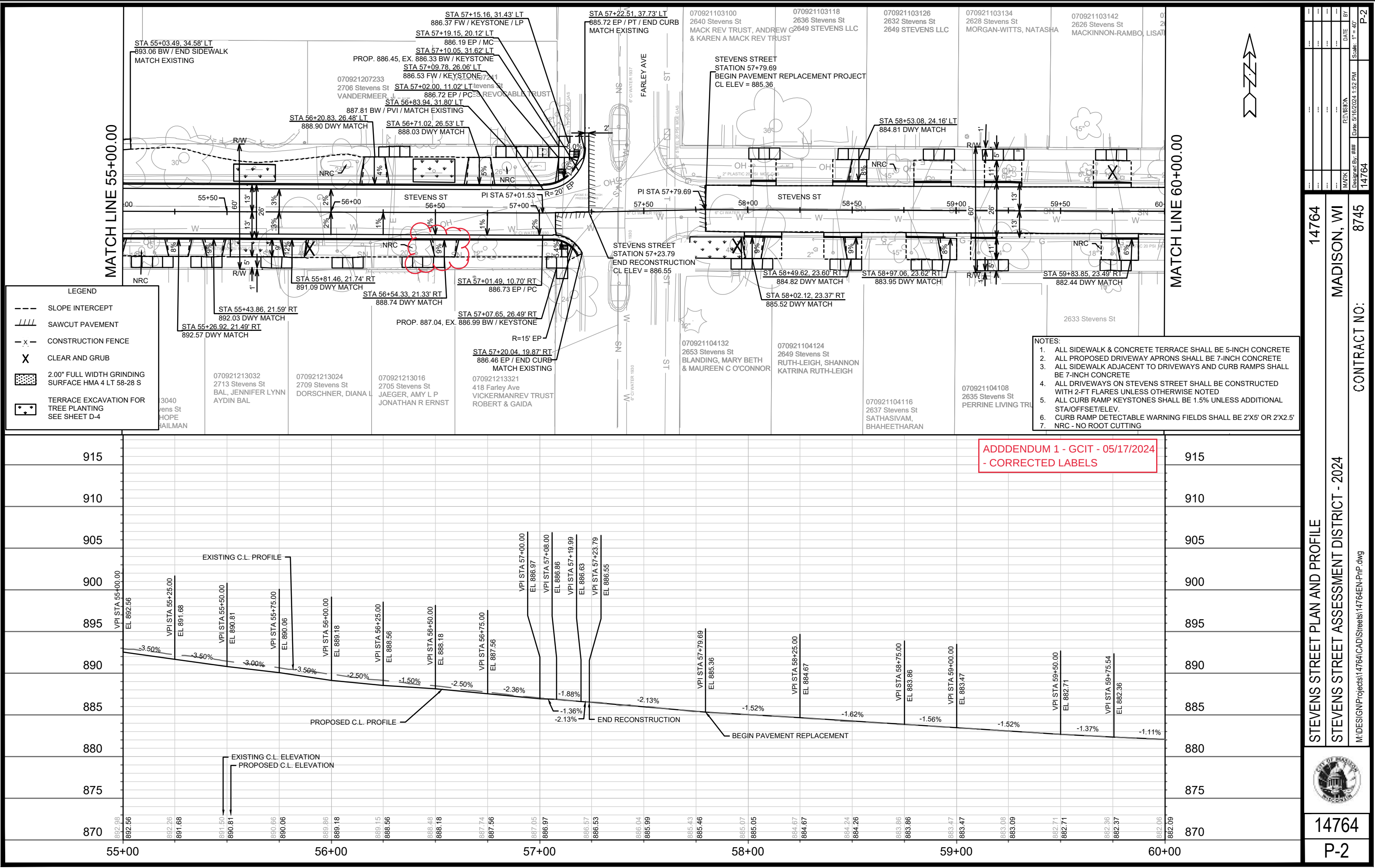


- NOTES:**
1. ALL SIDEWALK & CONCRETE TERRACE SHALL BE 5-INCH CONCRETE
 2. ALL PROPOSED DRIVEWAY APRONS SHALL BE 7-INCH CONCRETE
 3. ALL SIDEWALK ADJACENT TO DRIVEWAYS AND CURB RAMPS SHALL BE 7-INCH CONCRETE
 4. ALL DRIVEWAYS ON STEVENS STREET SHALL BE CONSTRUCTED WITH 2-F' FLARES UNLESS OTHERWISE NOTED
 5. ALL CURB RAMP KEYSTONES SHALL BE 1.5% UNLESS ADDITIONAL STA/OFFSET/ELEV.
 6. CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'
 7. NRC - NO ROOT CUTTING

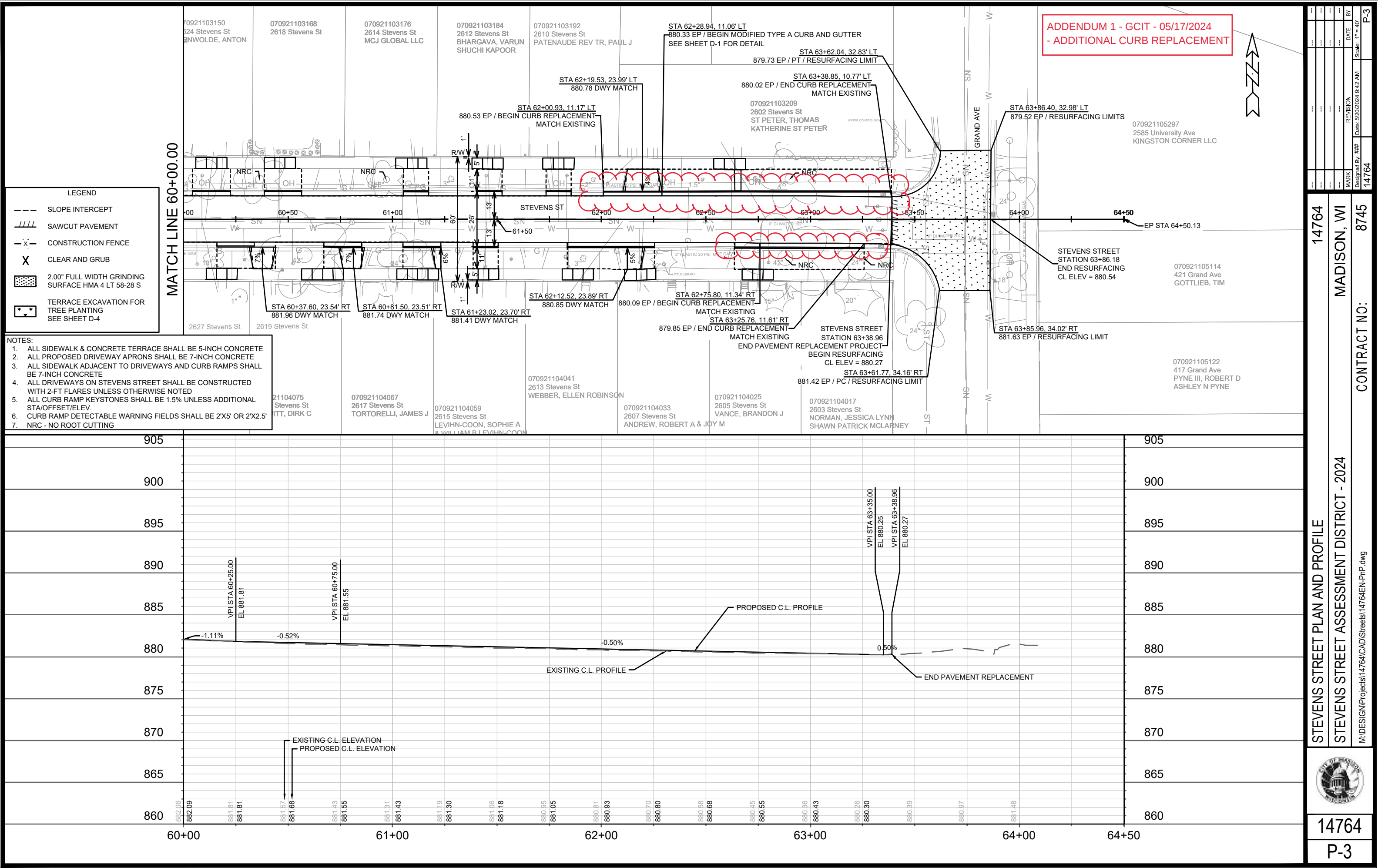
- | LEGEND | |
|---|--|
| --- | SLOPE INTERCEPT |
|  | SAWCUT PAVEMENT |
| -X- | CONSTRUCTION FENCE |
|  | CLEAR AND GRUB |
|  | 2.00" FULL WIDTH GRINDING
SURFACE HMA 4 LT 58-28 S |
|  | TERRACE EXCAVATION FOR
TREE PLANTING
SEE SHEET D-4 |

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14764	MADISON, WI	8745	CONTRACT NO:	P-2
STEVENS STREET PLAN AND PROFILE				
STEVENS STREET ASSESSMENT DISTRICT - 2024				
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14764				
P-2				



ADDENDUM 1 - GCIT - 05/17/2024
- ADDITIONAL CURB REPLACEMENT

LEGEND

- SLOPE INTERCEPT
- /// SAWCUT PAVEMENT
- X- CONSTRUCTION FENCE
- X CLEAR AND GRUB
- 2.00" FULL WIDTH GRINDING SURFACE HMA 4 LT 58-28 S
- TERRACE EXCAVATION FOR TREE PLANTING SEE SHEET D-4

NOTES:

- ALL SIDEWALK & CONCRETE TERRACE SHALL BE 5-INCH CONCRETE
- ALL PROPOSED DRIVEWAY APRONS SHALL BE 7-INCH CONCRETE
- ALL SIDEWALK ADJACENT TO DRIVEWAYS AND CURB RAMPS SHALL BE 7-INCH CONCRETE
- ALL DRIVEWAYS ON STEVENS STREET SHALL BE CONSTRUCTED WITH 2-FT FLARES UNLESS OTHERWISE NOTED
- ALL CURB RAMP KEYSTONES SHALL BE 1.5% UNLESS ADDITIONAL STA/OFFSET/ELEV.
- CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'
- NRC - NO ROOT CUTTING

14764	MADISON, WI	8745	CONTRACT NO:
STEVENS STREET PLAN AND PROFILE			
STEVENS STREET ASSESSMENT DISTRICT - 2024			
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P-3			

SANITARY SEWER SCHEDULE

* 5/20/2024 ADDENDUM 1

STEVENS STREET ASSESSMENT DISTRICT 2024

SHEET NO.

PROJECT NO. 14764

U-4

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
STEVENS STREET						
SAS #0	62+78.90	RT-5.93	880.29	872.19	8.10	[1]
SAS #1	60+39.56	RT-5.46	881.53	873.68	7.85	-
SAS #2	57+95.56	RT-5.08	884.97	875.46	9.51	-
SAS #3	57+37.80	RT-6.15	886.29	879.12	7.17	-
SAS #4	53+58.50	RT-5.61	896.93	888.00	8.93	-
* SAS #5	51+23.61	RT-4.61	899.73	891.02	8.71	-

SANITARY STRUCTURE REMOVALS & ABANDONMENTS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
STEVENS STREET						
SAS 4151-035	63+32.78	RT-0.39	880.22	872.04	8.18	REMOVE
SAS 4151-002	60+80.37	RT-1.56	881.48	874.43	7.05	REMOVE
SAS 4151-003	58+09.87	LT-0.80	885.96	877.50	8.46	REMOVE
SAS 4051-018	55+40.24	RT-20.54	892.13	884.96	7.17	REMOVE
SAS 4051-017	53+41.36	RT-21.71	898.31	890.16	8.15	ABANDON
SAS 4051-016	51+32.22	RT-19.88	900.92	892.69	8.23	REMOVE

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
STEVENS STREET								
SAS 4151-034	SAS #0	871.62	872.19	96	0.60%	8"	AWWA C900 DR18	[2]
SAS #0	SAS #1	872.29	873.68	239	0.58%	8"	SDR-35	-
SAS #1	SAS #2	873.78	875.46	244	0.69%	8"	SDR-35	-
SAS #3	SAS #4	879.17	888.00	379	2.33%	8"	SDR-35	-
SAS #4	SAS #5	888.10	891.02	235	1.24%	8"	SDR-35	-

SANITARY PIPES ABANDONMENTS

ABANDON FROM	ABANDON TO	TOTAL LGTH (FT)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
STEVENS STREET						
SAS 4051-002	SAS 4051-018	198	0	6"	VCP	PLUGS
SAS 4051-018	SAS 4051-017	199	0	6"	VCP	PLUGS
SAS 4051-017	SAS 4051-016	209	0	6"	VCP	PLUGS

SANITARY PIPES REMOVALS

ABANDON FROM	ABANDON TO	TOTAL LGTH (FT)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
STEVENS STREET						
SAS 4151-034	SAS 4151-035	42	0	8"	PVC	-
SAS 4151-035	SAS 4151-002	253	253	6"	VCP	-
SAS 4151-002	SAS 4151-003	271	271	6"	VCP	-

SPECIFIC NOTES

- [1] INSTALL INTERNAL CHIMNEY SEAL IN CONFORMANCE W/ S.D.D. 5.7.17
- [2] PVC-C900 PIPES SHALL CONFORM TO AWWA C900 DR18 (SEWER MAIN AND LATERALS)

STORM SEWER SCHEDULE

* 5/20/2024 ADDENDUM 1

STEVENS STREET ASSESSMENT DISTRICT 2024	SHEET NO.
PROJECT NO. 14764	U-5
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
STEVENS STREET							
S-0	57+13.86	RT-16.43	TAP	-	883.25	-	-
* S-1	56+99.83	RT-12.21	H INLET	887.14	883.32	3.82	W/R-3067-7004-V
S-2	57+00.12	LT-12.53	H INLET	886.95	883.44	3.51	W/R-3067-7004-V, [2]

STORM STRUCTURE ADJUSTMENTS

ADJUST NO.	STATION	LOCATION (OFFSET)	TYPE	EX. TOC. ELEV.	ADJUST ELEV.	ADJUST DIFF.	NOTES
STEVENS STREET							
AS-1	63+55.14	LT-8.92	5' X 7' STORM SAS	880.16	880.16	0.00	[1] 2X W/R-15150-0054
* AS-2	57+14.67	RT-16.85	H INLET	886.68	886.68	0.00	-
* AS-3	63+34.97	LT-13.26	H INLET	880.26	880.26	0.00	[2]

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
STEVENS STREET										
P-1	S-0	S-1	883.25	883.32	15	13	0.52%	12"	TYPE I RCP	-
P-2	S-1	S-2	883.32	883.44	25	23	0.53%	12"	TYPE I RCP	-

STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
STEVENS STREET					
ULO-1	57+10.87	RT-15.54	MGE GAS	-	-

