

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

WINNEBAGO STREET, ATWOOD AVENUE AND LINDEN AVENUE ASSESSMENT DISTRICT - 2018

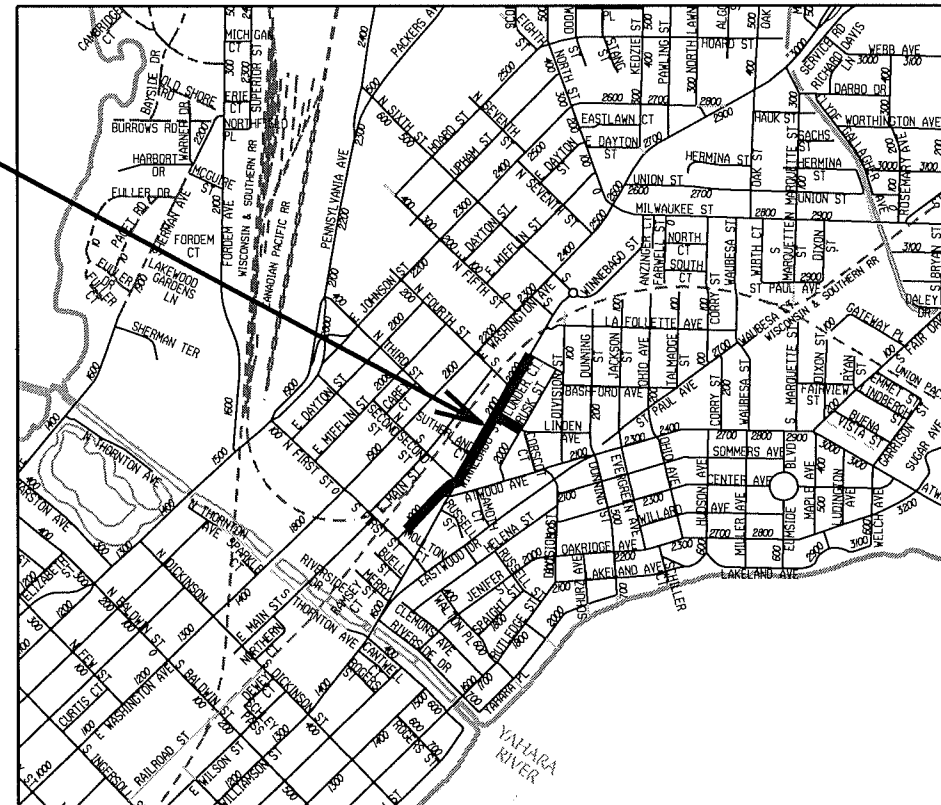
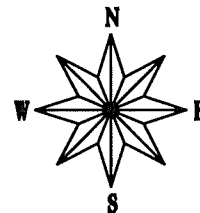
CITY PROJECT NO. 11186

CONTRACT NO. 8106

INDEX OF SHEETS

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DI-D2	DETAILS
EC1-EC7	EROSION CONTROL PLANS
H1-H2	HAZARDOUS MATERIALS
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PROJECT
LOCATION



CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	G
STORM SEWER	ST
SANITARY SEWER	SAN
WATER	W
OVERHEAD ELECTRIC	OH
POWER POLE	⊥

NOTES:

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

SIDEWALK RAMPS AND CURB THRU 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%

EARTH WORK SUMMARY:
EXCAVATION CUT (MEASURED PLAN QUANTITY).....4,090 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....1,000 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....5,090 C.Y.

PUBLIC IMPROVEMENT PROJECT APPROVED

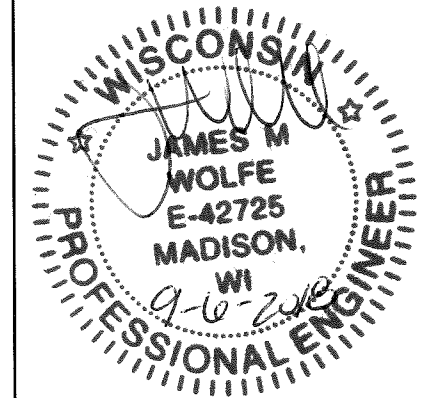
JULY 10, 2018

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

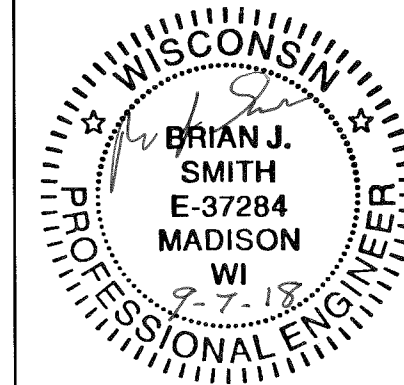
PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Ch. Pappas 9/7/18
City Engineer Date

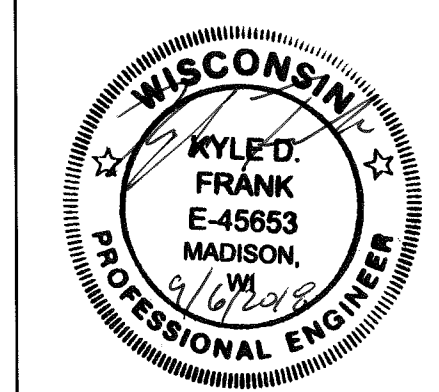
STREET
DESIGNED BY:



STREET LIGHTING
DESIGNED BY:



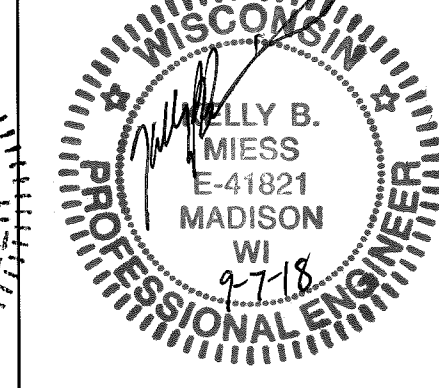
SANITARY & STORM SEWER
DESIGNED BY:



PAVEMENT MARKINGS
DESIGNED BY:



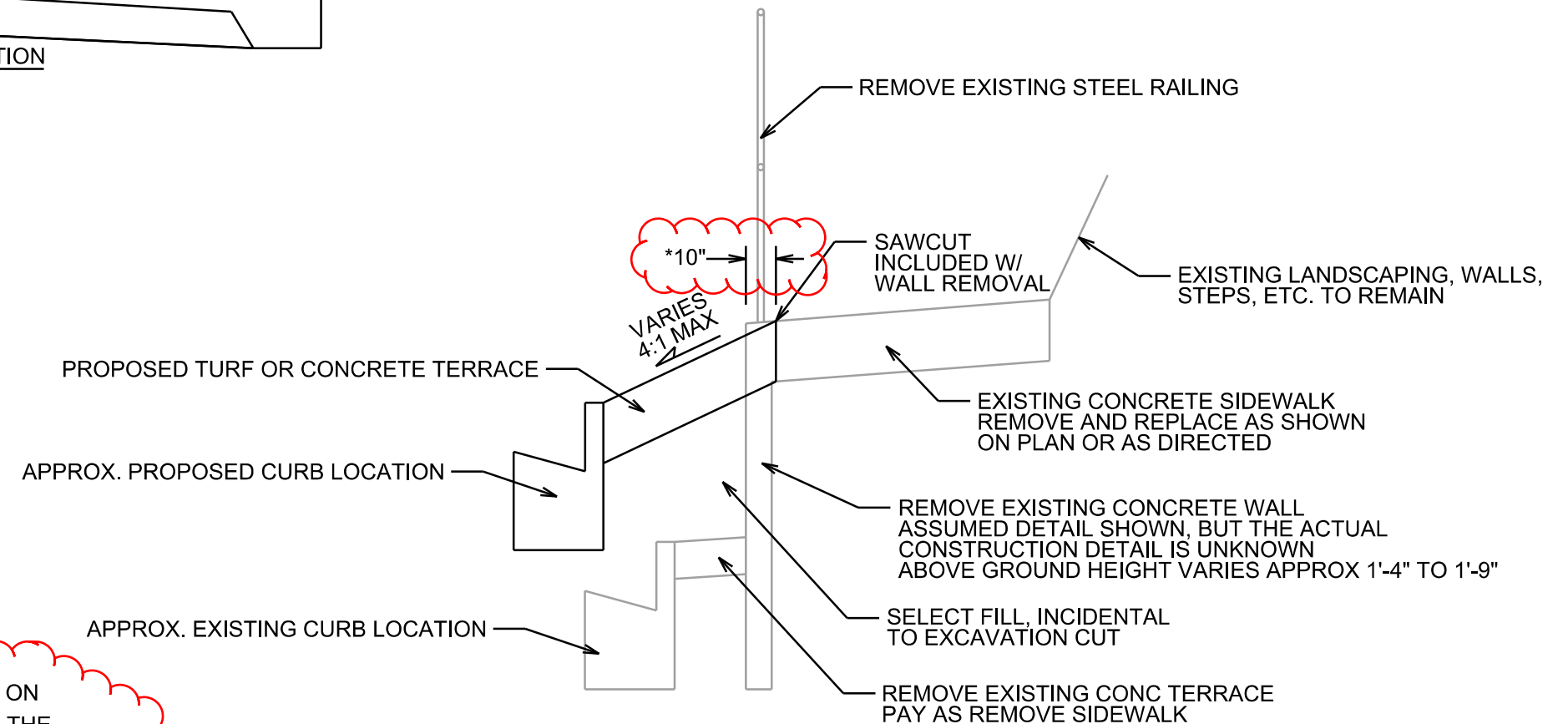
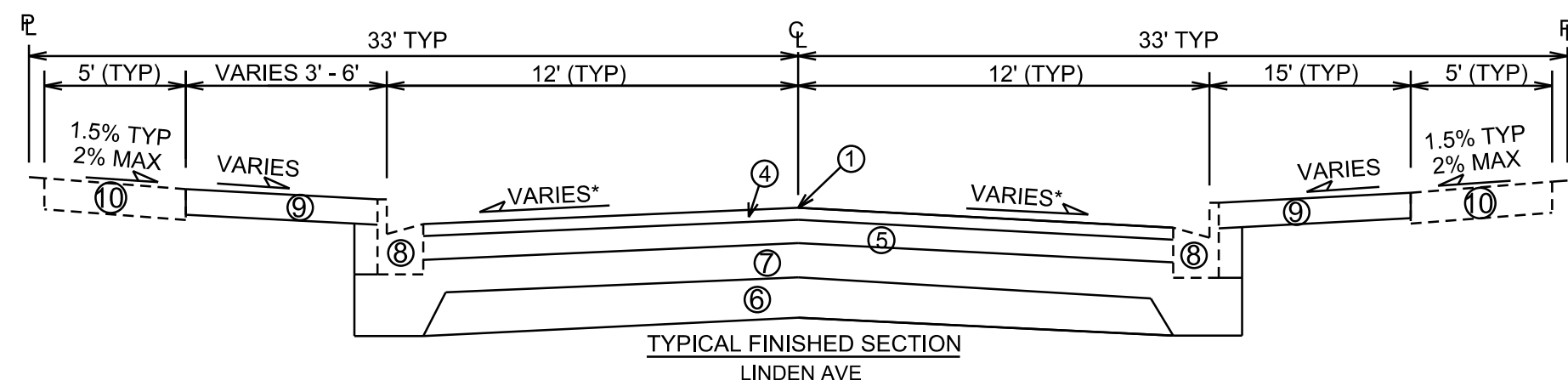
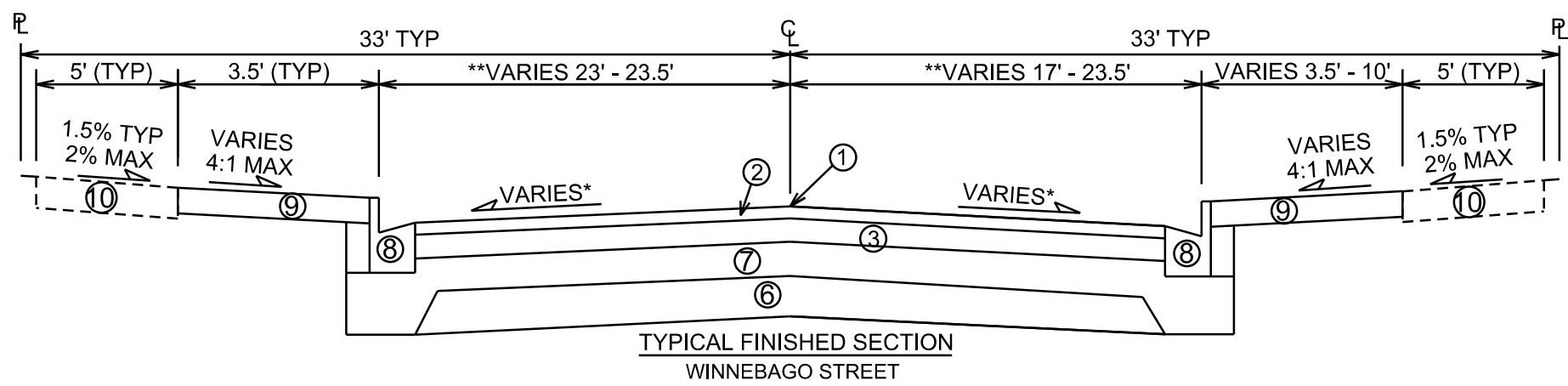
WATER
DESIGNED BY:



- ① POINT REFERRED TO ON PROFILE
- ② 2" HMA UPPER LAYER, 4 MT 58-28 S
- ③ 3.5" HMA LOWER LAYER, 3 MT 58-28 S
- ④ 1.75" HMA UPPER LAYER, 4 LT 58-28 S
- ⑤ 1.75" HMA LOWER LAYER, 4 LT 58-28 S
- ⑥ 6" GRADATION 1 CRUSHED STONE
- ⑦ 6" GRADATION 2 CRUSHED STONE
- ⑧ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER, REPLACE AS NOTED ON PLAN
- ⑨ 6" TOPSOIL, SEED & EROSION MAT OR 5" CONCRETE SIDEWALK WHERE NOTED ON PLAN
- ⑩ 5" CONCRETE SIDEWALK, REPLACE AS NOTED ON PLAN OR AS DIRECTED
- ⑪ FILL, INCIDENTAL

GENERAL NOTES:

1. KNOWN CURB AND SIDEWALK REPLACEMENT AREAS ARE SHOWN. ADDITIONAL CURB AND SIDEWALK MAY NEED TO BE REPLACED DUE TO UTILITY WORK.
2. TYPICAL SIDEWALK KEYSTONE AT RAMPS SHALL BE 5'X5' UNLESS NOTED OTHERWISE. IF TYPICAL SIDEWALK IS WIDER THAN 5' TAPER SIDEWALK TO MATCH EXISTING WIDTH FROM THE KEYSTONE LOCATION.
3. TYPICAL TRANSITION BETWEEN TYPE 'A' AND TYPE 'X' CURBS SHALL BE 6' IN LENGTH UNLESS OTHERWISE NOTED. CONFIRM DRAINAGE ALONG CURB TRANSITIONS.
4. ALL CURB & GUTTER IS TO BE PAID AS TYPE 'A' UNLESS NOTED OTHERWISE. HAND FORM CURB AND GUTTER IS ONLY TO BE PAID WHEN DIRECTED BY THE ENGINEER TO MINIMIZE DISTURBANCE AROUND EXISTING TREE LOCATIONS.



NOTE:
* THIS DIMENSION MAY NEED TO BE ADJUSTED DEPENDING ON ACTUAL CONCRETE WALL DIMENSIONS, AS DETERMINED IN THE FIELD. SAWCUT LOCATION SHALL BE PLACED SUCH THAT IT ALLOWS FOR WALL REMOVAL AND MAXIMIZES WIDTH OF SIDEWALK TO REMAIN.

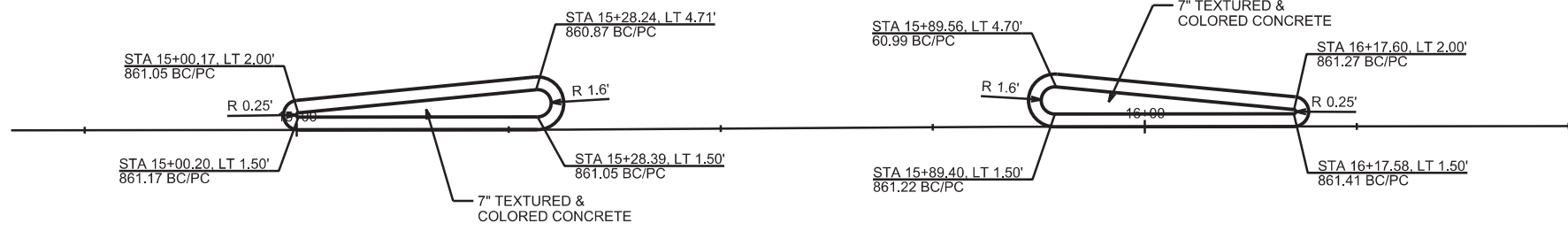
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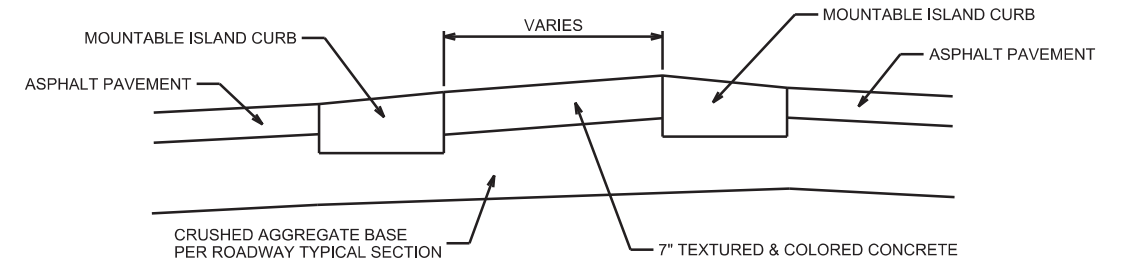
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ISLANDS AT SUTHERLAND DETAILS

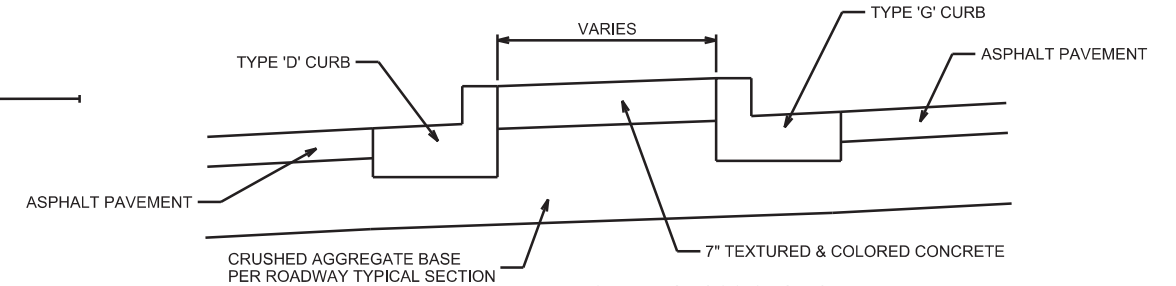
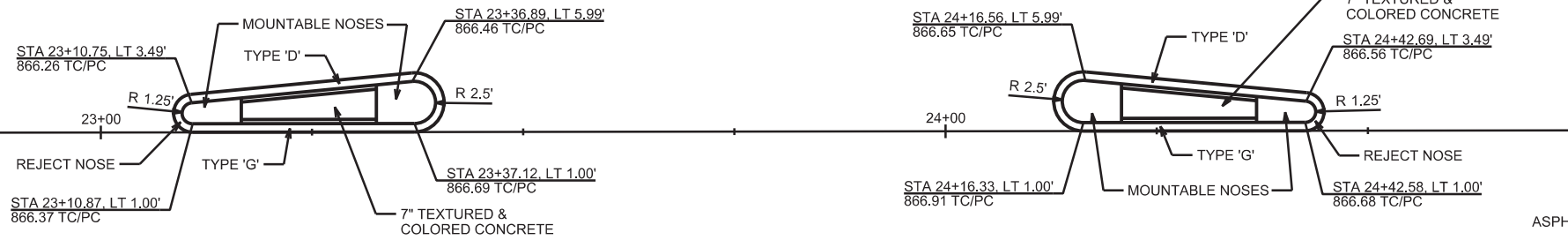


MOUNTABLE ISLAND CURB

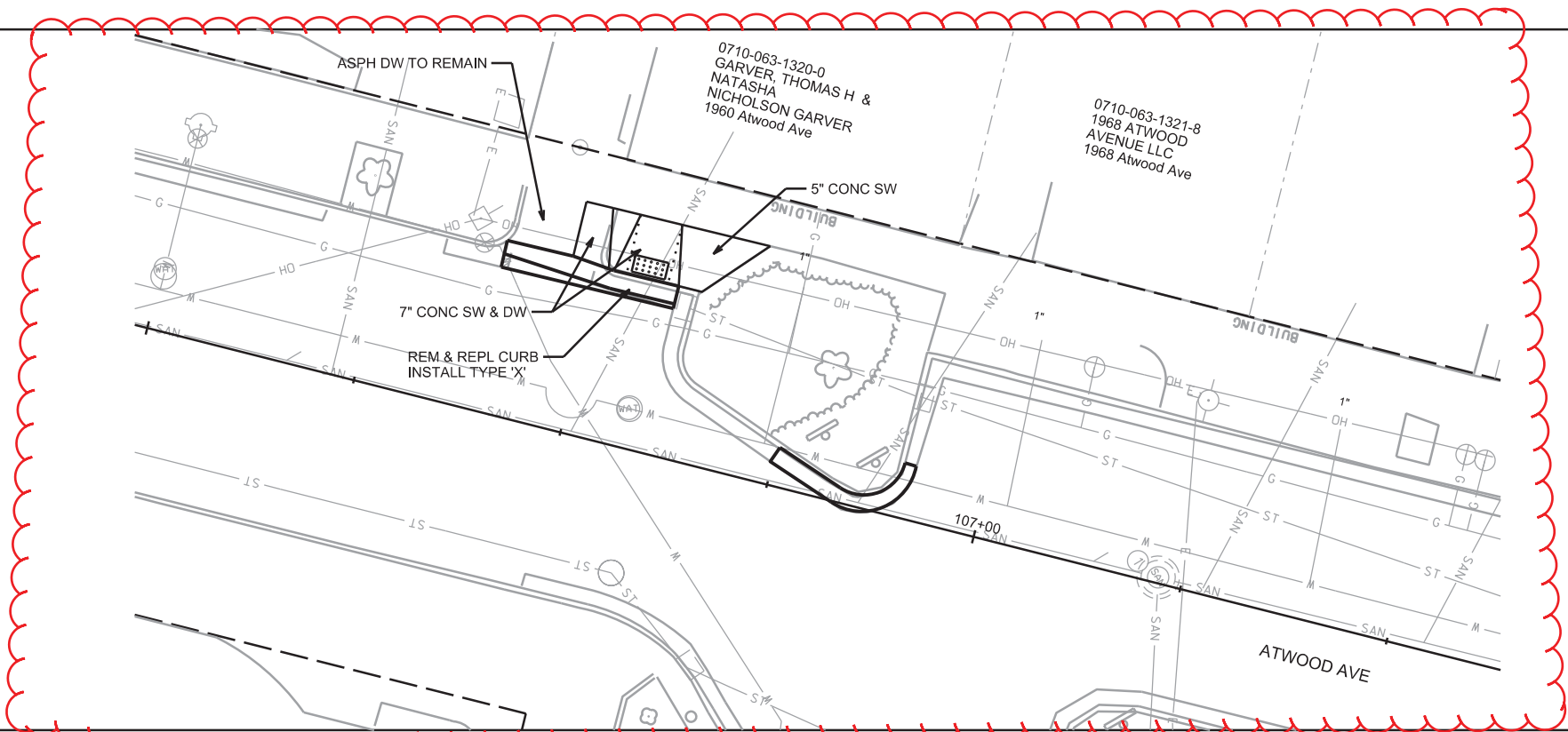


MOUNTABLE ISLAND CROSS SECTION

ISLANDS AT FOURTH DETAILS



ISLAND CROSS SECTION



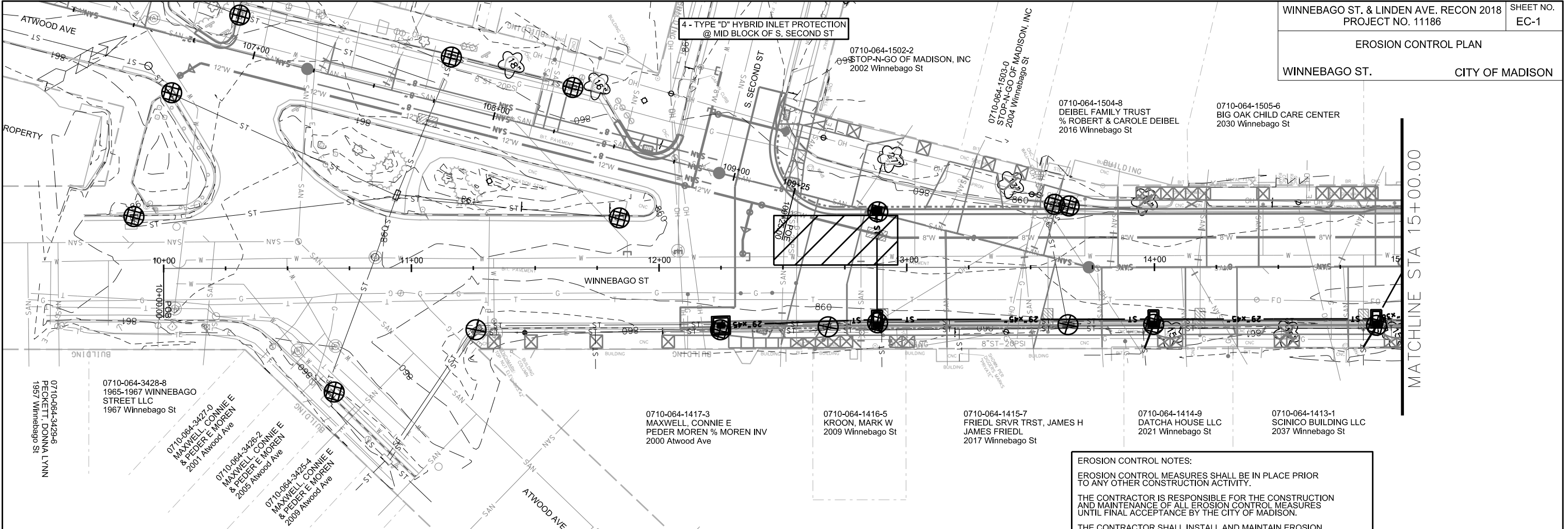
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PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

4 - TYPE "D" HYBRID INLET PROTECTION
@ MID BLOCK OF S. SECOND ST



EROSION CONTROL NOTES:

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

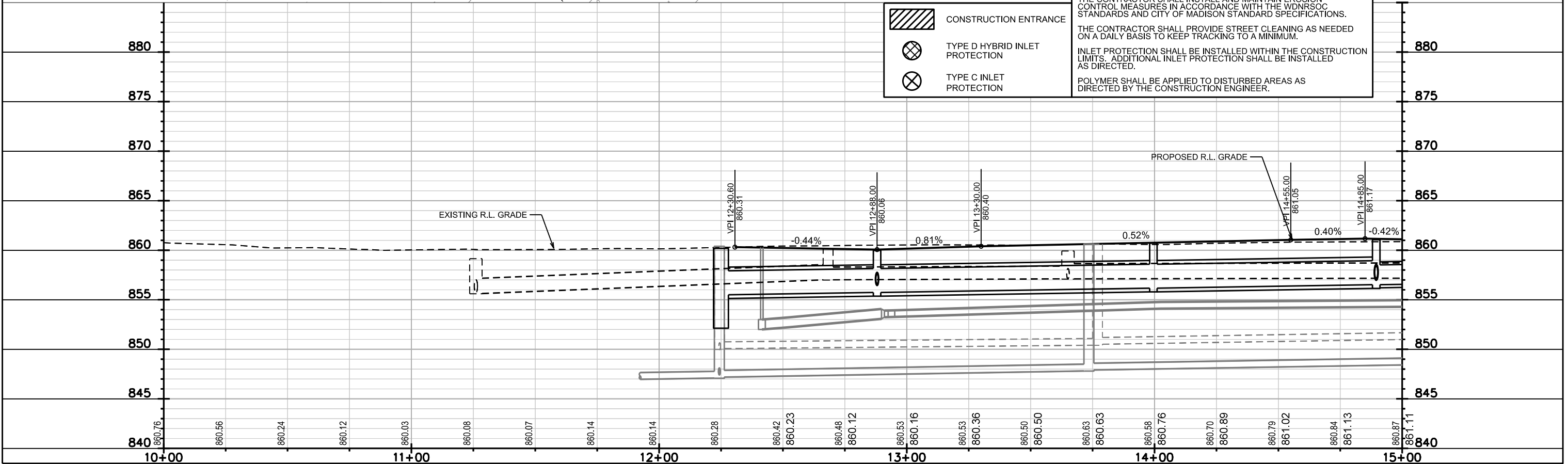
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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

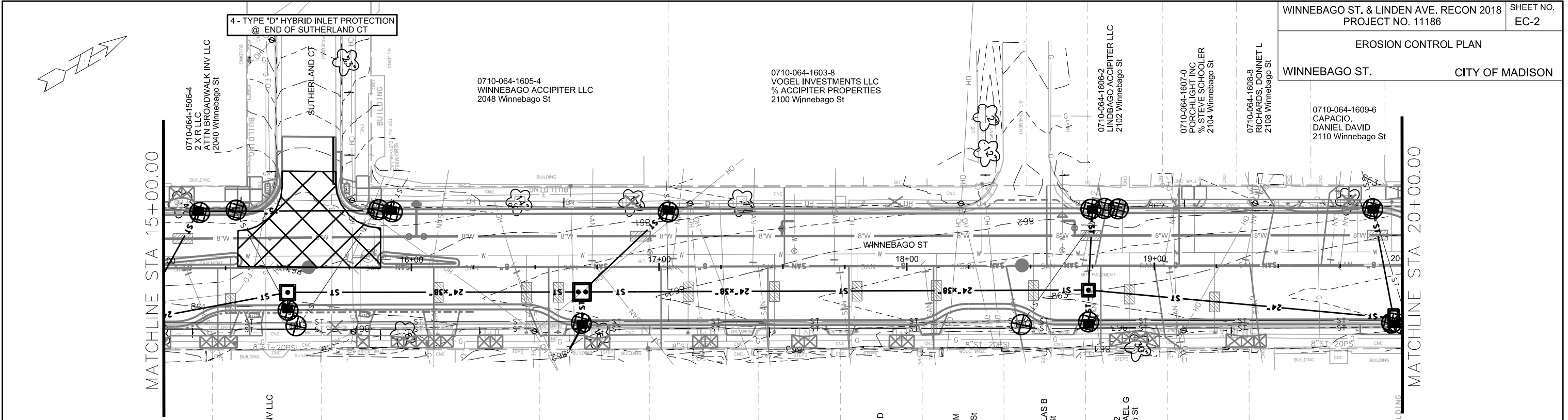
THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

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.



EROSION CONTROL PLAN
WINNEBAGO ST. CITY OF MADISON



LEGEND

- STREET CONSTRUCTION ENTRANCE BERM
- TYPE D HYBRID INLET PROTECTION
- TYPE C INLET PROTECTION

EROSION CONTROL NOTES:

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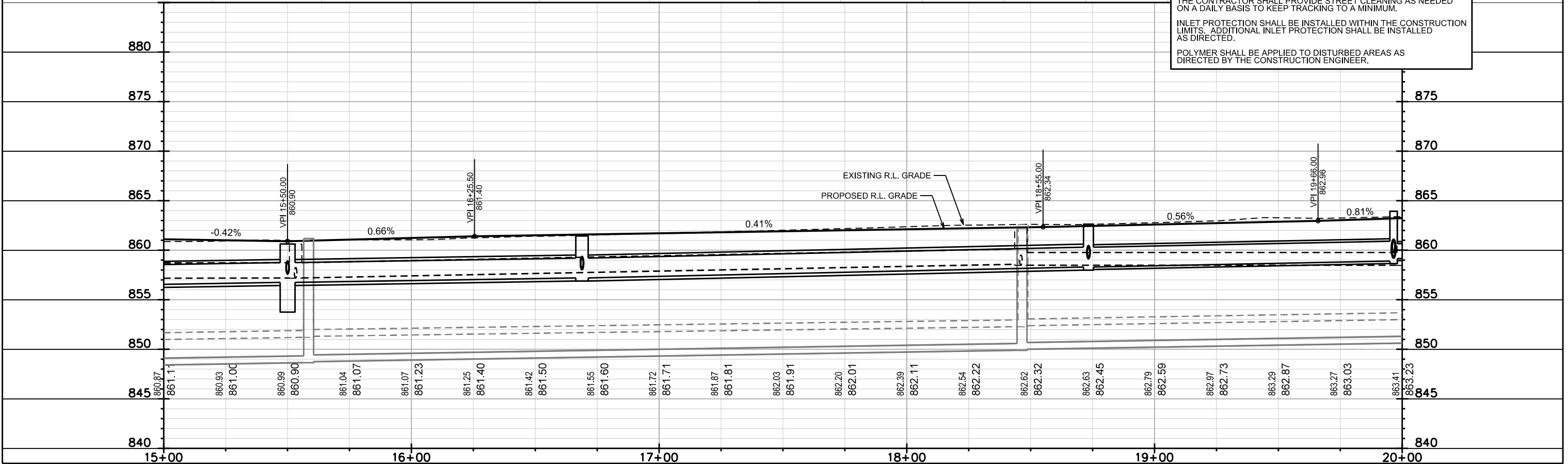
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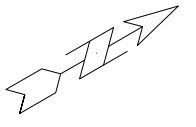
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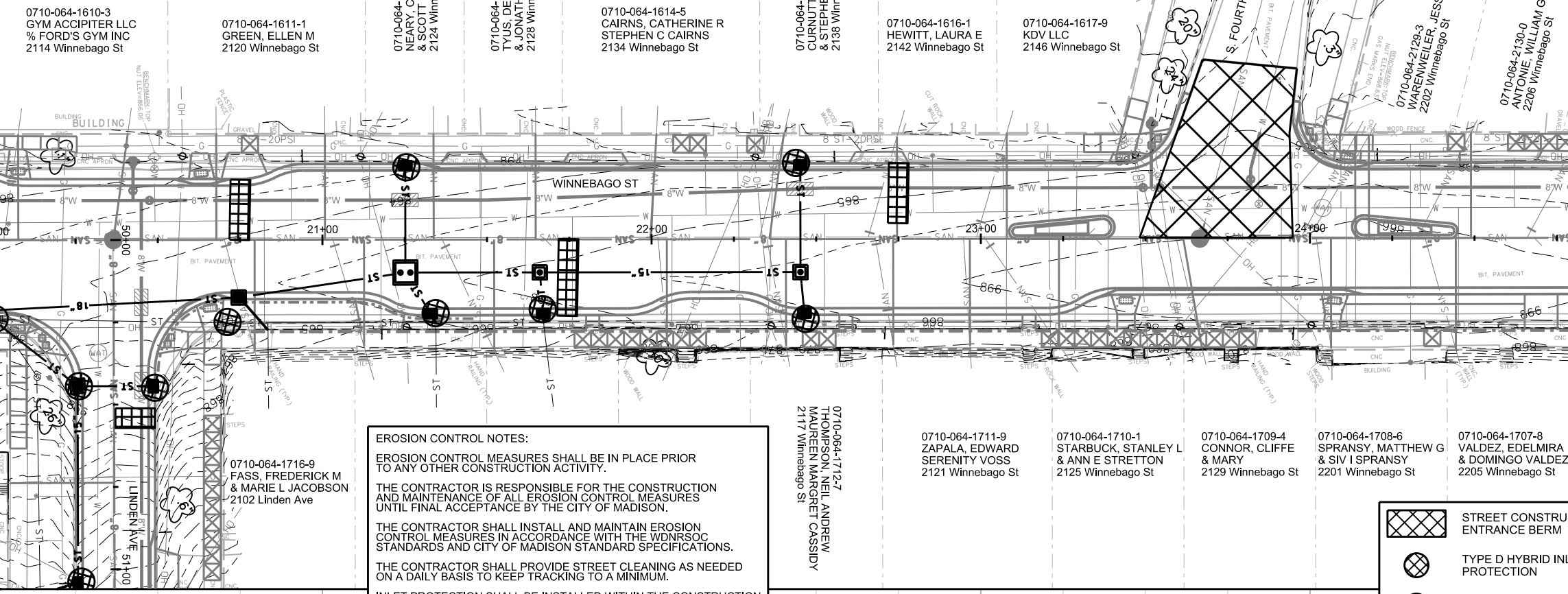
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN
WINNEBAGO ST. CITY OF MADISON



MATCHLINE STA 20+00.00

MATCHLINE STA 25+00.00



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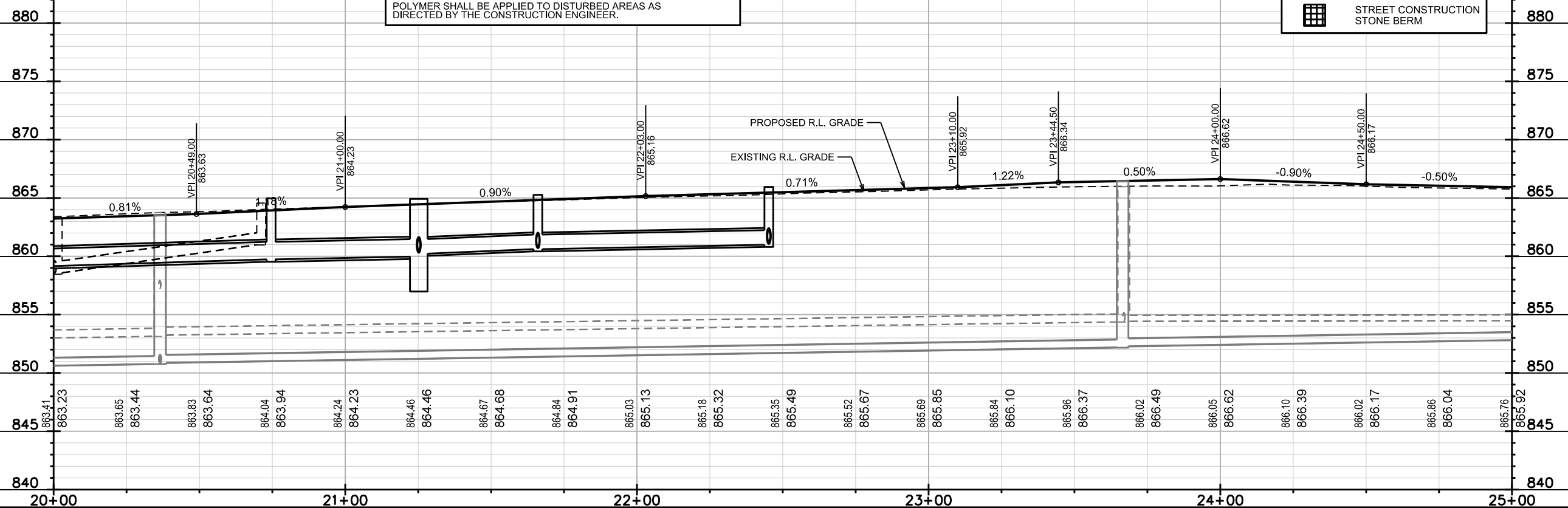
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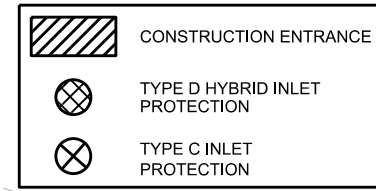
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	STREET CONSTRUCTION ENTRANCE BERM
	TYPE D HYBRID INLET PROTECTION
	TYPE C INLET PROTECTION
	STREET CONSTRUCTION STONE BERM



