



Madison, Wisconsin

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CITY OF MADISON

CITY ENGINEERING DIVISION

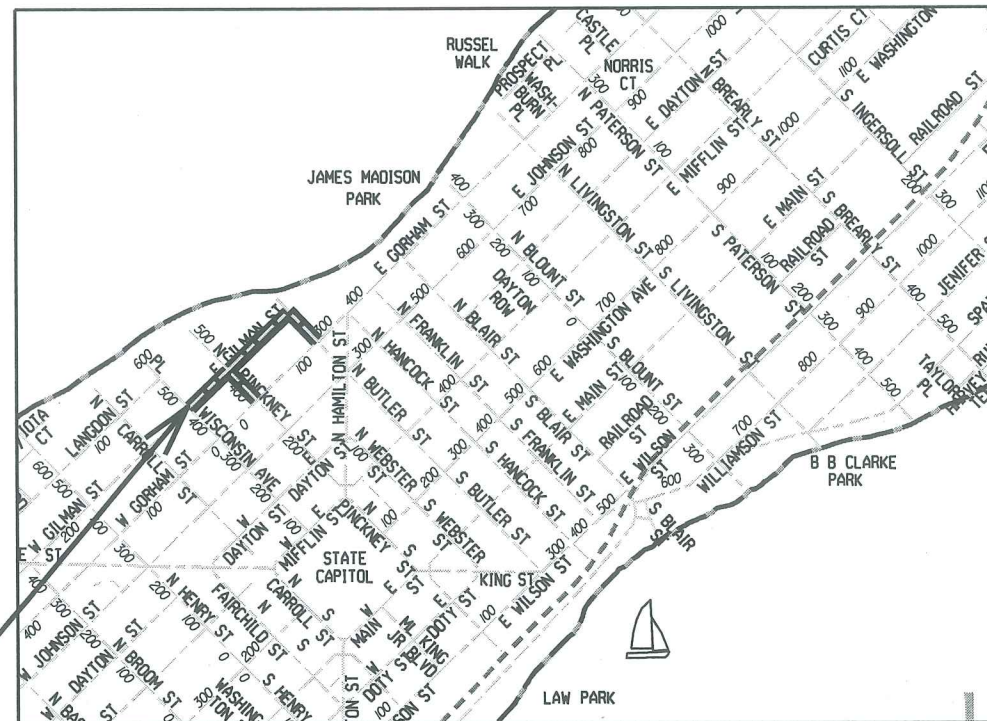
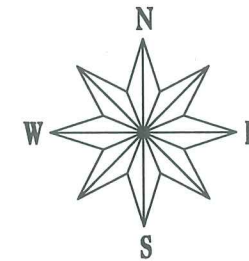
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

E. GILMAN STREET, N. PINCKNEY STREET, AND
N. BUTLER STREET RESURFACING WITH UTILITIES
ASSESSMENT DISTRICT - 2017

MUNIS NO. 11649

CITY CONTRACT NO. 8000



CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

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

CONSTRUCTION PROJECT LOCATION

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% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

EARTH WORK SUMMARY:
EXCAVATION CUT (MEASURED PLAN QUANTITY).....2250 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT..... 835 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....3085 C.Y.

PUBLIC IMPROVEMENT PROJECT APPROVED

SEPTEMBER 5, 2017

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

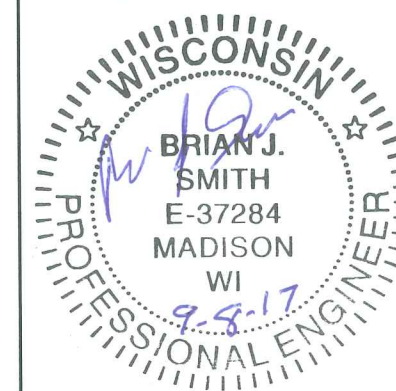
PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] 9/8/17
City Engineer Date

STREET DESIGNED BY:



ELECTRICAL DESIGNED BY:



STORM SEWER DESIGNED BY:

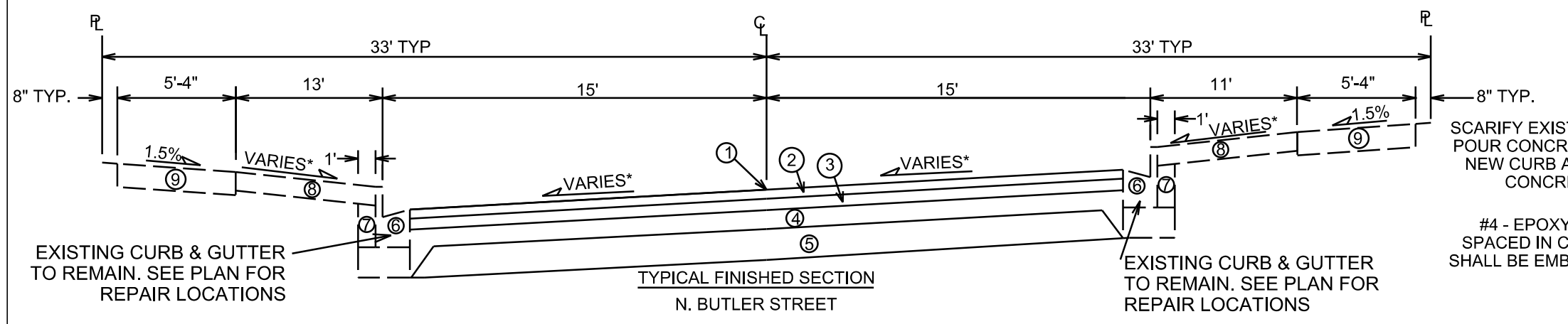
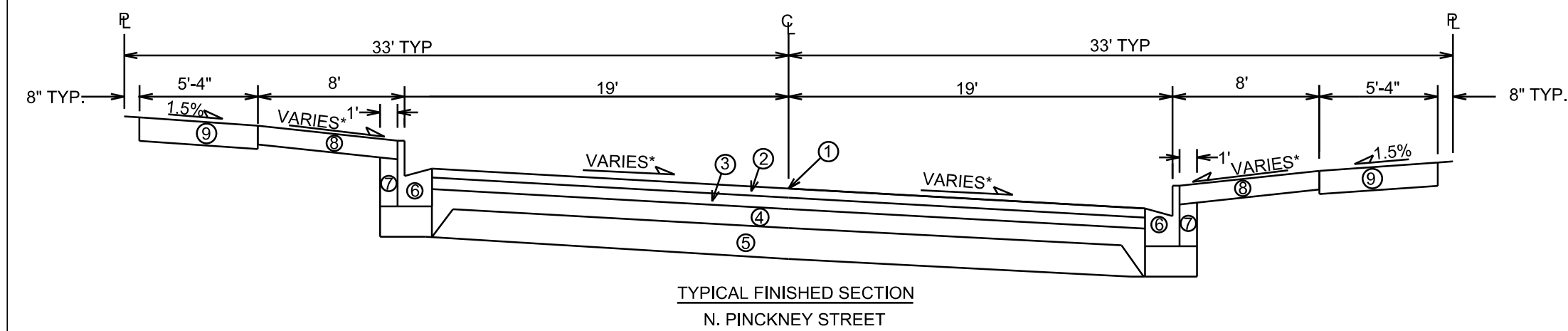
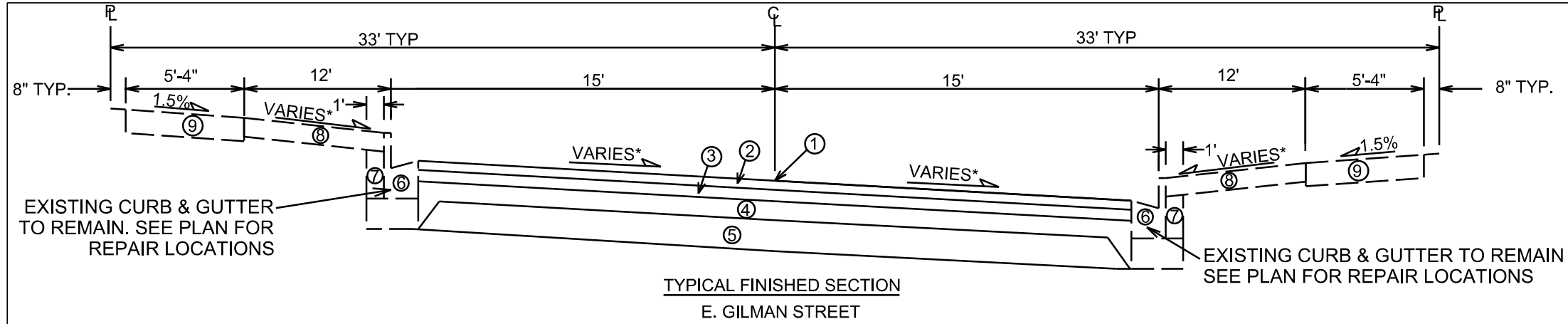


WATER DESIGNED BY:



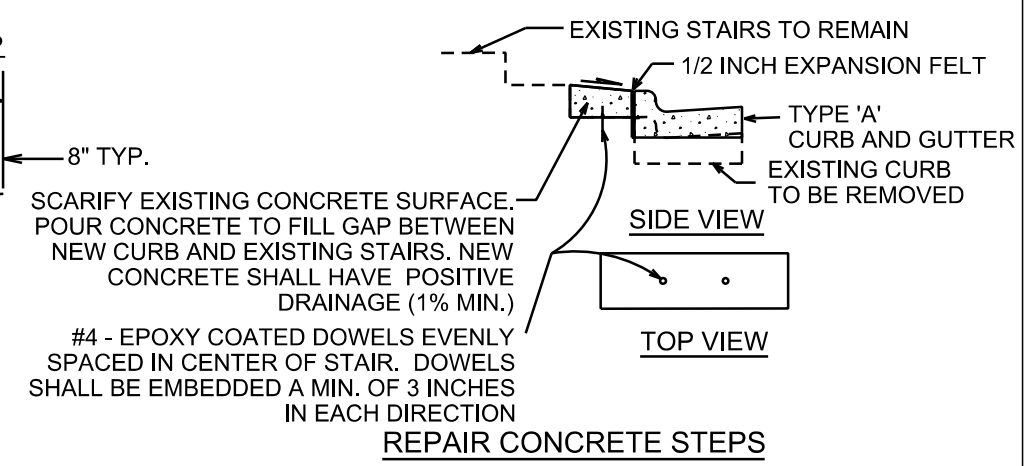
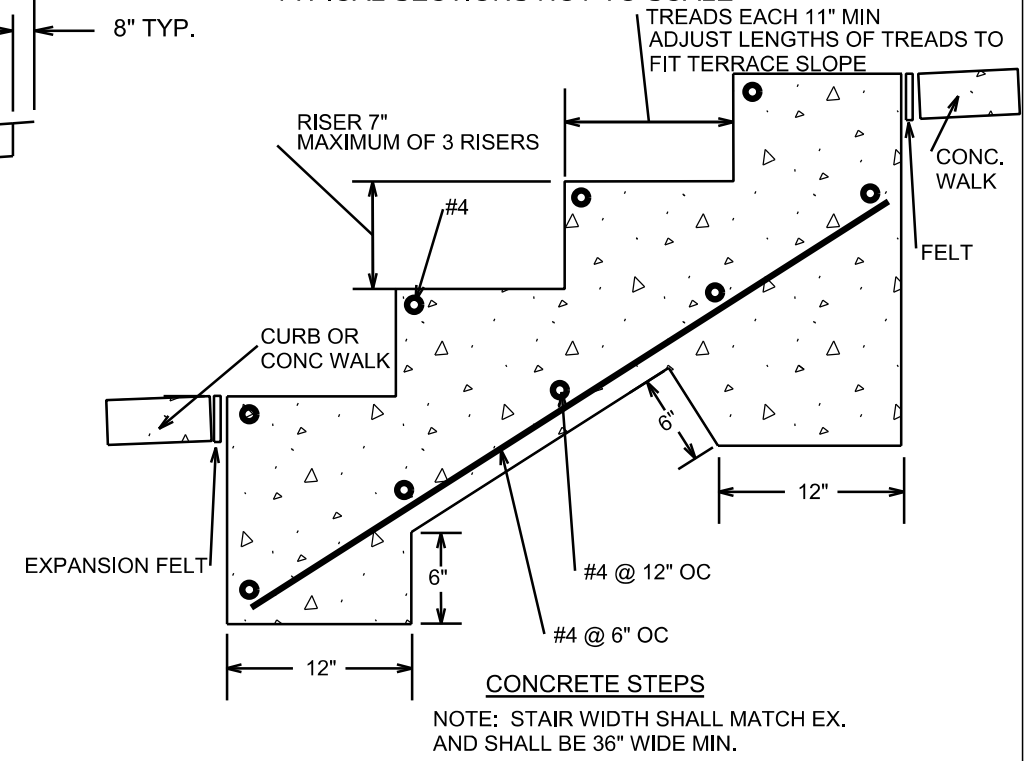
SANITARY SEWER DESIGNED BY:





- ① POINT REFERRED TO ON PROFILE
- ② 2.0" BITUMINOUS UPPER LAYER, TYPE E-1
- ③ 2.25" BITUMINOUS LOWER LAYER, TYPE E-1
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & MAT (SOD WHERE LONGITUDINAL SLOPE EXCEEDS 6% OR WHERE DIRECTED BY ENGINEER)
- ⑨ 5" CONCRETE SIDEWALK, REPLACE AS NOTED ON PLAN

* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.
TYPICAL SECTIONS NOT TO SCALE



PLOT SCALE: _____

PLOT NAME: _____

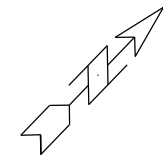
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

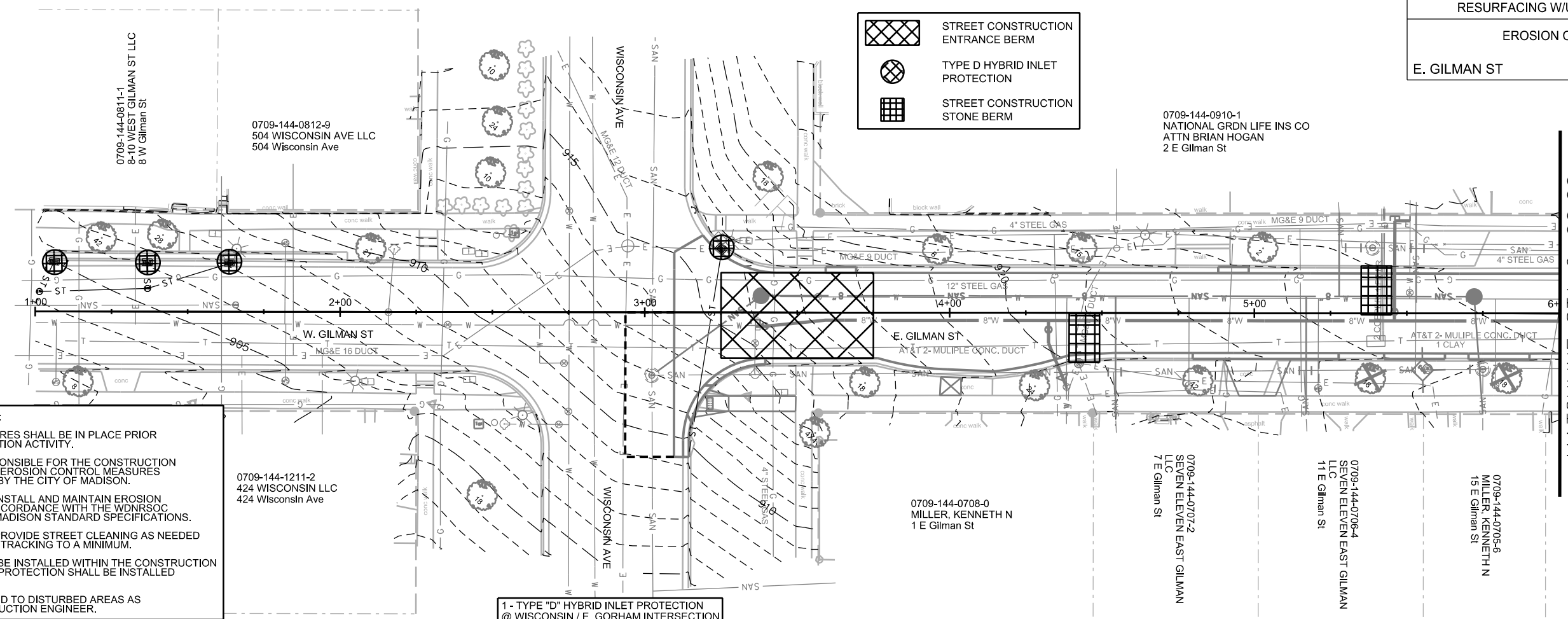
EROSION CONTROL PLAN

E. GILMAN ST

CITY OF MADISON



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



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 WDMRSOC 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.

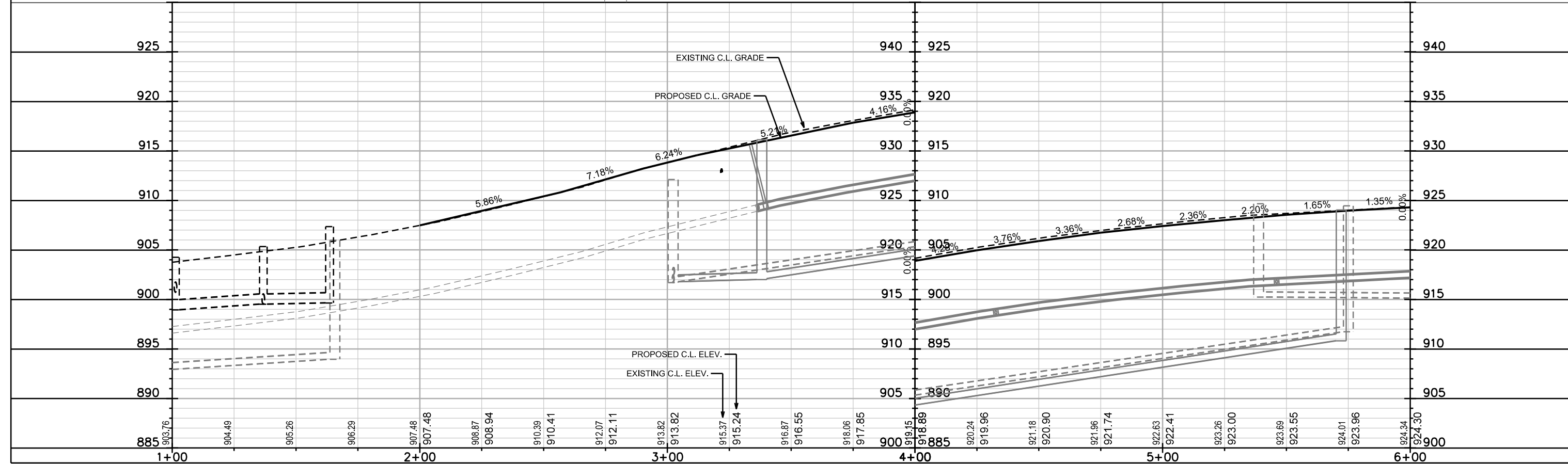
1 - TYPE "D" HYBRID INLET PROTECTION @ WISCONSIN / E. GORHAM INTERSECTION