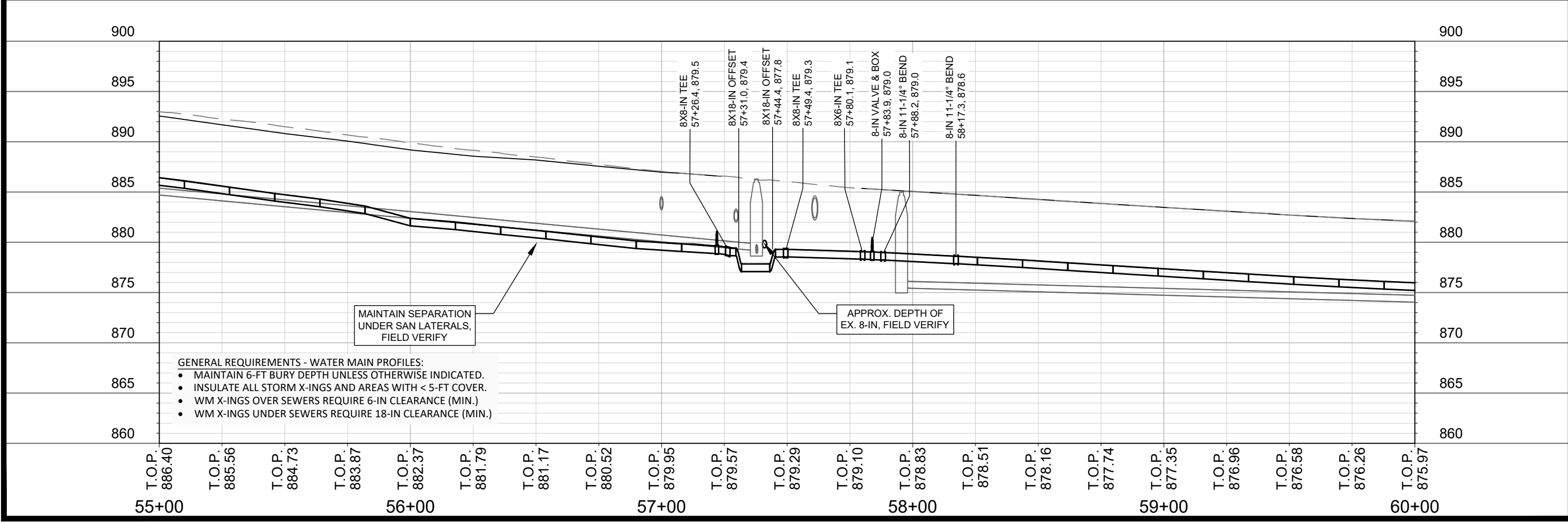
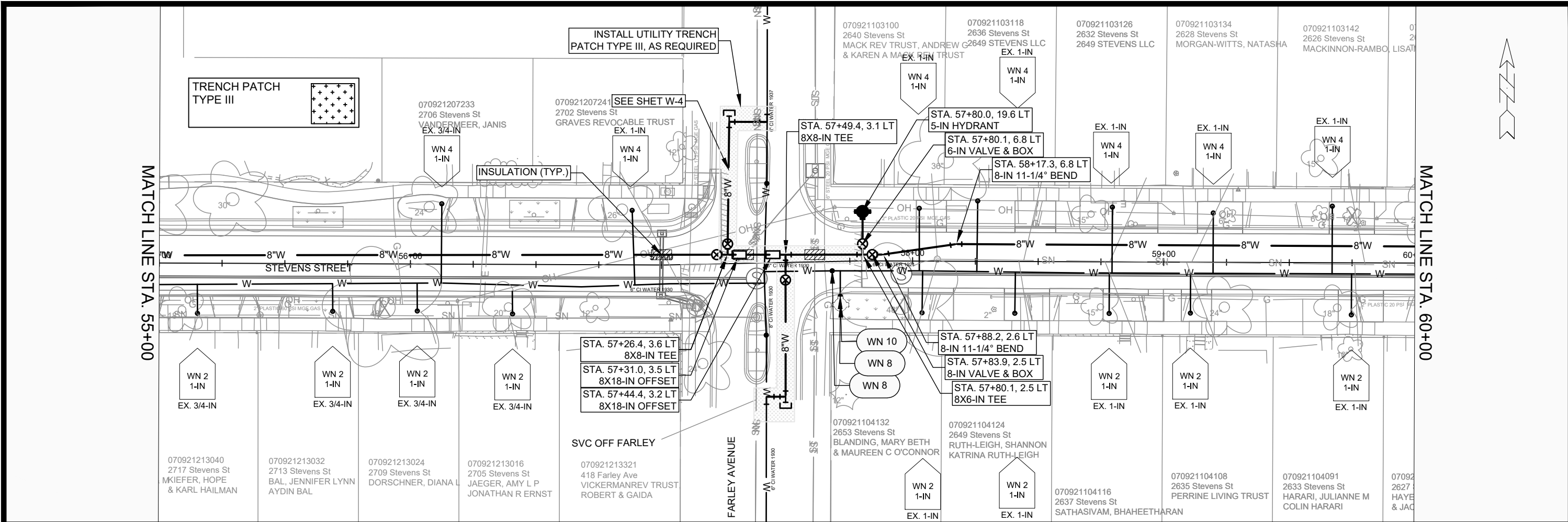
NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

SPECIFIC NOTES

[1] REMOVE ROOF OF STRUCTURE AND REPLACE WITH LID WITH TWO (2) 24" OPENINGS @ STA 63+56.64, LT-9.68 AND STA 63.56.66, LT-6.30 (PAID AS BID ITEM 90003 RECONSTRUCT CATCH BASIN TO SAS CASTING)
[2] LOWER CURB BOX 2" TO ACCOMDATE 4" CURB HEAD

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.



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

14764

MADISON, WI

CONTRACT NO: 8745

STEVENS STREET WATER PLAN AND PROFILE

STEVENS STREET ASSESSMENT DISTRICT - 2024

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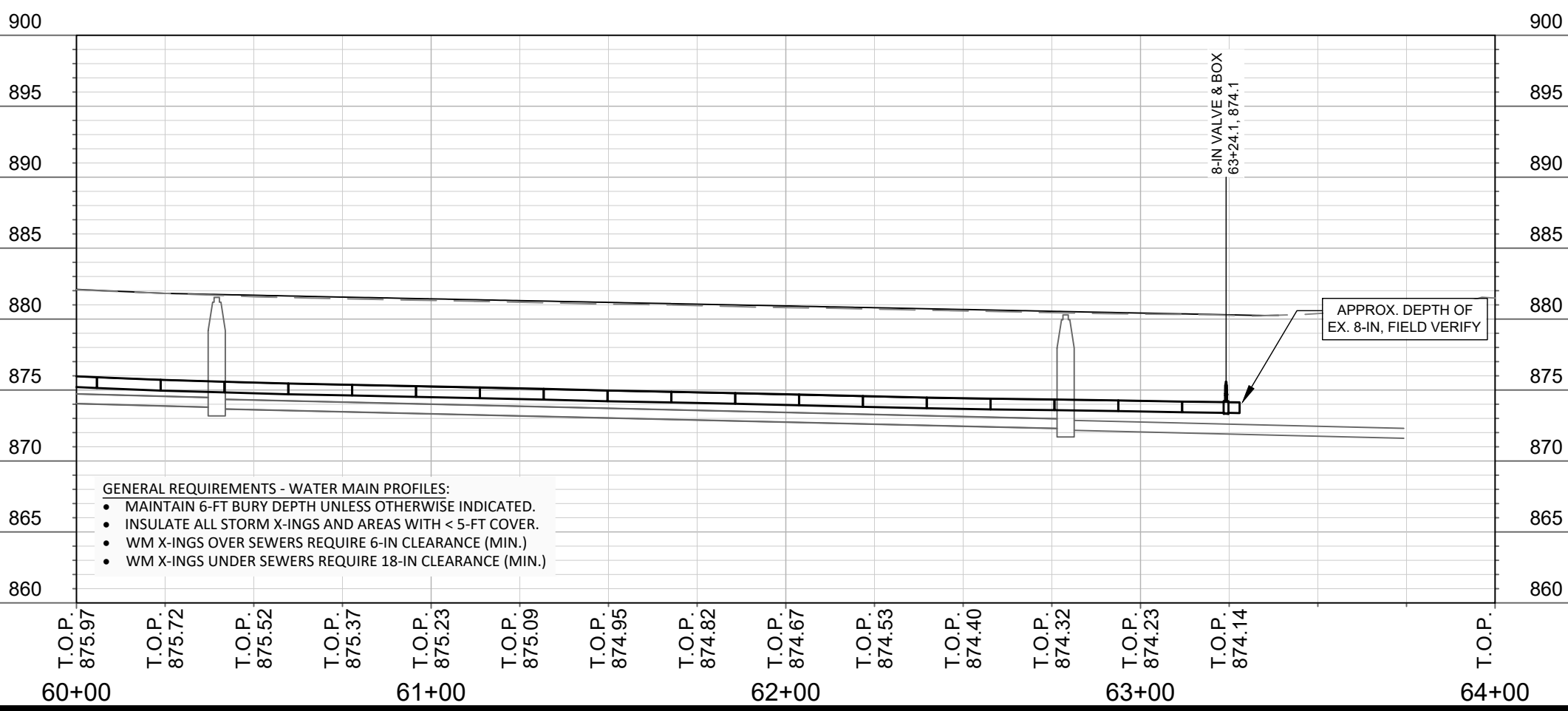
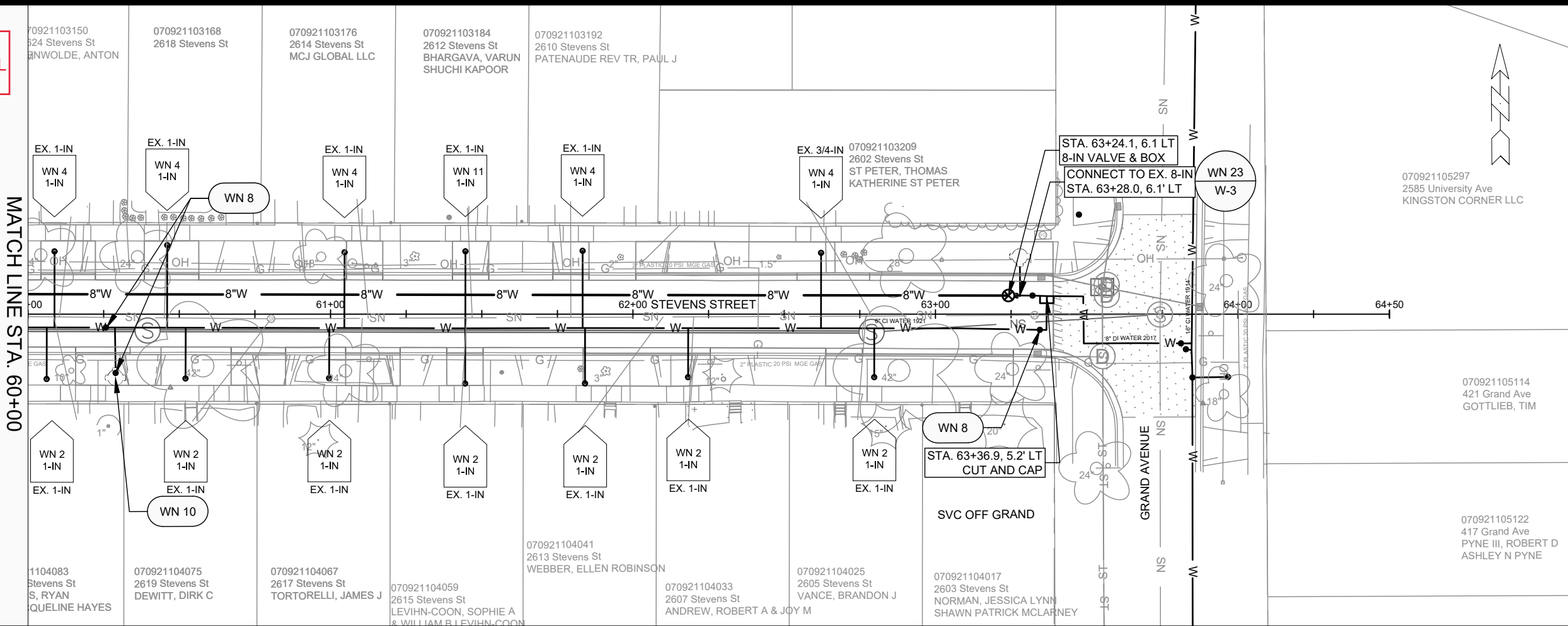
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W-2

DATE	BY
5/3/2024 8:29 AM	14764

W-2

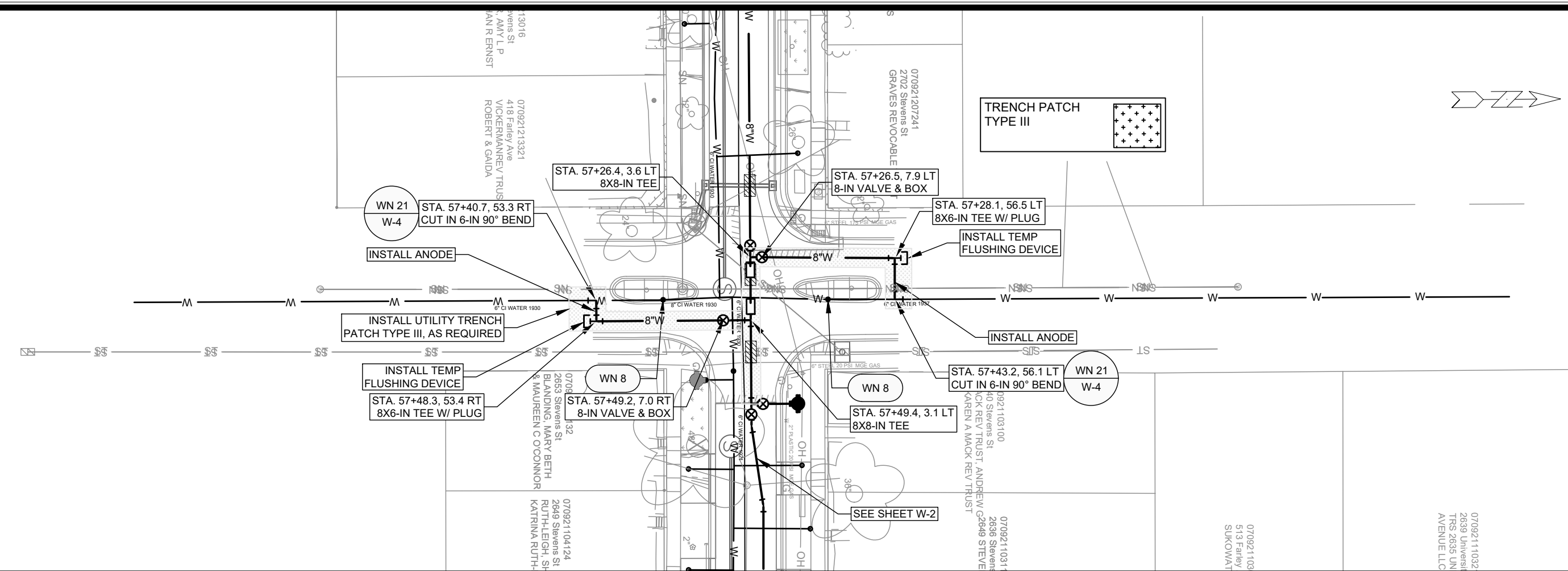
ADDENDUM 1 - 05/17/2024
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CURB REPLACEMENT



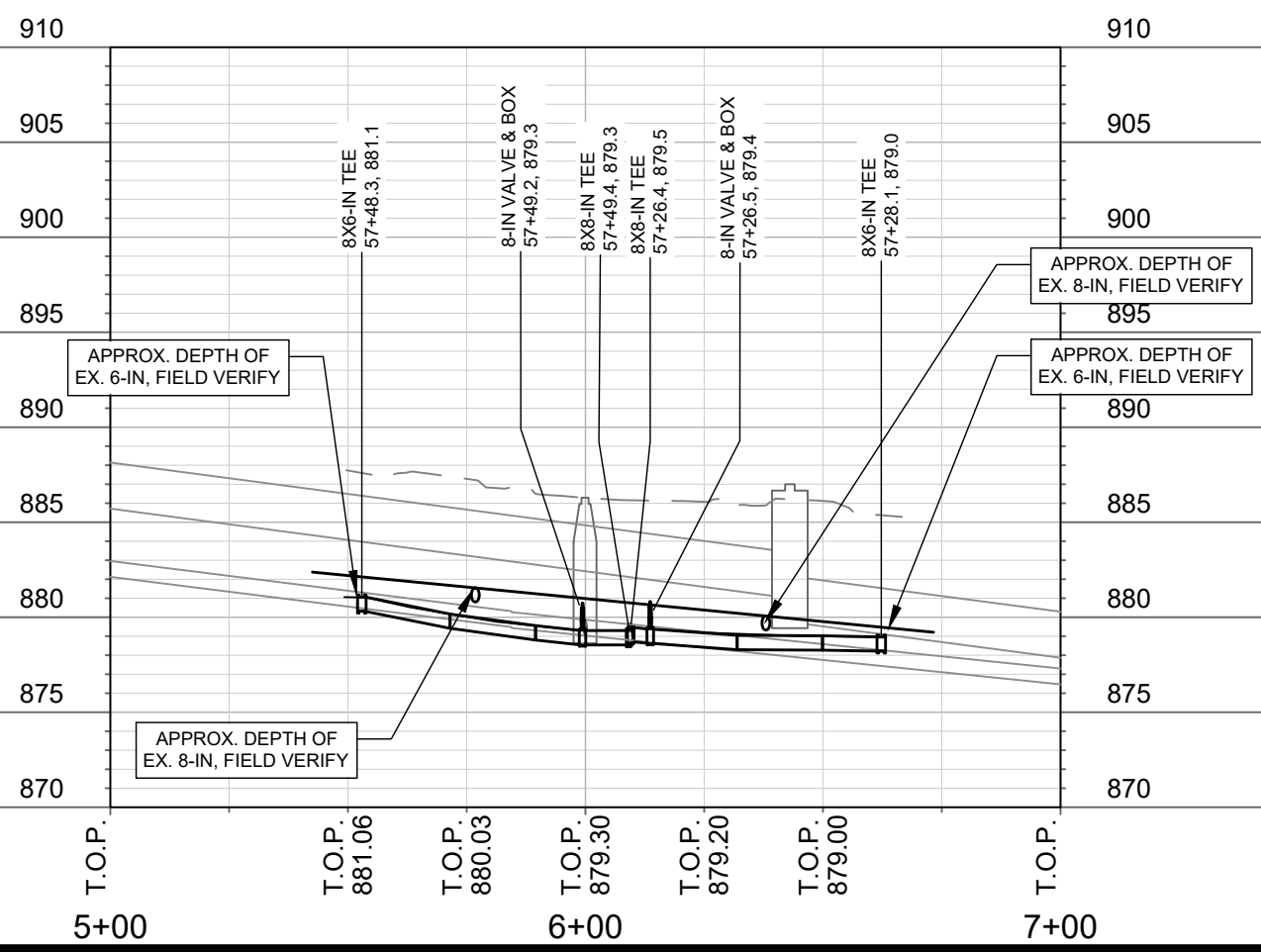
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- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