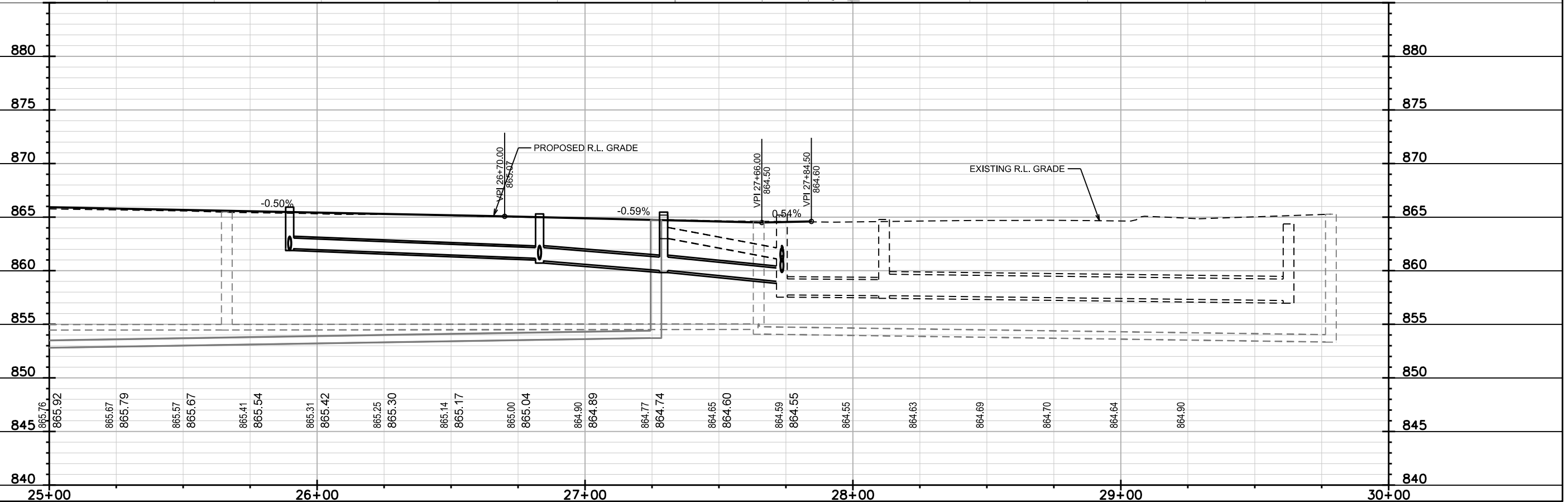
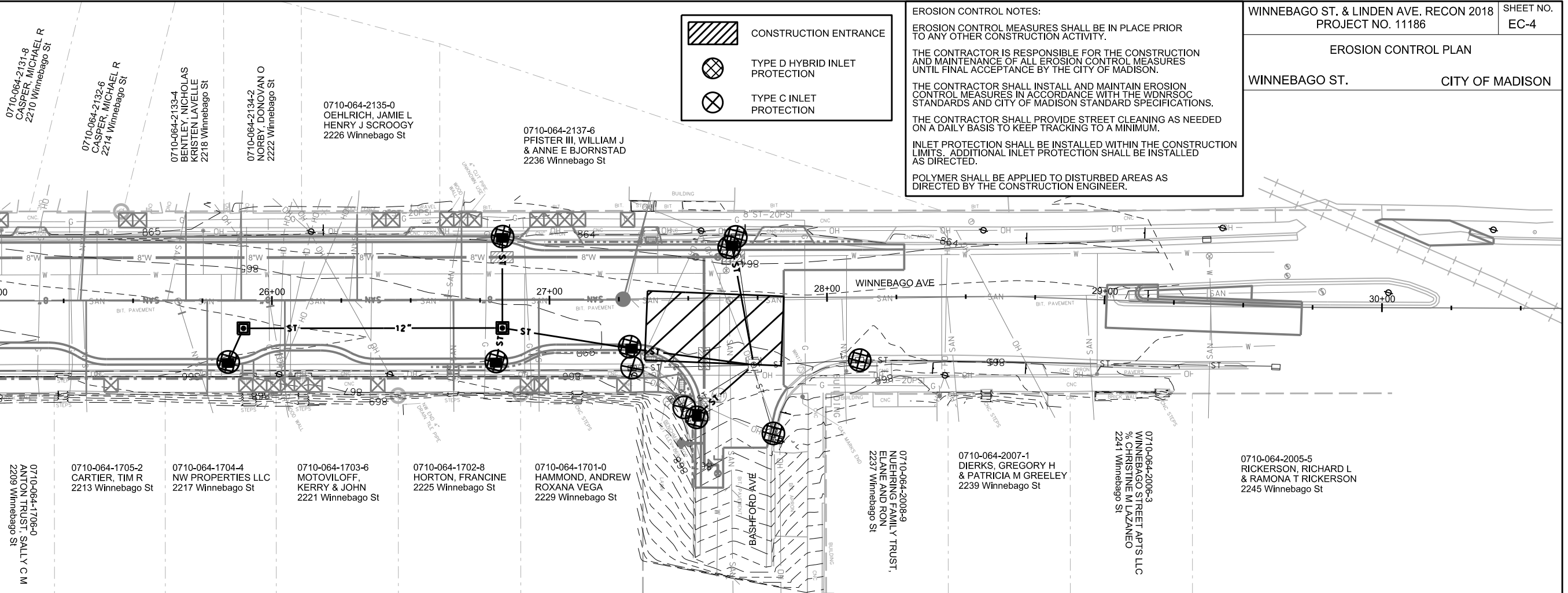
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EROSION CONTROL PLAN
WINNEBAGO ST. CITY OF MADISON



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MATCHLINE STA 25+00.00



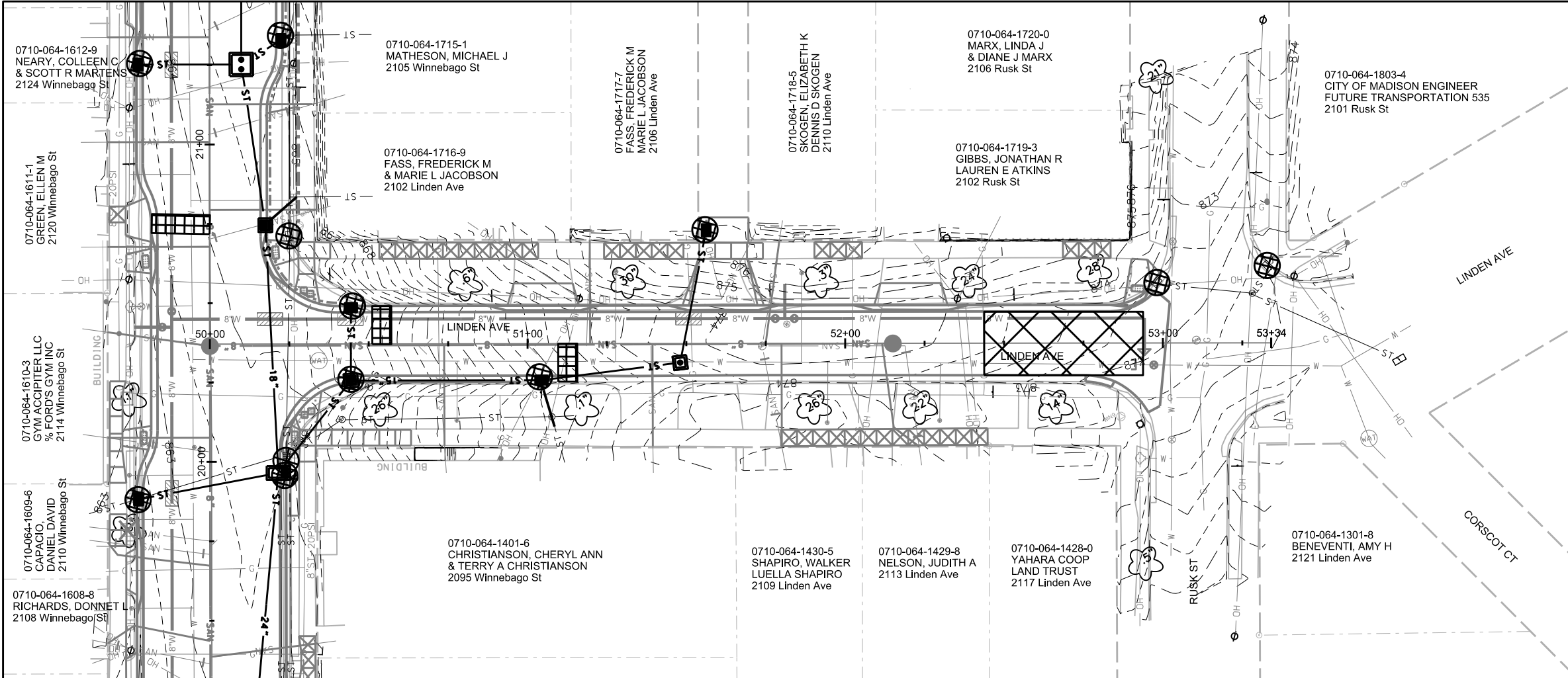
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN
LINDEN AVE. CITY OF MADISON



- STREET CONSTRUCTION ENTRANCE BERM
- TYPE D HYBRID INLET PROTECTION
- TYPE C INLET PROTECTION
- STREET CONSTRUCTION STONE BERM

EROSION CONTROL NOTES:

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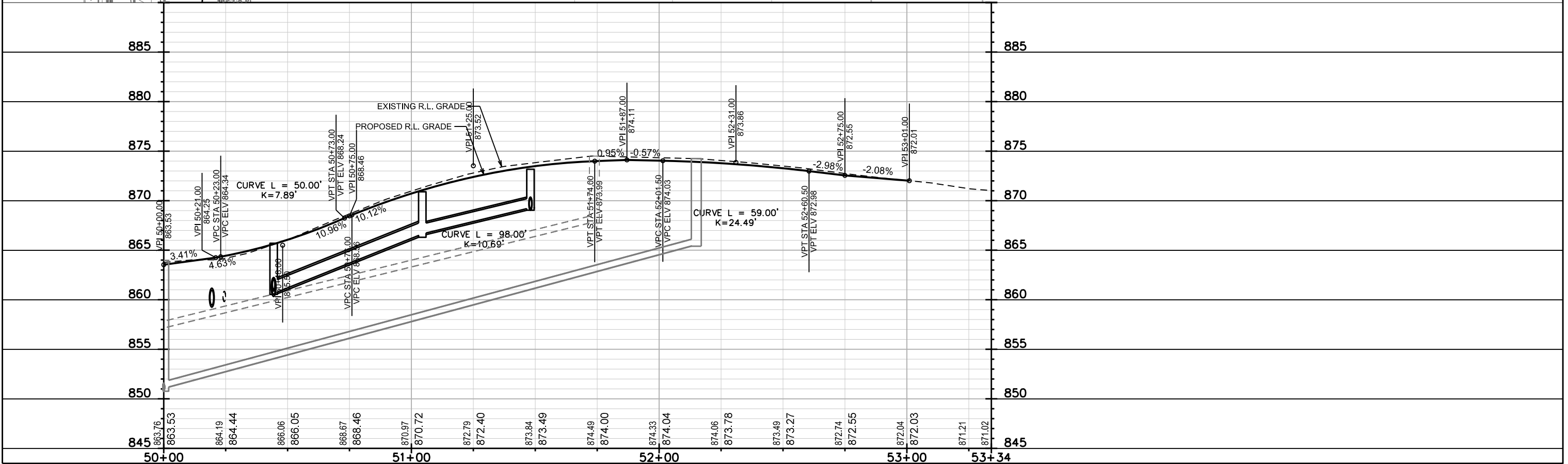
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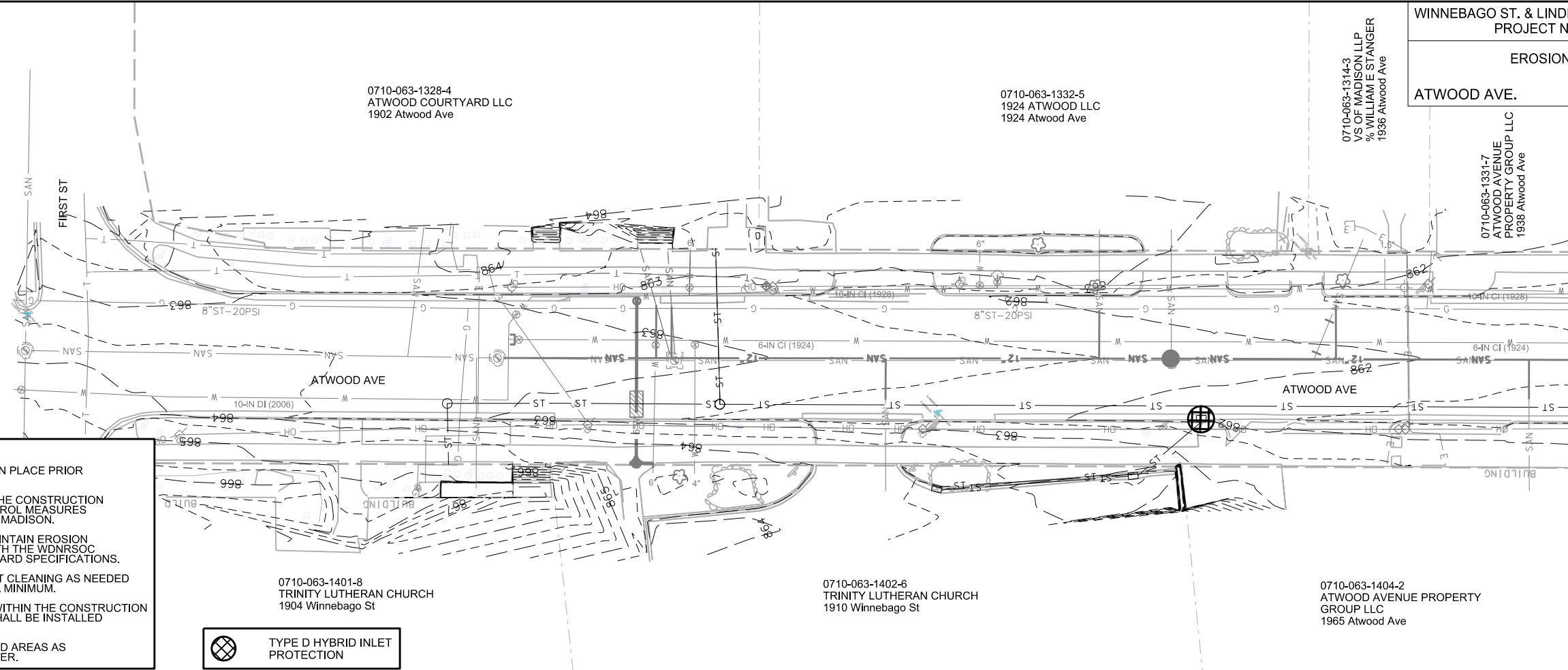
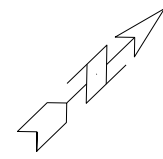
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REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN
ATWOOD AVE. CITY OF MADISON



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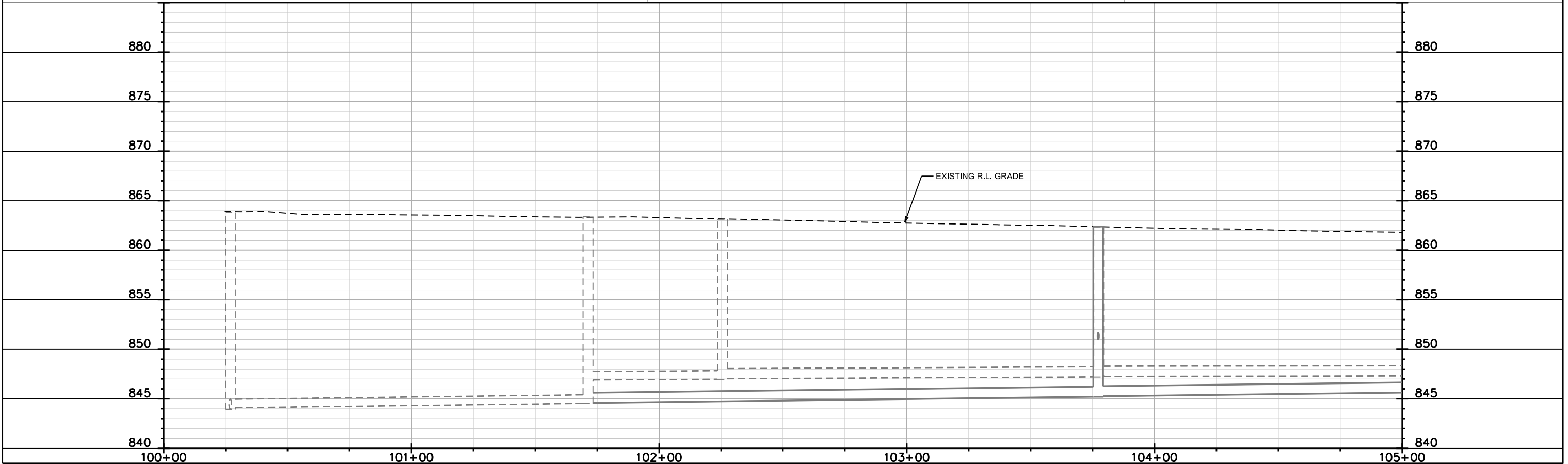
 TYPE D HYBRID INLET PROTECTION

PLOT SCALE:

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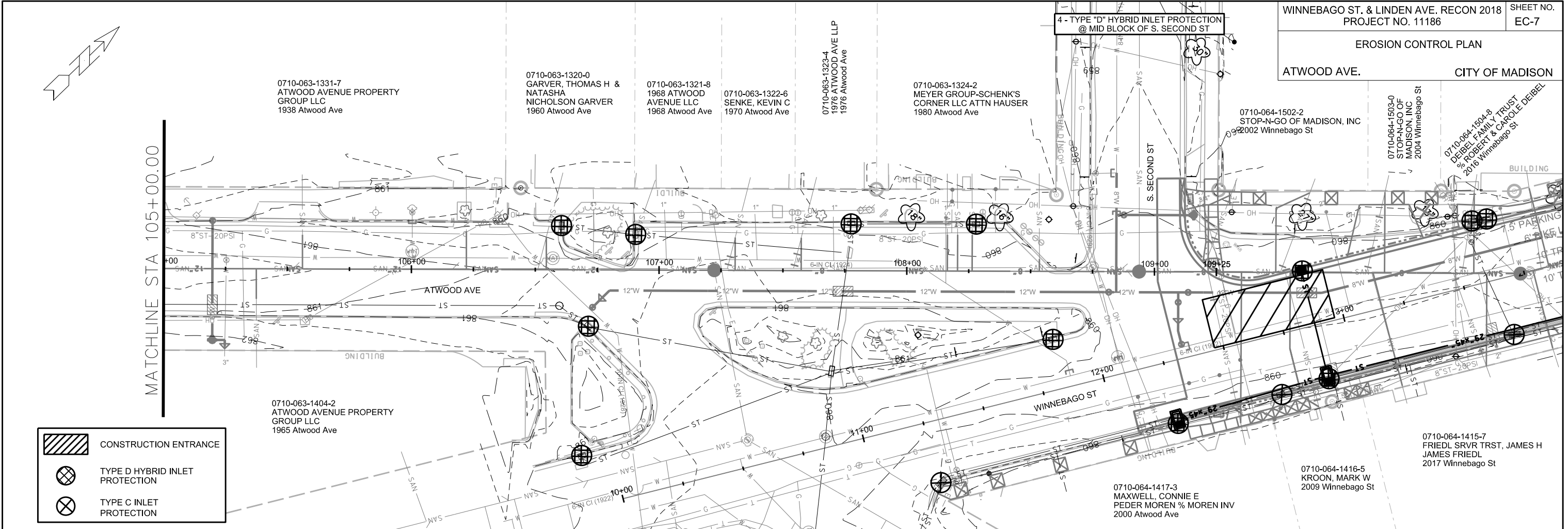
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



EROSION CONTROL PLAN

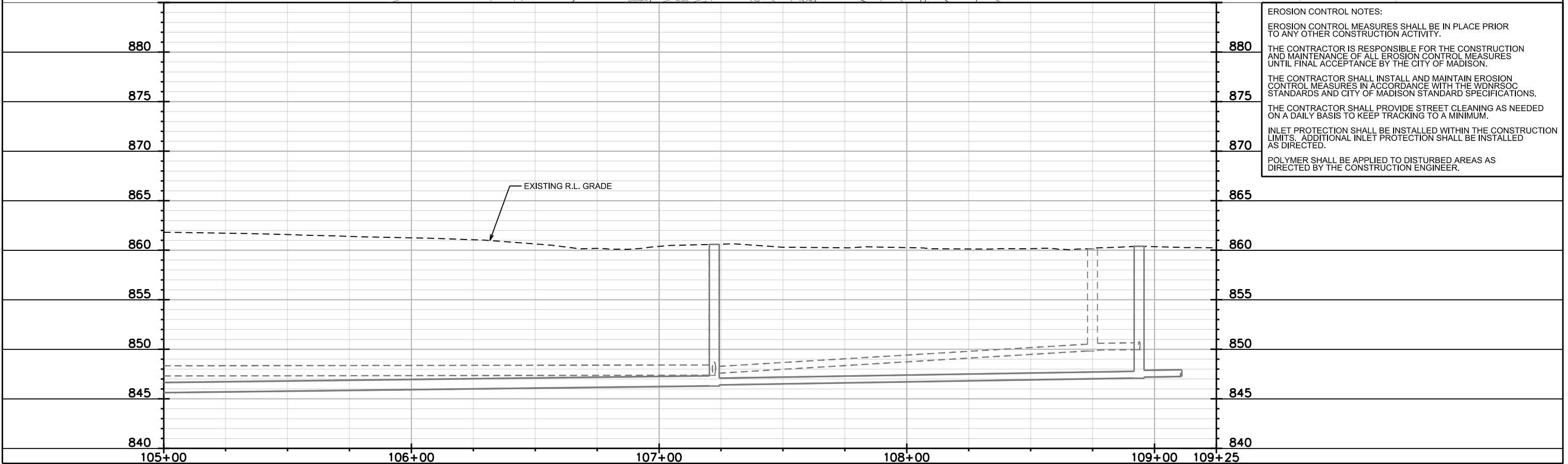
ATWOOD AVE. CITY OF MADISON



CONSTRUCTION ENTRANCE

TYPE D HYBRID INLET PROTECTION

TYPE C INLET PROTECTION



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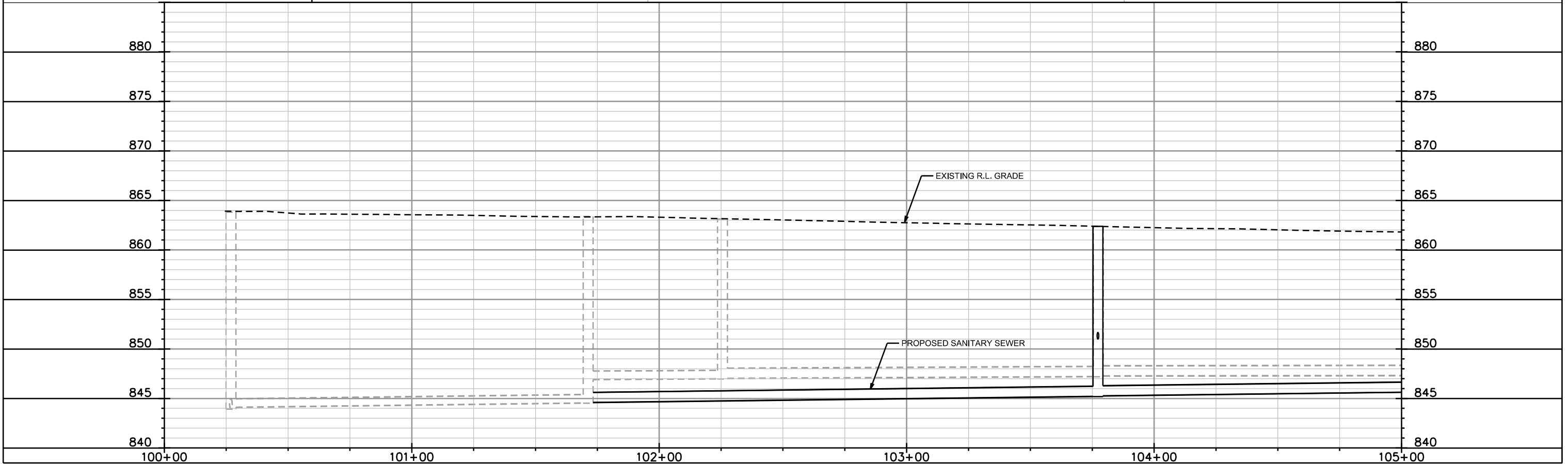
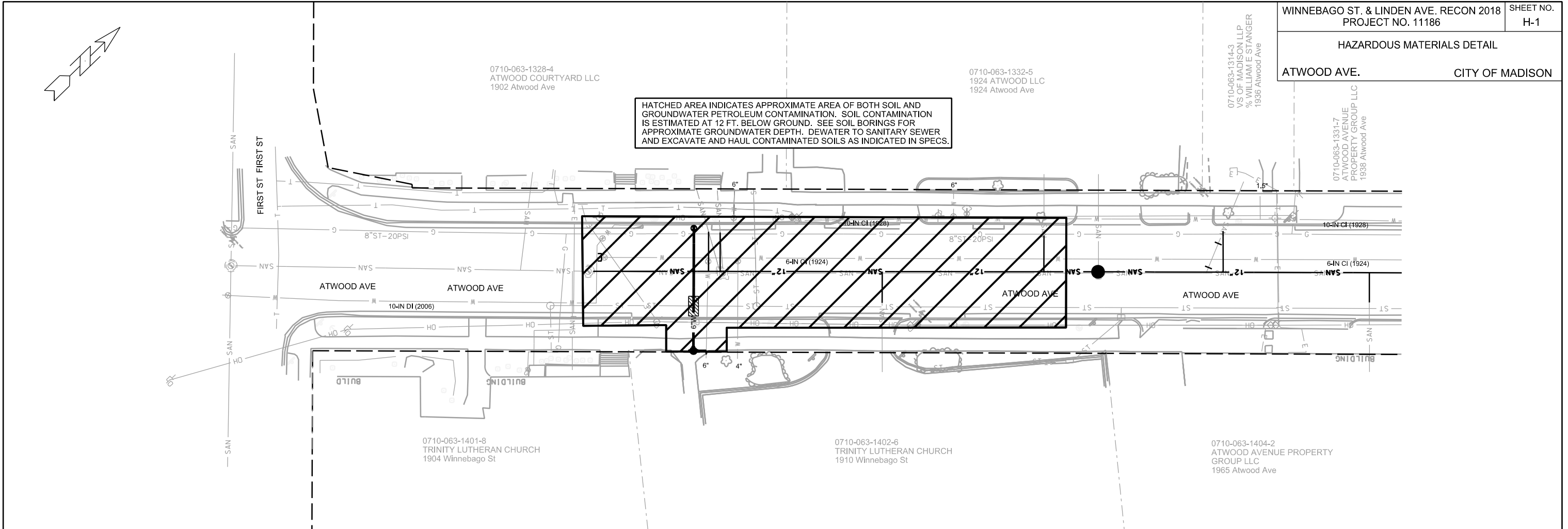
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PLOT SCALE:
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

HAZARDOUS MATERIALS DETAIL
ATWOOD AVE. CITY OF MADISON

HATCHED AREA INDICATES APPROXIMATE AREA OF BOTH SOIL AND GROUNDWATER PETROLEUM CONTAMINATION. SOIL CONTAMINATION IS ESTIMATED AT 12 FT. BELOW GROUND. SEE SOIL BORINGS FOR APPROXIMATE GROUNDWATER DEPTH. DEWATER TO SANITARY SEWER AND EXCAVATE AND HAUL CONTAMINATED SOILS AS INDICATED IN SPECS.

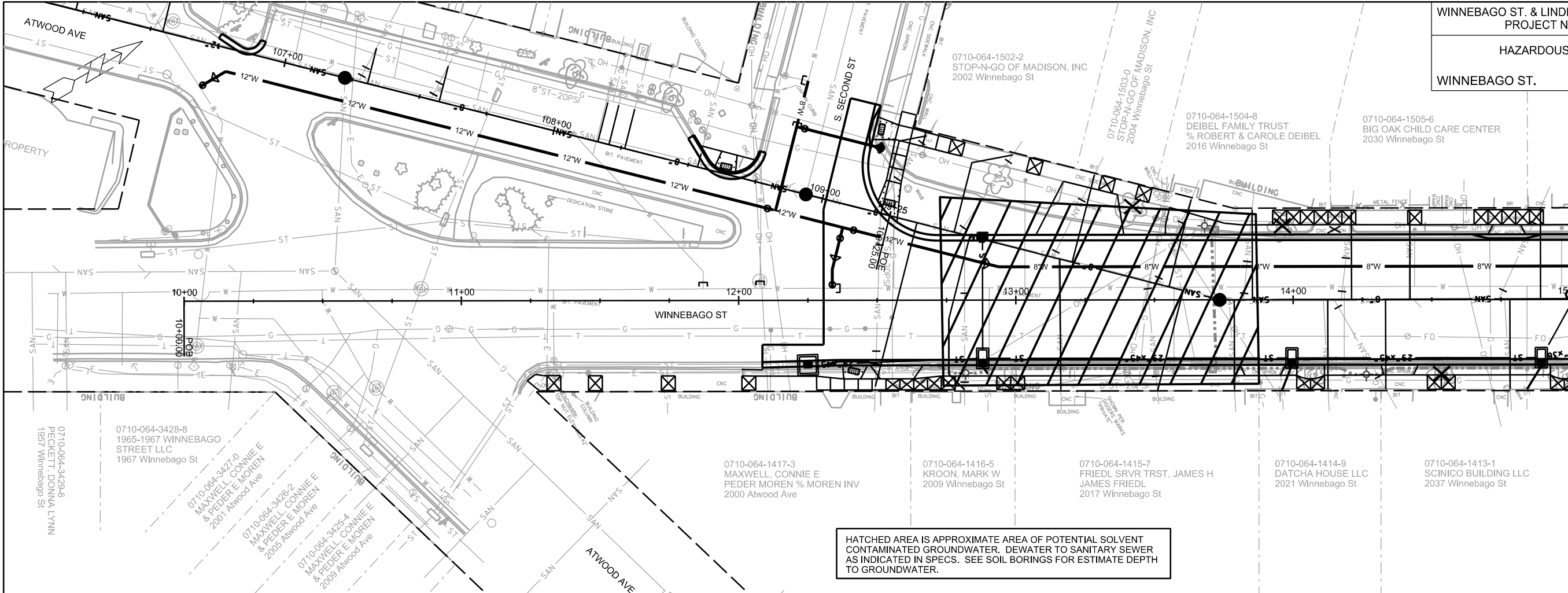


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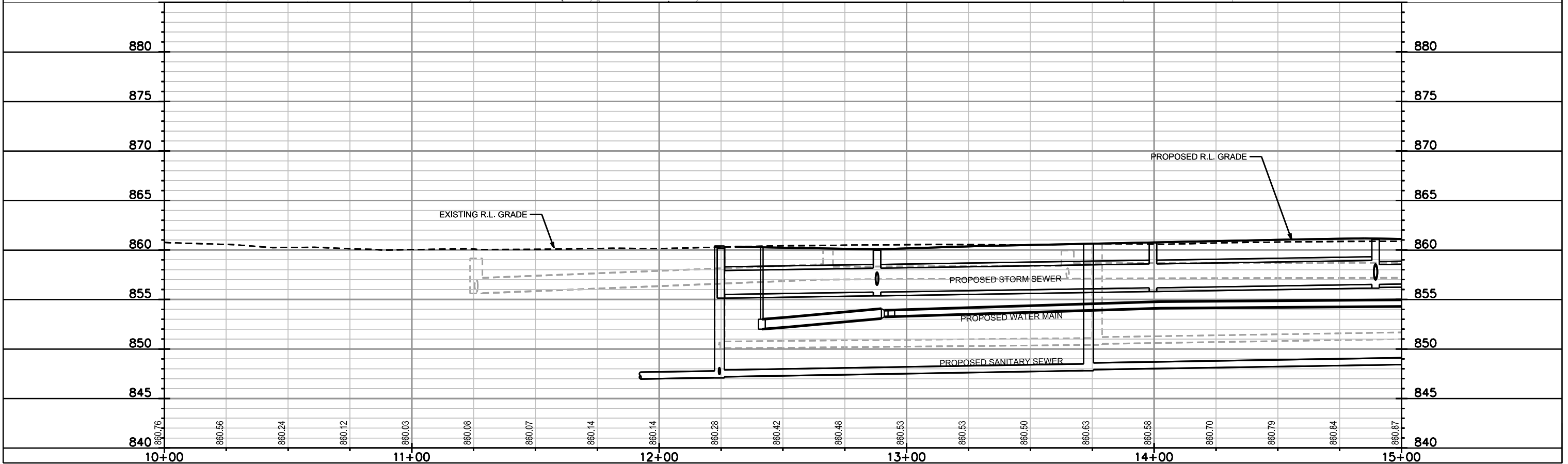
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



HATCHED AREA IS APPROXIMATE AREA OF POTENTIAL SOLVENT CONTAMINATED GROUNDWATER. DEWATER TO SANITARY SEWER AS INDICATED IN SPECS. SEE SOIL BORINGS FOR ESTIMATE DEPTH TO GROUNDWATER.



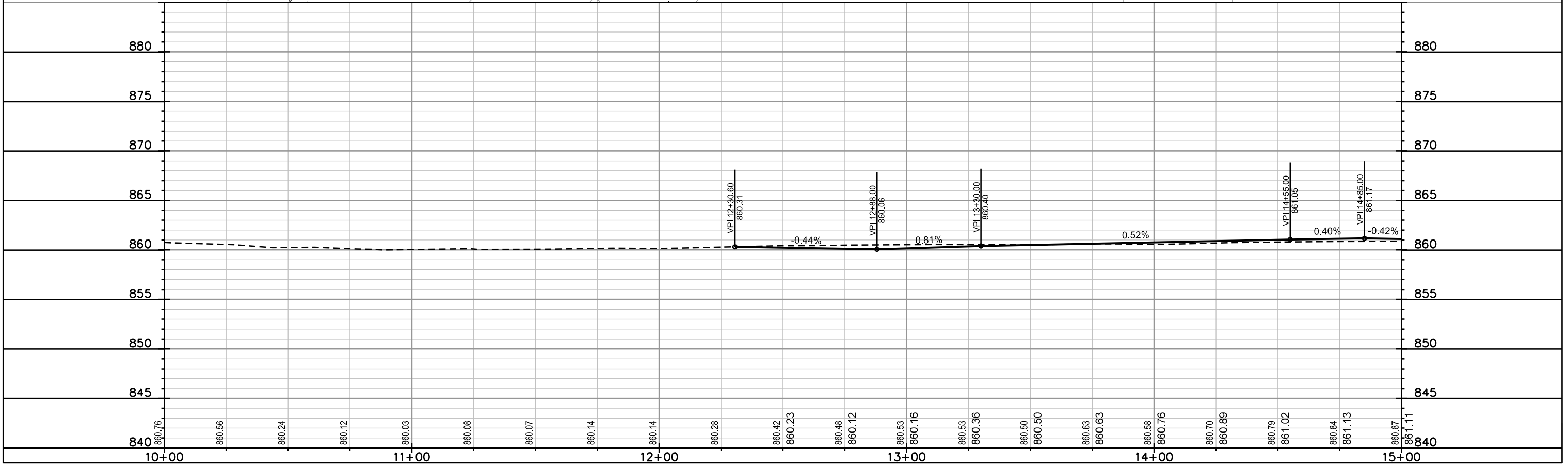
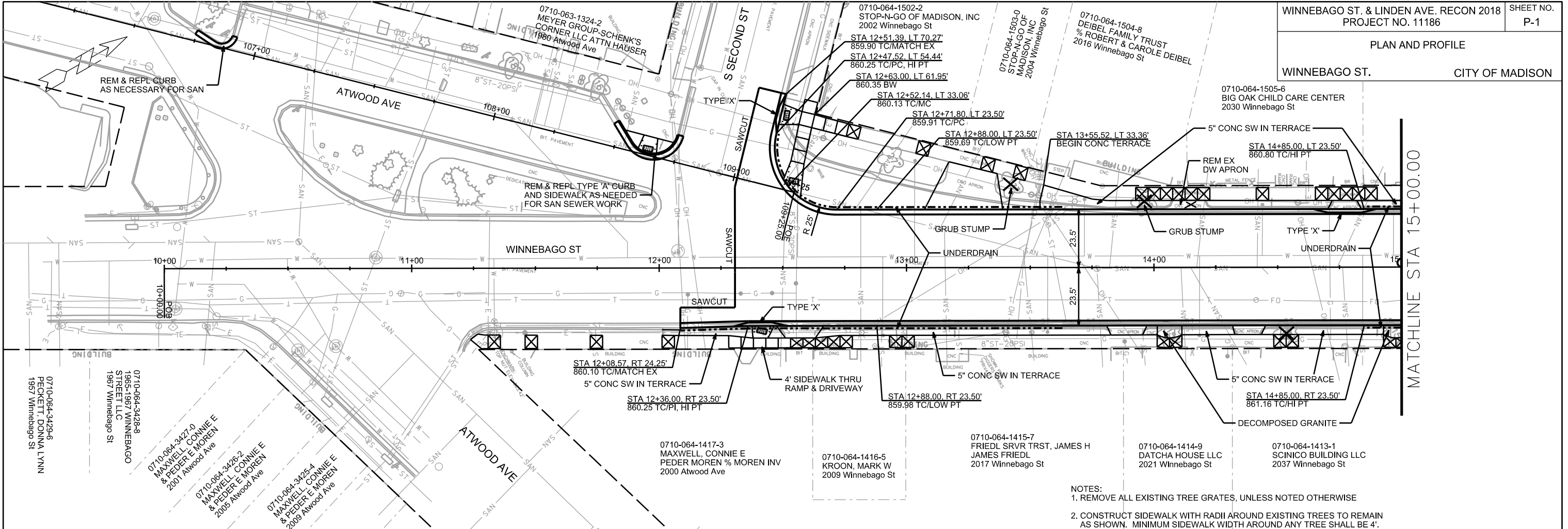
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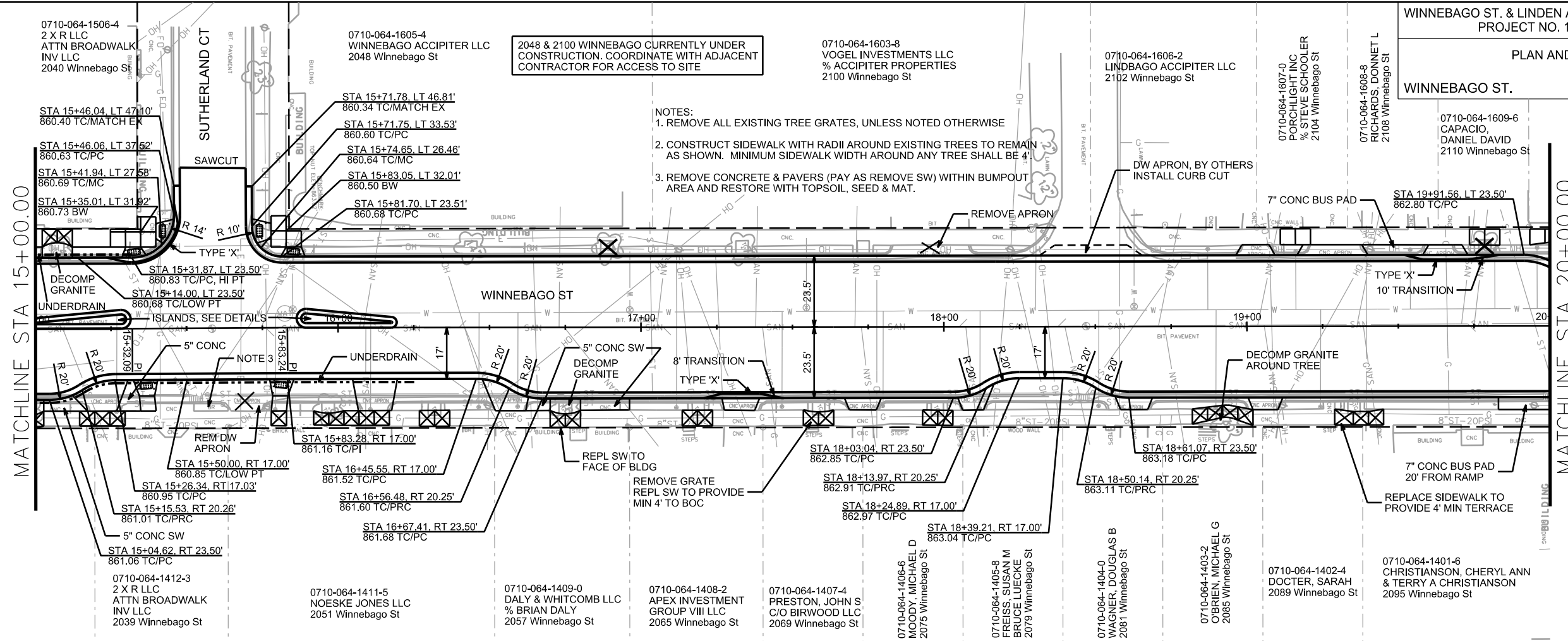
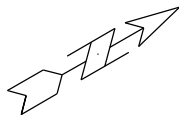
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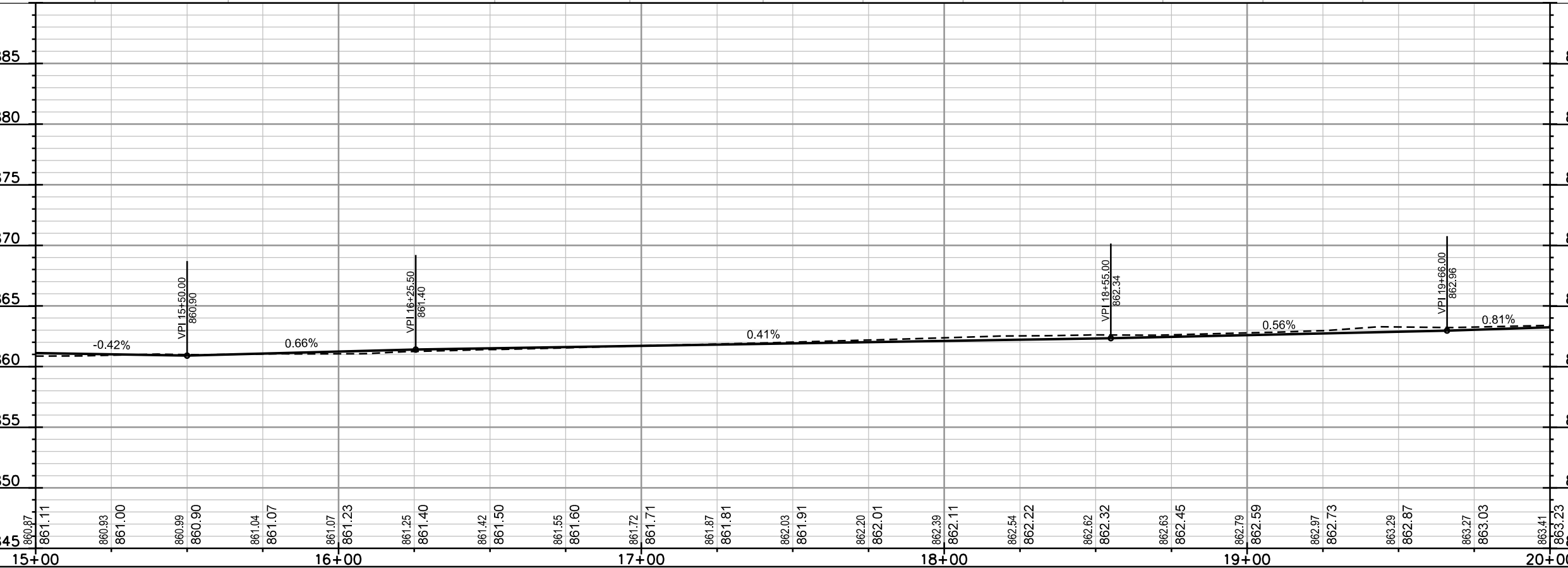
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
WINNEBAGO ST. CITY OF MADISON





- NOTES:
1. REMOVE ALL EXISTING TREE GRATES, UNLESS NOTED OTHERWISE
 2. CONSTRUCT SIDEWALK WITH RADII AROUND EXISTING TREES TO REMAIN AS SHOWN. MINIMUM SIDEWALK WIDTH AROUND ANY TREE SHALL BE 4'
 3. REMOVE CONCRETE & PAVERS (PAY AS REMOVE SW) WITHIN BUMPOUT AREA AND RESTORE WITH TOPSOIL, SEED & MAT.

