



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

RUTLEDGE STREET ASSESSMENT DISTRICT - 2024

CITY PROJECT NO. 14076
CONTRACT NO. 8742

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PROJECT
LOCATION



EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY) = 3,050.00 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT = 1,150.00 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT = 4,200.00 C.Y.

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	

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 MAINTENANCE PLAN NOT REQUIRED

PUBLIC IMPROVEMENT PROJECT
APPROVED

MARCH 5, 2024

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

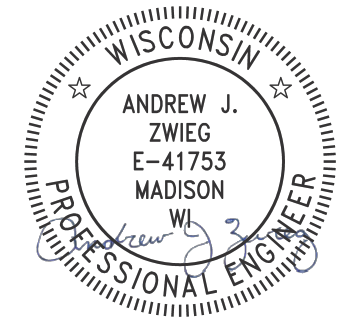
PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Jun 27, 2024

City Engineer

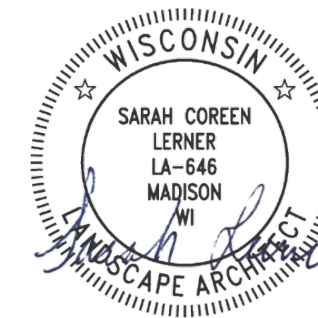
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STREET
DESIGNED BY:



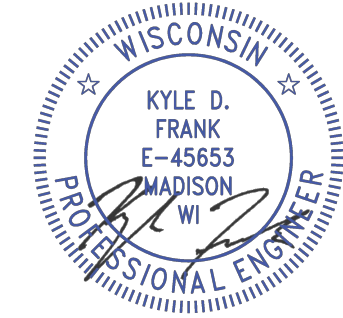
Jun 27, 2024

GREEN INFRASTRUCTURE
DESIGNED BY:



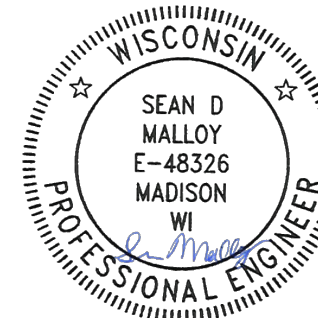
Jun 27, 2024

STORM & SANITARY SEWER
DESIGNED BY:



Jun 27, 2024

PAVEMENT MARKING
DESIGNED BY:

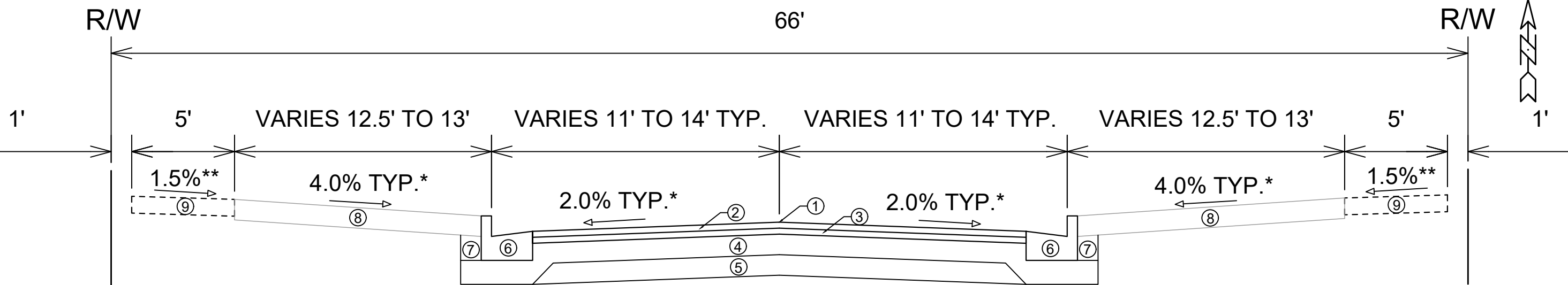


Jun 27, 2024

WATER
DESIGNED BY:



Jun 27, 2024

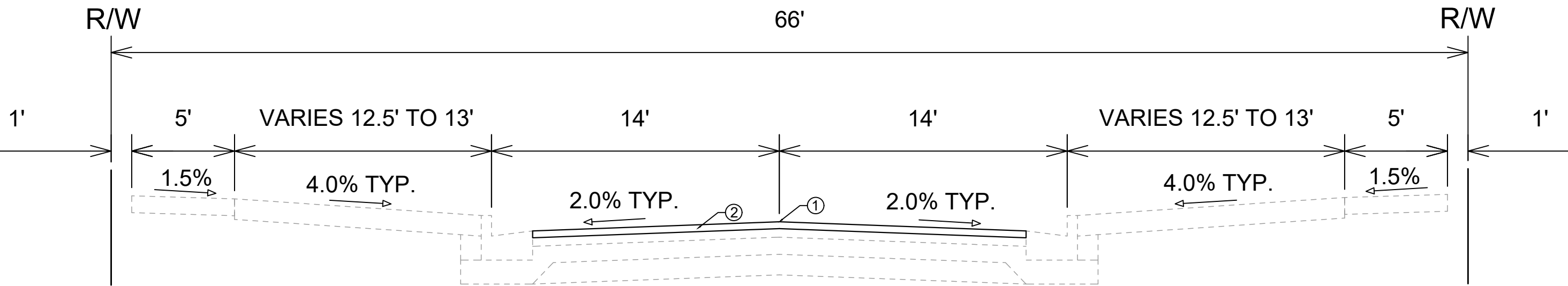


**TYPICAL SECTION
RUTLEDGE STREET
STA 10+42.11 TO STA 26+15.24**

SPECIAL NOTES:

*SEE P & X SHEETS FOR CROSS SLOPES
 **SEE P SHEETS FOR LOCATIONS FOR SIDEWALK SPOT REPLACEMENTS

- ① POINT REFERRED TO ON PROFILE
- ② 2" HMA PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.50" HMA PAVEMENT - TYPE 3 MT 58-28 S
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑤ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑥ TYPE "A" CONCRETE CURB AND GUTTER
- ⑦ FILL INCIDENTAL TO CURB & GUTTER INSTALLATION
- ⑧ RESTORED DISTURBED AREAS WITH 6" TOPSOIL, SEED AND MATTING
- ⑨ 5" CONCRETE SIDEWALK SPOT REPLACEMENT AS NEEDED



**TYPICAL SECTION
DIVISION STREET
STA 90+10.27 TO 92+06.15**

- ① POINT REFERRED TO ON PROFILE
- ② 2" HMA PAVEMENT TYPE 4 LT 58-28 S

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REVISION	
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 MADISON, WI
 8742
 CONTRACT NO:

TYPICAL SECTIONS
 RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
 D-1



Notes:

1. COLOR
 BACKGROUND = ORANGE
 MESSAGE = BLACK
 BORDER = BLACK
2. LETTERING SERIES = C
3. MINIMUM SIGN REFLECTIVITY = HIGH INTENSITY PRISMATIC GRADE
4. SIGN MATERIAL MAY BE PLASTIC OR METAL
5. CONTRACTOR SHALL MAINTAIN SIGNS FOR DURATION OF PROJECT ATTACHED TO TYPE III BARRICADE

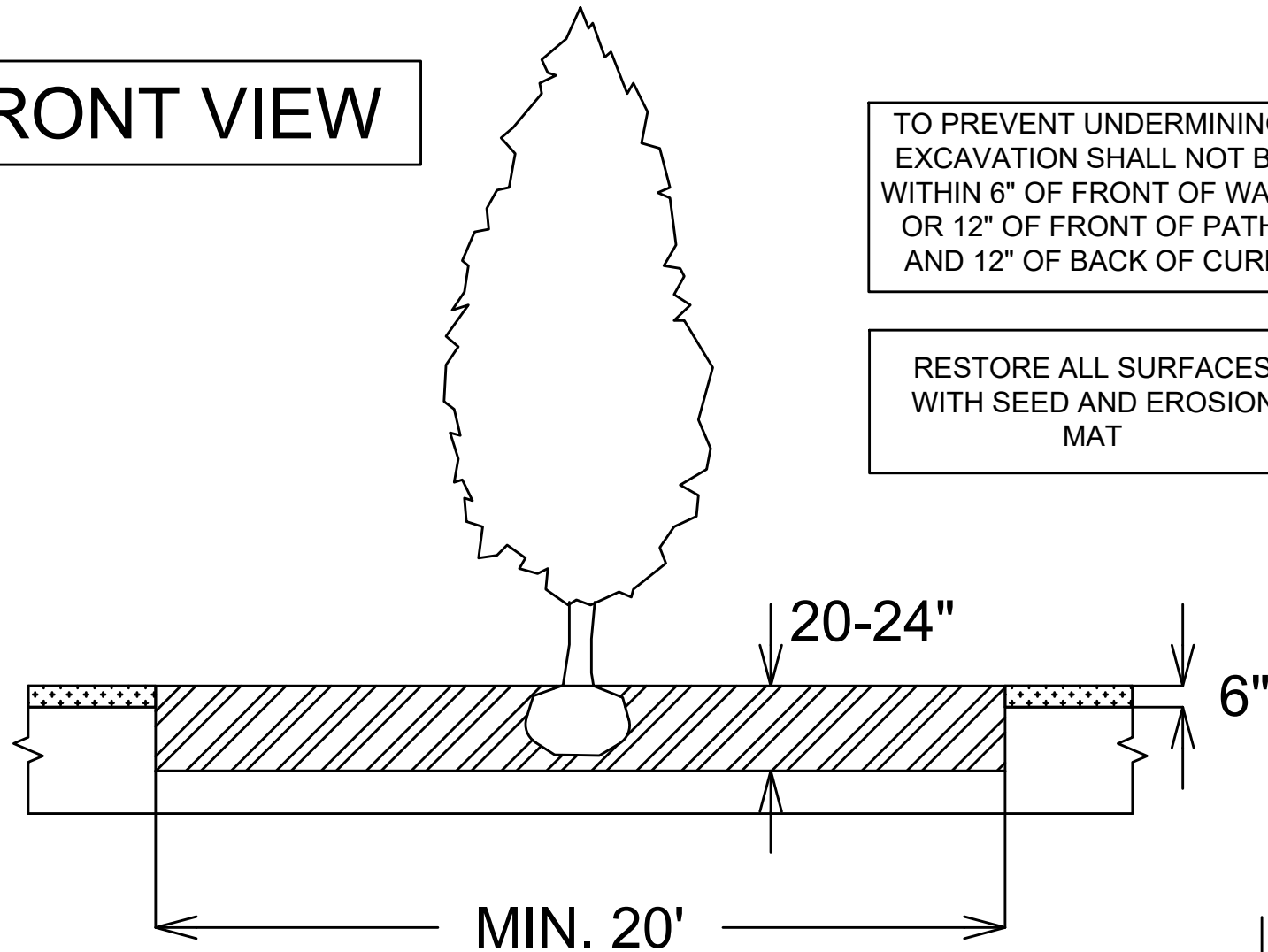


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SIGN DETAIL	RUTLEDGE STREET ASSESSMENT DISTRICT - 2024 <small>M:\DESIGN\Projects\14076\CAD\Traffic_Orange Project Construction Sign.dwg</small>									
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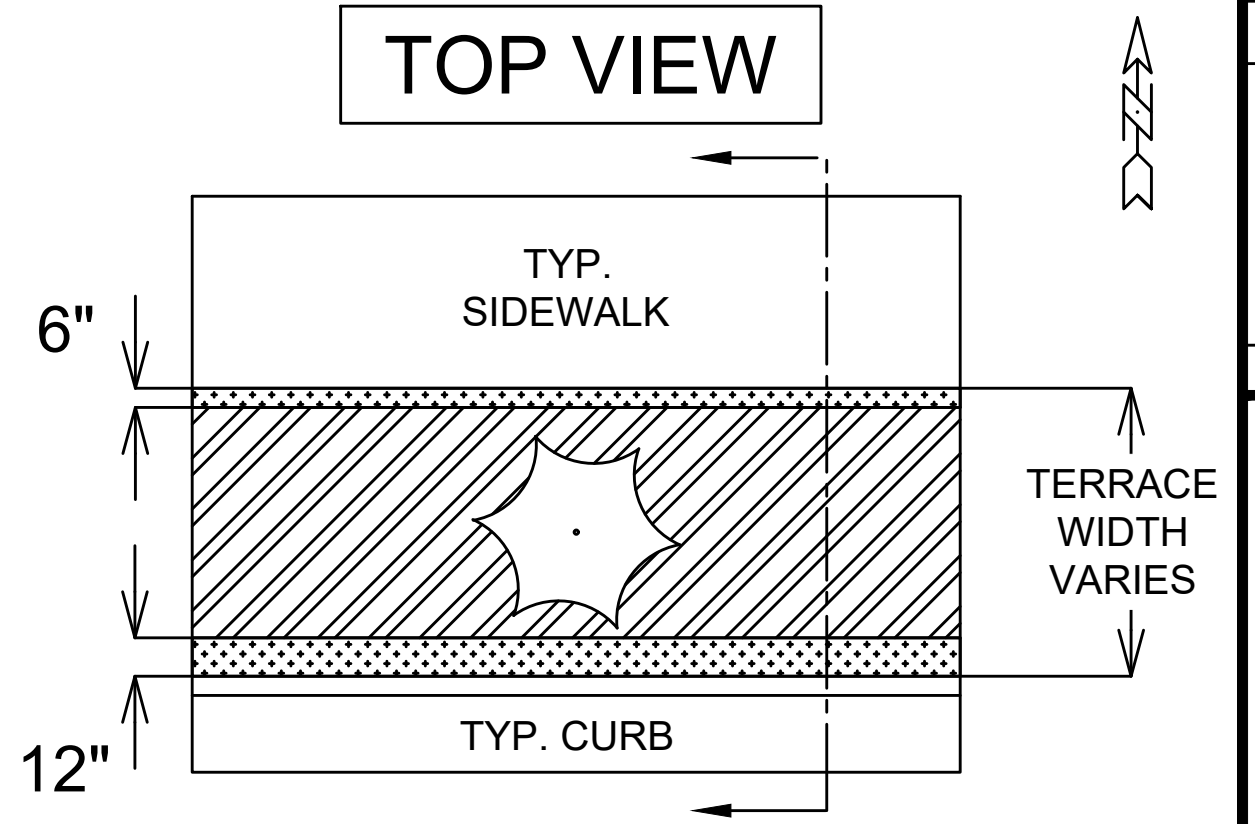
TERRACE EXCAVATION FOR TREE PLANTING:

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.



FRONT VIEW



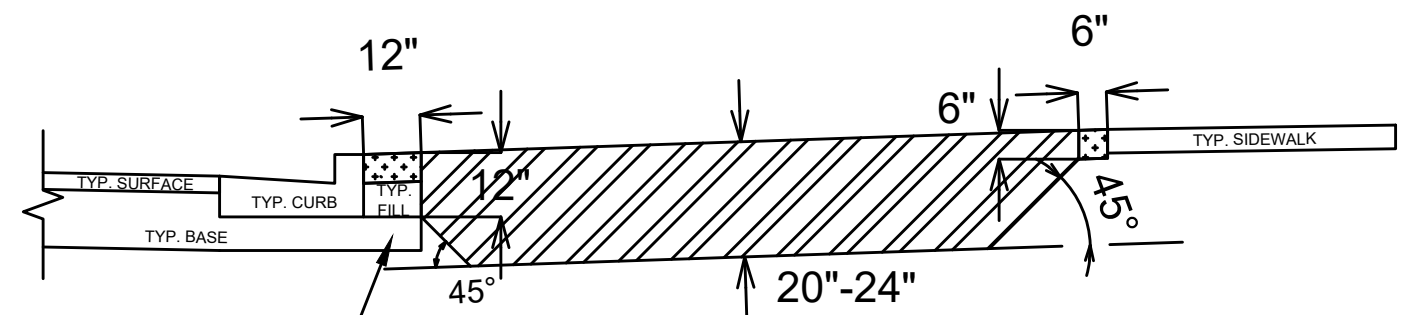
TOP VIEW



LEGEND

-  AREA TO BE EXCAVATED 20-24" DEEP AND BACKFILLED WITH TOPSOIL
-  AREA TO BE 6" TOPSOIL

SECTION VIEW



12" BASE EXTENSION BEHIND CURB

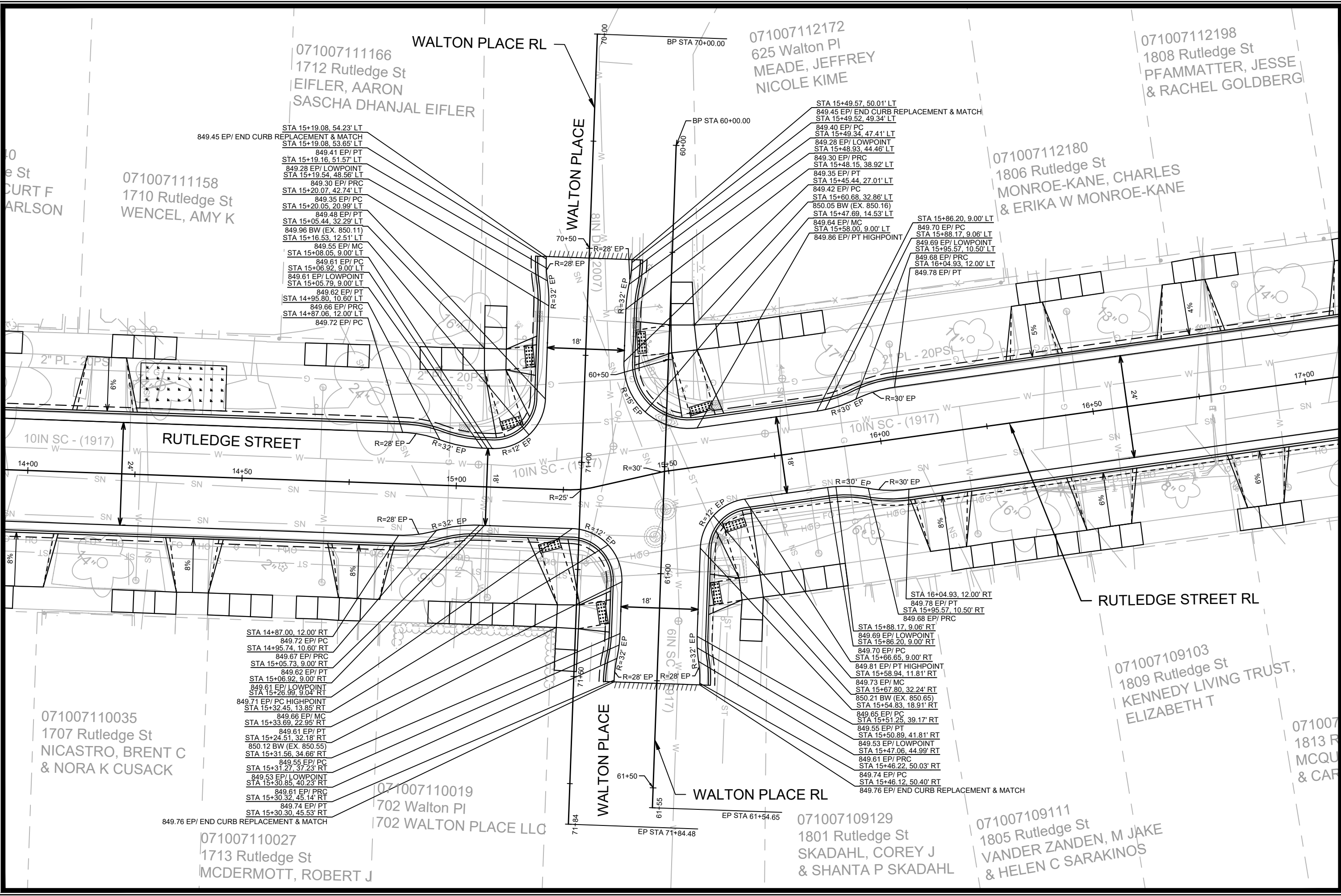
SPECIAL NOTES:

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

DATE	BY
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MADISON, WI
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
CONTRACT NO.: 8742
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071007111166
1712 Rutledge St
EIFLER, AARON
SASCHA DHANJAL EIFLER

071007111158
1710 Rutledge St
WENCEL, AMY K

071007112172
625 Walton Pl
MEADE, JEFFREY
NICOLE KIME

071007112198
1808 Rutledge St
PFAMMATTER, JESSE
& RACHEL GOLDBERG

071007112180
1806 Rutledge St
MONROE-KANE, CHARLES
& ERIKA W MONROE-KANE

071007110035
1707 Rutledge St
NICASTRO, BRENT C
& NORA K CUSACK

STA 14+87.00, 12.00' RT
849.72 EP/PC
STA 14+95.74, 10.60' RT
849.67 EP/PRC
STA 15+05.73, 9.00' RT
849.62 EP/PT
STA 15+06.92, 9.00' RT
849.61 EP/LOWPOINT
STA 15+26.99, 9.04' RT
849.71 EP/PC HIGHPOINT
STA 15+32.45, 13.85' RT
849.66 EP/MC
STA 15+33.69, 22.95' RT
849.61 EP/PT
STA 15+24.51, 32.18' RT
850.12 BW (EX. 850.55)
STA 15+31.56, 34.66' RT
849.55 EP/PC
STA 15+31.27, 37.23' RT
849.53 EP/LOWPOINT
STA 15+30.85, 40.23' RT
849.61 EP/PRC
STA 15+30.32, 45.14' RT
849.74 EP/PT
STA 15+30.30, 45.53' RT
849.76 EP/END CURB REPLACEMENT & MATCH

071007110019
702 Walton Pl
702 WALTON PLACE LLC

071007110027
1713 Rutledge St
MCDERMOTT, ROBERT J

071007109129
1801 Rutledge St
SKADAHN, COREY J
& SHANTA P SKADAHN

071007109111
1805 Rutledge St
VANDER ZANDEN, M JAKE
& HELEN C SARAKINOS

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8742
CONTRACT NO:

INTERSECTION GRADES
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
D-4



- NOTES:**
1. SANITARY SEWER ACCESS STRUCTURE ADJUSTMENTS WILL BE PAID FOR UNDER BID ITEM 40362
 2. ADJUST STRUCTURES SHALL BE PERFORMED TO LOWER CASTING TO SURROUNDING GRADE
 3. ALL ADJUSTMENTS AND PAVEMENT PATCHING SHALL BE PERFORMED PRIOR TO THE RUTLEDGE WORK TO ALLOW FOR YAHARA PL TO BE USED AS ALTERNATE TRAFFIC ROUTE DURING RUTLEDGE PROJECT

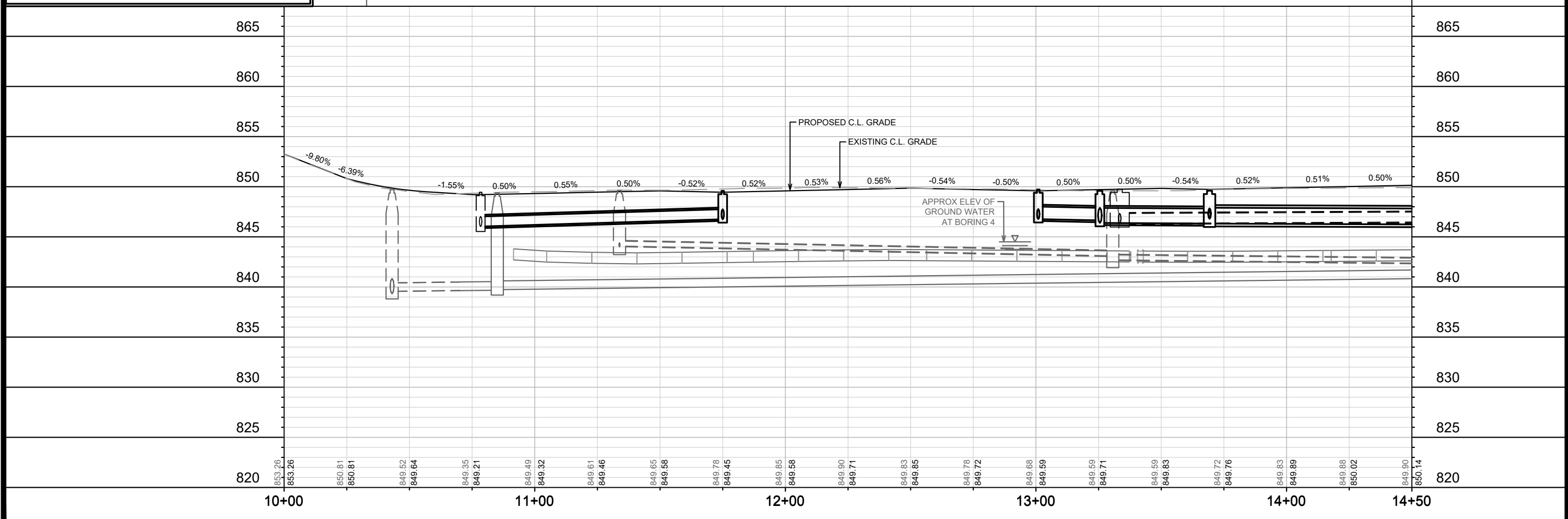
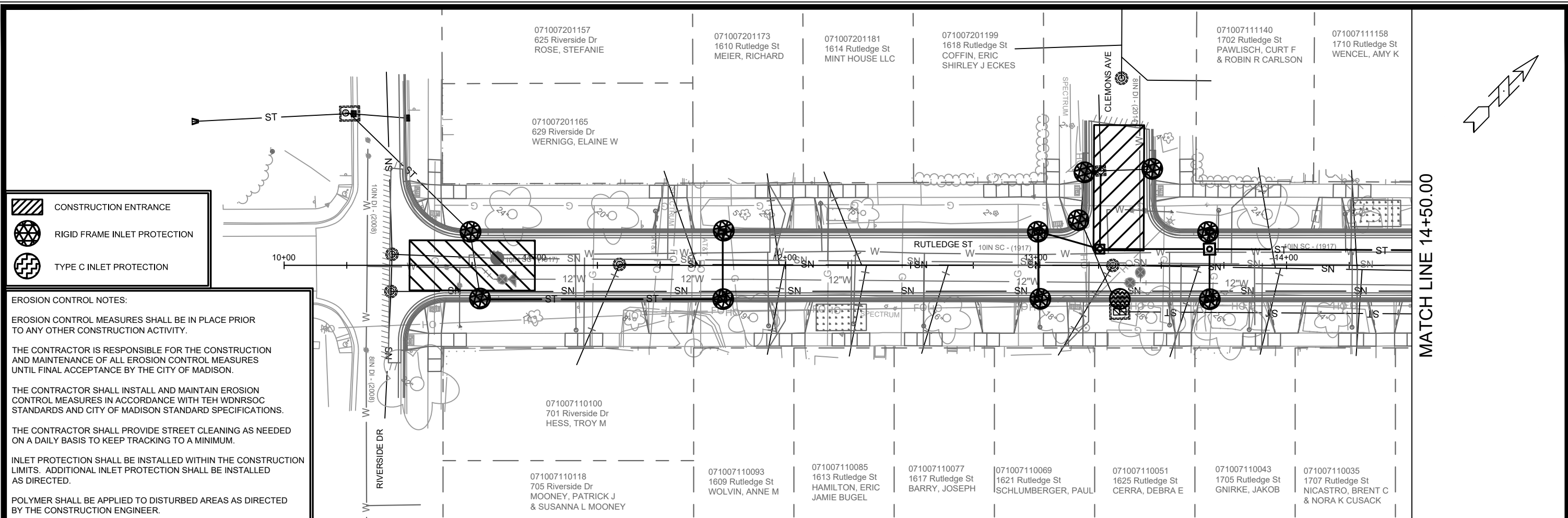
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MADISON, WI
8742

YAHARA PL SANITARY
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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CONTRACT NO: 8742



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14076
 MADISON, WI
 CONTRACT NO: 8742





RUTLEDGE STREET EROSION CONTROL PLAN
 RUTLEDGE STREET ASSESSMENT DISTRICT - 2024

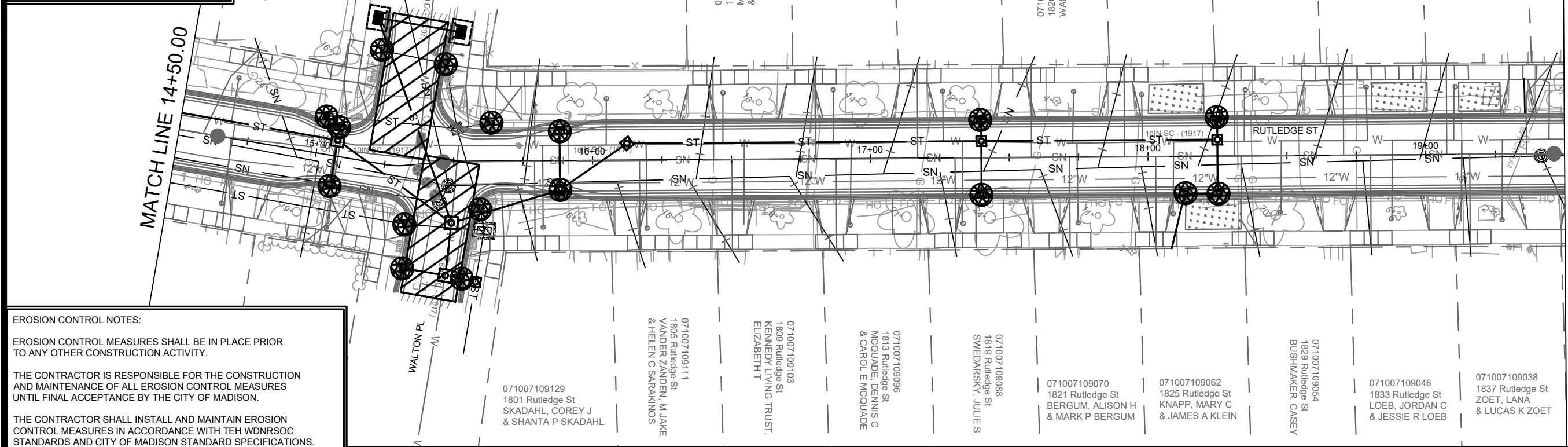
City of Madison Wisconsin logo

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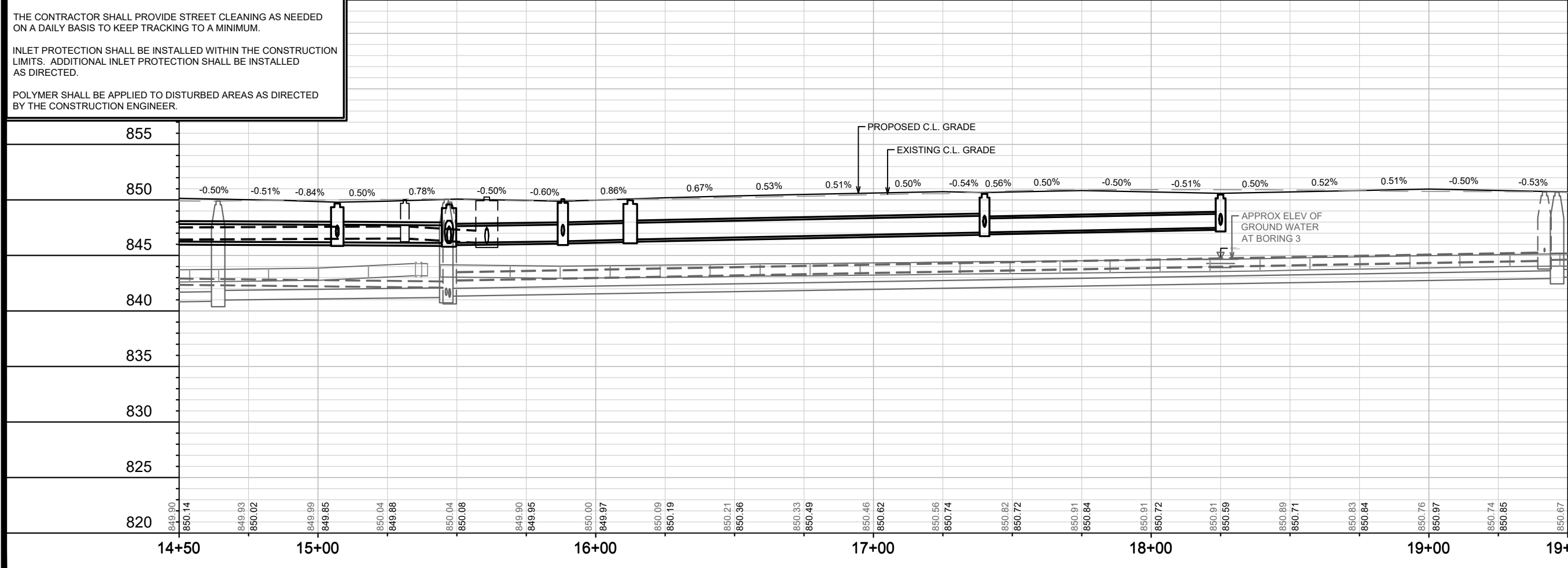
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 CONSTRUCTION ENTRANCE
 RIGID FRAME INLET PROTECTION
 TYPE C INLET PROTECTION
 SILT SOCK (8 INCH)

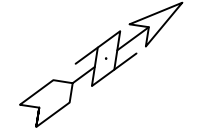


EROSION CONTROL NOTES:
 EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.
 THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
 THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION 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.



MATCH LINE 19+50.00

MATCH LINE 14+50.00






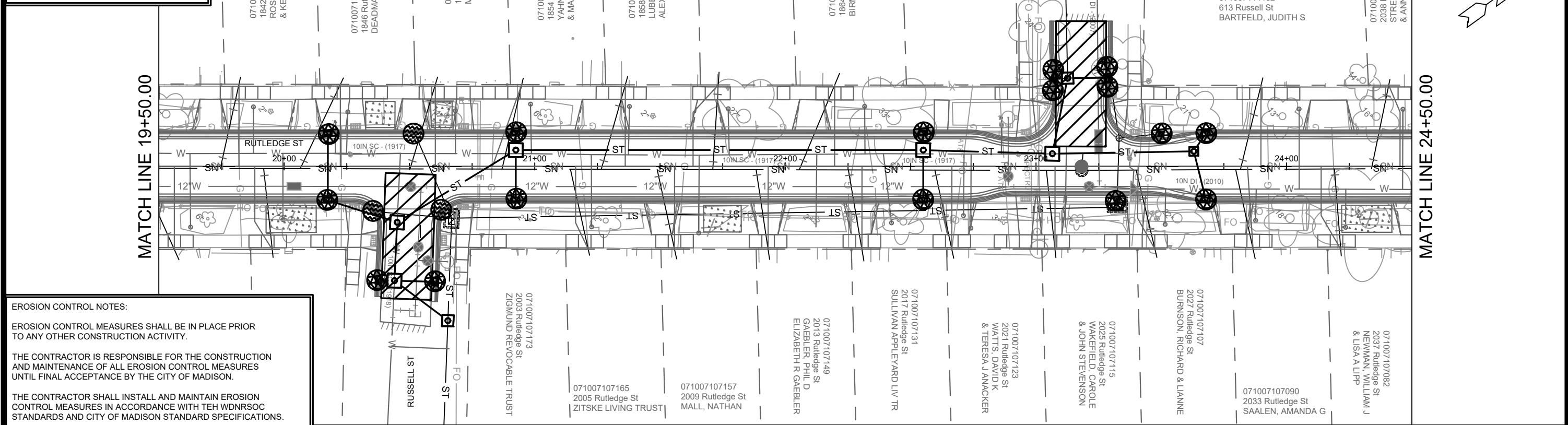
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 MADISON, WI
 CONTRACT NO: 8742
 RUTLEDGE STREET EROSION CONTROL PLAN
 RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
 EC-2

 CONSTRUCTION ENTRANCE
 RIGID FRAME INLET PROTECTION
 TYPE C INLET PROTECTION



EROSION CONTROL NOTES:

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

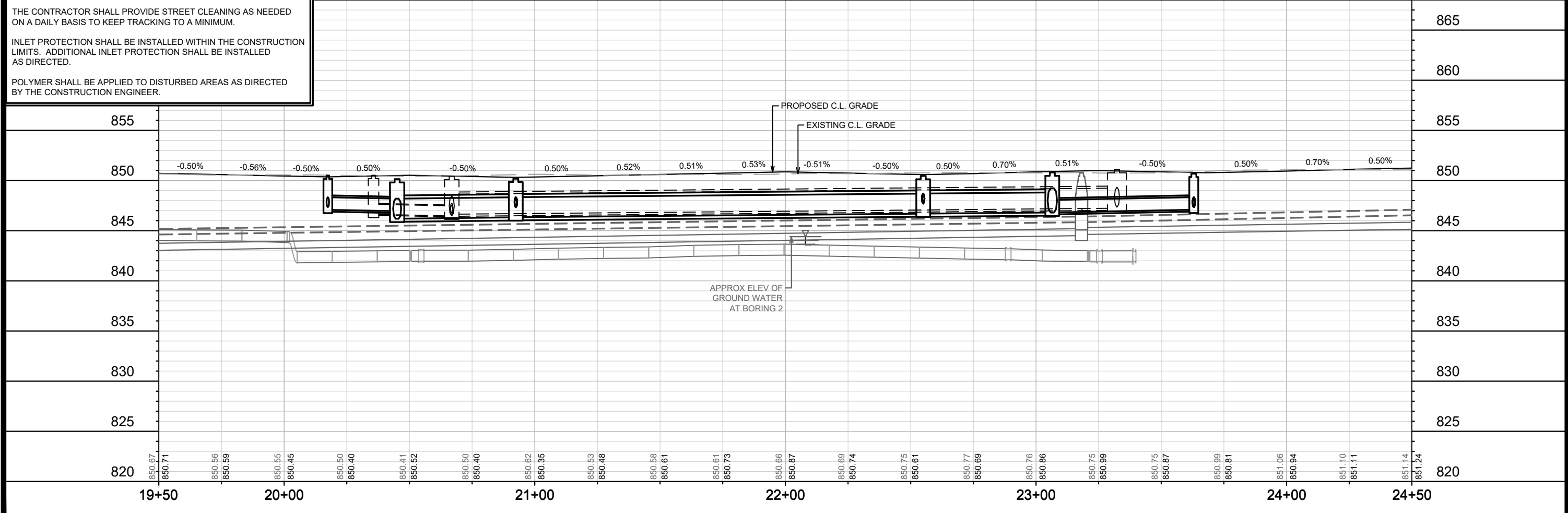
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THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH TEH WDRSQC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.