14764		MADISON, WI		8745	
STEVENS STREET WATER PLAN AND PROFILE		STEVENS STREET ASSESSMENT DISTRICT - 2024		CONTRACT NO:	
14764		W-3		W-3	
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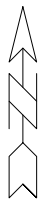
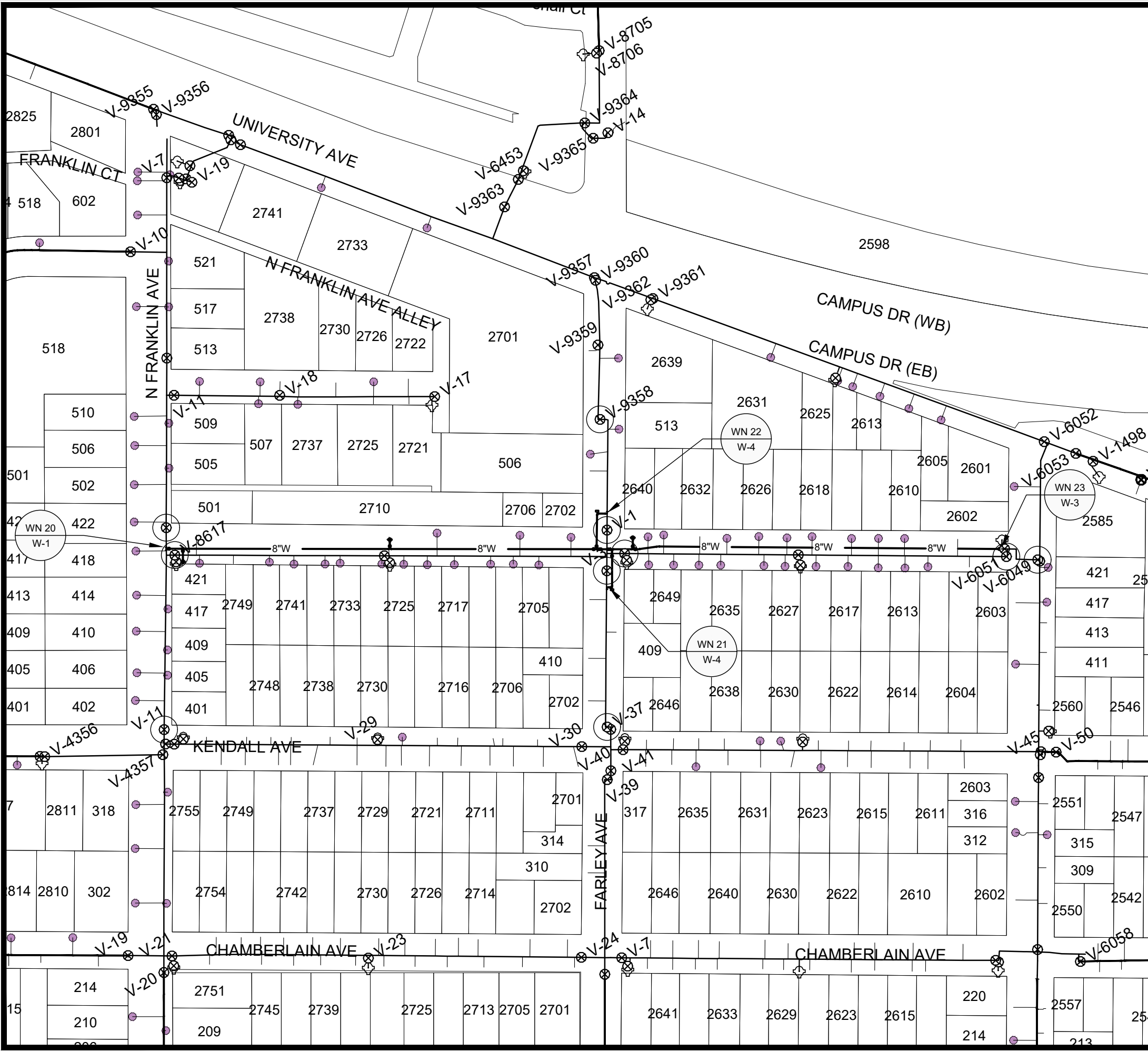
14764
W-3



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)



14764		MADISON, WI		CONTRACT NO: 8745	
FARLEY AVENUE WATER PLAN AND PROFILE		STEVENS STREET ASSESSMENT DISTRICT - 2024		M:\DESIGN\Projects\14764\CAD\Water\14764WU-Water Stevens.dwg	
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BY		DATE		Scale: #####	
REVISION		Date: 5/3/2024 8:29 AM		14764	
MARK		Desiged By: ##		14764	



1" = 150'



WN20 W-1 CUT IN CONNECTION AT EX. 10-IN STEVENS AT FRANKLIN
ISOLATION VALVES: V-8617, V-7345, AND V-11
NOTIFY: 402 THROUGH 418 N. FRANKLIN AVE

WN21 W-4 CUT IN CONNECTION AT EX. 6-IN FARLEY AT STEVENS
ISOLATION VALVES: V-3 AND V-37
NOTIFY: 2702 KENDALL AVE AND 409 THROUGH 418 FARLEY AVE

WN22 W-4 CUT IN CONNECTION AT EX. 6-IN FARLEY AT STEVENS
ISOLATION VALVES: V-1 AND V-9358
NOTIFY: 506 AND 513 FARLEY AVE

WN23 W-3 CUT IN CONNECTION AT EX. 8-IN STEVENS AT GRAND
ISOLATION VALVES: V-6050
NOTIFY: NONE REQUIRED

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.

14764		MADISON, WI		8745	
STEVENS STREET RESURFACING WITH UTILITIES		WATER IMPACT PLAN STEVENS STREET		CONTRACT NO:	
BY		DATE		Scale: 1"=150'	
REVISION		Date: 5/2/2024 8:30 AM		14764	
MARK		Designed By: TDP		W-5	



14764

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

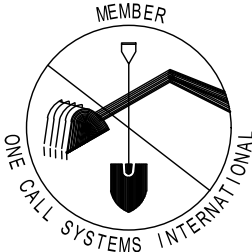
ULO	UTILITY	STATION	OFFSET	SHEET
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*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:			
PAY ITEM ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	80	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	1360	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	6	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	3	EACH
70053	REPLACE 1-INCH COPPER SERVICE LATERAL	2	EACH
70056	RECONNECT 1-INCH SERVICE LATERAL	38	EACH
70080	CUT-IN OR CONNECT TO EXISTING WATER SYSTEM	4	EACH
70101	FURNISH AND INSTALL STYROFOAM	2	EACH
70111	FURNISH & INSTALL ANODE	3	EACH
71014	8-IN MJ PLUG	2	EACH
71110	6-IN 90° BEND	2	EACH
71147	8-IN 11-1/4° BEND	2	EACH
71210	8X6-IN TEE	5	EACH
71211	8X8-IN TEE	2	EACH
71214	10X8-IN TEE	1	EACH
71341	8X18-IN OFFSET	2	EACH
*ESTIMATE OF MATERIALS SALVAGED:			
	SALVAGE HYDRANT	4	EACH
* 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

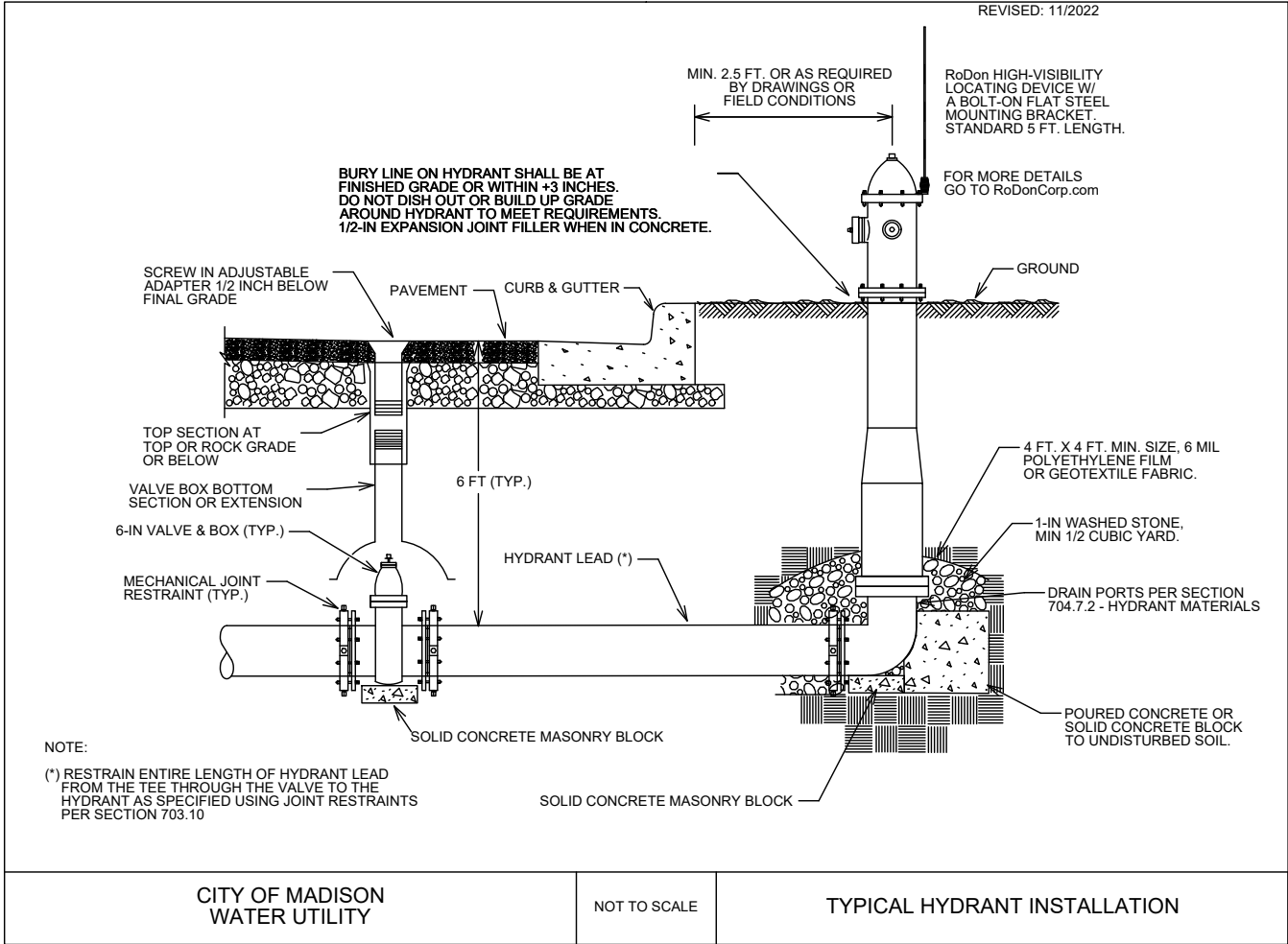
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



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

STEVENS STREET RESURFACING WITH UTILITIES

WATER ESTIMATE OF MATERIALS



14764
W-6

14764

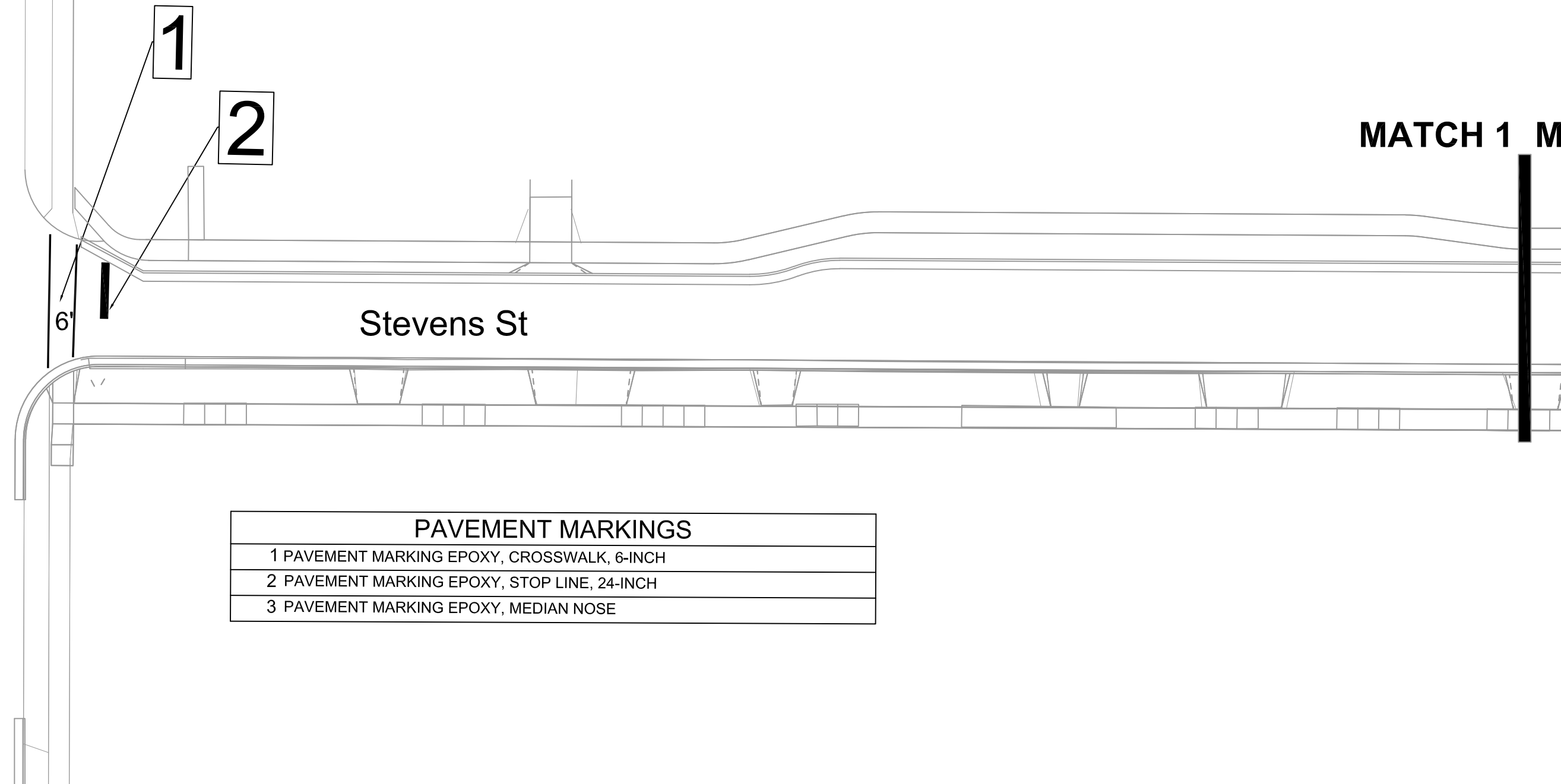
MADISON, WI

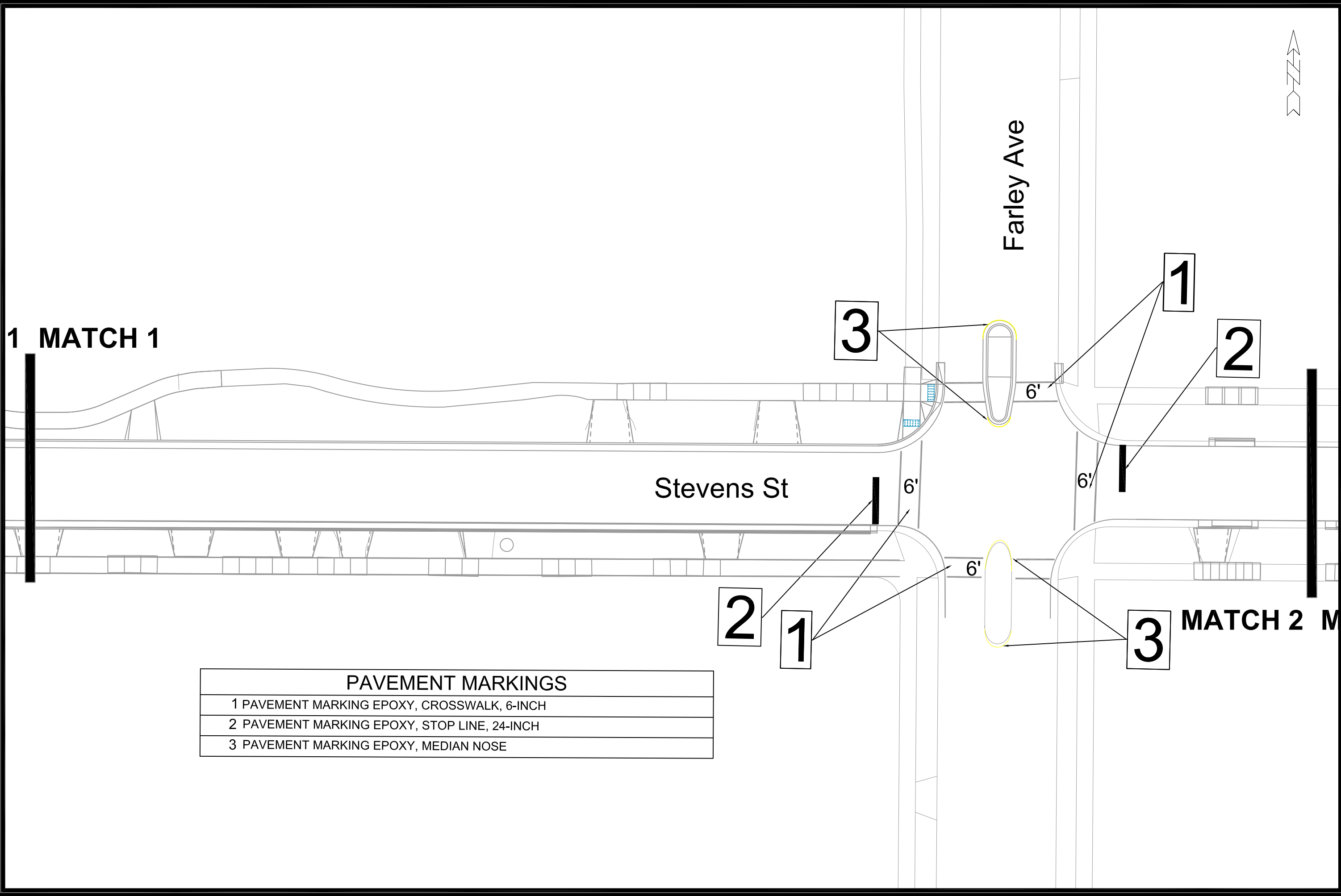
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8745