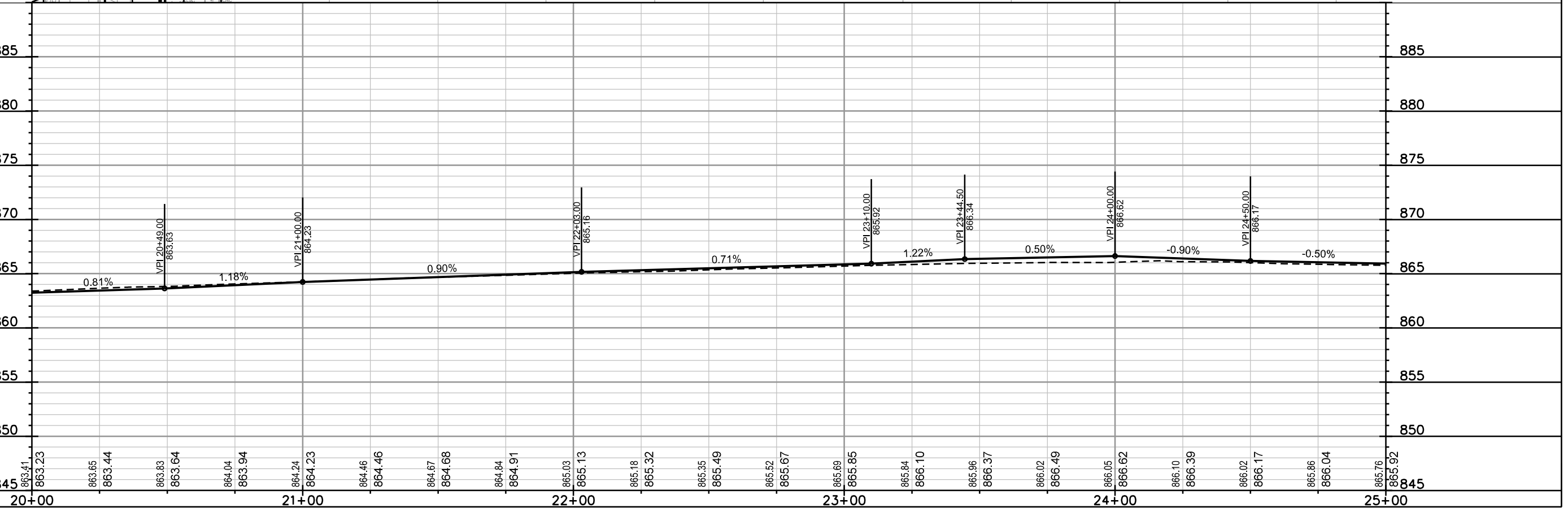
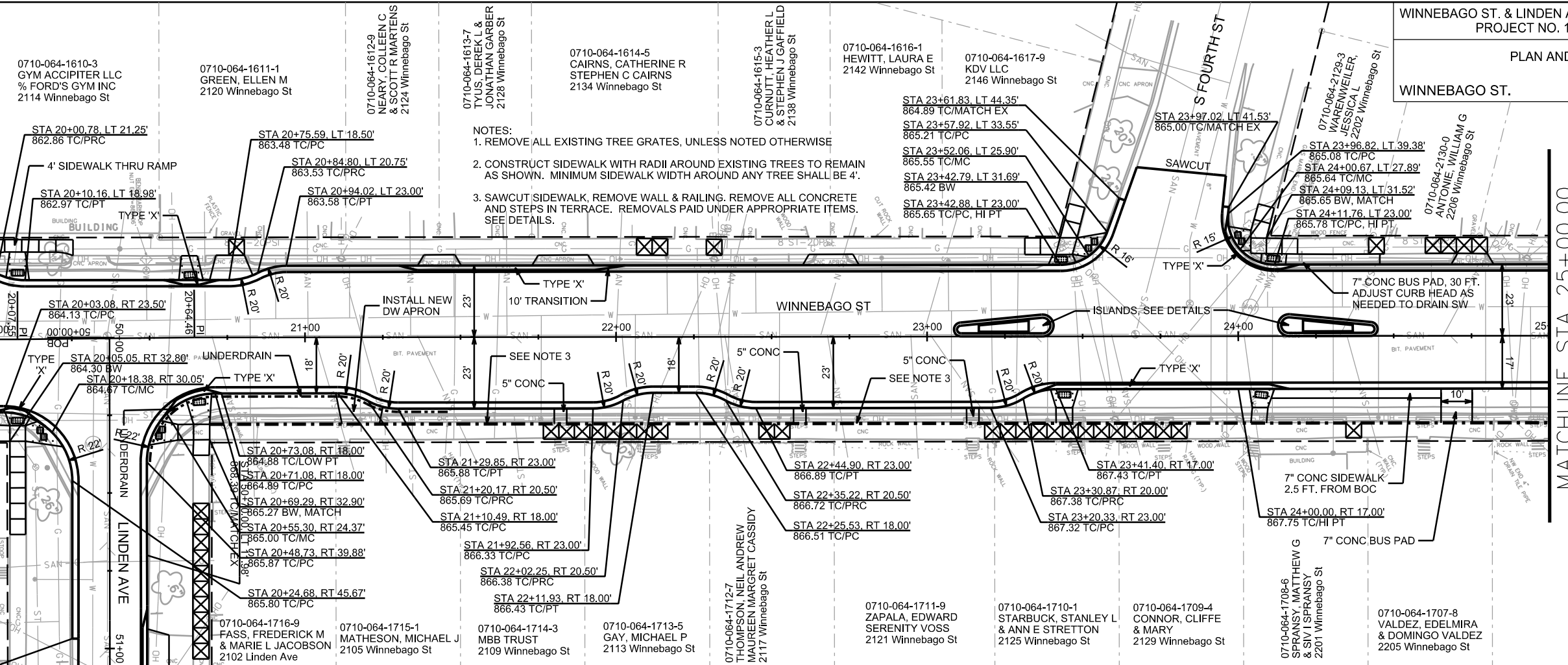
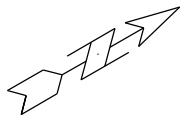


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PLAN AND PROFILE CITY OF MADISON



PLOT NAME: _____

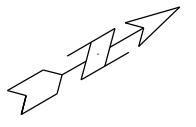
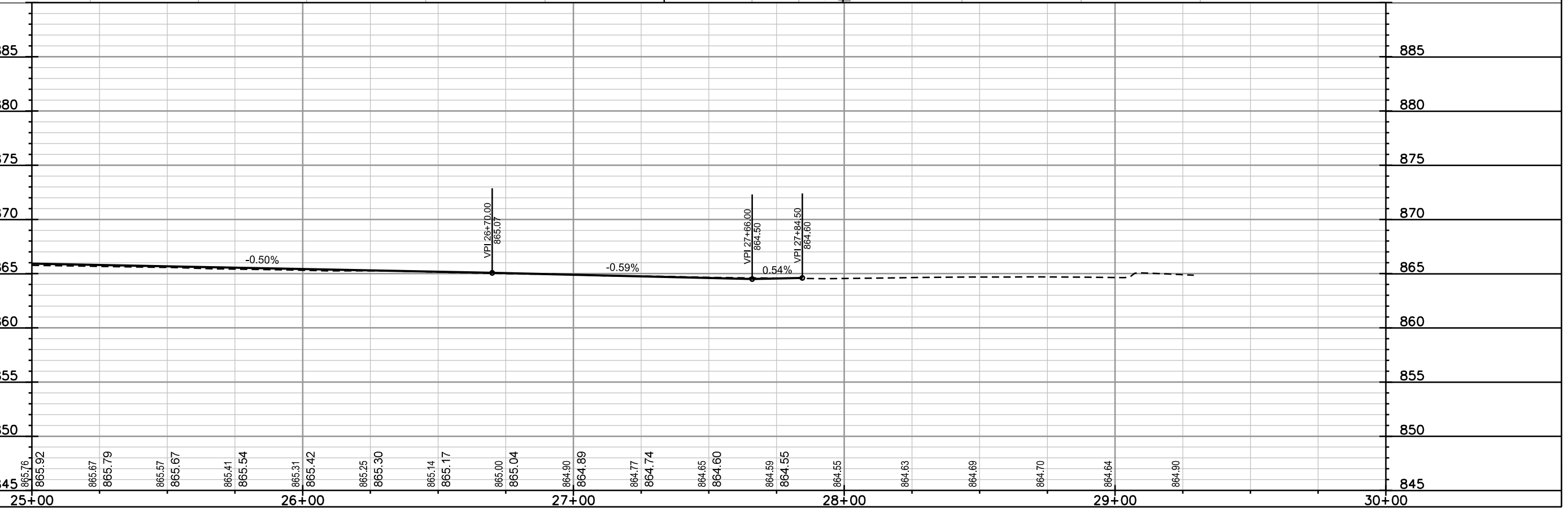
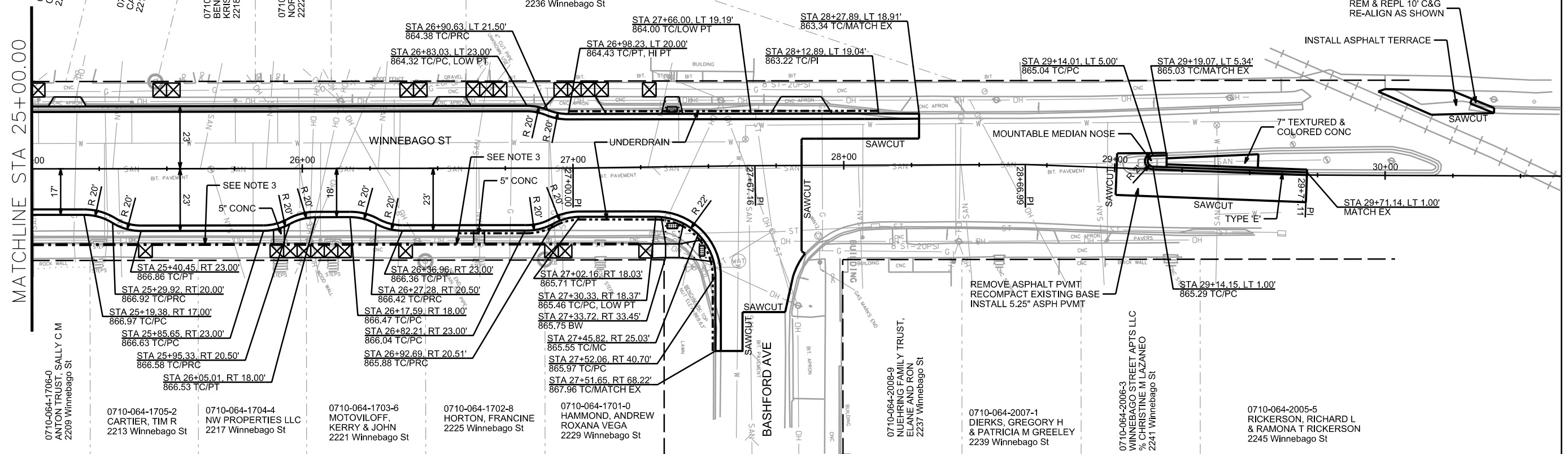
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PLAN AND PROFILE
WINNEBAGO ST. CITY OF MADISON

- NOTES:
 1. REMOVE ALL EXISTING TREE GRATES, UNLESS NOTED OTHERWISE
 2. CONSTRUCT SIDEWALK WITH RADII AROUND EXISTING TREES TO REMAIN AS SHOWN. MINIMUM SIDEWALK WIDTH AROUND ANY TREE SHALL BE 4'.
 3. SAWCUT SIDEWALK, REMOVE WALL & RAILING. REMOVE ALL CONCRETE AND STEPS IN TERRACE. REMOVALS PAID UNDER APPROPRIATE ITEMS. SEE DETAILS.

0710-064-2138-4
 STATE OF WI WISDOT
 RAILROAD ROW LEASE
 2240 Winnebago St

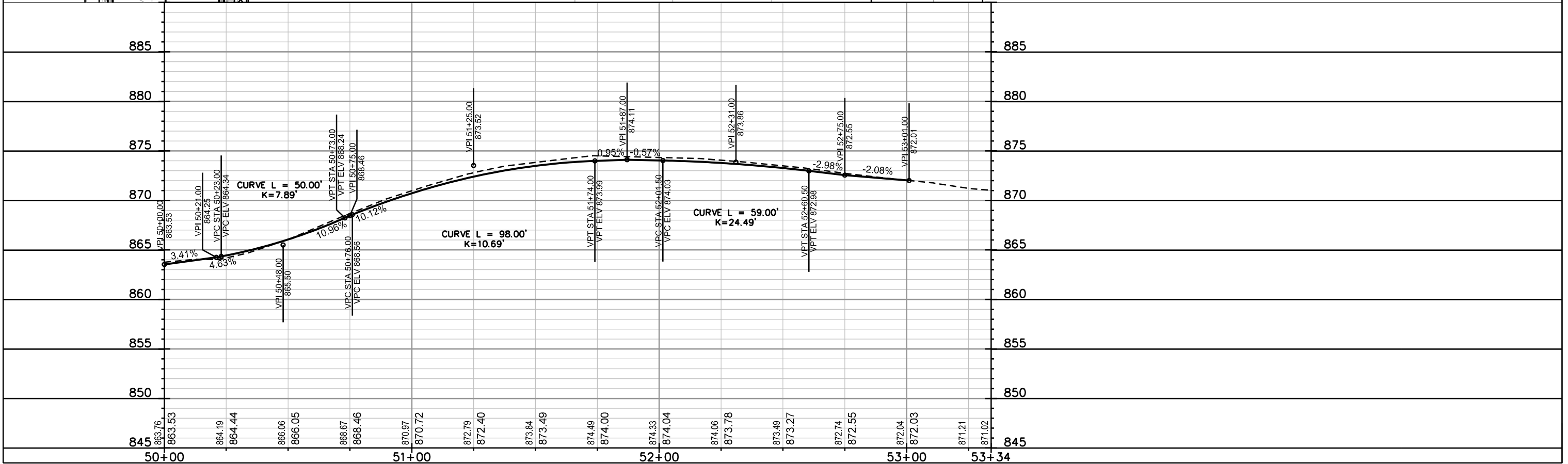
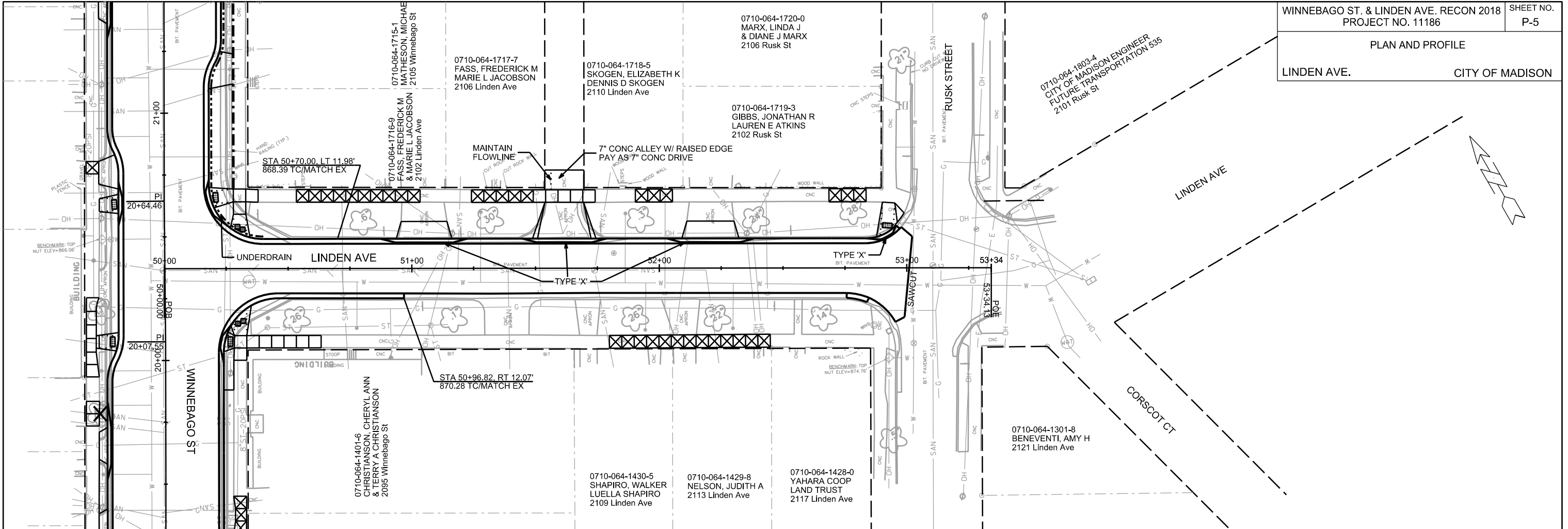


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

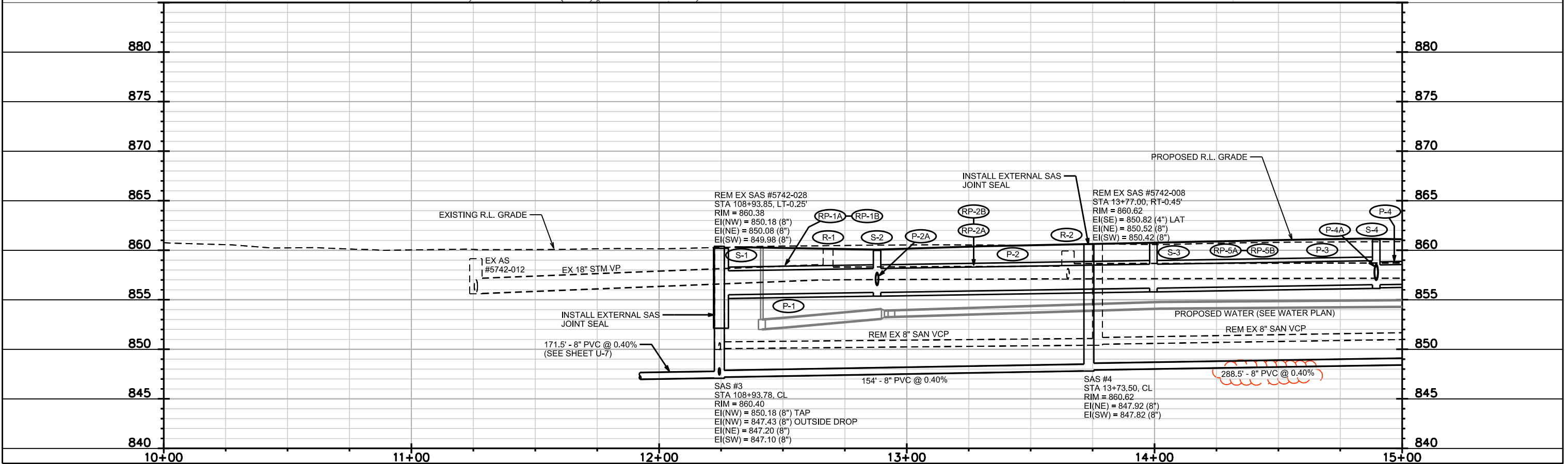
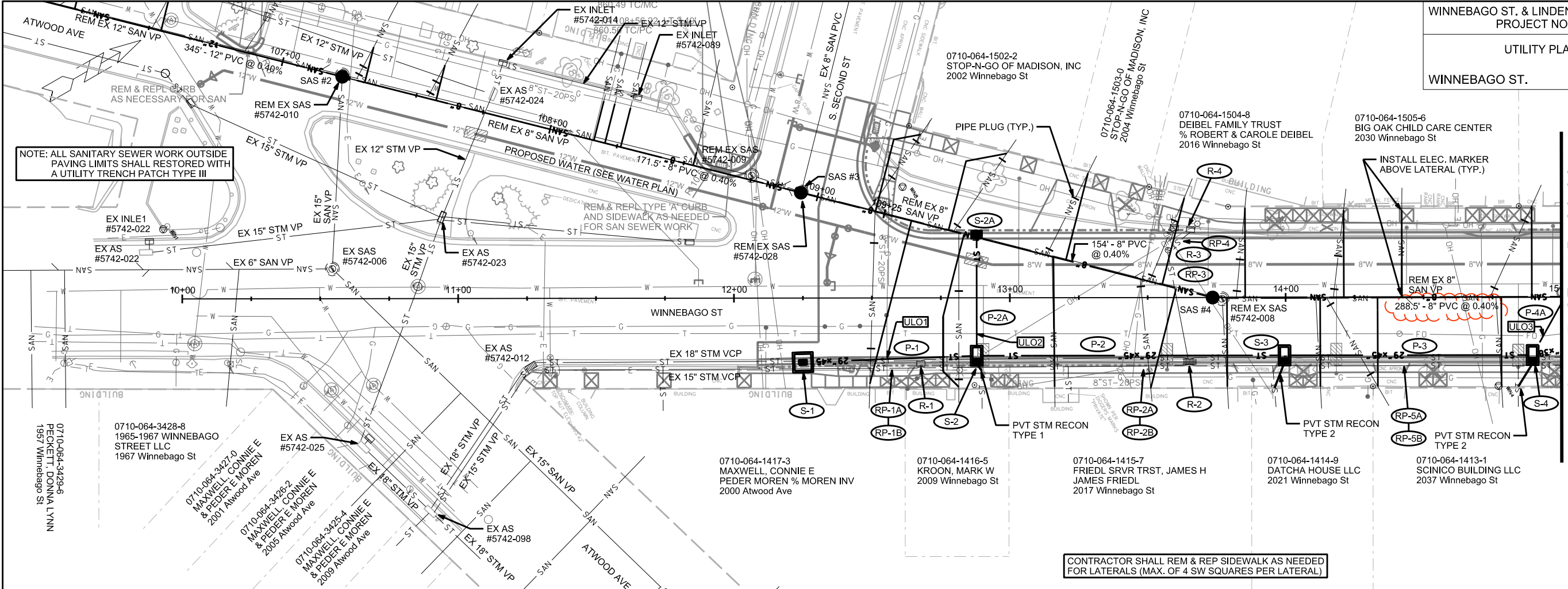


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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



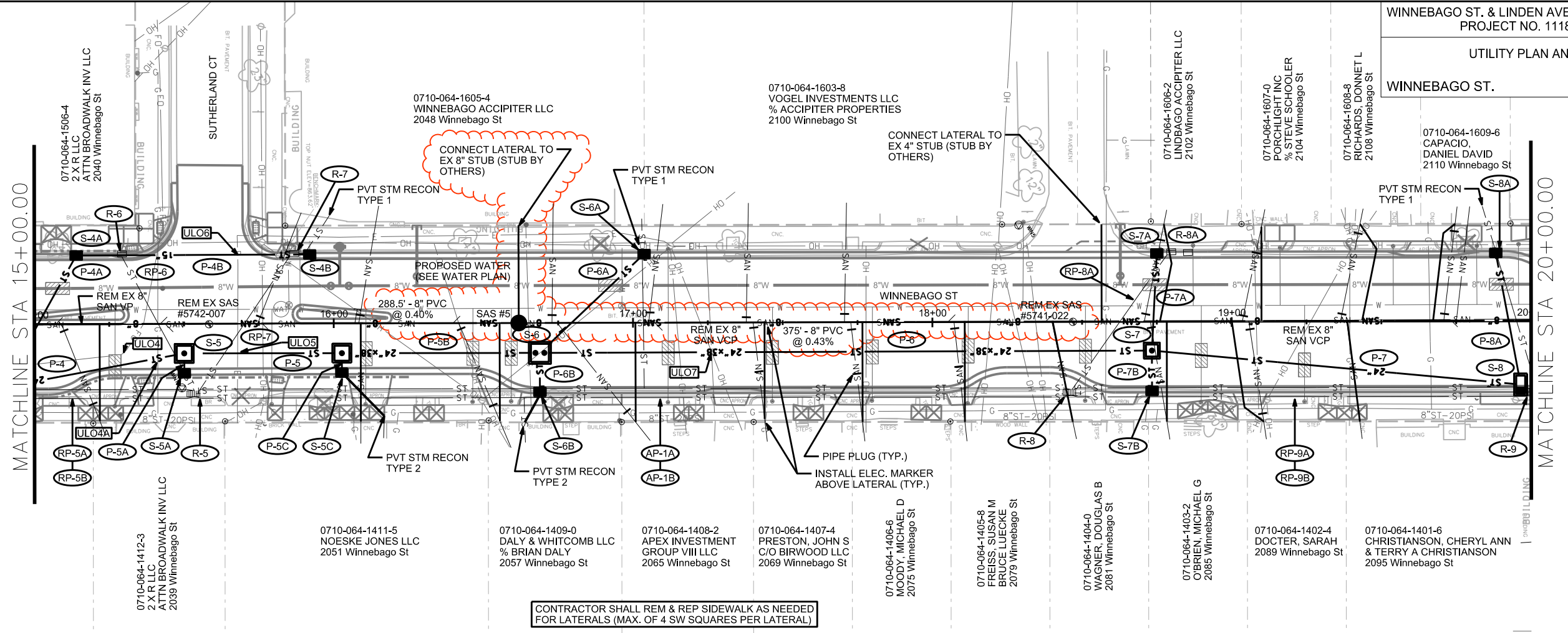
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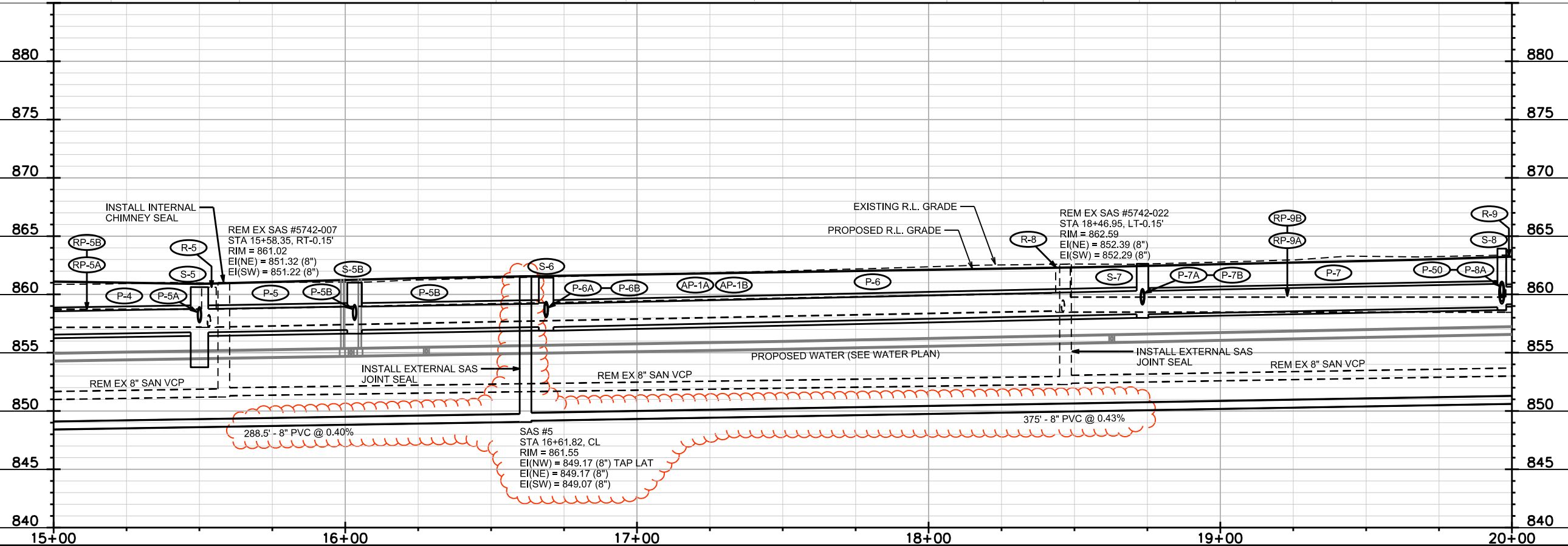
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 9/17/2018 KDF
 REVISED 3/20/2019 KDF
 -ADJUSTED LAT LOC.
 FOR 2048 WINNEBAGO
 & MOVED SAS #5 &
 REM. SAS #6



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

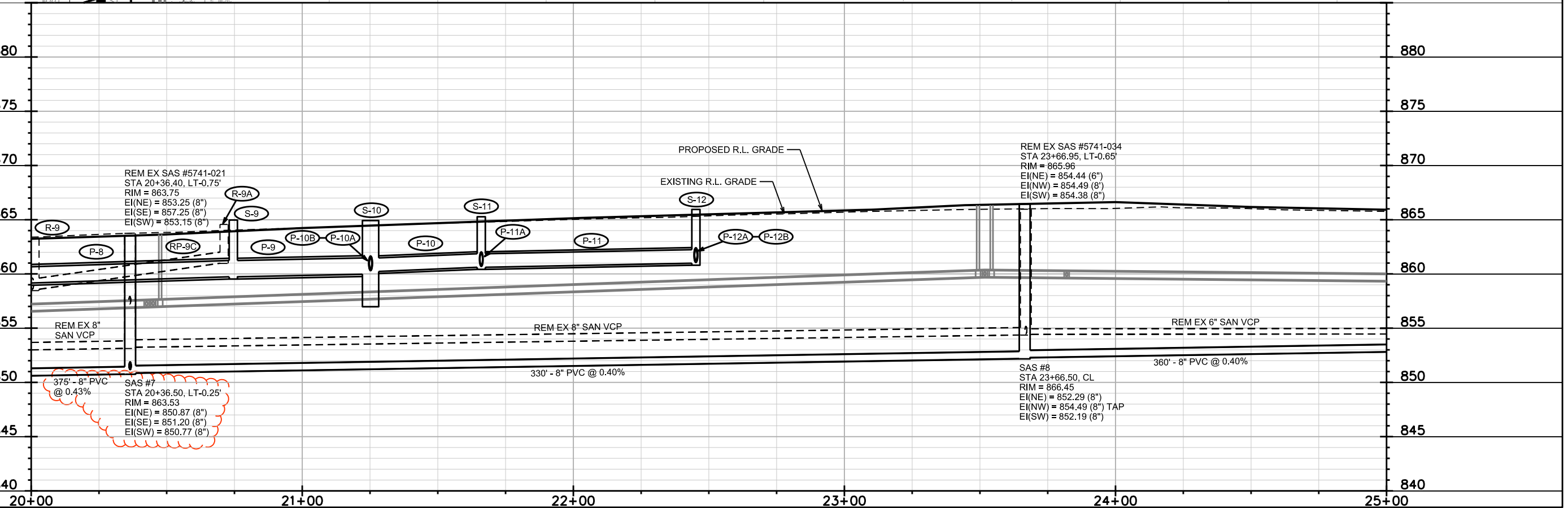
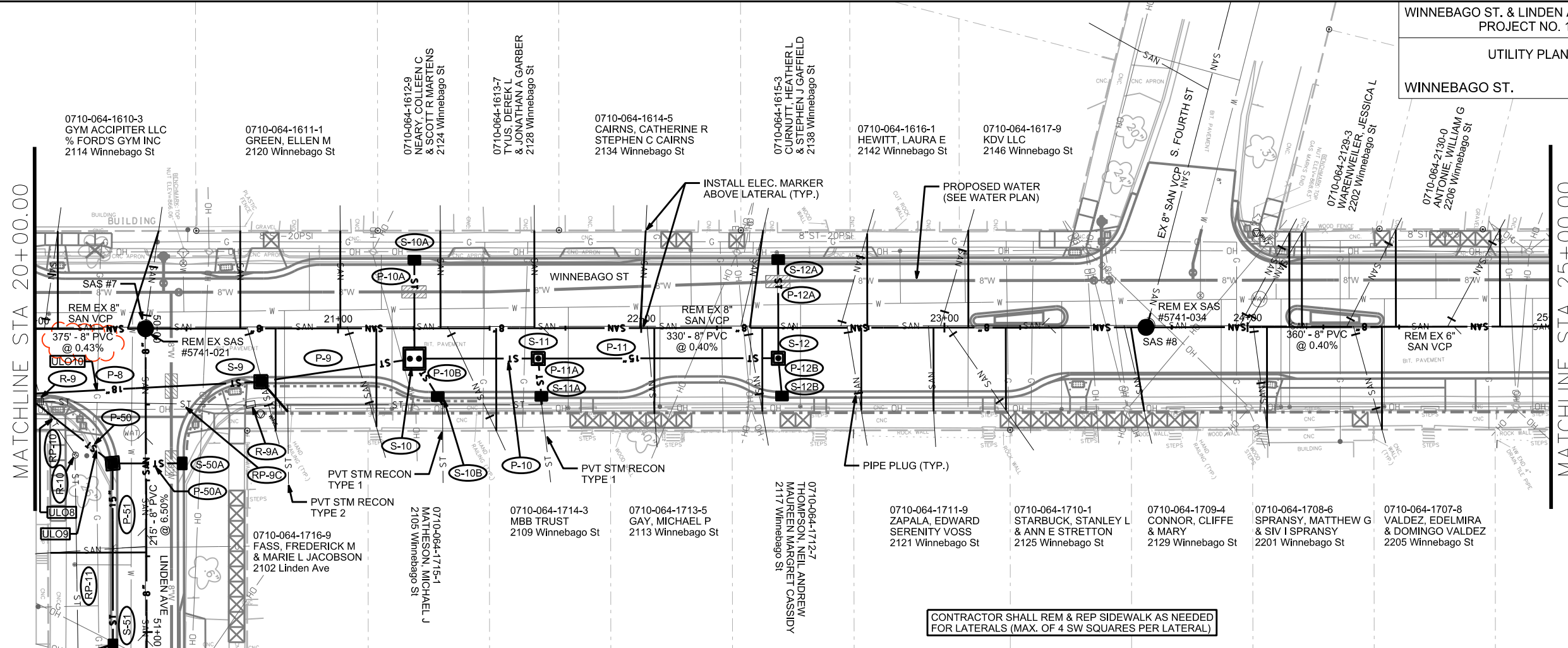
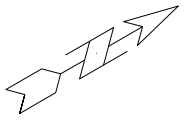


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

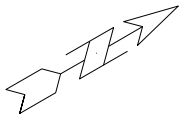


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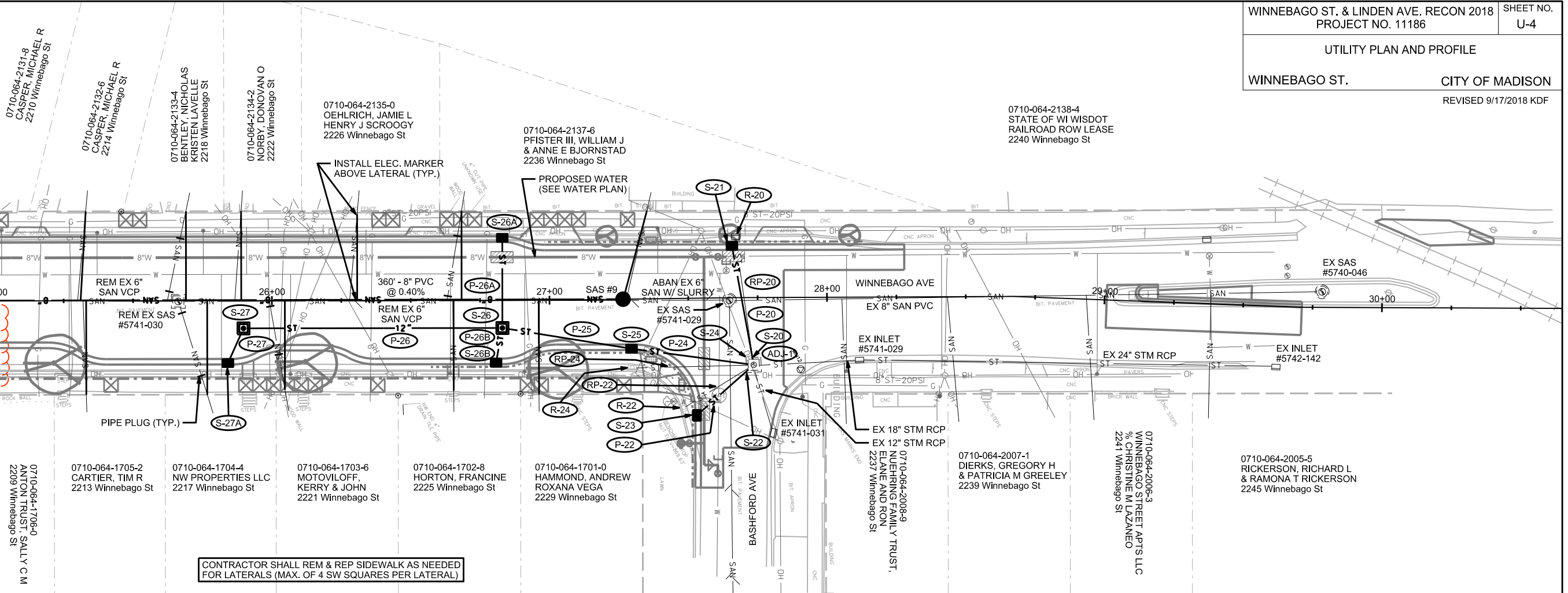
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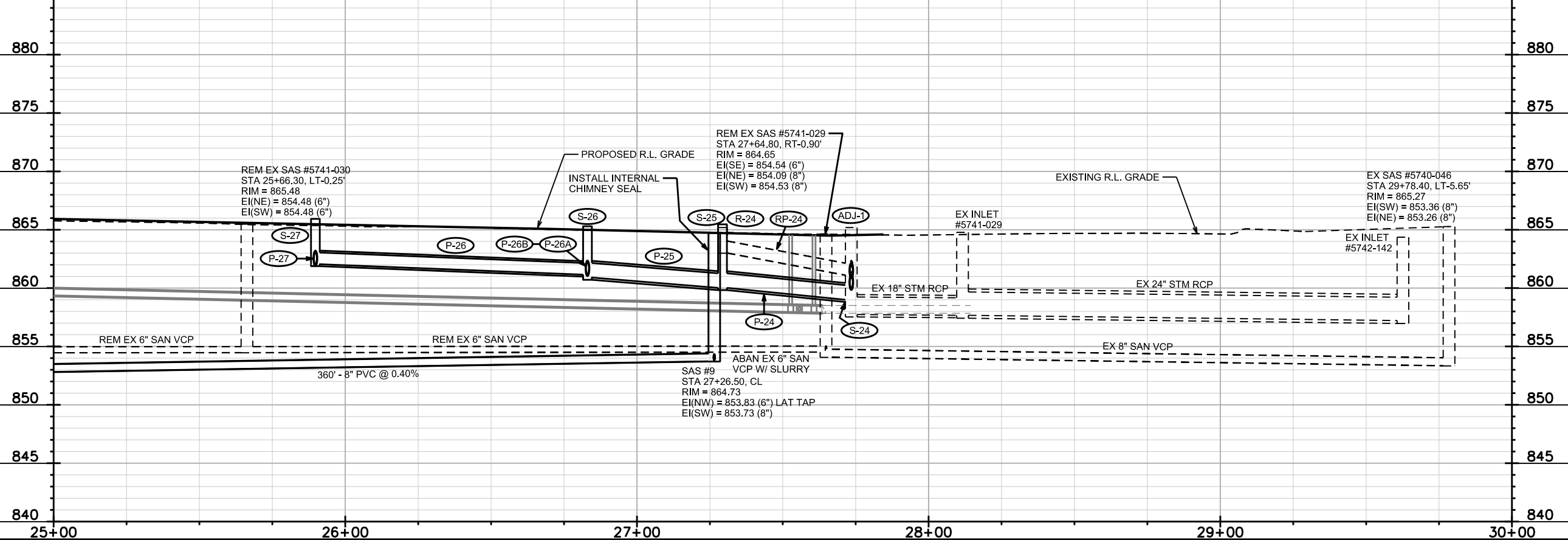
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MATCHLINE STA 25+00.00