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

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14076	14076	8742	EC-3
RUTLEDGE STREET EROSION CONTROL PLAN		CONTRACT NO:	
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024		MADISON, WI	
		14076 EC-3	

-  CONSTRUCTION ENTRANCE
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION

EROSION CONTROL NOTES:

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

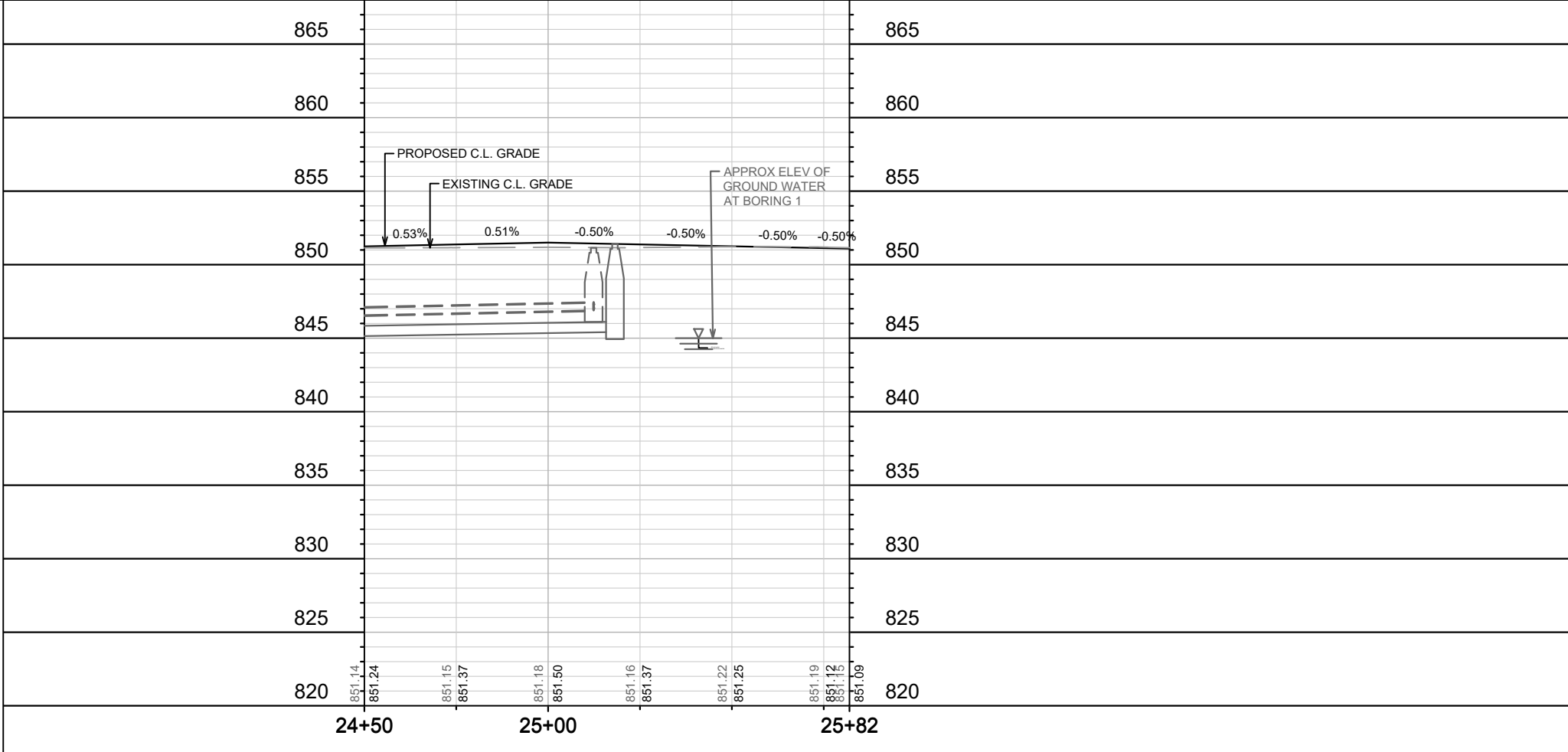
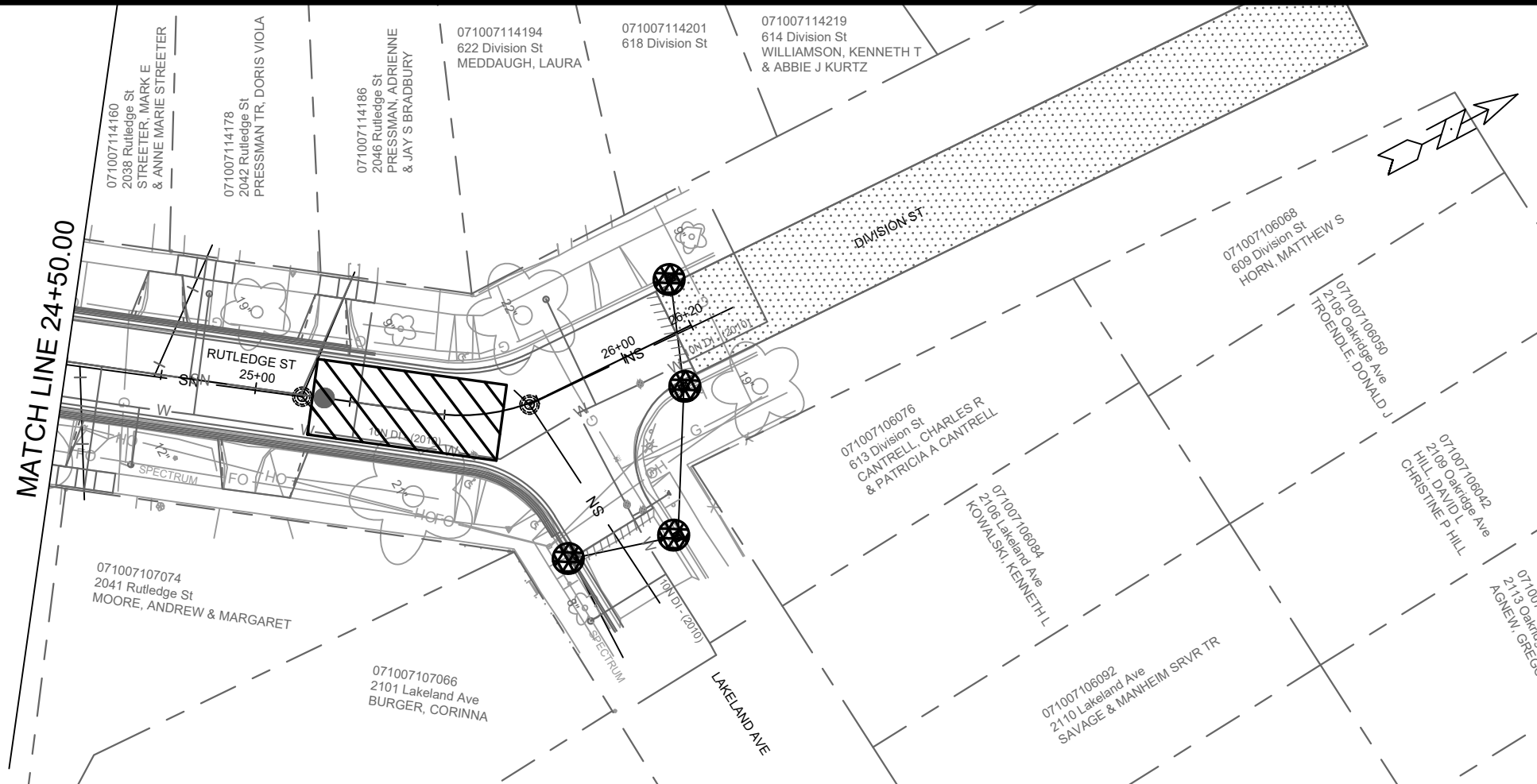
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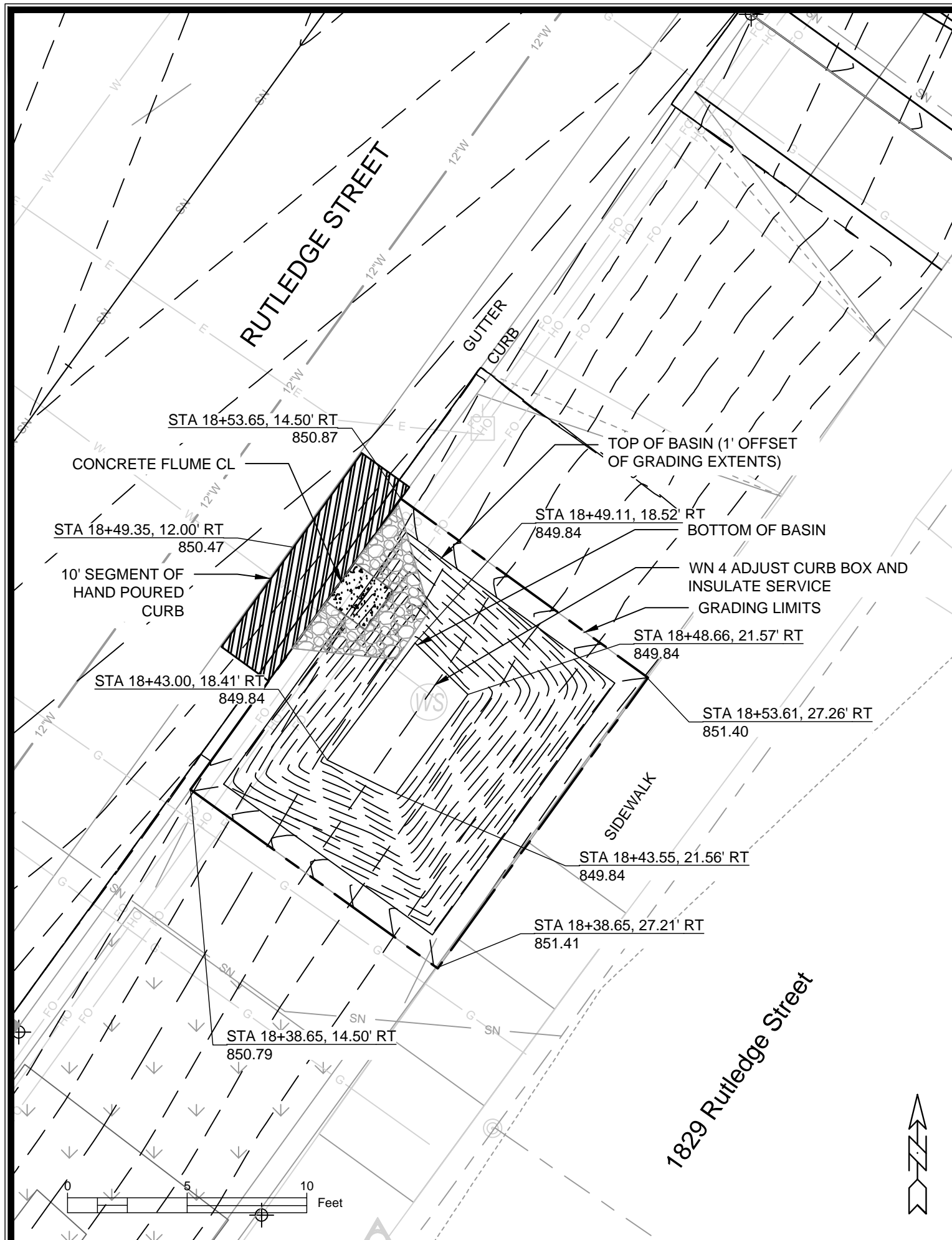
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8742
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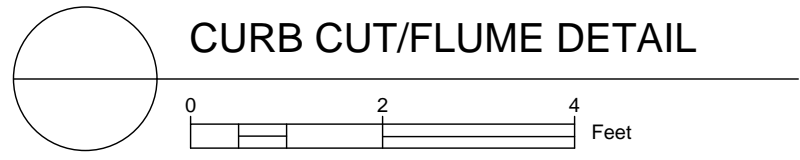
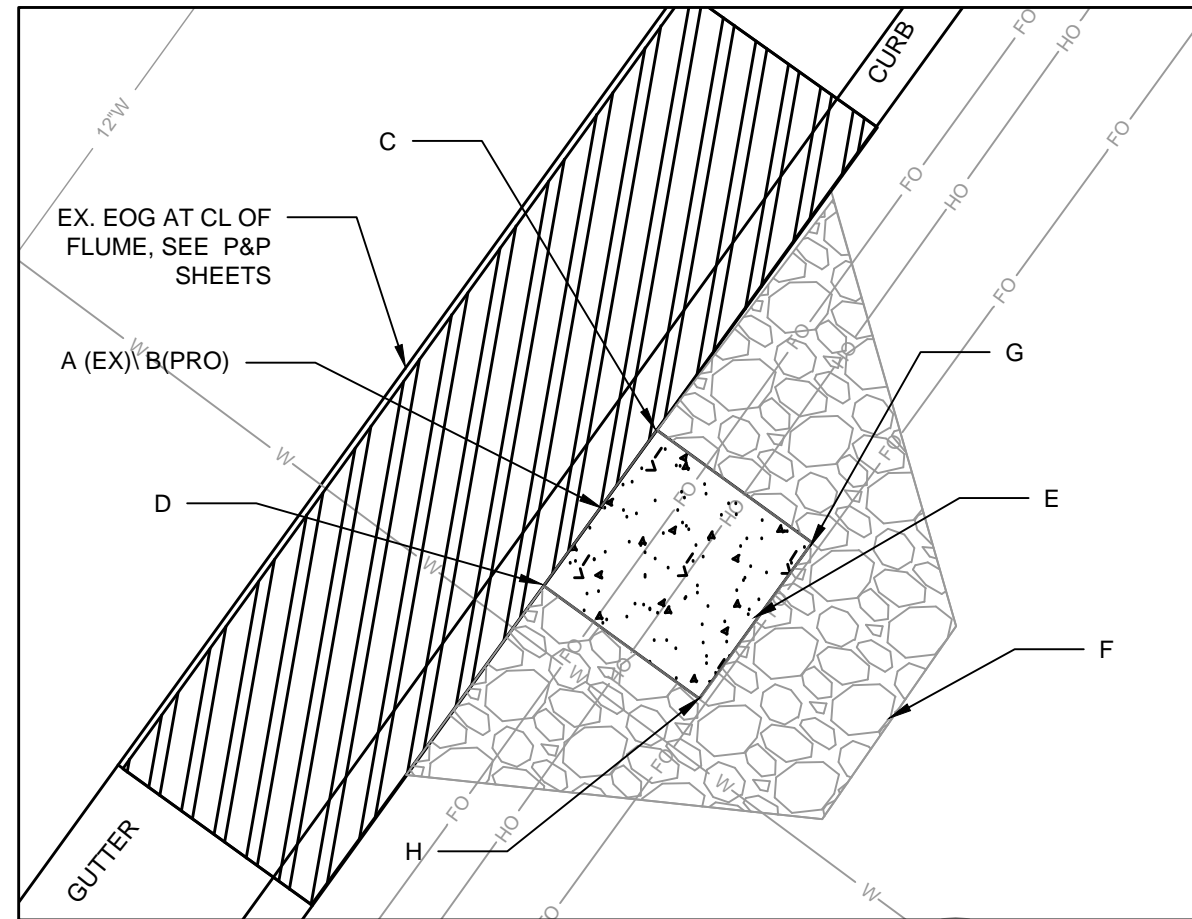
RUTLEDGE STREET EROSION CONTROL PLAN
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024



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EC-4



Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
	Ex. EOG at CL of Flume	+0.125	850.47
A	Standard Gutter Flow Line at CL of Flume	0	850.35
B	Pro. Gutter Flow Line at CL of Flume Meeting Curb	-.17'(2")	850.18
C	Edge of Flume @ Gutter (Uphill)	varies	850.36
D	Edge of Flume @ Gutter (Downhill)	varies	850.29
E	Bottom of Flume at CL	-.33'(4")	850.01
F	Bottom of Stone/Pond	-.5'(6")	849.84
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	850.28
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	850.21



- NOTES:**
- ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS.
 - ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX. DO NOT SEED WITH TERRACE SEED MIX WITHIN SIDE SLOPES OR BOTTOM OF BASIN.

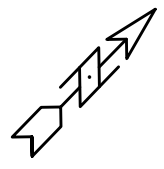
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14076 MADISON, WI 8742 CONTRACT NO.: 14076

GREEN INFRASTRUCTURE - 1829 RUTLEDGE
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024

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G11

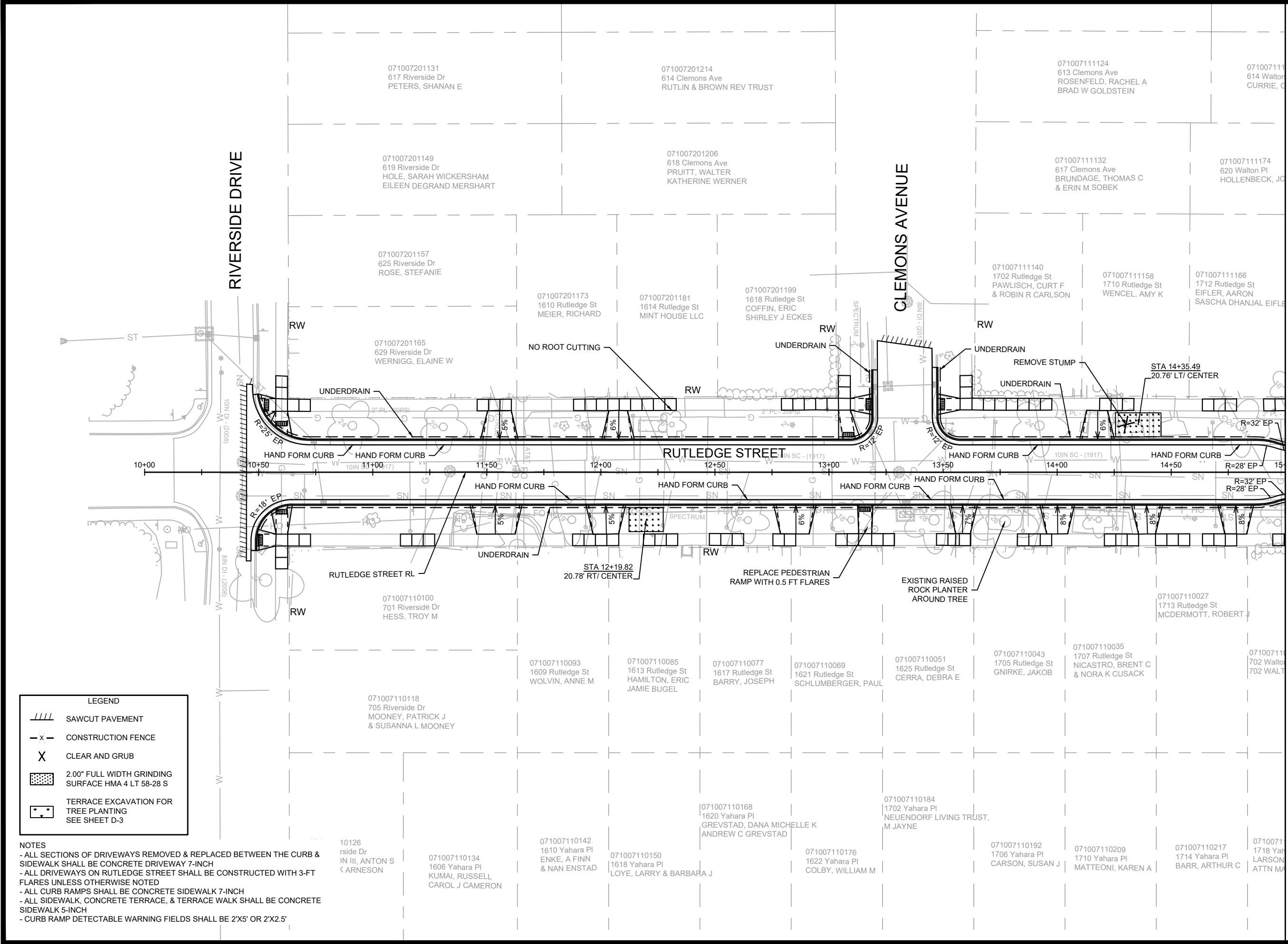


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Contract No: 8742			PD-1

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MADISON, WI
8742
CONTRACT NO:
STREET PLAN DETAILS - RUTLEDGE STREET
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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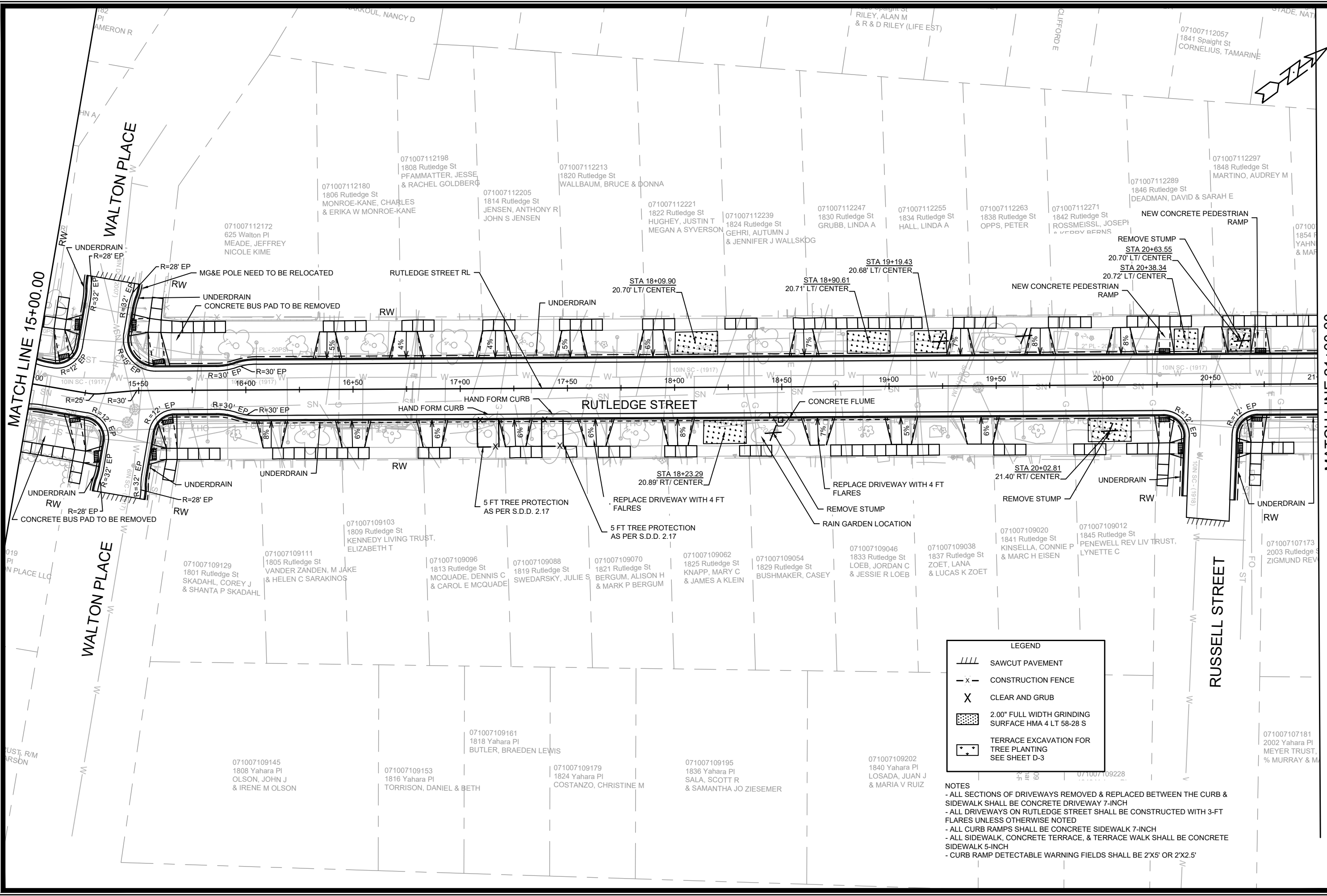
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LEGEND

	SAWCUT PAVEMENT
	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-3

NOTES

- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED BETWEEN THE CURB & SIDEWALK SHALL BE CONCRETE DRIVEWAY 7-INCH
- ALL DRIVEWAYS ON RUTLEDGE STREET SHALL BE CONSTRUCTED WITH 3-FT FLARES UNLESS OTHERWISE NOTED
- ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
- ALL SIDEWALK, CONCRETE TERRACE, & TERRACE WALK SHALL BE CONCRETE SIDEWALK 5-INCH
- CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'



LEGEND

- SAWCUT PAVEMENT
- 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-3

- NOTES**
- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED BETWEEN THE CURB & SIDEWALK SHALL BE CONCRETE DRIVEWAY 7-INCH
 - ALL DRIVEWAYS ON RUTLEDGE STREET SHALL BE CONSTRUCTED WITH 3-FT FLARES UNLESS OTHERWISE NOTED
 - ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
 - ALL SIDEWALK, CONCRETE TERRACE, & TERRACE WALK SHALL BE CONCRETE SIDEWALK 5-INCH
 - CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'

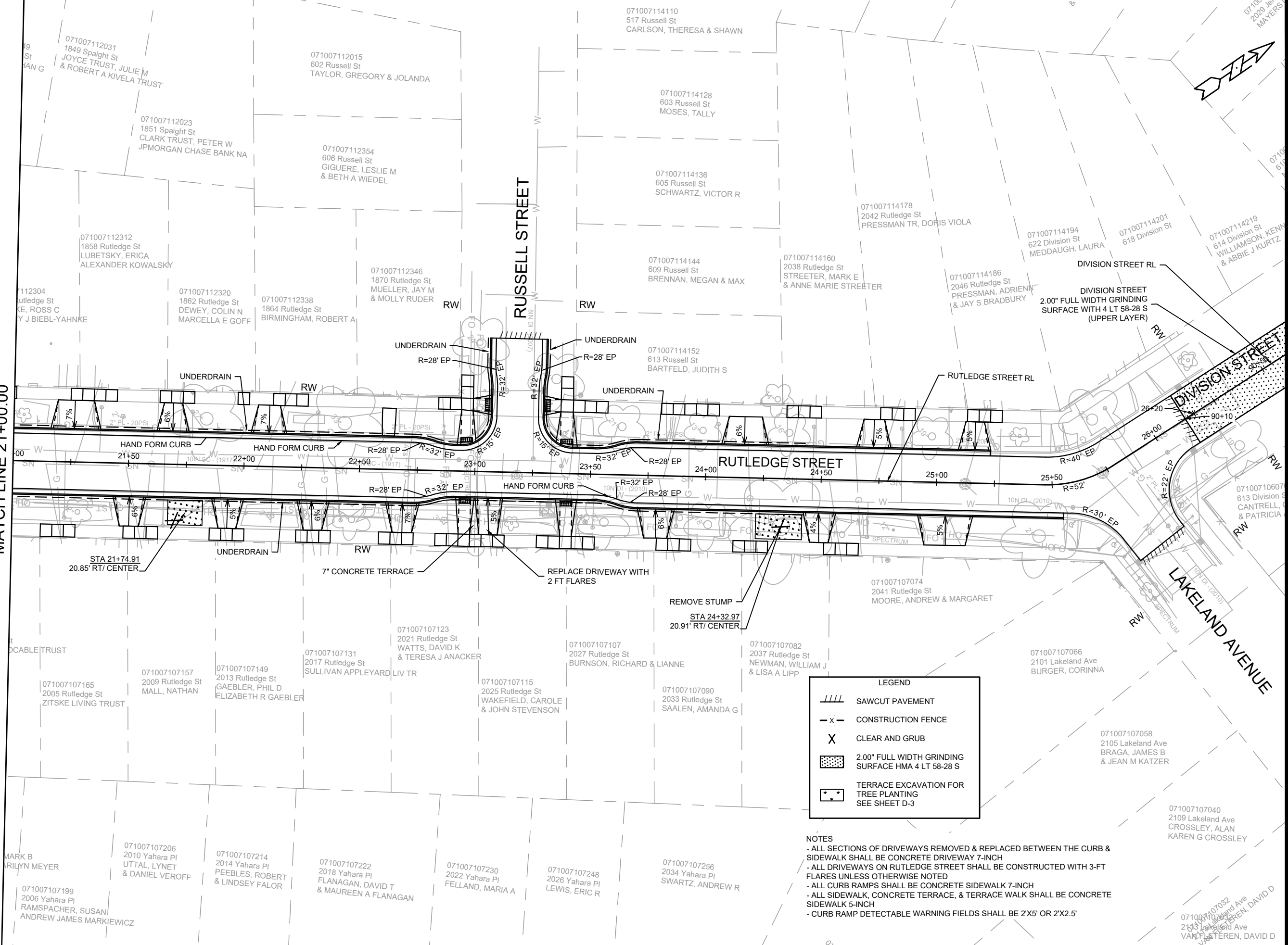
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MADISON, WI
8742
CONTRACT NO:

STREET PLAN DETAILS - RUTLEDGE STREET
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
PD-2

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LEGEND

- SAWCUT PAVEMENT
- 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-3

NOTES

- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED BETWEEN THE CURB & SIDEWALK SHALL BE CONCRETE DRIVEWAY 7-INCH
- ALL DRIVEWAYS ON RUTLEDGE STREET SHALL BE CONSTRUCTED WITH 3-FT FLARES UNLESS OTHERWISE NOTED
- ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
- ALL SIDEWALK, CONCRETE TERRACE, & TERRACE WALK SHALL BE CONCRETE SIDEWALK 5-INCH
- CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'

REVISION	DATE	BY

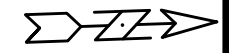
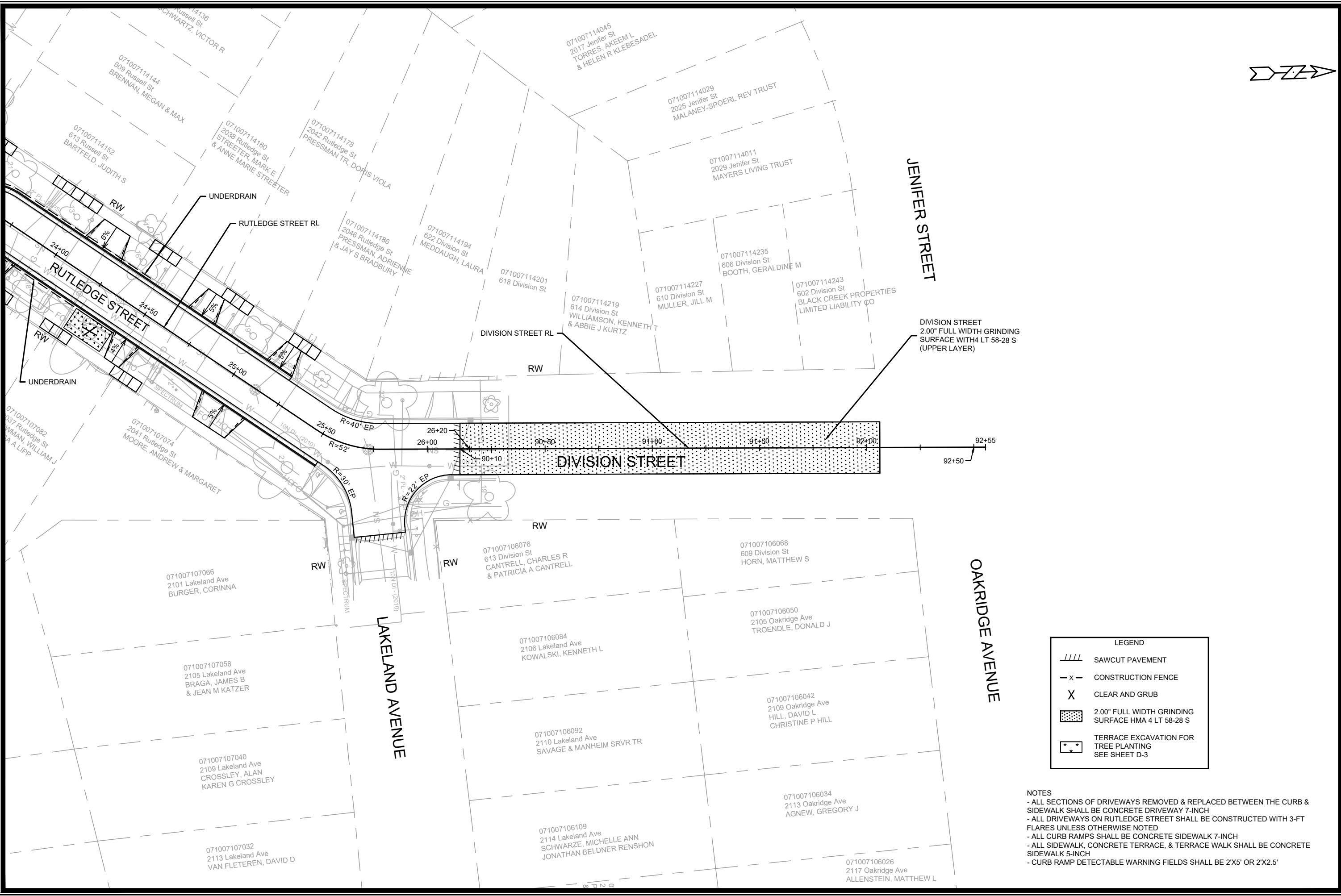
14076
MADISON, WI
8742

CONTRACT NO:

STREET PLAN DETAILS - RUTLEDGE STREET
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
PD-3



LEGEND	
	SAWCUT PAVEMENT
	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-3

- NOTES**
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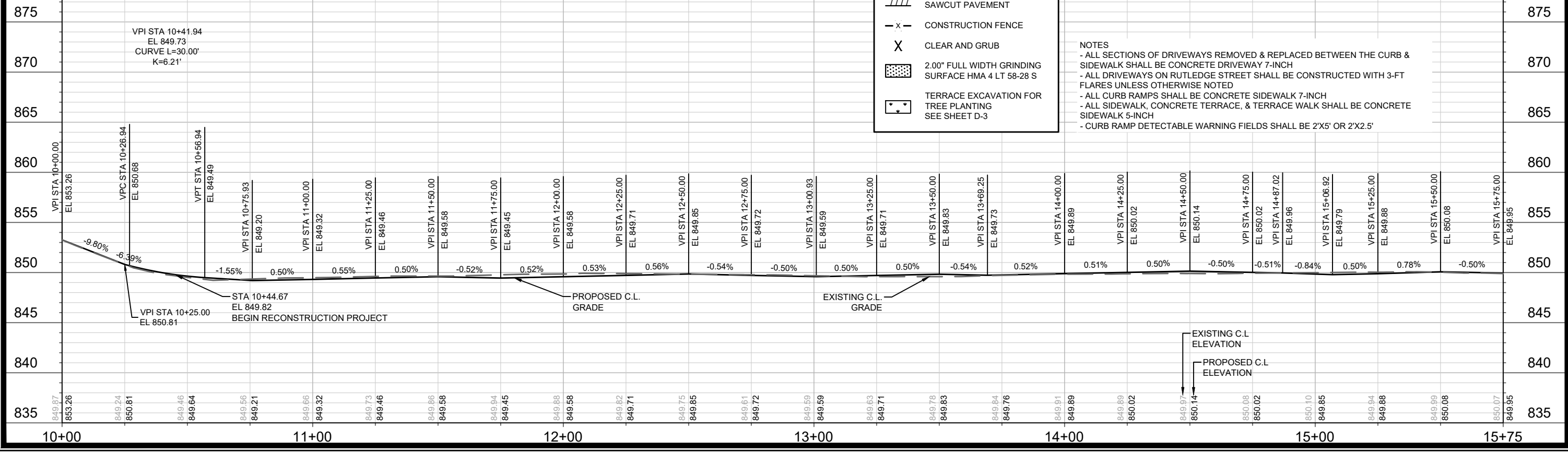
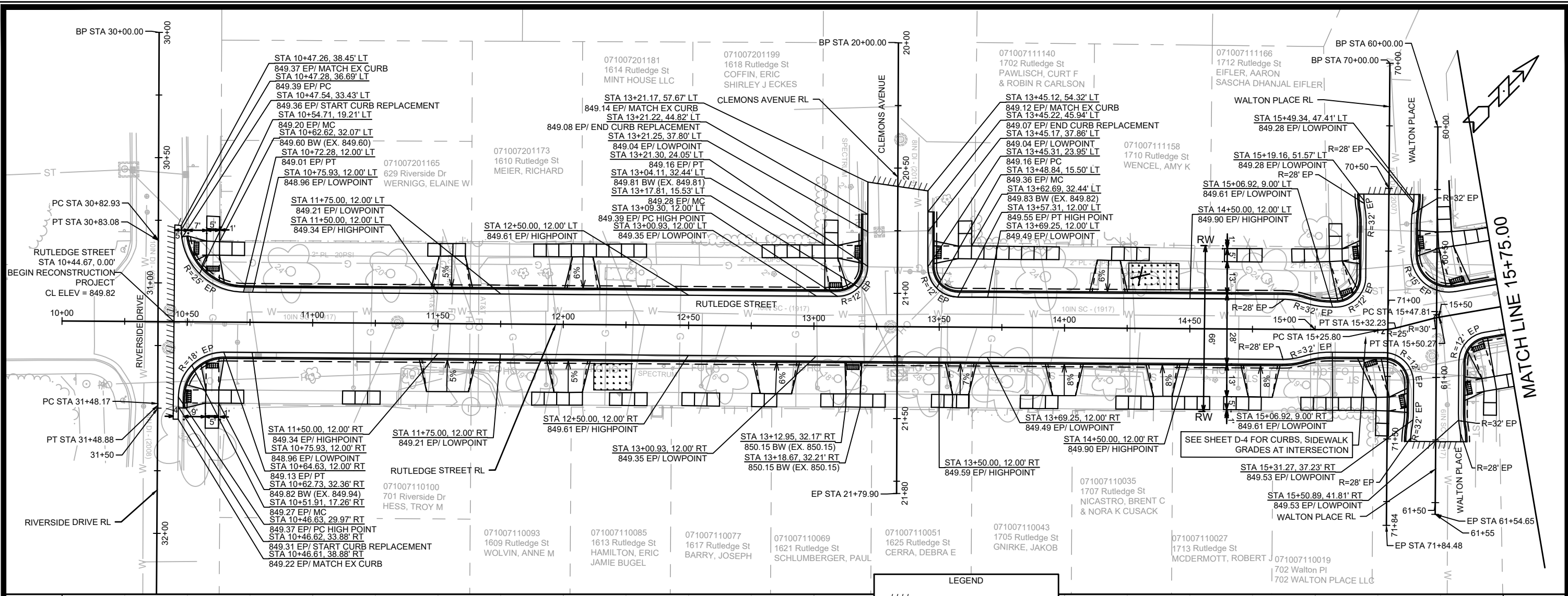
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14076	14076	07/17/2024	NGV

14076
MADISON, WI
CONTRACT NO.: 8742

STREET PLAN DETAILS - DIVISION STREET
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
PD-4



LEGEND

- SAWCUT PAVEMENT
- 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-3

NOTES

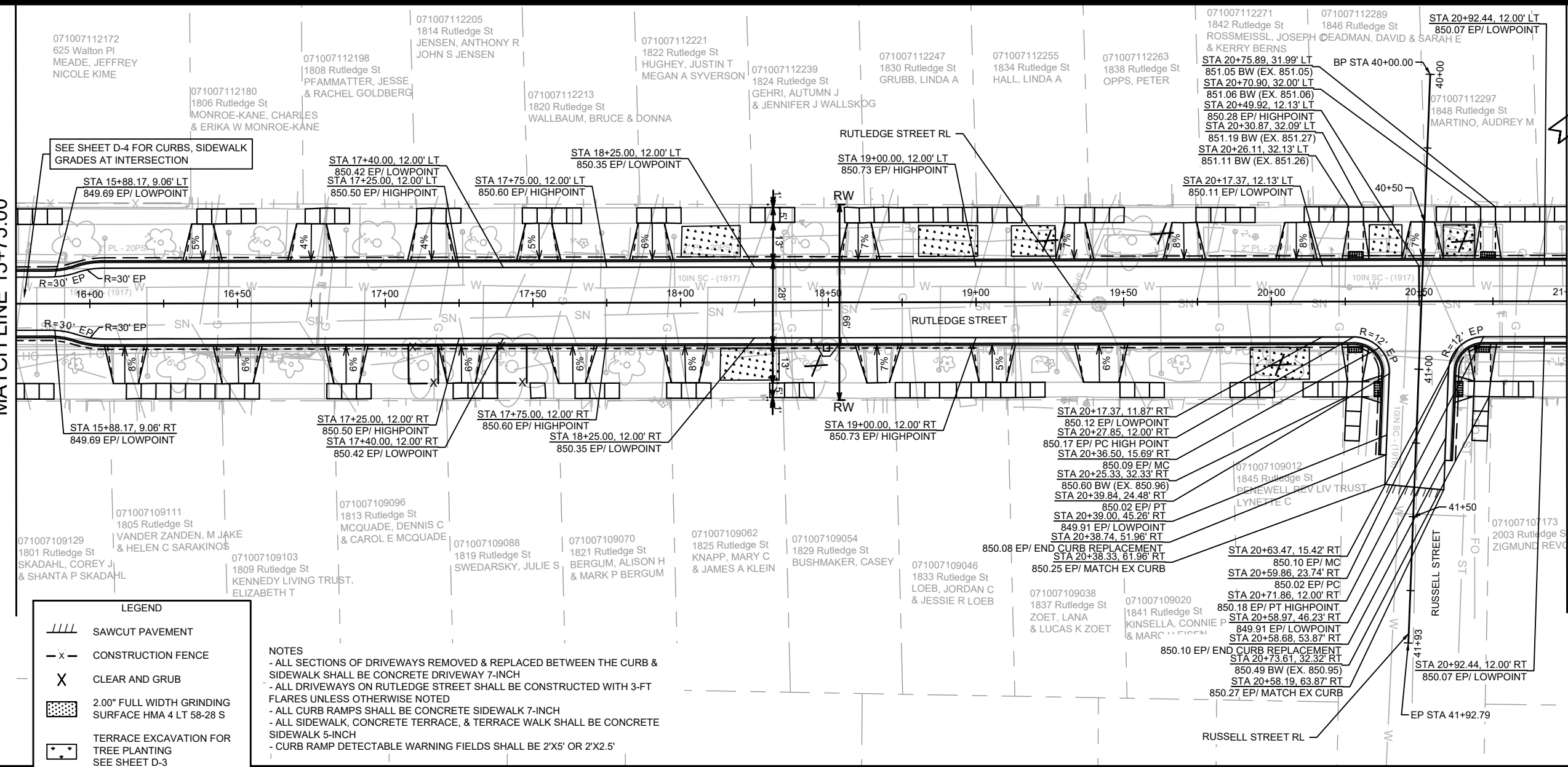
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14076	MADISON, WI	8742	CONTRACT NO:
STREET PLAN & PROFILES - RUTLEDGE STREET			
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024			
14076			
P-1			