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W-6

[illegible]



1 MATCH 1

MATCH 2 M

PAVEMENT MARKINGS	
1	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
2	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
3	PAVEMENT MARKING EPOXY, MEDIAN NOSE



14764

M-2

PAVEMENT MARKING PLAN

STEVENS STREET ASSESSMENT DISTRICT-2024

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14764

MADISON, WI

8745

CONTRACT NO:

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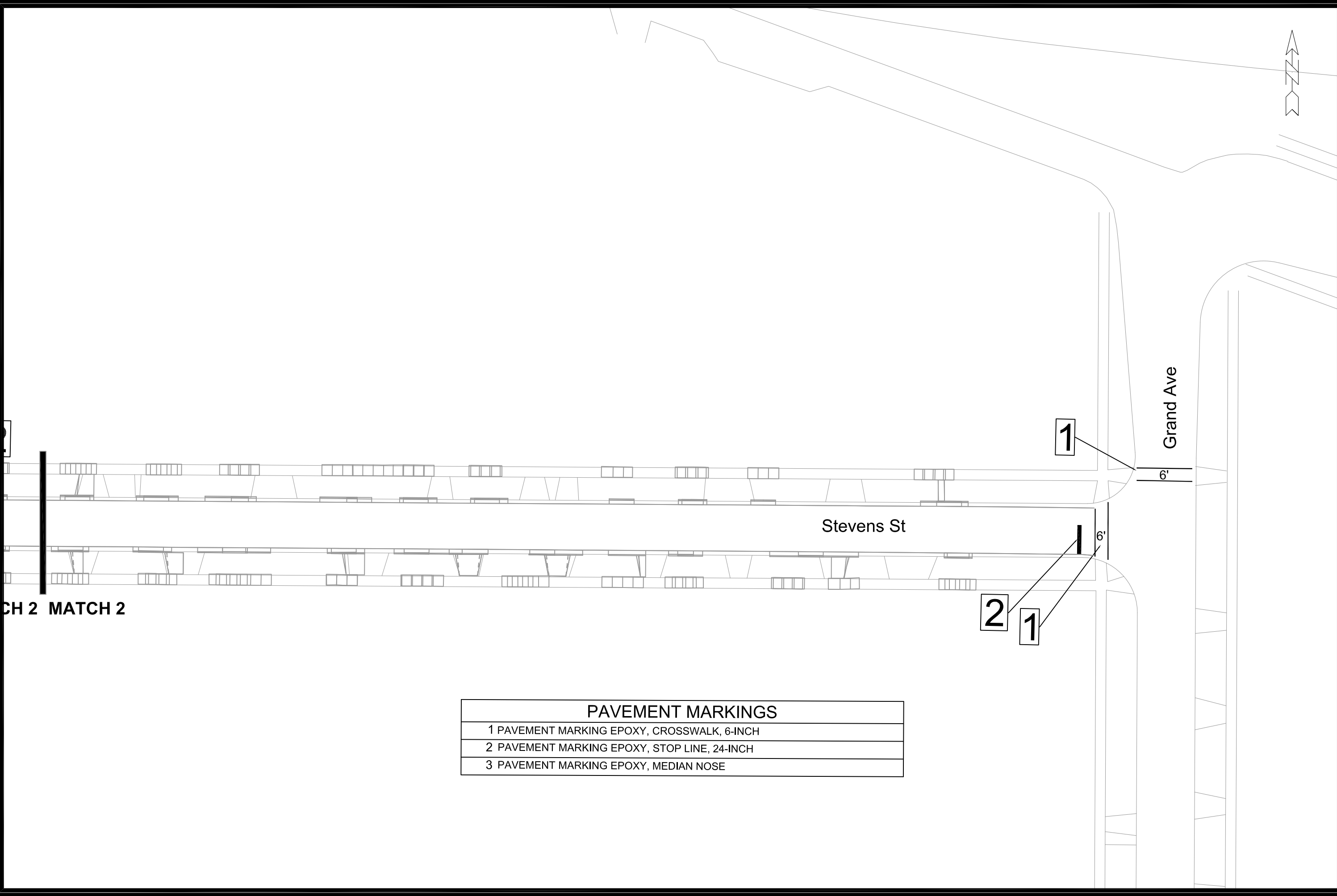
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REVISION

14764

Scale:

M-2



MATCH 2 MATCH 2

PAVEMENT MARKINGS	
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2	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
3	PAVEMENT MARKING EPOXY, MEDIAN NOSE



14764

M-3

PAVEMENT MARKING PLAN

STEVENS STREET ASSESSMENT DISTRICT-2024

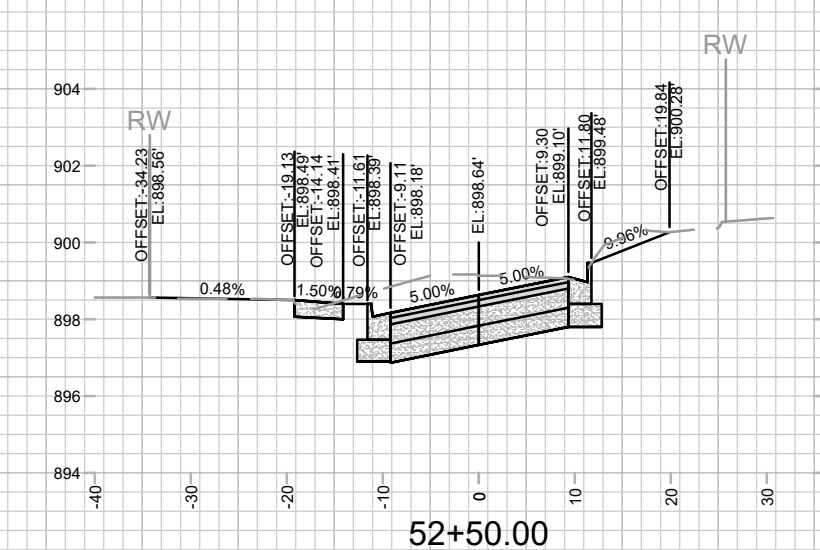
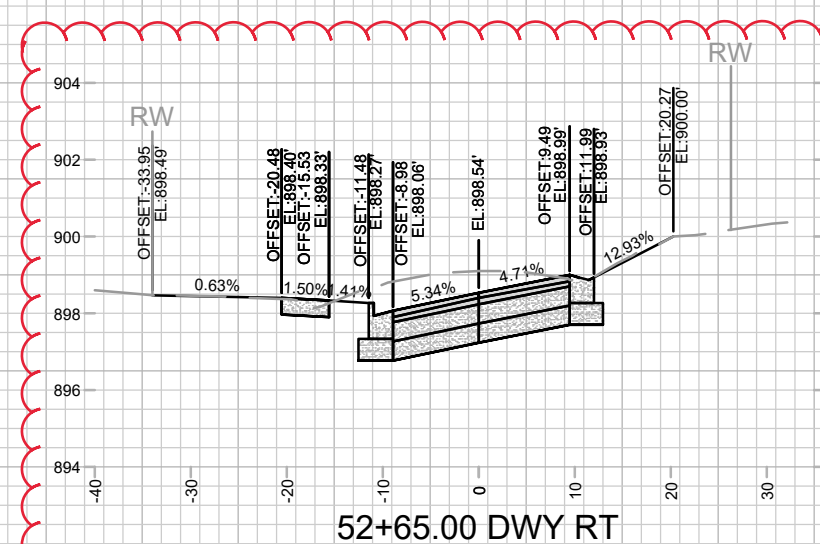
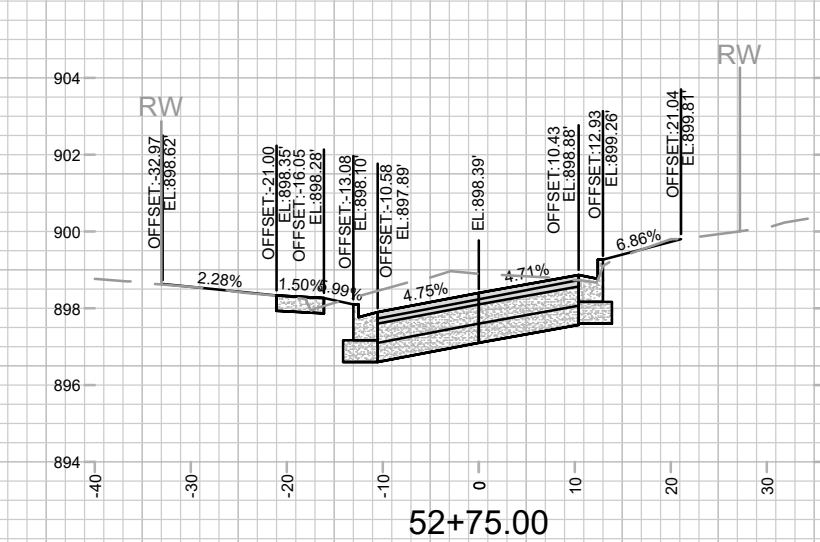
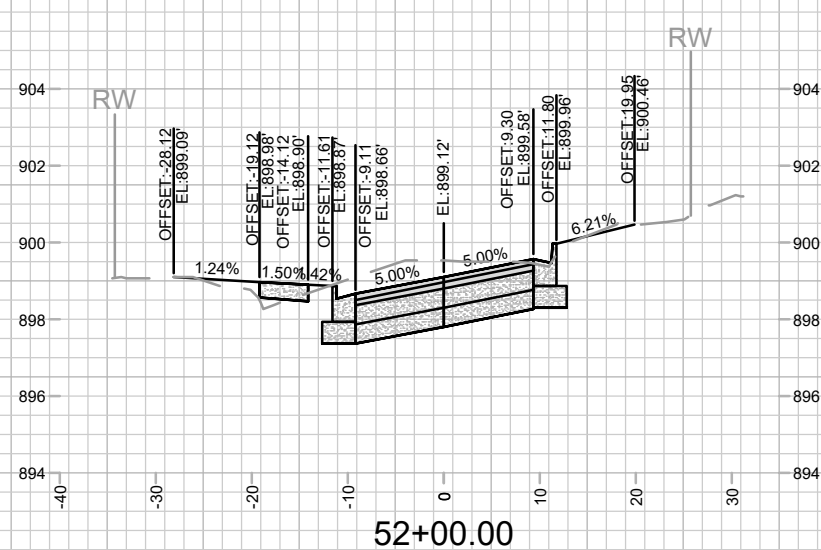
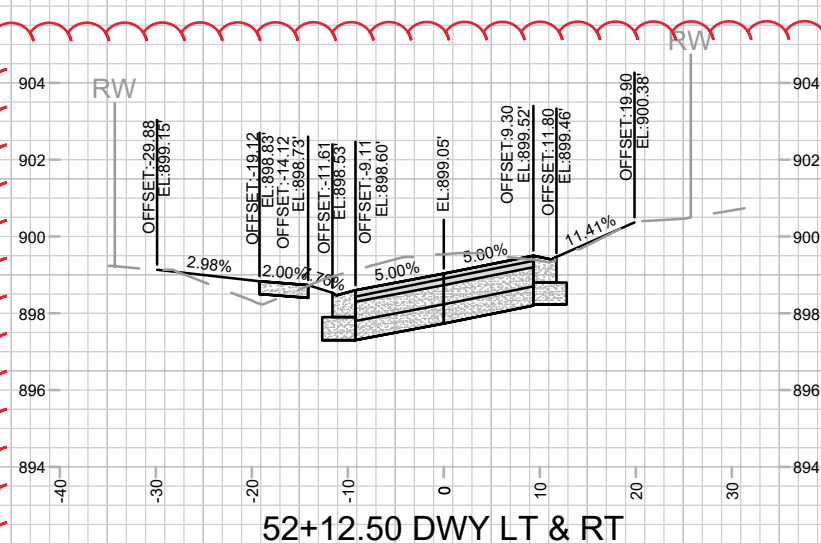
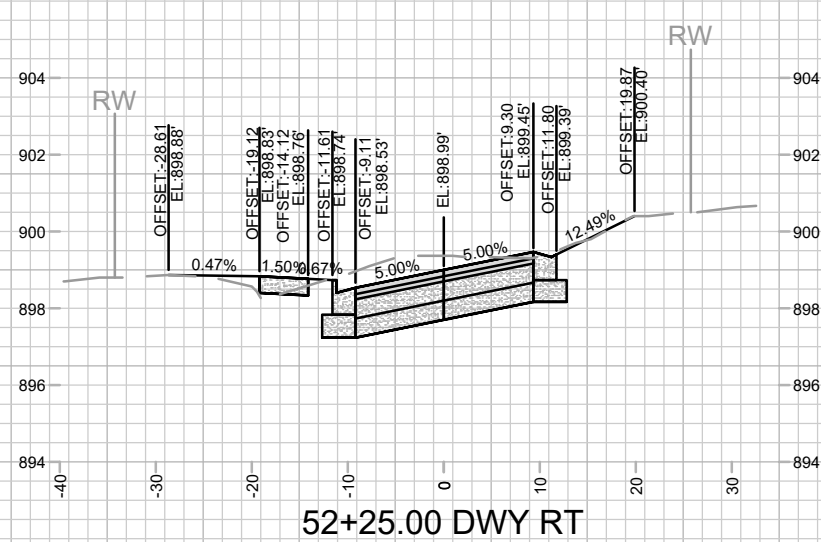
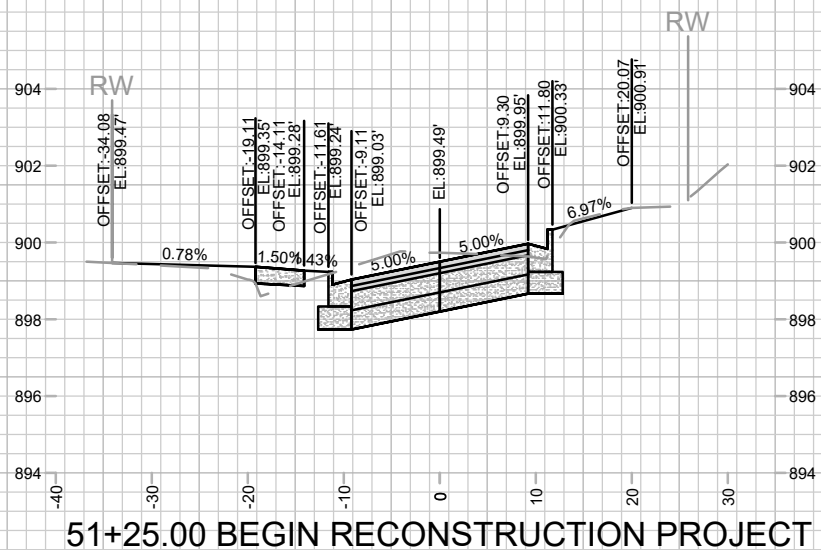
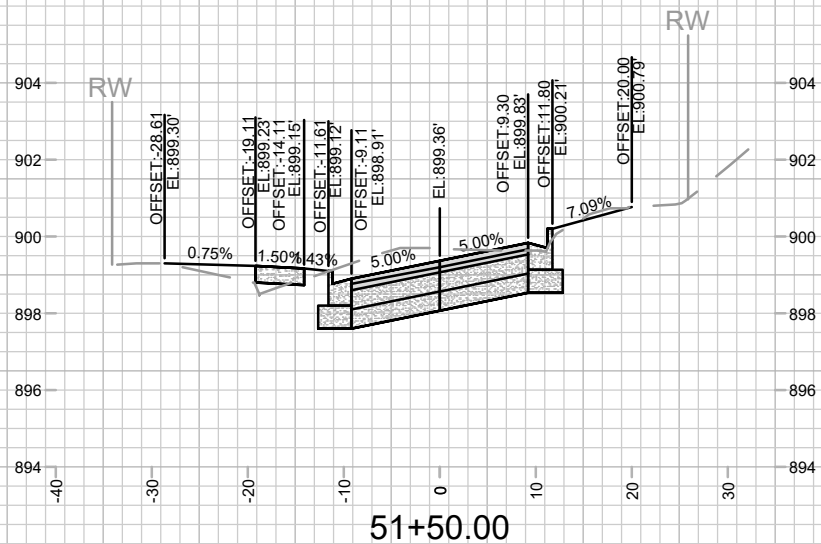
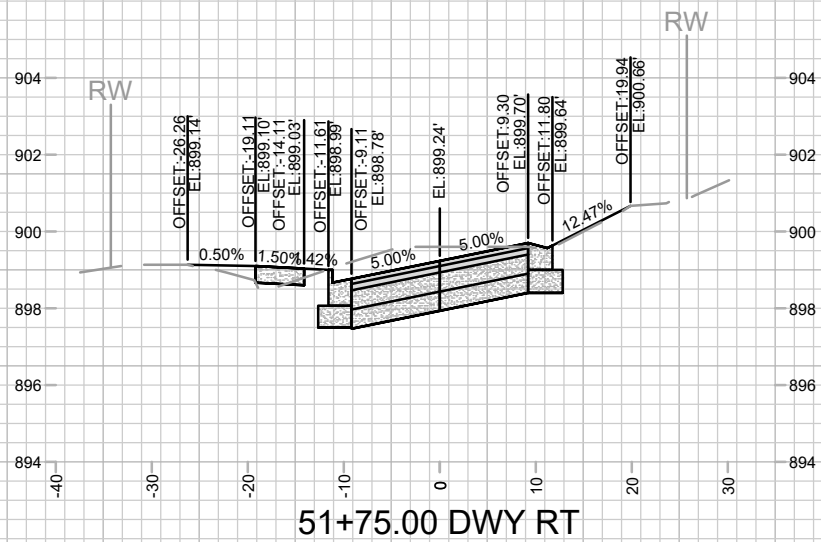
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MADISON, WI