PLOT SCALE: _____

PLOT NAME: _____

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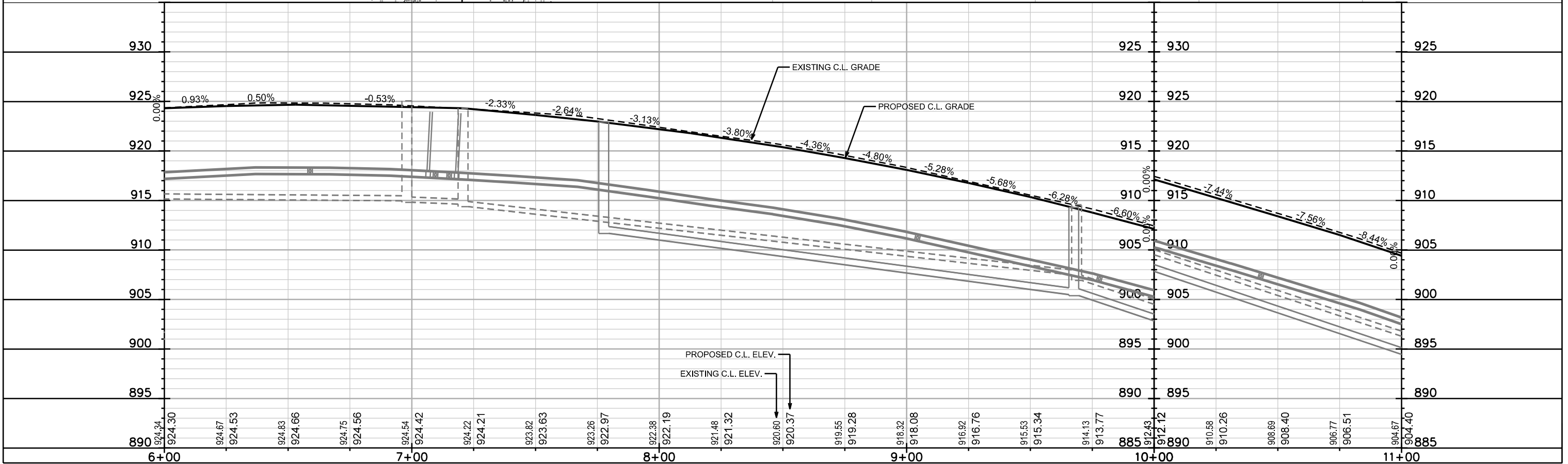
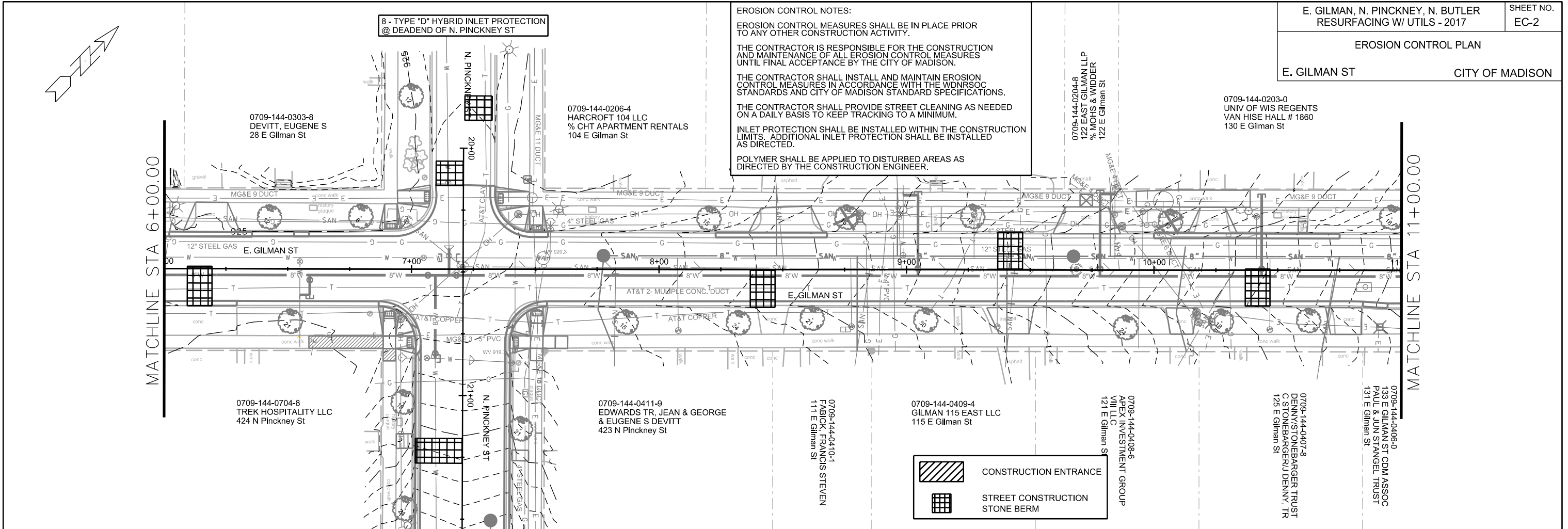
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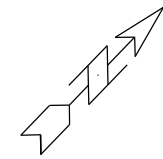


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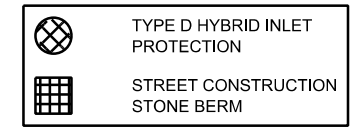
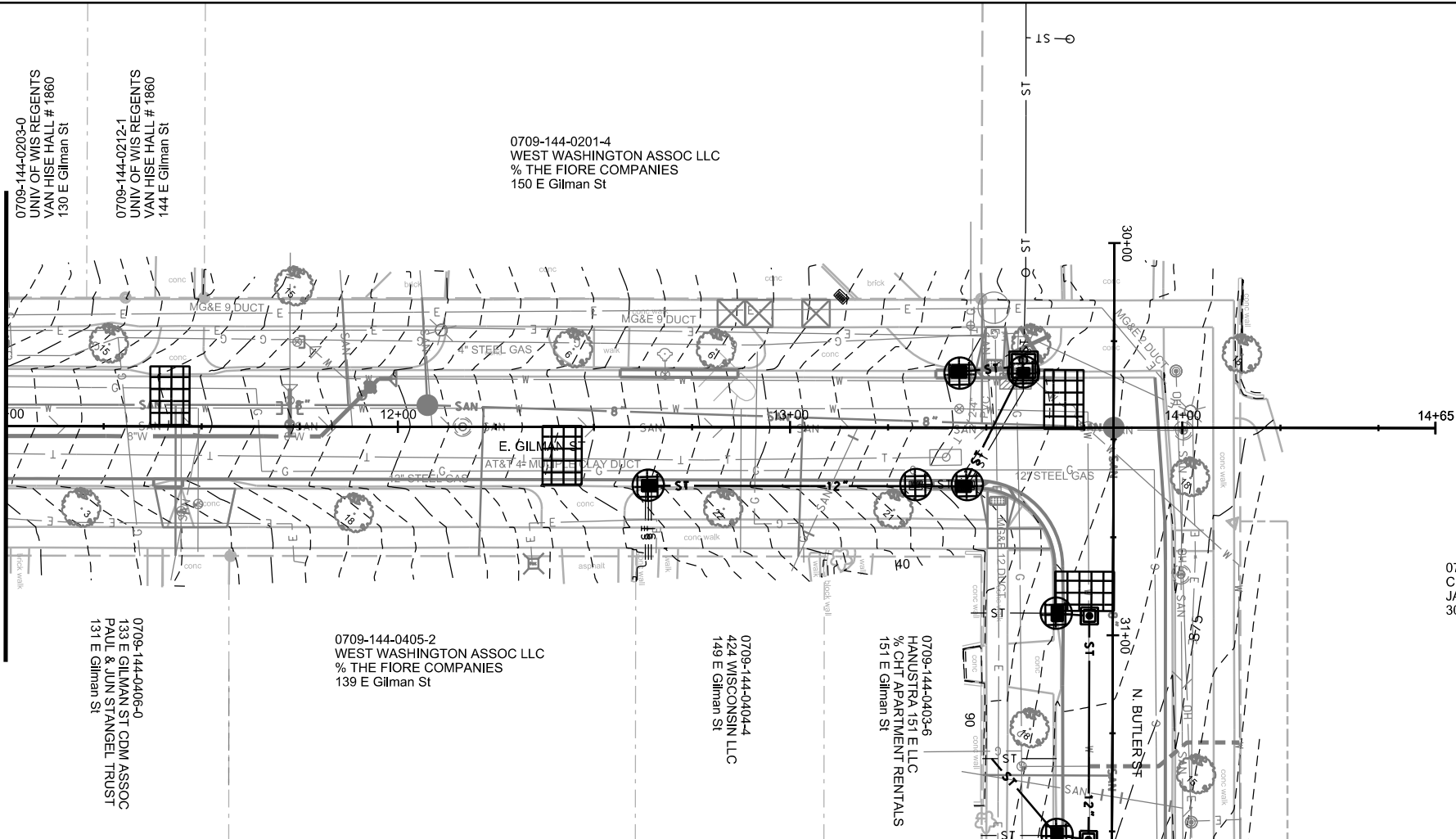
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MATCHLINE STA 11+00.00



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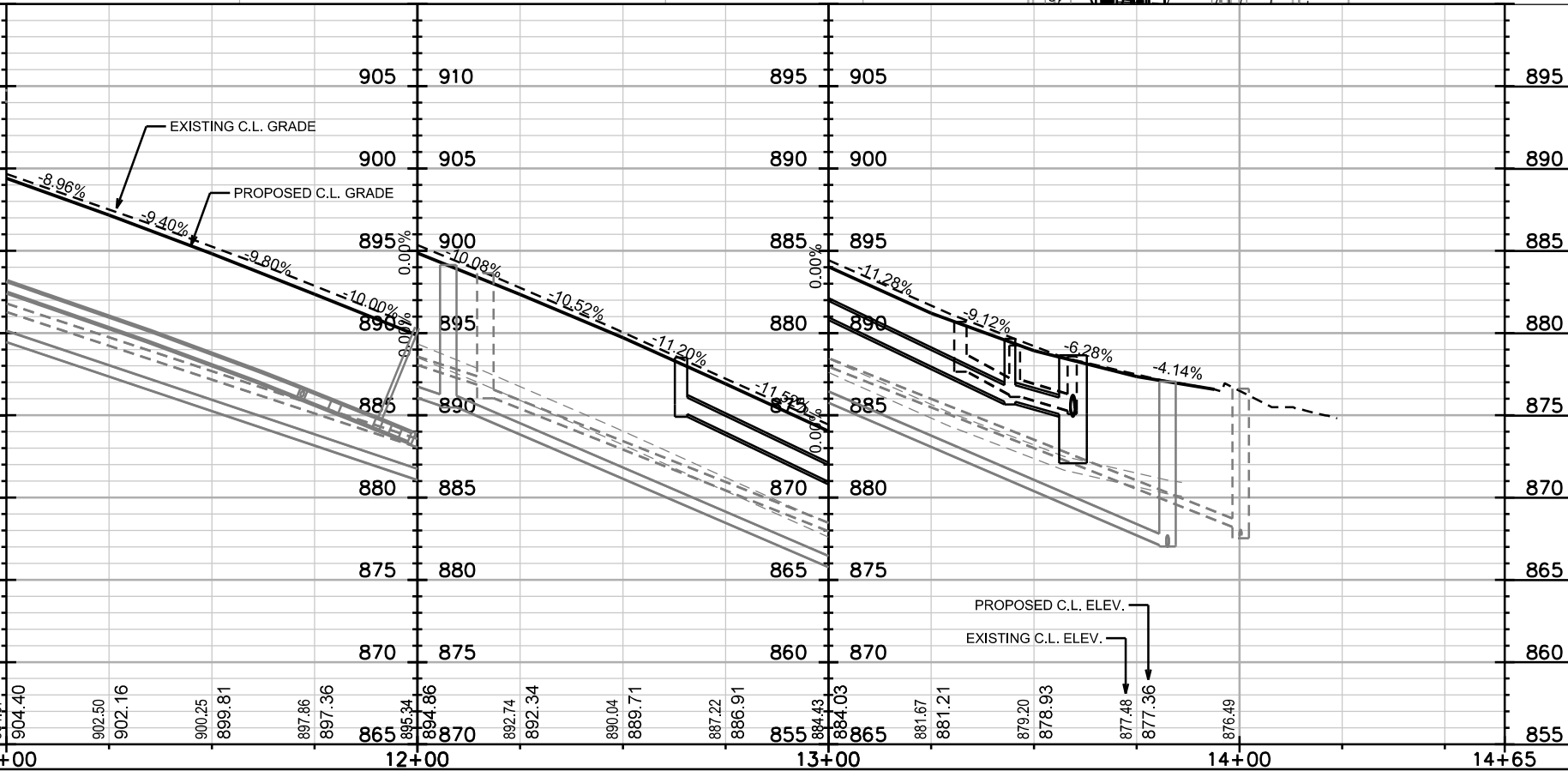
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0709-144-0101-6
CITY OF MADISON PARKS
JAMES MSN GATES OF HEAVEN
300 E Gorham St



PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN

N. PINCKNEY ST CITY OF MADISON

0709-144-0611-5
MANSION HILL PROPERTIES
LLC ETAL
319 N Pinckney St




0709-144-0206-4
HARCROFT 104 LLC
% CHT APARTMENT RENTALS
104 E Gilman St

0709-144-0411-9
EDWARDS TR, JEAN & GEORGE
& EUGENE S DEVITT
423 N Pinckney St

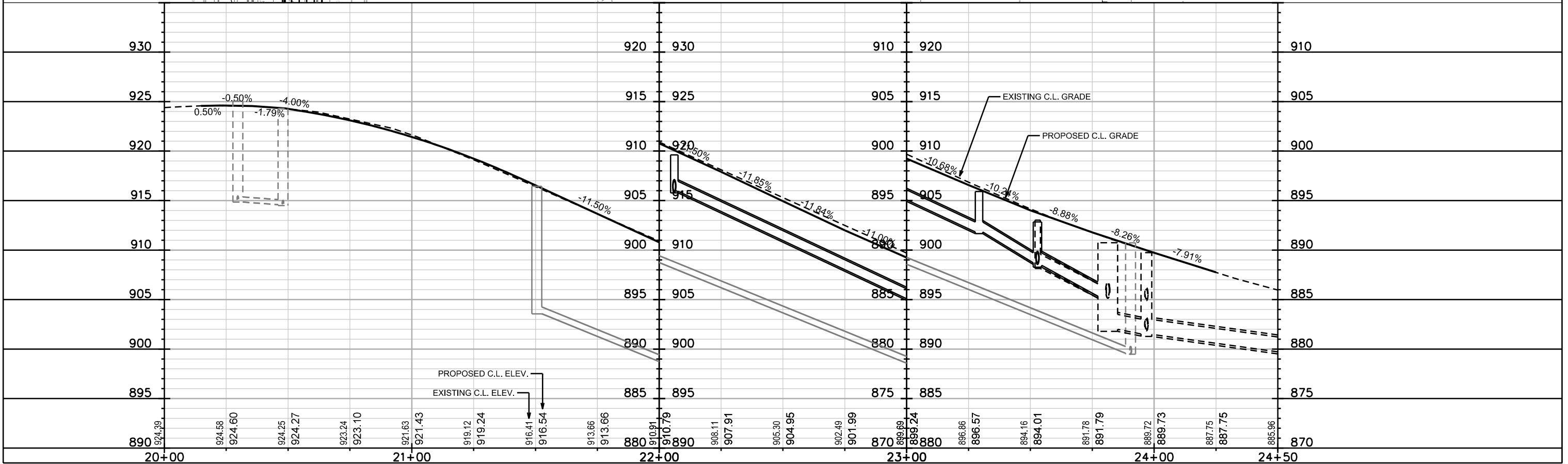
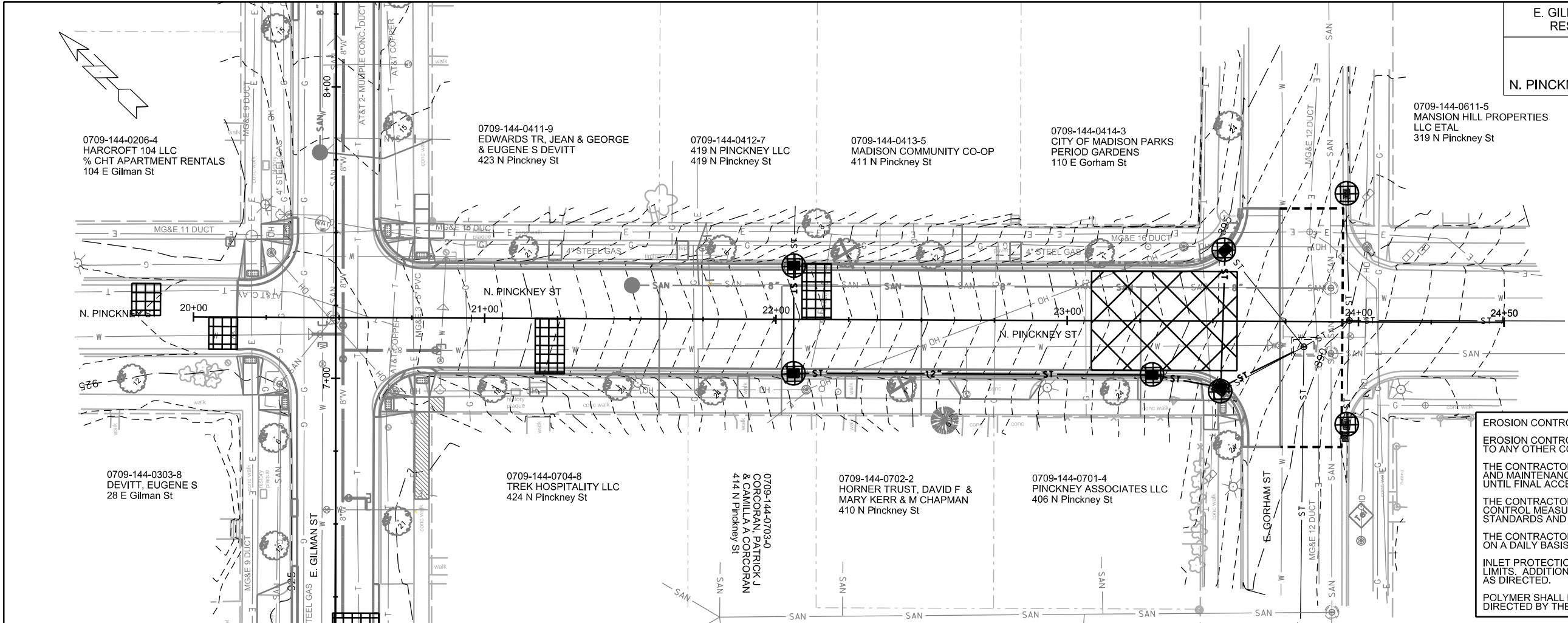
0709-144-0412-7
419 N PINCKNEY LLC
419 N Pinckney St

0709-144-0413-5
MADISON COMMUNITY CO-OP
411 N Pinckney St

0709-144-0414-3
CITY OF MADISON PARKS
PERIOD GARDENS
110 E Gorham St

-  STREET CONSTRUCTION ENTRANCE BERM
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EROSION CONTROL PLAN

N. BUTLER ST

CITY OF MADISON

0709-144-0101-6
CITY OF MADISON PARKS
JAMES MSN GATES OF HEAVEN
300 E Gorham St

0709-144-0403-6
HANUSTRRA 151 E LLC
% CHT APARTMENT RENTALS
151 E Gilman St

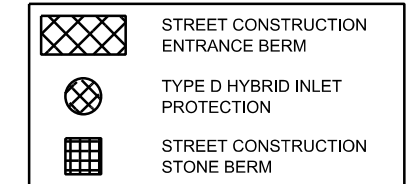
0709-144-0402-8
LO-F-GREEN PROPERTIES 4 LLC
416 N Butler St