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MATCH LINE 15+75.00

MATCH LINE 21+00.00

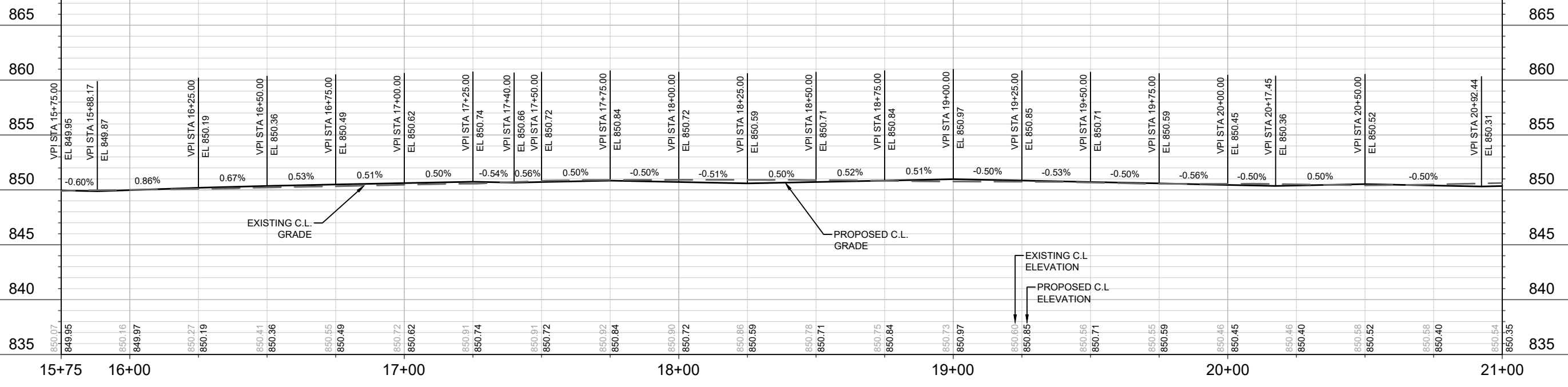


LEGEND

- SAWCUT PAVEMENT
- 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-3

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REVISION	
MARK	
Designed By: NGV	Date: 6/14/2024 11:56 PM
14076	P-2

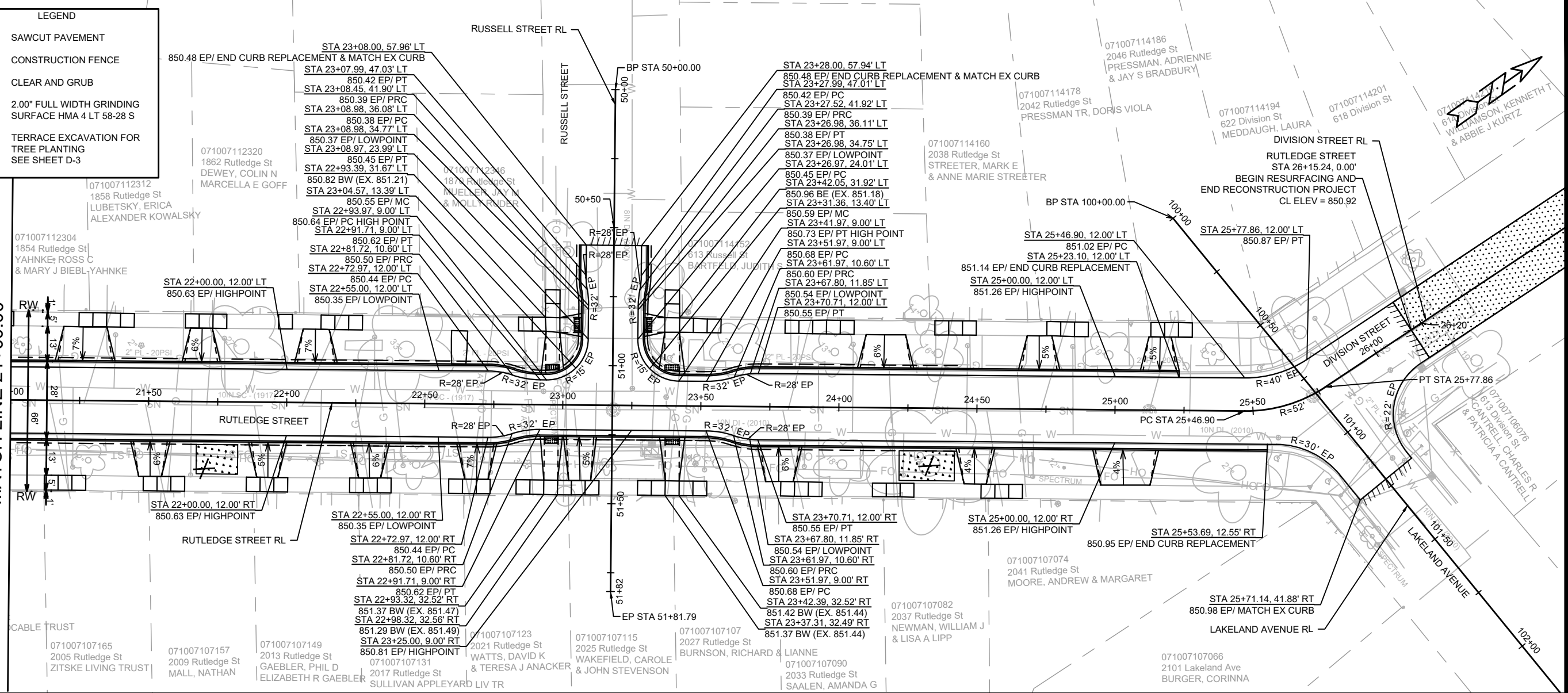
14076
MADISON, WI
CONTRACT NO: 8742

STREET PLAN & PROFILES - RUTLEDGE STREET
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
P-2

LEGEND	
	SAWCUT PAVEMENT
	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-3

MATCH LINE 21+00.00

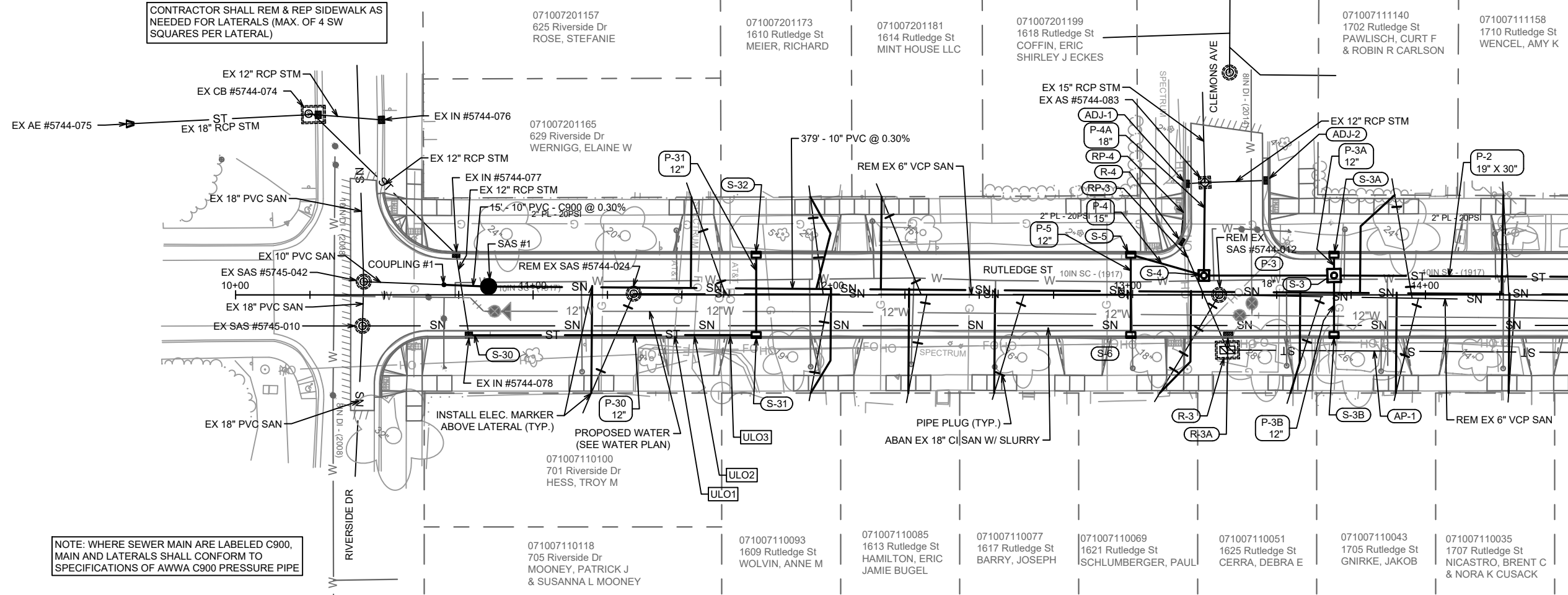


Station	Proposed C.L. Elevation	Grade (%)	Existing C.L. Elevation
21+00	850.54	0.50%	850.54
21+25	850.80	0.52%	850.80
21+50	850.82	0.51%	850.82
22+00	850.72	0.53%	850.72
22+25	850.87	-0.51%	850.87
22+50	850.74	-0.50%	850.74
23+00	850.61	0.50%	850.61
23+25	850.69	0.70%	850.69
23+50	850.86	0.51%	850.86
24+00	850.99	-0.50%	850.99
24+25	850.78	0.50%	850.78
24+50	850.94	0.70%	850.94
25+00	851.11	0.50%	851.11
25+25	851.24	0.53%	851.24
25+50	851.37	0.51%	851.37
26+00	851.50	-0.50%	851.50
26+25	851.37	-0.50%	851.37
26+50	851.25	-0.50%	851.25
26+75	851.12	-0.50%	851.12
26+99	851.00	-0.50%	851.00

- NOTES
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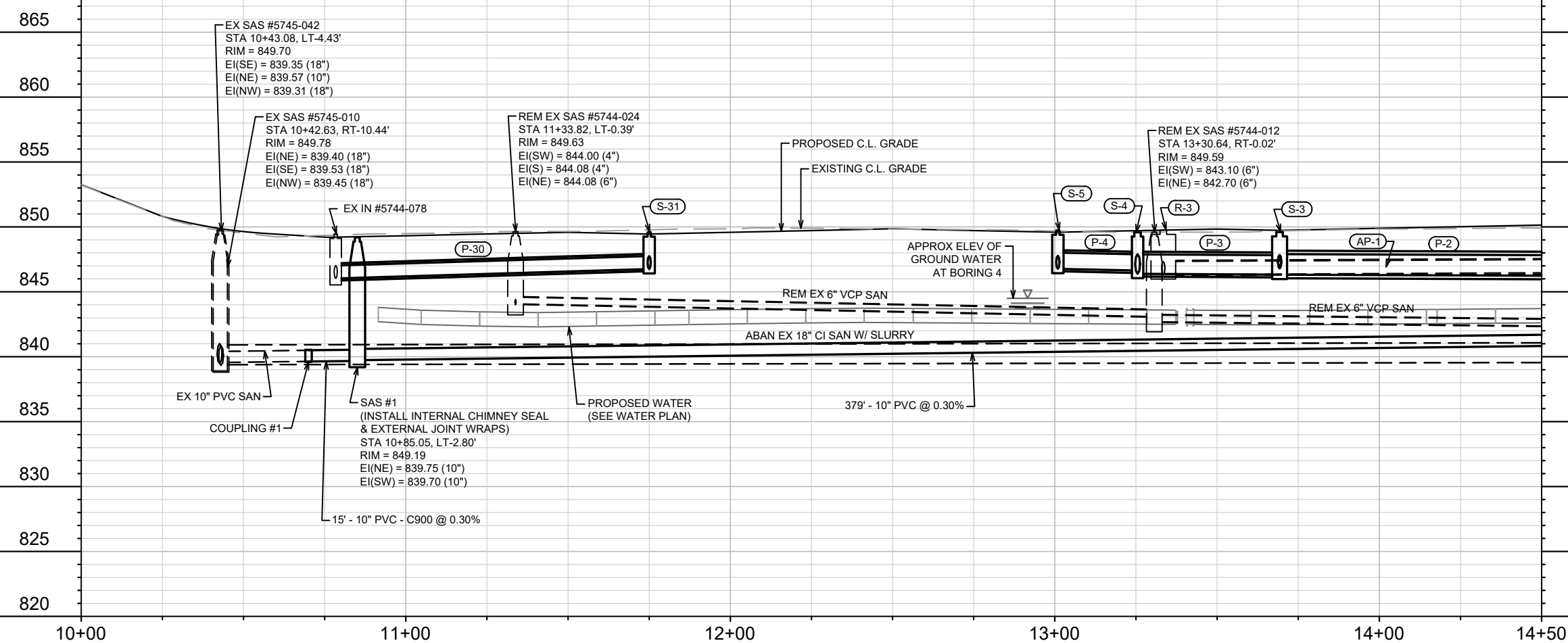
14076	14076	8742	14076
STREET PLAN & PROFILES - RUTLEDGE STREET		MADISON, WI	
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024		CONTRACT NO.:	
14076		P-3	


CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL)



MATCH LINE 14+50.00

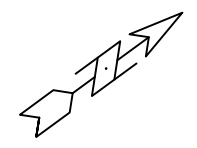
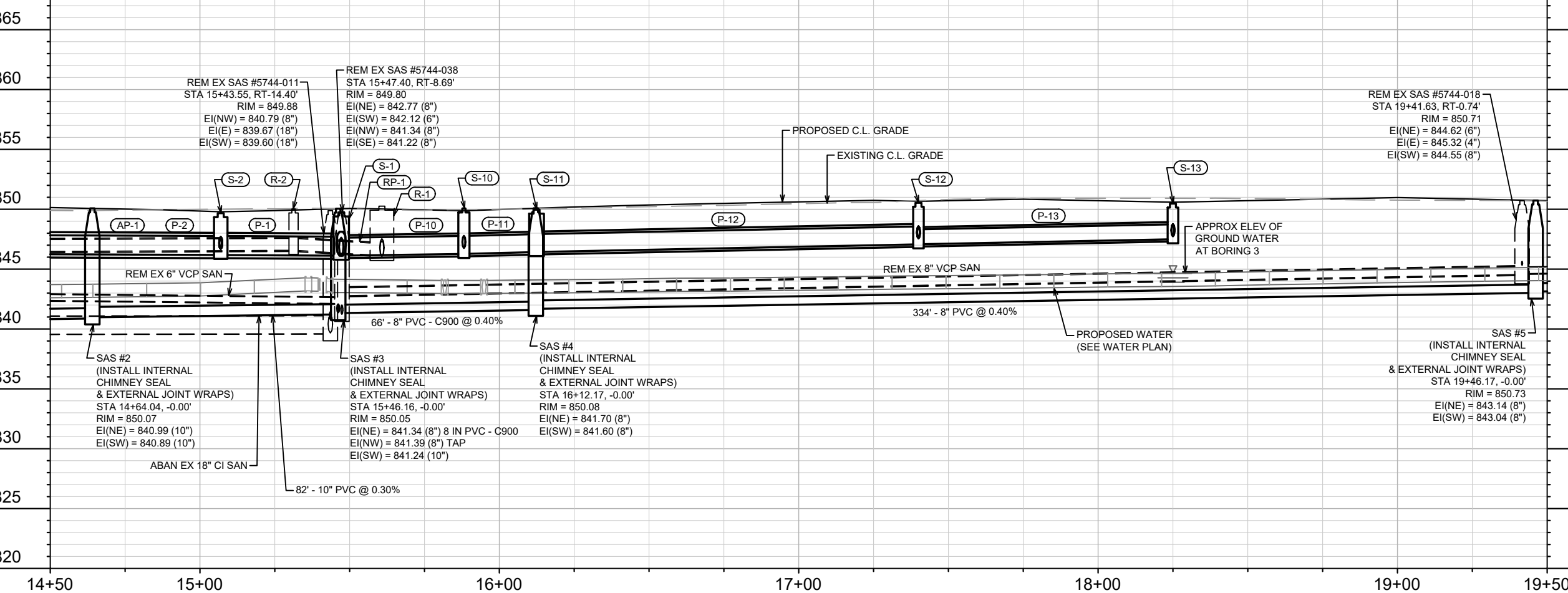
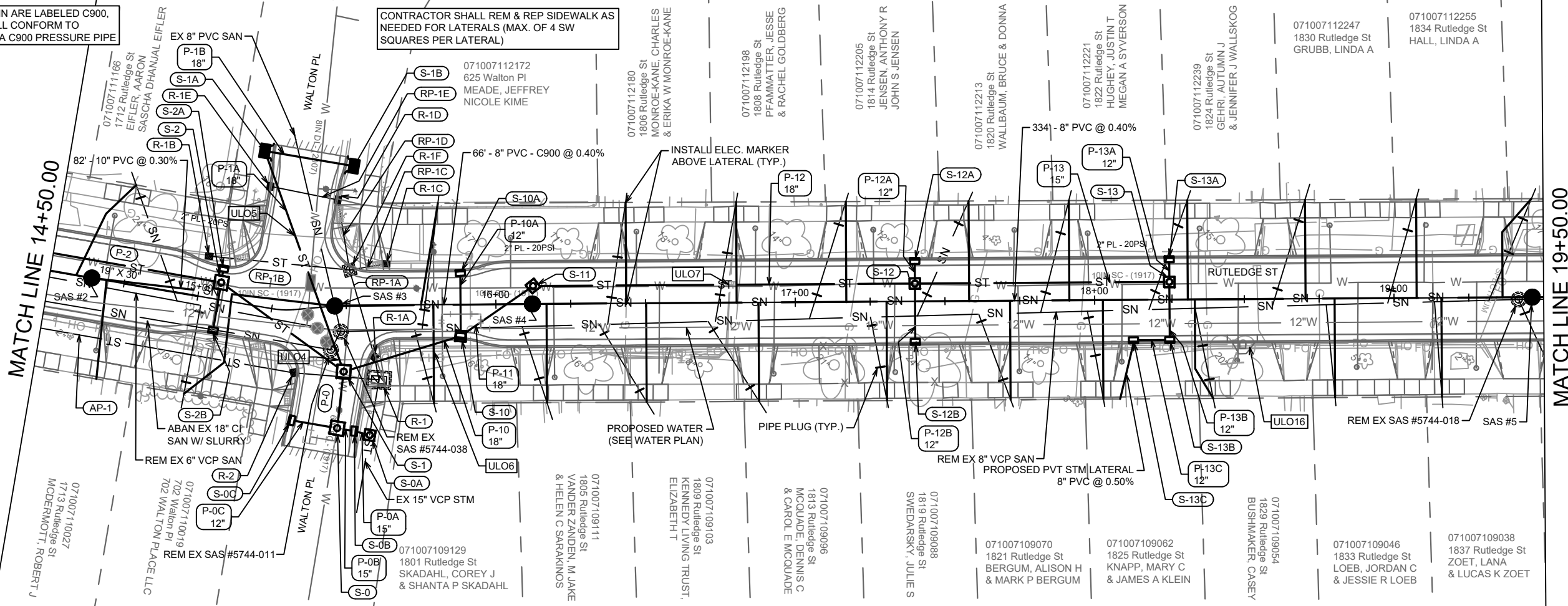
NOTE: WHERE SEWER MAIN ARE LABELED C900, MAIN AND LATERALS SHALL CONFORM TO SPECIFICATIONS OF AWWA C900 PRESSURE PIPE



14076	14076	8742	U-1
RUTLEDGE STREET SEWER PLAN AND PROFILE		CONTRACT NO:	
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024		14076	
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		14076 U-1	

NOTE: WHERE SEWER MAIN ARE LABELED C900, MAIN AND LATERALS SHALL CONFORM TO SPECIFICATIONS OF AWWA C900 PRESSURE PIPE

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL)



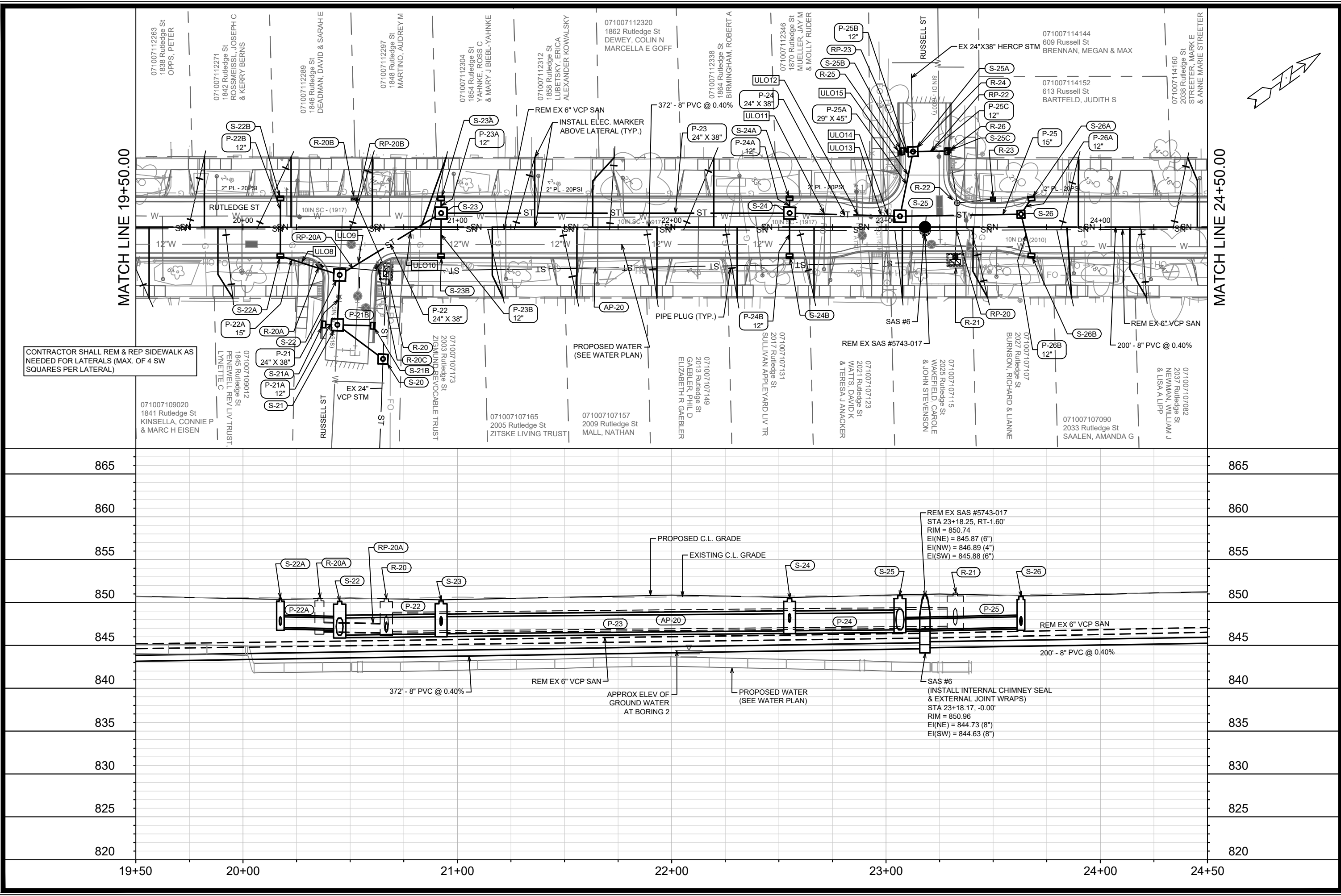
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14076
MADISON, WI
CONTRACT NO: 8742

RUTLEDGE STREET SEWER PLAN AND PROFILE
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
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CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL)

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14076
MADISON, WI
8742
CONTRACT NO:

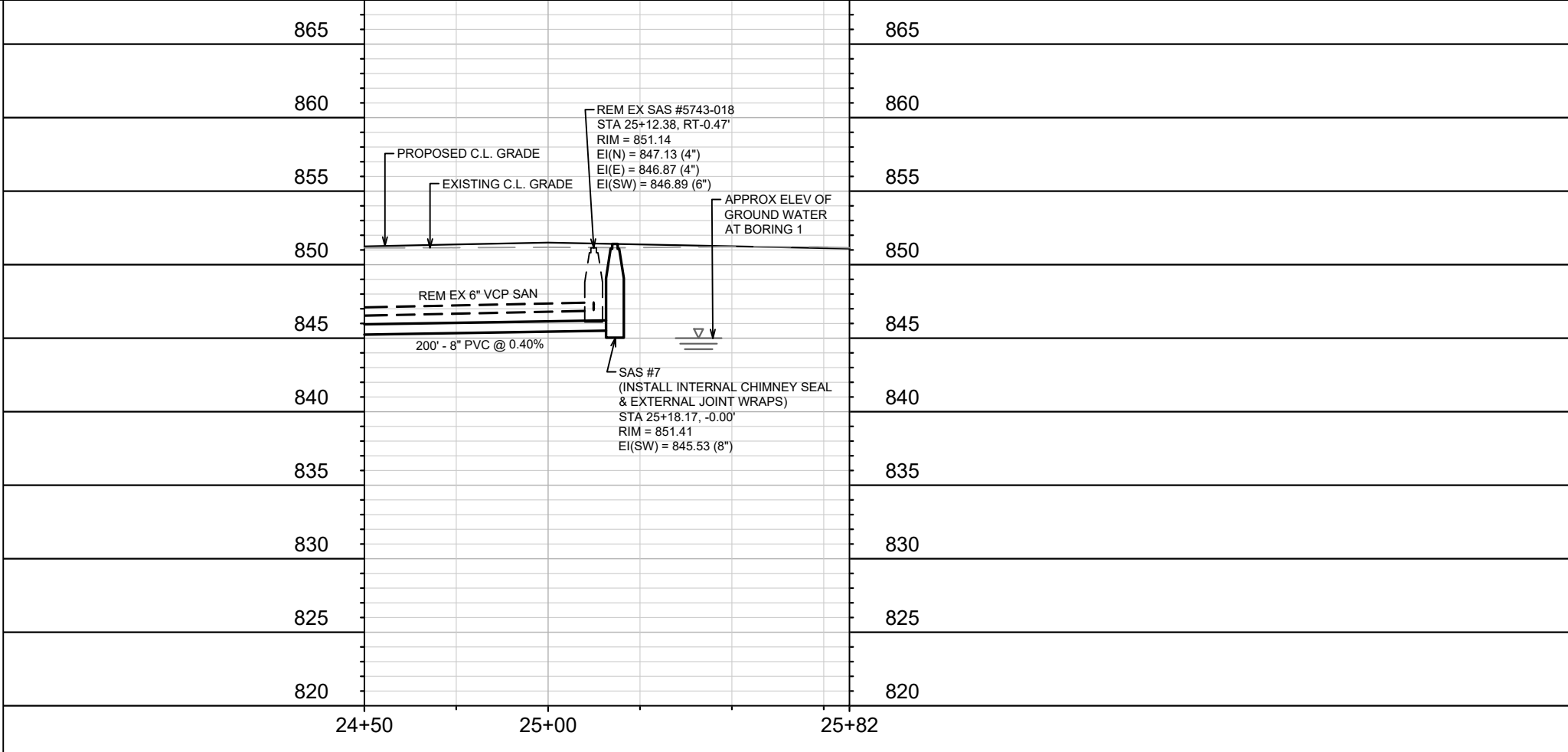
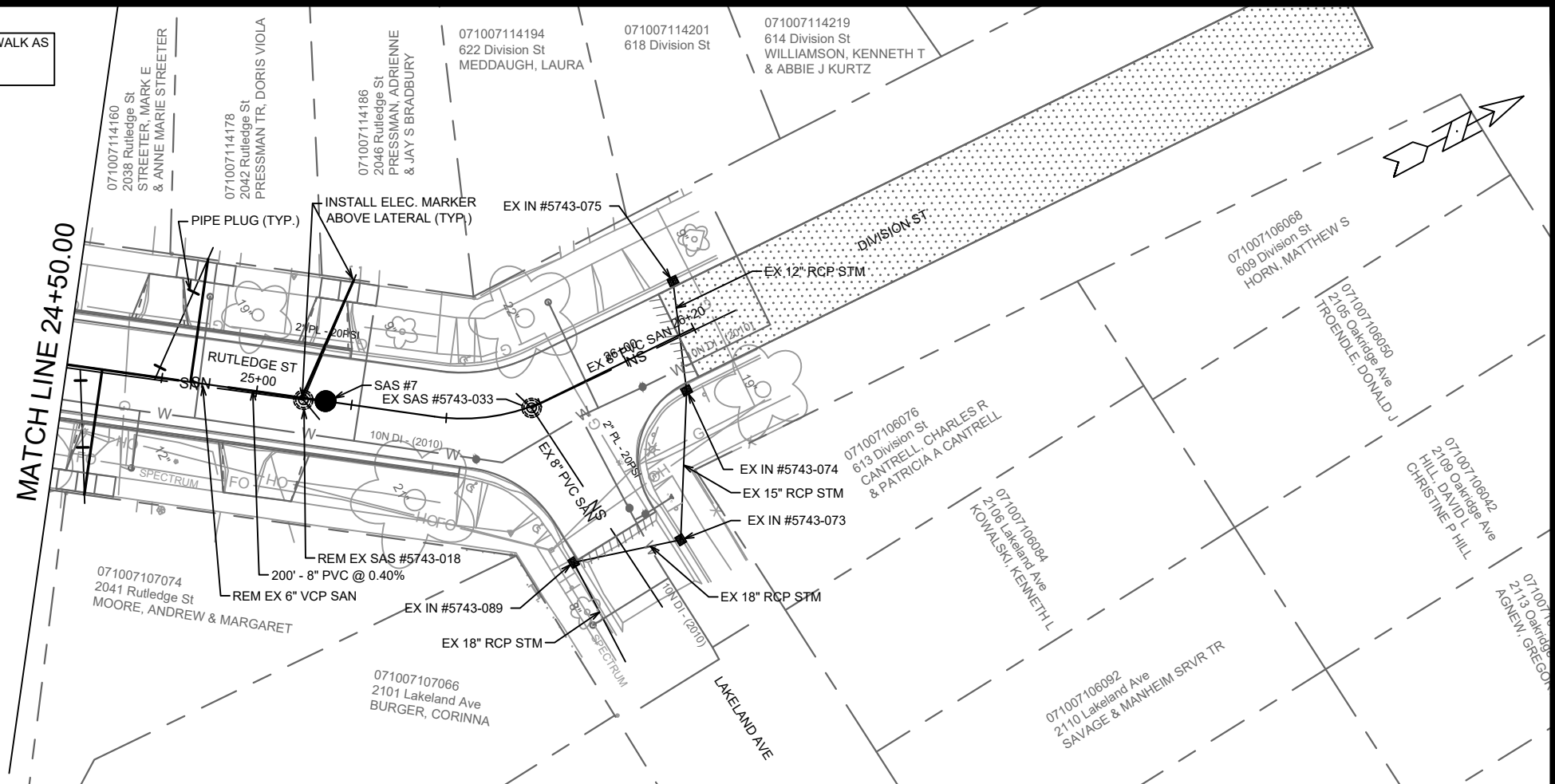
RUTLEDGE STREET SEWER PLAN AND PROFILE
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
U-3

Scale: 1" = 40'

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL)



MARK	REVISION	DATE	BY
14076	U-4	6/27/2024	10:59 AM

14076
MADISON, WI
CONTRACT NO: 8742

RUTLEDGE STREET SEWER PLAN AND PROFILE
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
U-4

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
RUTLEDGE STREET						
COUPLING #1	10+70.06	LT-3.38'	-	839.65	-	-
SAS #1	10+85.05	LT-2.80'	849.19	839.70	9.50	[1], [2]
SAS #2	14+64.04	CL	850.07	840.89	9.18	[1], [2]
SAS #3	15+46.16	CL	850.05	841.24	8.81	[1], [2]
SAS #4	16+12.17	CL	850.08	841.60	8.48	[1], [2]
SAS #5	19+46.17	CL	850.73	843.04	7.69	[1], [2]
SAS #6	23+18.17	CL	850.96	844.63	6.33	[1], [2]
SAS #7	25+18.17	CL	851.41	845.53	5.88	[1], [2]

SANITARY STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
RUTLEDGE STREET						
SAS #5744-024	11+33.82	LT-39.00'	849.63	844.00	5.63	-
SAS #5744-012	13+30.64	RT-0.02'	849.59	842.70	6.89	-
SAS #5744-011	15+43.55	RT-14.40'	849.88	839.60	10.28	-
SAS #5744-038	15+47.40	RT-8.69'	849.80	841.22	8.58	-
SAS #5744-018	19+41.63	RT-0.74'	850.71	841.22	9.49	-
SAS #5743-017	23+18.25	RT-1.60'	850.74	845.87	4.87	-
SAS #5743-018	25+12.38	RT-0.47'	851.14	846.87	4.27	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
RUTLEDGE STREET								
COUPLING #1	SAS #1	839.65	839.70	15	0.30%	10"	C900	-
SAS #1	SAS #2	839.75	840.89	379	0.30%	10"	SDR-35	-
SAS #2	SAS #3	840.99	841.24	82	0.30%	10"	SDR-35	-
SAS #3	SAS #4	841.34	841.60	66	0.40%	8"	C900	-
SAS #4	SAS #5	841.70	843.04	334	0.40%	8"	SDR-35	-
SAS #5	SAS #6	843.14	844.63	372	0.40%	8"	SDR-35	-
SAS #6	SAS #7	844.73	845.53	200	0.40%	8"	SDR-35	-

SANITARY PIPES REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	PIPE LENGTH	PAY LENGTH	PIPE SIZE	PIPE TYPE	NOTES
RUTLEDGE STREET						
SAS #5744-012	SAS #5744-024	197	0	6"	VCP	REMOVAL
SAS #5745-010	SAS #5744-011	504	500	18"	CI	ABANDON, 32.7 CY OF SLURRY
SAS #5744-038	SAS #5744-012	219	85	6"	VCP	REMOVAL
SAS #5744-011	SAS #5744-038	8	8	8"	VCP	REMOVAL
SAS #5744-038	SAS #5744-018	394	280	8"	VCP	REMOVAL
SAS #5744-018	SAS #5743-017	377	0	6"	VCP	REMOVAL
SAS #5743-017	SAS #5743-018	194	0	6"	VCP	REMOVAL

SPECIFIC NOTES

- [1] INSTALL RIGID INTERNAL CHIMNEY SEAL IN ACCORDANCE WITH SDD 5.7.17
- [2] INSTALL EXTERNAL SEWER ACCESS STRUCTURE JOINT SEAL PER S.D.D. 5.7.2

SANITARY SEWER SCHEDULE

RUTLEDGE ST RECONSTRUCTION

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14076

U-5

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
RUTLEDGE STREET							
S-0	15+43.29	RT-40.73'	4X4 SAS	849.62	846.12	3.50	FP, W/R-1550-0054
S-0A	15+57.54	RT-43.44'	3X3 SAS	849.96	846.02	3.94	W/R-1550-0054
S-0B	15+52.38	RT-42.10'	H INLET	849.91	846.05	3.86	LP, W/R-3067-7004-VB
S-0C	15+30.68	RT-36.87'	H INLET	849.91	846.60	3.31	LP, W/R-3067-7004-VB
S-1	15+47.18	RT-22.11'	4X4 SAS	849.73	846.12	3.61	FP, W/R-1550-0054
S-1A	15+13.94	LT-51.54'	TERR IN 3	849.46	846.44	3.02	LP, FP
S-1B	15+52.93	LT-46.45'	TERR IN 3	849.46	846.55	2.91	LP, FP
S-2	15+06.92	LT-5.75'	4X4 SAS	849.68	846.18	3.50	FP, W/R-1550-0054
S-2A	15+06.92	LT-10.50'	H INLET	849.99	846.70	3.29	LP, W/R-3067-7004-VB
S-2B	15+06.92	RT-10.50'	H INLET	849.99	846.76	3.23	LP, W/R-3067-7004-VB
S-3	13+69.26	LT-6.50'	4X4 SAS	849.60	846.32	3.28	FP, W/R-1550-0054
S-3A	13+69.25	LT-13.50'	H INLET	849.87	846.89	2.98	LP, FP, W/R-3067-7004-VB
S-3B	13+69.25	RT-13.50'	H INLET	849.87	846.92	2.95	LP, FP, W/R-3067-7004-VB
S-4	13+25.50	LT-6.50'	3X3 SAS	849.58	846.39	3.19	FP, W/R-1550-0054
S-4A	13+25.83	LT-37.75'	TAP	-	846.35	-	-
S-5	13+00.93	LT-13.50'	H INLET	849.72	846.77	2.95	LP, FP, W/R-3067-7004-VB
S-6	13+00.93	RT-13.50'	H INLET	849.72	846.91	2.81	LP, FP, W/R-3067-7004-VB
S-10	15+88.17	RT-10.57'	3X3 SAS	850.07	846.27	3.80	FP, LP, W/R-3067-7004-VB
S-10A	15+88.17	LT-10.57'	H INLET	850.07	846.90	3.17	LP, W/R-3067-7004-VB
S-11	16+12.42	LT-6.00'	3X3 SAS	849.96	846.43	3.53	FP, W/R-1550-0054
S-12	17+40.00	LT-5.95'	3X3 SAS	850.54	847.07	3.47	FP, W/R-1550-0054
S-12A	17+40.00	LT-13.50'	H INLET	850.80	847.61	3.19	LP, W/R-3067-7004-VB
S-12B	17+40.00	RT-13.50'	H INLET	850.80	847.67	3.13	LP, W/R-3067-7004-VB
S-13	18+25.00	LT-5.92'	3X3 SAS	850.47	847.50	2.97	FP, W/R-1550-0054
S-13A	18+25.00	LT-13.50'	H INLET	850.73	847.79	2.94	LP, FP, W/R-3067-7004-VB
S-13B	18+25.00	RT-13.50'	H INLET	850.73	847.85	2.88	LP, FP, W/R-3067-7004-VB
S-13C	18+12.88	RT-13.50'	H INLET	850.79	847.91	2.88	FP, W/R-3067-7004-V

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
RUTLEDGE STREET										
P-0	S-0	S-1	846.02	846.12	19	15.0	0.67%	24"X38"	HERCP	-
P-0A	S-0A	S-0B	846.02	846.05	5.5	2.8	1.06%	15"	RCP	-
P-0B	S-0	S-0B	846.02	846.05	6	2.8	1.07%	15"	RCP	-
P-0C	S-0	S-0C	846.52	846.60	15.5	12.4	0.64%	12"	RCP	-
P-1	S-1	S-2	846.12	846.18	50.5	45.9	0.13%	19"X30"	HERCP	-
P-1A	S-1	S-1A	846.12	846.44	78.5	75.0	0.43%	18"	RCP	-
P-1B	S-1A	S-1B	846.44	846.55	30.5	27.0	0.41%	18"	RCP	-
P-2	S-2	S-3	846.18	846.32	138	133.7	0.10%	19"X30"	HERCP	-
P-2A	S-2	S-2A	846.68	846.70	5	1.8	1.14%	12"	RCP	-
P-2B	S-2	S-2B	846.68	846.76	16	13.3	0.60%	12"	RCP	-
P-3	S-3	S-4	846.32	846.39	44	40.3	0.17%	18"	RCP	-
P-3A	S-3	S-3A	846.82	846.89	7	4.0	1.75%	12"	RCP	-
P-3B	S-3	S-3B	846.82	846.92	20	17.0	0.59%	12"	RCP	-
P-4	S-4	S-5	846.64	846.77	25.5	22.4	0.58%	15"	RCP	-
P-4A	S-4	S-4A	846.39	846.35	31.5	28.3	-0.14%	18"	RCP	-
P-5	S-5	S-6	846.77	846.91	27	25.0	0.56%	12"	RCP	-
P-10	S-1	S-10	846.12	846.27	41	37.1	0.40%	18"	RCP	-
P-10A	S-10	S-10A	846.77	846.90	21	18.6	0.70%	12"	RCP	-
P-11	S-10	S-11	846.27	846.43	29.5	25.9	0.62%	18"	RCP	-
P-12	S-11	S-12	846.43	847.07	127.5	124.1	0.52%	18"	RCP	-
P-12A	S-12	S-12A	847.57	847.61	7.5	5.1	0.79%	12"	RCP	-
P-12B	S-12	S-12B	847.57	847.67	19.5	17.0	0.59%	12"	RCP	-
P-13	S-12	S-13	847.07	847.50	85	82.0	0.52%	15"	RCP	-
P-13A	S-13	S-13A	847.75	847.79	7.5	5.1	0.79%	12"	RCP	-
P-13B	S-13	S-13B	847.75	847.85	19.5	16.9	0.59%	12"	RCP	-
P-13C	S-13B	S-13C	847.85	847.91	12	9.1	0.66%	12"	RCP	-