CONTRACT NO: 8745

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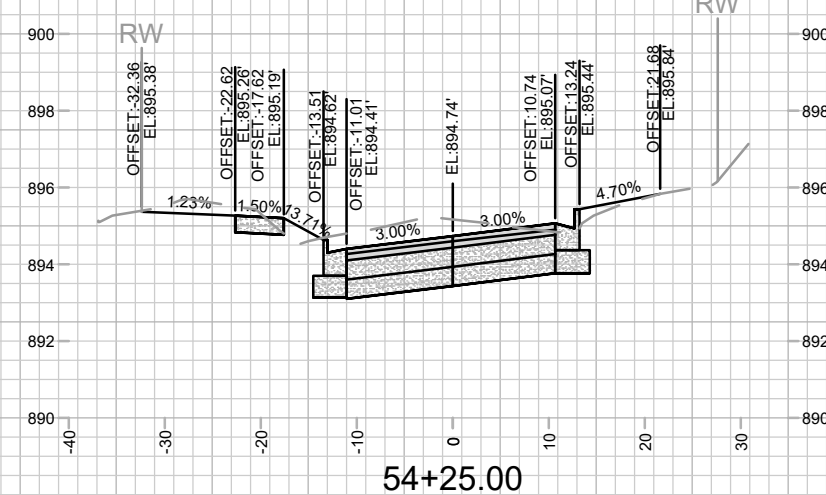
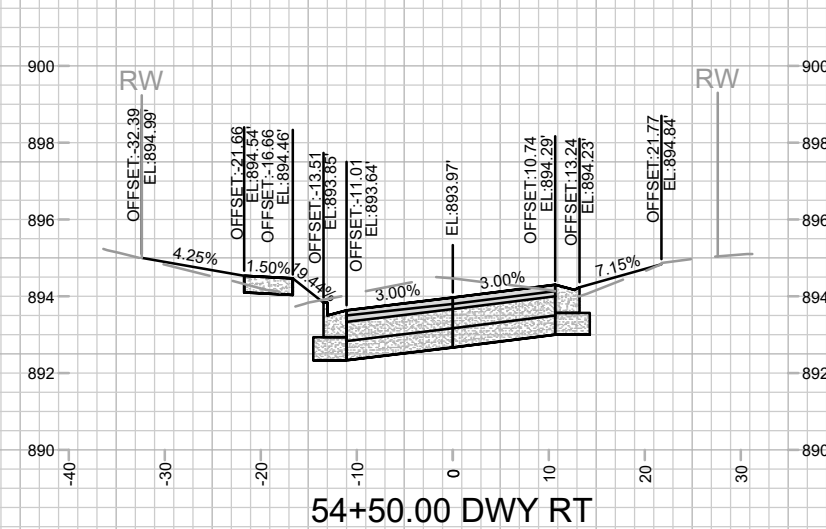
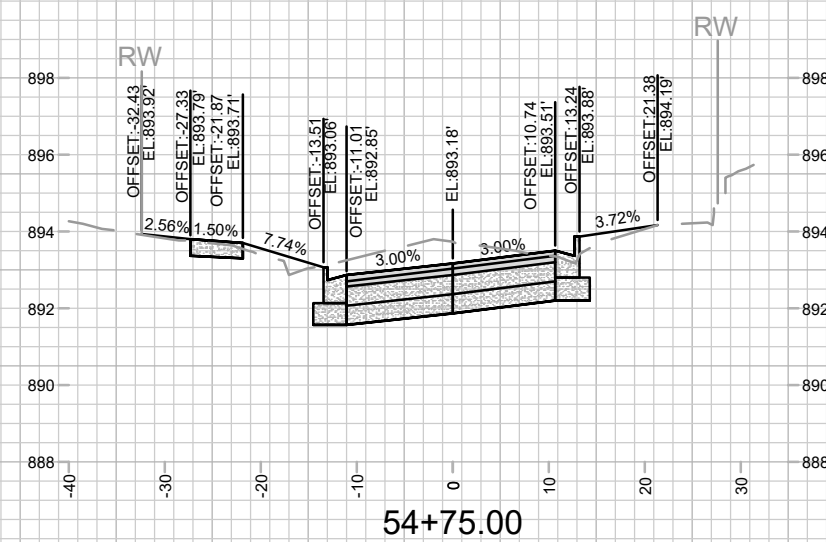
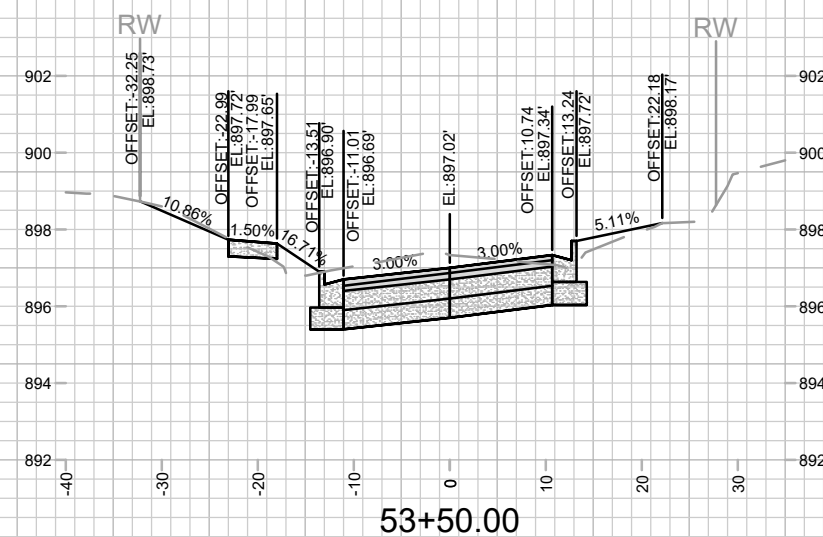
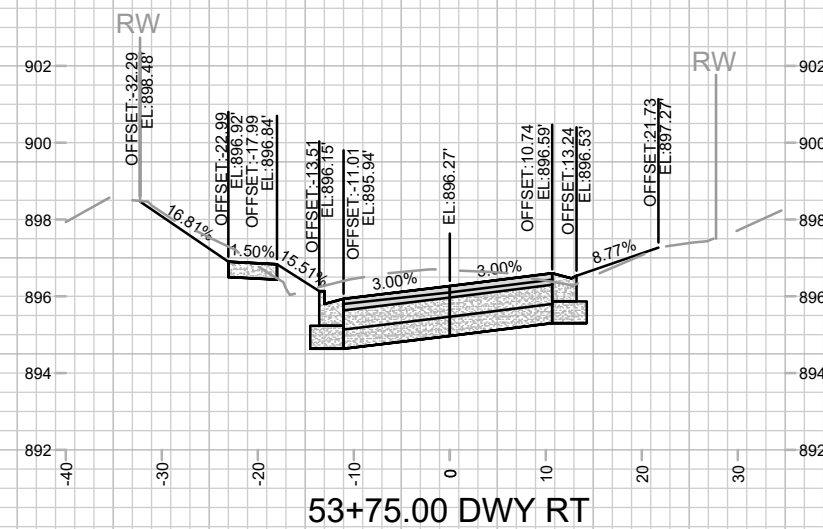
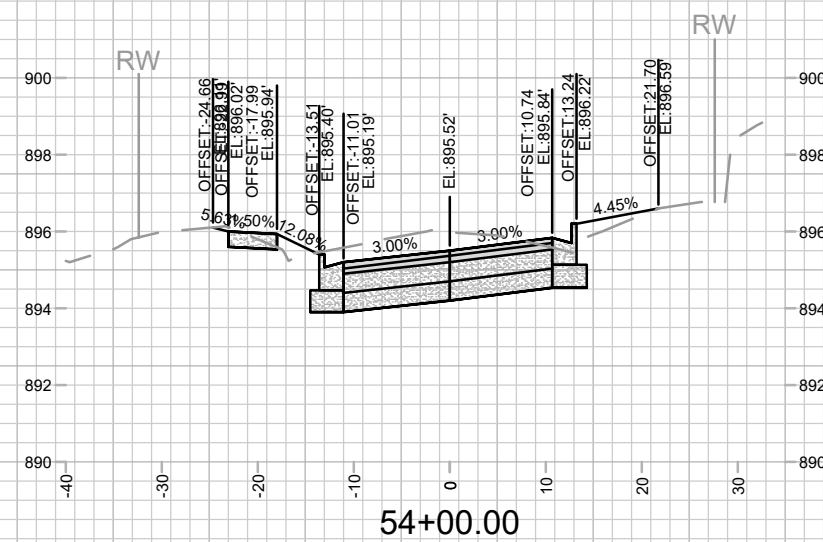
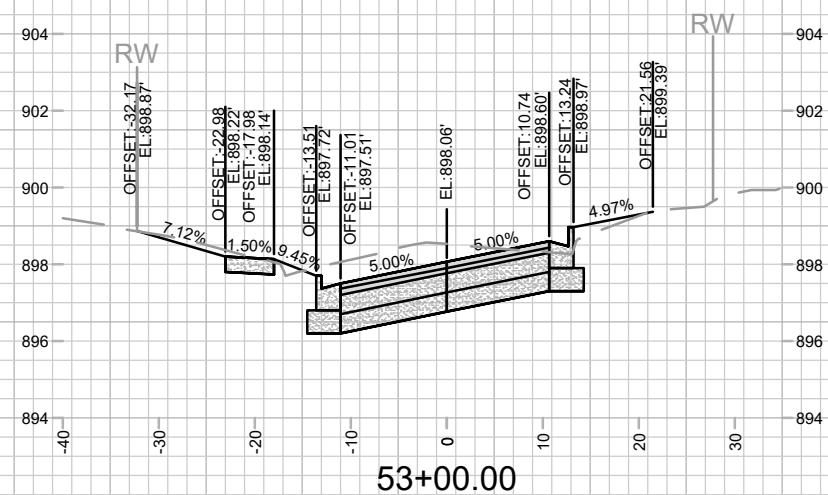
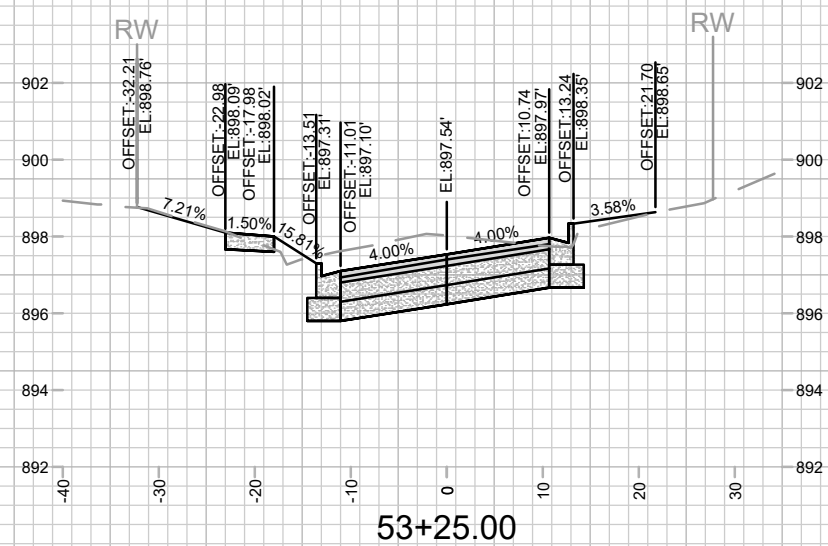
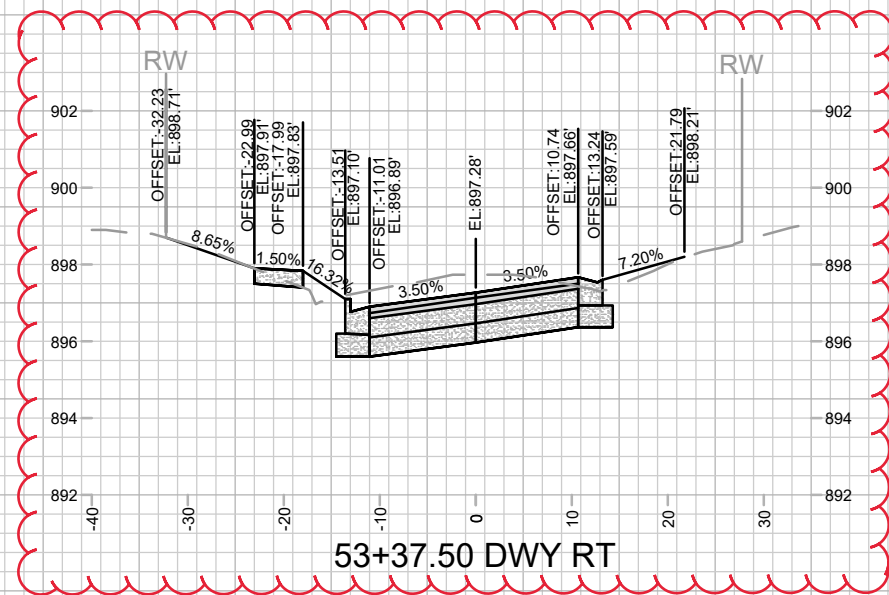
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MARK	
REVISION	
BY	