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

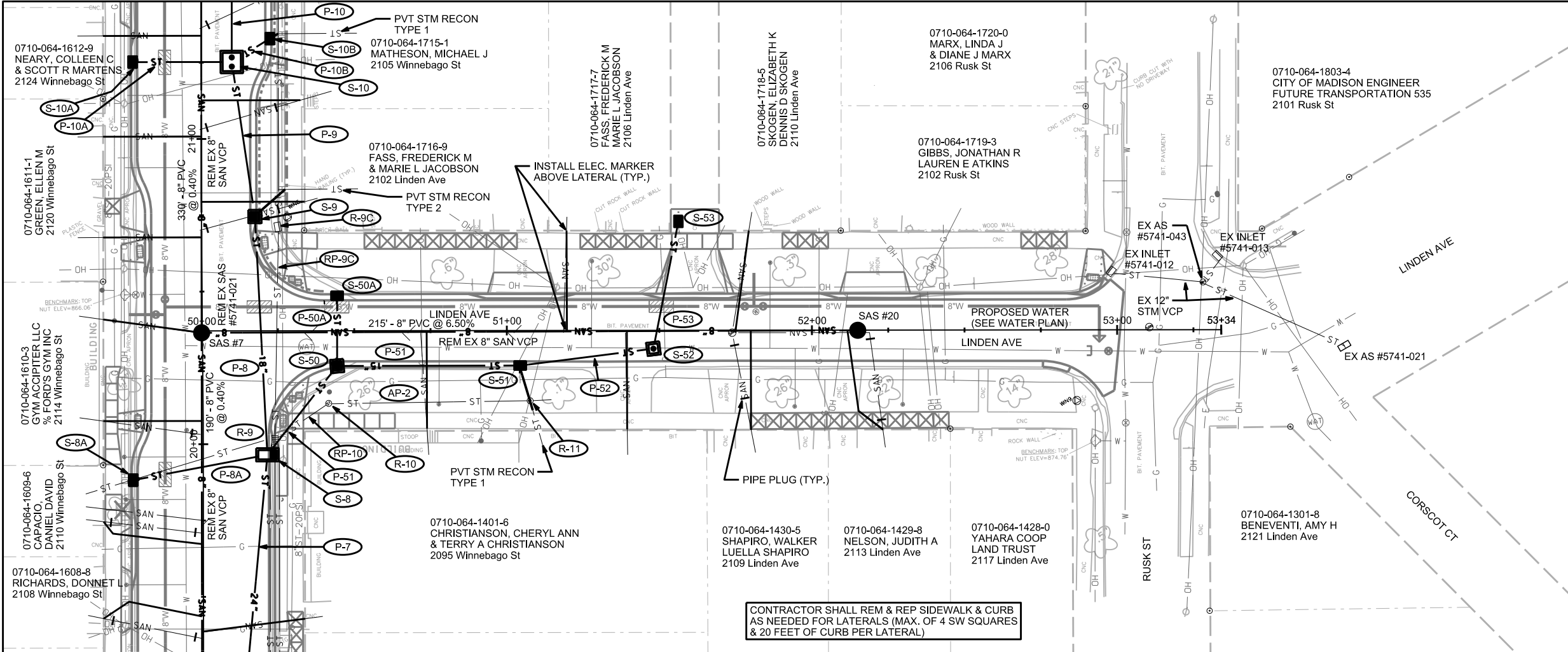


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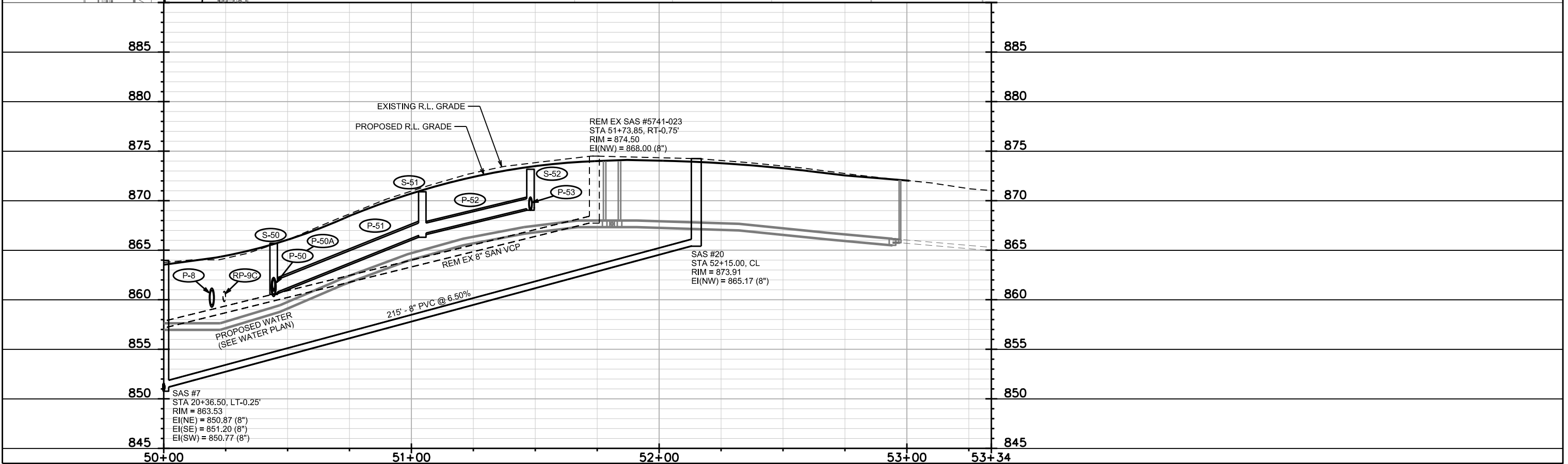
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES & 20 FEET OF CURB PER LATERAL)



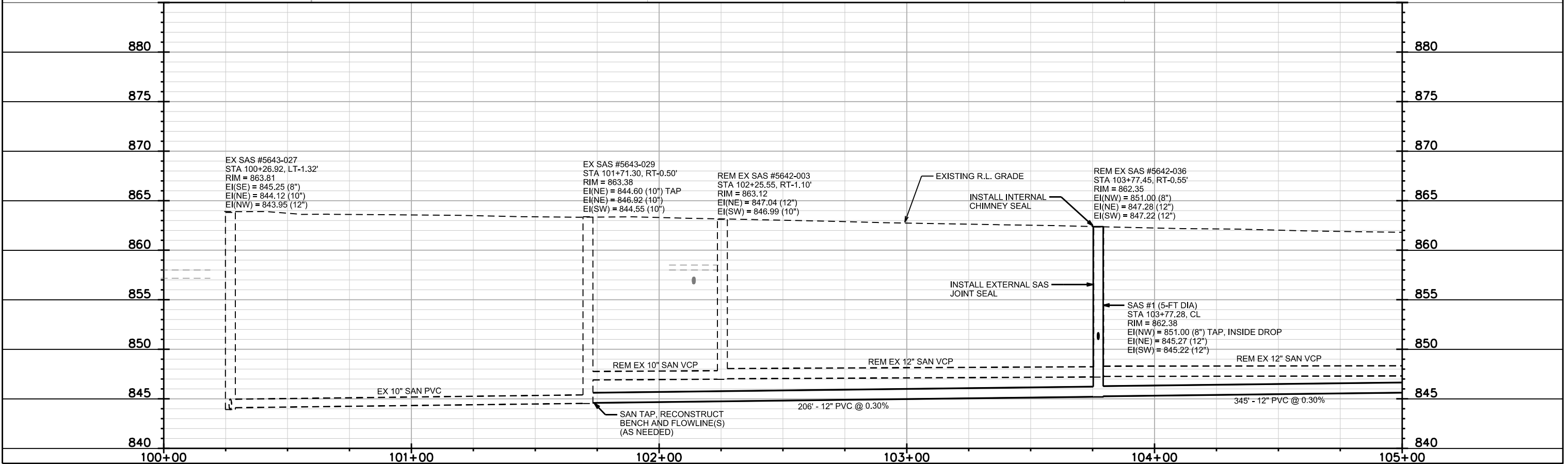
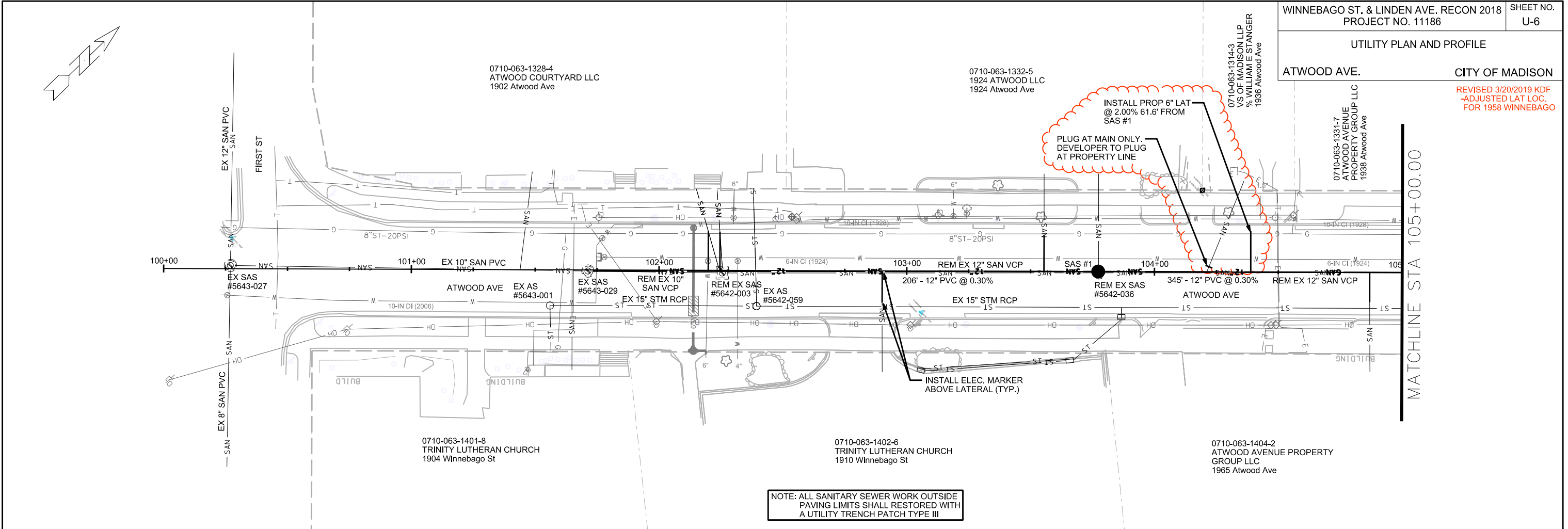
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 3/20/2019 KDF
-ADJUSTED LAT LOC.
FOR 1958 WINNEBAGO



PLOT SCALE:

PLOT NAME:

REV. DATE:

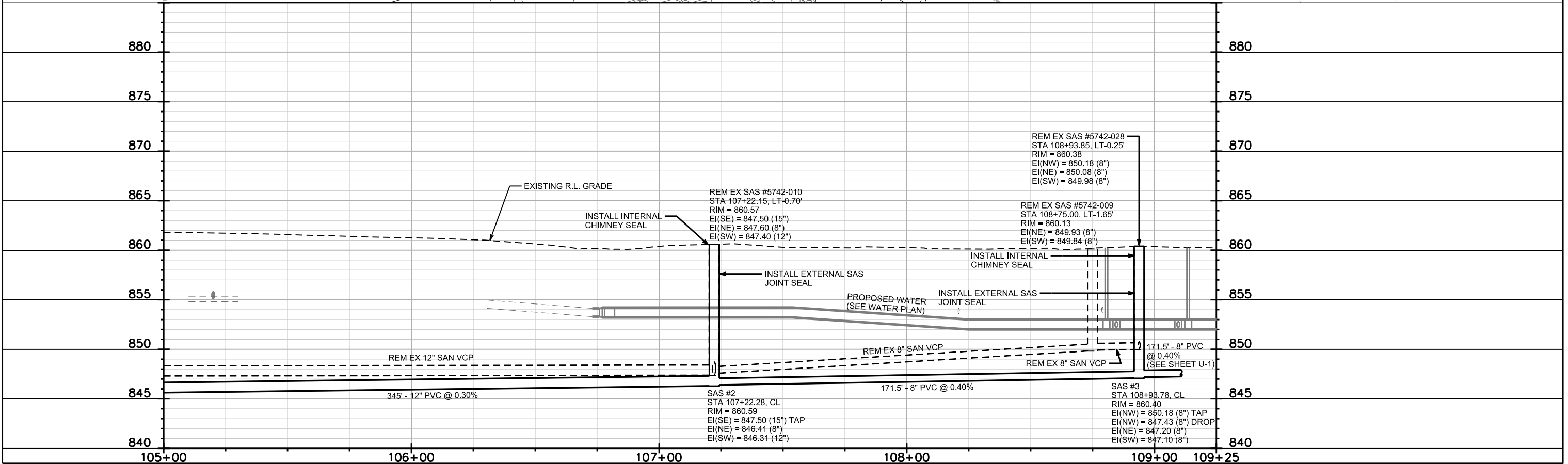
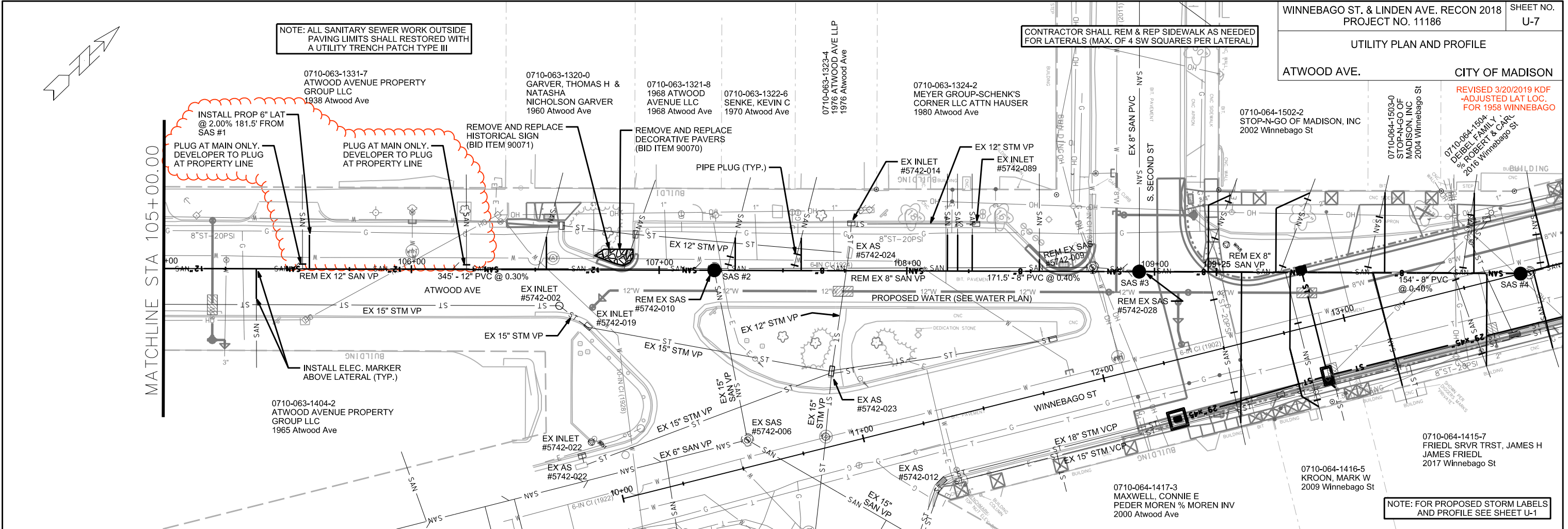
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

UTILITY PLAN AND PROFILE CITY OF MADISON

NOTE: ALL SANITARY SEWER WORK OUTSIDE PAVING LIMITS SHALL RESTORED WITH A UTILITY TRENCH PATCH TYPE III

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

REVISED 3/20/2019 KDF -ADJUSTED LAT LOC. FOR 1958 WINNEBAGO



NOTE: FOR PROPOSED STORM LABELS AND PROFILE SEE SHEET U-1

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
ATWOOD AVE						
SAS #1	103+77.28	CL	862.38	845.22	17.16	[1], [2], 5-FT DIA
SAS #2	107+22.28	CL	860.59	846.31	14.28	[1], [2]
SAS #3	108+93.78	CL	860.40	847.10	13.30	[1], [2]
WINNEBAGO ST						
SAS #4	13+73.50	CL	860.62	847.82	12.80	[2]
* SAS #5	16+61.82	CL	861.55	849.07	12.48	[1], [2]
SAS #6	18+46.50	LT-0.50	862.19	849.01	12.28	[2]
SAS #7	20+36.50	LT-0.25	863.53	850.77	12.76	-
SAS #8	23+66.50	CL	866.45	852.19	14.26	-
SAS #9	27+26.50	CL	864.73	853.73	11.00	[1]
LINDEN AVE						
SAS #20	52+15.00	CL	873.91	865.17	8.74	-

SANITARY STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
ATWOOD AVE						
SAS #5642-003	102+25.55	RT-1.10	863.12	846.99	16.13	-
SAS #5642-036	103+77.45	RT-0.55	862.35	847.22	15.13	-
SAS #5742-010	107+22.15	LT-0.70	860.57	847.60	12.97	-
SAS #5742-009	108+75.00	LT-1.65	860.13	849.84	10.29	-
SAS #5742-028	108+93.85	LT-0.25	860.38	849.98	10.40	-
WINNEBAGO ST						
SAS #5742-008	13+77.00	RT-0.45	860.62	850.42	10.20	-
SAS #5742-007	15+58.35	RT-0.15	861.02	851.22	9.80	-
SAS #5742-022	18+46.95	LT-0.15	862.59	852.29	10.30	-
SAS #5741-021	20+36.40	LT-0.75	863.75	853.15	10.60	-
SAS #5741-034	23+66.95	LT-0.65	865.96	854.38	11.58	-
SAS #5741-030	25+66.30	LT-0.25	865.48	854.48	11.00	-
LINDEN AVE						
SAS #5741-023	51+73.85	RT-0.75	874.50	868.00	6.50	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
ATWOOD AVE								
SAS 5643-029	SAS #1	844.60	845.22	206	0.30%	12"	SDR-26	-
SAS #1	SAS #2	845.27	846.31	345	0.30%	12"	SDR-26	-
SAS #2	SAS #3	846.41	847.10	171.5	0.40%	8"	SDR-26	-
WINNEBAGO ST								
SAS #3	SAS #4	847.20	847.82	154	0.40%	8"	SDR-26	-
* SAS #4	SAS #5	847.92	849.07	288.5	0.40%	8"	SDR-26	-
SAS #5	SAS #6	848.76	849.91	288	0.40%	8"	SDR-26	-
* SAS #5	SAS #7	849.17	850.77	375	0.43%	8"	SDR-26	-
SAS #7	SAS #8	850.87	852.19	330	0.40%	8"	SDR-26	-
SAS #8	SAS #9	852.29	853.73	360	0.40%	8"	SDR-26	-
LINDEN AVE								
SAS #7	SAS #20	851.20	865.17	215	6.50%	8"	SDR-26	-

SANITARY PIPE REMOVALS

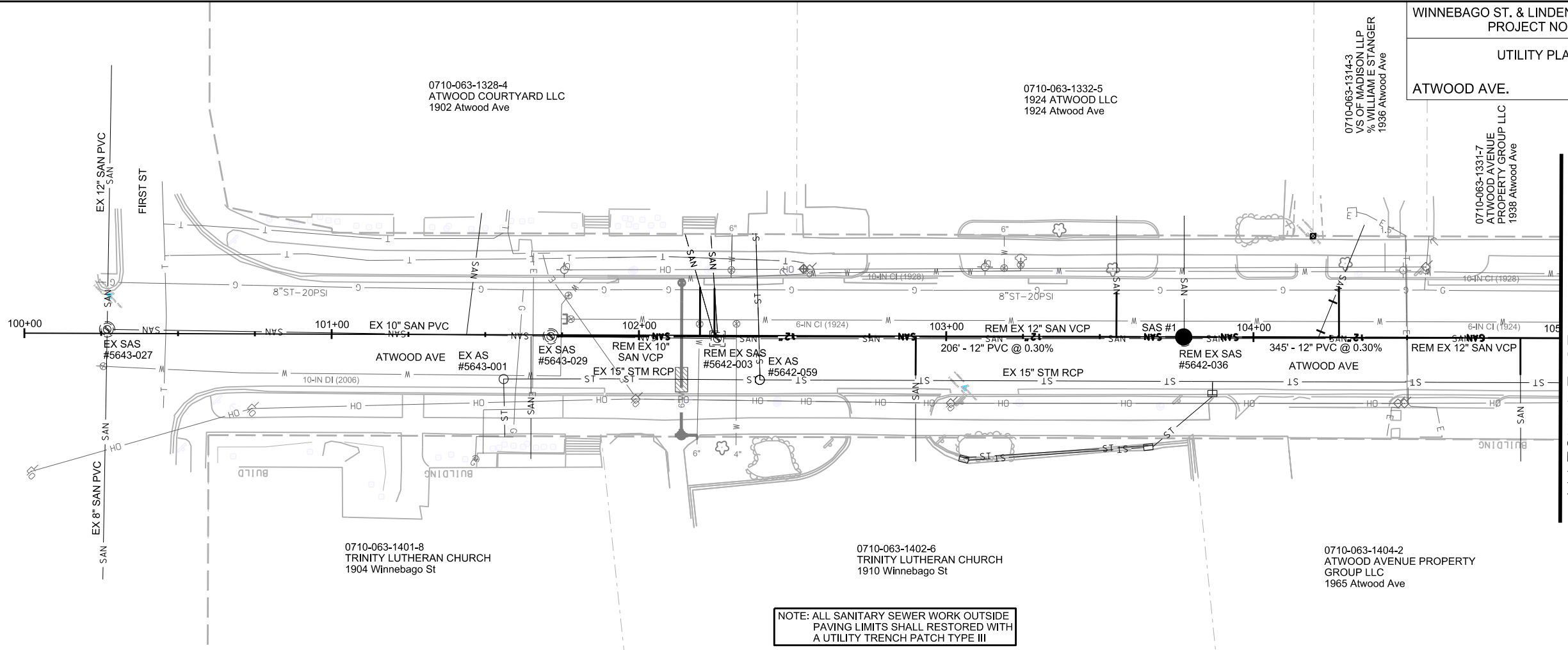
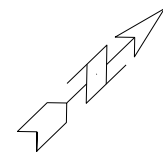
REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE TYPE	PIPE SIZE	PAID (Y/N)	NOTES
ATWOOD AVE						
SAS #5643-029	SAS #5642-003	50	VCP	10"	N	-
SAS #5642-003	SAS #5642-036	148	VCP	12"	N	-
SAS #5642-036	SAS #5742-010	341	VCP	12"	N	-
SAS #5742-010	SAS #5742-009	149	VCP	8"	N	-
SAS #5742-009	SAS #5742-028	15	VCP	8"	N	-
WINNEBAGO ST						
SAS #5742-028	SAS #5742-008	154	VCP	8"	N	-
SAS #5742-008	SAS #5742-007	178	VCP	8"	N	-
SAS #5742-007	SAS #5742-022	285	VCP	8"	N	-
SAS #5742-022	SAS #5741-021	186	VCP	8"	N	-
SAS #5741-021	SAS #5741-034	327	VCP	8"	N	-
SAS #5741-034	SAS #5741-030	196	VCP	6"	N	-
SAS #5741-030	SAS #9	157	VCP	6"	N	-
LINDEN AVE						
SAS #5741-021	SAS #5741-023	171	VCP	8"	N	-

SANITARY PIPE ABANDONMENTS

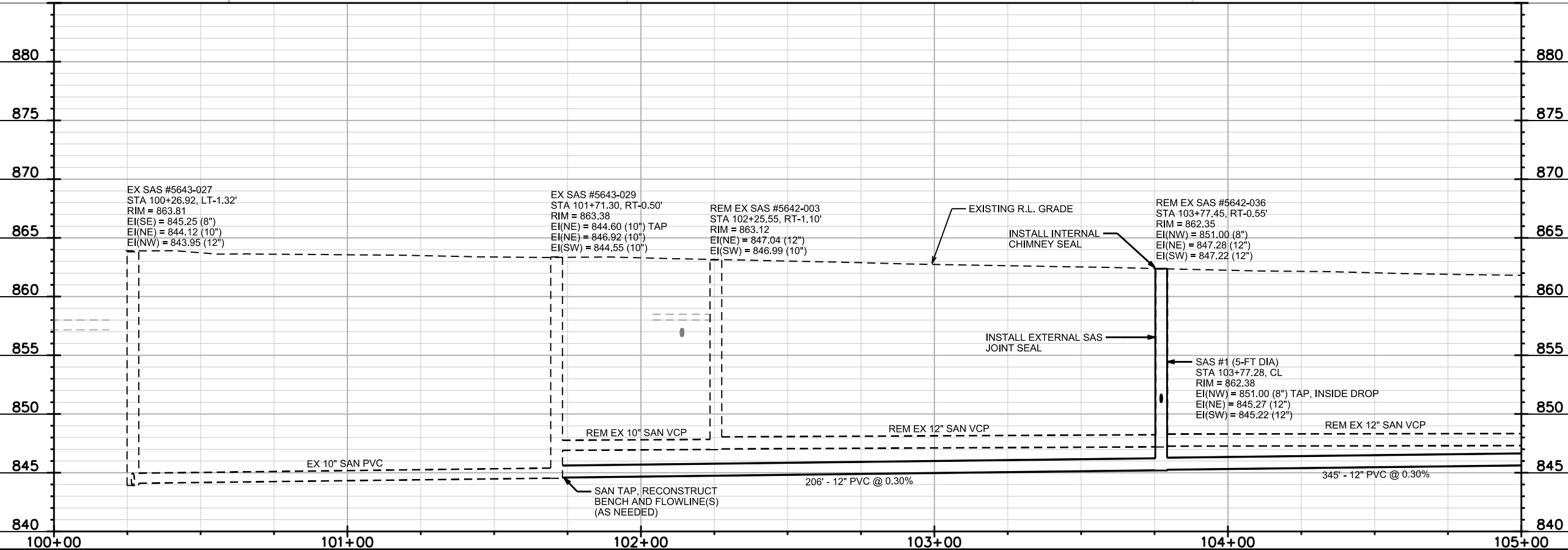
REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE TYPE	PIPE SIZE	PAID (Y/N)	NOTES
WINNEBAGO ST						
SAS #9	SAS #5741-029	34.5	VCP	8	Y	[3], W/ SLURRY

SPECIFIC NOTES

- [1] INSTALL INTERNAL CHIMNEY SEAL PER S.D.D. 5.7.17
- [2] INSTALL EXTERNAL SAS JOINT SEAL PER S.D.D. 5.7.2. PAYMENT FOR SEALS SHALL BE PER STRUCTURE, NOT PER JOINT
- [3] ABANDONMENT PAID UNDER BID ITEM 30141



NOTE: ALL SANITARY SEWER WORK OUTSIDE PAVING LIMITS SHALL RESTORED WITH A UTILITY TRENCH PATCH TYPE III



PLOT SCALE: PLOT NAME: REV. DATE: ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM SEWER SCHEDULE

WINNEBAGO ST. & LINDEN AVE. RECON 2018	SHEET NO.
PROJECT NO. 11186	U-10
STORM SEWER SCHEDULE	
CITY OF MADISON	

REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
WINNEBAGO ST					
R-1	AS 5742-011	12+68.25	RT-23.90	CATCHBASIN	-
R-2	AS 5742-010	13+65.00	RT-23.20	CATCHBASIN	-
R-3	AS 5742-092	13+57.35	LT-17.25	SAS	-
R-4	IN 5742-092	13+65.60	LT-24.75	TWIN INLETS	-
R-5	AS 5742-006	15+53.25	RT-23.35	CATCHBASIN	-
R-6	IN 5742-008	15+29.30	LT-23.50	INLET	-
R-7	IN 5742-007	15+86.85	LT-23.35	INLET	-
R-8	AS 5741-007	18+46.00	RT-21.90	CATCHBASIN	-
R-8A	IN 5741-015	18+78.85	LT-23.50	TWIN INLETS	-
R-9	AS 5741-008	20+00.40	RT-23.50	CATCHBASIN	-
R-9A	IN 5741-011	20+71.15	RT-25.00	INLET	-
R-20	IN 5740-011	27+67.20	LT-21.95	INLET	-
R-22	IN 5740-014	27+47.60	RT-39.35	INLET	-
R-24	IN 5740-015	27+29.50	RT-25.00	INLET	-
LINDEN AVE					
R-10	AS 5741-009	50+41.60	RT-23.80	SAS	-
R-11	AS 5741-010	51+07.60	RT-23.00	SAS	-

ADJUST STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	EX TOC	PROP TOC	PROP ADJ	NOTES
WINNEBAGO ST							
ADJ-1	27+73.50	RT-24.25	SAS	865.19	865.36	0.17	-

STORM SEWER ULOs [1]

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
WINNEBAGO ST					
ULO1	12+55.45	RT-22.20	GAS	-	-
ULO2	12+88.00	RT-13.00	TELE	-	-
ULO3	14+93.35	RT-14.00	TELE	-	-
ULO4	15+30.00	RT-9.50	TELE	-	-
ULO4A	15+41.20	RT-11.45	GAS	-	-
ULO5	15+67.85	RT-10.00	ELEC	-	-
ULO6	15+68.00	LT-23.00	ELEC	-	-
ULO7	17+26.30	RT-9.85	ELEC	-	-
ULO8	20+06.85	RT-29.15	GAS	-	-
ULLO9	20+19.90	RT-39.80	GAS	-	-
ULO10	20+20.45	RT-19.90	GAS	-	-

*5 ADDITIONAL UNDISTRIBUTED ULO'S

SPECIFIC NOTES

[1] ULOS TO BE PERFORMED BY OTHERS PRIOR TO START OF PROJECT. FIVE (5) ADDITIONAL ULOS INCLUDED IN CONTRACT
 [2] PIPE PLUGS PAID FOR UNDER BID ITEM 2336

REMOVE STORM PIPES

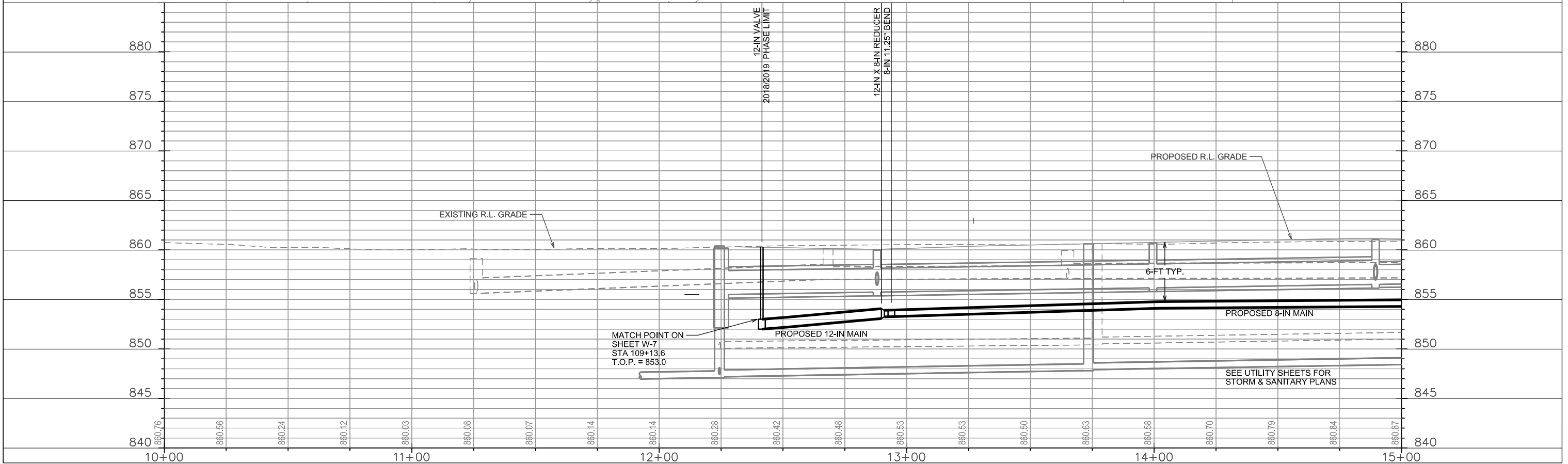
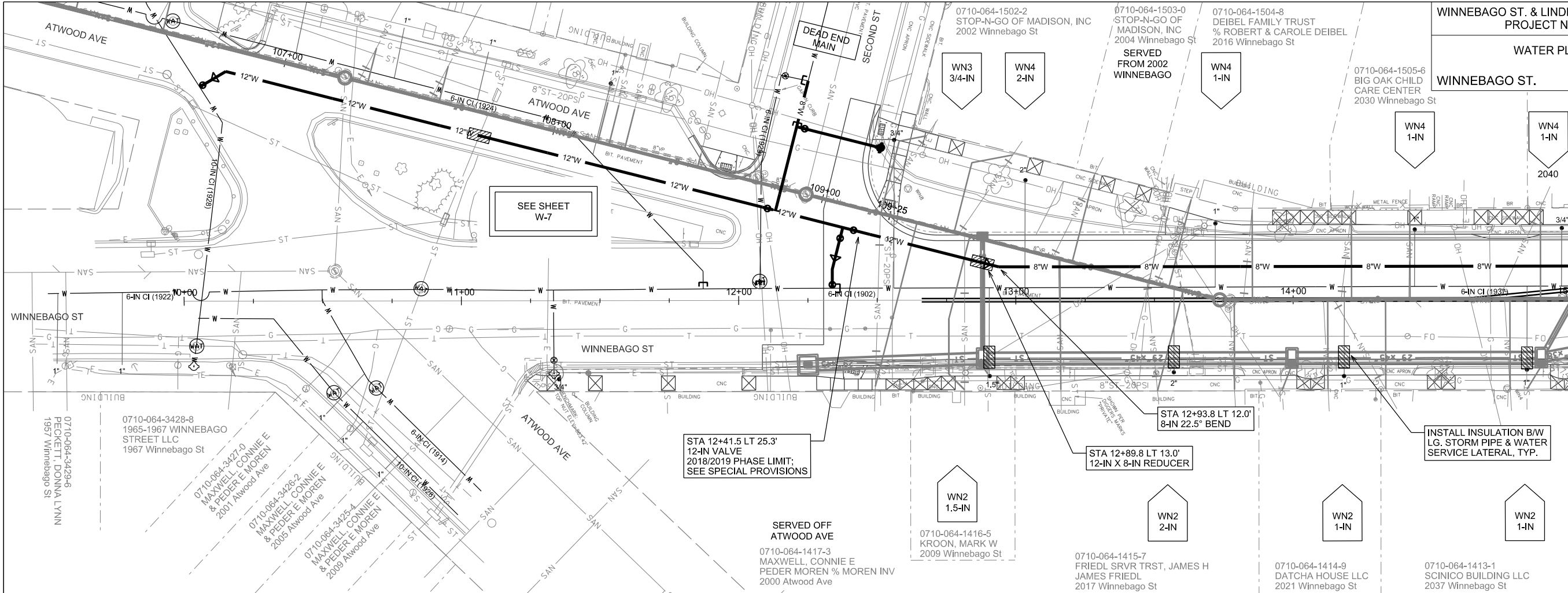
REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
WINNEBAGO ST							
RP-1A	S-1	R-1	40	15"	VCP	N	-
RP-1B	S-1	R-1	40	18"	VCP	N	-
RP-2A	R-1	R-2	92	15"	VCP	N	-
RP-2B	R-1	R-2	92	18"	VCP	N	-
RP-3	R-2	R-3	36	12"	VCP	Y	-
RP-4	R-3	R-4	5	12"	VCP	Y	-
RP-5A	R-2	R-5	188	15"	VCP	N	-
RP-5B	R-2	R-5	188	18"	VCP	N	-
RP-6	R-5	R-6	48	12"	VCP	Y	-
RP-7	R-5	R-7	52	12"	VCP	Y	-
RP-8A	R-8	R-8A	51	12"	VCP	Y	-
RP-9A	R-8	R-9	150	15"	VCP	Y	-
RP-9B	R-8	R-9	150	18"	VCP	Y	-
RP-9C	R-9	R-9A	67	12"	VCP	Y	-
RP-20	S-20	R-20	44	12"	VCP	N	-
RP-22	S-20	R-22	27	12"	VCP	Y	-
P-24	S-20	R-24	40	12"	VCP	Y	-
LINDEN AVE							
RP-10	R-9	R-10	16	12"	VCP	N	-

ABANDON STORM PIPES

ABAN NO.	ABAN FROM	ABAN TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
WINNEBAGO ST						
AP-1A	R-5	R-8	288.0	15"	VCP	[2]14 PLUGS PAID FOR
AP-1B	R-5	R-8	288.0	18"	VCP	[2]14 PLUGS PAID FOR
LINDEN AVE						
AP-2	R-10	R-11	62.0	12"	VCP	[2] 4 PLUGS PAID FOR

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
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- 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 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 KYLE OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