STORM STRUCTURE ADJUSTMENTS

ADJUST NO.	STATION	LOCATION (OFFSET)	EX. TOC ELEV.	ADJUST ELEV.	ADJUST DIFF.	NOTES
RUTLEDGE STREET						
ADJ-1	13+19.55	LT-37.35'	849.34	849.42	0.08	INLET
ADJ-2	13+46.65	LT-38.44'	849.27	849.42	0.15	INLET

SPECIFIC NOTES

STORM SEWER SCHEDULE

RUTLEDGE ST RECONSTRUCTION

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14076

U-6

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
RUTLEDGE STREET							
S-20	20+65.35	RT-61.55'	4X4 SAS	850.00	846.31	3.69	FP, W/R-1550-0054
S-21	20+44.02	RT-45.59'	5X5 SAS	850.01	846.44	3.57	FP, W/R-1550-0054
S-21A	20+37.50	RT-45.41'	H INLET	850.47	847.47	3.00	LP, W/R-3067-7004-VB
S-21B	20+60.55	RT-46.06'	H INLET	850.47	847.52	2.95	LP, FP, W/R-3067-7004-VB
S-22	20+45.10	RT-22.33'	5X5 SAS	850.14	846.19	3.95	FP, W/R-1550-0054
S-22A	20+17.44	RT-13.50'	H INLET	850.50	847.09	3.41	LP, FP, W/R-3067-7004-VB
S-22B	20+17.46	LT-13.50'	H INLET	850.50	847.48	3.02	LP, W/R-3067-7004-VB
S-23	20+92.44	LT-6.50'	5X5 SAS	850.18	846.33	3.85	FP, W/R-1550-0054
S-23A	20+92.44	LT-13.50'	H INLET	850.45	847.38	3.07	LP, W/R-3067-7004-VB
S-23B	20+92.44	RT-13.50'	H INLET	850.45	847.44	3.01	LP, W/R-3067-7004-VB
S-24	22+55.00	LT-6.50'	5X5 SAS	850.46	846.70	3.76	FP, W/R-1550-0054
S-24A	22+55.00	LT-13.50'	H INLET	850.72	847.74	2.98	LP, W/R-3067-7004-VB
S-24B	22+55.00	RT-13.50'	H INLET	850.72	847.80	2.92	LP, W/R-3067-7004-VB
S-25	23+06.52	LT-5.07'	5X5 SAS	850.79	846.81	3.98	FP, W/R-1550-0054
S-25A	23+12.61	LT-35.23'	4X4 SAS	850.45	846.88	3.57	FP, W/R-1550-0054
S-25B	23+07.48	LT-35.36'	H INLET	850.75	847.91	2.84	LP, FP, W/R-3067-7004-VB
S-25C	23+28.48	LT-35.35'	H INLET	850.75	847.96	2.79	LP, FP, W/R-3067-7004-VB
S-26	23+62.97	LT-6.00'	3X3 SAS	850.69	847.09	3.60	W/R-1550-0054
S-26A	23+67.81	LT-13.36'	H INLET	850.91	847.38	3.53	LP, W/R-3067-7004-VB
S-26B	23+67.81	RT-13.36'	H INLET	850.91	847.44	3.47	LP, W/R-3067-7004-VB
S-30	10+78.42	RT-13.58'	TAP	-	846.03	-	-
S-31	11+75.00	RT-13.50'	H INLET	849.59	846.75	2.84	LP, FP, W/R-3067-7004-VB
S-32	11+75.00	LT-13.50'	H INLET	849.59	846.88	2.71	LP, FP, W/R-3067-7004-VB

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
RUTLEDGE STREET										
P-20	S-20	S-21	846.31	846.44	26.5	21.0	0.62%	24"	RCP	-
P-21	S-21	S-22	846.13	846.19	23.5	18.3	0.33%	24"X38"	HERCP	-
P-21A	S-21	S-21A	847.44	847.47	6.5	3.0	0.99%	12"	RCP	-
P-21B	S-21	S-21B	847.44	847.52	16.5	13.0	0.61%	12"	RCP	-
P-22	S-22	S-23	846.19	846.33	55.5	49.4	0.28%	24"X38"	HERCP	-
P-22A	S-22	S-22A	846.94	847.09	29.04	24.9	0.60%	15"	RCP	-
P-22B	S-22A	S-22B	847.34	847.48	27	25.0	0.56%	12"	RCP	-
P-23	S-23	S-24	846.34	846.70	162.5	157.6	0.23%	24"X38"	HERCP	-
P-23A	S-23	S-23A	847.34	847.38	7	3.5	1.14%	12"	RCP	-
P-23B	S-23	S-23B	847.34	847.44	20	16.5	0.61%	12"	RCP	-
P-24	S-24	S-25	846.70	846.81	51.5	46.6	0.24%	24"X38"	HERCP	-
P-24A	S-24	S-24A	847.70	847.74	7	3.5	1.14%	12"	RCP	-
P-24B	S-24	S-24B	847.70	847.80	20	16.5	0.61%	12"	RCP	-
P-25	S-25	S-26	846.81	847.09	56.5	52.5	0.53%	15"	RCP	-
P-25A	S-25	S-25A	846.81	846.88	31	26.2	0.27%	24"X38"	HERCP	-
P-25B	S-25A	S-25B	847.88	847.91	5	2.1	1.41%	12"	RCP	-
P-25C	S-25A	S-25C	847.88	847.96	16	12.9	0.62%	12"	RCP	-
P-26A	S-26	S-26A	847.34	847.38	9	5.6	0.72%	12"	RCP	-
P-26B	S-26	S-26B	847.34	847.44	20	17.3	0.58%	12"	RCP	-
P-30	S-30	S-31	846.03	846.75	96.5	93.6	0.77%	12"	RCP	-
P-31	S-31	S-32	846.75	846.88	27	25.0	0.52%	12"	RCP	-

SPECIFIC NOTES

STORM SEWER SCHEDULE

RUTLEDGE ST RECONSTRUCTION

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14076

U-7

STORM SEWER SCHEDULE

REMOVE STORM STRUCTURES

STRUC. NO.	STRUC. ASSET I.D.	STATION	LOCATION (OFFSET)	TYPE	NOTES
RUTLEDGE STREET					
R-1	AS #5744-019	15+60.77	RT-25.00'	CATCHBASIN	-
R-1A	IN #5744-051	15+59.39	RT-17.40'	INLET	-
R-1B	IN #5744-056	15+01.47	LT-13.80'	INLET	-
R-1C	IN #5744-053	15+63.45	LT-13.75'	INLET	-
R-1D	IN #5744-054	15+49.00	LT-35.24'	INLET	-
R-1E	IN #5744-055	15+17.66	LT-40.20'	INLET	-
R-1F	AS #5744-052	15+51.20	LT-11.78'	SAS	-
R-2	N/A	15+31.26	RT-21.06'	INLET	-
R-3	AS #5744-012	13+33.42	RT-18.53'	CATCHBASIN	-
R-3A	IN #5744-013	13+33.64	RT-13.61'	INLET	-
R-4	IN #5744-081	13+17.68	LT-18.10'	SAS	-
R-20	AS #5744-027	20+66.89	RT-20.65'	CATCHBASIN	-
R-20A	IN #5744-029	20+35.68	RT-17.99'	INLET	-
R-20B	IN #5744-028	20+51.94	LT-13.62'	INLET	-
R-20C	IN #5744-030	20+62.83	RT-18.26'	INLET	-
R-21	AS #5743-042	23+32.32	RT-16.34'	CATCHBASIN	-
R-22	AS #5743-051	23+33.19	LT-11.27'	SAS	-
R-23	IN #5743-053	23+49.91	LT-13.09'	INLET	-
R-24	AS #5743-054	23+12.61	LT-35.23'	SAS	-
R-25	IN #5743-055	23+06.49	LT-34.46'	INLET	-
R-26	IN #5743-052	23+29.37	LT-35.78'	SAS	-

STORM SEWER ULOs (5 ADDITIONAL INDISTRIBUTED ULOs INCLUDED)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
RUTLEDGE STREET					
ULO1	11+47.54	RT-13.50'	FIBER OPTIC	-	-
ULO2	11+54.16	RT-13.50'	FIBER OPTIC	-	-
ULO3	11+66.22	RT-13.50'	FIBER OPTIC	-	-
ULO4	15+46.14	RT-18.10'	FIBER OPTIC	-	-
ULO5	15+35.07	LT-24.60'	GAS	-	-
ULO6	15+79.10	RT-15.50'	FIBER OPTIC	-	-
ULO7	16+78.07	LT-6.00'	FIBER OPTIC & ELECTRIC	-	-
ULO8	20+27.19	RT-16.60'	FIBER OPTIC	-	-
ULO9	20+53.74	RT-16.90'	FIBER OPTIC & ELECTRIC	-	-
ULO10	20+78.15	RT-2.20'	FIBER OPTIC & ELECTRIC	-	-
ULO11	22+71.40	RT-6.00'	FIBER OPTIC	-	-
ULO12	22+87.03	LT-5.60'	FIBER OPTIC	-	-
ULO13	22+97.94	LT-5.30'	FIBER OPTIC	-	-
ULO14	23+01.08	LT-5.20'	FIBER OPTIC	-	-
ULO15	23+10.40	LT-24.30'	GAS	-	-
ULO16	18+51.59	RT-15.62'	FIBER OPTIC	-	-

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
RUTLEDGE STREET							
RP-1	R-2	R-1	28	12"	VCP	Y	-
RP-1A	R-1F	R-1A	30	18"	RCP	N	-
RP-1B	R-1B	R-1F	47	12"	RCP	Y	-
RP-1C	R-1C	R-1F	12	12"	RCP	Y	-
RP-1D	R-1D	R-1F	24	15"	RCP	Y	-
RP-1E	R-1E	E-1D	23	12"	RCP	Y	-
RP-3	R-4	R-3	40	12"	VCP	N	-
RP-4	ADJ-1	R-4	19	18"	RCP	Y	-
RP-20	R-21	R-22	25	24"	VCP	Y	-
RP-20A	R-20A	R-20	31	12"	VCP	N	-
RP-20B	R-20B	R-20	37	12"	VCP	Y	-
RP-21	R-22	R-26	25	24"X38"	HERCP	Y	-
RP-22	R-26	R-24	17	24"X38"	HERCP	N	-
RP-23	R-25	R-24	6	12"	RCP	N	-
RP-24	R-23	R-22	17	12"	RCP	Y	-

STORM SEWER ABANDONMENTS

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	PIPE SIZE	TYPE	PAID (Y/N)	NOTES
RUTLEDGE STREET							
AP-1	R-3	R-2	202	12"	VCP	Y	W/PLUGS (10 PLUGS)
AP-2	S-0A	R-1	14	15"	VCP	Y	W/PLUGS (1 PLUGS)
AP-20	R-21	R-20	265	24"	VCP	Y	W/PLUGS (12 PLUGS)
AP-21	S-20	R-20	40	24"	VCP	Y	W/PLUGS (1 PLUGS)

SPECIFIC NOTES

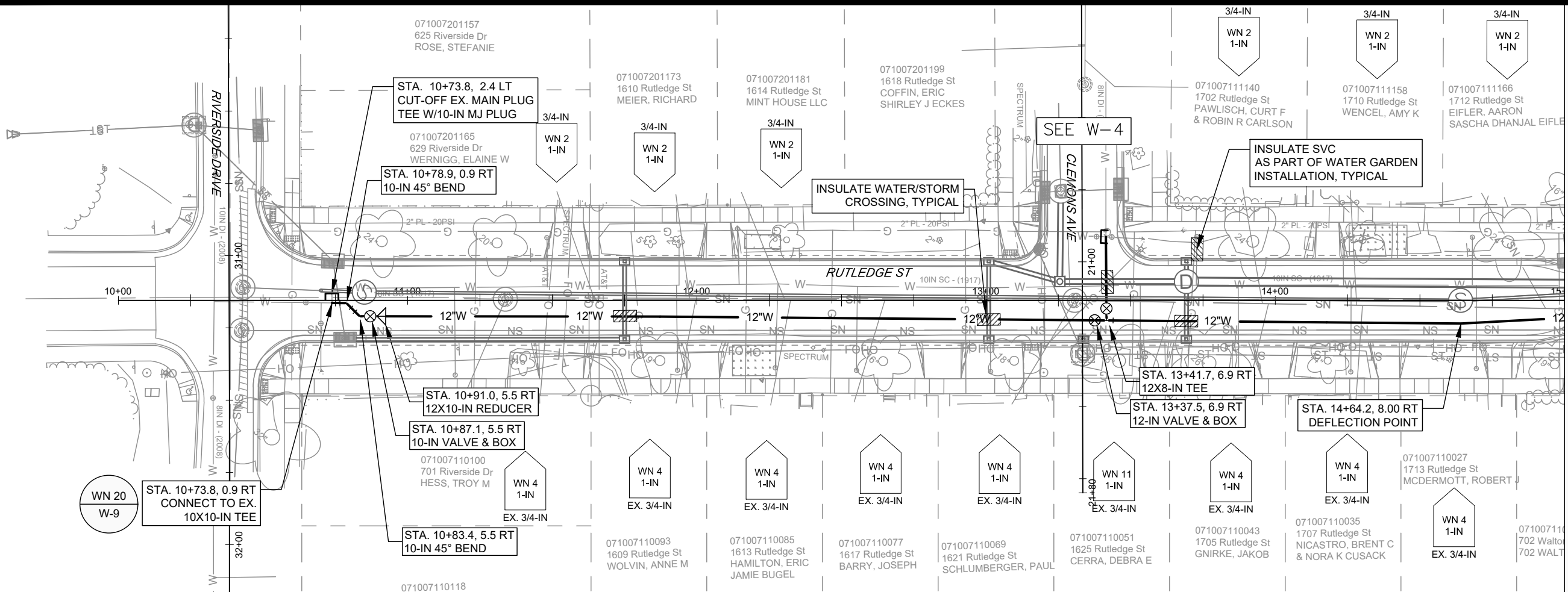
STORM SEWER SCHEDULE

RUTLEDGE ST RECONSTRUCTION

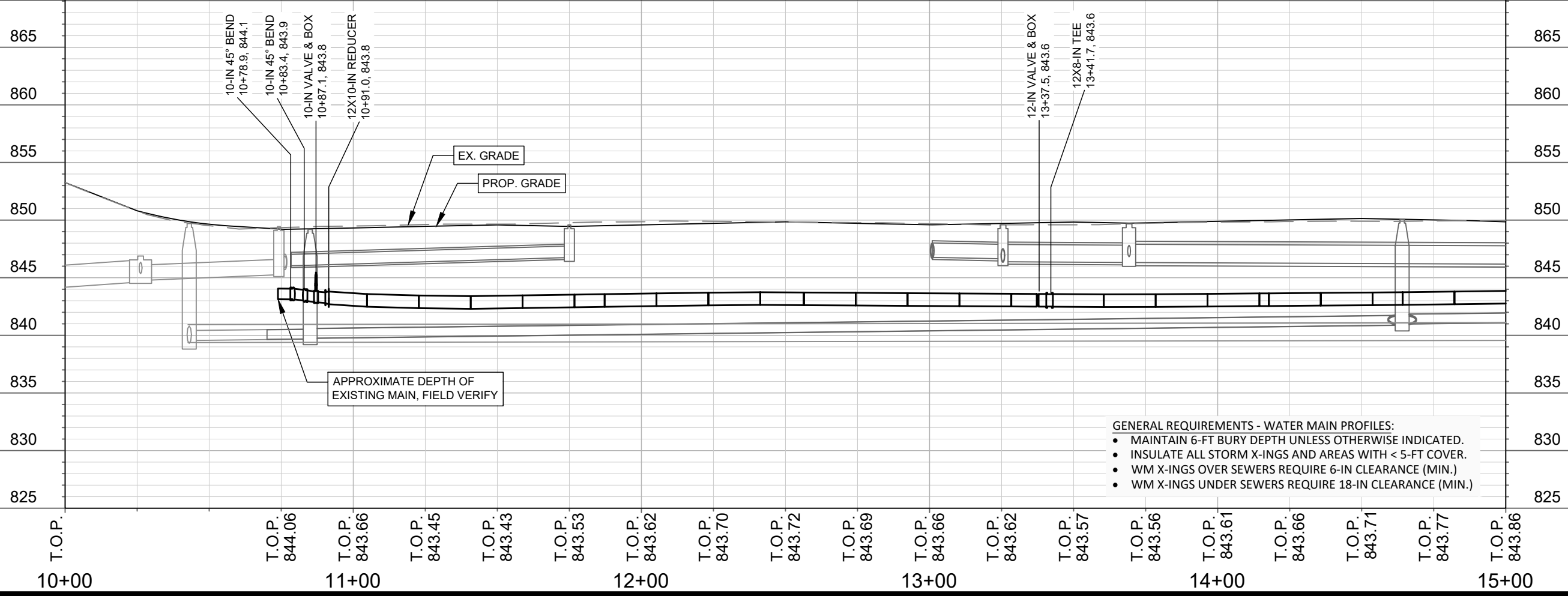
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14076

U-8



MATCH LINE STA. 15+00



- 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.)

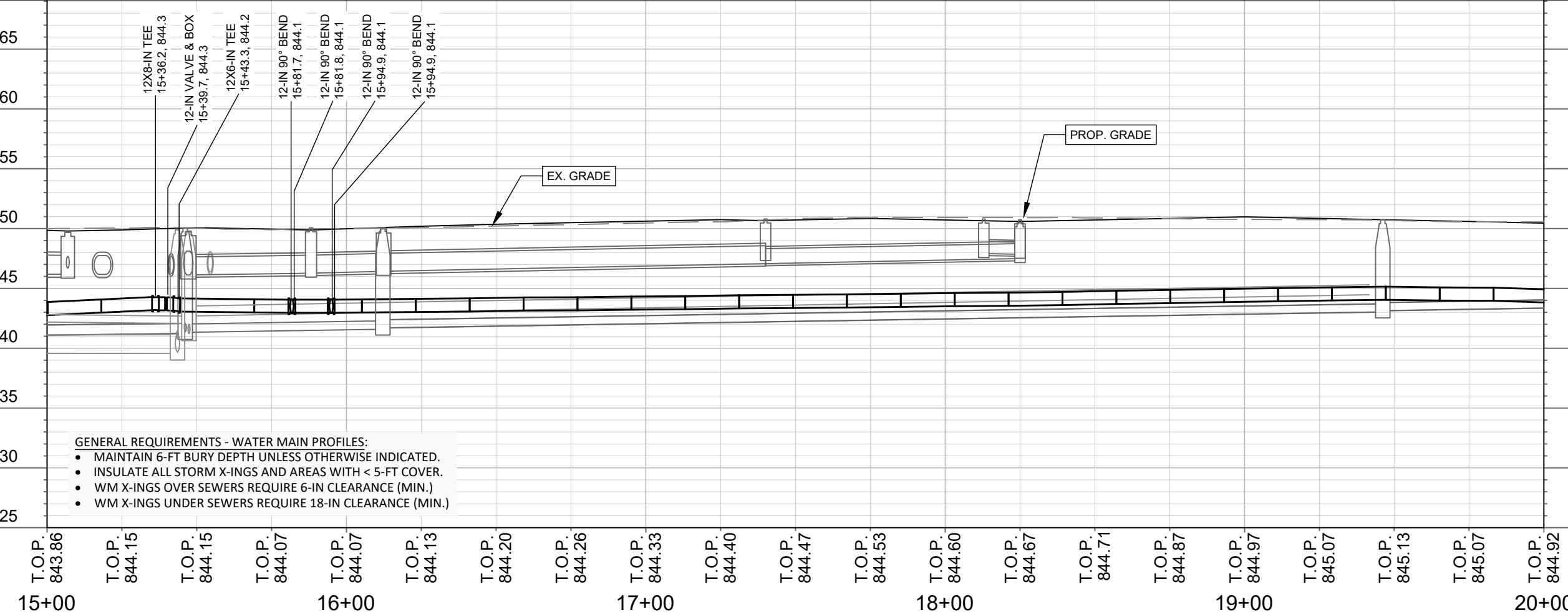
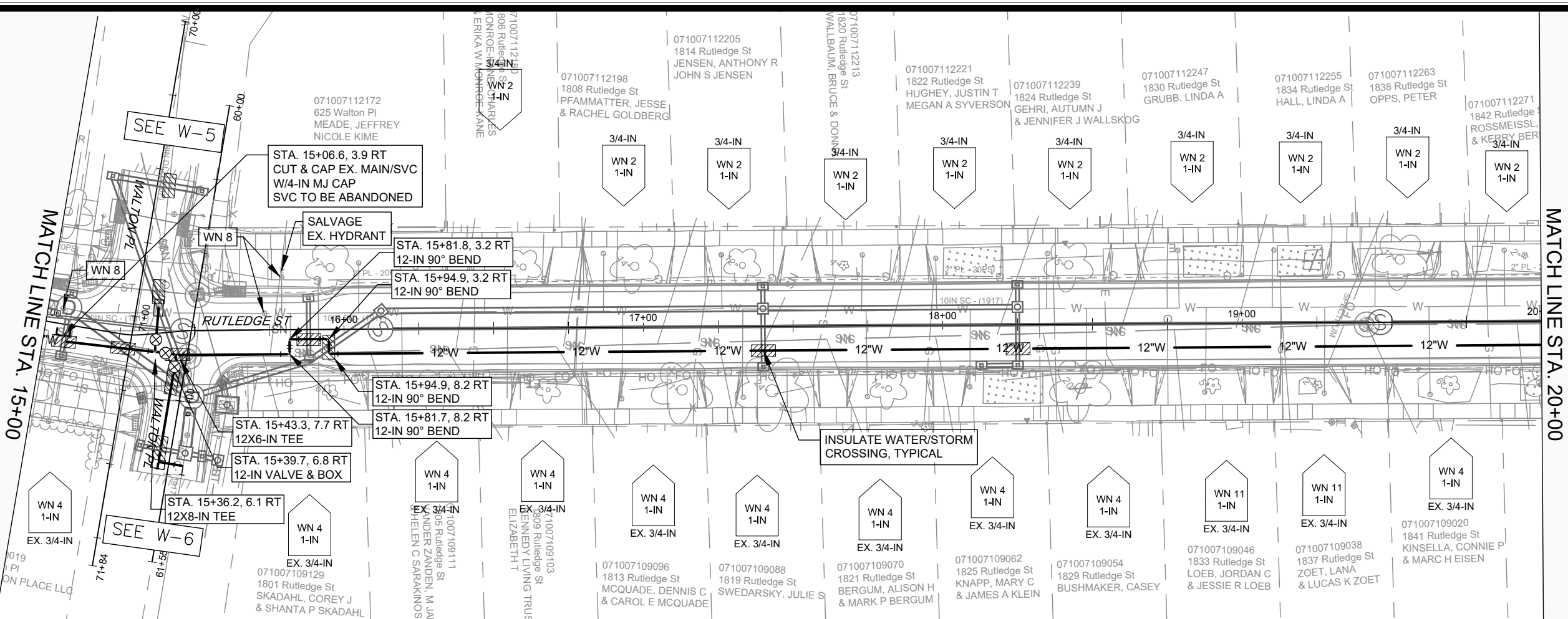
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14076
MADISON, WI
CONTRACT NO: 8742

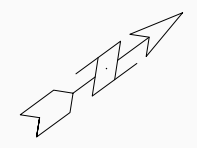
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RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
W-1



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
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 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)



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REVISION	REVISION
MARK	MARK
Designed By: NGM	Date:
14076	W-2

14076
MADISON, WI
CONTRACT NO: 8742

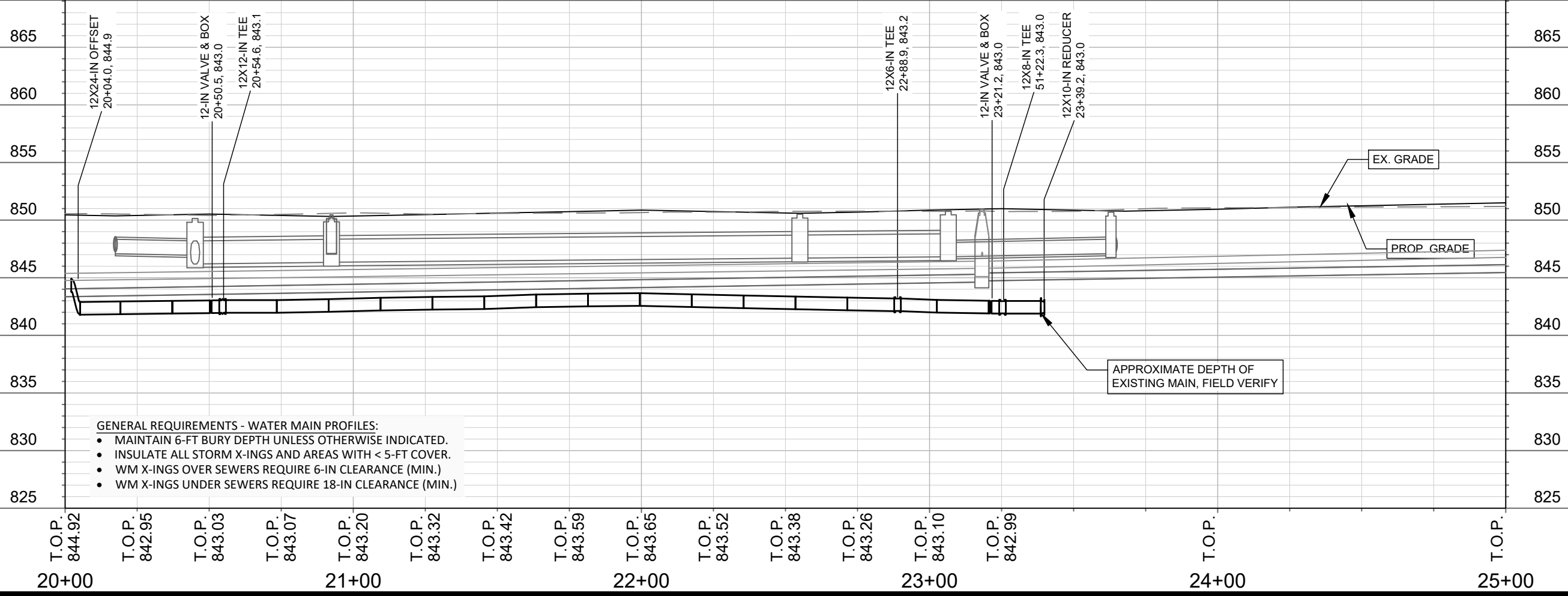
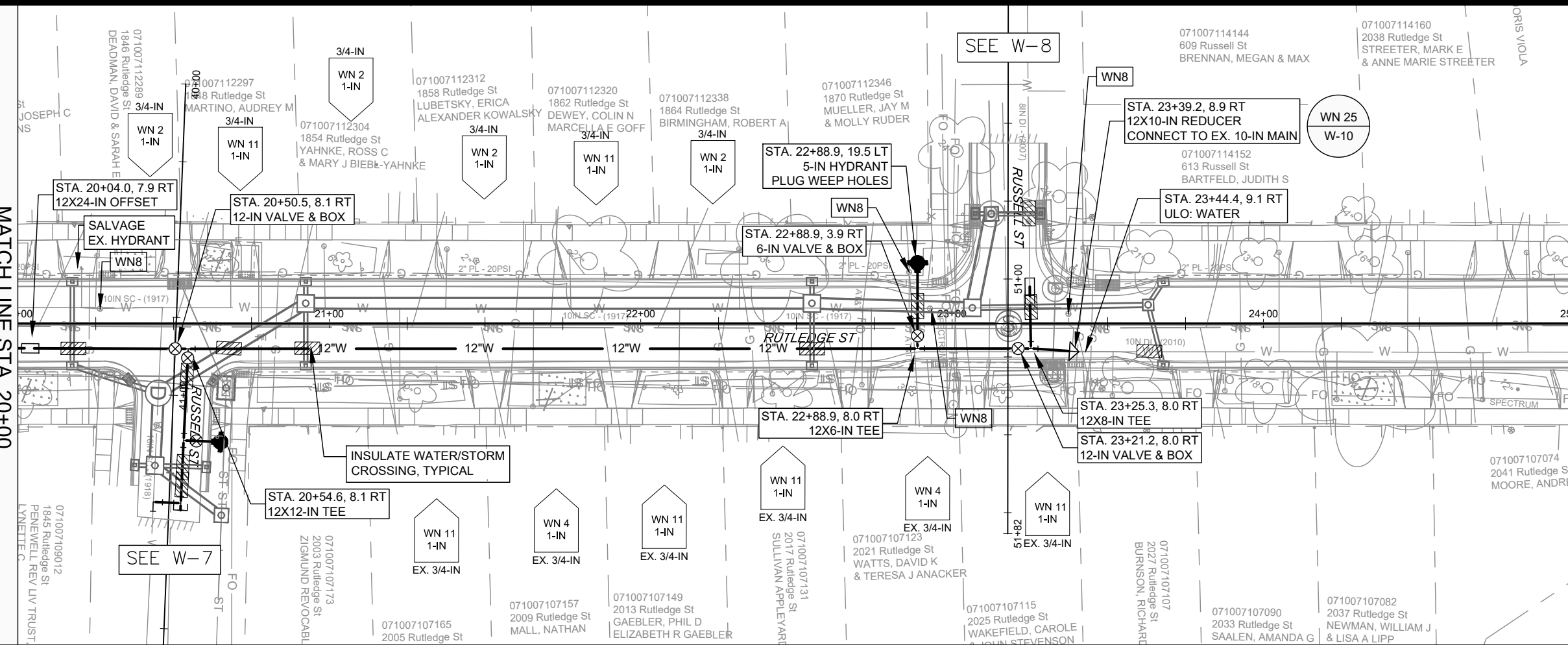
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RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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W-2

MATCH LINE STA. 20+00

MATCH LINE STA. 25+00



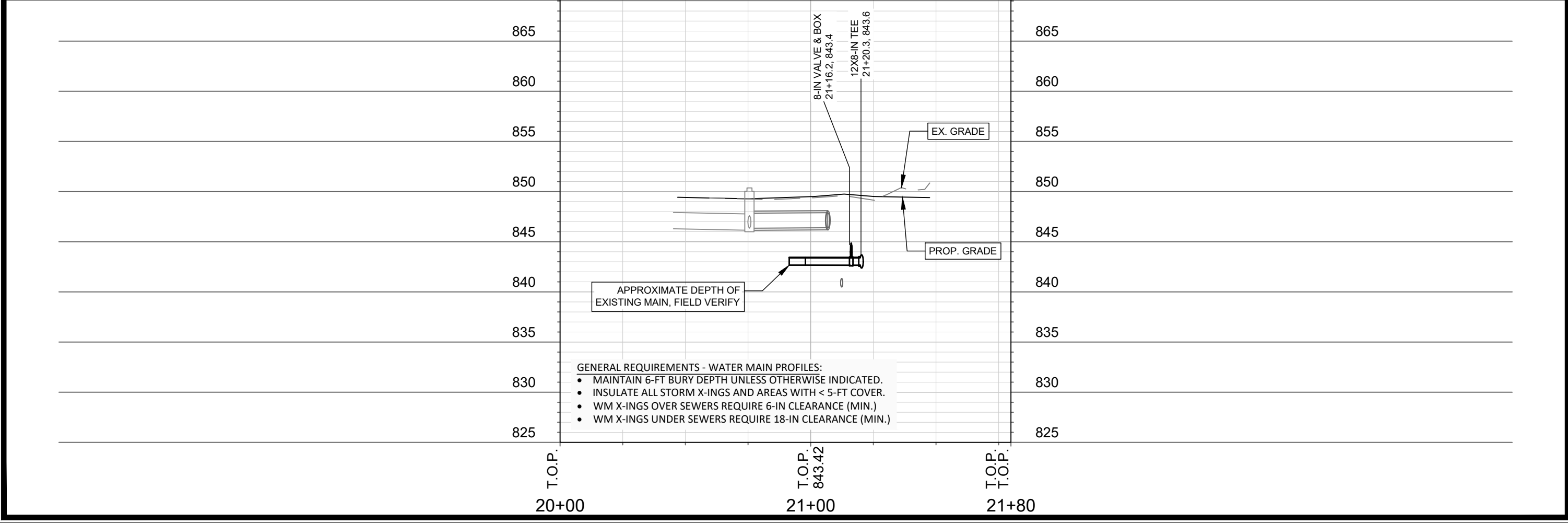
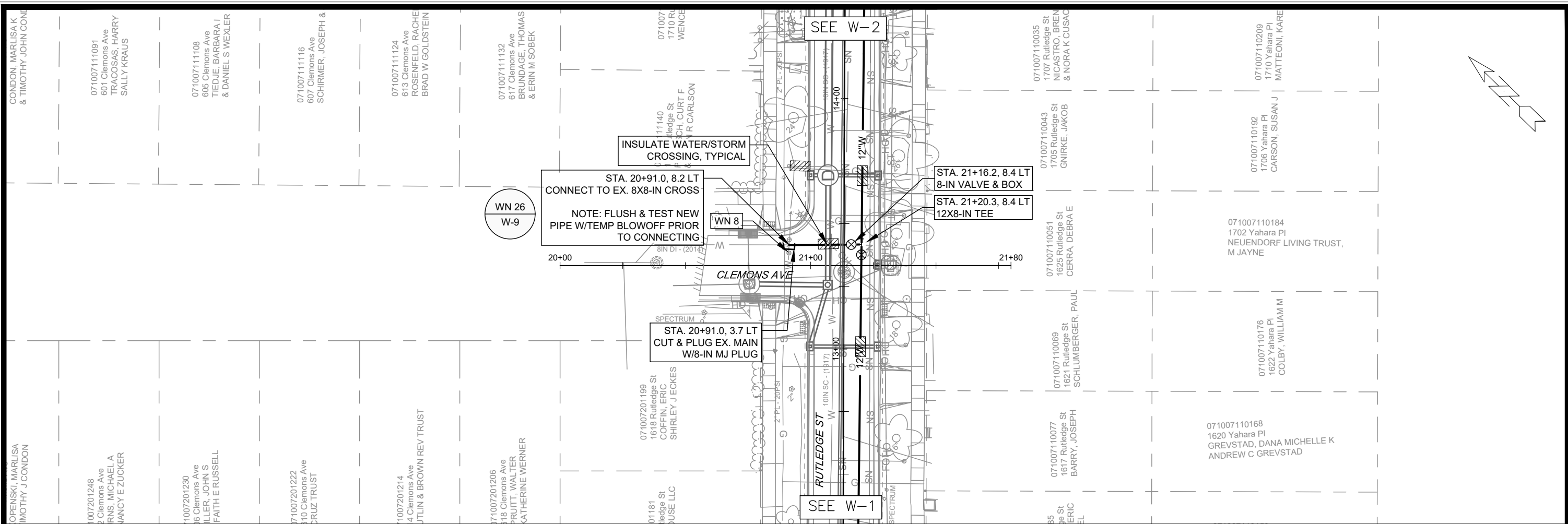
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- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

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MADISON, WI
8742
CONTRACT NO:

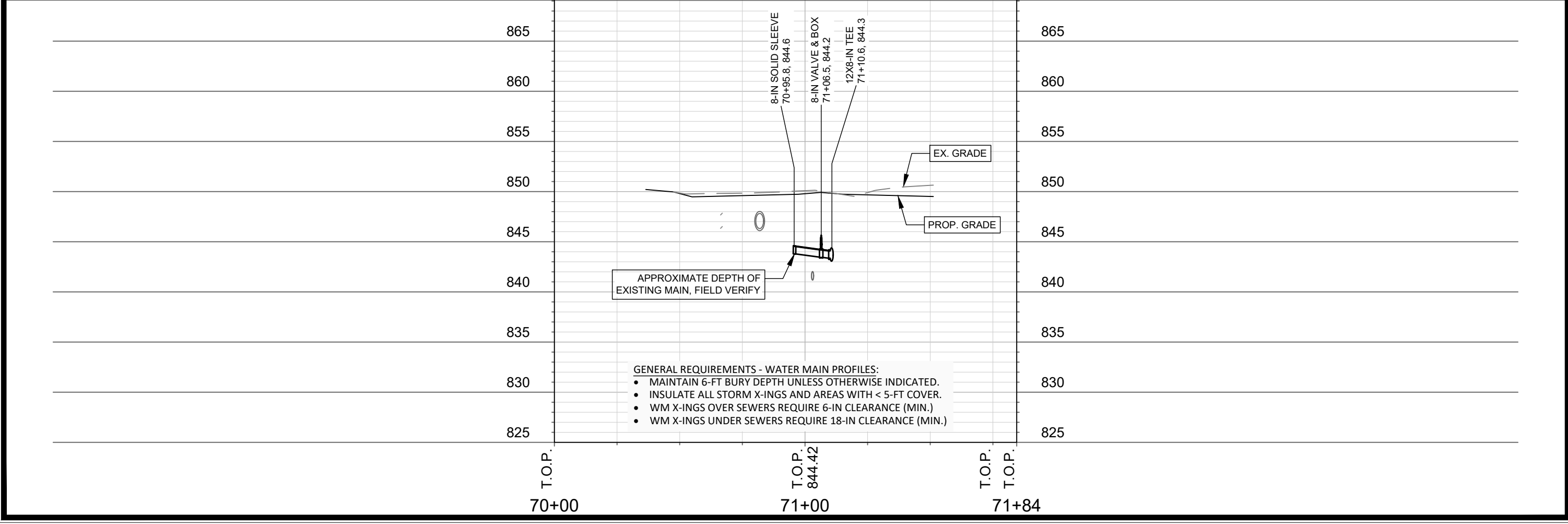
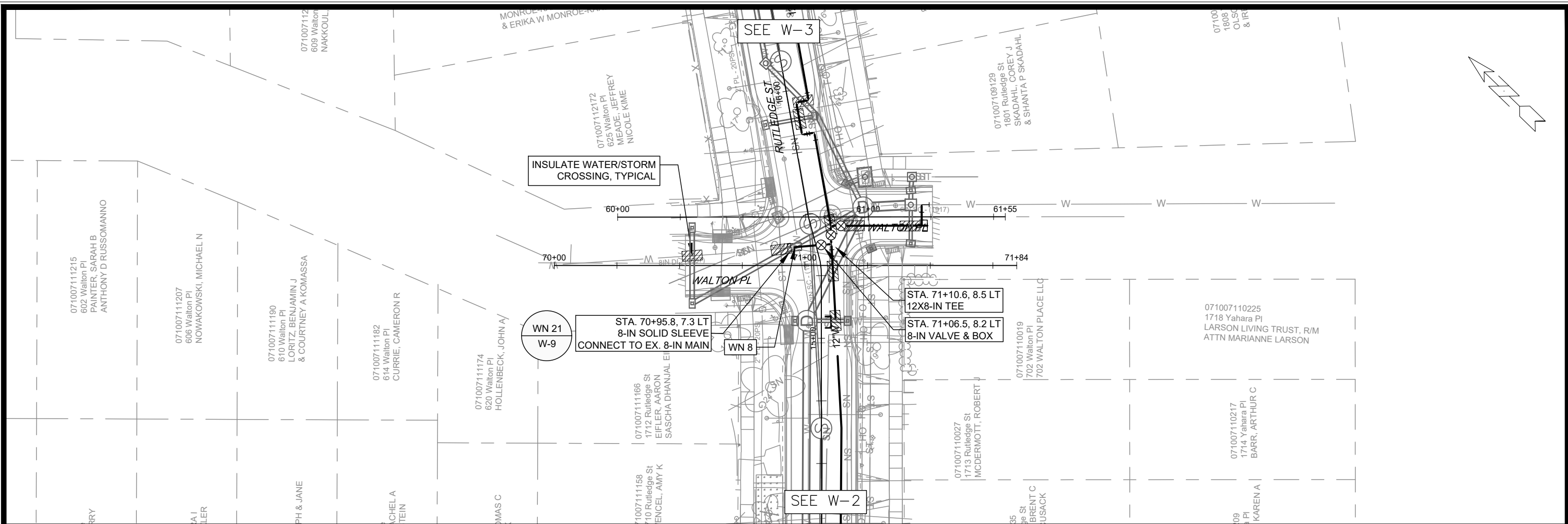
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RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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W-3



- 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.)