0709-144-0401-0
SELK, GAIL B
% OAKLAND PROP SRV LLC
410 N Butler St

0709-144-0421-8
SELK, GAIL B
% OAKLAND PROP SRV LLC
152 E Gorham St

0709-144-0201-4
WEST WASHINGTON ASSOC LLC
% THE FIORE COMPANIES
150 E Gilman St

0709-144-0404-4
424 WISCONSIN LLC
149 E Gilman St



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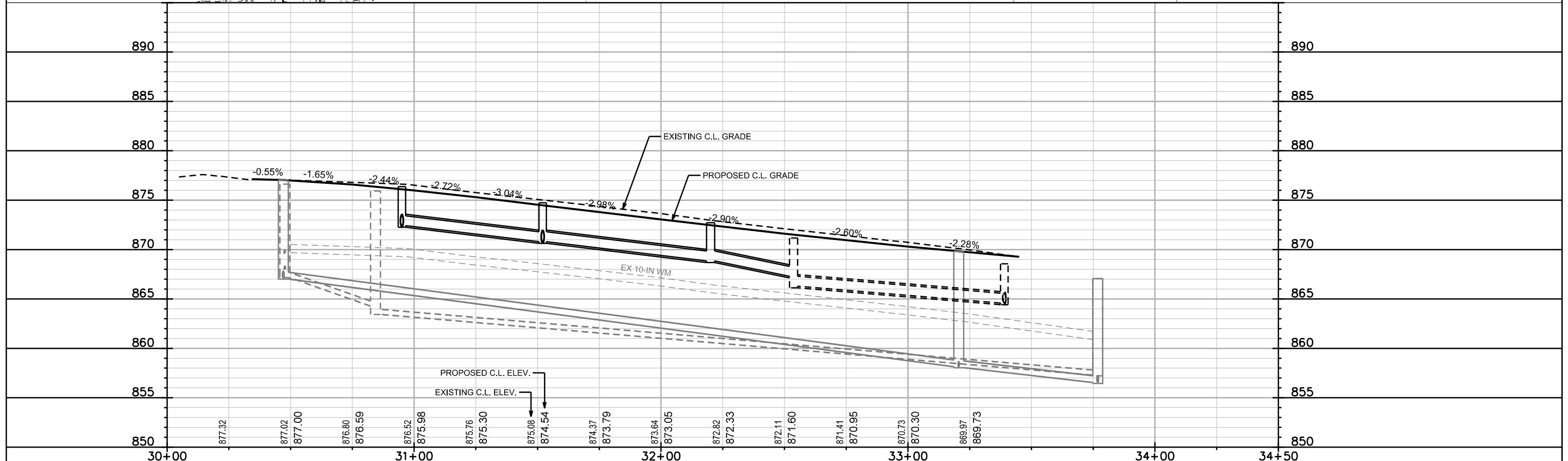
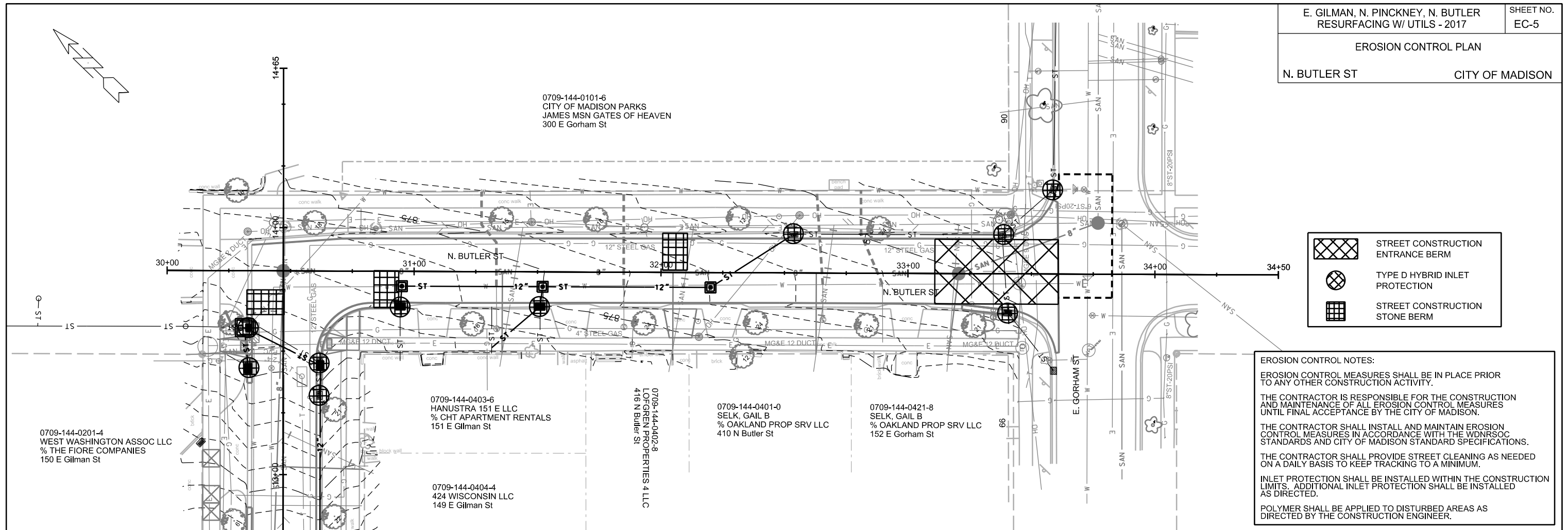
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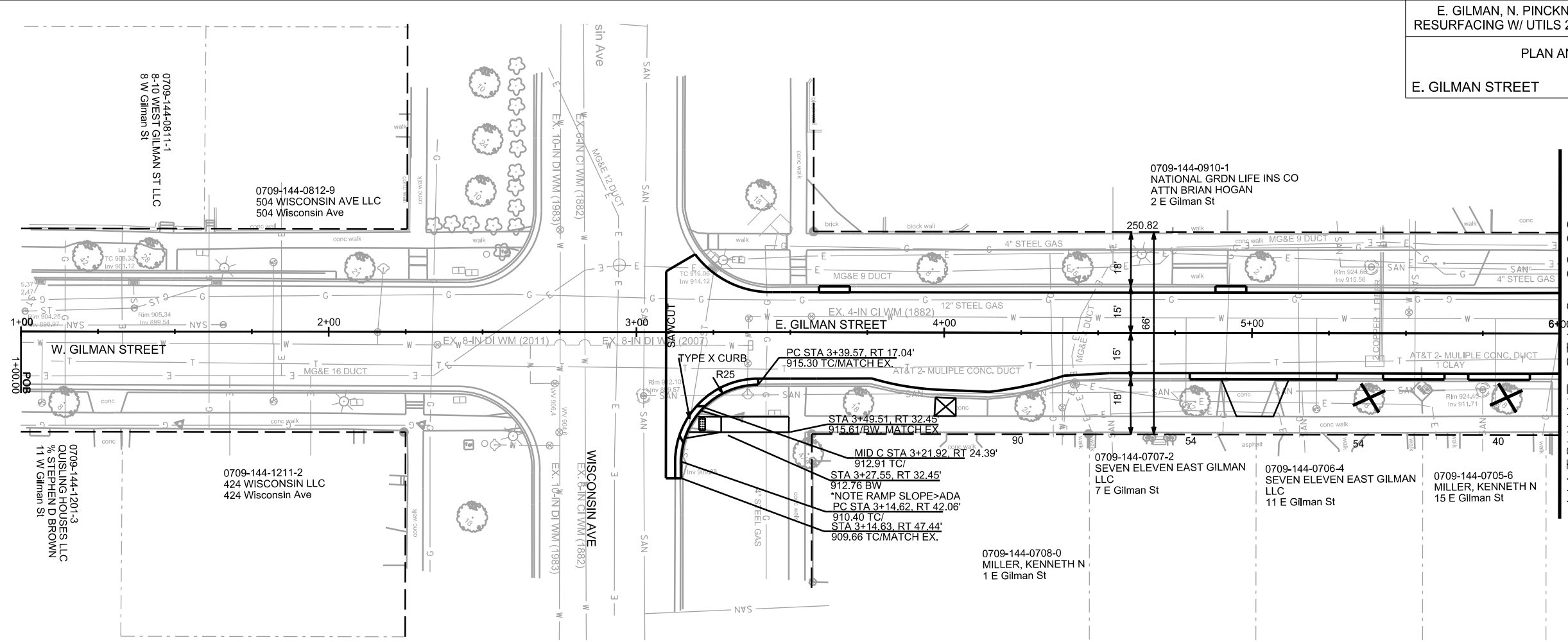
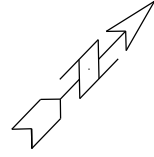
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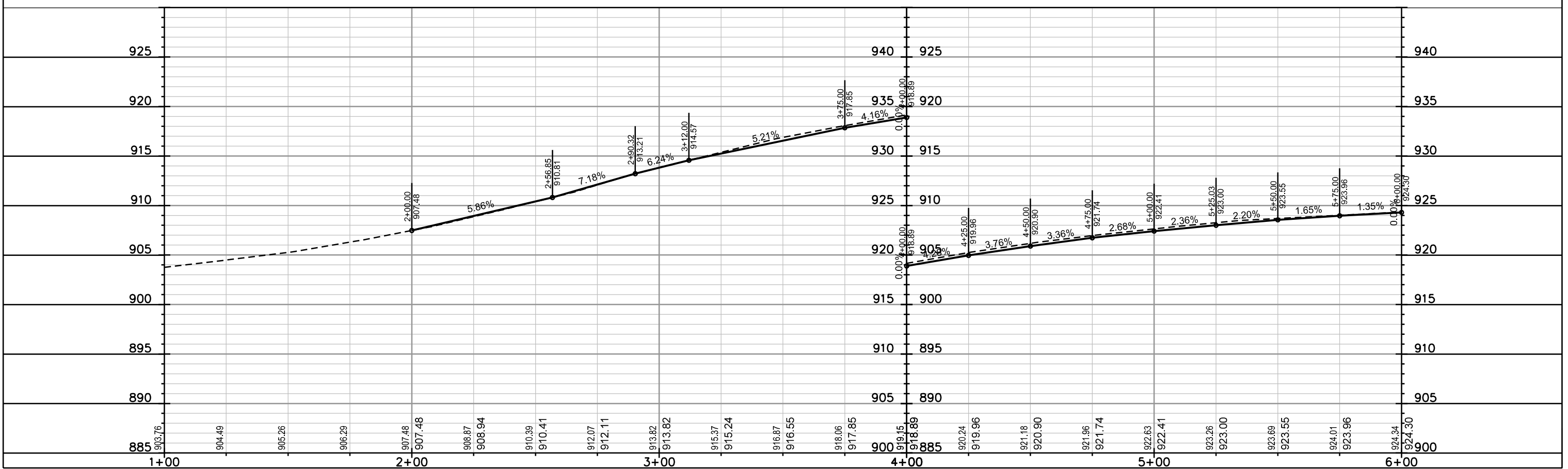
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