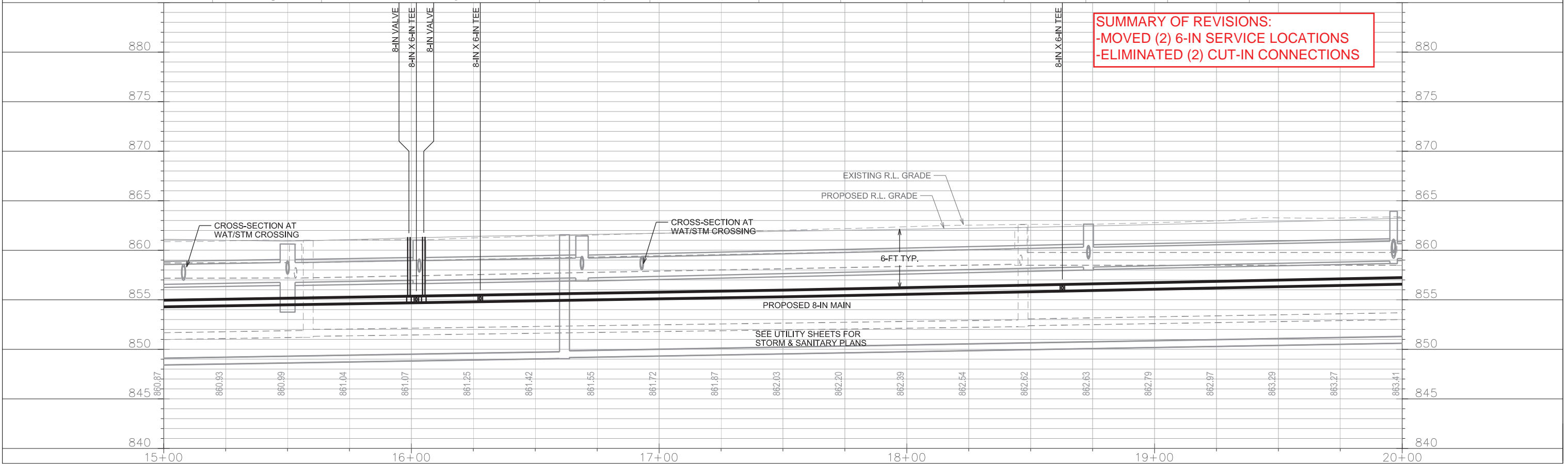
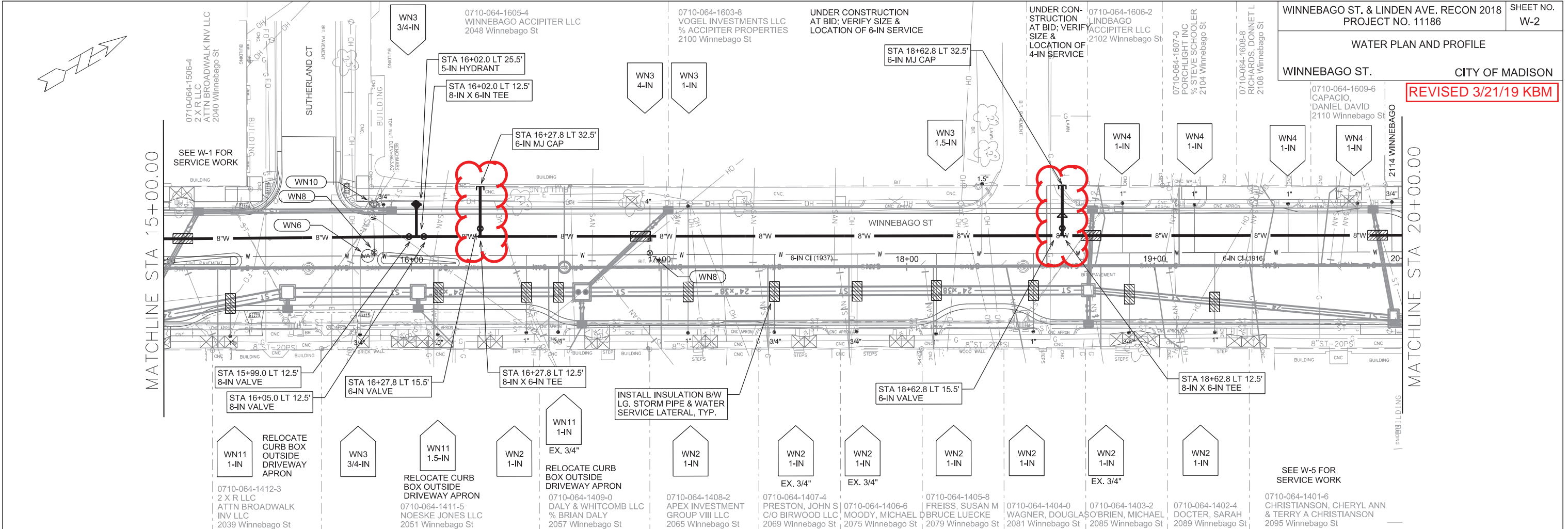


PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

MATCHLINE STA 15+00.00

WATER PLAN AND PROFILE
WINNEBAGO ST. CITY OF MADISON

REVISED 3/21/19 KBM



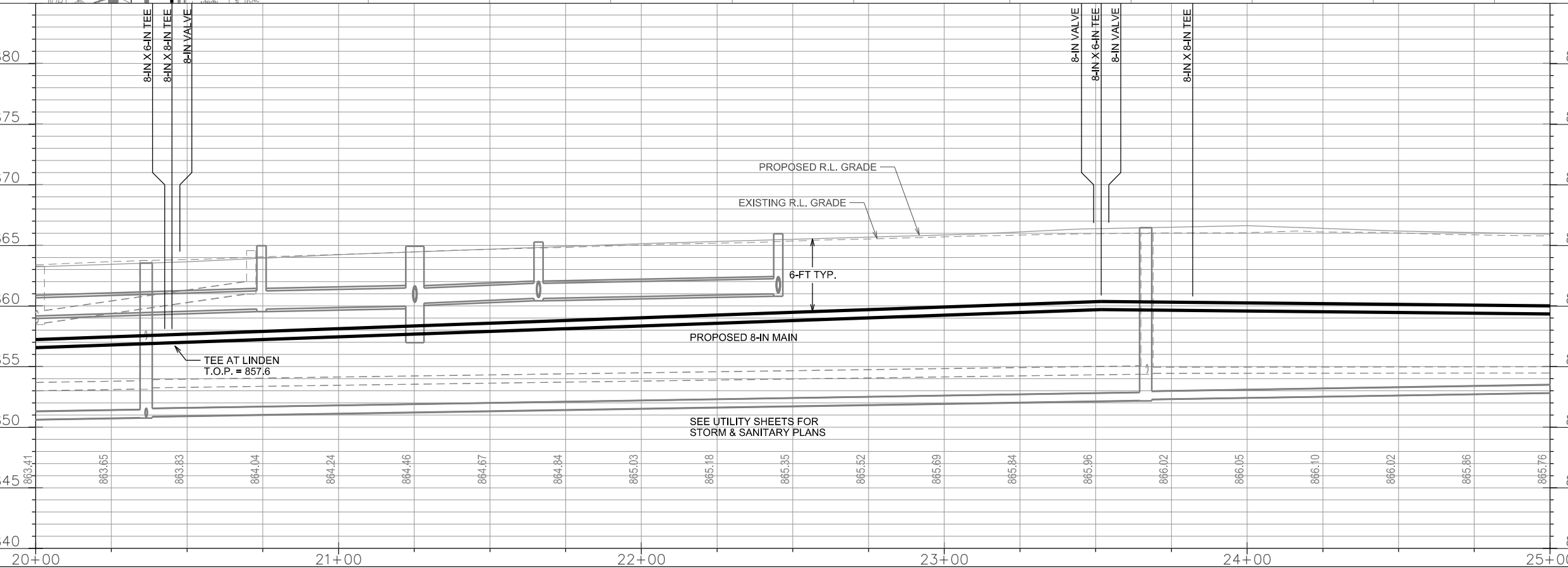
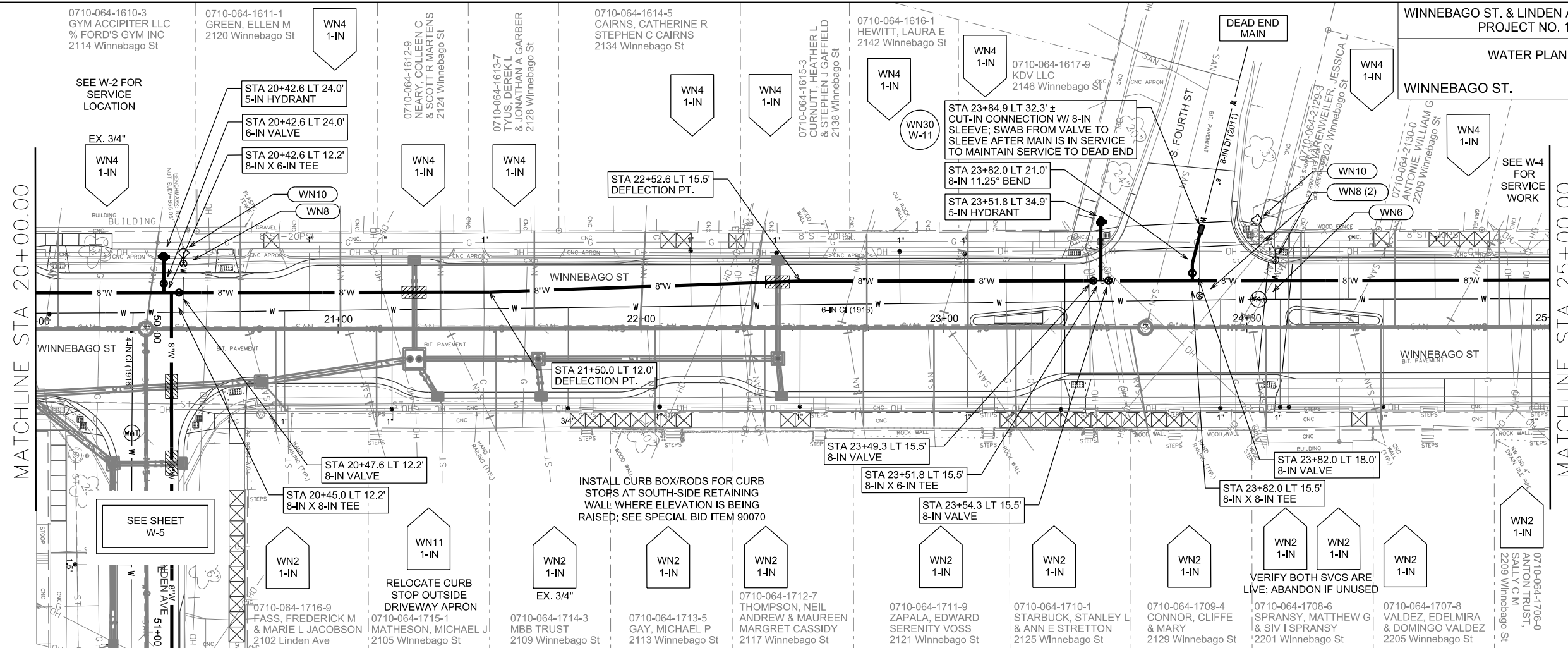
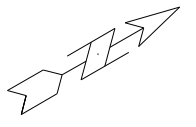
SUMMARY OF REVISIONS:
-MOVED (2) 6-IN SERVICE LOCATIONS
-ELIMINATED (2) CUT-IN CONNECTIONS

PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE
WINNEBAGO ST. CITY OF MADISON

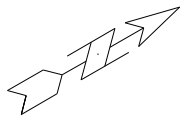


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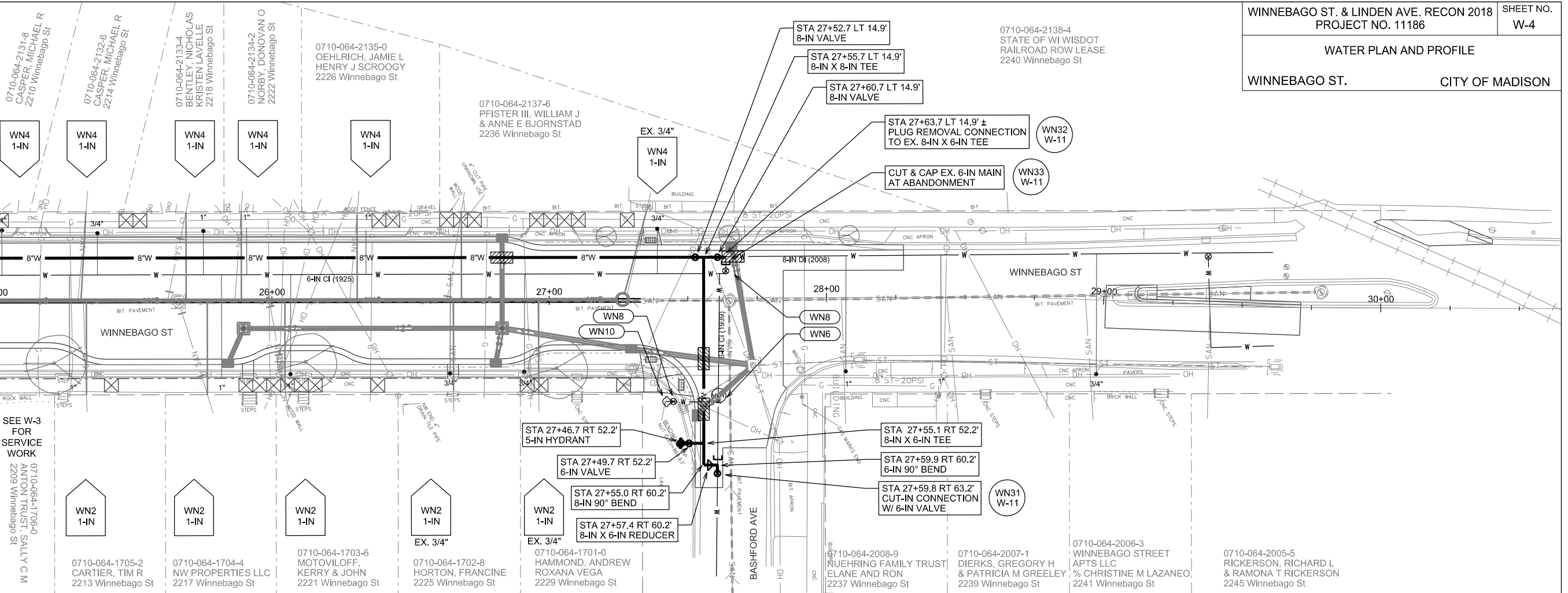
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REV. DATE: _____

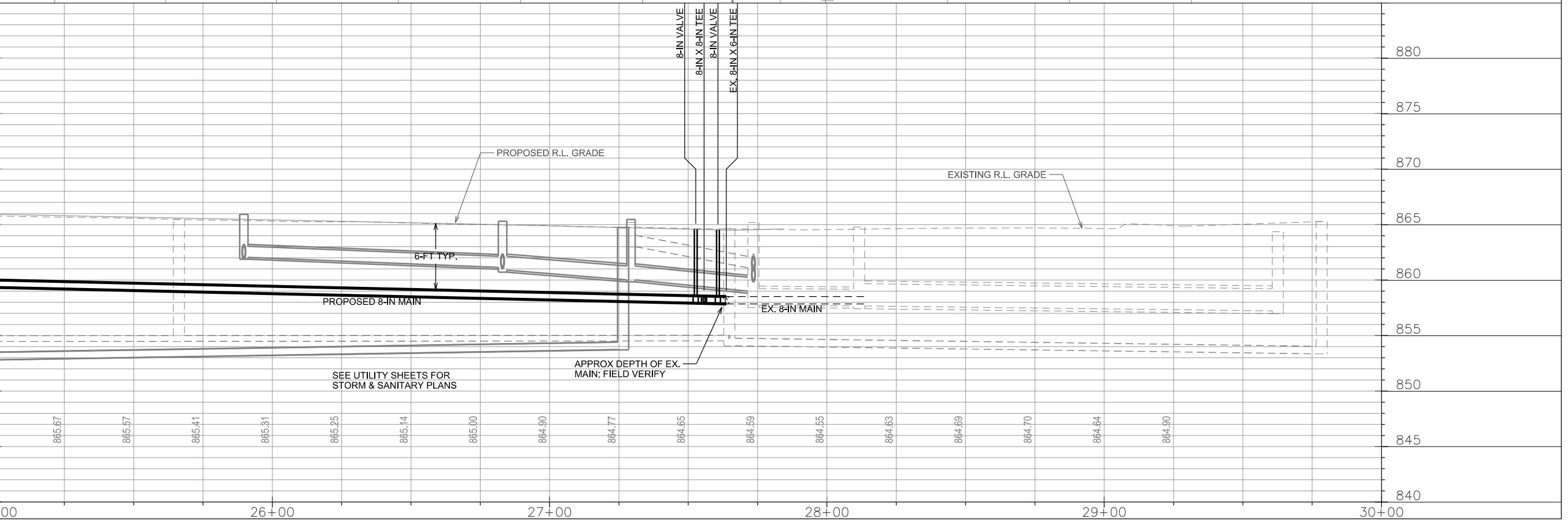
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MATCHLINE STA 25+00.00



SEE W-3 FOR SERVICE WORK
 0710-064-1706-0 ANTON TRUST, SALLY C M
 2209 Winnebago St

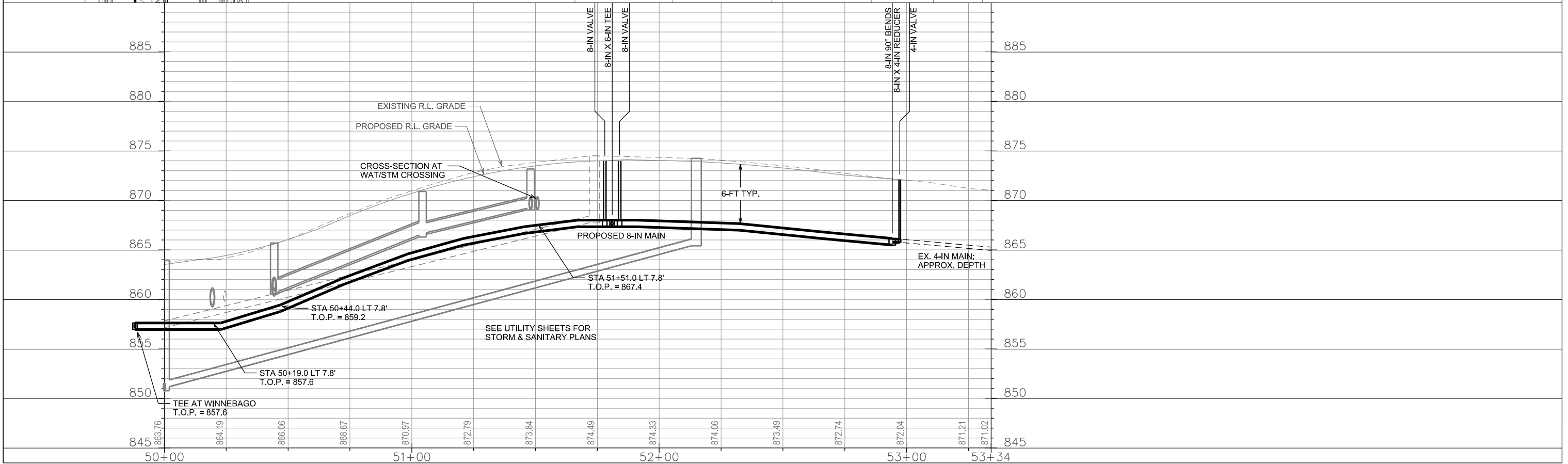
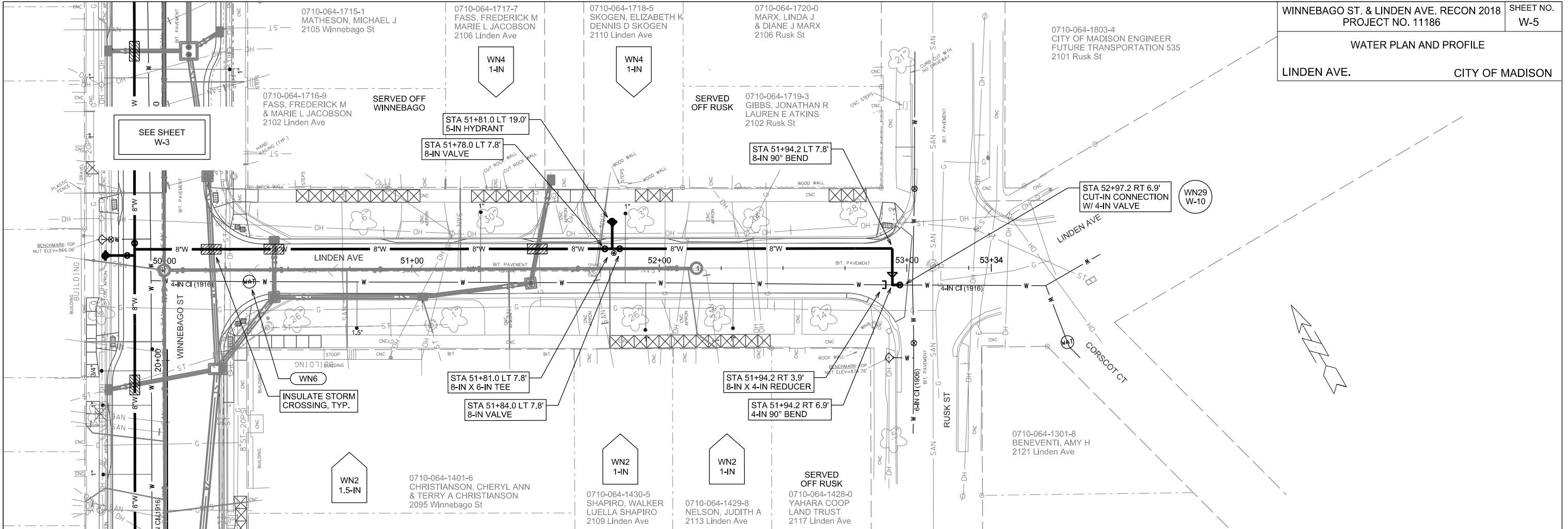


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

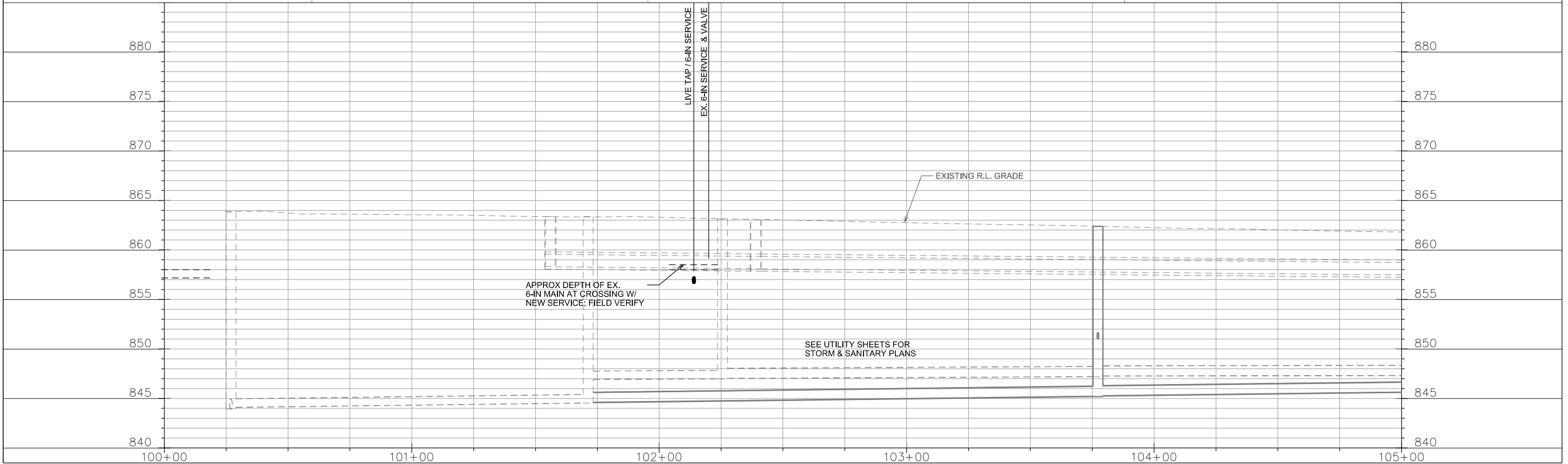
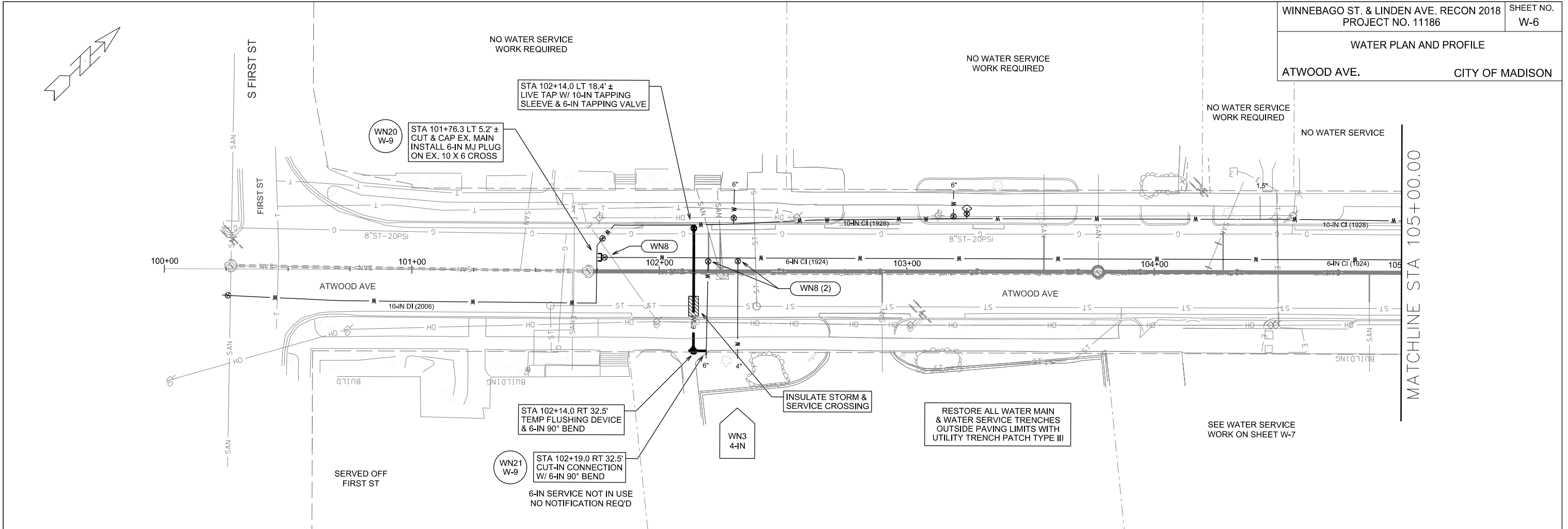


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

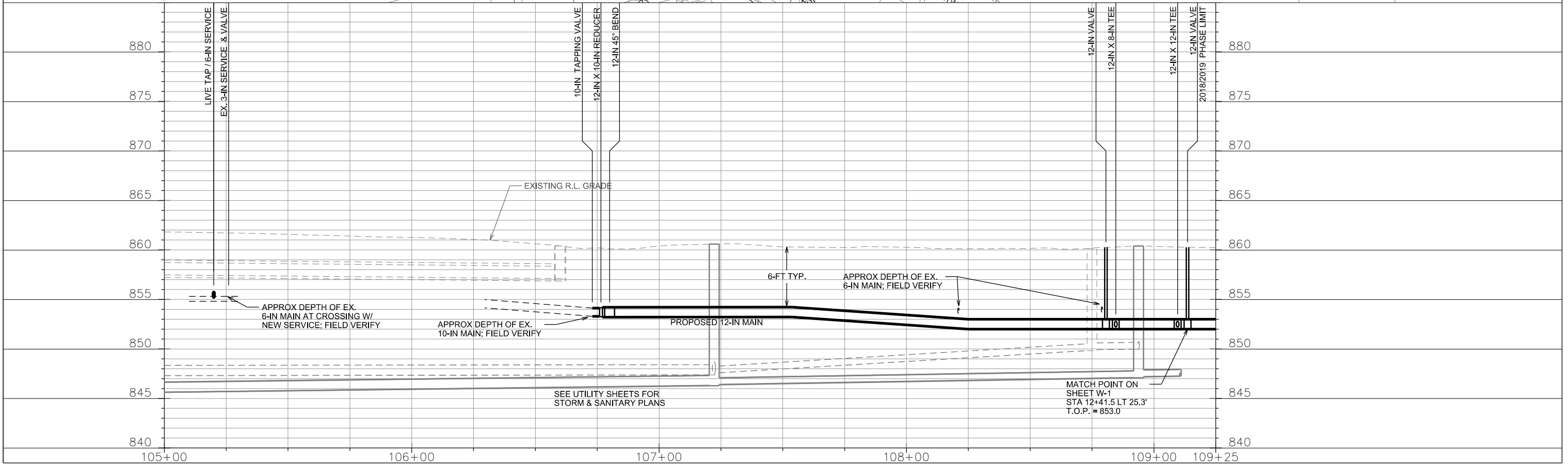
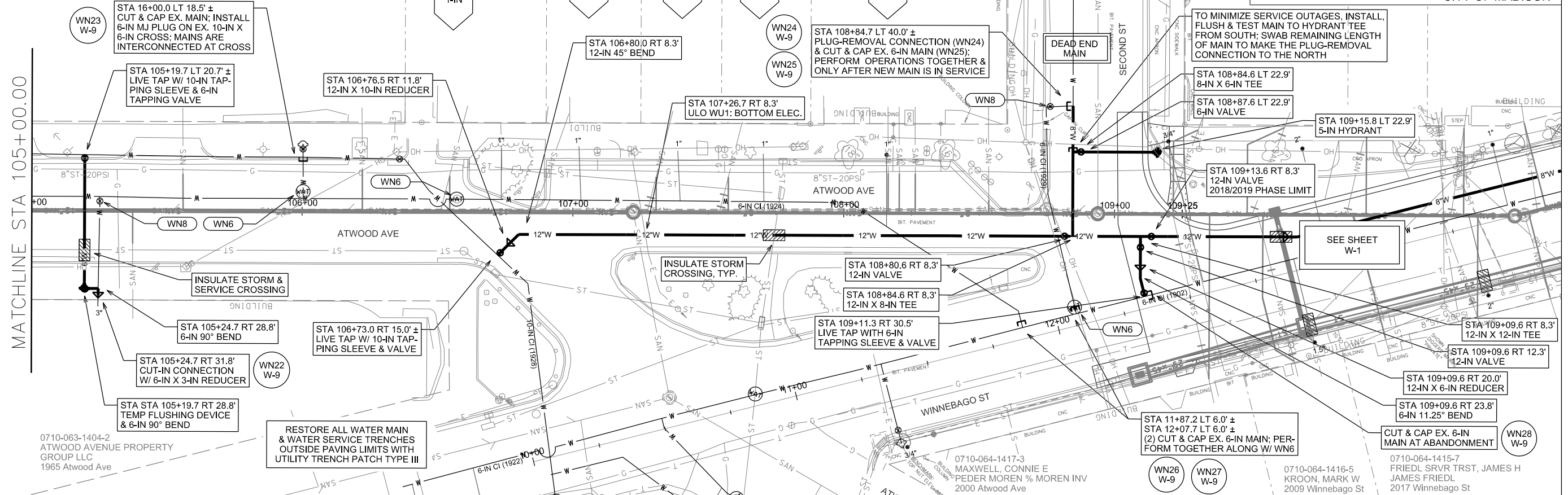


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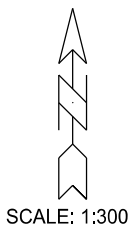
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REV. DATE: _____

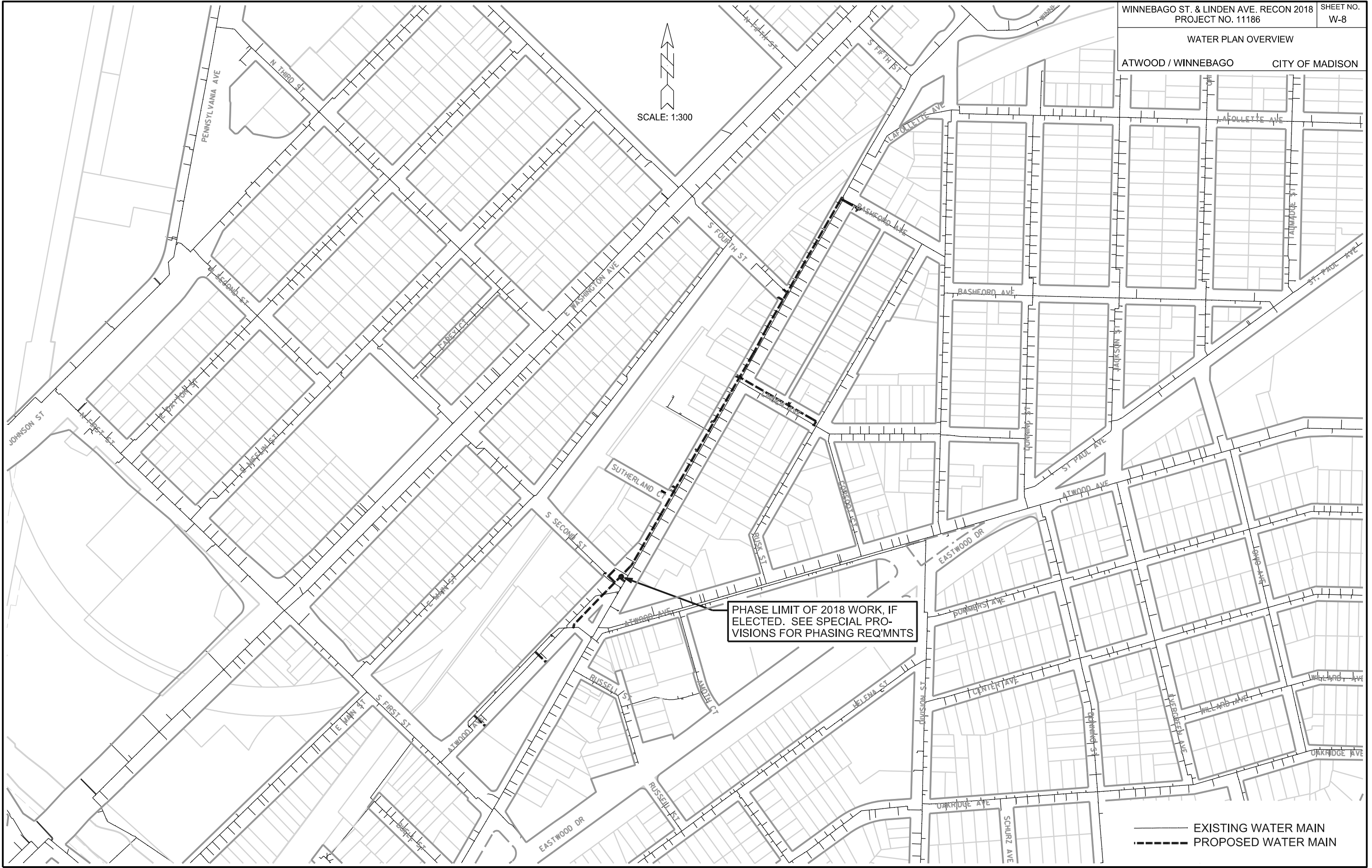
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



WATER PLAN OVERVIEW
ATWOOD / WINNEBAGO CITY OF MADISON



SCALE: 1:300



PHASE LIMIT OF 2018 WORK, IF ELECTED. SEE SPECIAL PROVISIONS FOR PHASING REQ'MNTS

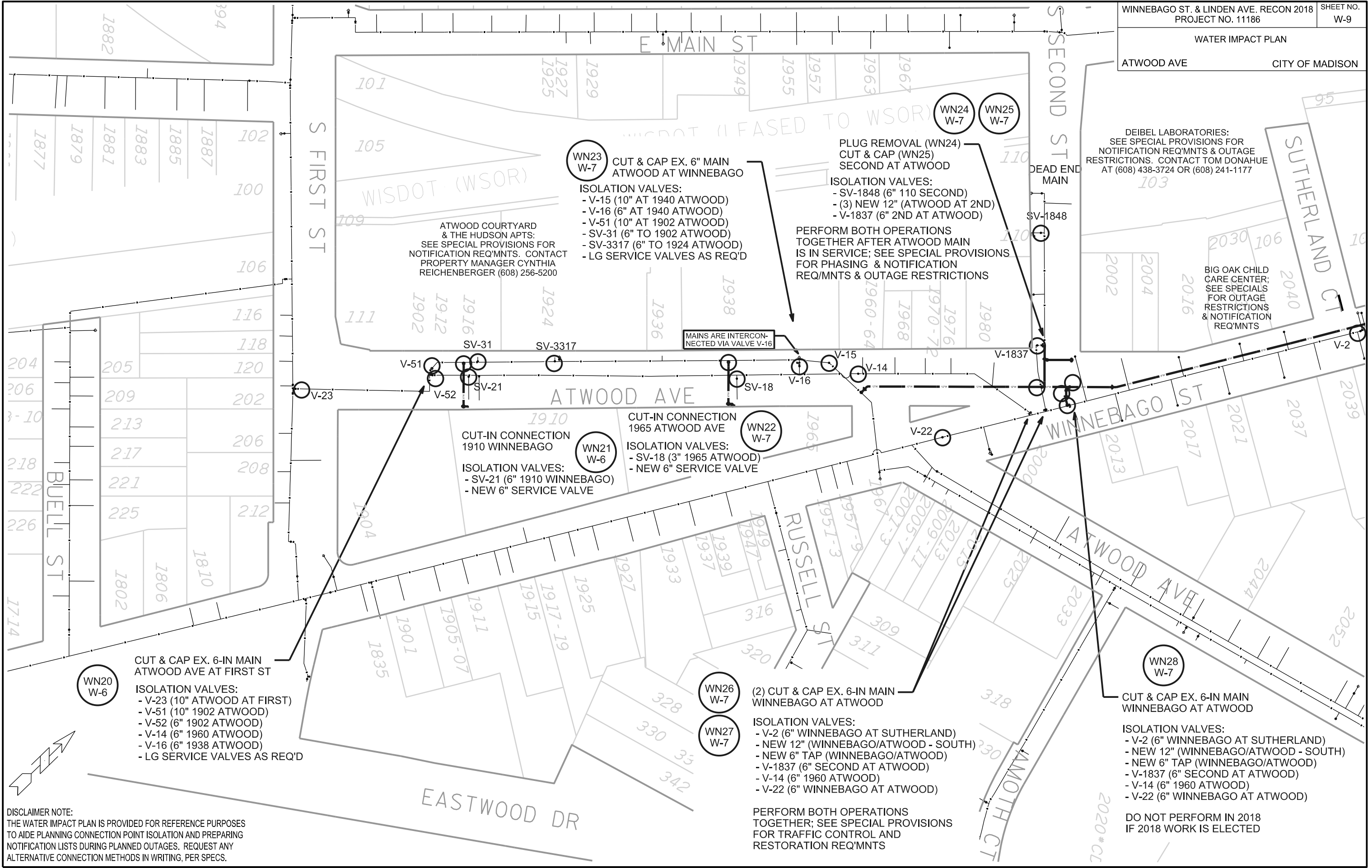
— EXISTING WATER MAIN
- - - PROPOSED WATER MAIN

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



ATWOOD COURTYARD & THE HUDSON APTS:
SEE SPECIAL PROVISIONS FOR NOTIFICATION REQ'MNTS. CONTACT PROPERTY MANAGER CYNTHIA REICHENBERGER (608) 256-5200

DEIBEL LABORATORIES:
SEE SPECIAL PROVISIONS FOR NOTIFICATION REQ'MNTS & OUTAGE RESTRICTIONS. CONTACT TOM DONAHUE AT (608) 438-3724 OR (608) 241-1177

BIG OAK CHILD CARE CENTER:
SEE SPECIALS FOR OUTAGE RESTRICTIONS & NOTIFICATION REQ'MNTS

WN23 W-7
CUT & CAP EX. 6" MAIN ATWOOD AT WINNEBAGO
ISOLATION VALVES:
- V-15 (10" AT 1940 ATWOOD)
- V-16 (6" AT 1940 ATWOOD)
- V-51 (10" AT 1902 ATWOOD)
- SV-31 (6" TO 1902 ATWOOD)
- SV-3317 (6" TO 1924 ATWOOD)
- LG SERVICE VALVES AS REQ'D

WN24 W-7
PLUG REMOVAL (WN24)
CUT & CAP (WN25)
SECOND AT ATWOOD
ISOLATION VALVES:
- SV-1848 (6" 110 SECOND)
- (3) NEW 12" (ATWOOD AT 2ND)
- V-1837 (6" 2ND AT ATWOOD)
PERFORM BOTH OPERATIONS TOGETHER AFTER ATWOOD MAIN IS IN SERVICE; SEE SPECIAL PROVISIONS FOR PHASING & NOTIFICATION REQ'MNTS & OUTAGE RESTRICTIONS

WN21 W-6
CUT-IN CONNECTION 1910 WINNEBAGO
ISOLATION VALVES:
- SV-21 (6" 1910 WINNEBAGO)
- NEW 6" SERVICE VALVE

WN22 W-7
CUT-IN CONNECTION 1965 ATWOOD AVE
ISOLATION VALVES:
- SV-18 (3" 1965 ATWOOD)
- NEW 6" SERVICE VALVE

WN20 W-6
CUT & CAP EX. 6-IN MAIN ATWOOD AVE AT FIRST ST
ISOLATION VALVES:
- V-23 (10" ATWOOD AT FIRST)
- V-51 (10" 1902 ATWOOD)
- V-52 (6" 1902 ATWOOD)
- V-14 (6" 1960 ATWOOD)
- V-16 (6" 1938 ATWOOD)
- LG SERVICE VALVES AS REQ'D

WN26 W-7
(2) CUT & CAP EX. 6-IN MAIN WINNEBAGO AT ATWOOD

WN27 W-7
ISOLATION VALVES:
- V-2 (6" WINNEBAGO AT SUTHERLAND)
- NEW 12" (WINNEBAGO/ATWOOD - SOUTH)
- NEW 6" TAP (WINNEBAGO/ATWOOD)
- V-1837 (6" SECOND AT ATWOOD)
- V-14 (6" 1960 ATWOOD)
- V-22 (6" WINNEBAGO AT ATWOOD)