14076 W-4	14076 8742 CONTRACT NO.:
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WATER PLAN AND PROFILE - WALTON PLACE SOUTH		MADISON, WI									
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024		CONTRACT NO: 8742									
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UPADHYAY-CHAMPION LIV TR

071007112164
609 Walton Pl
NAKKOUL, NANCY D

071007112180
1806 Rutledge St
MONROE-KANE, CHARLES
& ERIKA W MONROE-KANE

SEE W-3

071007109111
1805 Rutledge St
VANDER ZANDEN, M JAKE
& HELEN C SARAKINOS

071007109145
1808 Yahara Pl
OLSON, JOHN J
& IRENE M OLSON

07100711215
602 Walton Pl
PAINTER, SARAH B
ANTHONY D RUSSOMANNO

07100711207
606 Walton Pl
NOWAKOWSKI, MICHAEL N

07100711190
610 Walton Pl
LORTZ, BENJAMIN J
& COURTNEY A KOMASSA

07100711182
614 Walton Pl
CURRIE, CAMERON R

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620 Walton Pl
HOLLENBECK, JOHN A

07100711166
1712 Rutledge St
EIFLER, AARON
SASCHA DHANJAL EIFLER

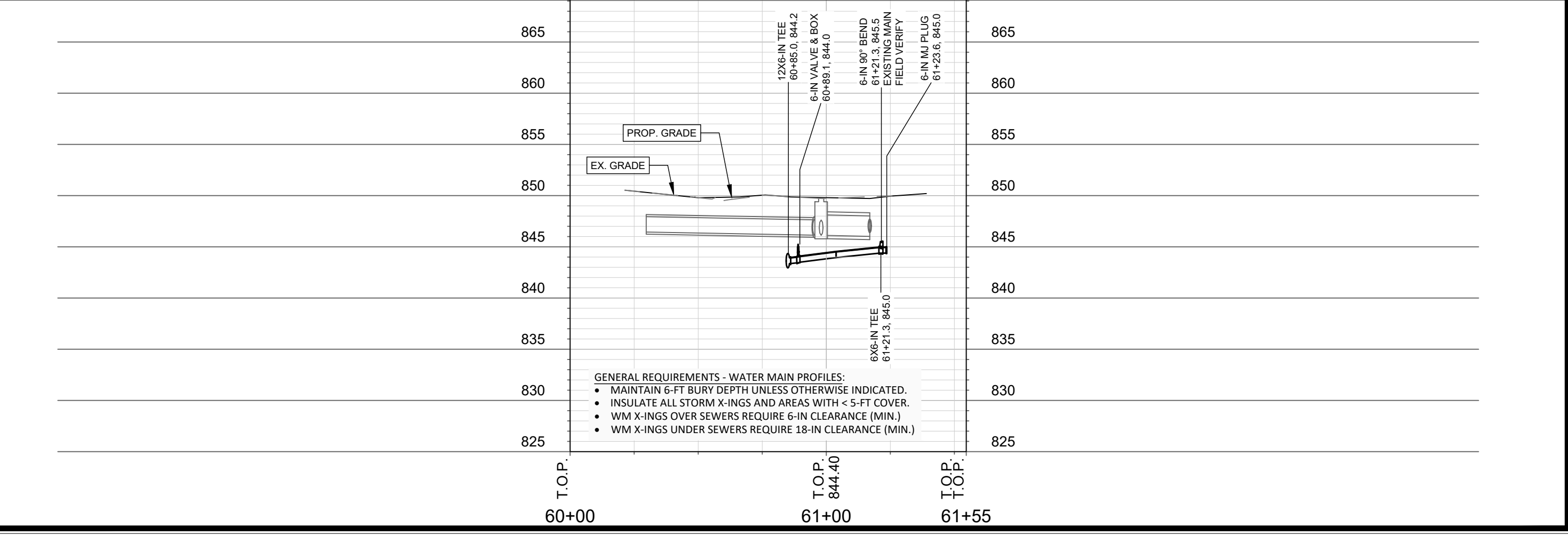
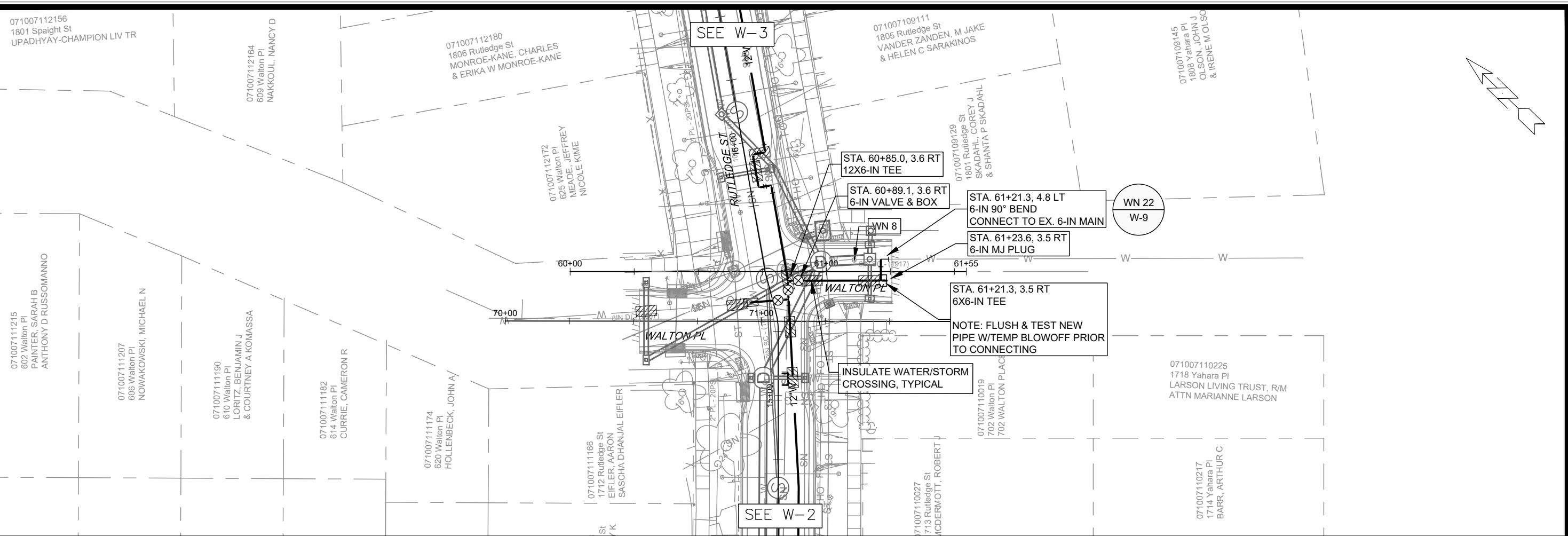
SEE W-2

071007110027
713 Rutledge St
MODERMOTT, ROBERT J

071007110019
702 Walton Pl
702 WALTON PLACE

071007110225
1718 Yahara Pl
LARSON LIVING TRUST, R/M
ATTN MARIANNE LARSON

071007110217
1714 Yahara Pl
BARR, ARTHUR C



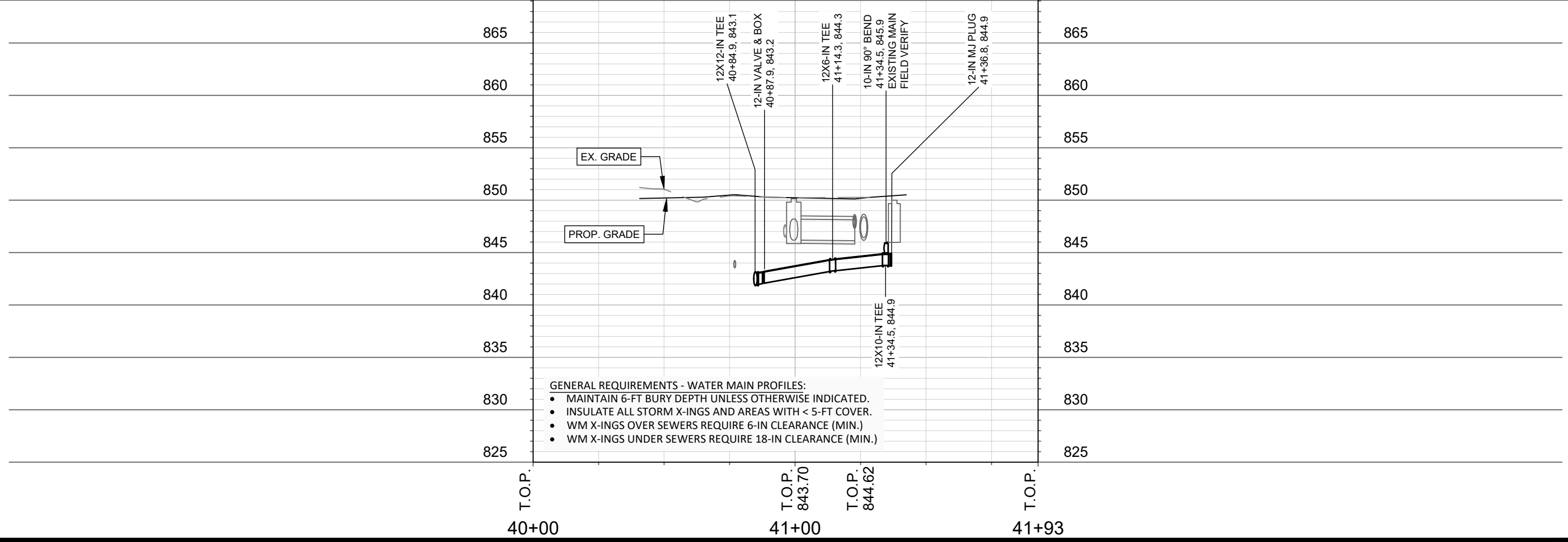
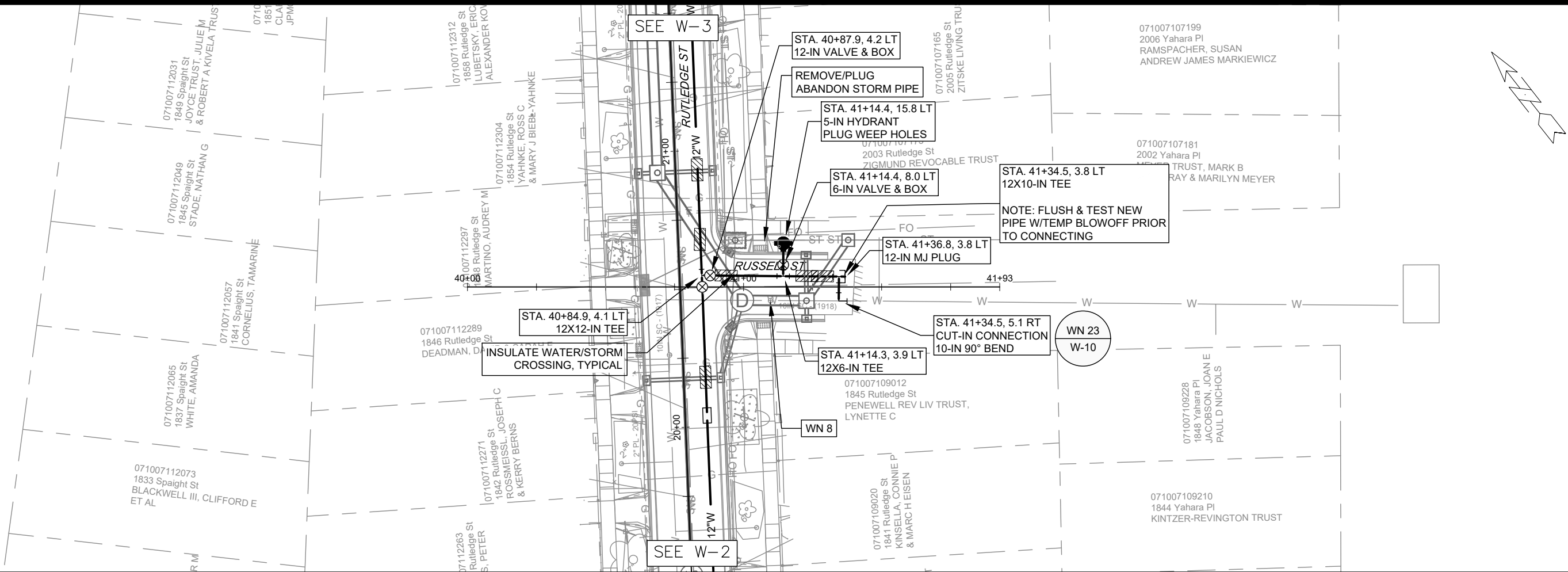
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MADISON, WI
8742
CONTRACT NO:

WATER PLAN AND PROFILE - WALTON PLACE NORTH
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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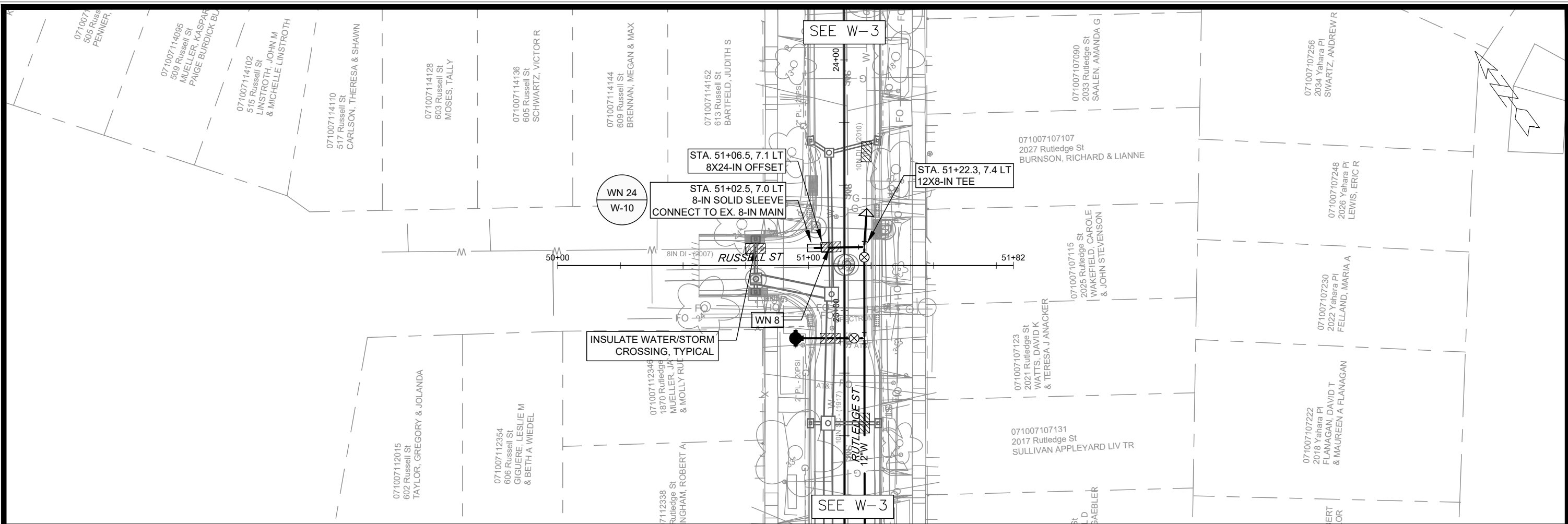


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W-6



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
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 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

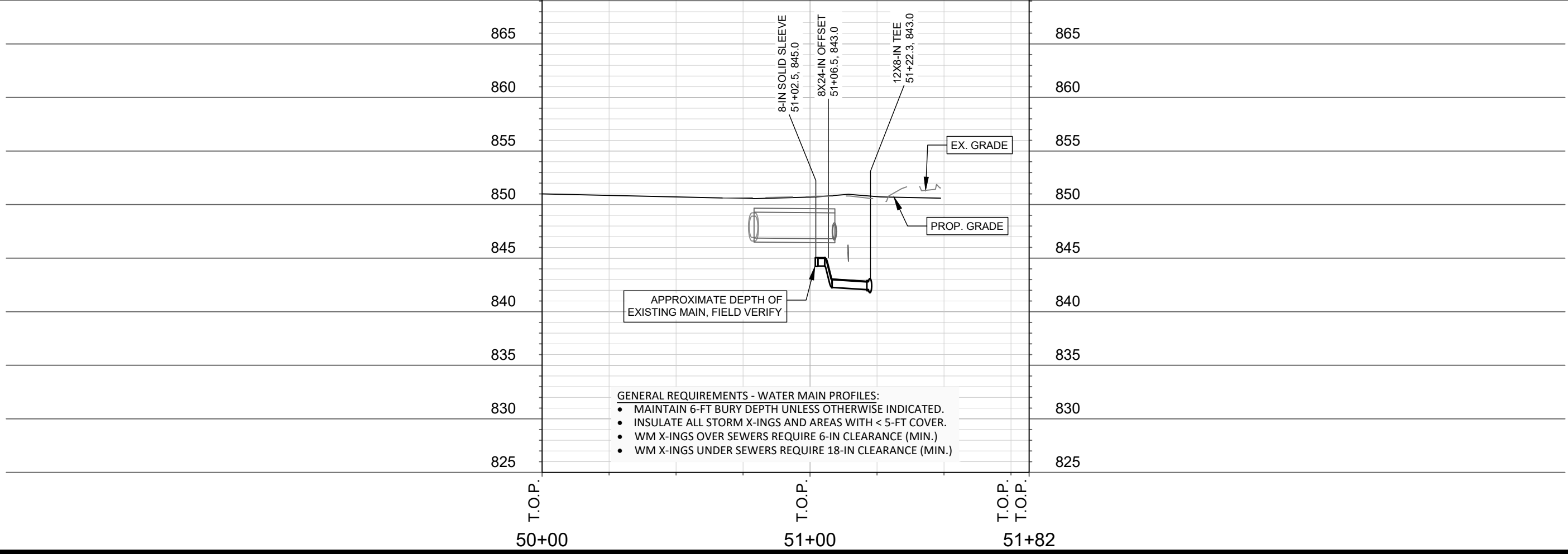
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MADISON, WI		MADISON, WI	
CONTRACT NO: 8742		CONTRACT NO: 8742	
WATER PLAN AND PROFILE - RUSSELL ST SOUTH		RUTLEDGE STREET ASSESSMENT DISTRICT - 2024	
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W-7		W-7	
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INSULATE WATER/STORM CROSSING, TYPICAL

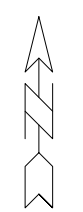
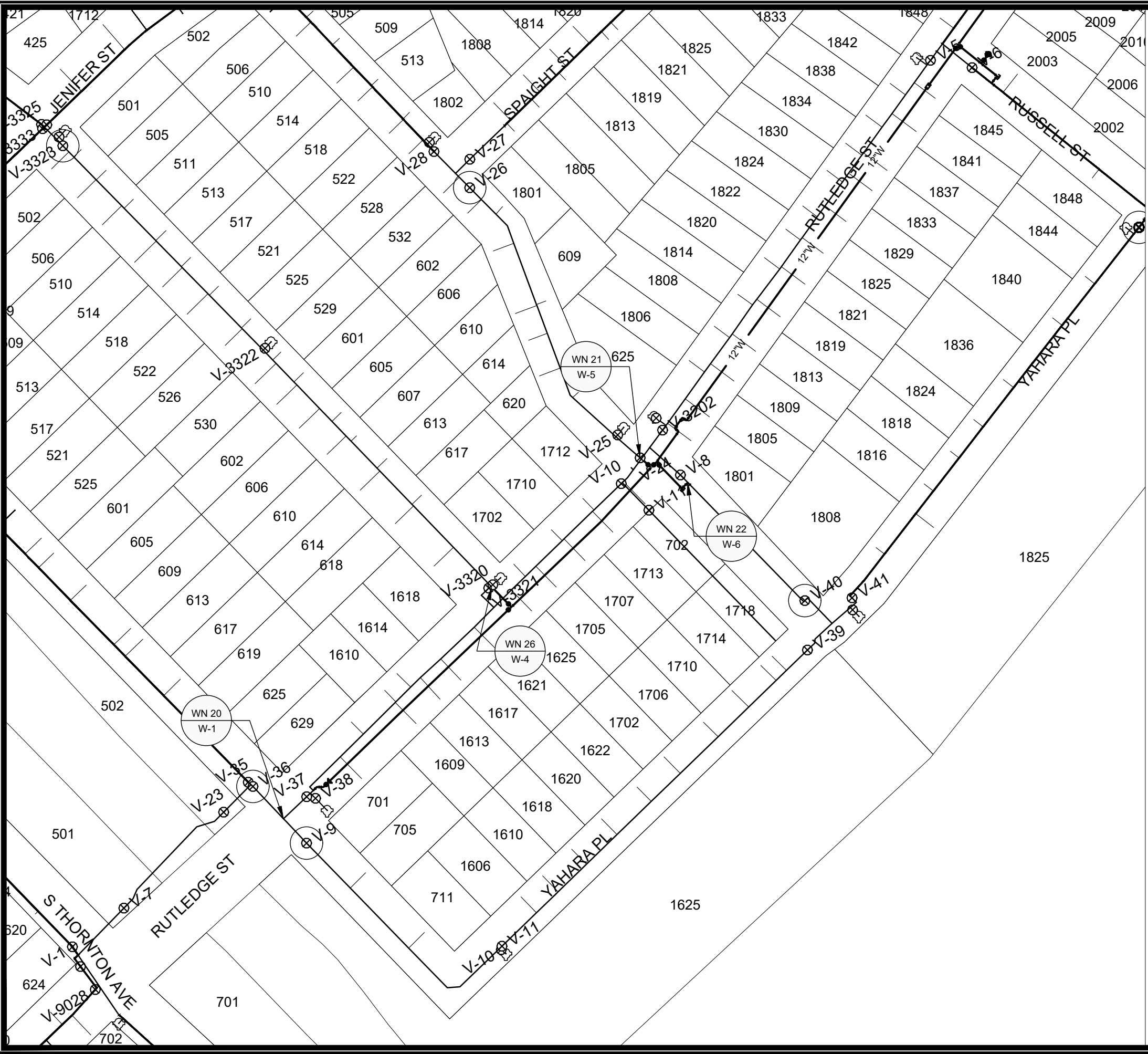
SEE W-3

SEE W-3



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
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14076 W-8	14076 8742 CONTRACT NO.:
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MADISON, WI	14076
DATE 2024	BY W-8
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1" = 100'

WN20: CUT-IN CONNECTION
RIVERSIDE DRIVE AT RUTLEDGE ST

- ISOLATION VALVES:
- V-9 (8-IN)
 - V-36 (10-IN)

WN21: CUT-IN CONNECTION
WALTON PLACE (SOUTH) AT RUTLEDGE ST

- ISOLATION VALVES:
- V-26 (8-IN)

NOTIFY:

- WALTON PLACE: 602, 606, 610, 614, 620, 609, 625
- 1801 SPAIGHT ST

WN22: CUT-IN CONNECTION
WALTON PLACE (NORTH) AT RUTLEDGE ST

- ISOLATION VALVES:
- V-40 (6-IN)

WN26: CUT-IN CONNECTION
CLEMONS AVE AT RUTLEDGE ST

- ISOLATION VALVES:
- V-3323 (8-IN)

NOTIFY:

- CLEMONS AVE: 501, 505, 511, 513, 517, 521, 525, 529, 601, 605, 607, 613, 617, 502, 506, 510, 514, 518, 522, 526, 530, 602, 606, 610, 614, 618
- 1618 RUTLEDGE 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.

SCALE: 1" = 100'
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 6/6/24

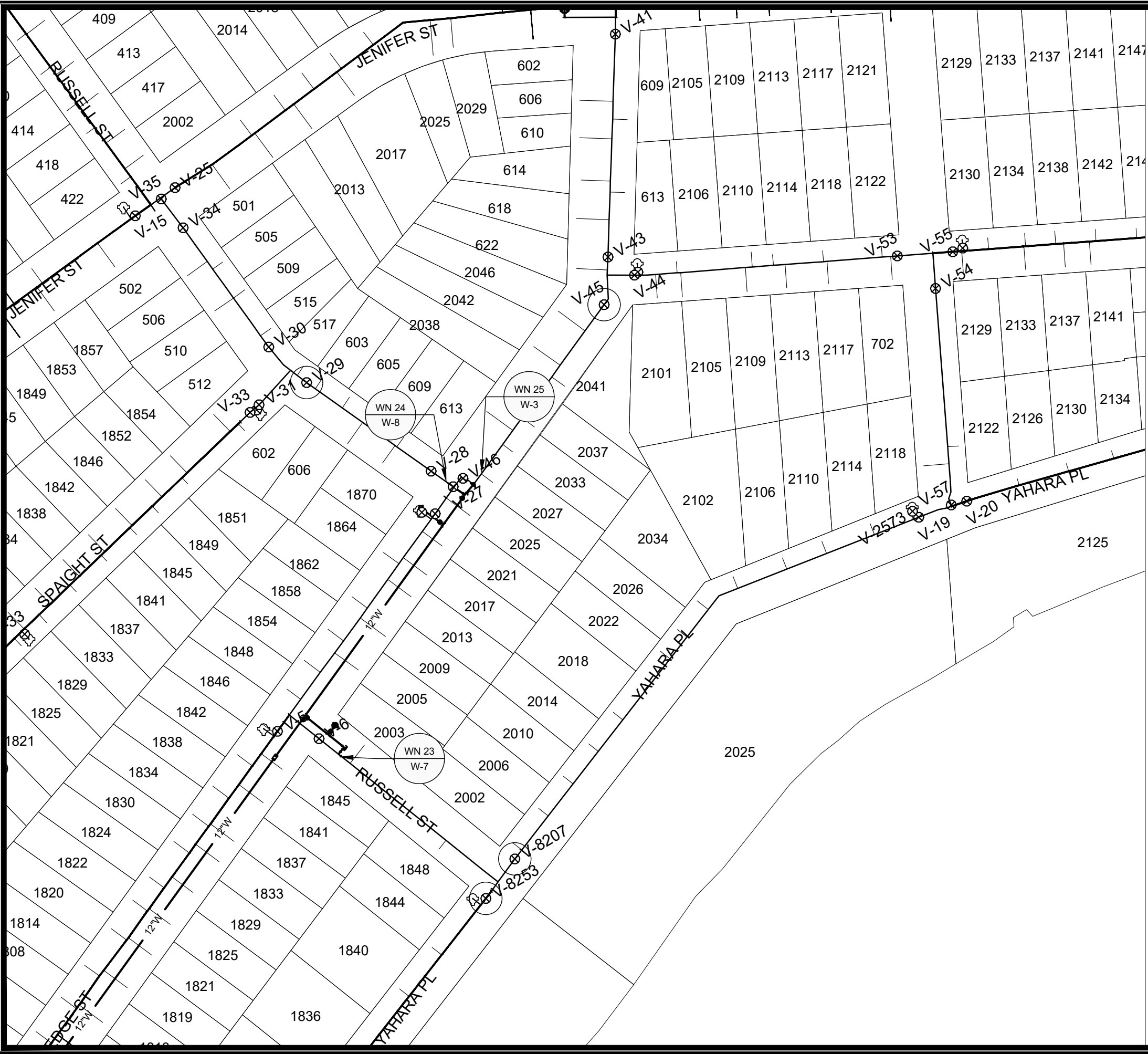
CONTRACT NO: 8742

RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
WATER IMPACT PLAN
CITY OF MADISON, WISCONSIN



14076
W-9

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1" = 100'



WN23: CUT-IN CONNECTION
RUSSELL ST (SOUTH) AT RUTLEDGE ST

- ISOLATION VALVES:
- V-8207 (10-IN)
 - V-8253 (6-IN)

- NOTIFY:
- 2003 RUTLEDGE ST
 - 2002 YAHARA PLACE

WN24: CUT-IN CONNECTION
RUSSELL ST (NORTH) AT RUTLEDGE ST

- ISOLATION VALVES:
- V-29 (8-IN)

- NOTIFY:
- RUSSELL ST: 603, 605, 606, 609
 - 1870 RUTLEDGE ST

WN25: CUT-IN CONNECTION
DIVISION ST/LAKELAND AVE AT RUTLEDGE ST

- ISOLATION VALVES:
- V-45 (10-IN)

- NOTIFY:
- RUTLEDGE ST: 2046, 2042, 2038, 613, 2027, 2033, 2037, 2041

DISCLAIMER NOTE:
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SCALE: 1" = 100'
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 6/6/24

CONTRACT NO: 8742

RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
WATER IMPACT PLAN
CITY OF MADISON, WISCONSIN



14076
W-10



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.

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

PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	88	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	63	LNFT
70004	FURNISH AND INSTALL 10-INCH PIPE & FITTINGS	26	LNFT
70005	FURNISH AND INSTALL 12-INCH PIPE & FITTINGS	1412	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	2	EACH
70033	FURNISH AND INSTALL 10-INCH WATER VALVE	1	EACH
70034	FURNISH AND INSTALL 12-INCH WATER VALVE	5	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	2	EACH
70053	REPLACE 1-INCH COPPER SERVICE LATERAL	9	EACH
70056	RECONNECT 1-INCH SERVICE LATERAL	40	EACH
70090	ABANDON WATER VALVE BOX	12	EACH
70101	FURNISH AND INSTALL STYROFOAM	27	EACH
71000	4-IN MJ CAP	1	EACH
71013	6-IN MJ PLUG	1	EACH
71014	8-IN MJ PLUG	1	EACH
71015	10-IN MJ PLUG	1	EACH
71016	12-IN MJ PLUG	1	EACH
71026	8-IN SOLID SLEEVE	2	EACH
71110	6-IN 90° BEND	1	EACH
71112	10-IN 90° BEND	1	EACH
71124	10-IN 45° BEND	2	EACH
71113	12-IN 90° BEND	4	EACH
71166	12X10-IN REDUCER	2	EACH
71208	6X6-IN TEE	1	EACH
71217	12X6-IN TEE	3	EACH
71218	12X8-IN TEE	3	EACH
71219	12X10-IN TEE	1	EACH
71220	12X12-IN TEE	1	EACH
71342	8X24-IN OFFSET	1	EACH
71346	12X24-IN OFFSET	1	EACH

***ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:**
N/A

***ESTIMATE OF MATERIALS SALVAGED:**

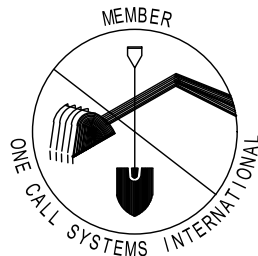
HYDRANT	3	EACH
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* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

- 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.

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.



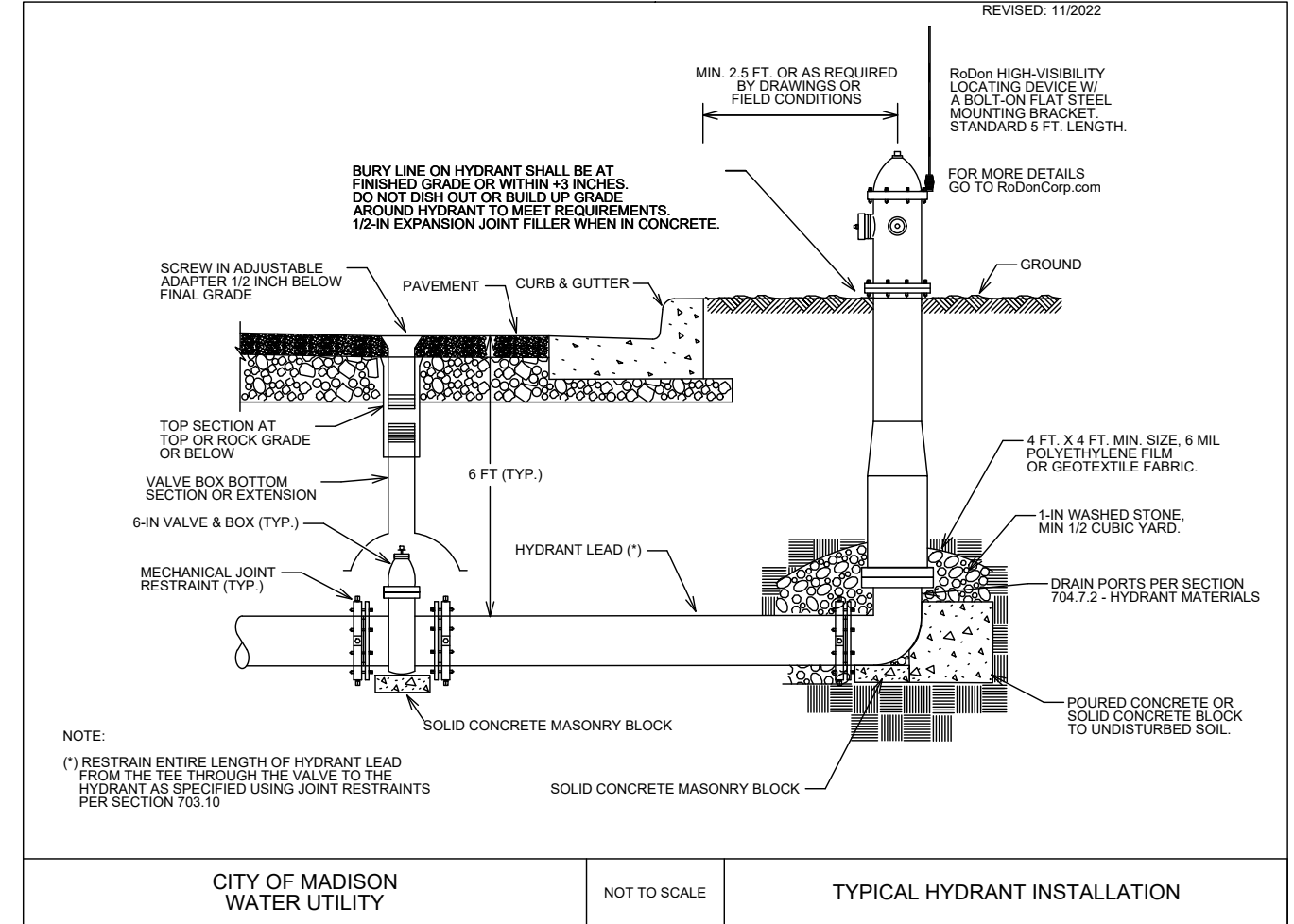
DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

WATER UTILITY ULO SCHEDULE

ULO #1	UTILITY WATER	STATION 23+44.4	OFFSET 9.1RT	SHEET W-3
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PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
REVISED: 11/2022



RUTLEDGE STREET ASSESSMENT DISTRICT - 2024

WATER ESTIMATE OF MATERIALS

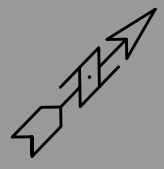
CITY OF MADISON, WISCONSIN



14076
W-11

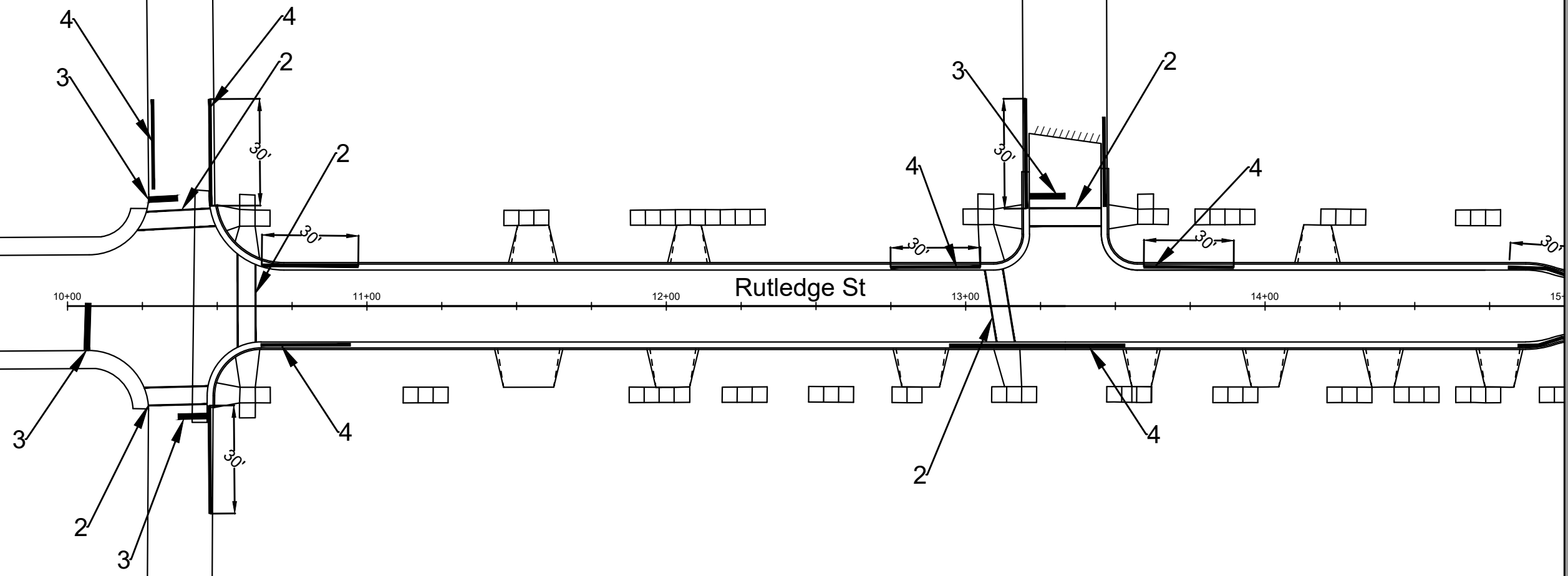
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DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 6/4/24

CONTRACT NO: 8742



Callout	Description
1	Pavement Marking Epoxy, Double Line, Yellow, 4-Inch
2	Pavement Marking Epoxy, Crosswalk, 6-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Curb, Yellow
5	Pavement Marking Epoxy, Speed Hump Arrow (6' x 6')

Contact Jeremy Nash with any questions regarding this plan
 jnash@cityofmadison.com
 608-266-6585



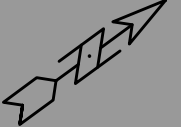
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 MADISON, WI
 8742
 CONTRACT NO:
 RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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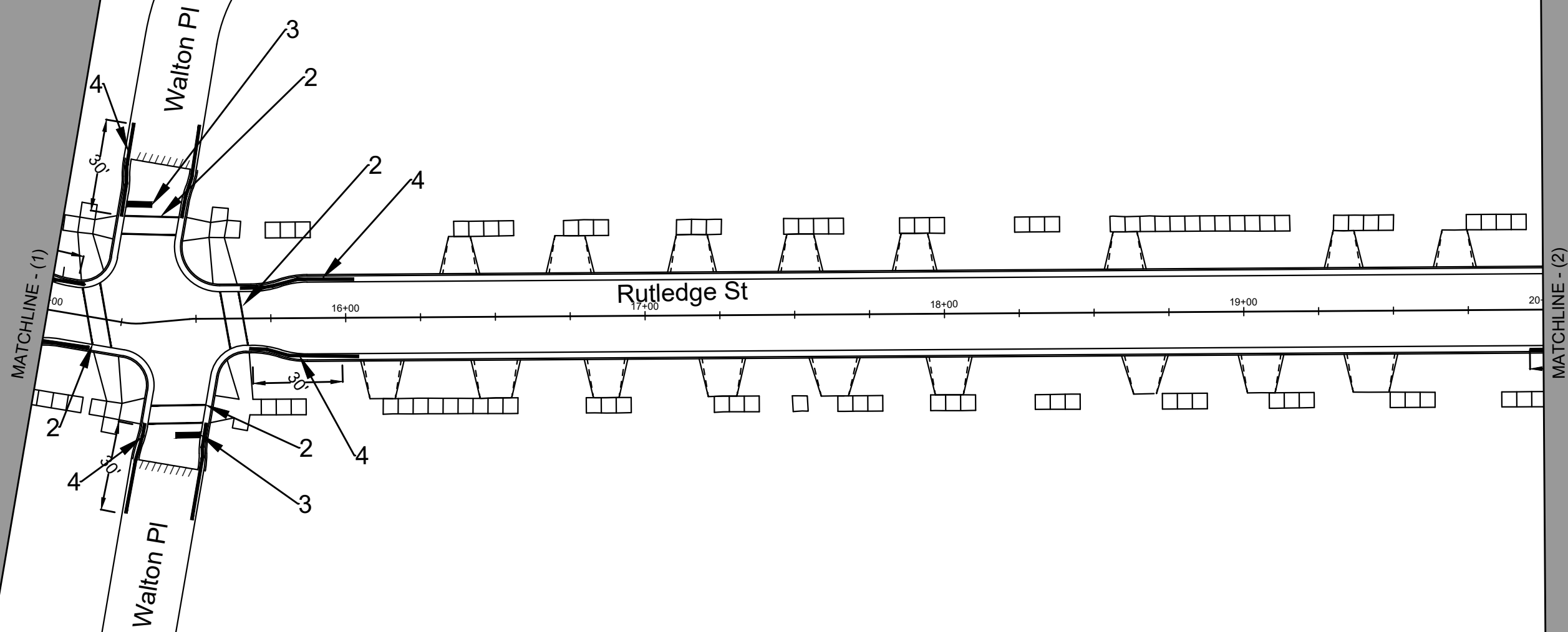


14076
 PM - 1



Callout	Description
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2	Pavement Marking Epoxy, Crosswalk, 6-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
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5	Pavement Marking Epoxy, Speed Hump Arrow (6' x 6')