E. GILMAN STREET CITY OF MADISON



MATCHLINE STA 6+00.00

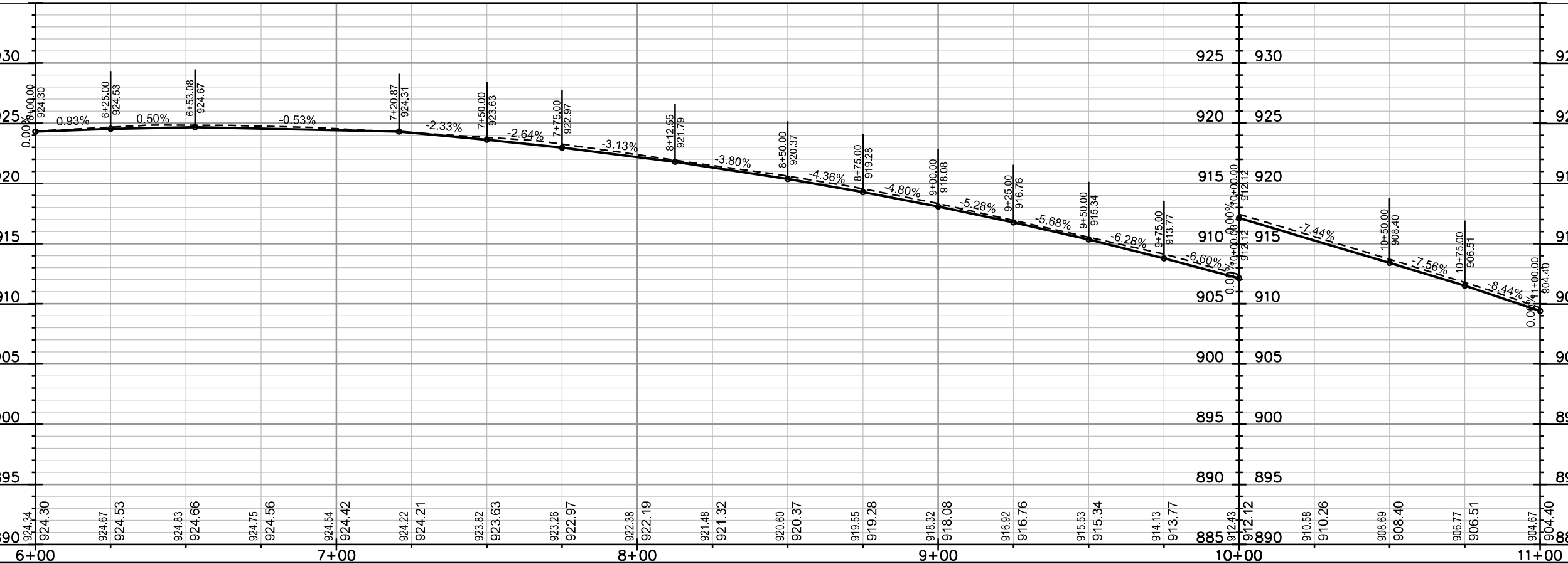
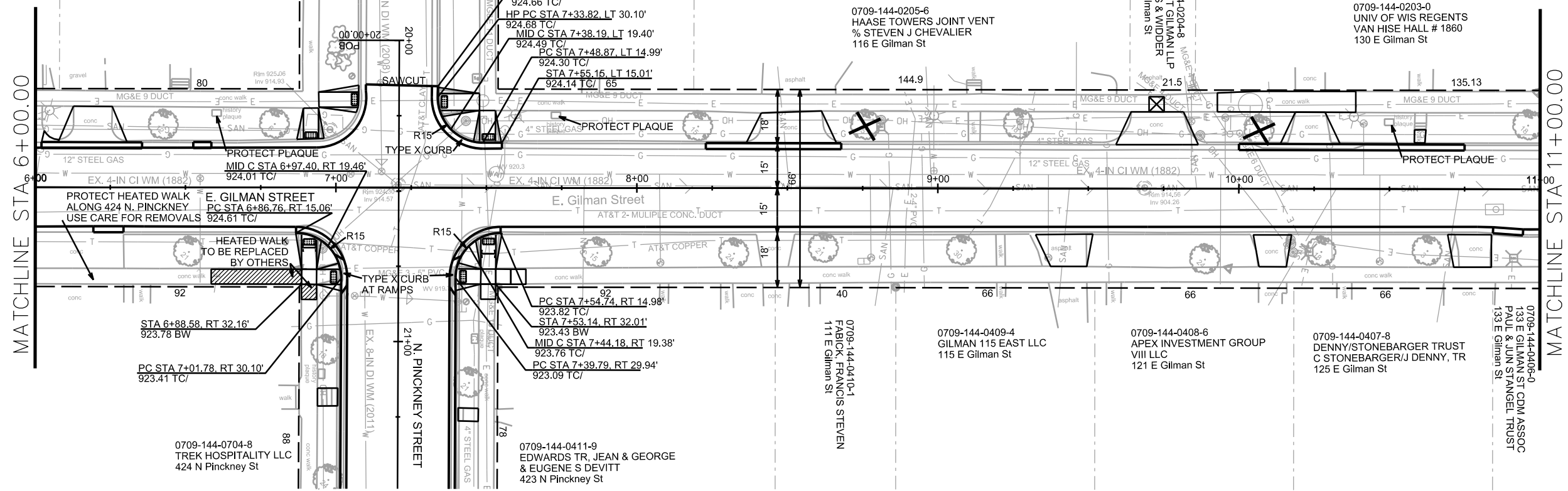
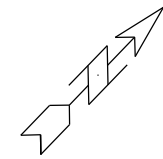


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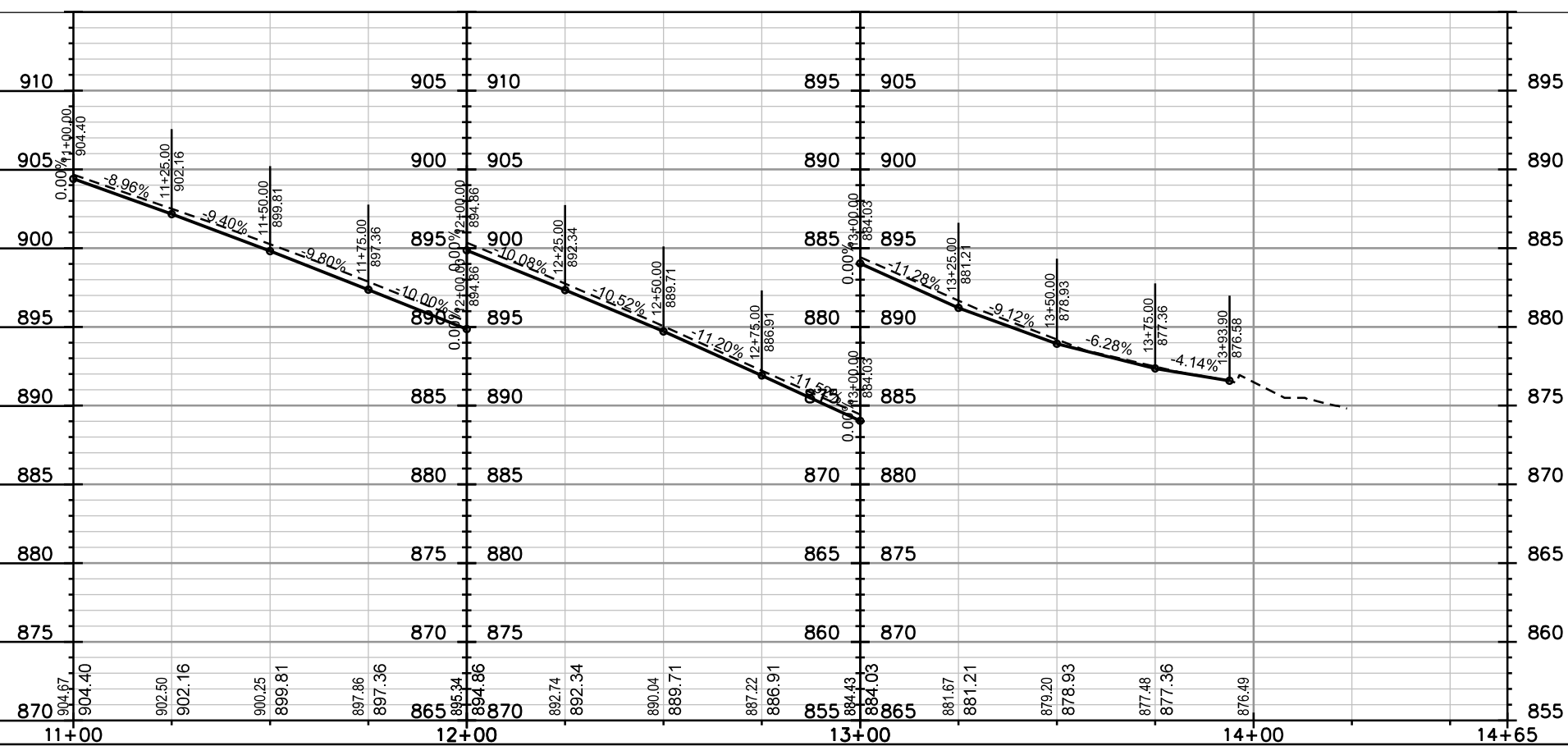
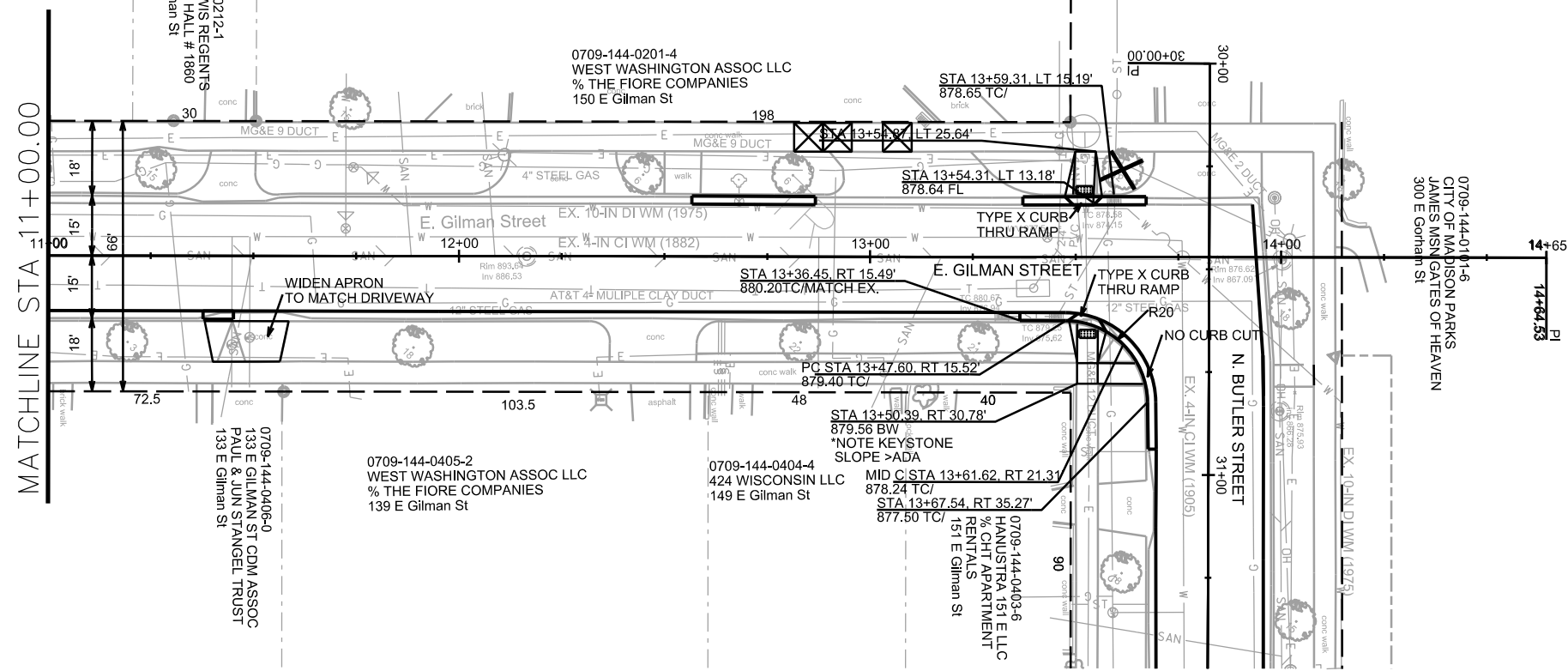
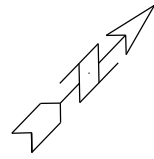
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PLAN AND PROFILE