WN28 W-7
CUT & CAP EX. 6-IN MAIN WINNEBAGO AT ATWOOD
ISOLATION VALVES:
- V-2 (6" WINNEBAGO AT SUTHERLAND)
- NEW 12" (WINNEBAGO/ATWOOD - SOUTH)
- NEW 6" TAP (WINNEBAGO/ATWOOD)
- V-1837 (6" SECOND AT ATWOOD)
- V-14 (6" 1960 ATWOOD)
- V-22 (6" WINNEBAGO AT ATWOOD)

PERFORM BOTH OPERATIONS TOGETHER; SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND RESTORATION REQ'MNTS

DO NOT PERFORM IN 2018 IF 2018 WORK IS ELECTED

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

PLOT SCALE:

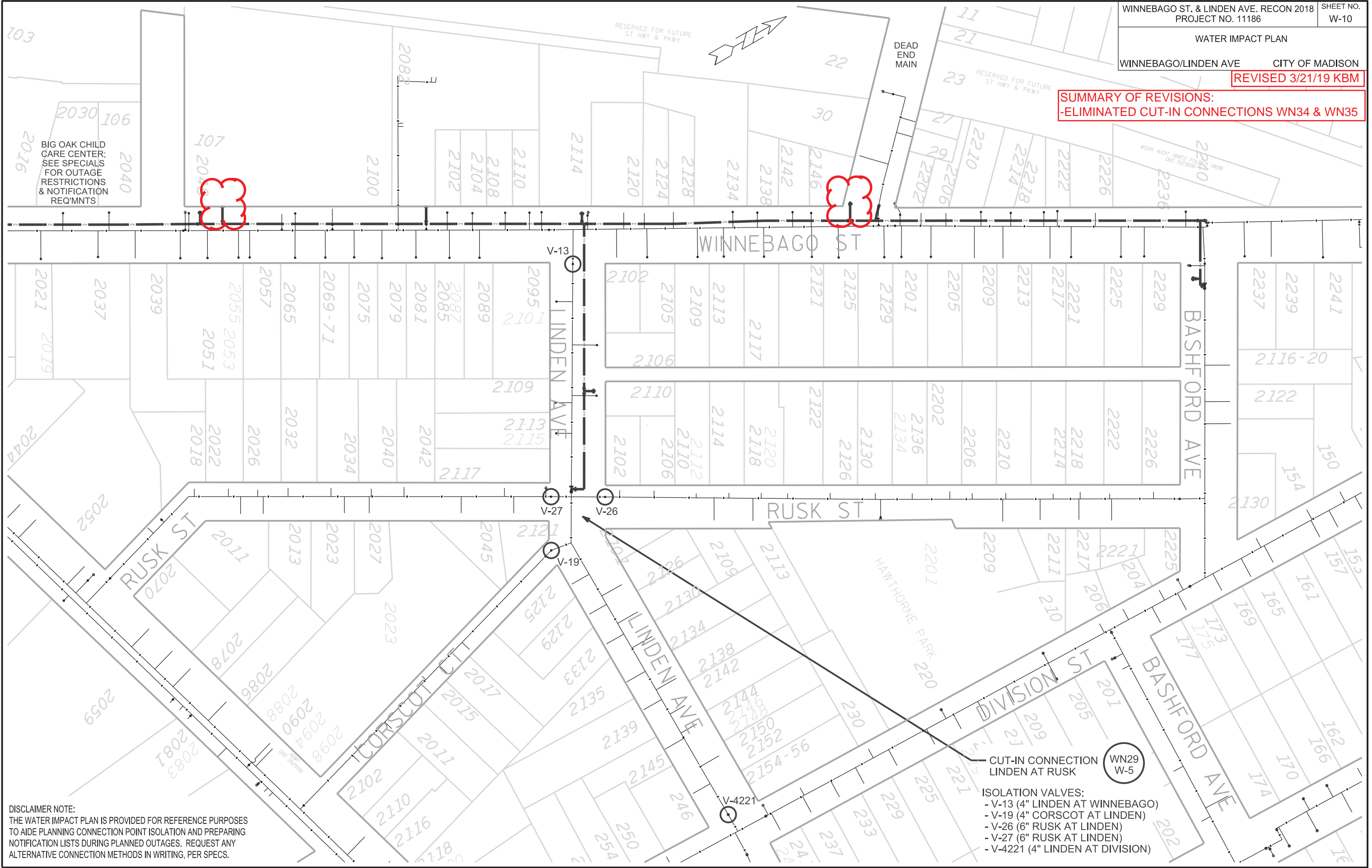
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 3/21/19 KBM

SUMMARY OF REVISIONS:
-ELIMINATED CUT-IN CONNECTIONS WN34 & WN35



CUT-IN CONNECTION
 LINDEN AT RUSK
 WN29
 W-5

- ISOLATION VALVES:
- V-13 (4" LINDEN AT WINNEBAGO)
 - V-19 (4" CORSCOT AT LINDEN)
 - V-26 (6" RUSK AT LINDEN)
 - V-27 (6" RUSK AT LINDEN)
 - V-4221 (4" LINDEN AT DIVISION)

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

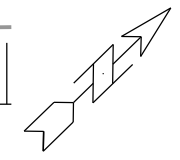
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

E WASHINGTON AVE



WN30 W-3 CUT-IN CONNECTION FOURTH AT WINNEBAGO

- ISOLATION VALVES:
 - V-1834 (6" FOURTH AT WINNEBAGO)
 - NEW 8" VALVE (FOURTH AT WINNEBAGO)

SWAB CONNECTION AFTER NEW MAIN IS IN SERVICE TO MAINTAIN SERVICE TO DEAD END

WN32 W-4 **WN33 W-4**

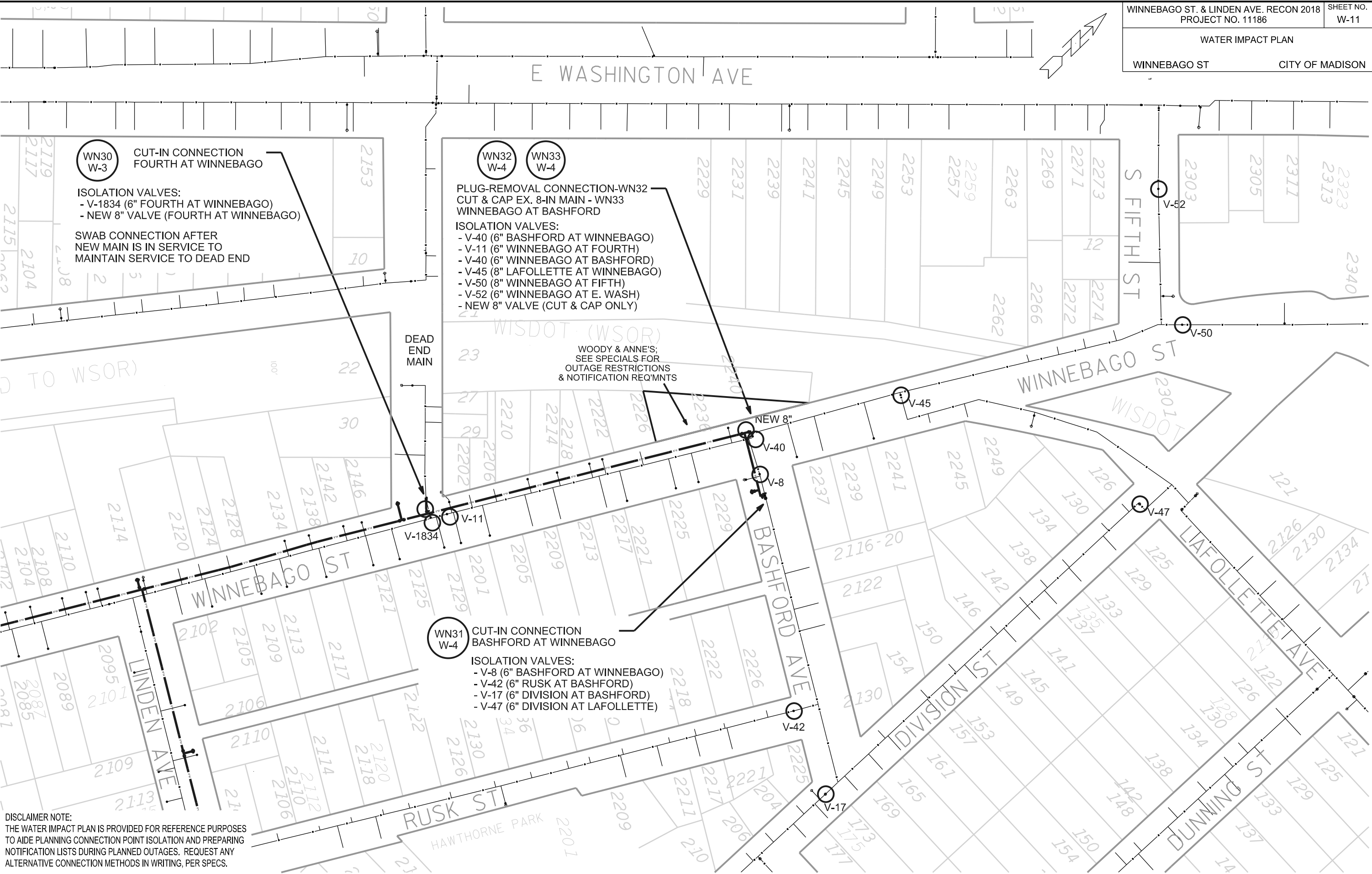
PLUG-REMOVAL CONNECTION-WN32 CUT & CAP EX. 8-IN MAIN - WN33 WINNEBAGO AT BASHFORD

- ISOLATION VALVES:
 - V-40 (6" BASHFORD AT WINNEBAGO)
 - V-11 (6" WINNEBAGO AT FOURTH)
 - V-40 (6" WINNEBAGO AT BASHFORD)
 - V-45 (8" LAFOLLETTE AT WINNEBAGO)
 - V-50 (8" WINNEBAGO AT FIFTH)
 - V-52 (6" WINNEBAGO AT E. WASH)
 - NEW 8" VALVE (CUT & CAP ONLY)

WOODY & ANNE'S; SEE SPECIALS FOR OUTAGE RESTRICTIONS & NOTIFICATION REQ'MNTS

WN31 W-4 CUT-IN CONNECTION BASHFORD AT WINNEBAGO

- ISOLATION VALVES:
 - V-8 (6" BASHFORD AT WINNEBAGO)
 - V-42 (6" RUSK AT BASHFORD)
 - V-17 (6" DIVISION AT BASHFORD)
 - V-47 (6" DIVISION AT LAFOLLETTE)



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

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR 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 EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 ABANDON THE VALVE BOX.
- WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

ULO	UTILITY	STATION	OFFSET	SHEET
WU1	ELEC.	107+26.7	LT 8.3'	W-7
WU2		UNDISTRIBUTED		

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

- | | |
|---------------------------|------------------------------------|
| 10-FT - 4-IN PIPE | 1 - 4-IN 90° BEND |
| 270-FT - 6-IN PIPE | 9 - 6-IN 90° BEND |
| 1960-FT - 8-IN PIPE | 2 - 8-IN 90° BEND |
| 10-FT - 10-IN PIPE | |
| 310-FT - 12-IN PIPE | 1 - 12-IN 45° BEND |
| 1 - 4-IN VALVE & BOX | 1 - 8-IN 22.5° BEND |
| 6 - 6-IN VALVE & BOX | |
| 10 - 8-IN VALVE & BOX | 1 - 6-IN 11.25° BEND |
| 3 - 12-IN VALVE & BOX | 1 - 8-IN 11.25° BEND |
| 8 - 8-IN X 6-IN TEE | 1 - 4-IN MJ CAP |
| 3 - 8-IN X 8-IN TEE | 6 - 6-IN MJ CAP |
| 1 - 12-IN X 8-IN TEE | 2 - 8-IN MJ CAP |
| 1 - 12-IN X 12-IN TEE | 2 - 6-IN MJ PLUG |
| | 2 - 8-IN MJ PLUG |
| 1 - 6-IN X 3-IN REDUCER | 6 - 5-IN HYDRANT |
| 1 - 6-IN X 4-IN REDUCER | |
| 1 - 8-IN X 4-IN REDUCER | 264-FT - 2-IN STYROFOAM INSULATION |
| 1 - 8-IN X 6-IN REDUCER | |
| 1 - 12-IN X 6-IN REDUCER | 3000-FT - POLY WRAP |
| 1 - 12-IN X 8-IN REDUCER | |
| 1 - 12-IN X 10-IN REDUCER | 1-IN TO 2-IN COPPER (AS REQ'D) |

MATERIALS SUPPLIED BY CITY:

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

- 3 - 10-IN TAPPING SLEEVE
- 2 - 6-IN TAPPING VALVE
- 1 - 10-IN TAPPING VALVE

ESTIMATE OF REUSED MATERIALS:

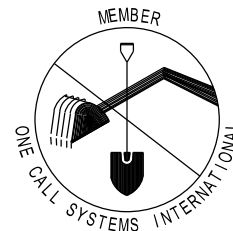
** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

NONE

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

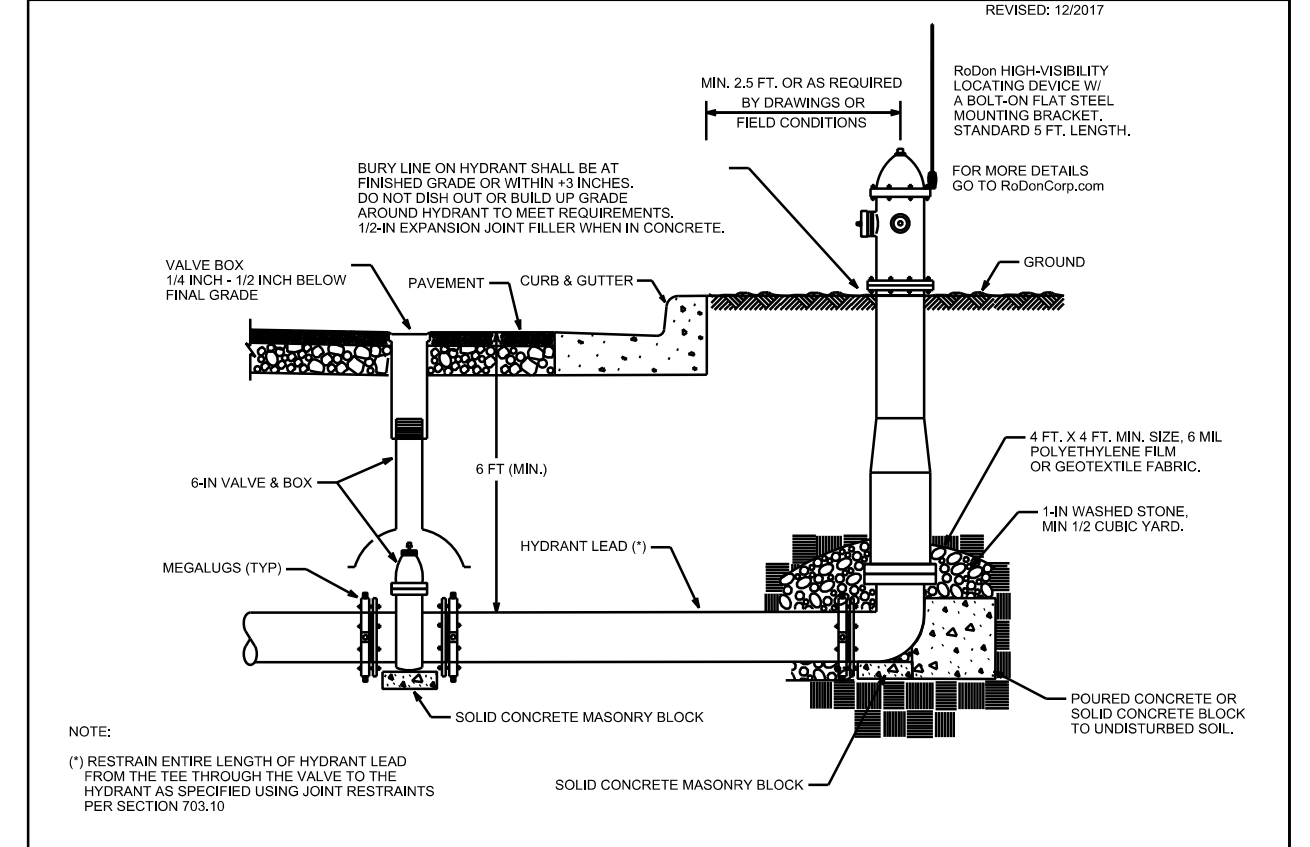
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



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: 12/2017

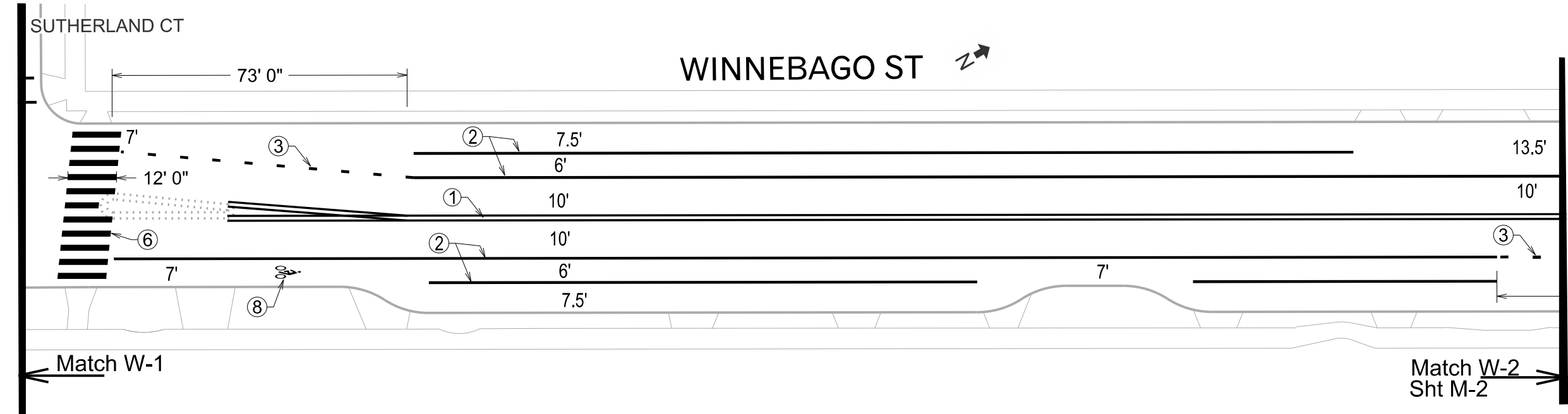
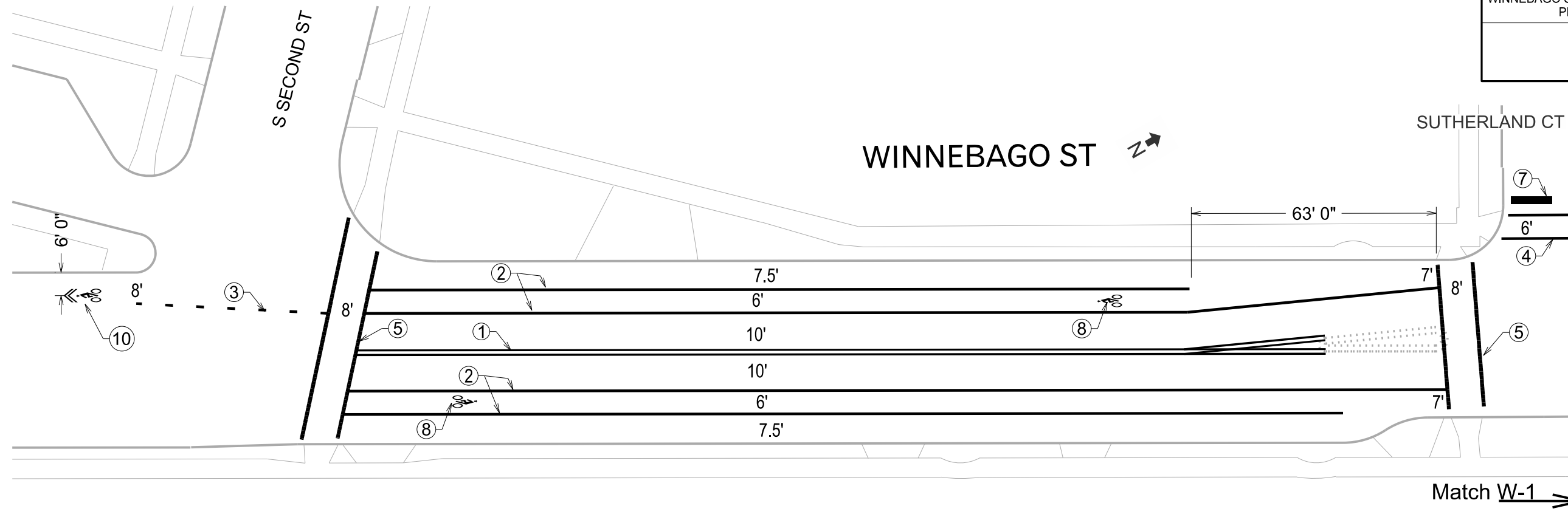


PLOT SCALE:

PLOT NAME:

REV. DATE:

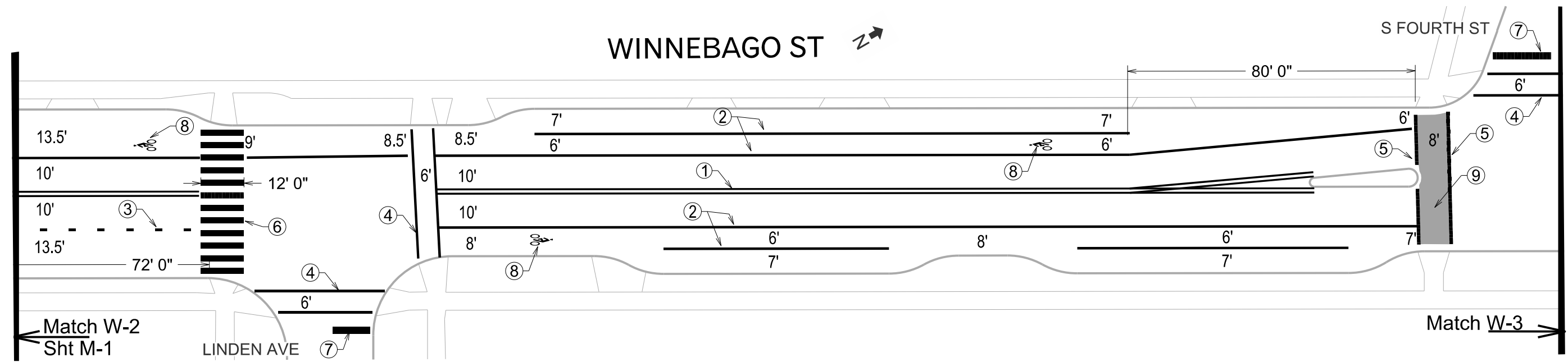
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Pavement Marking Legend	
① Line 4" Dbl Yellow	⑥ Continental Crosswalk 18"
② Line 6" Solid White	⑦ Stop Line 24"
③ Line 6"- 2' Line x 6' Gap White	⑧ Symbol Bike Lane
④ Crosswalk 6"	⑨ High Friction MMA -Red
⑤ Crosswalk 12"	⑩ Symbol Bike Sharrow

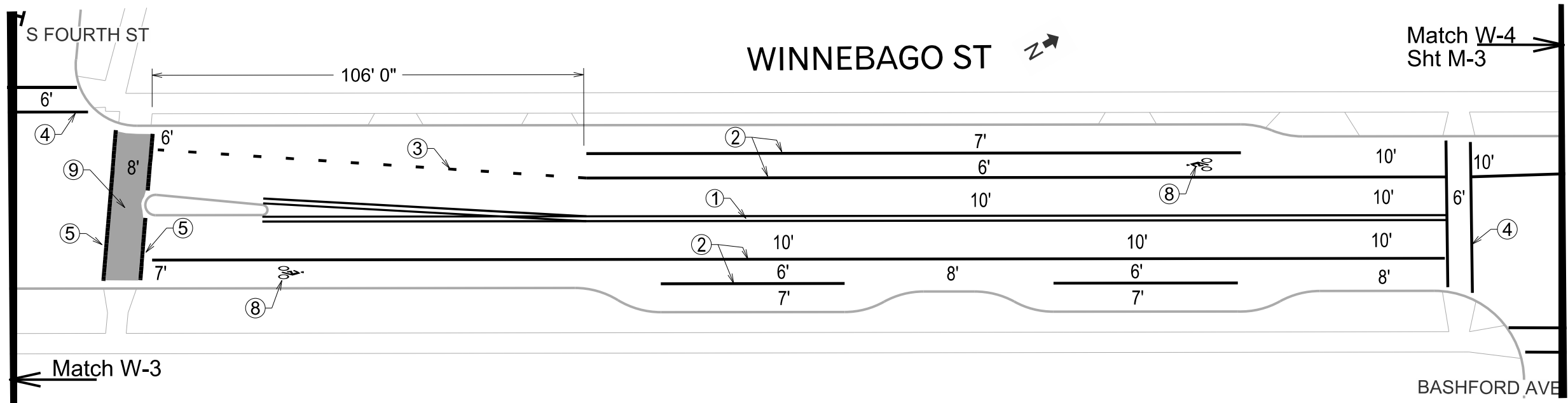
WINNEBAGO ST ↗

S FOURTH ST



WINNEBAGO ST ↗

Match W-4
Sht M-3



Pavement Marking Legend

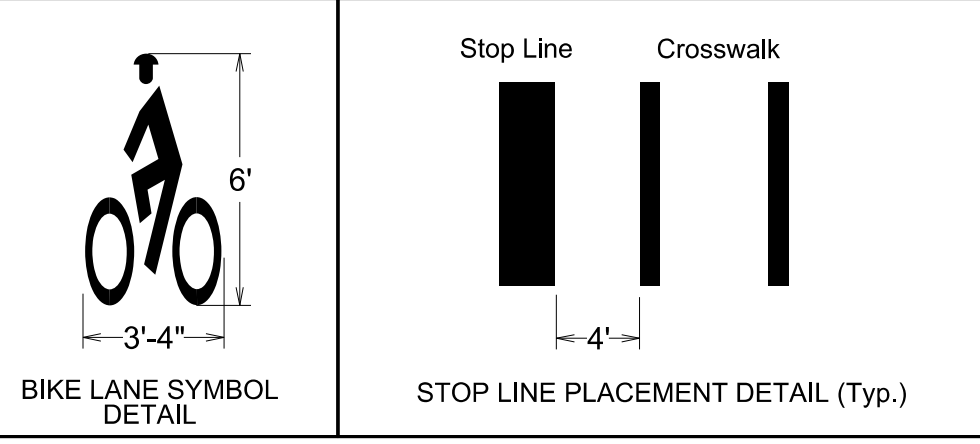
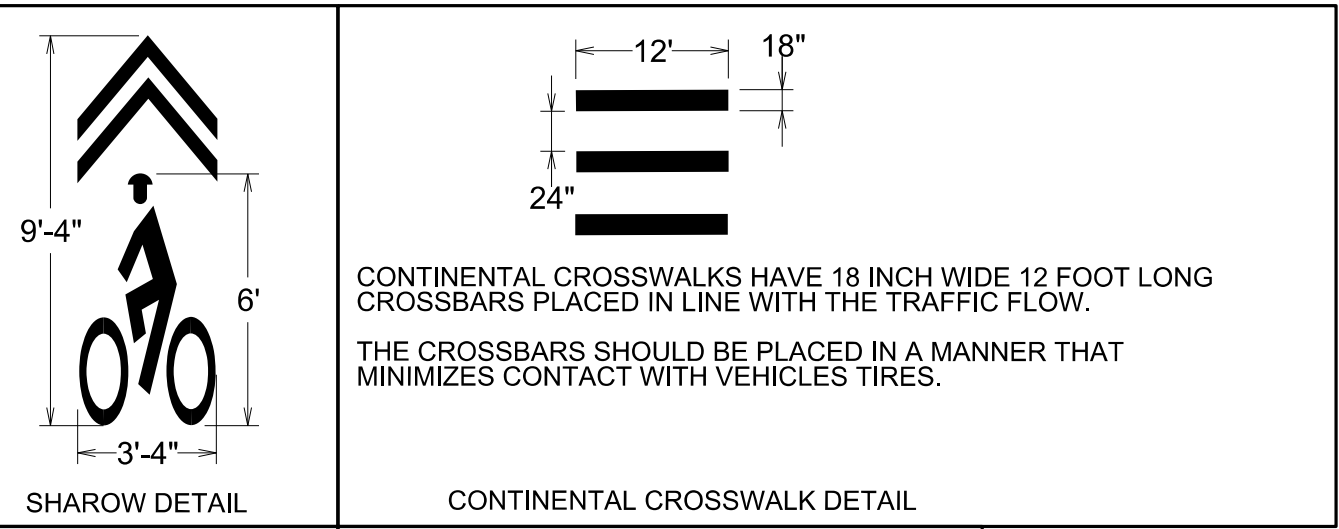
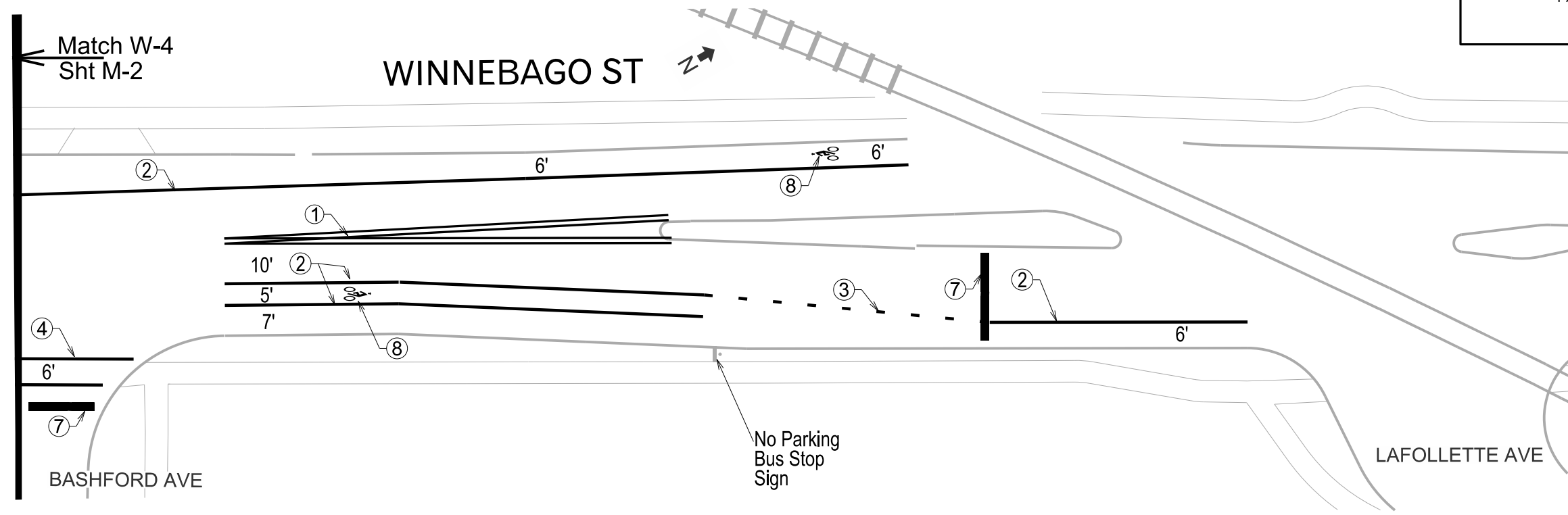
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PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



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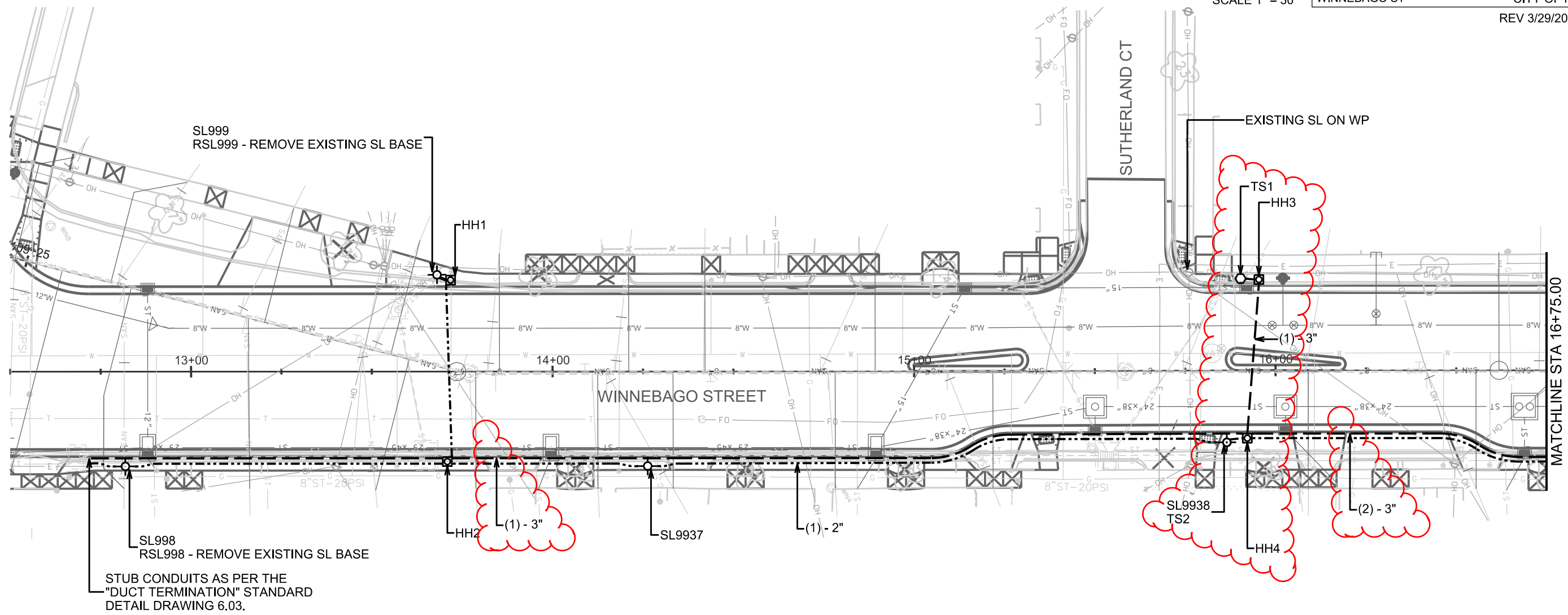
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'



STUB CONDUITS AS PER THE "DUCT TERMINATION" STANDARD
DETAIL DRAWING 6.03.

GENERAL ELECTRIC NOTES

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD. AFTER CONTRACTOR SURVEYS STAKING, THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (266-4899) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED. SUBJECT TO NOTE 1 ABOVE.
3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2018 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUITS SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE.
4. THE CONTRACTOR SHALL CALL TROY VANT (395-1975) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING DENNIS ROWE, TRAFFIC ENGINEERING SHOP, 266-9034, 1120 SAYLE ST, AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:

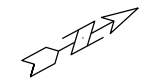
- 3/4"X19" ANCHOR BOLTS: 2 SETS OF 4 FOR TYPE G BASES
- 1"X40" ANCHOR BOLTS: 10 SETS OF 4 FOR LB-3 BASES
- 1-1/4"X48" ANCHOR BOLTS: 2 SETS OF 4 FOR LB-8 BASES

LEGEND

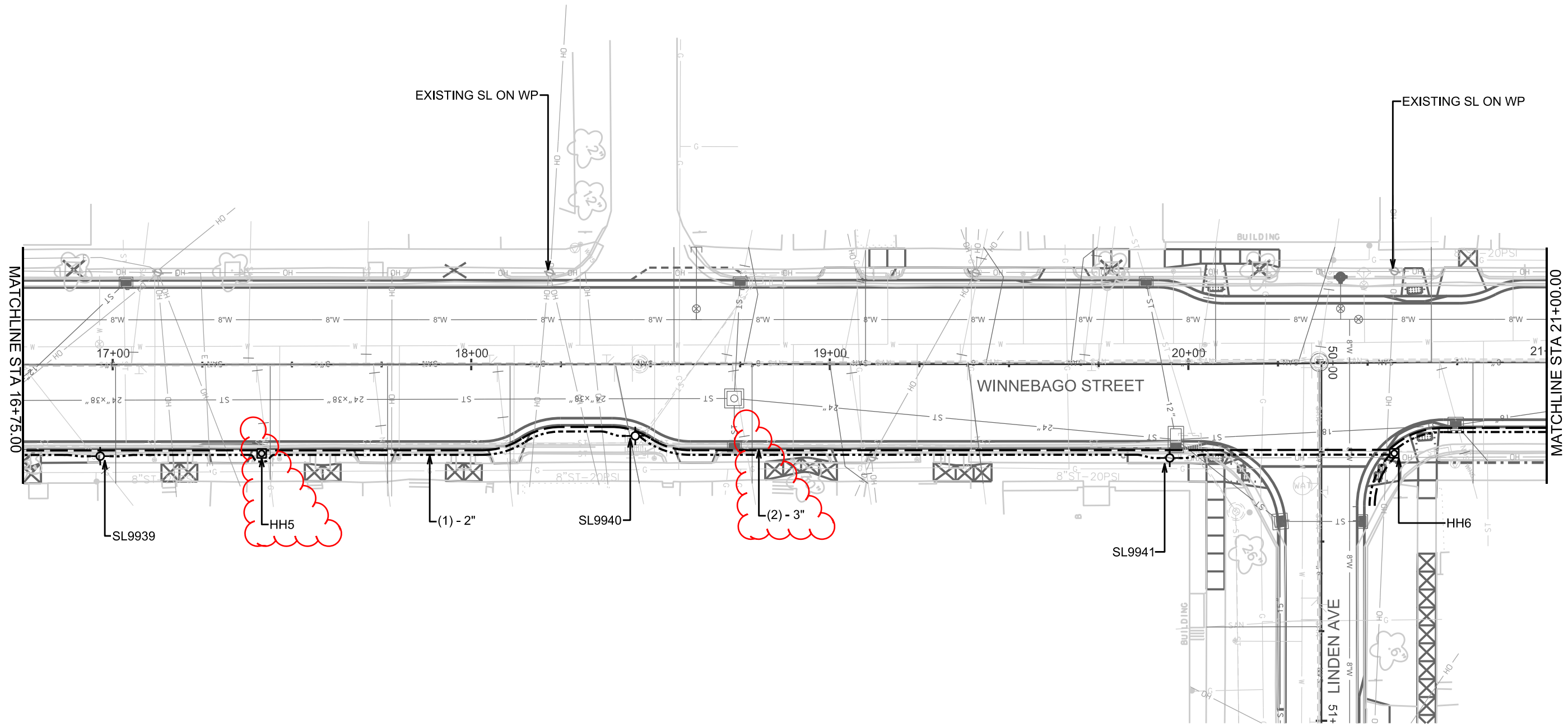
	HANDHOLE TYPE 1
	LB-3 BASE TALL LIGHT
	LB-8 BASE
	G-BASE
	(1) - 2" CONDUIT <small>UNLESS NOTED AS OTHER</small>
	(1) - 3" CONDUIT <small>UNLESS NOTED AS OTHER</small>
	TYPE M BASE

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'

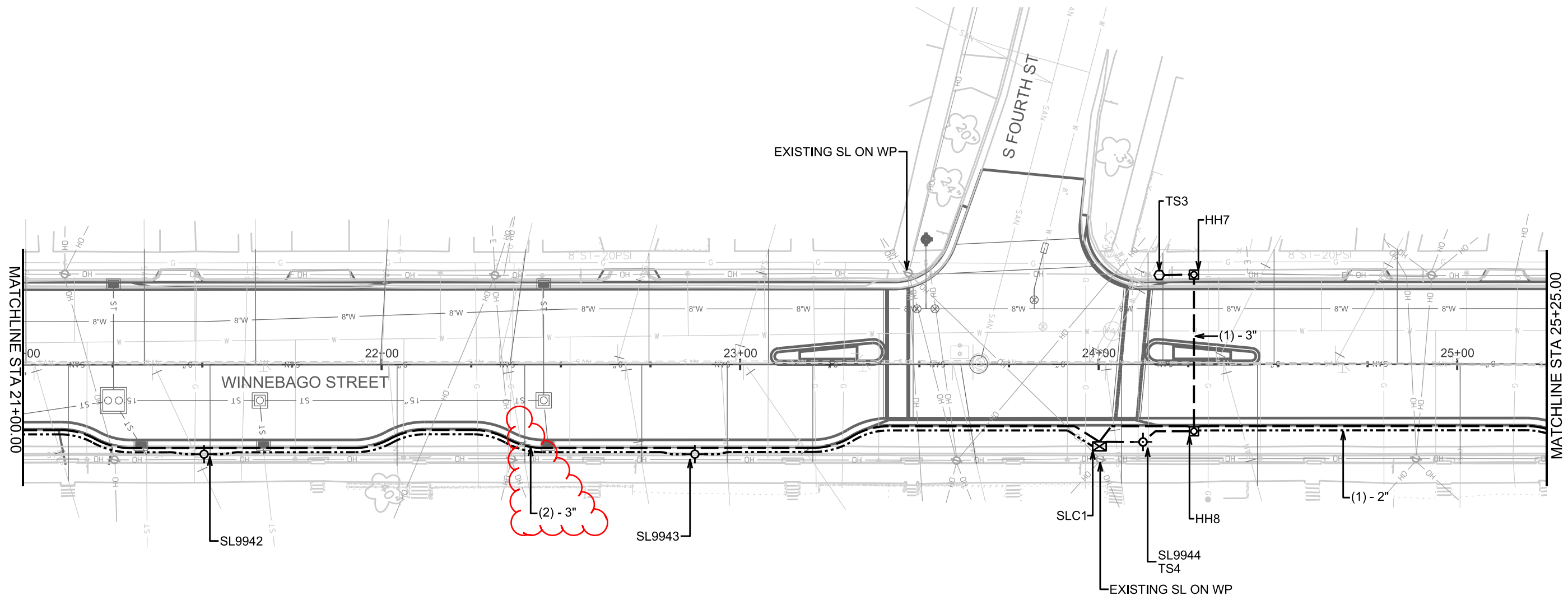


PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	HANDHOLE TYPE 1
	LB-3 BASE TALL LIGHT
	LB-8 BASE
	G-BASE
	(1) - 2" CONDUIT <small>UNLESS NOTED AS OTHER</small>
	(1) - 3" CONDUIT <small>UNLESS NOTED AS OTHER</small>
	TYPE M BASE

SCALE 1" = 30'



LEGEND

	HANDHOLE TYPE 1
	LB-3 BASE TALL LIGHT
	LB-8 BASE
	G-BASE
	(1) - 2" CONDUIT <small>UNLESS NOTED AS OTHER</small>
	(1) - 3" CONDUIT <small>UNLESS NOTED AS OTHER</small>
	TYPE M BASE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1" = 30'

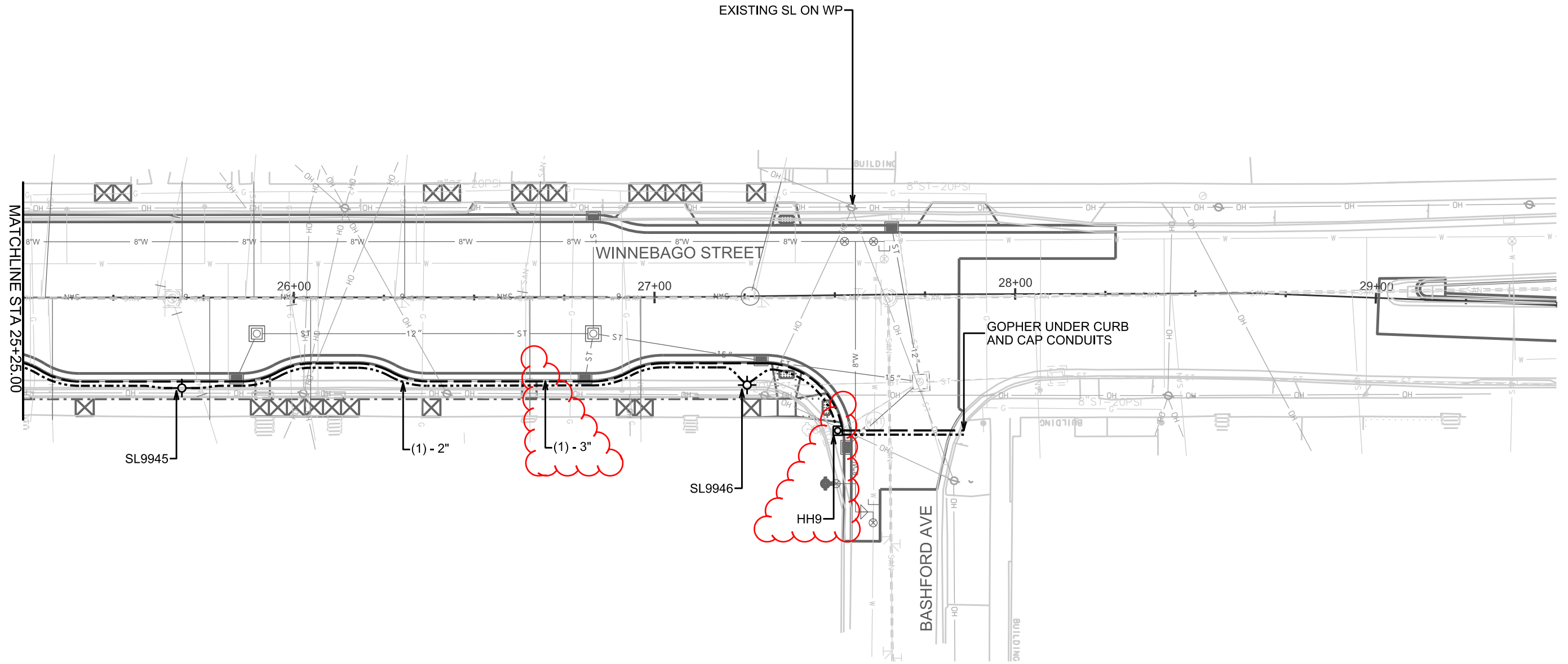


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND

- HANDHOLE TYPE 1
- LB-3 BASE TALL LIGHT
- LB-8 BASE
- G-BASE
- (1) - 2" CONDUIT
UNLESS NOTED AS OTHER
- (1) - 3" CONDUIT
UNLESS NOTED AS OTHER
- TYPE M BASE

CROSS SECTIONS

WINNEBAGO ST.