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 608-266-6585



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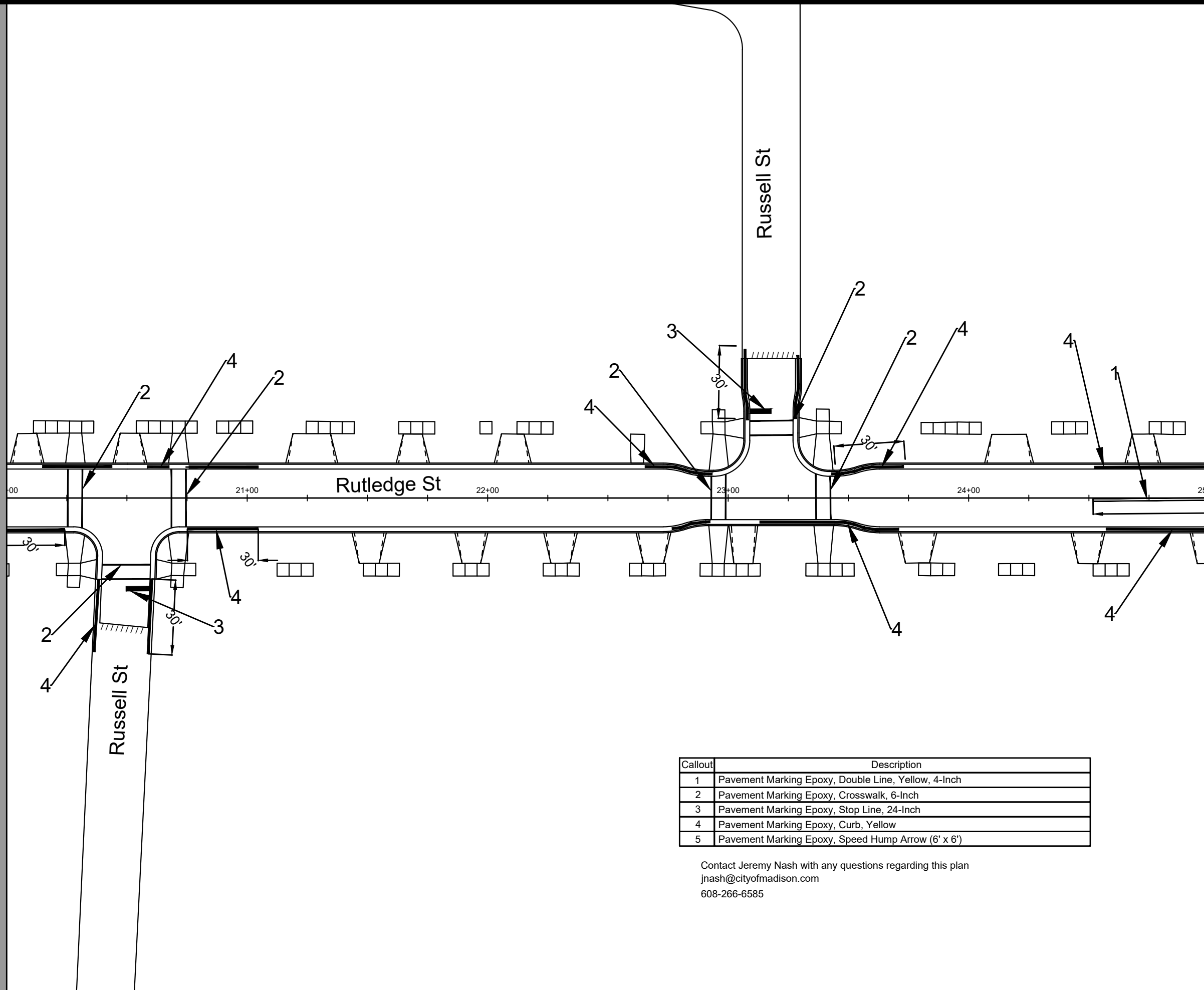
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 MADISON, WI
 8742
 CONTRACT NO:
 PAVEMENT MARKING
 RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
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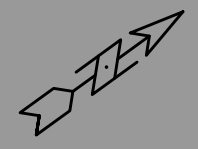
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MATCHLINE - (3)



Callout	Description
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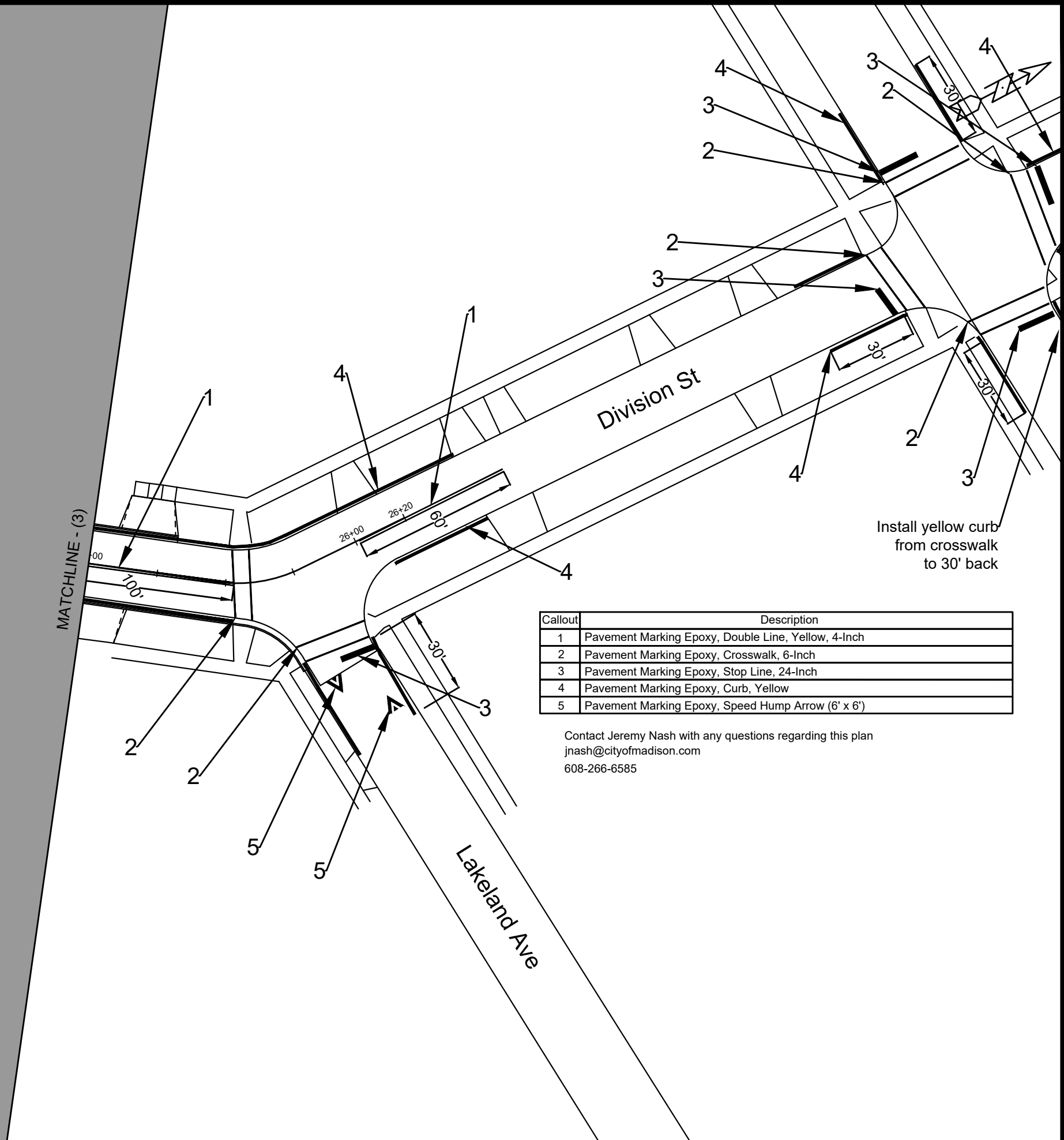
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 MADISON, WI
 8742
 CONTRACT NO:
 RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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14076
 PM - 3

MATCHLINE - (3)



Callout	Description
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2	Pavement Marking Epoxy, Crosswalk, 6-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Curb, Yellow
5	Pavement Marking Epoxy, Speed Hump Arrow (6' x 6')

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 jnash@cityofmadison.com
 608-266-6585

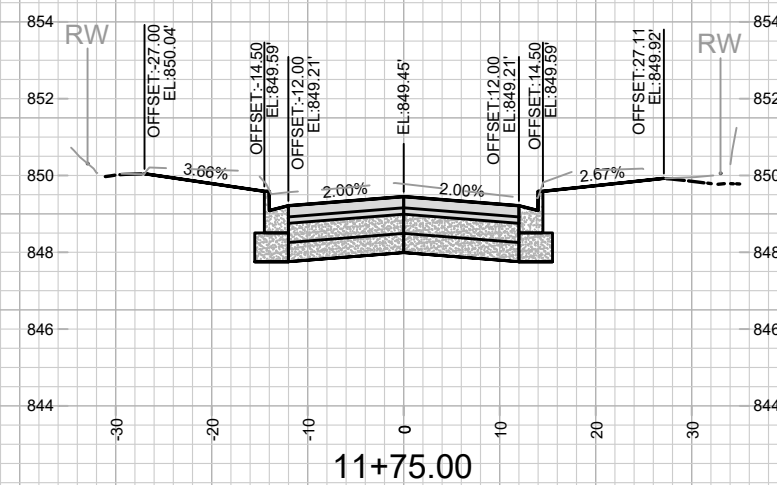
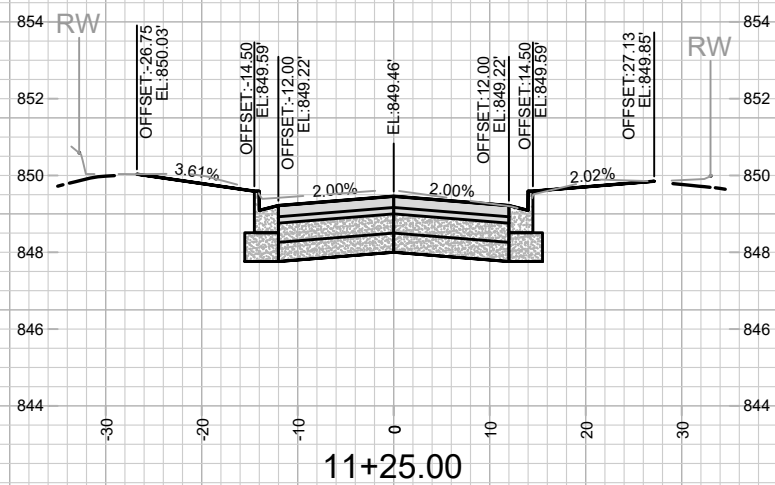
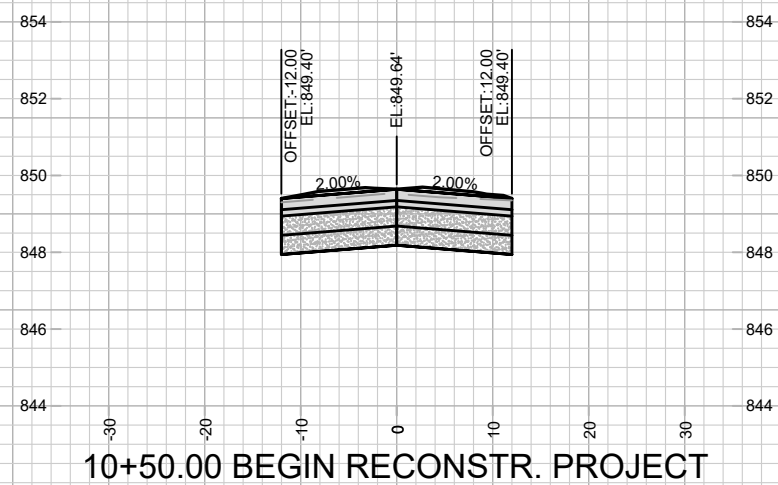
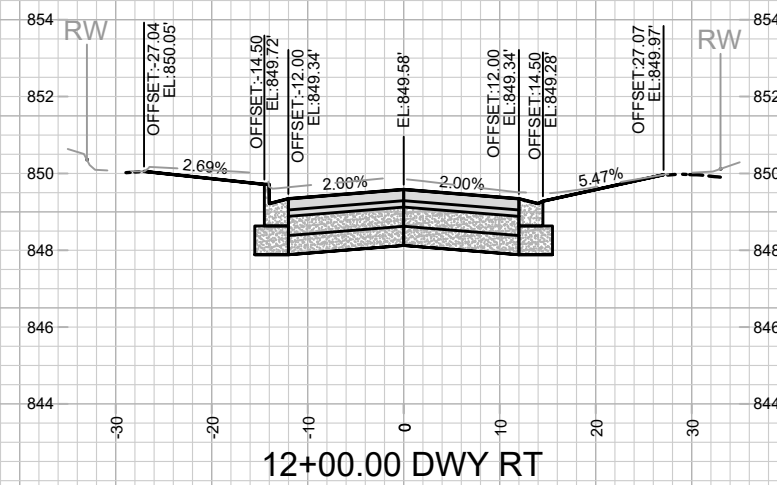
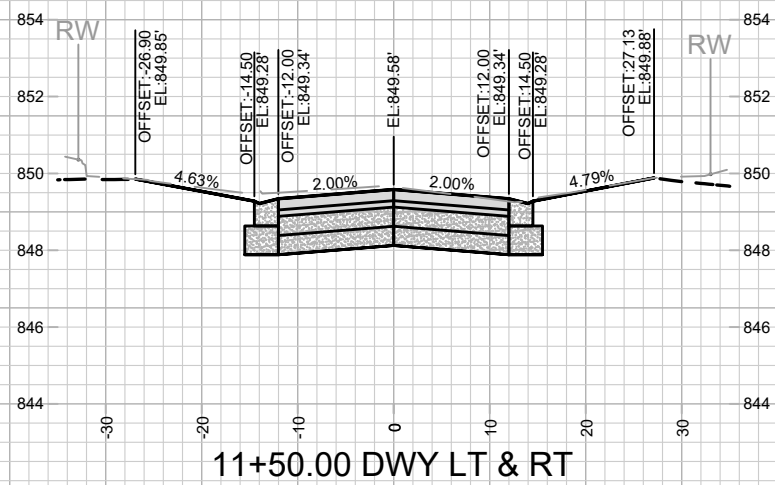
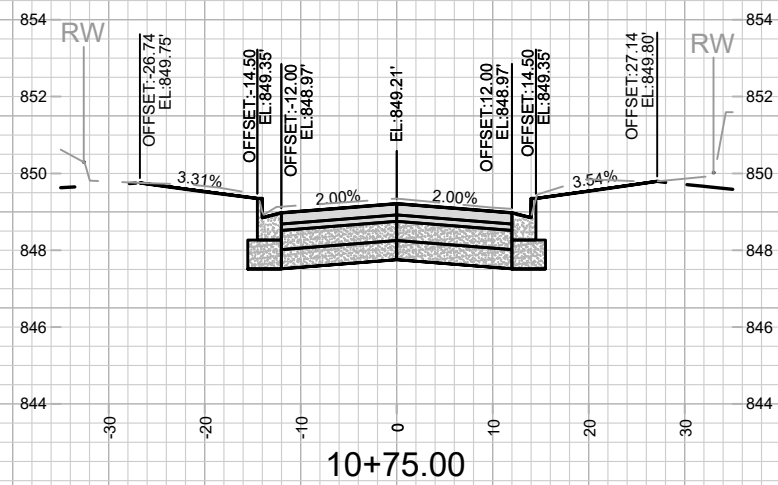
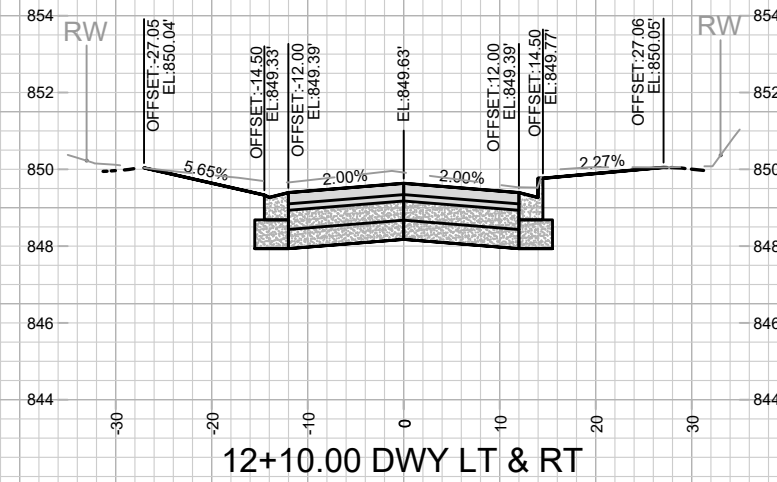
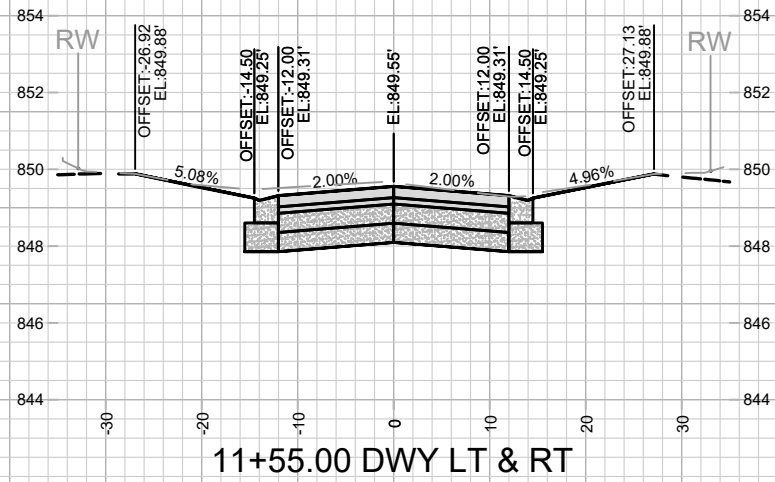
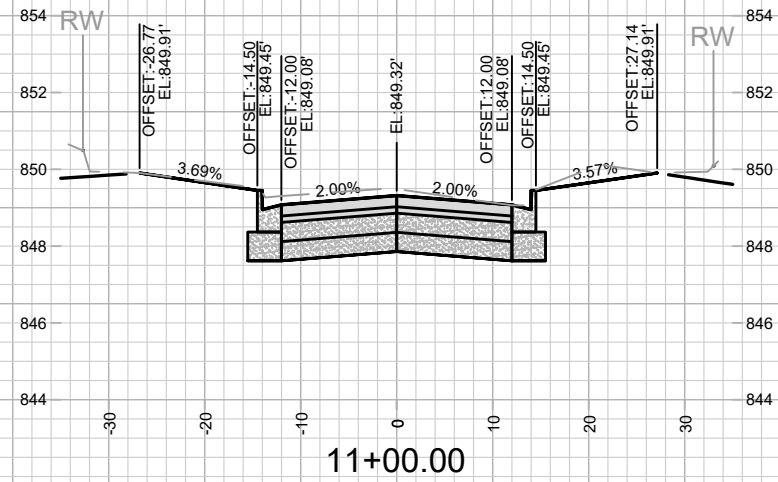
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14076
 MADISON, WI
 CONTRACT NO: 8742

PAVEMENTMARKING
 RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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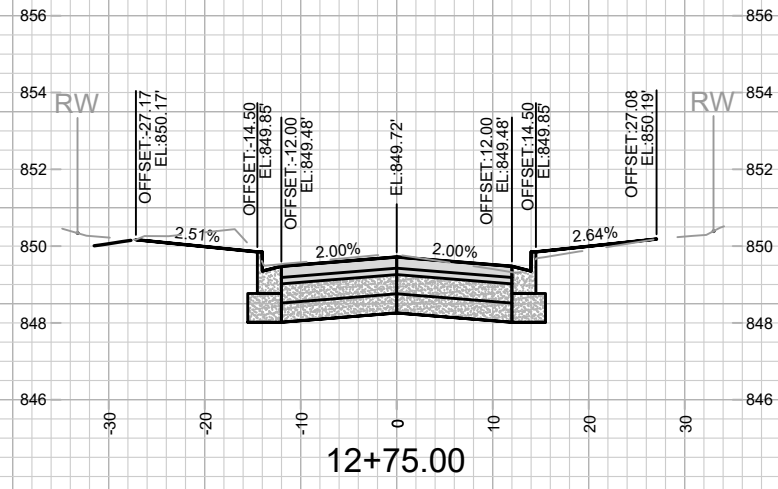
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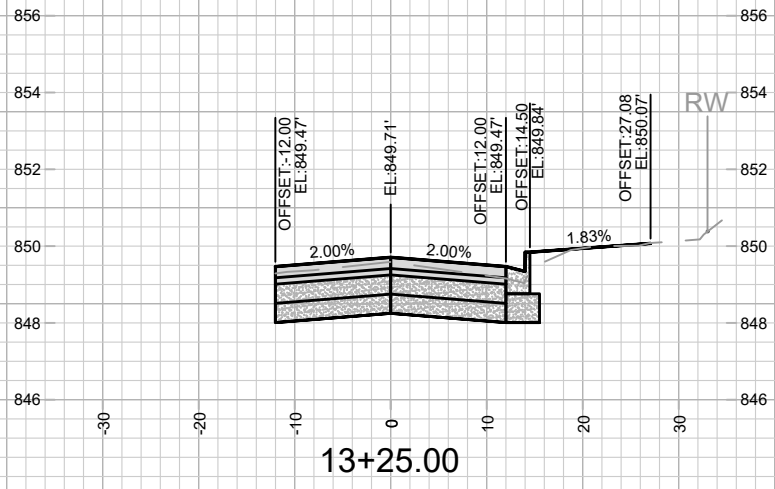
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 MADISON, WI
 CONTRACT NO: 8742
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 RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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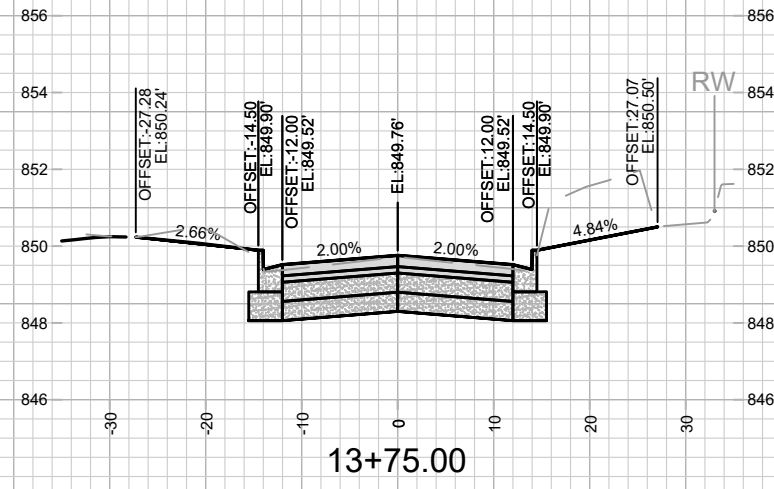




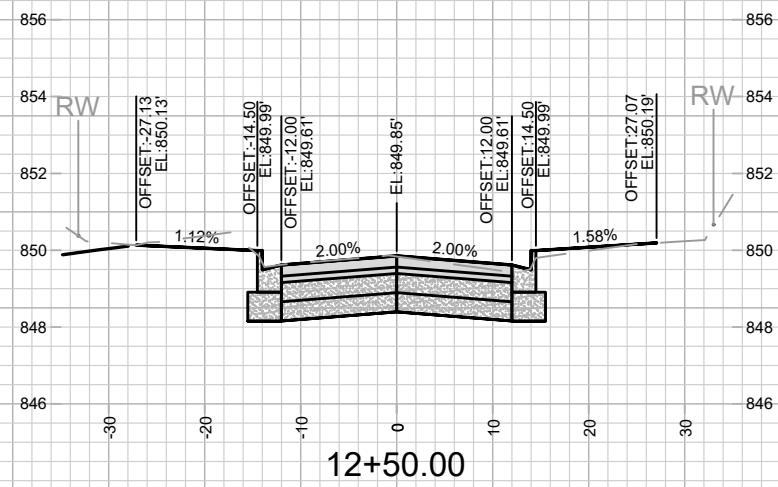
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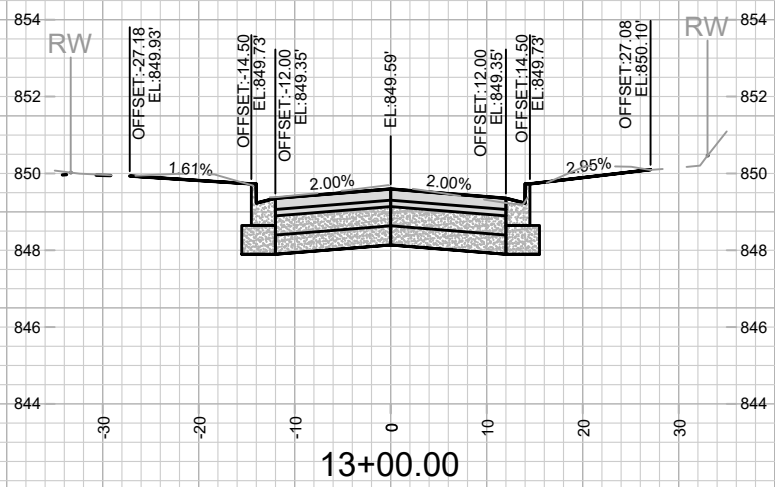
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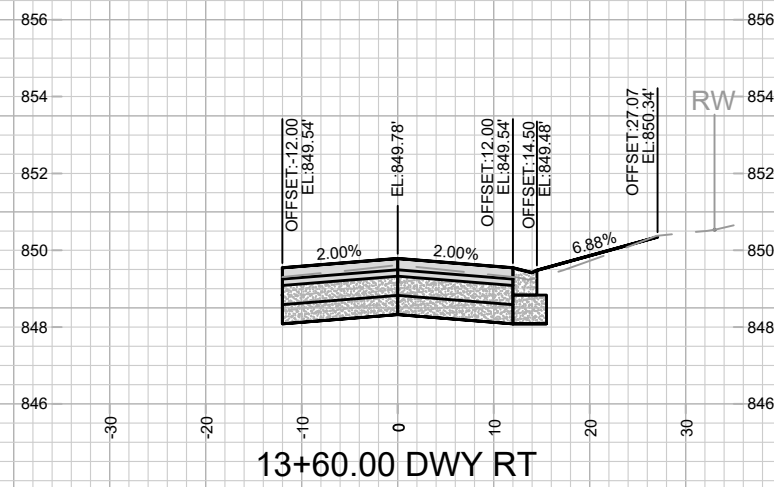
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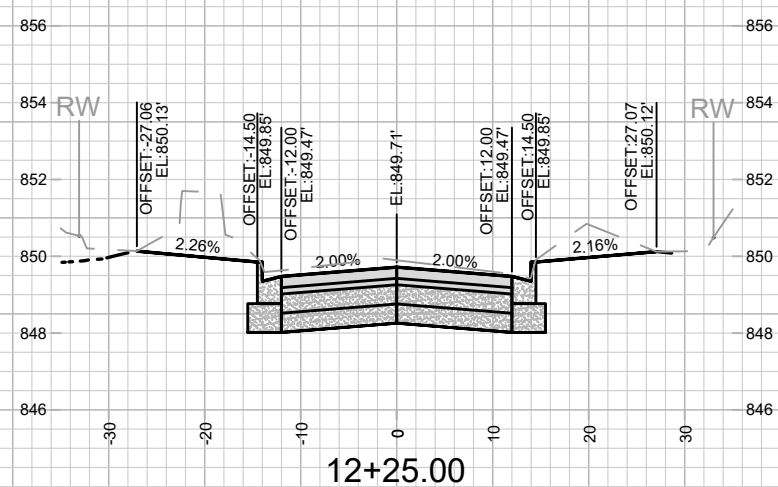
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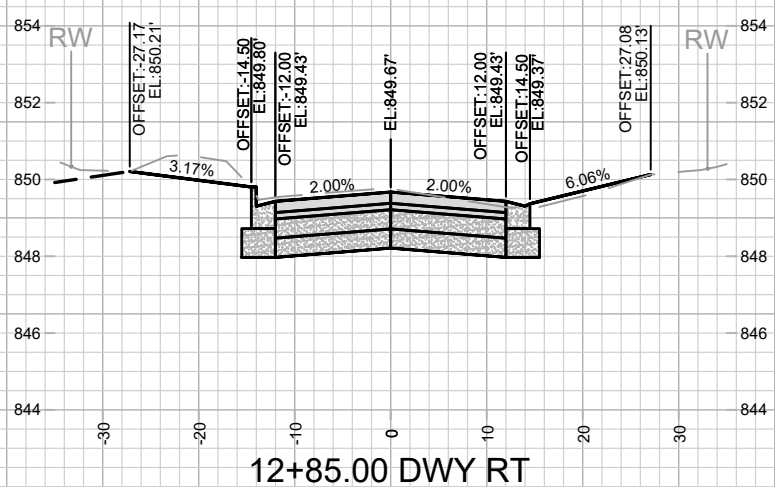
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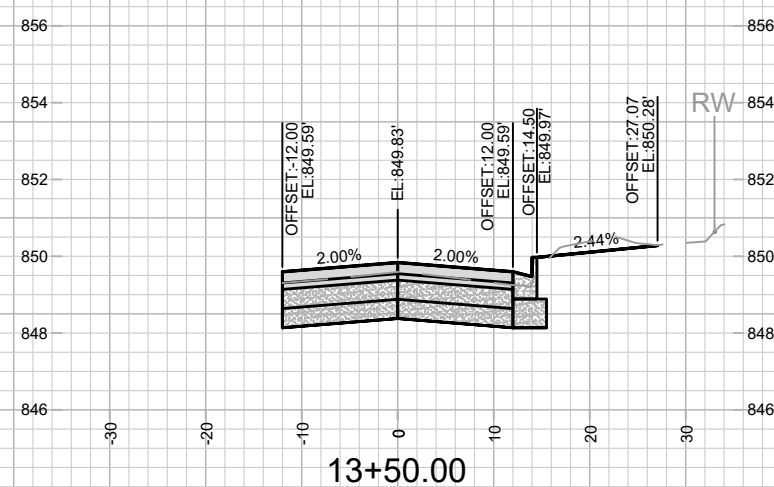
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12+85.00 DWY RT



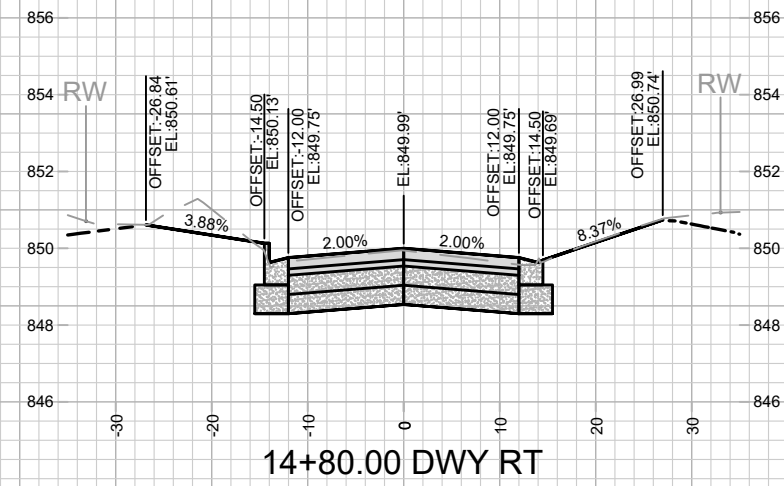
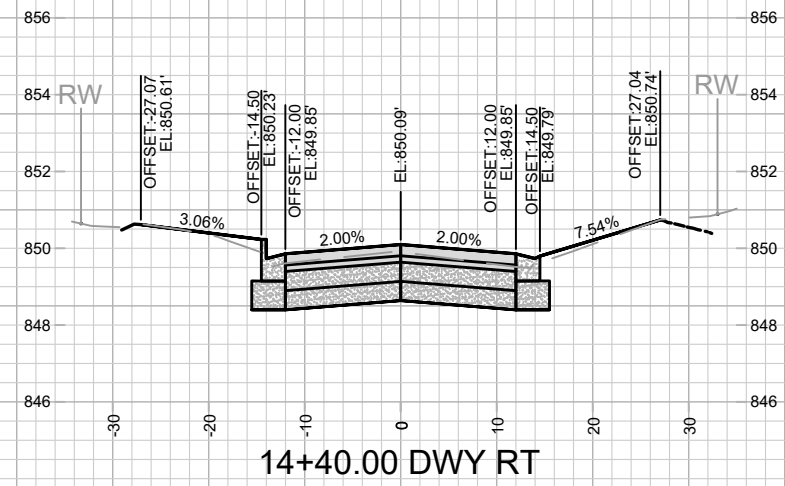
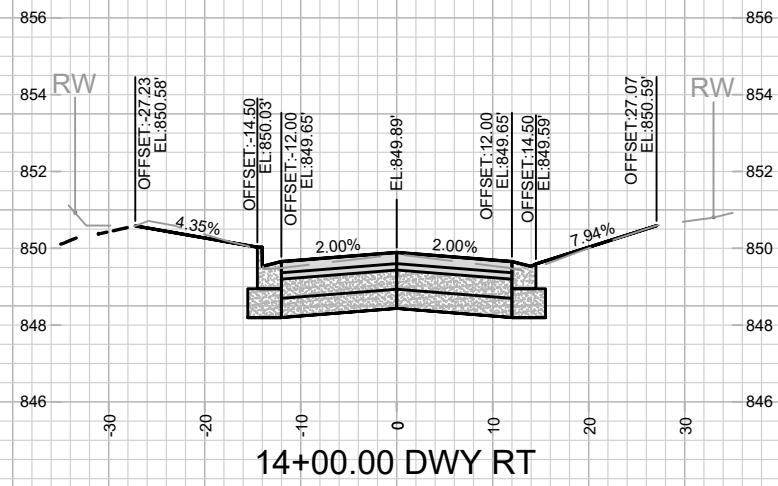
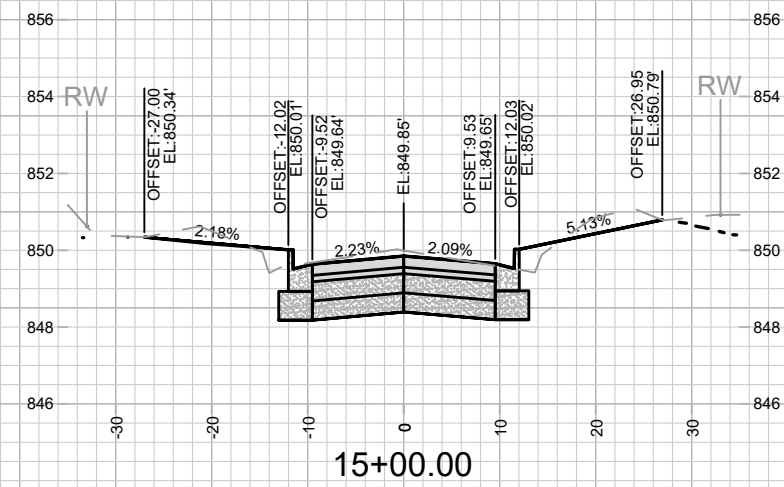
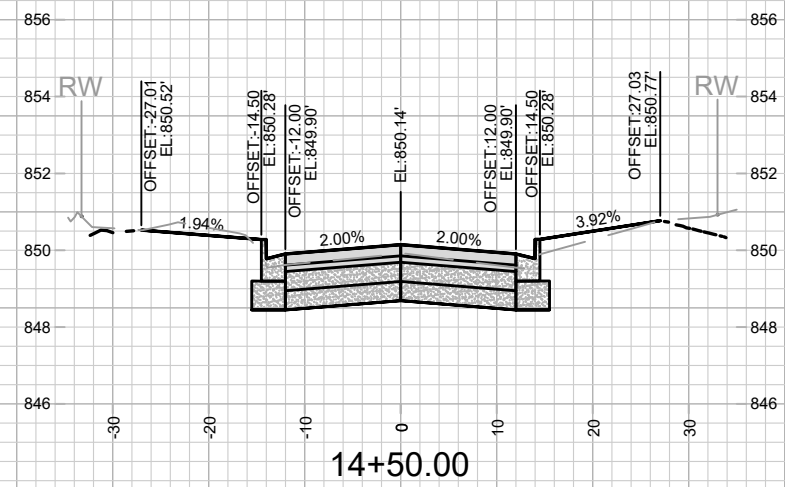
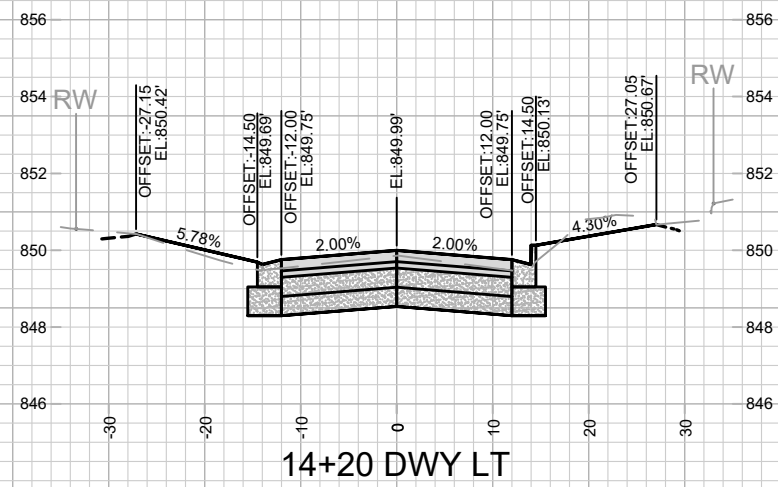
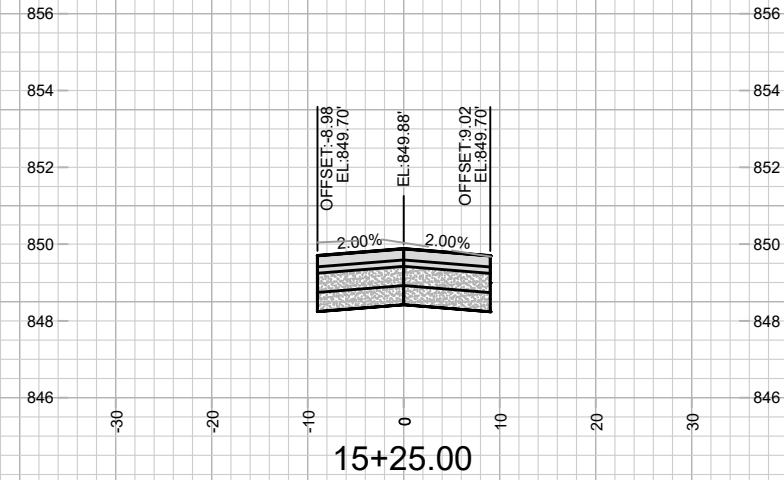
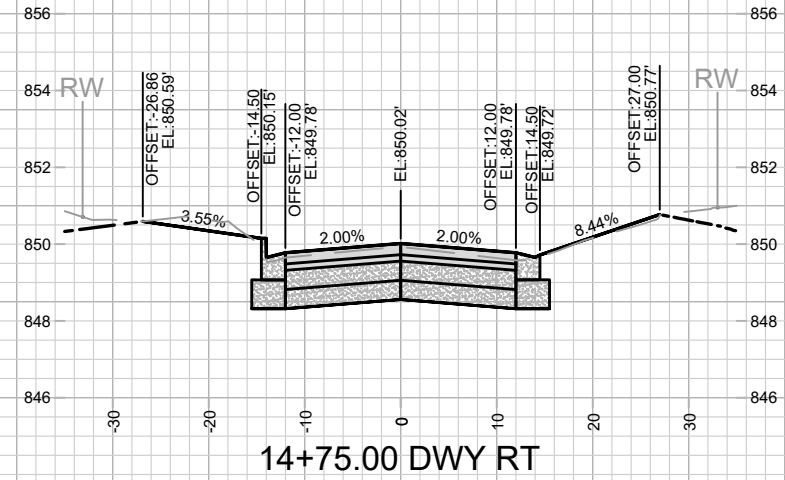
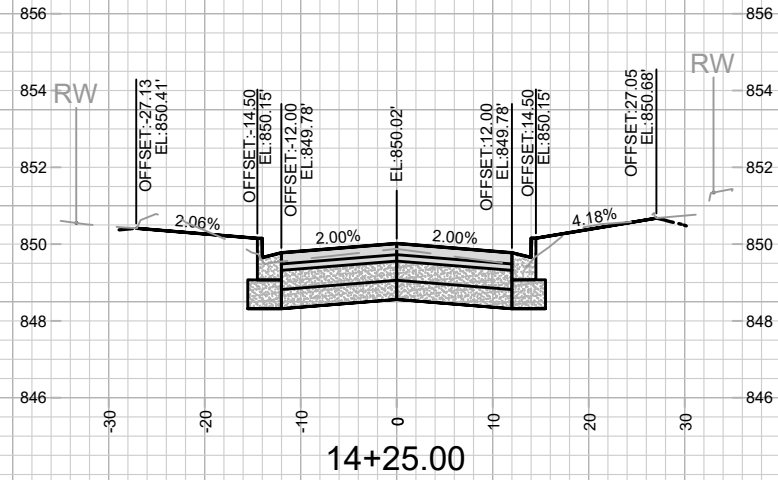
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MARK	REVISION	DATE	BY