E. GILMAN STREET CITY OF MADISON

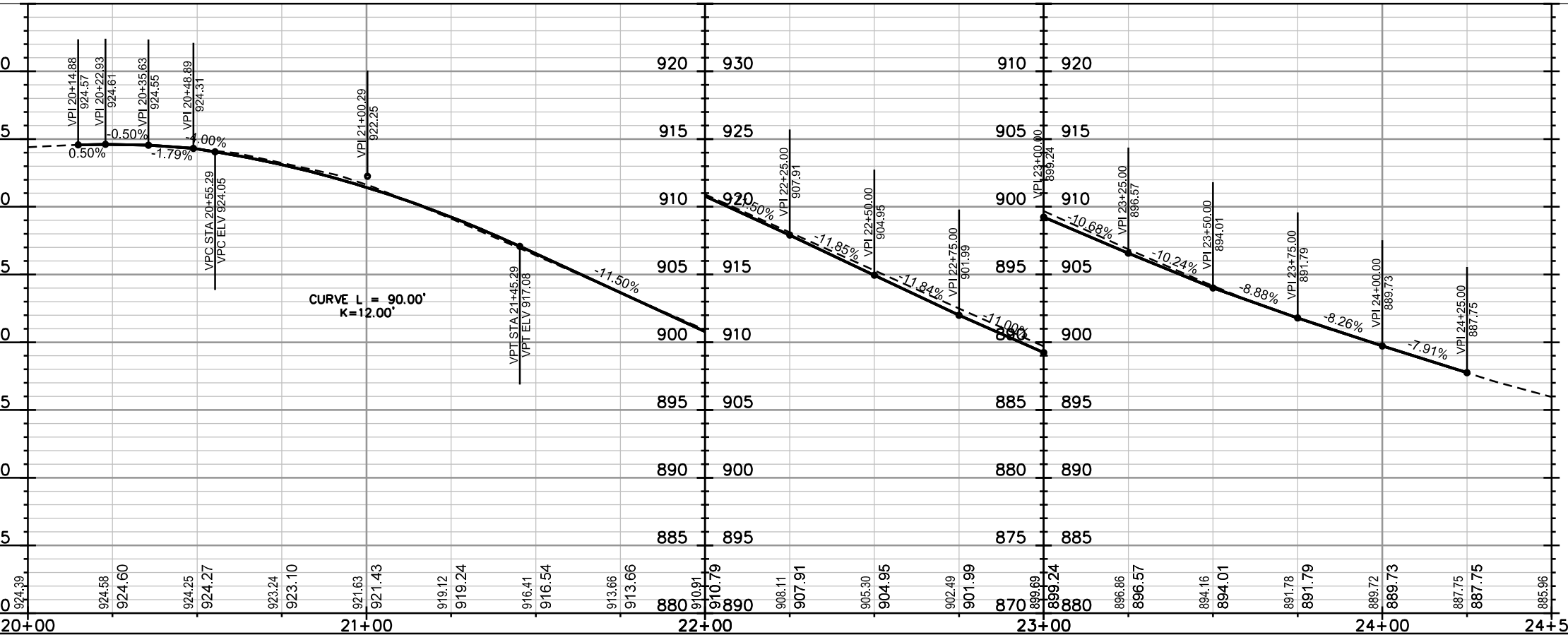
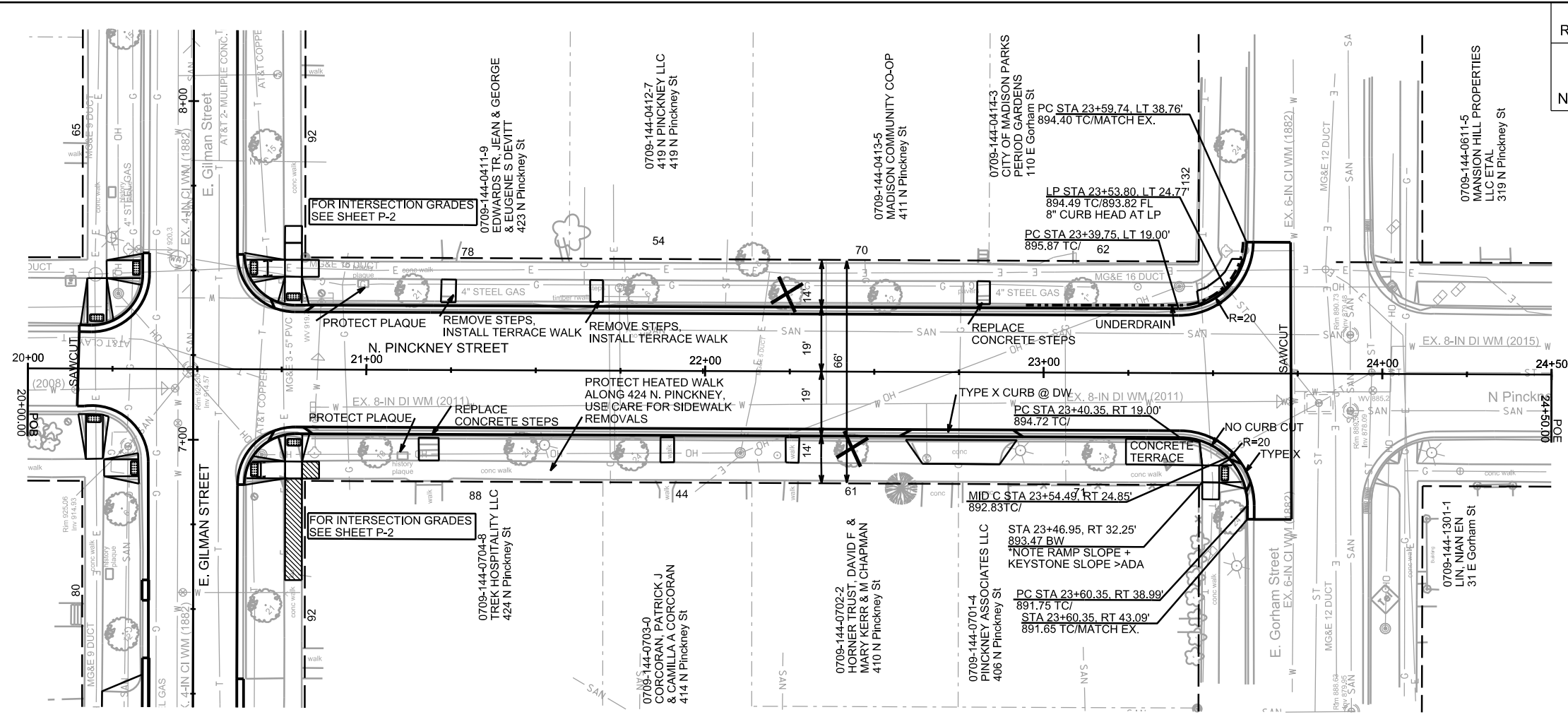
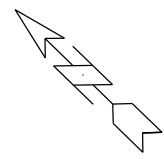


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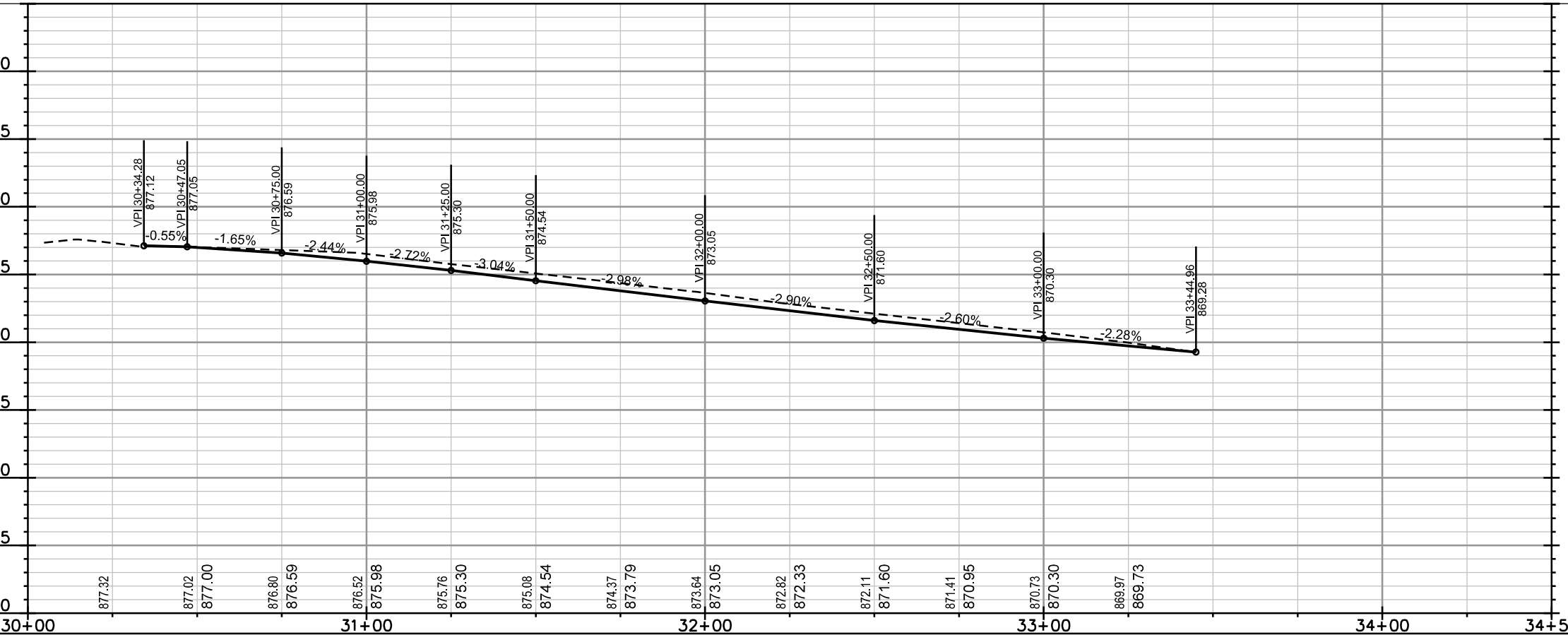
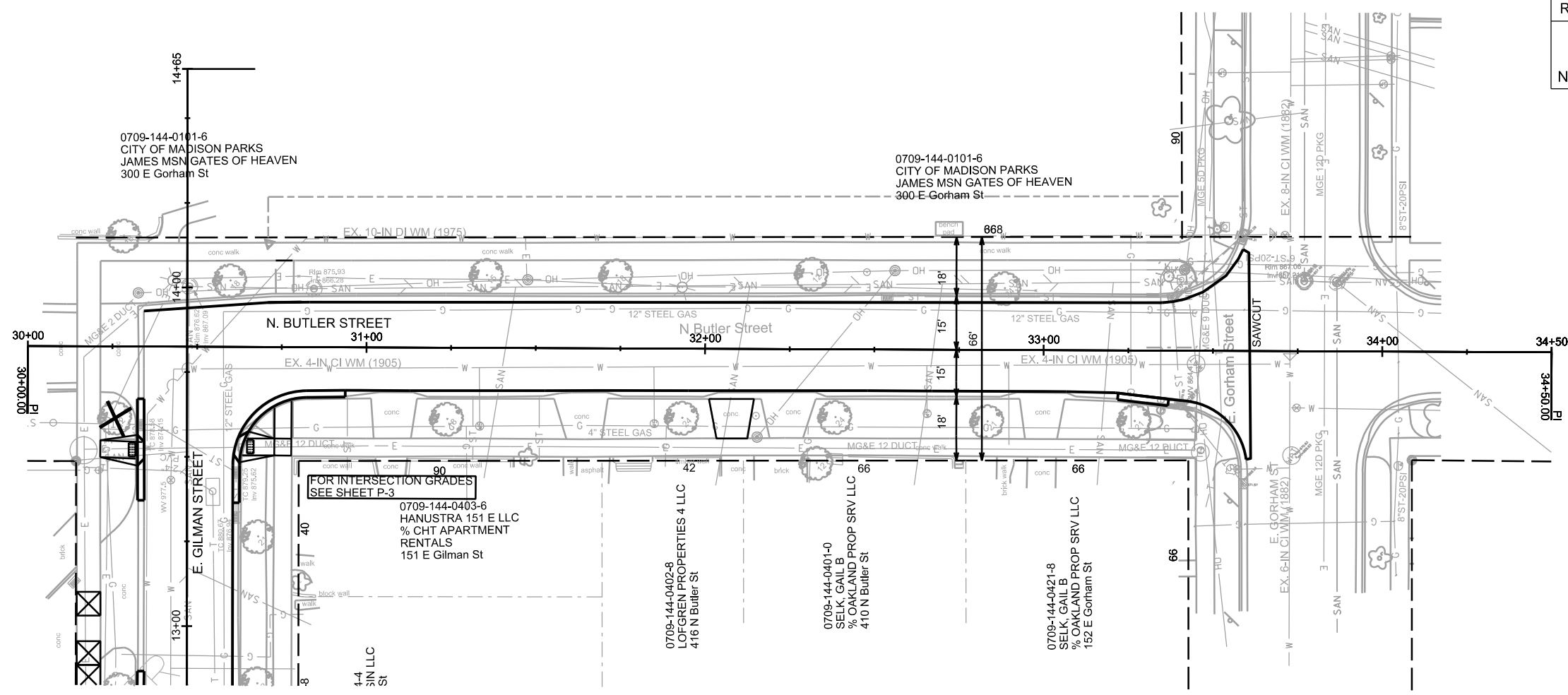
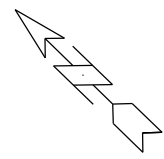
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PLAN AND PROFILE