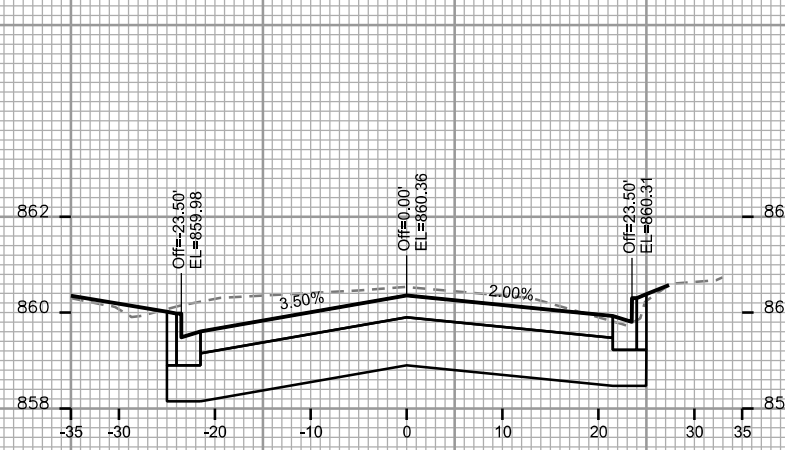
CITY OF MADISON

PLOT SCALE: _____

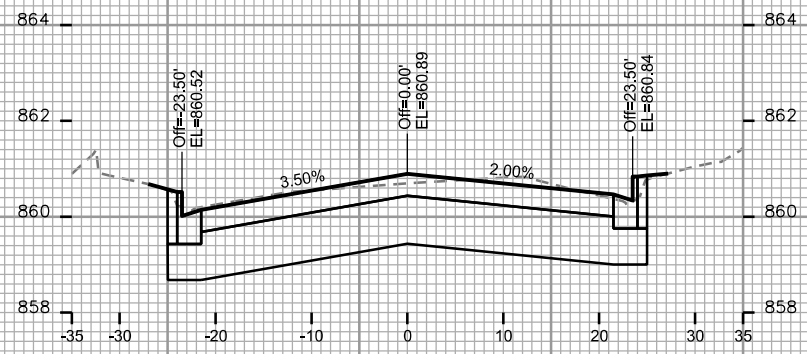
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REV. DATE: _____

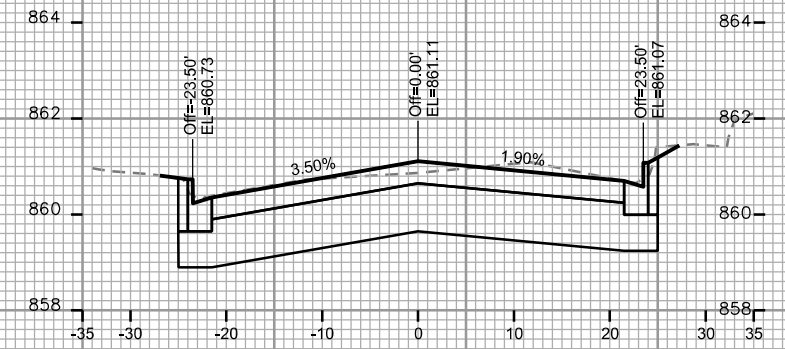
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



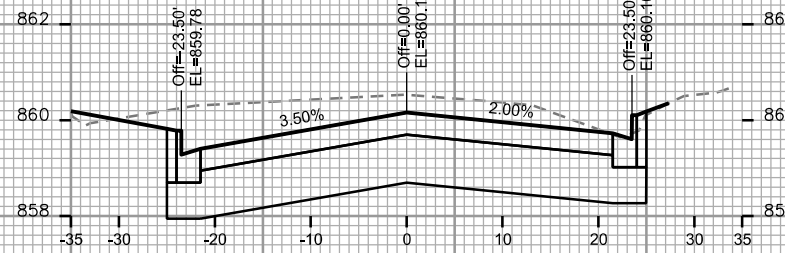
STA. 13+25



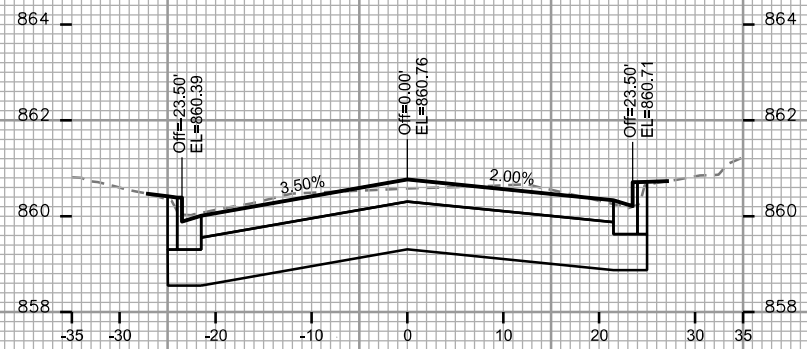
STA. 14+25



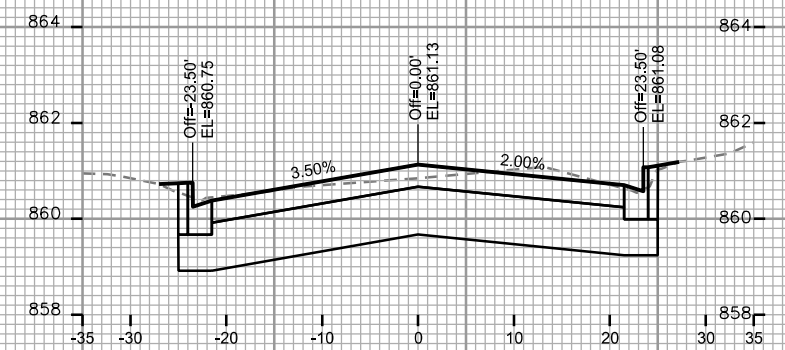
STA. 15+00



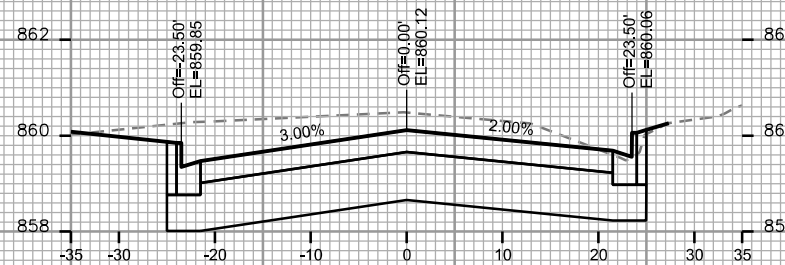
STA. 13+00



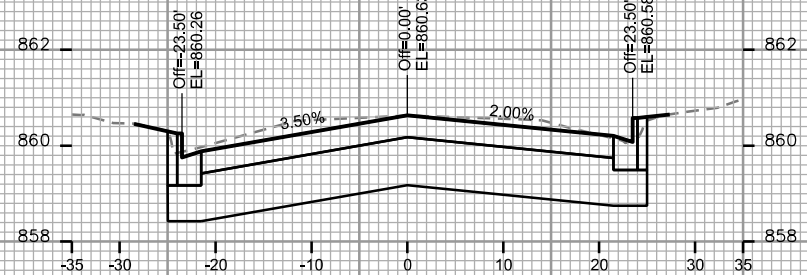
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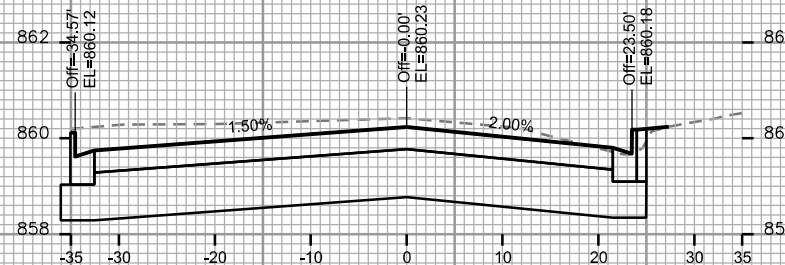
STA. 14+75



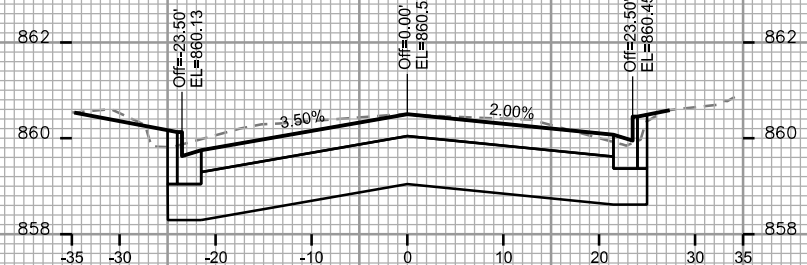
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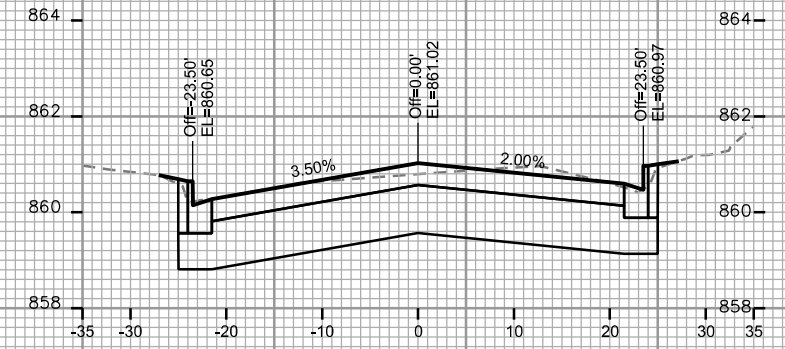
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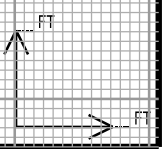
STA. 12+50



STA. 13+50



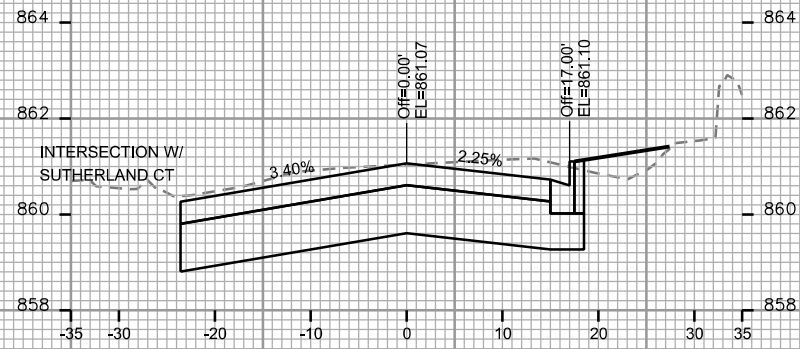
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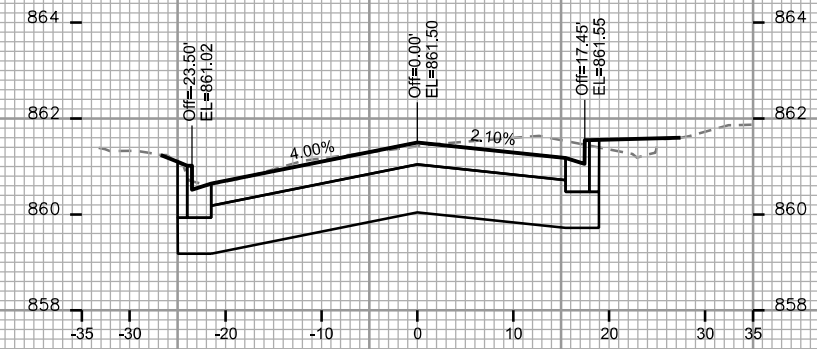
CROSS SECTIONS

WINNEBAGO ST.

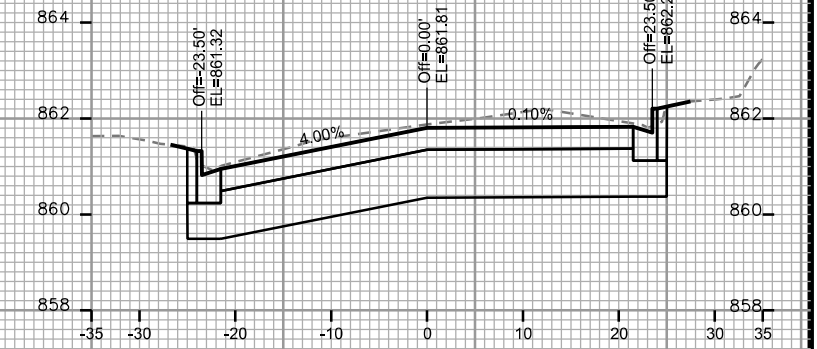
CITY OF MADISON



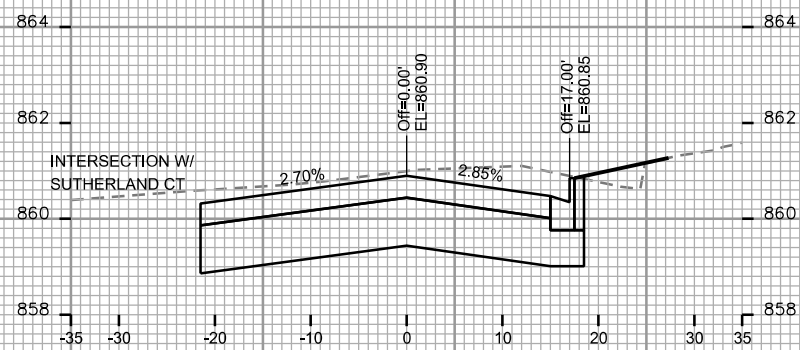
STA. 15+75



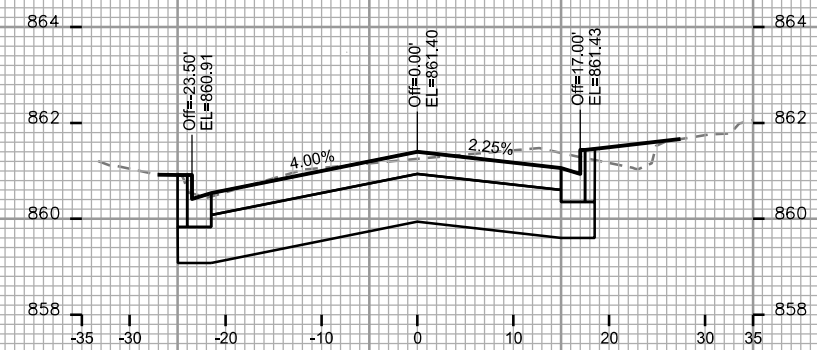
STA. 16+50



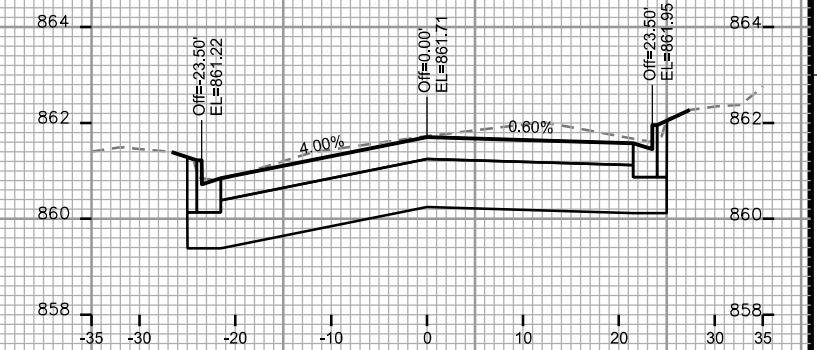
STA. 17+25



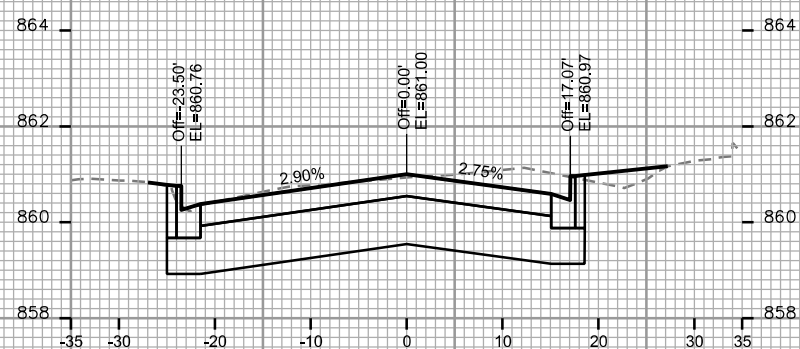
STA. 15+50



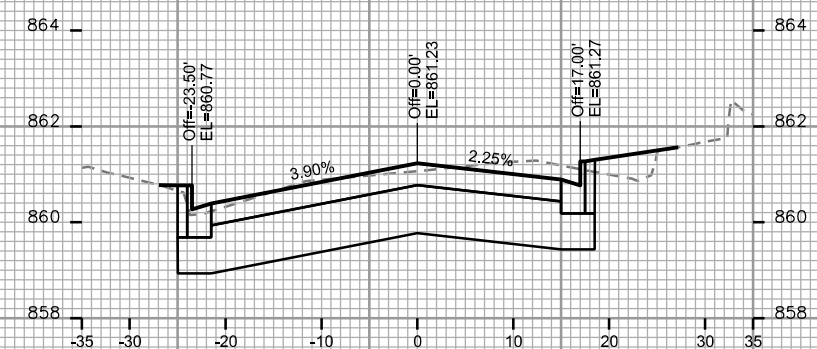
STA. 16+25



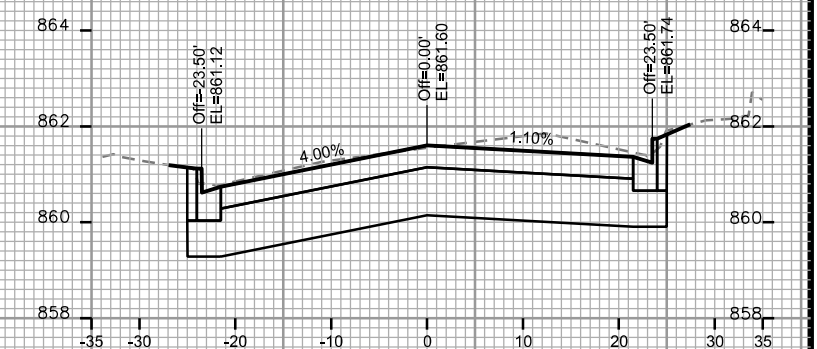
STA. 17+00



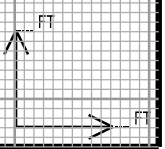
STA. 15+25



STA. 16+00



STA. 16+75



PLOT SCALE: _____

PLOT NAME: _____

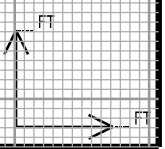
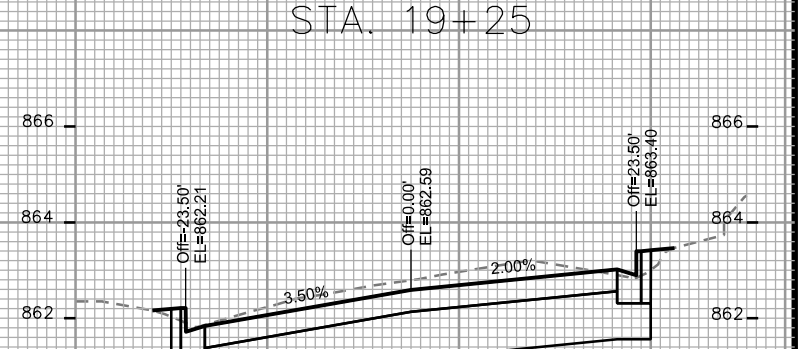
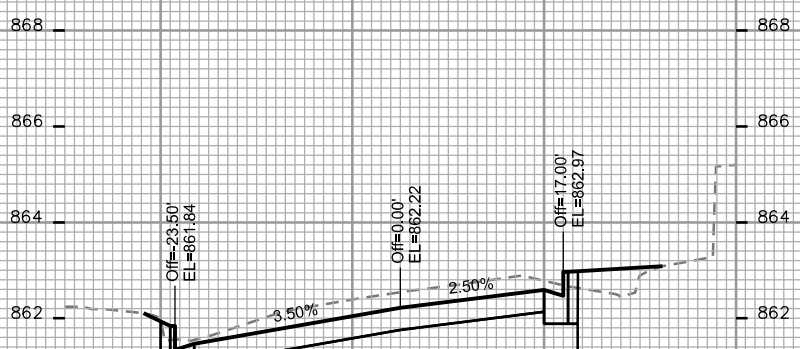
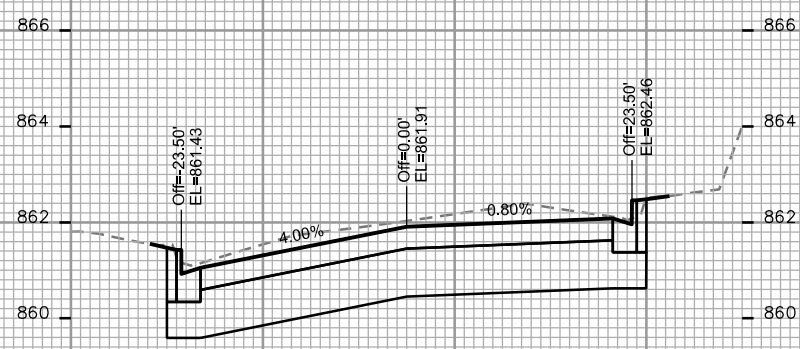
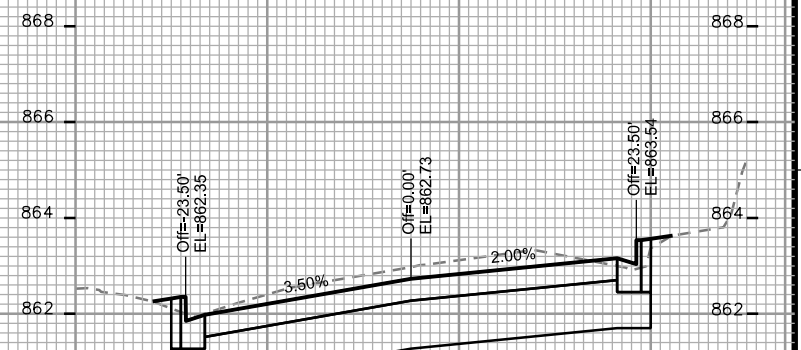
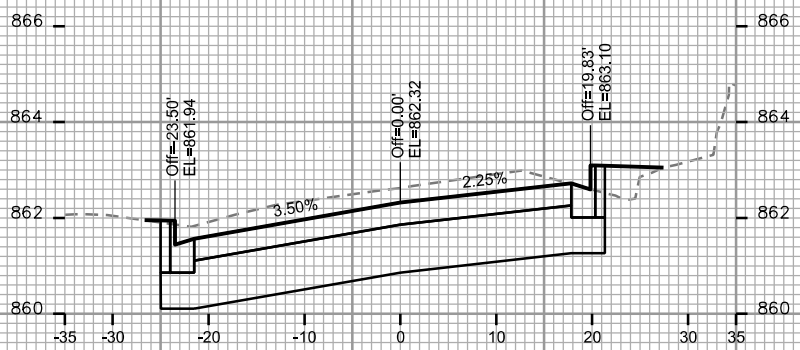
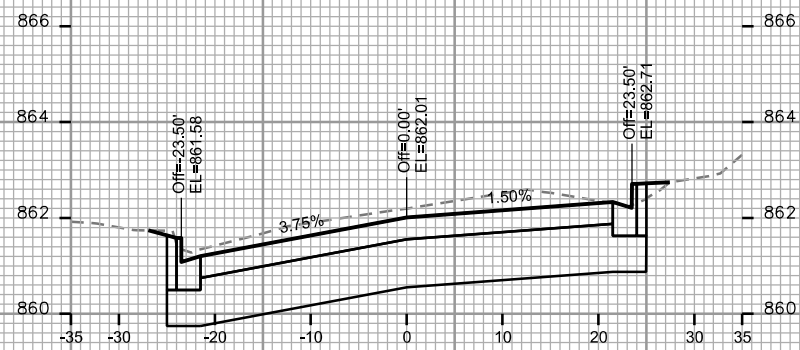
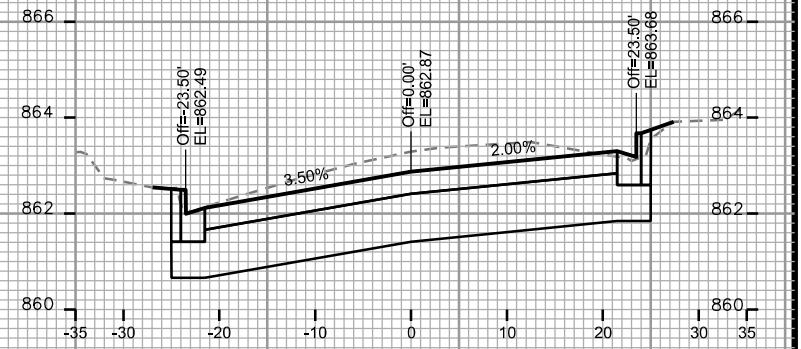
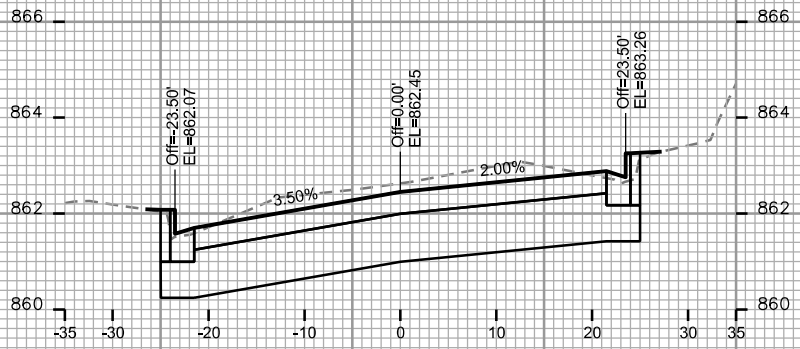
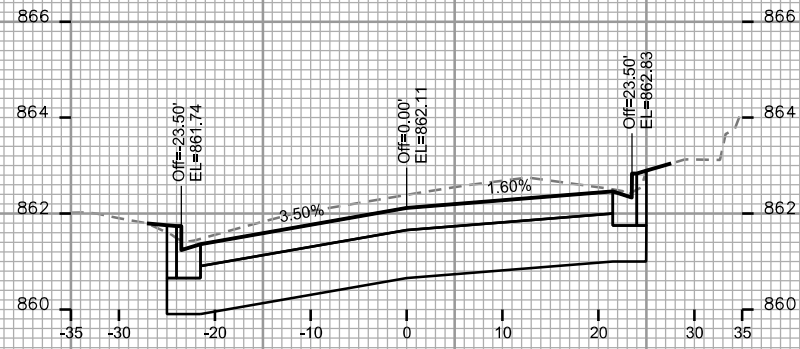
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

WINNEBAGO ST.

CITY OF MADISON



PLOT SCALE: _____

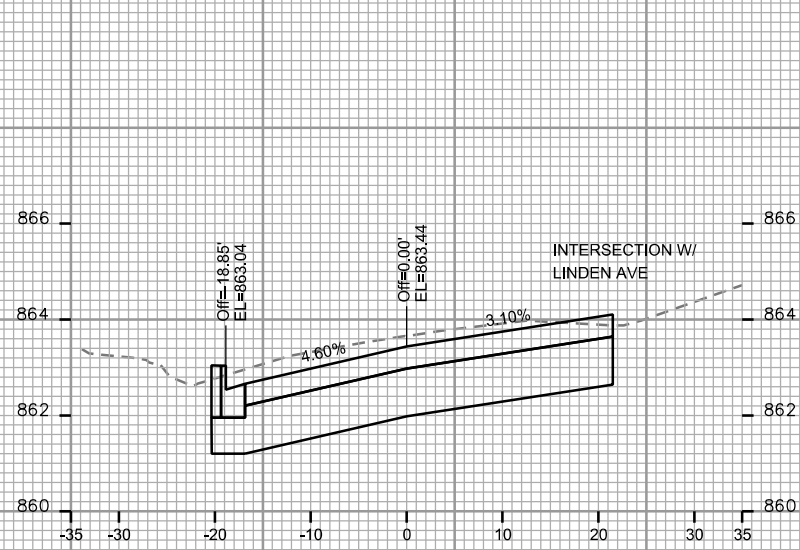
PLOT NAME: _____

REV. DATE: _____

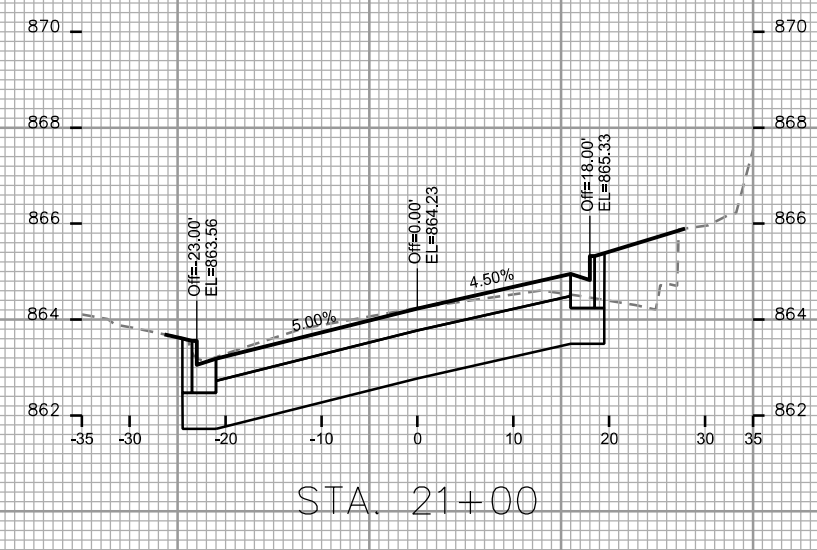
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

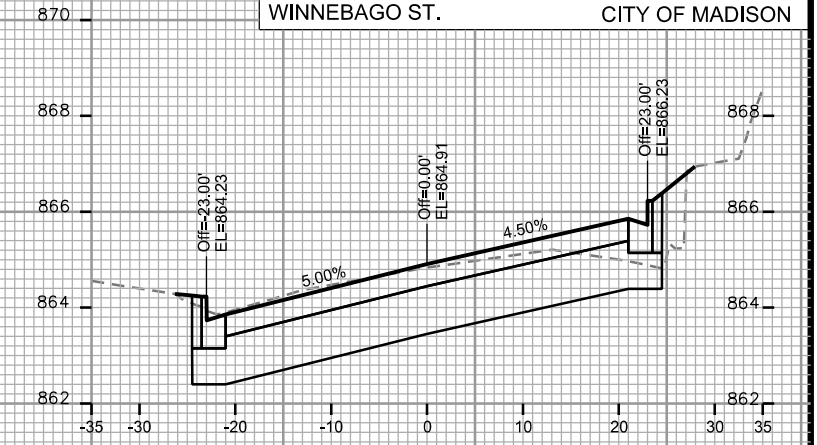
WINNEBAGO ST. CITY OF MADISON



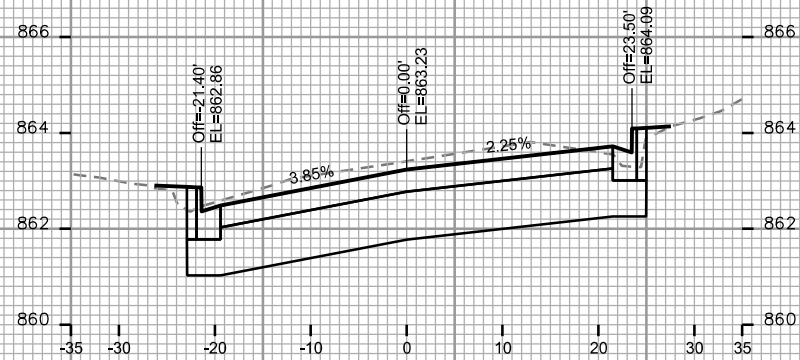
STA. 20+25



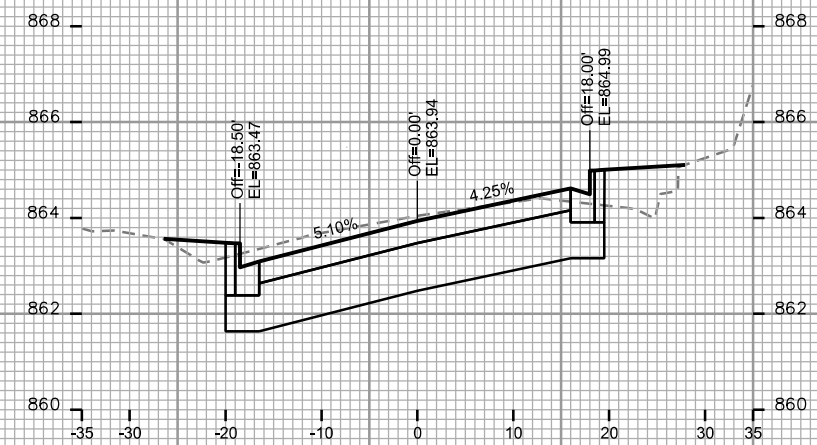
STA. 21+00



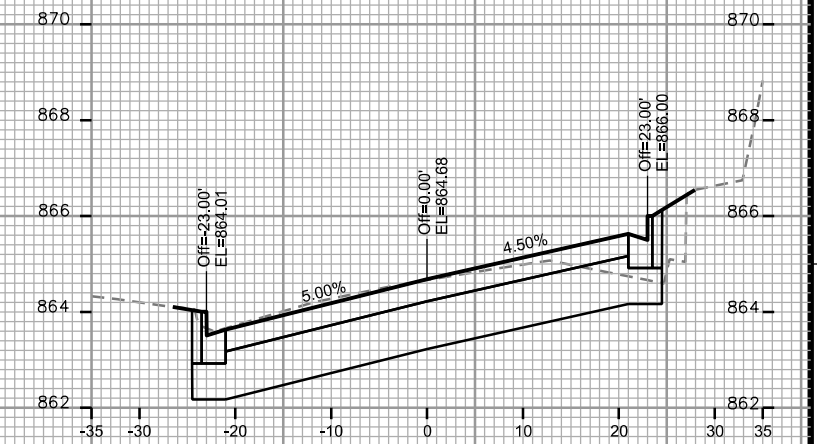
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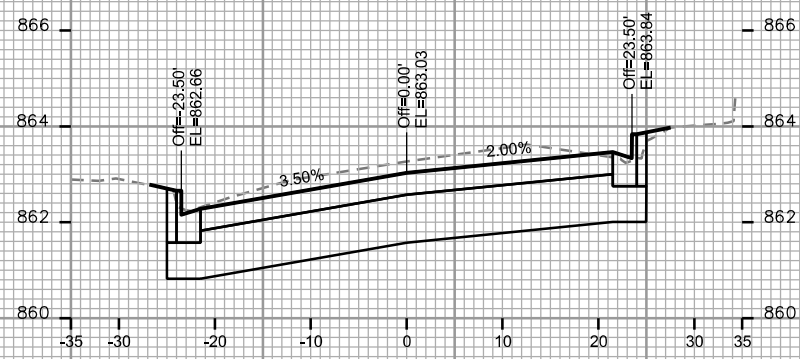
STA. 20+00



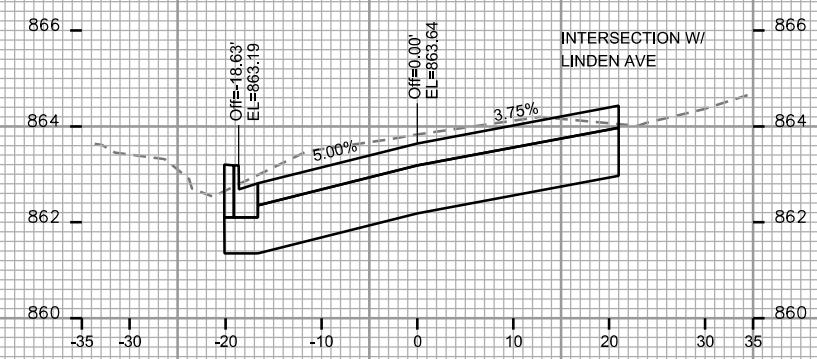
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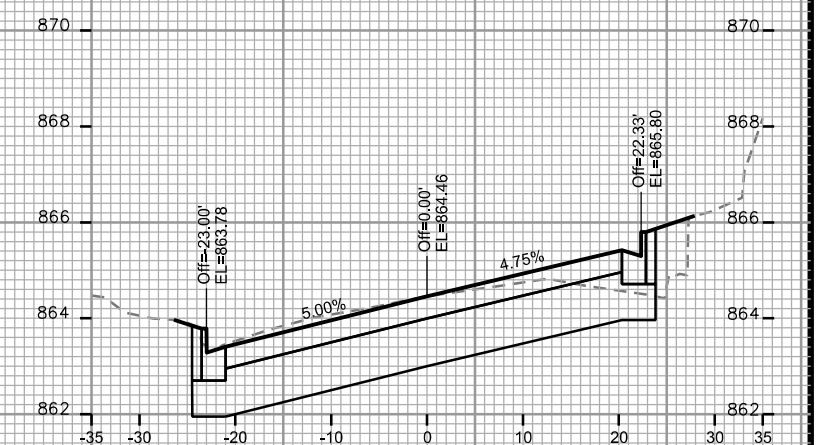
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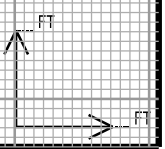
STA. 19+75



STA. 20+50



STA. 21+25



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

WINNEBAGO ST.