14076
MADISON, WI
CONTRACT NO: 8742

CROSS SECTIONS - RUTLEDGE STREET
RUTLEDGE STREET ASSESSMENT DISTRICT - 2024
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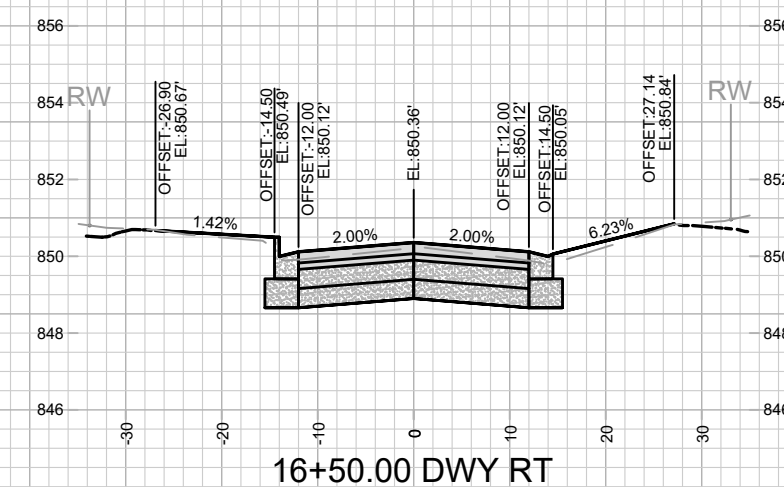
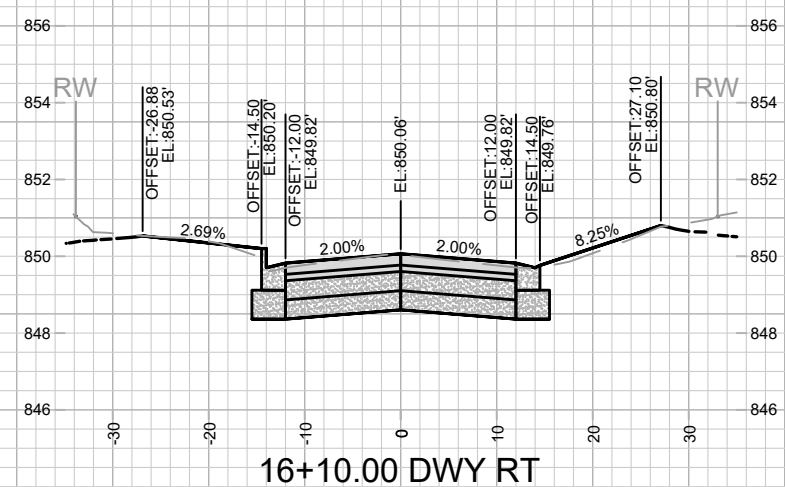
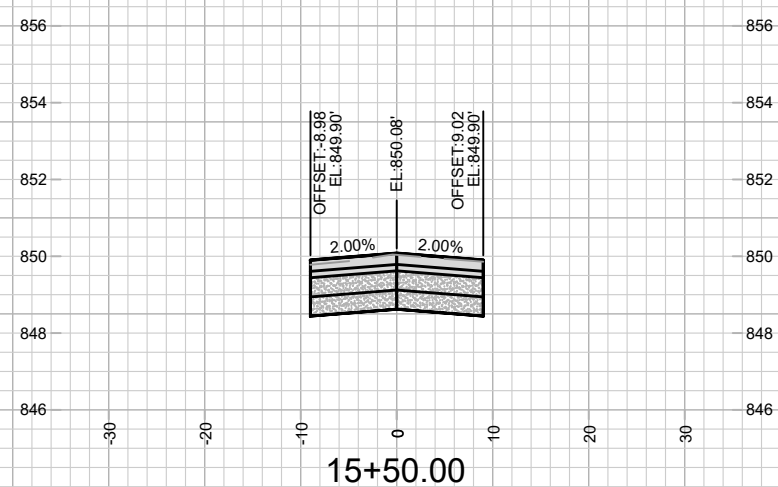
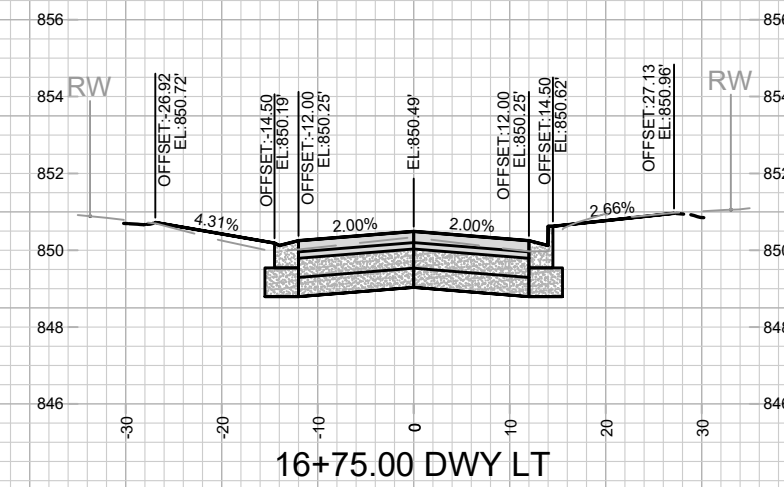
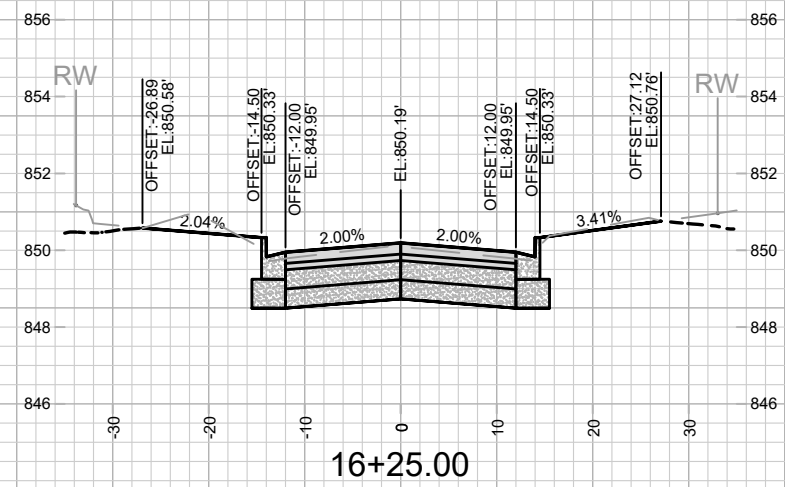
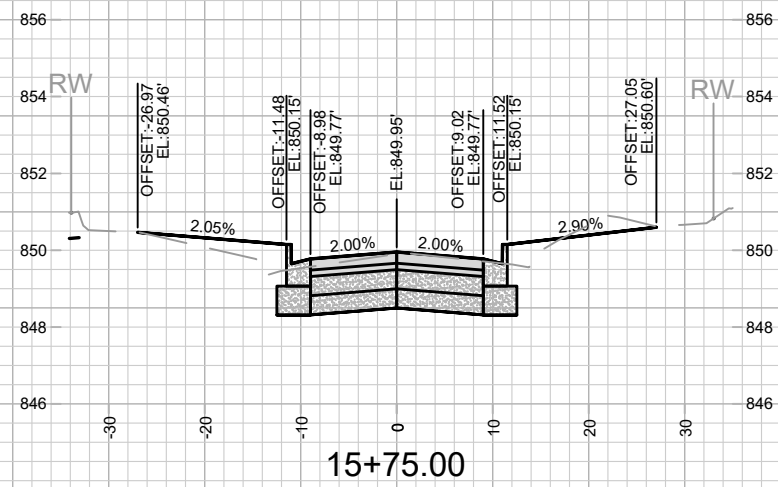
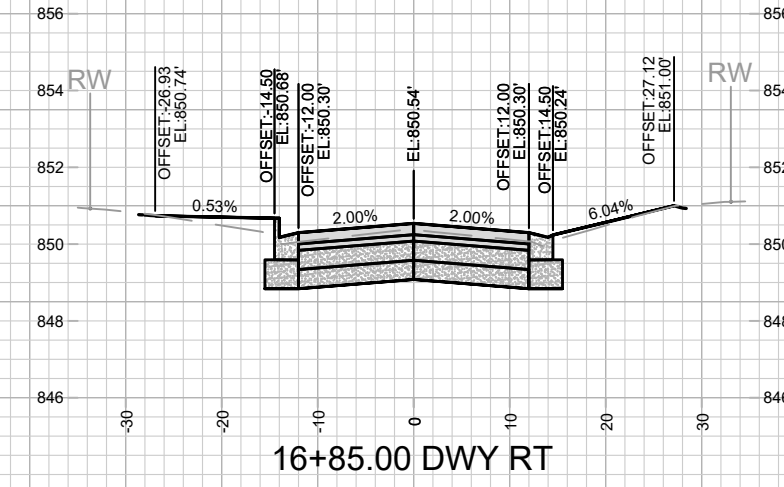
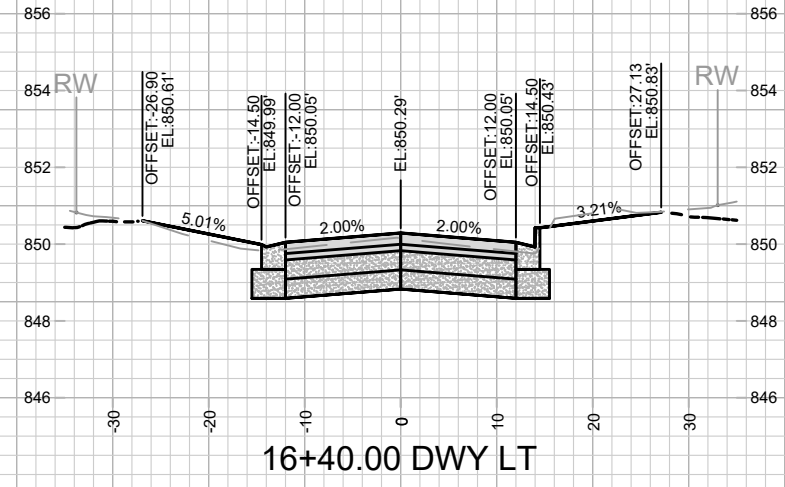
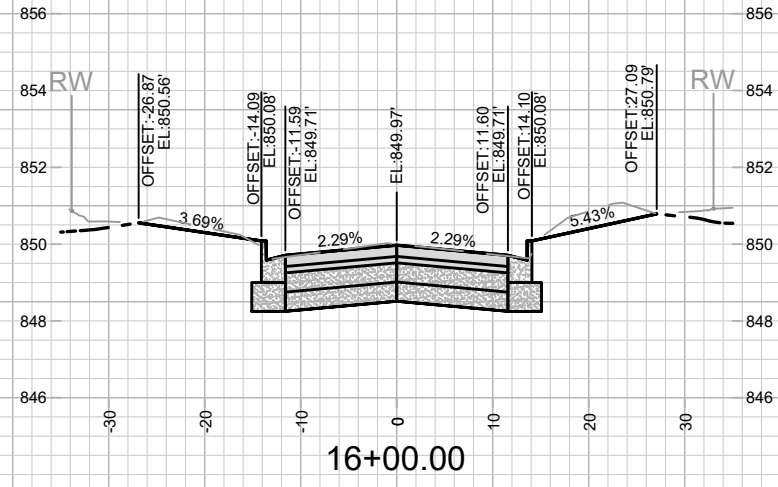
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14076
 MADISON, WI
 CONTRACT NO.: 8742



CROSS SECTIONS - RUTLEDGE STREET
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14076
 X-3



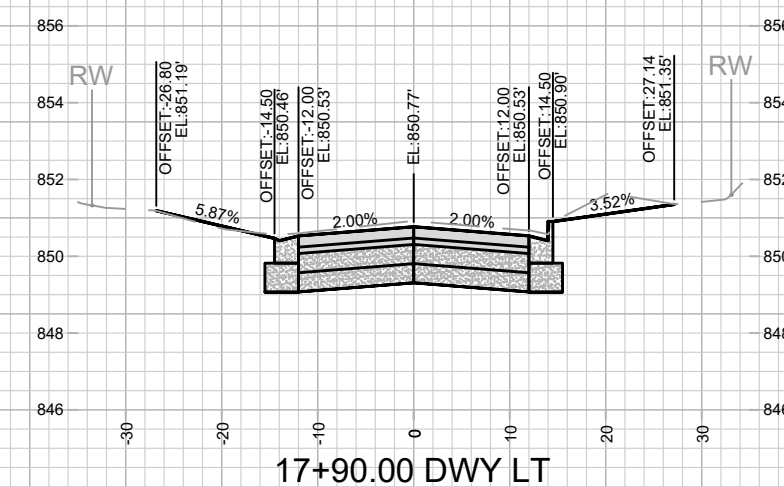
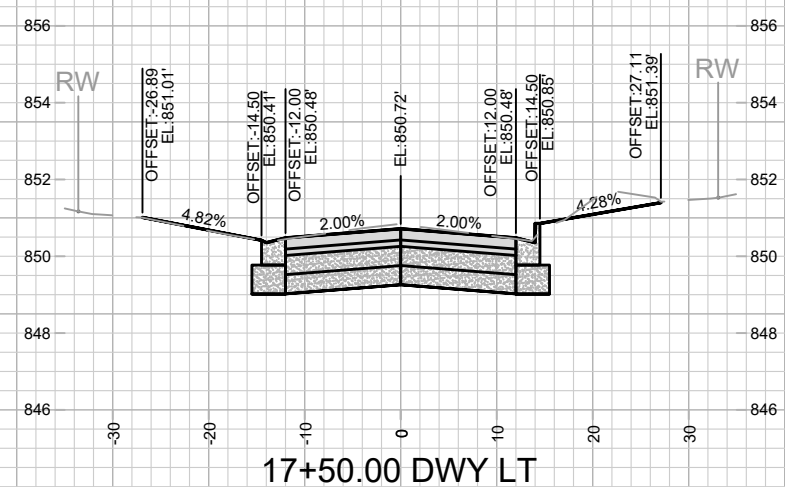
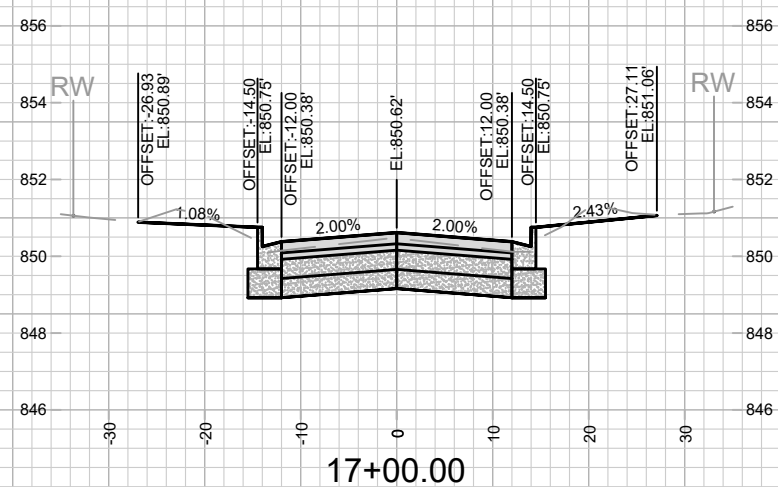
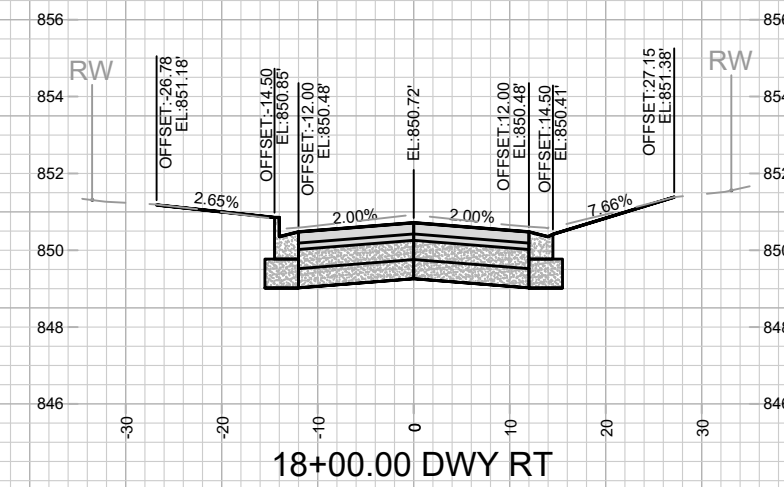
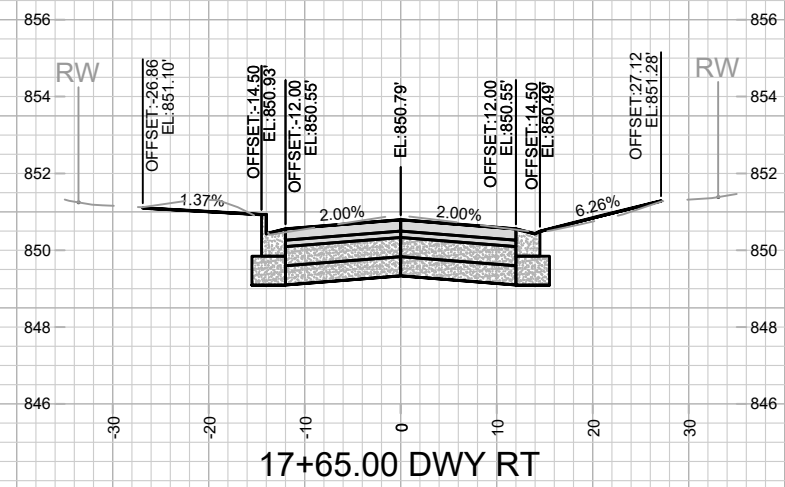
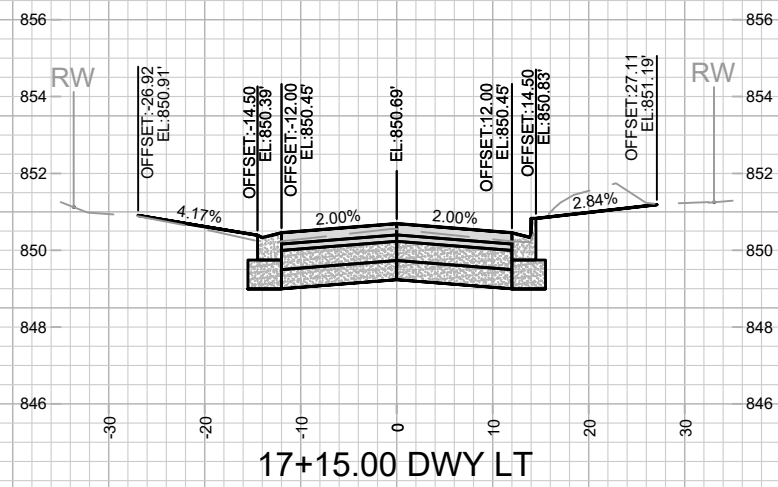
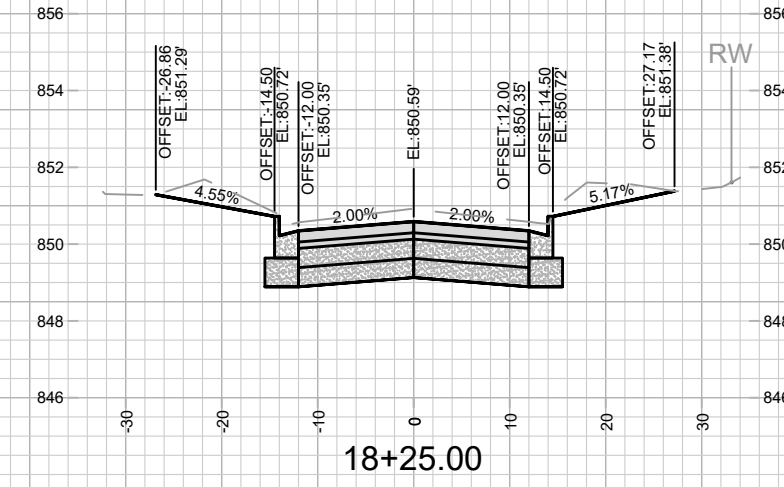
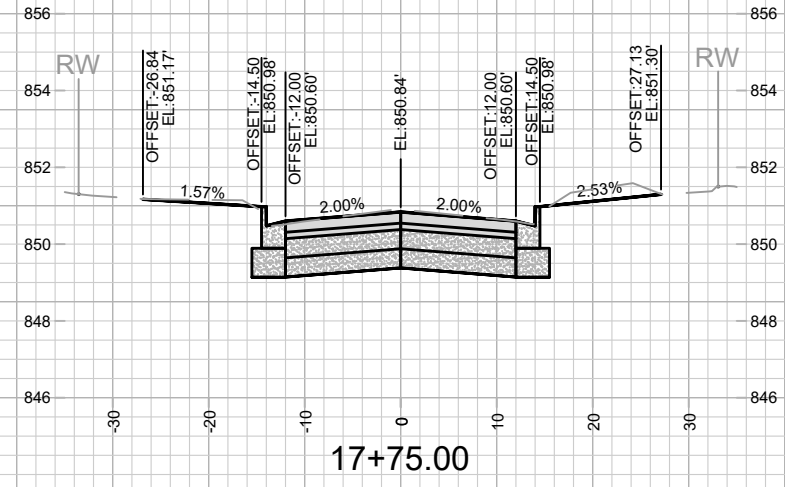
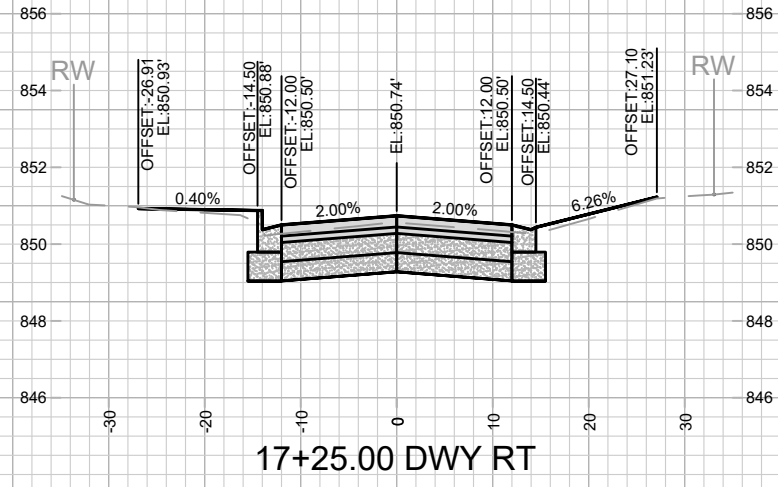
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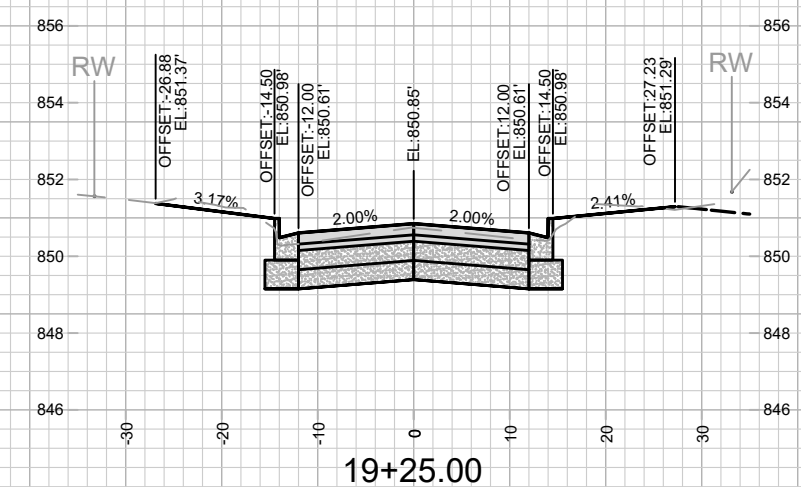
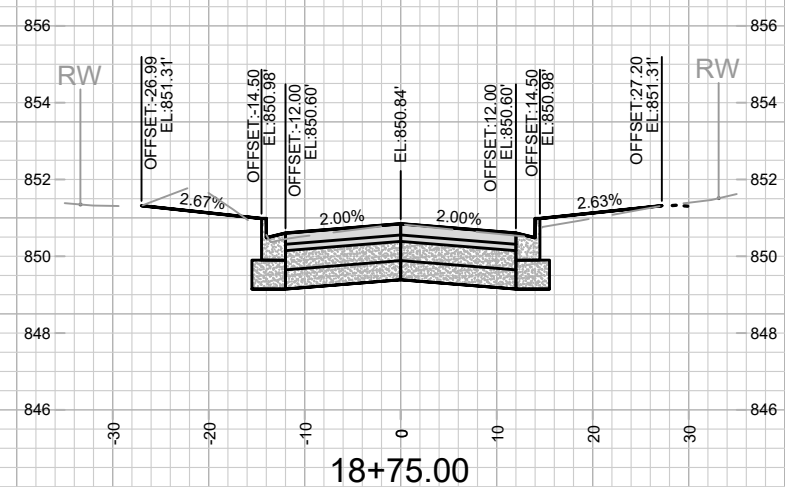
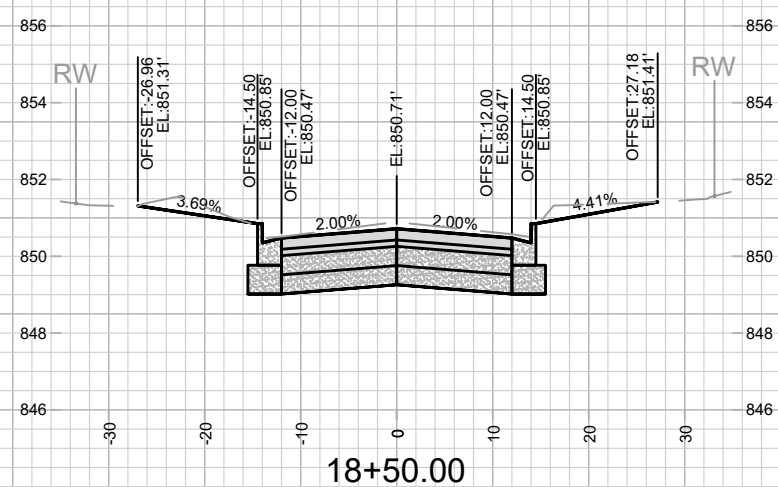
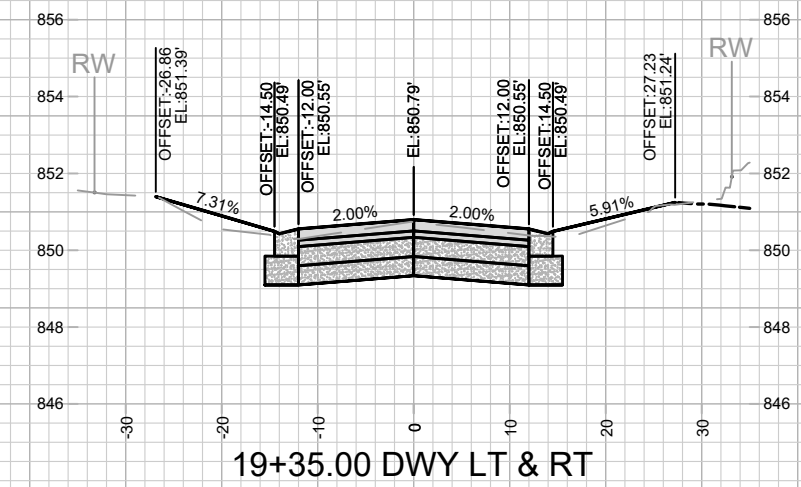
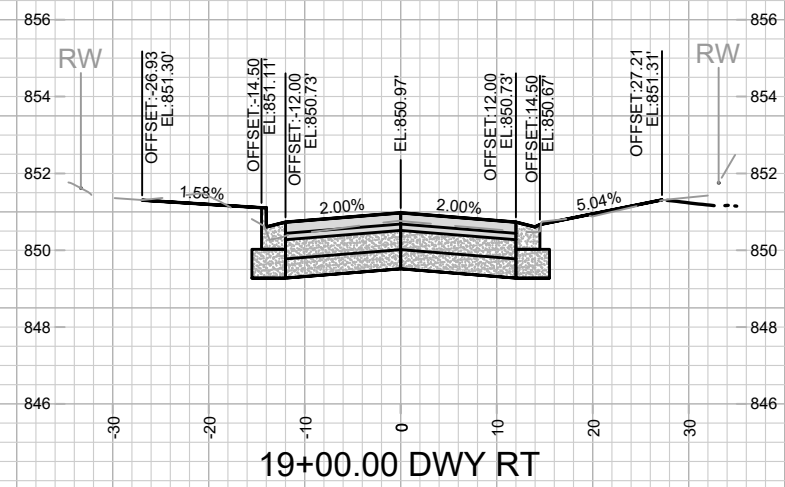
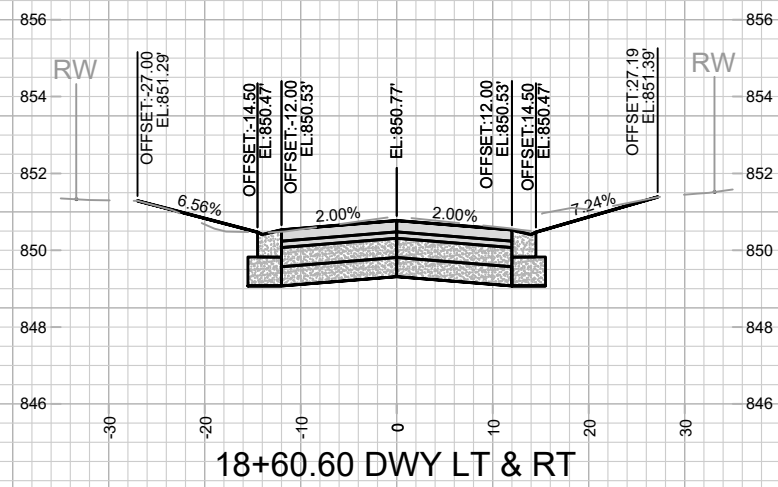
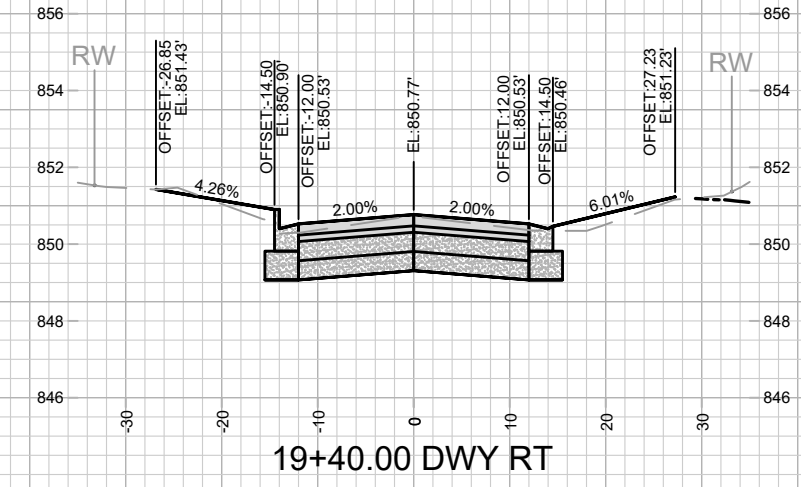
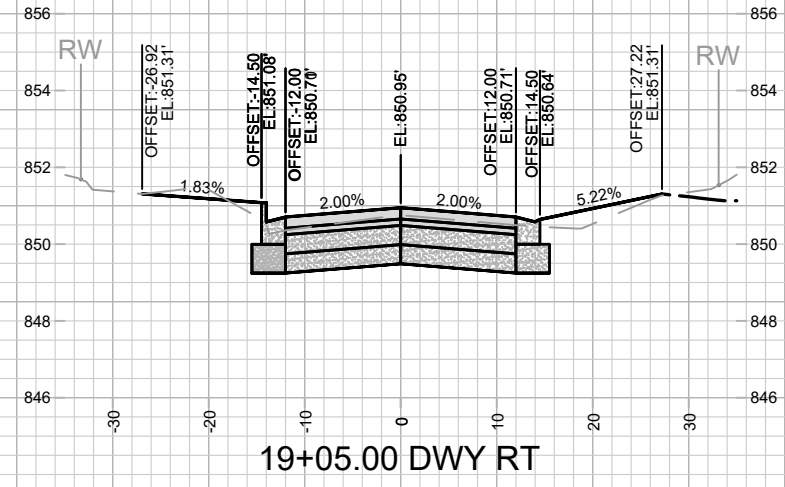
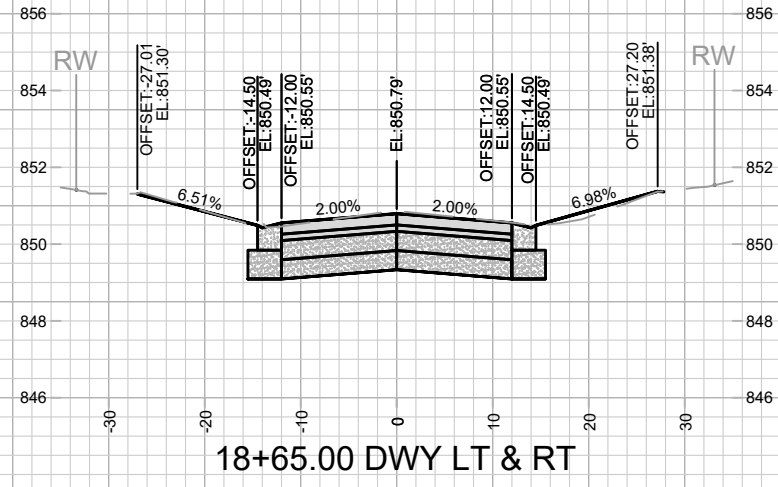
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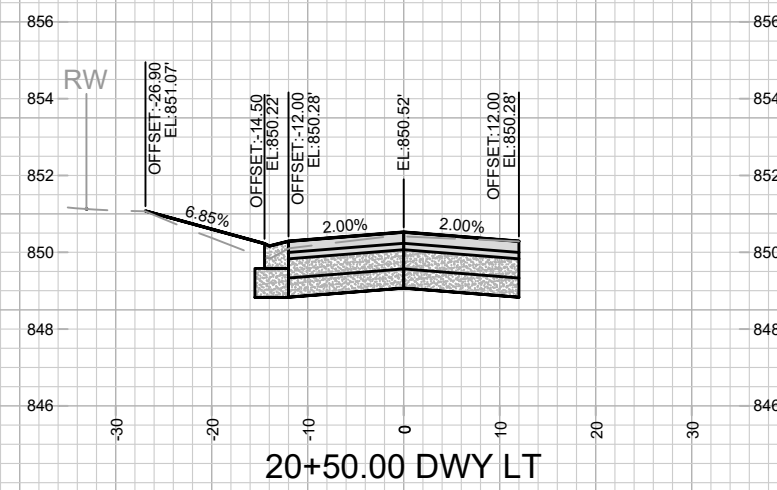
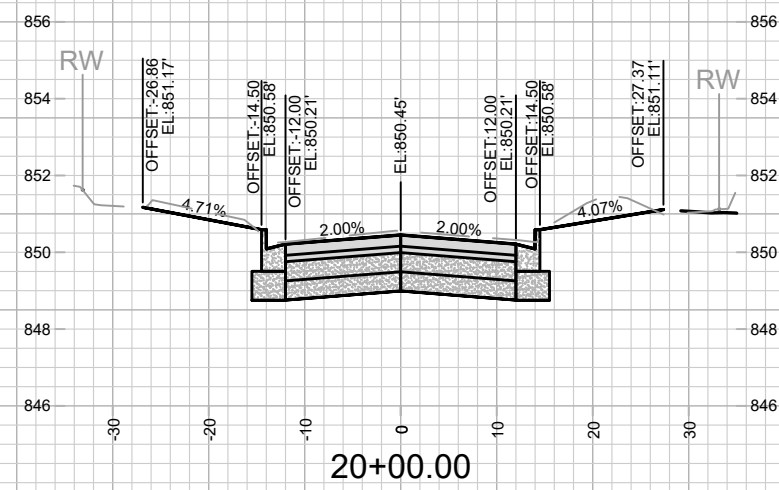
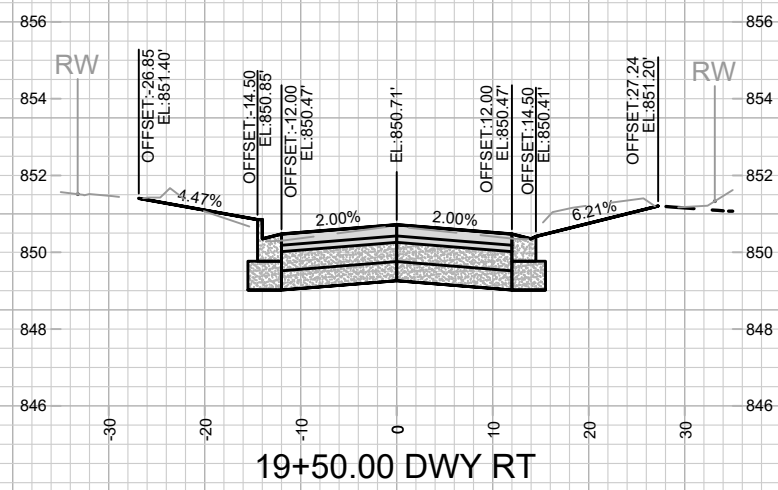
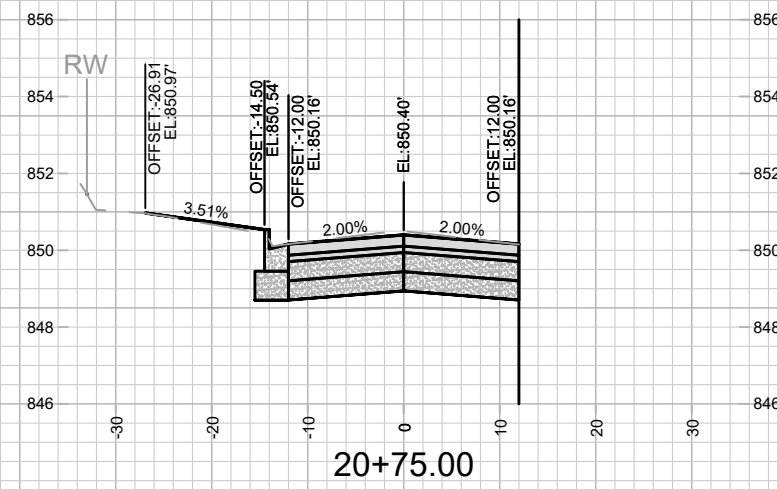
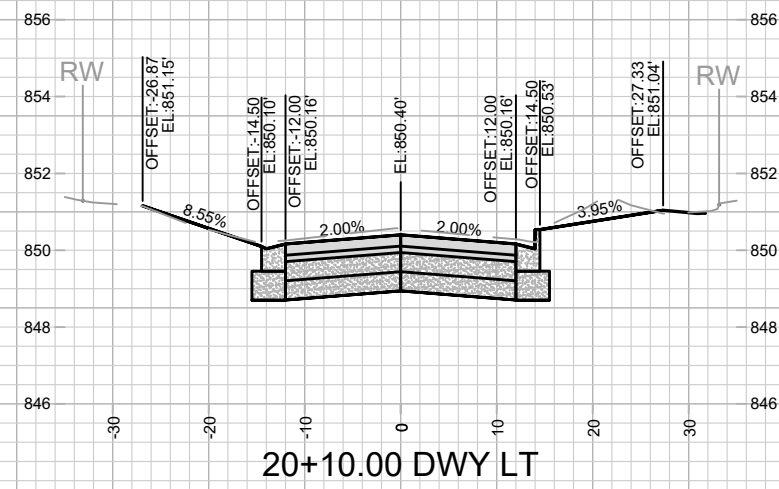
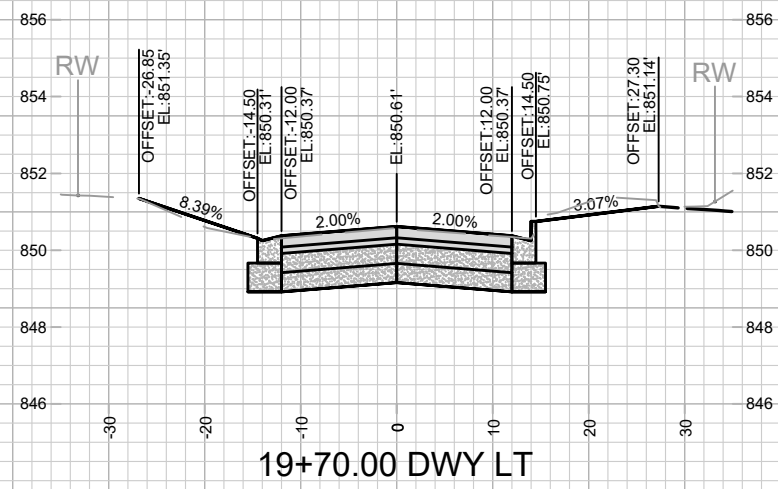
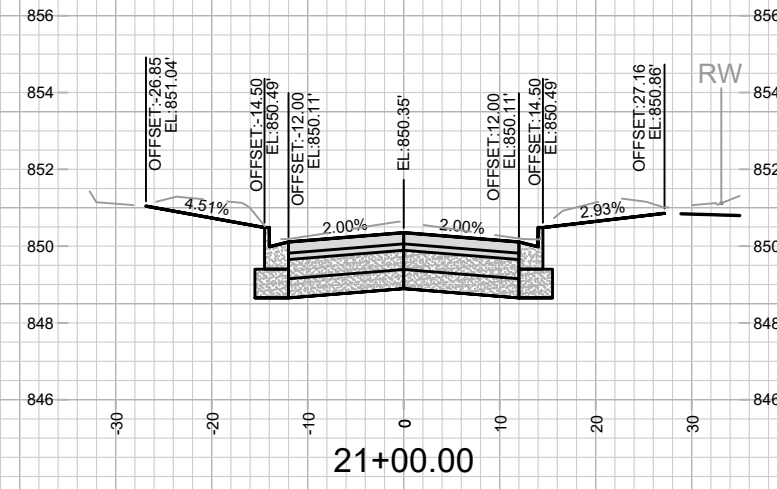
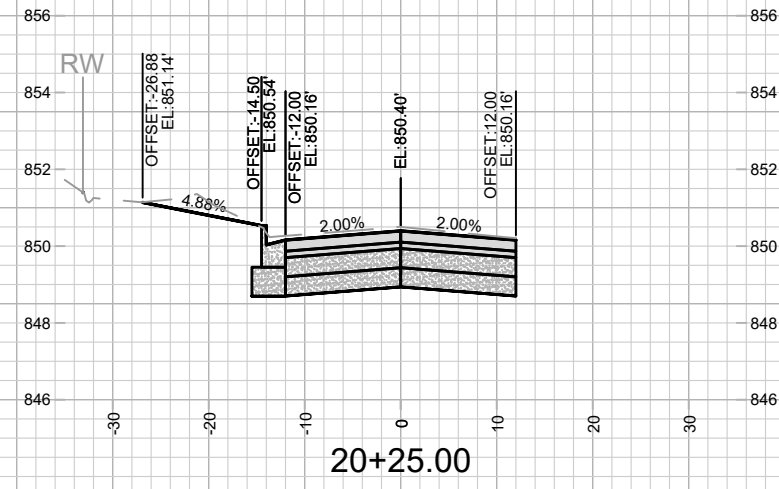
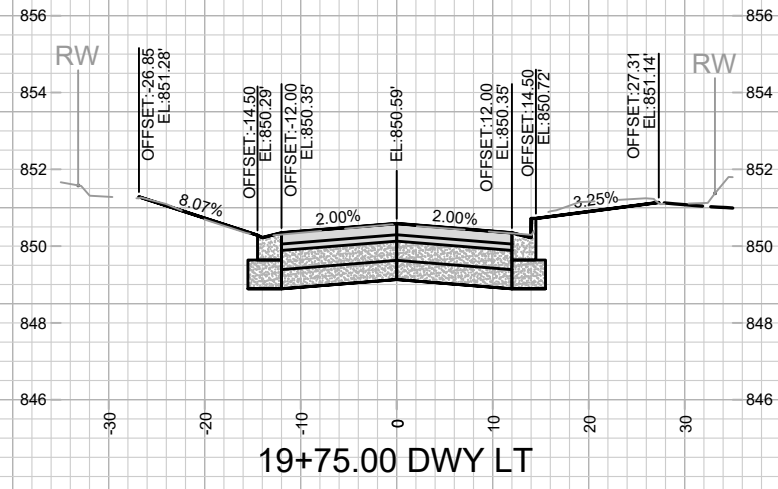
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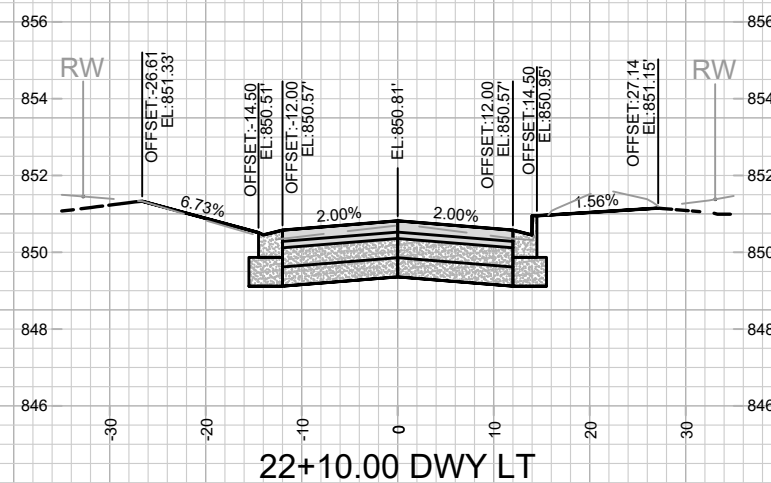
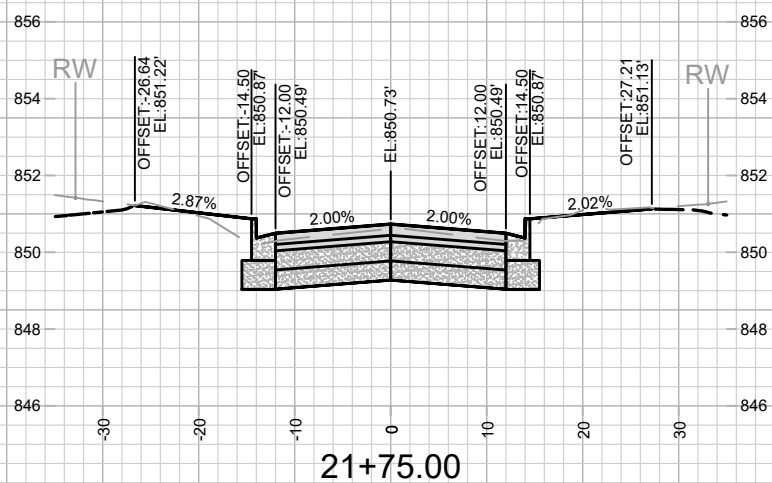
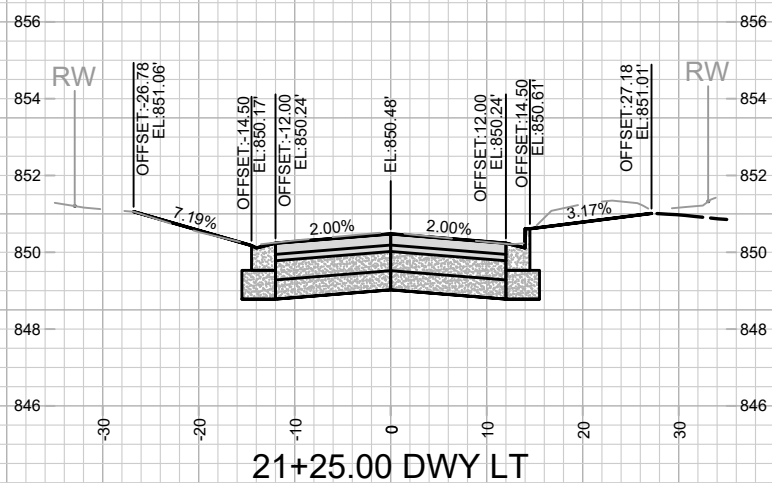
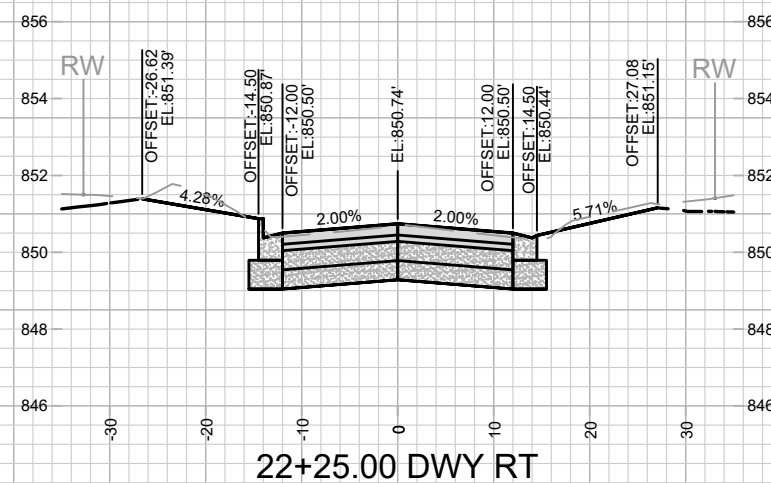
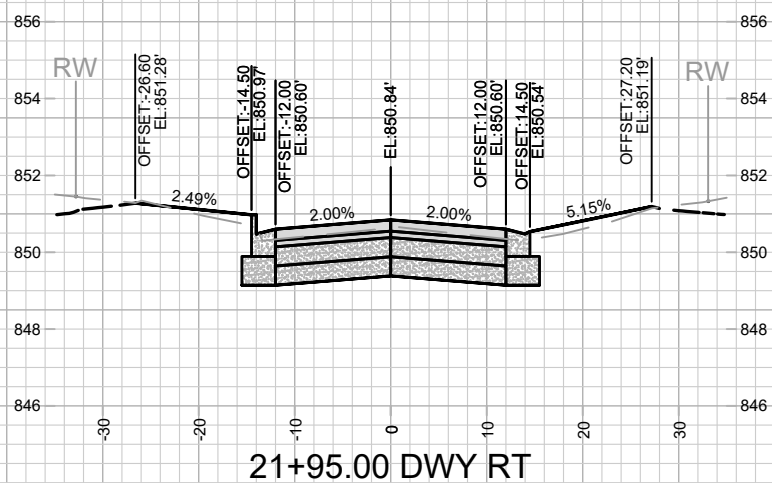
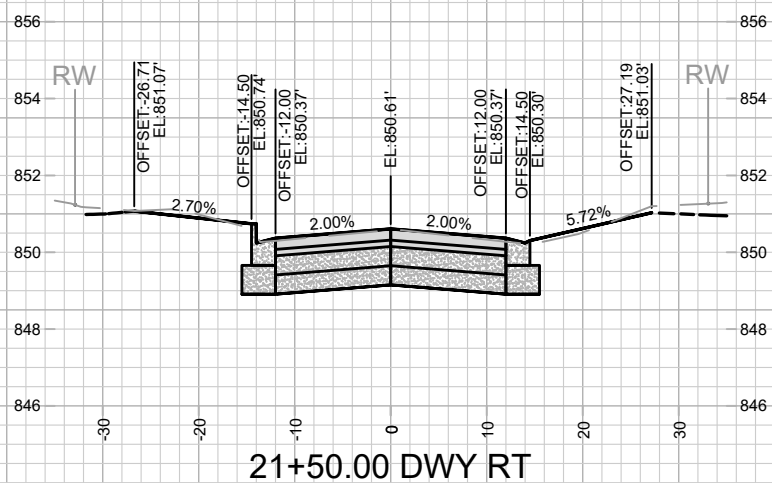
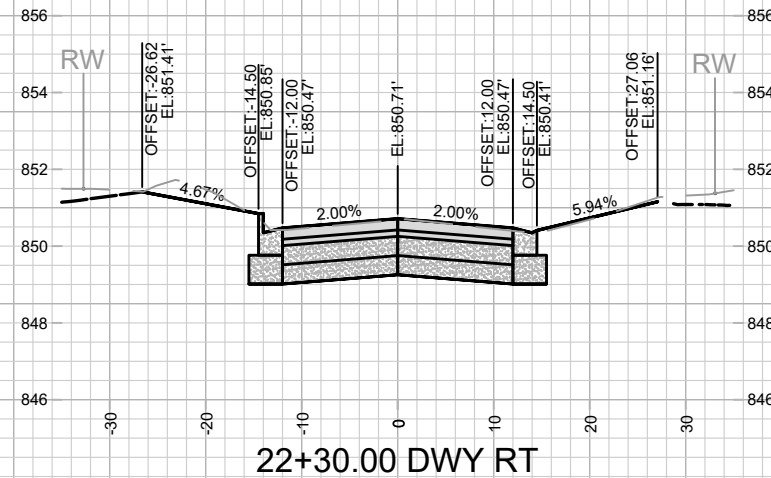
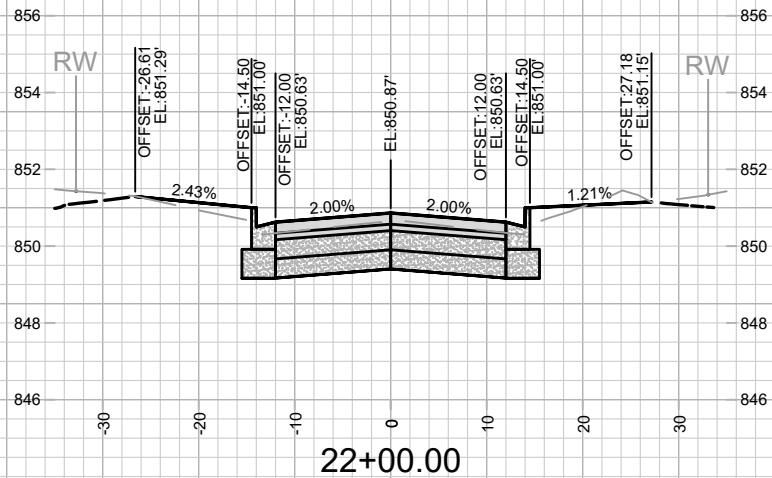
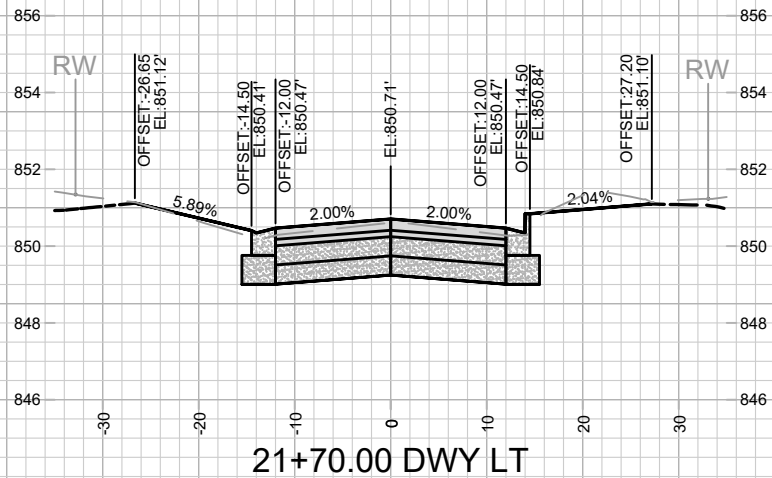