14764
MADISON, WI
8745
CONTRACT NO:

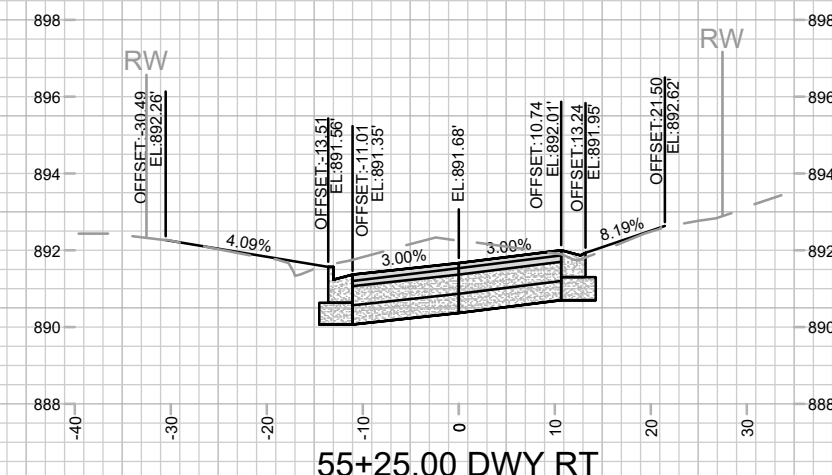
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STEVENS STREET ASSESSMENT DISTRICT - 2024
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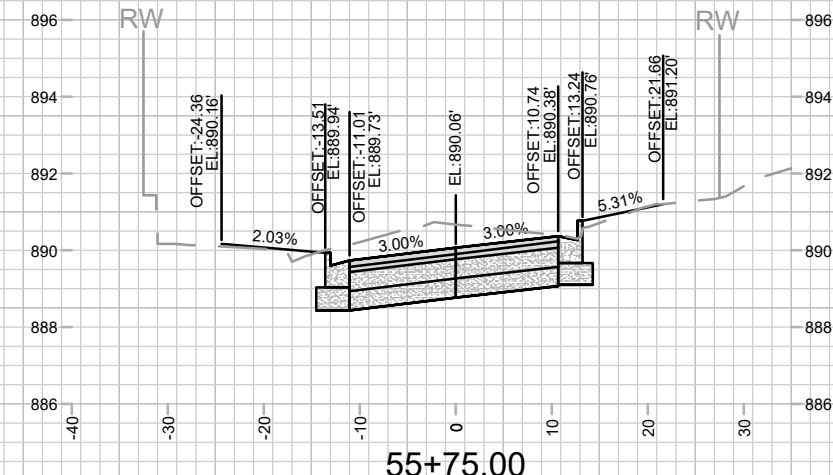
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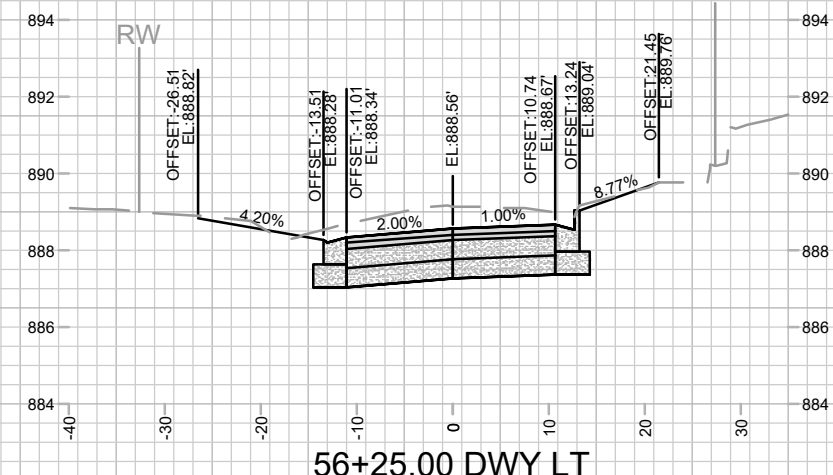
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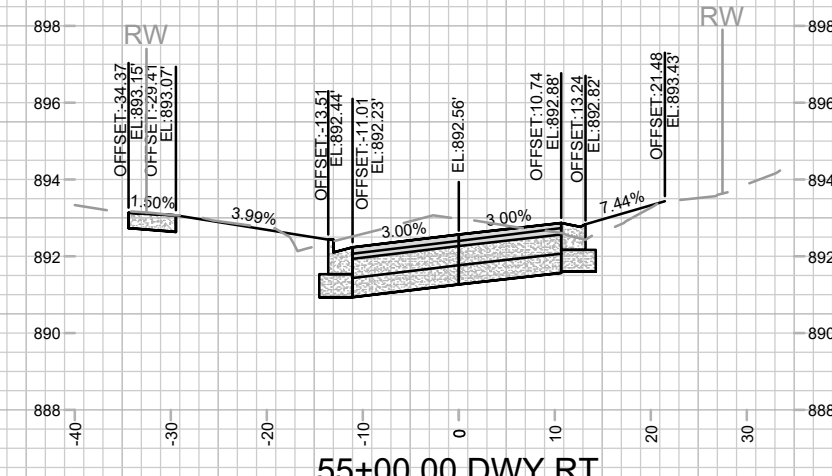
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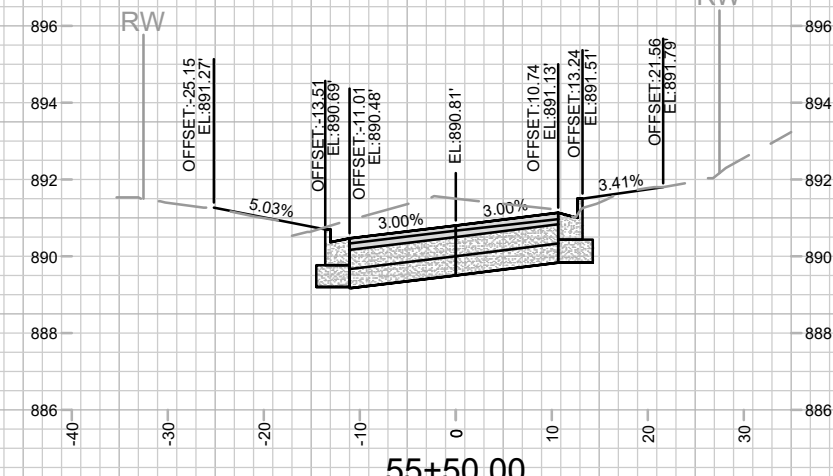
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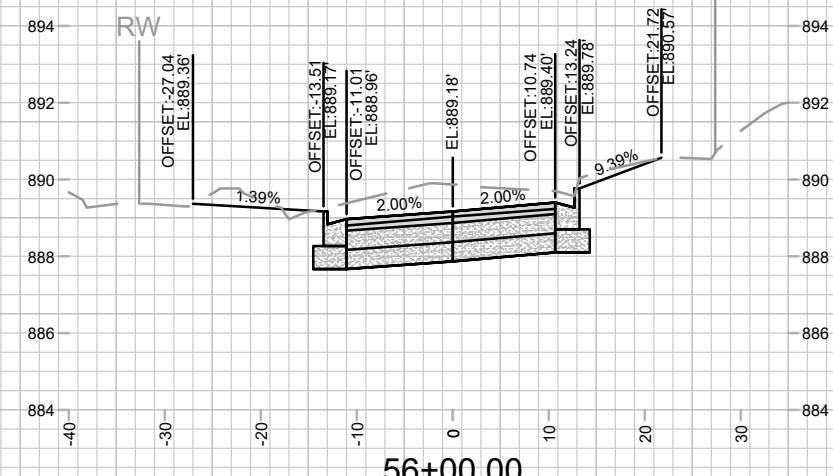
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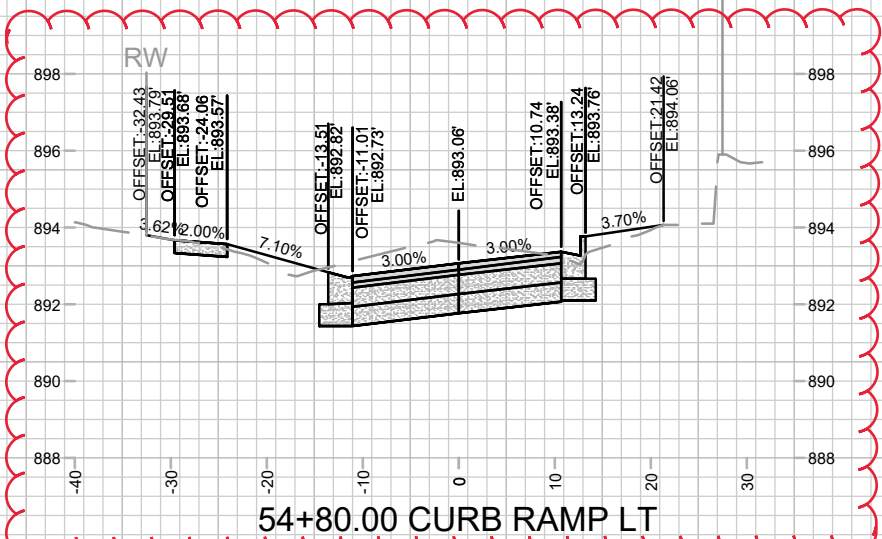
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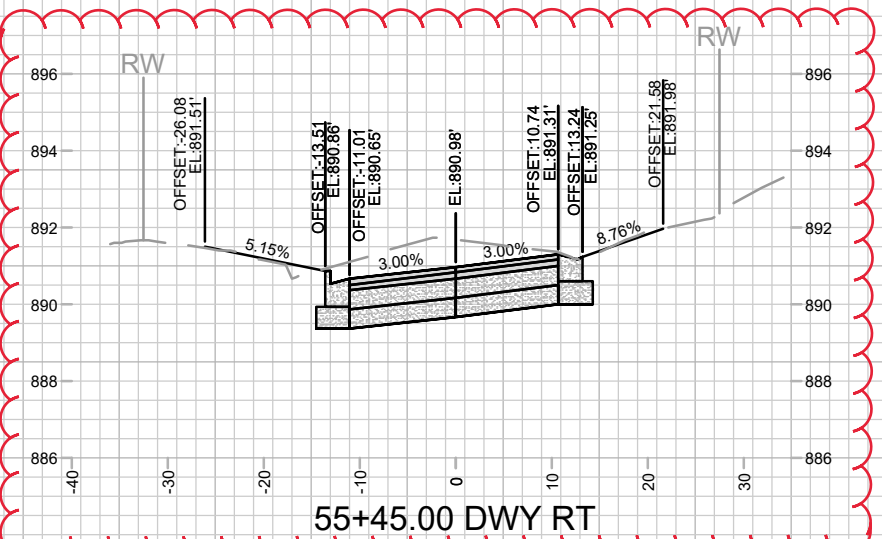
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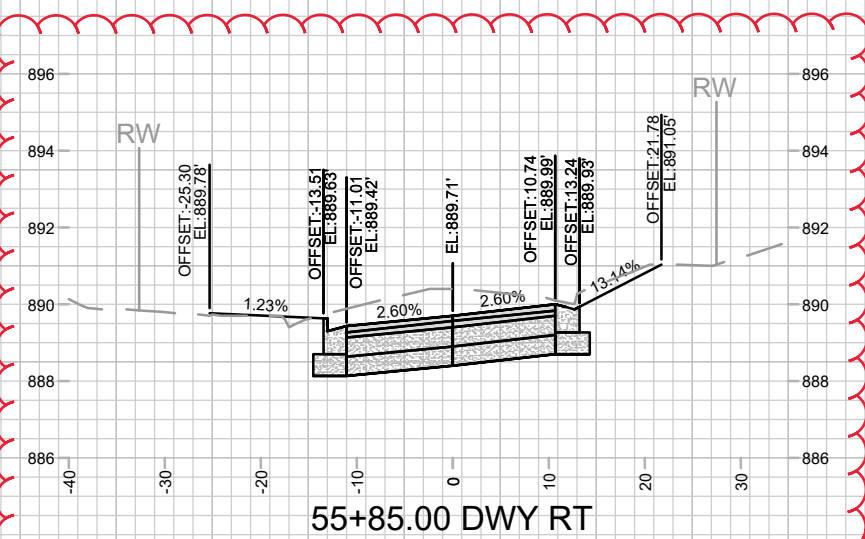
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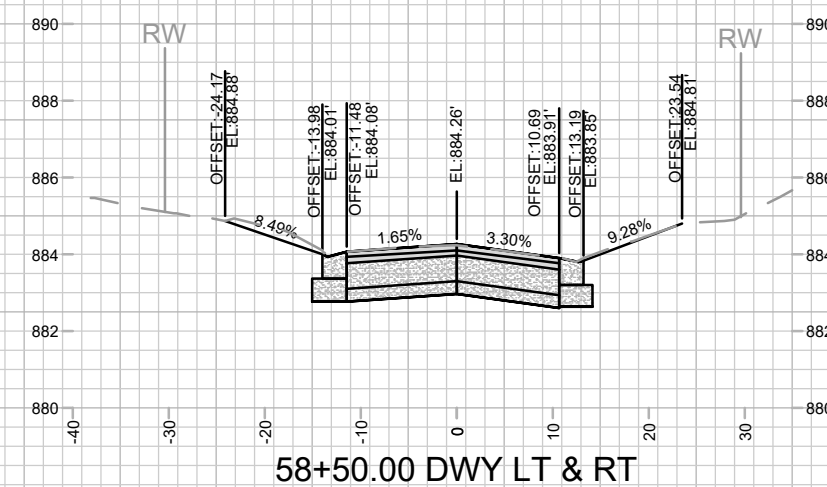
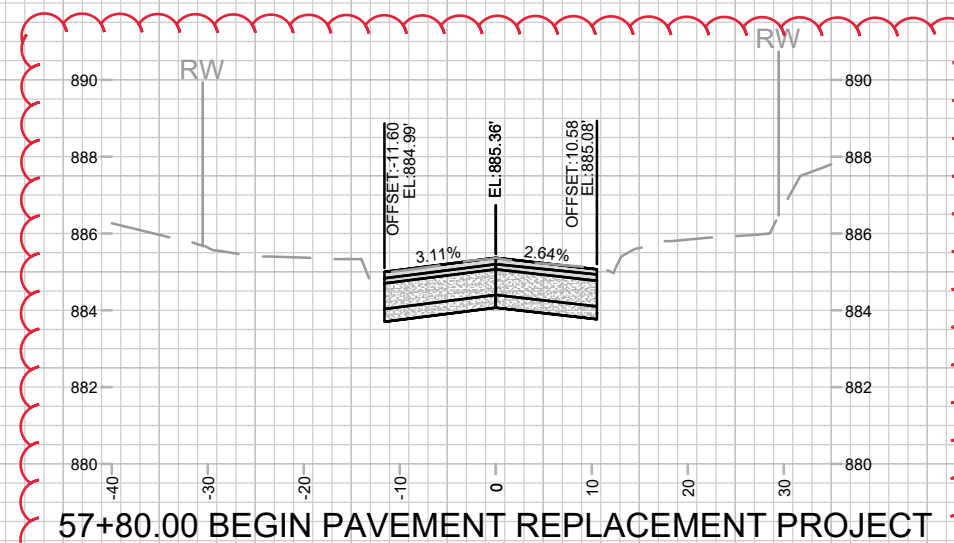
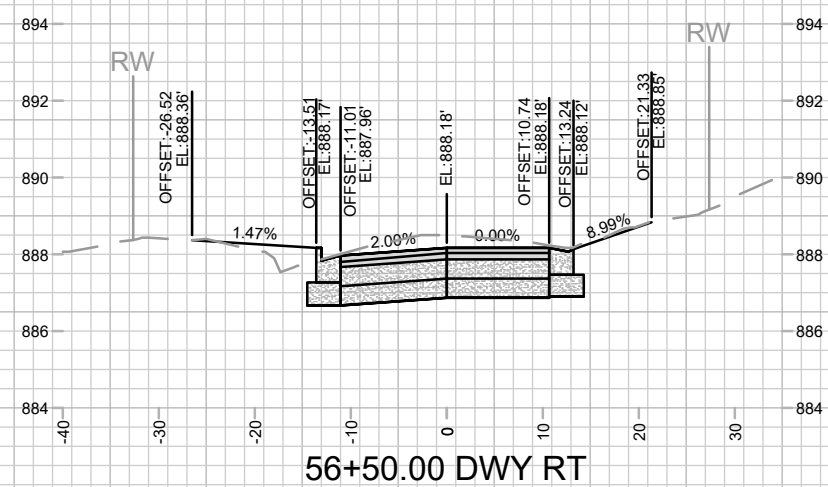
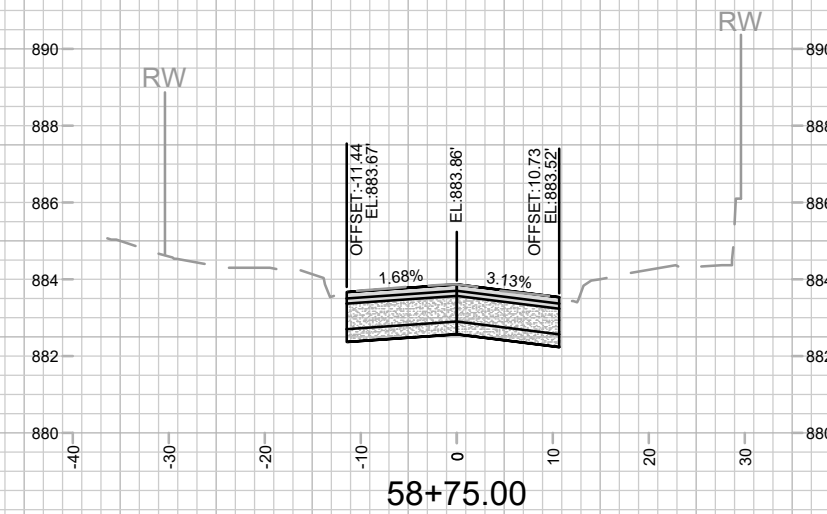
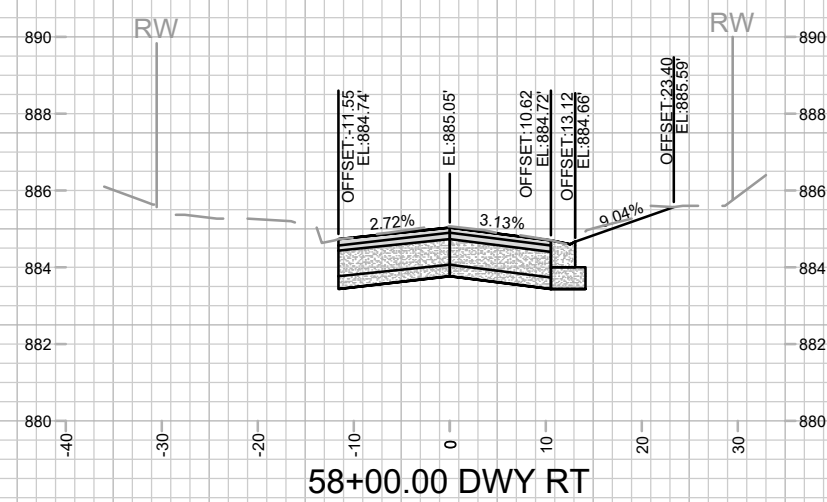
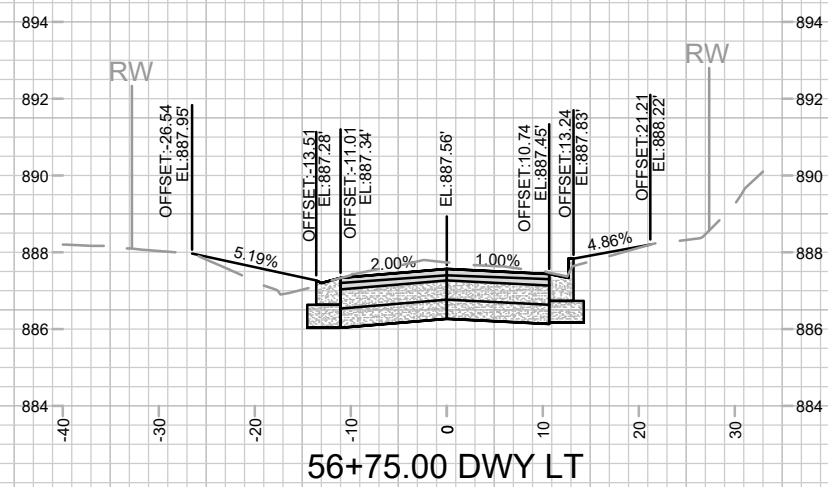
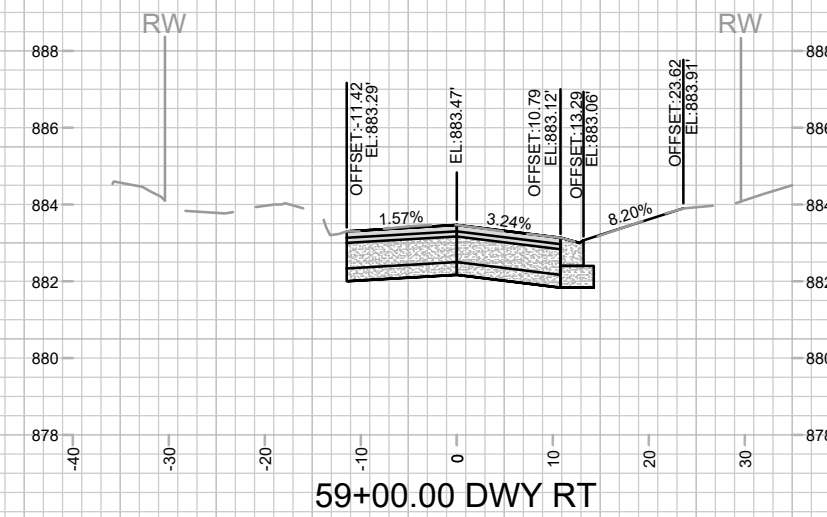
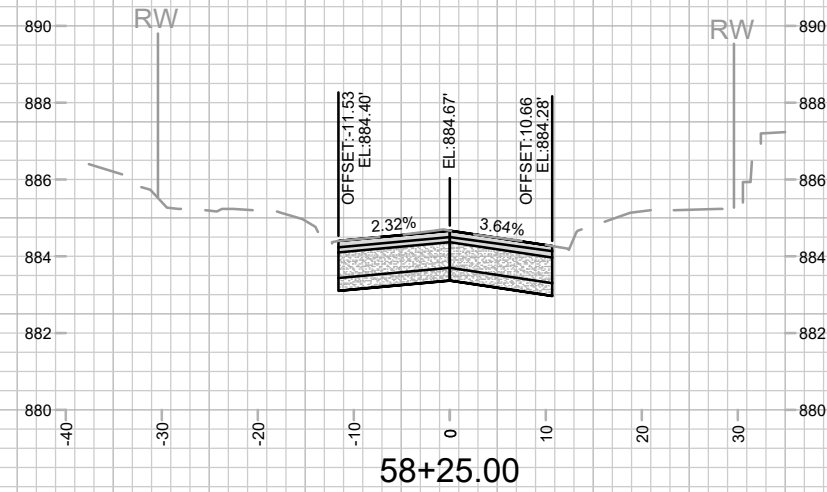
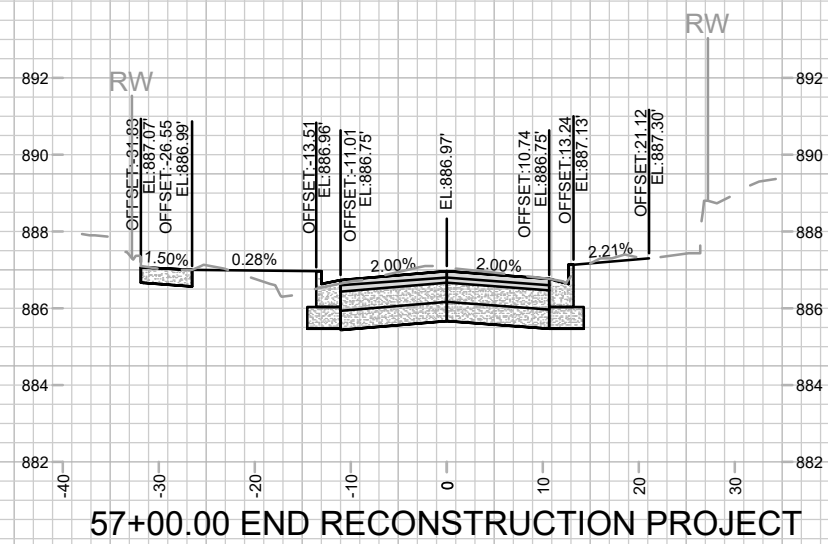