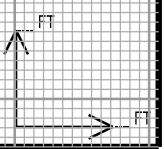
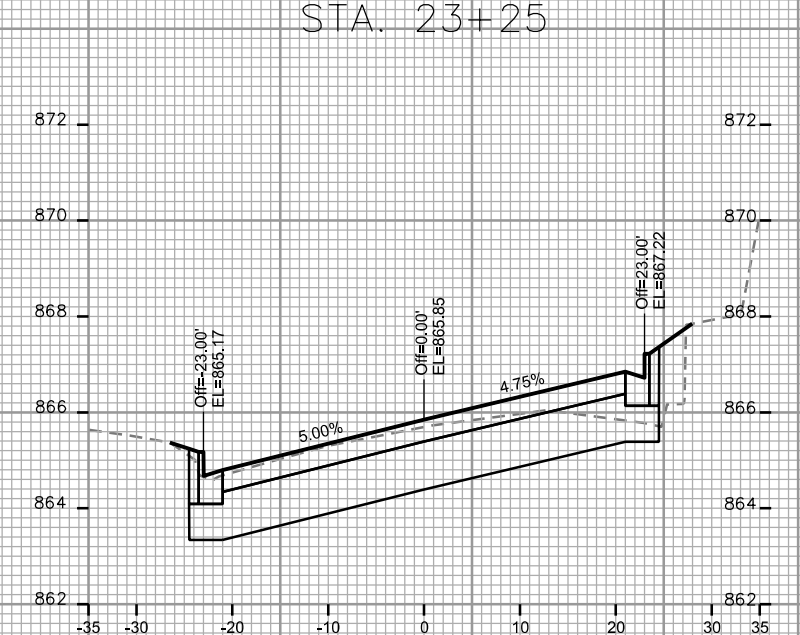
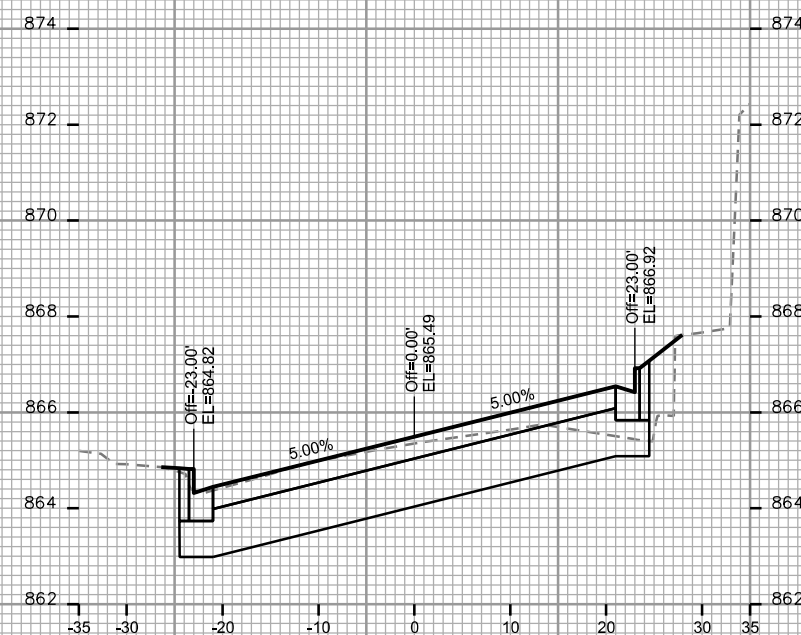
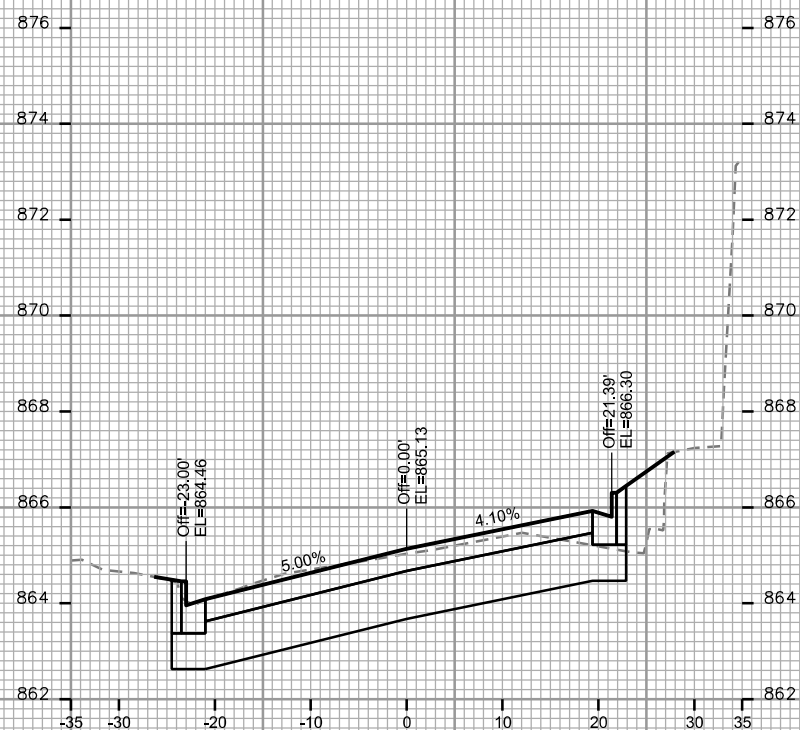
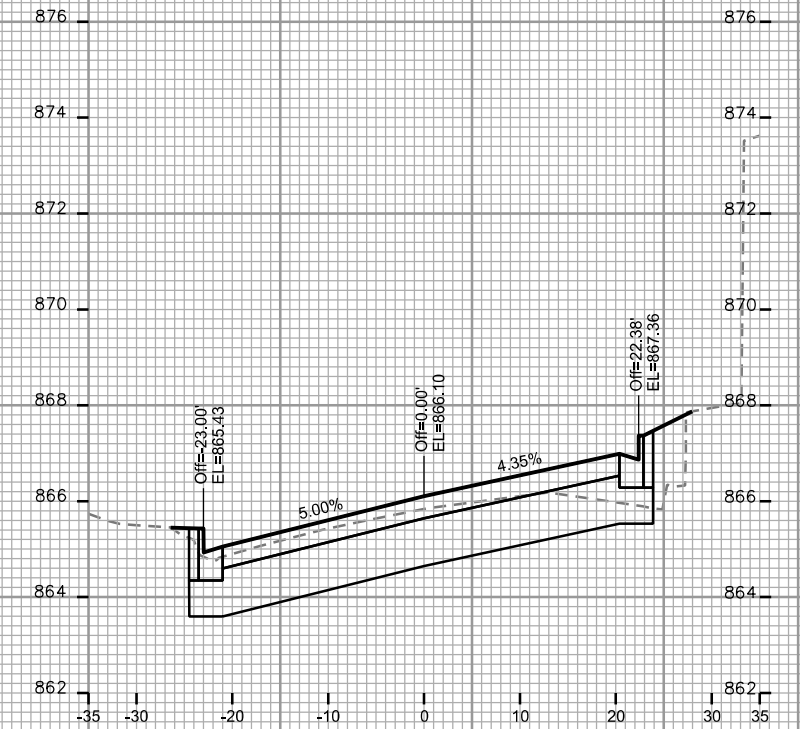
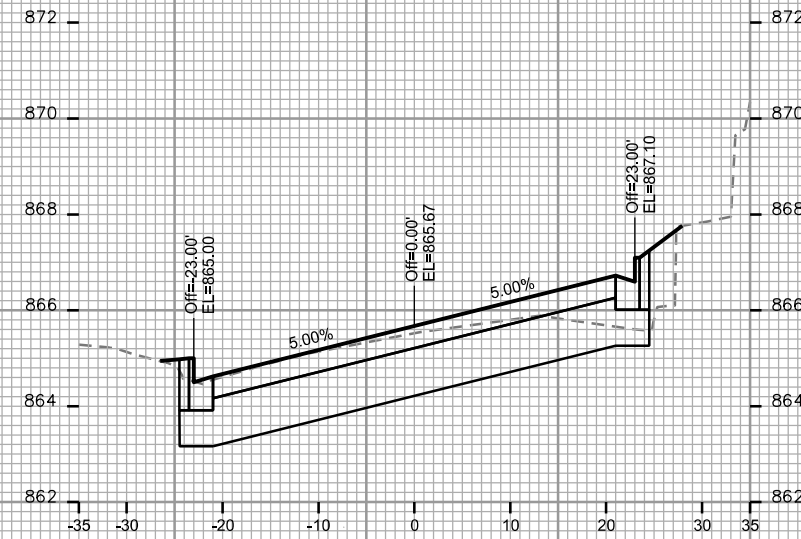
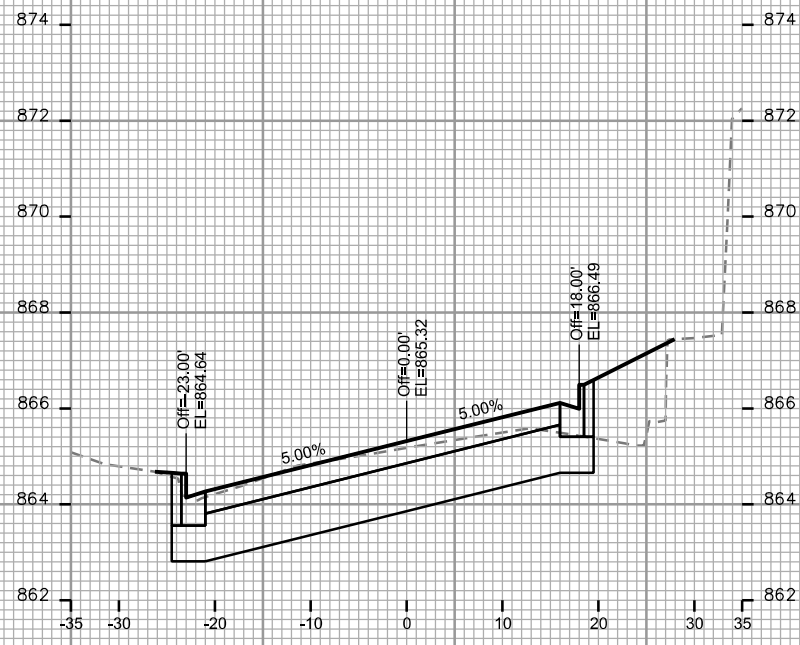
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

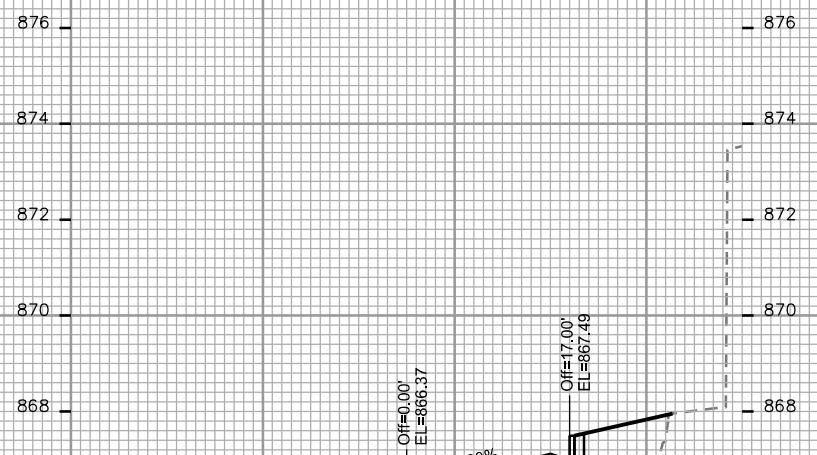
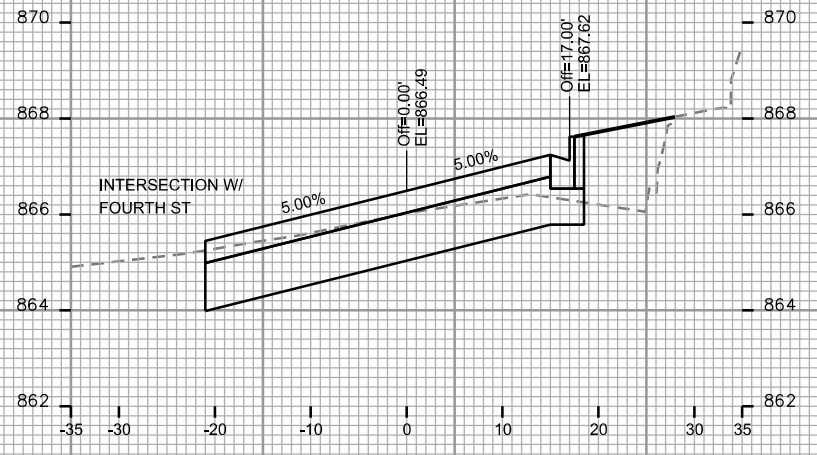
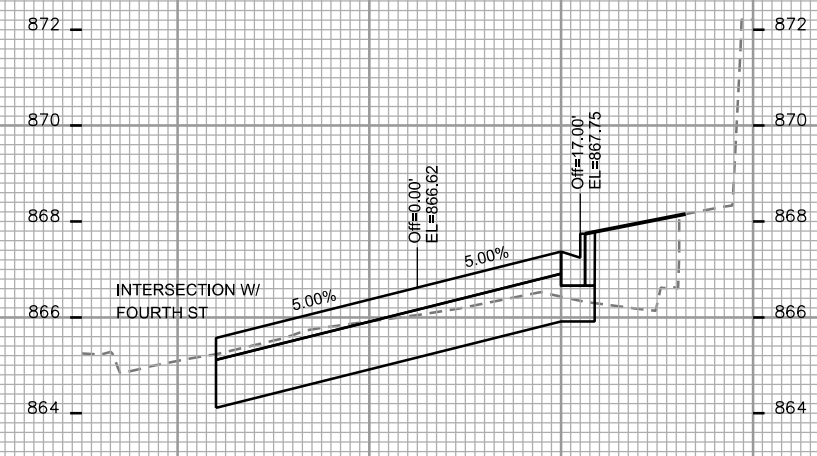
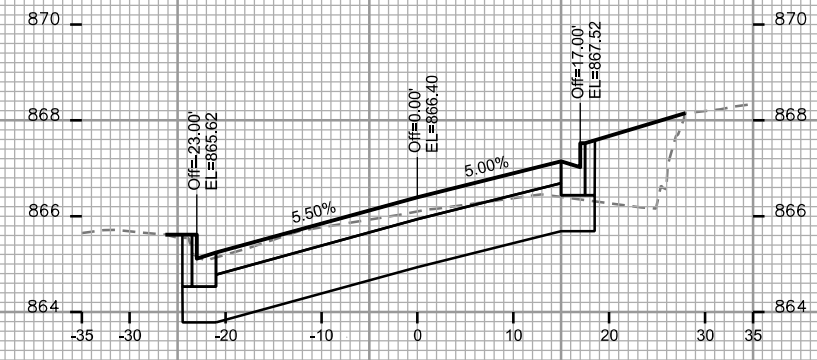
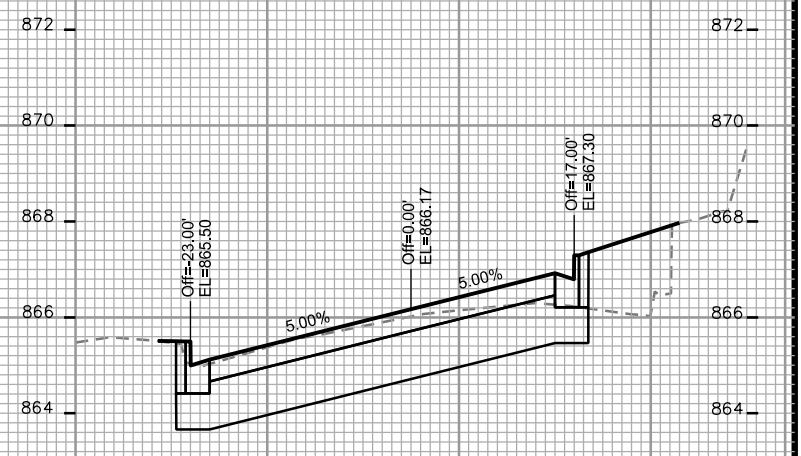
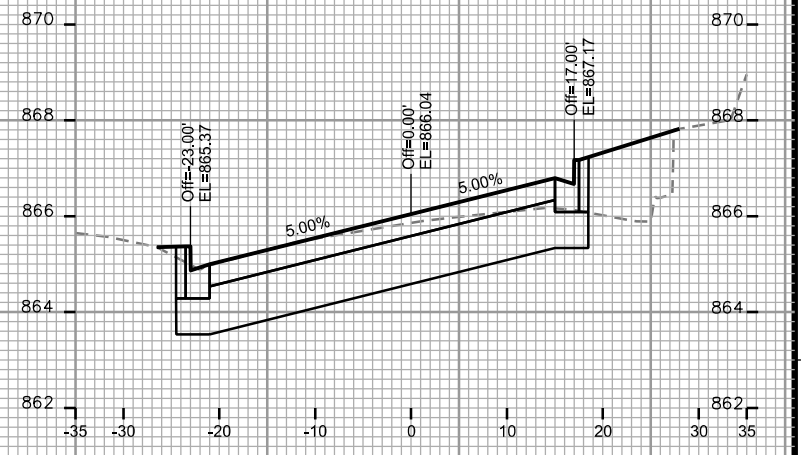
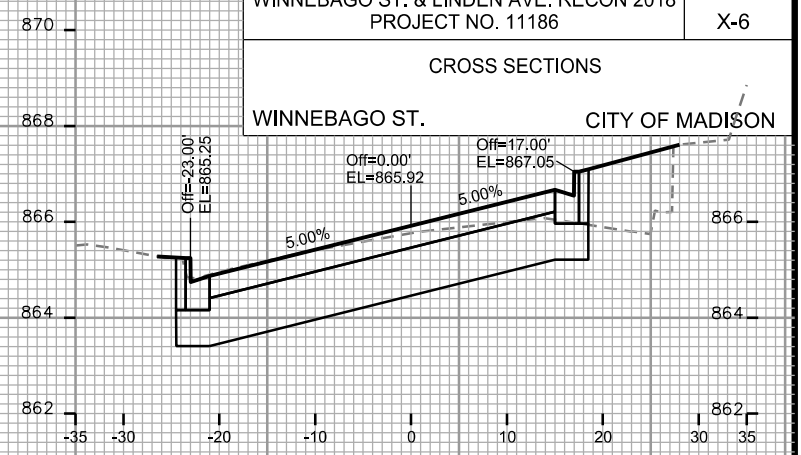
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

WINNEBAGO ST. CITY OF MADISON

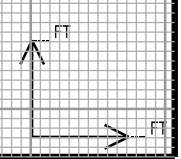


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

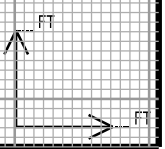
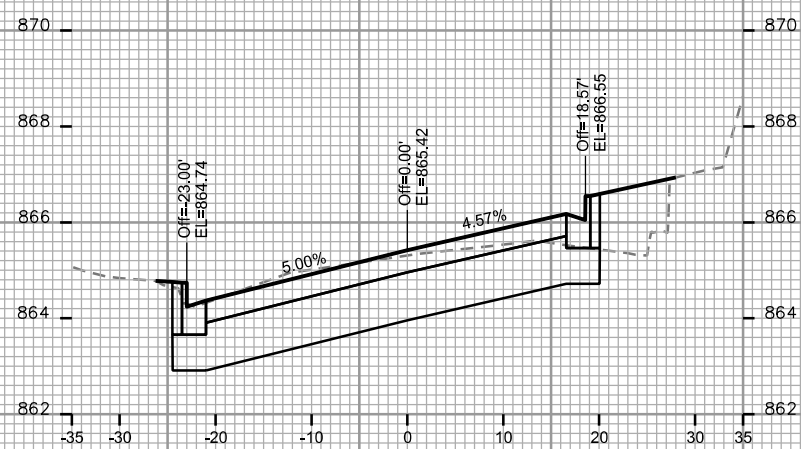
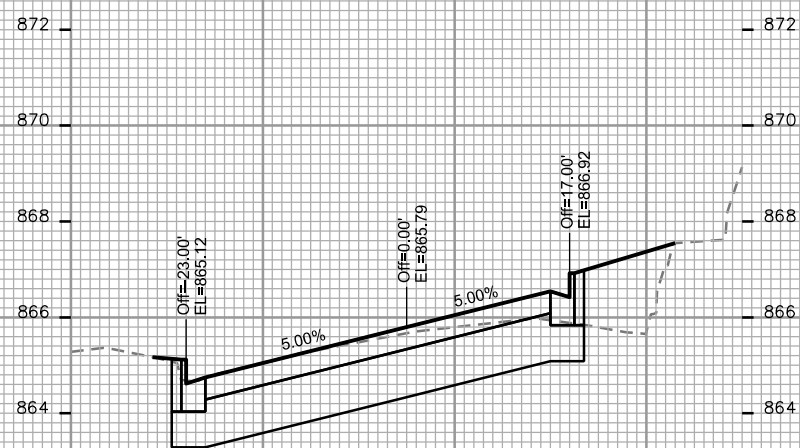
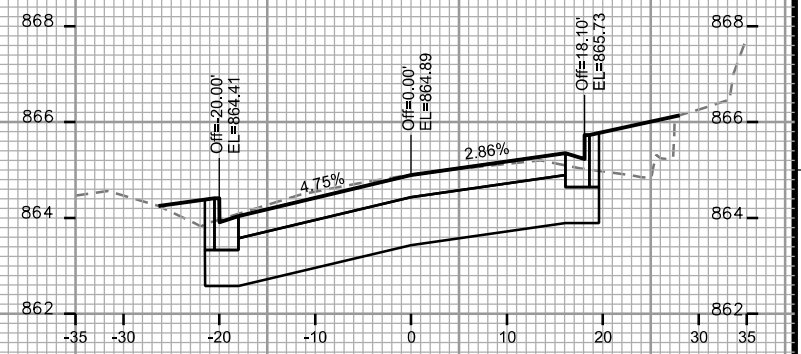
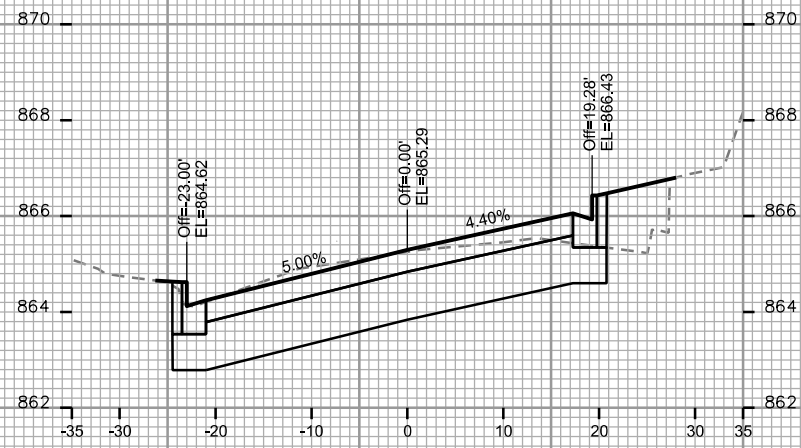
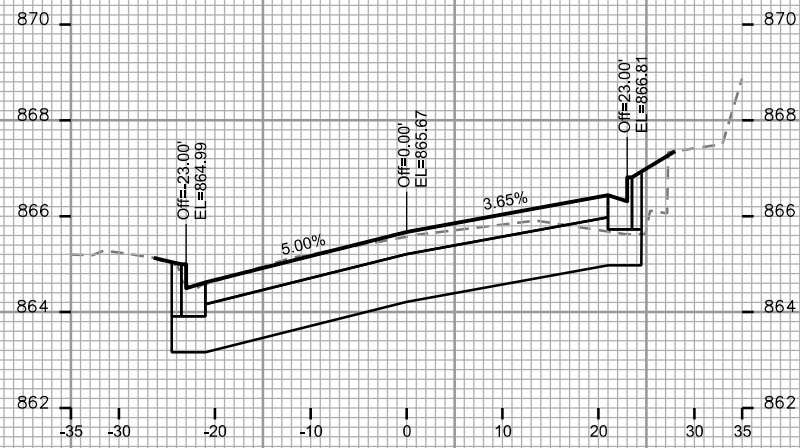
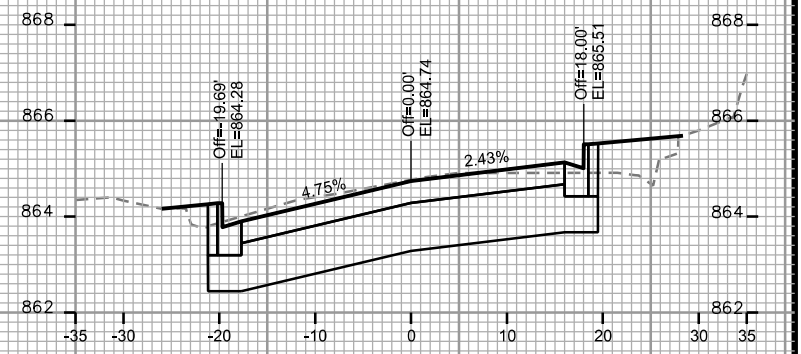
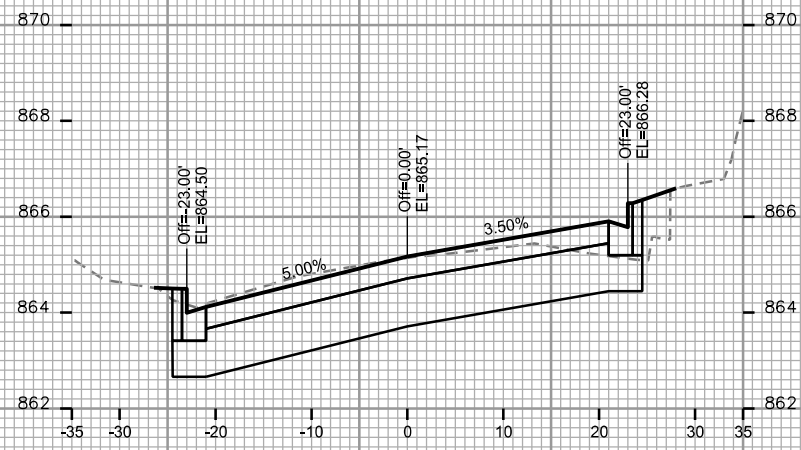
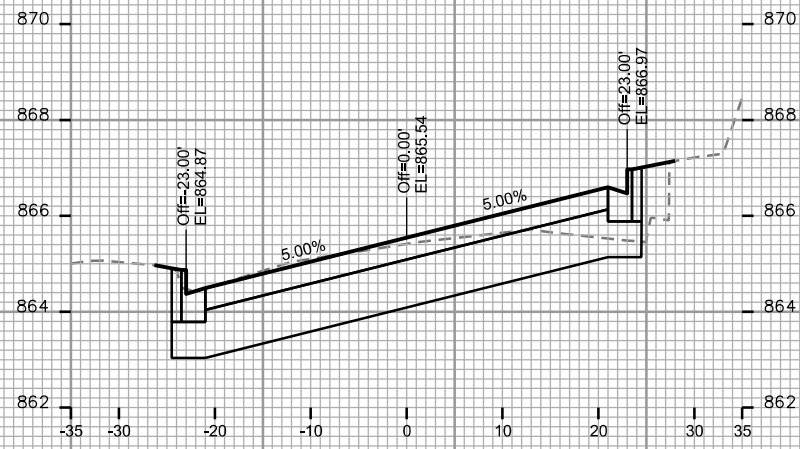
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

WINNEBAGO ST.

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

WINNEBAGO ST.

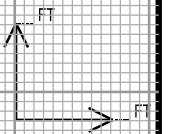
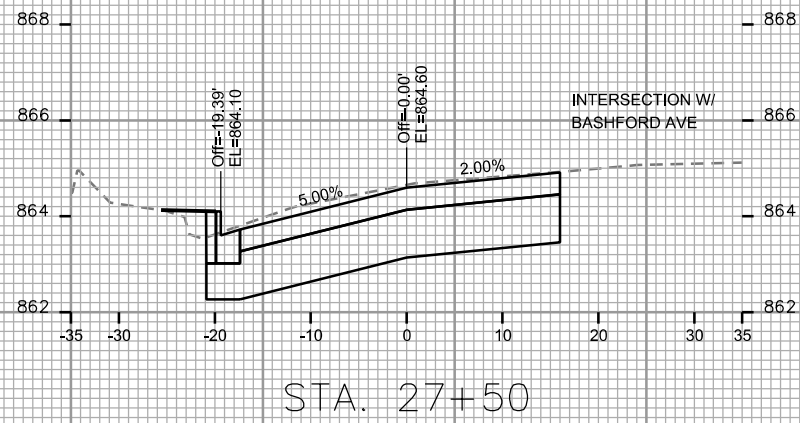
CITY OF MADISON

PLOT SCALE: _____

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CROSS SECTIONS

LINDEN AVE.

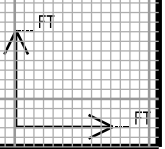
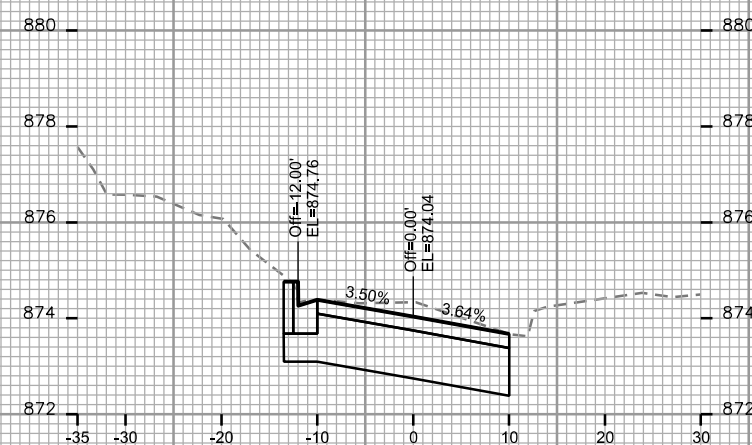
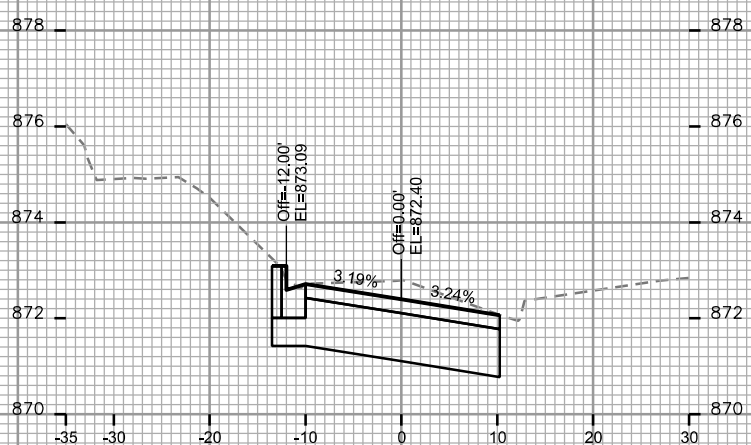
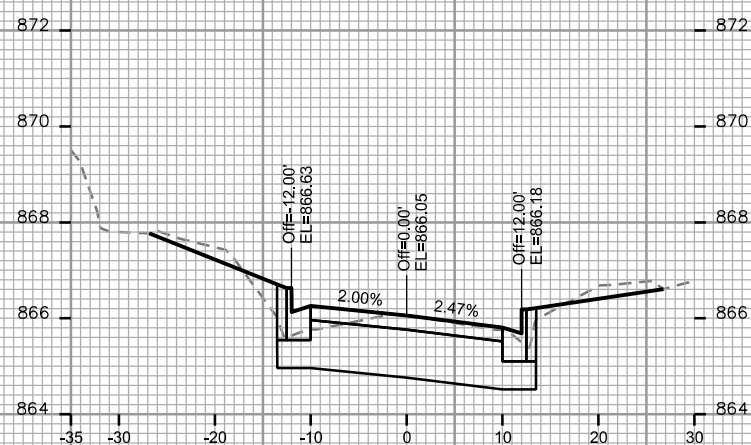
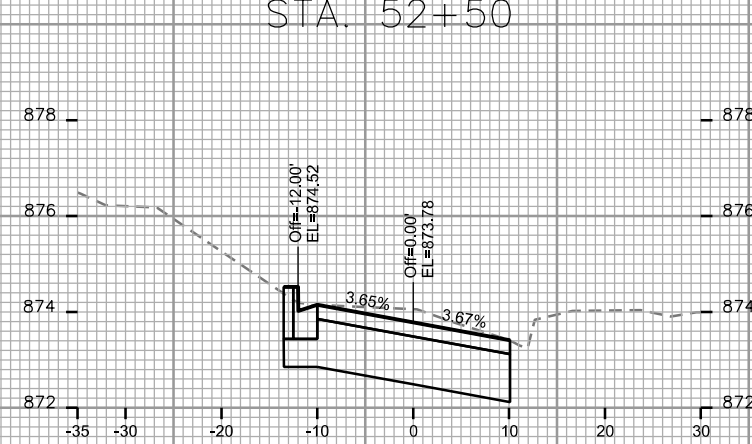
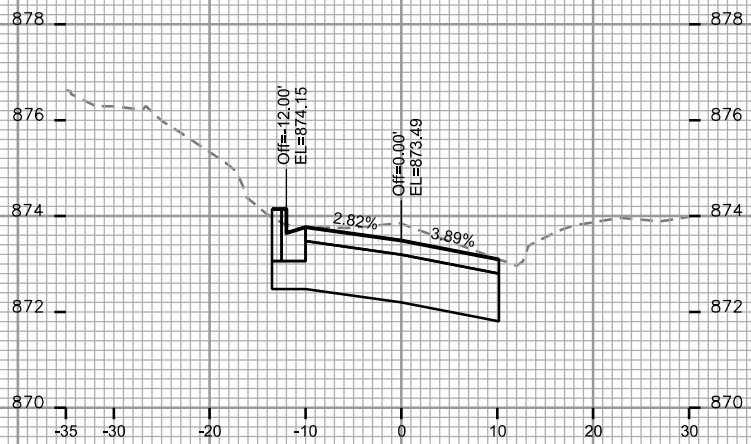
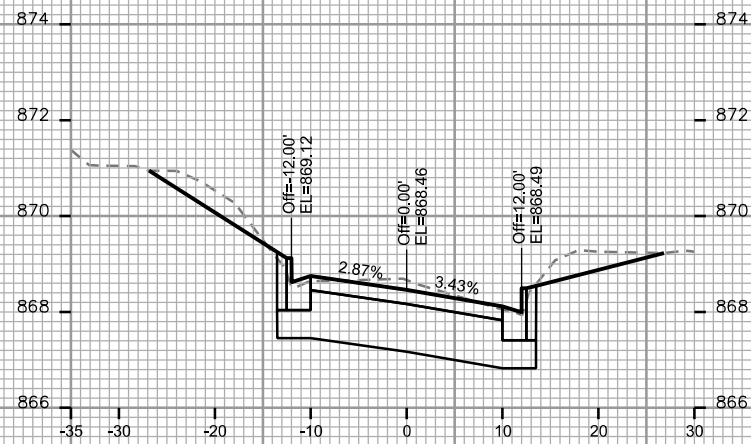
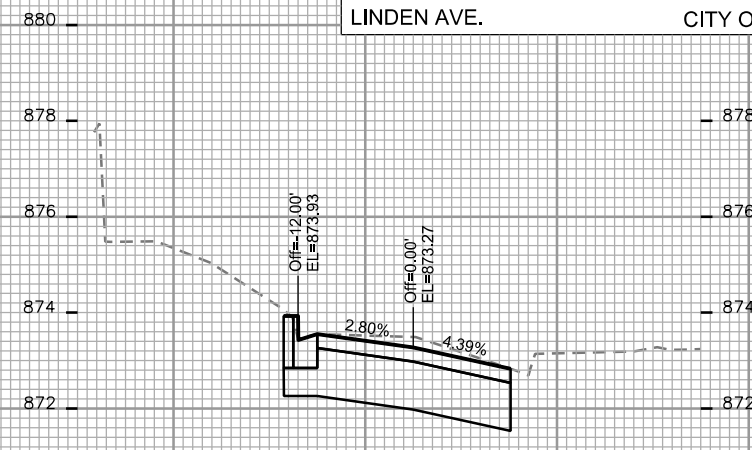
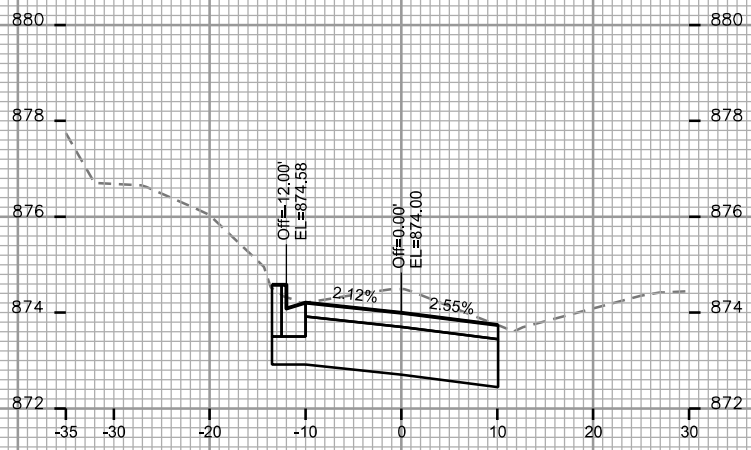
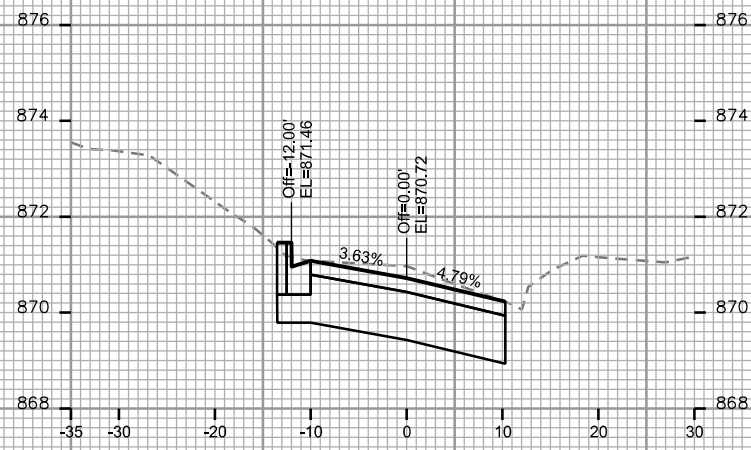
CITY OF MADISON

PLOT SCALE: _____

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CROSS SECTIONS

LINDEN AVE.

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