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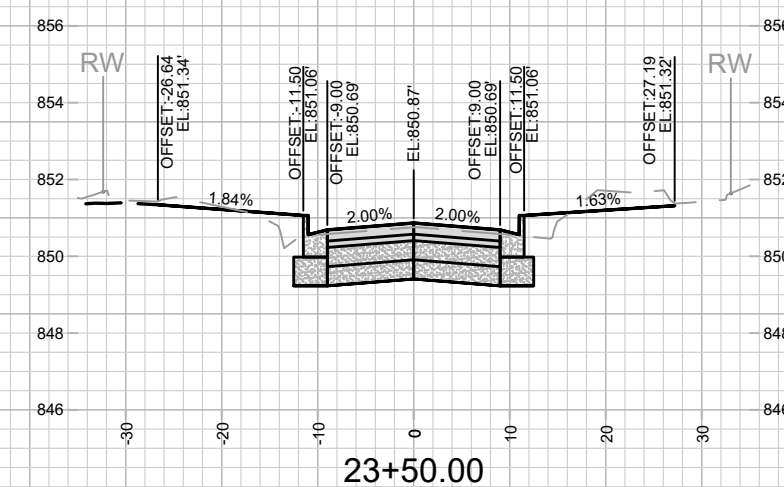
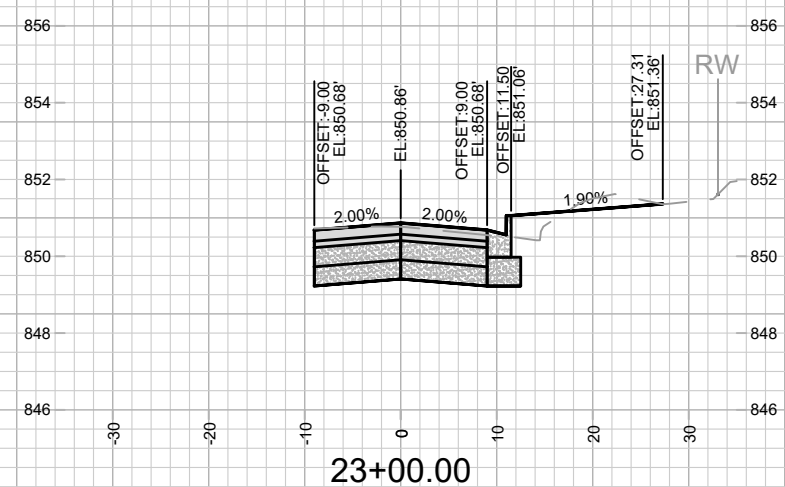
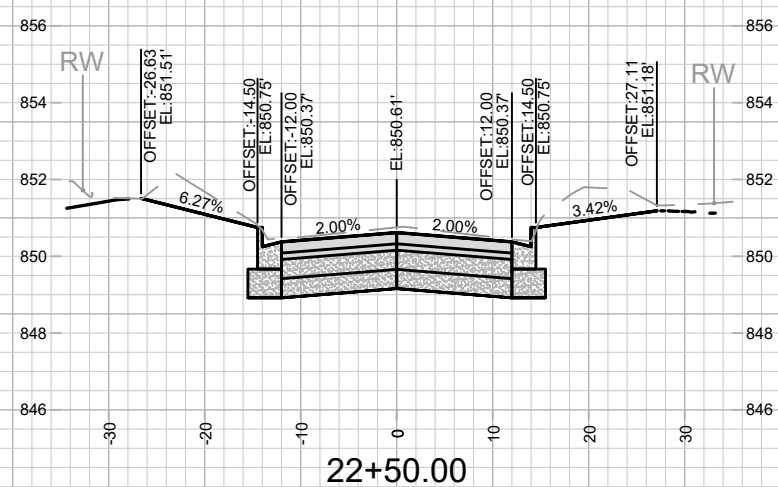
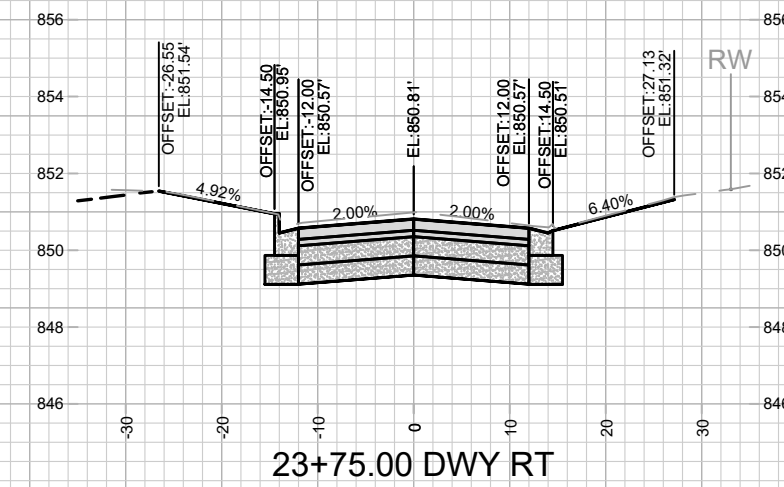
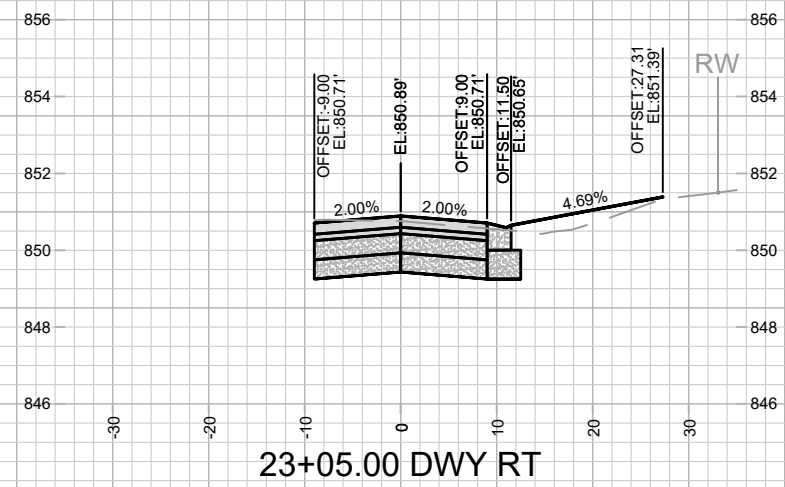
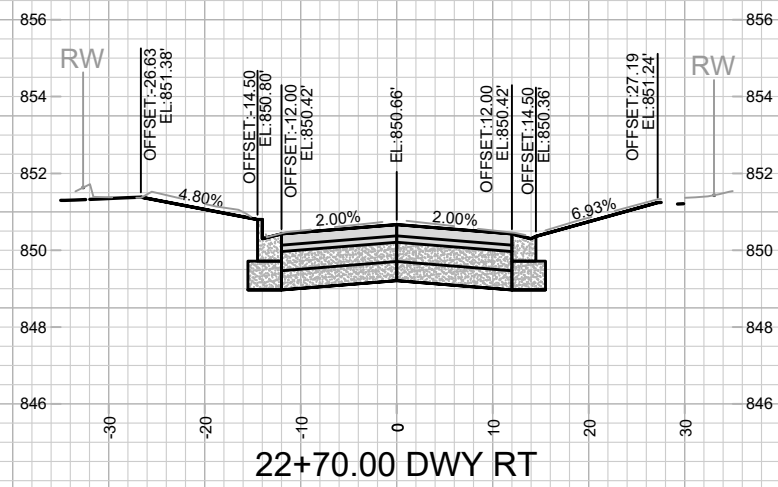
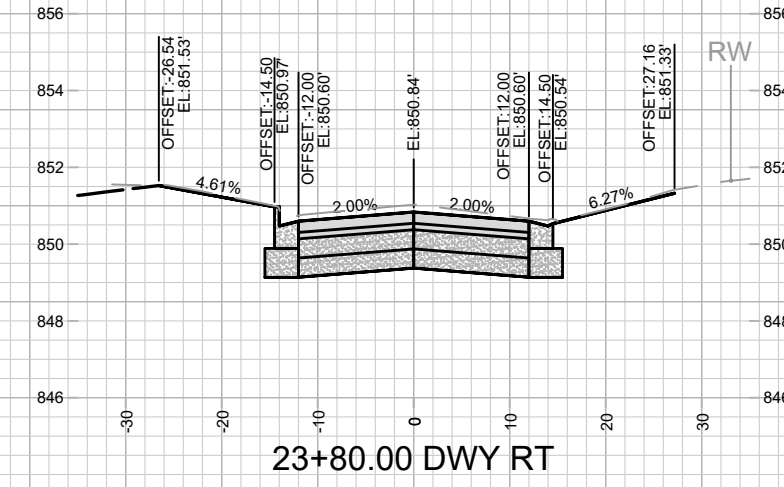
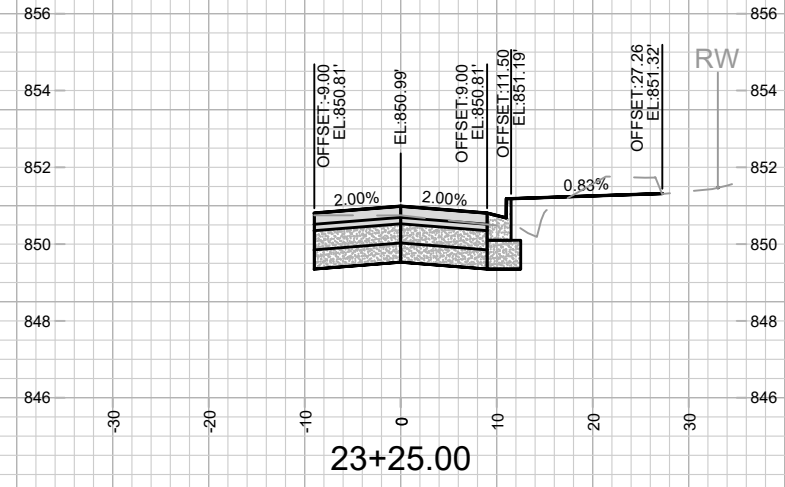
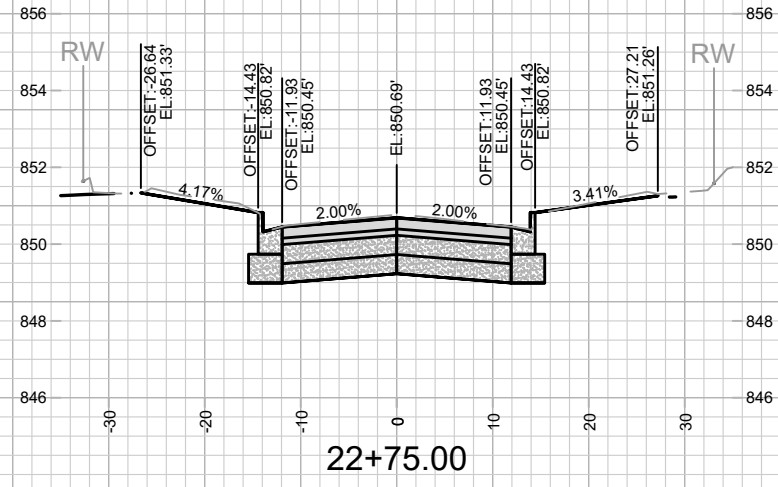
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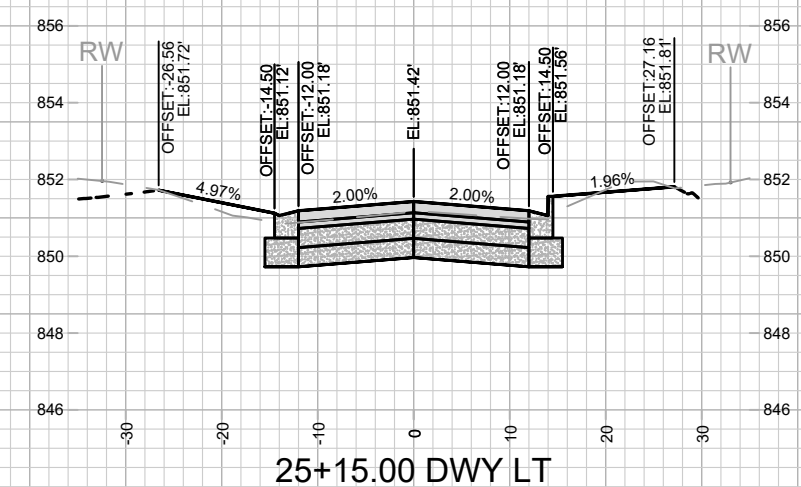
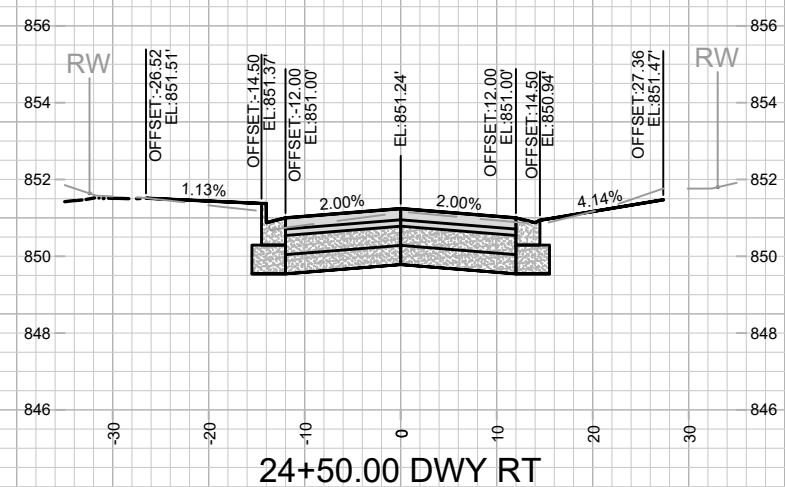
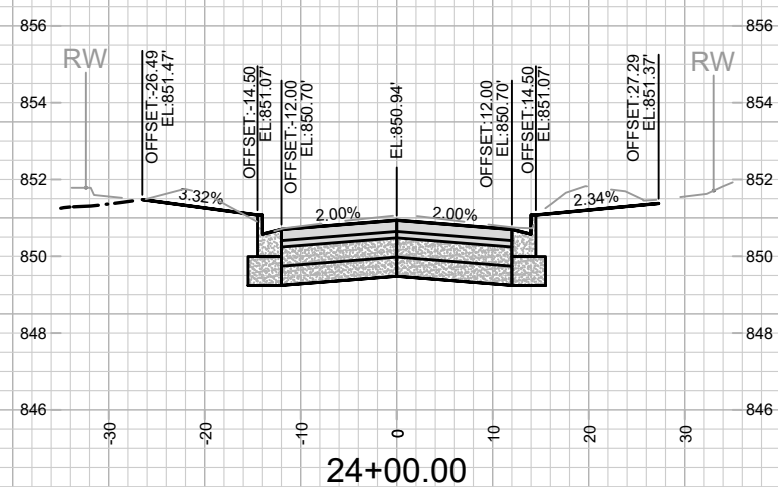
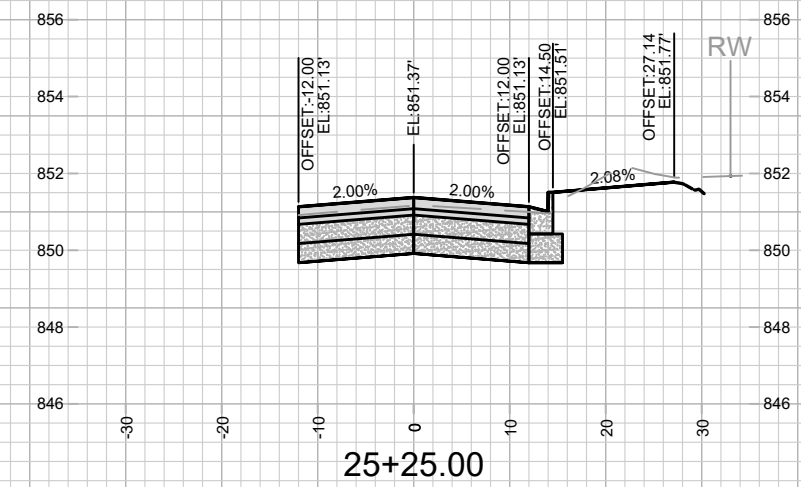
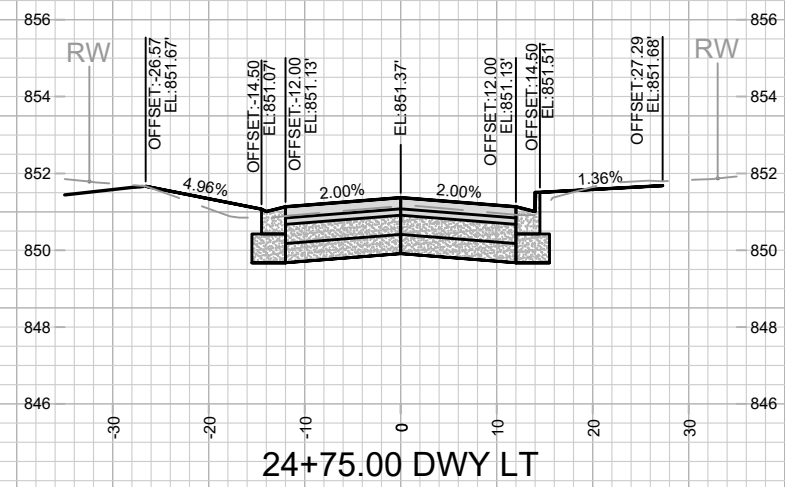
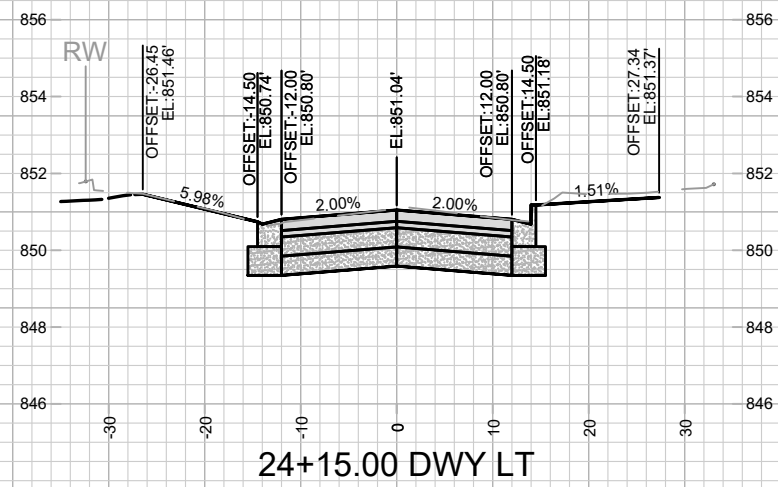
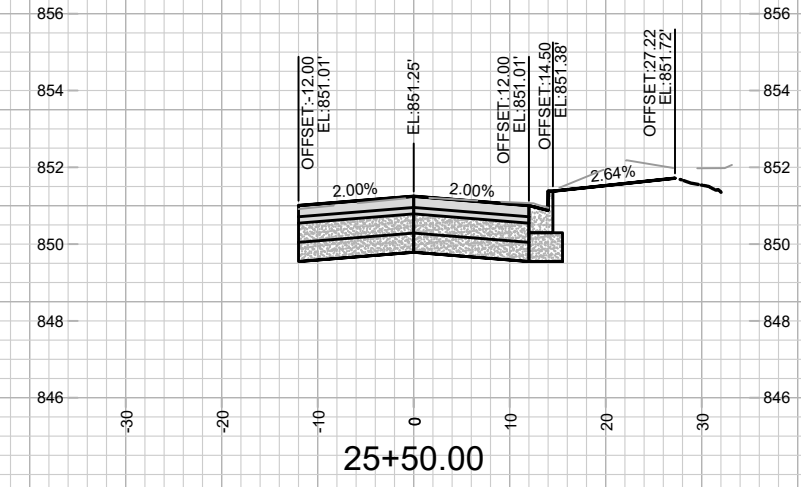
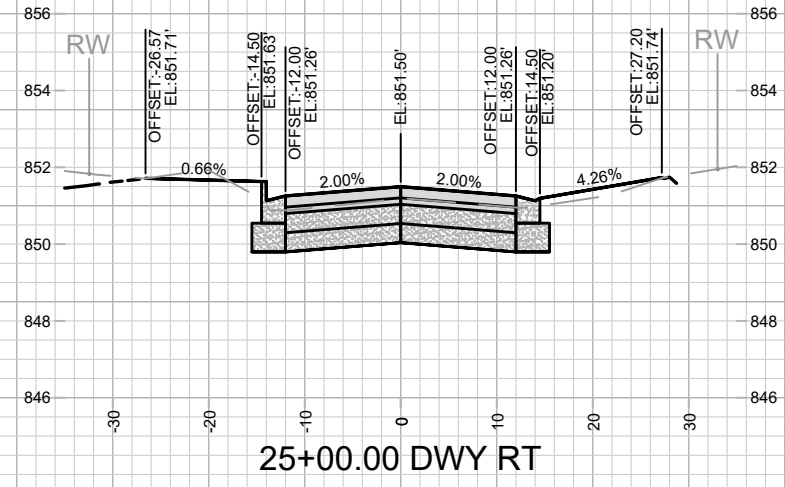
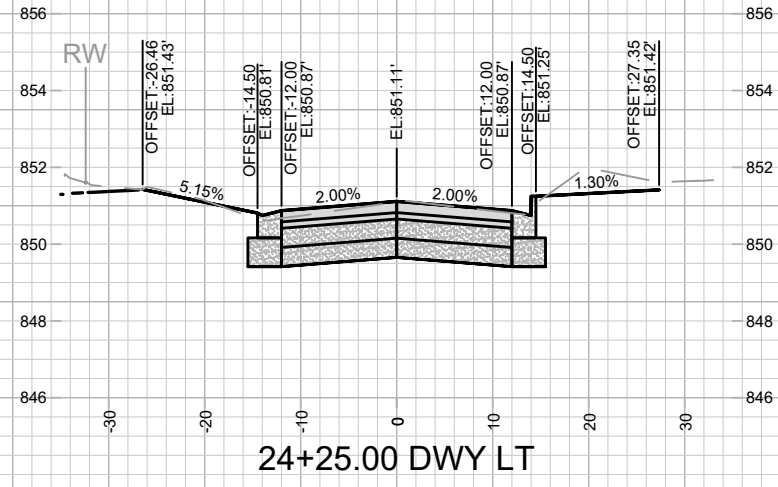
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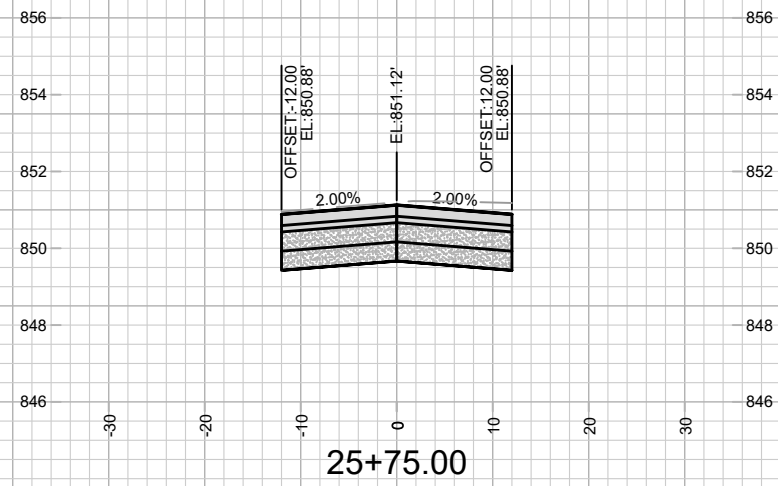
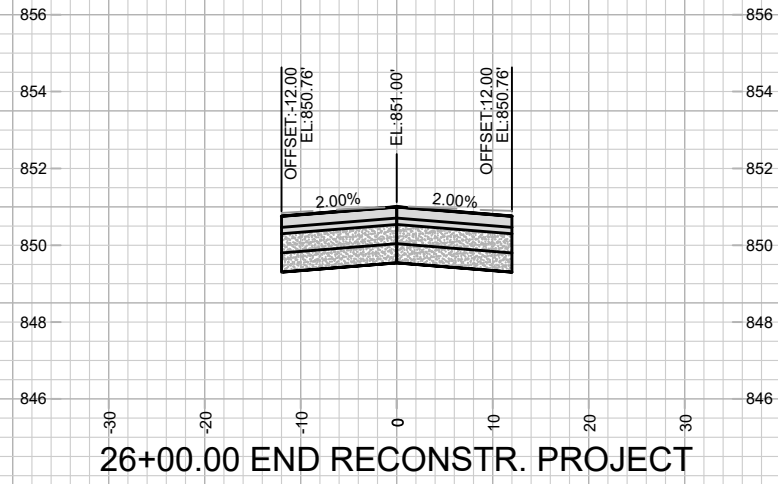
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