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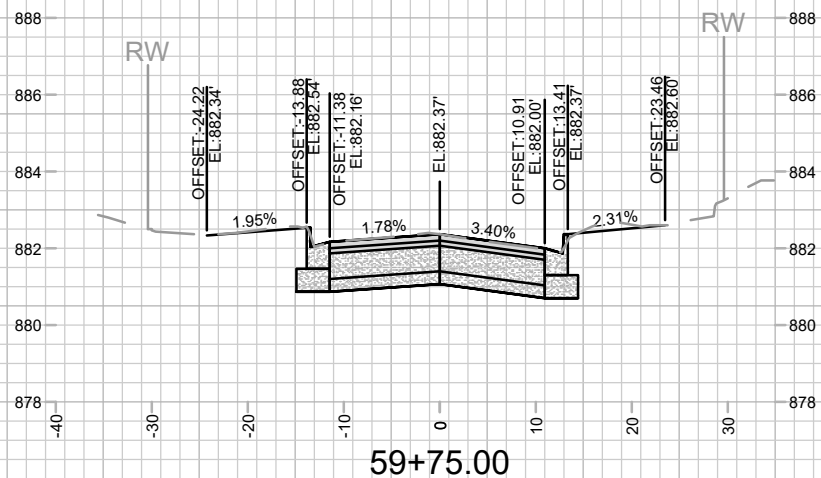


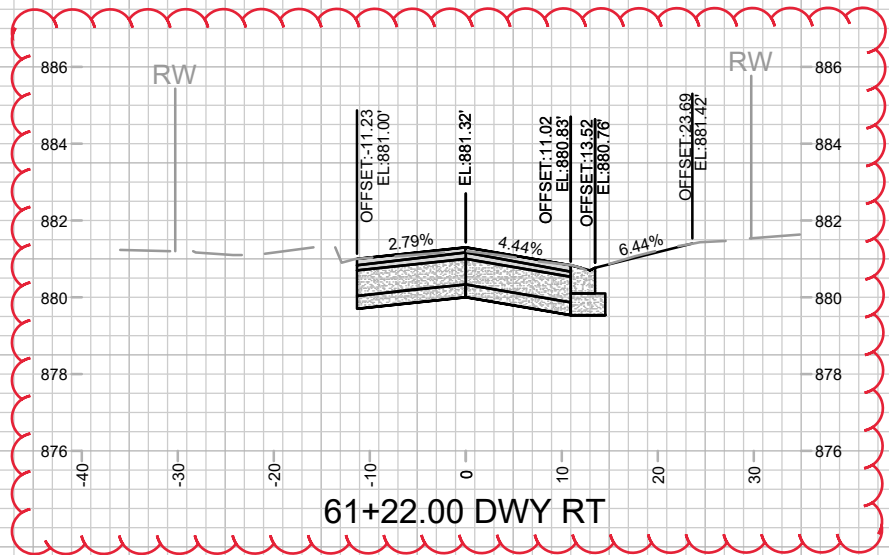
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ADDENDUM 1 - GCIT - 05/17/2024
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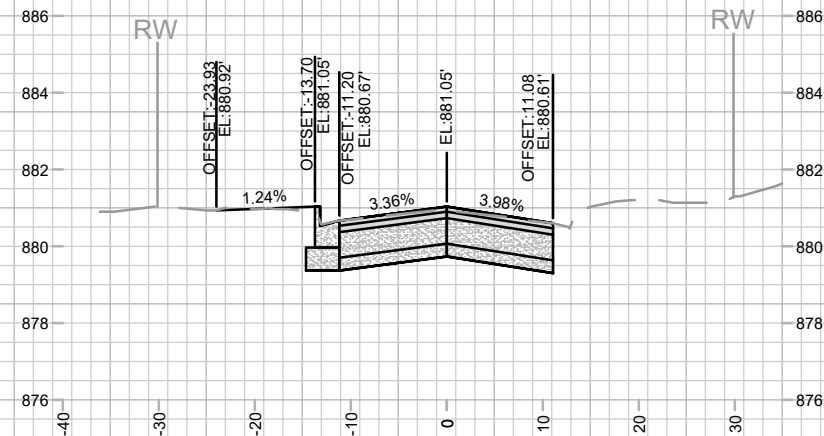


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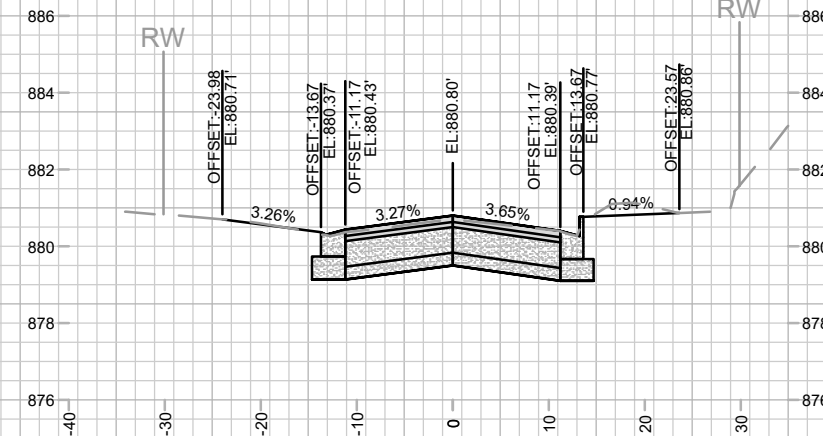




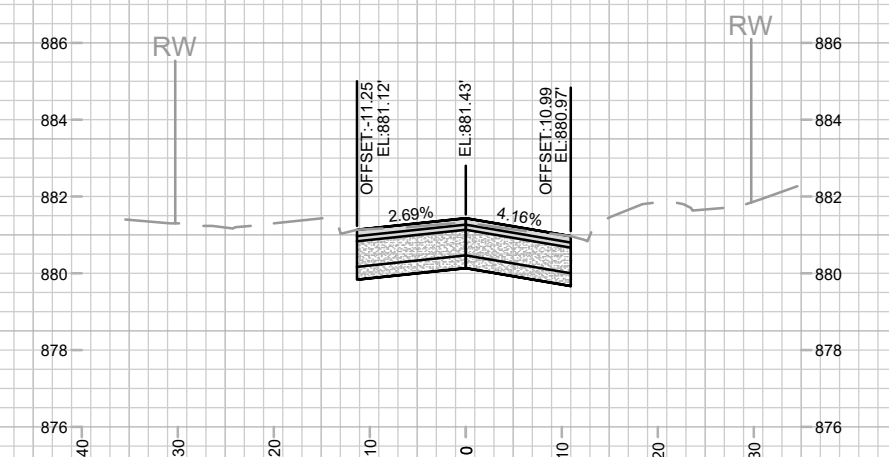
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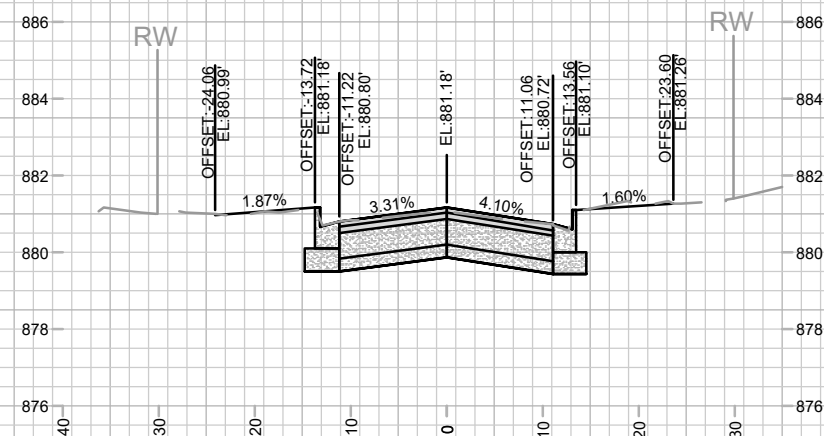
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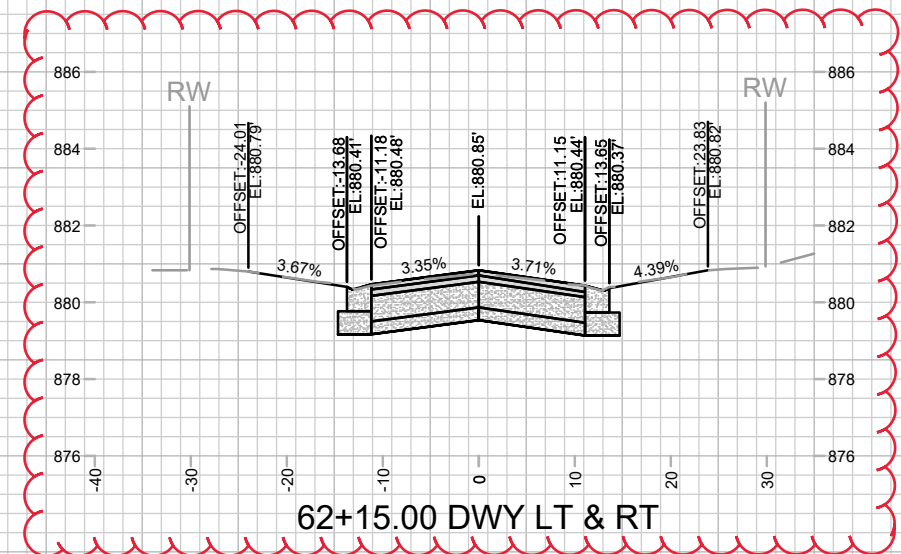
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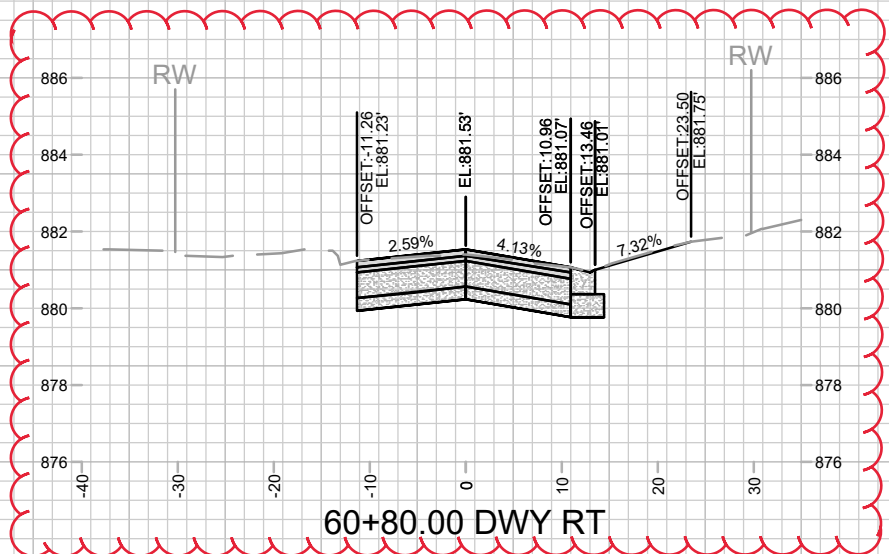
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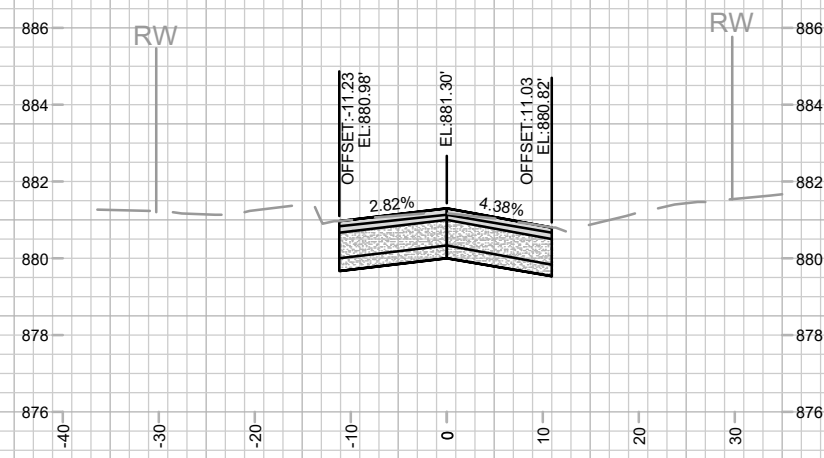
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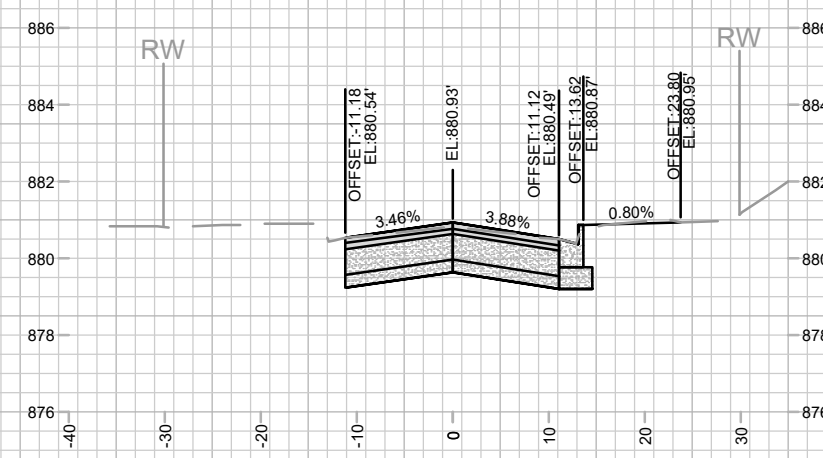
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61+25.00



62+00.00

ADDENDUM 1 - GCIT - 05/17/2024
- CROSS SECTIONS ADDED

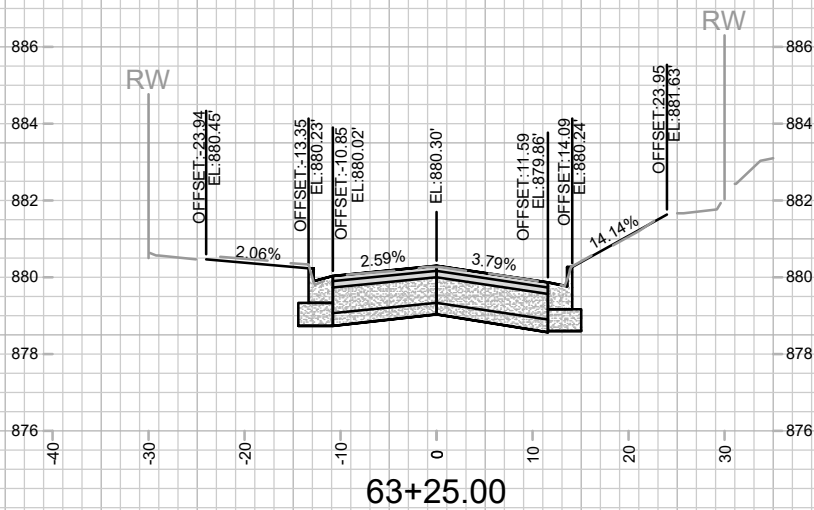
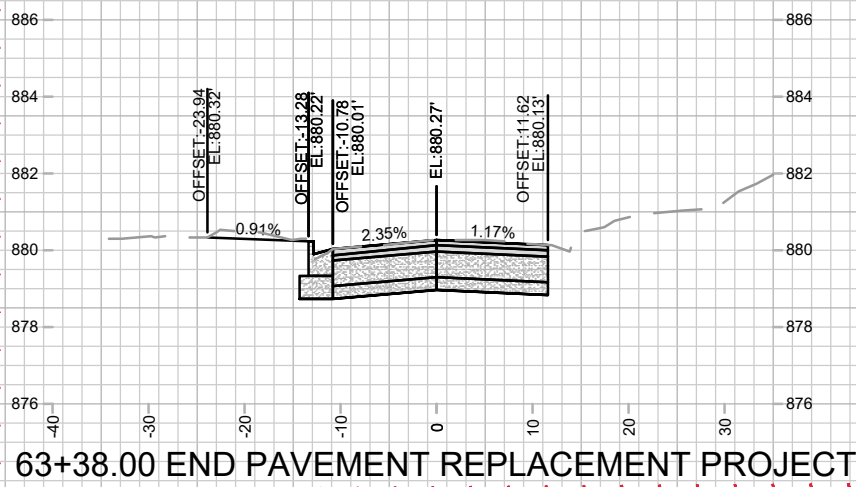
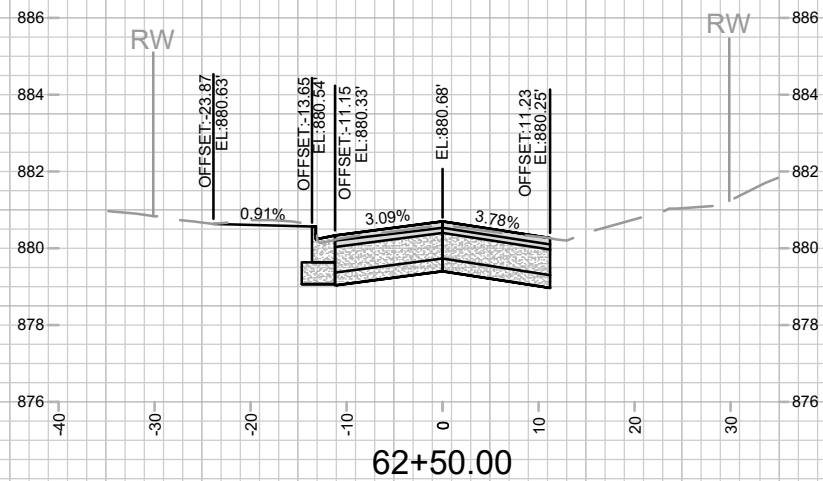
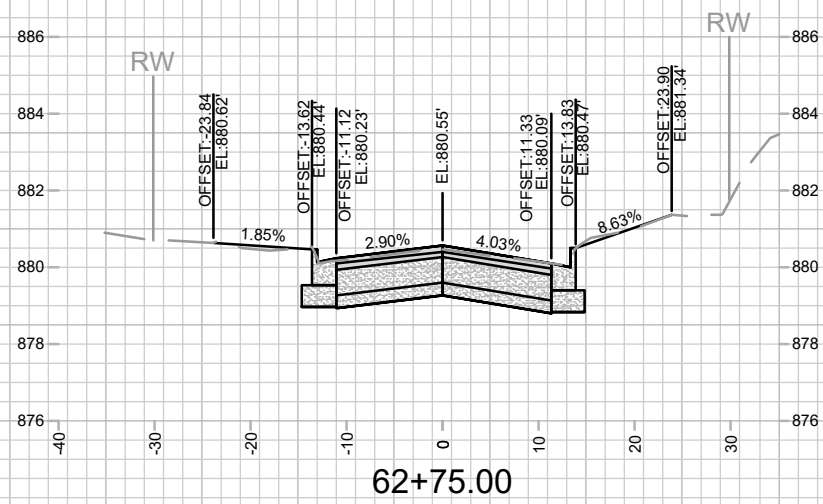
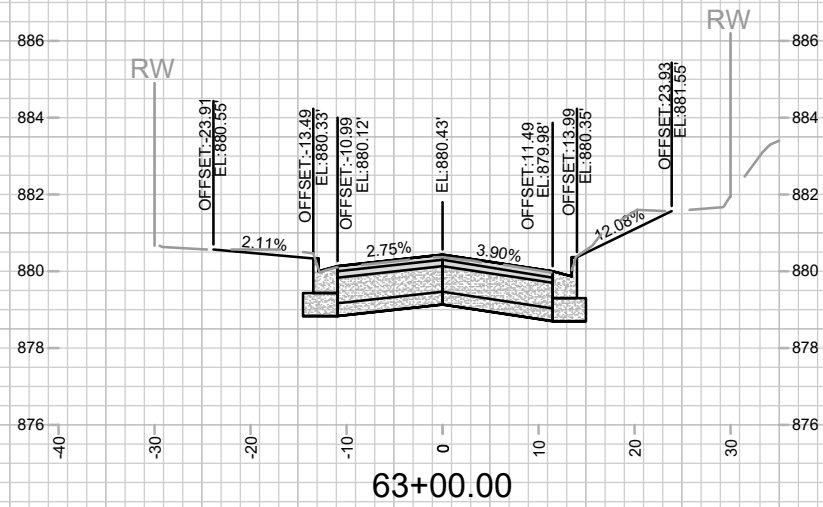
DATE	BY
5/15/2024	14764
REVISION	DATE
14764	5/15/2024

14764
MADISON, WI
8745
CONTRACT NO:

STEVENS STREET CROSS SECTIONS
STEVENS STREET ASSESSMENT DISTRICT - 2024
M:\DESIGN\Projects\14764\CAD\Streets\14764EN-XSections.dwg



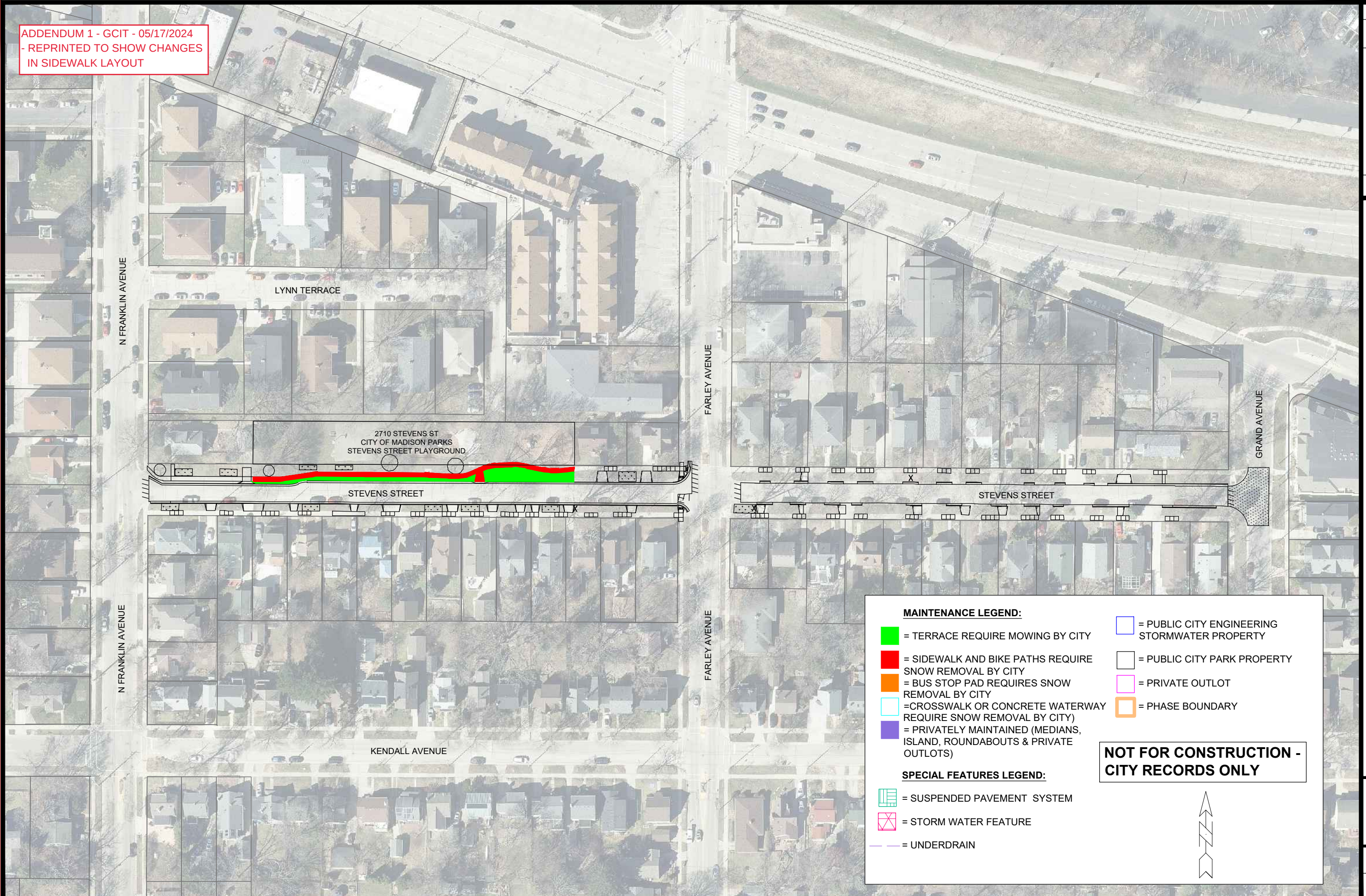
14764
X-6



ADDENDUM 1 - GCIT - 05/17/2024
- SHEET ADDED
- CROSS SECTION ADDED

	14764		14764		14764		
	STEVENS STREET CROSS SECTIONS		MADISON, WI		8745		
	STEVENS STREET ASSESSMENT DISTRICT - 2024		CONTRACT NO:		14764		
	M:\DESIGN\Projects\14764\CAD\Streets\14764EN-XSections.dwg		DATE		1" = 20'		
		DESIGNED BY: ##		DATE		BY	
		14764		5/20/2024 9:11 AM		X-7	

ADDENDUM 1 - GCIT - 05/17/2024
- REPRINTED TO SHOW CHANGES
IN SIDEWALK LAYOUT



MAINTENANCE LEGEND:

-  = TERRACE REQUIRE MOWING BY CITY
 -  = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
 -  = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
 -  = CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY)
 -  = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)
 -  = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
 -  = PUBLIC CITY PARK PROPERTY
 -  = PRIVATE OUTLOT
 -  = PHASE BOUNDARY

**NOT FOR CONSTRUCTION -
CITY RECORDS ONLY**

- SPECIAL FEATURES LEGEND:**
-  = SUSPENDED PAVEMENT SYSTEM
-  = STORM WATER FEATURE
-  = UNDERDRAIN



MAINTENANCE PLAN	14764
STEVENS STREET ASSESSMENT DISTRICT - 2024	MADISON, WI
\\MADISIGN\Projects\14764\CAD\Streets\14764EN-Maintenance.dwg	CONTRACT NO: 8745



14764
MN-1