N. BUTLER STREET CITY OF MADISON



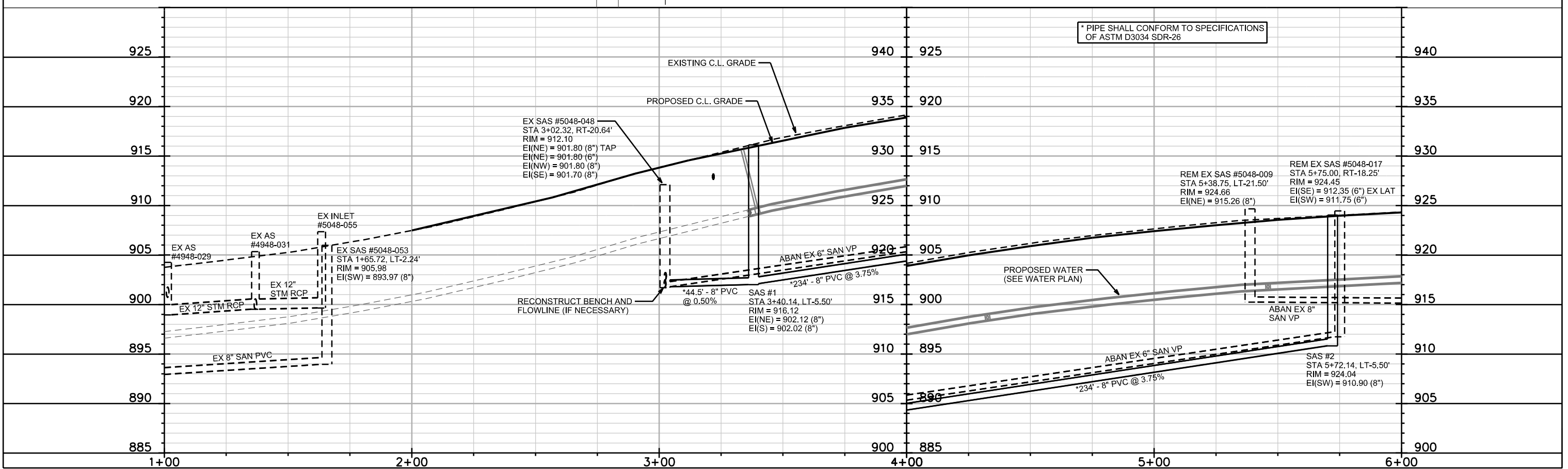
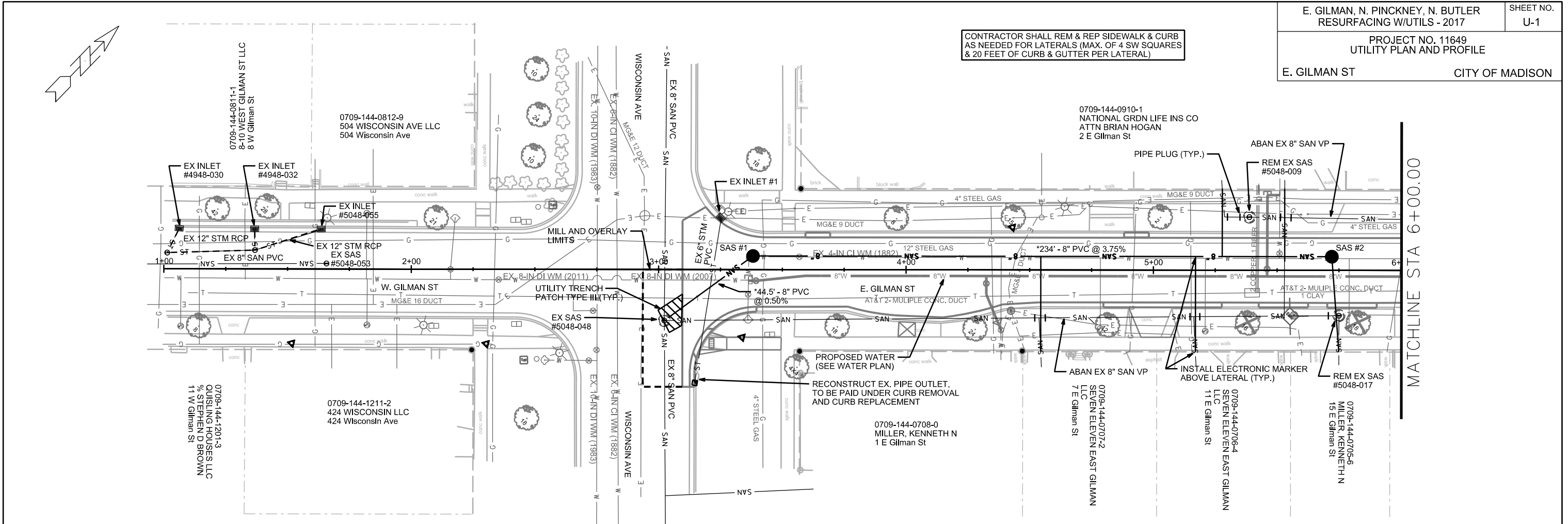
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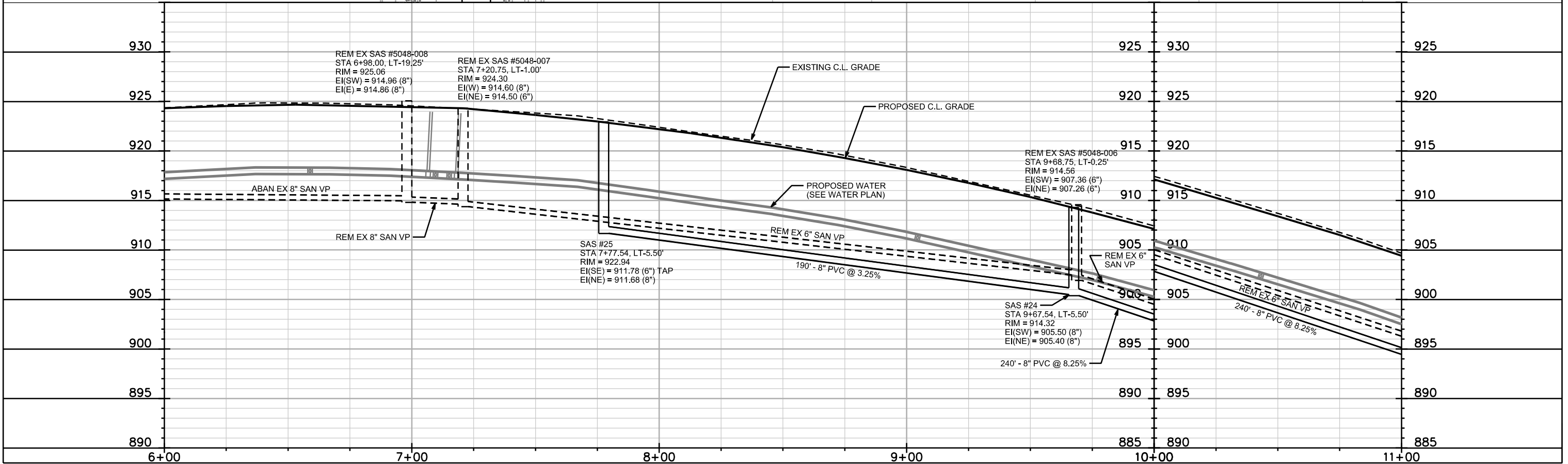
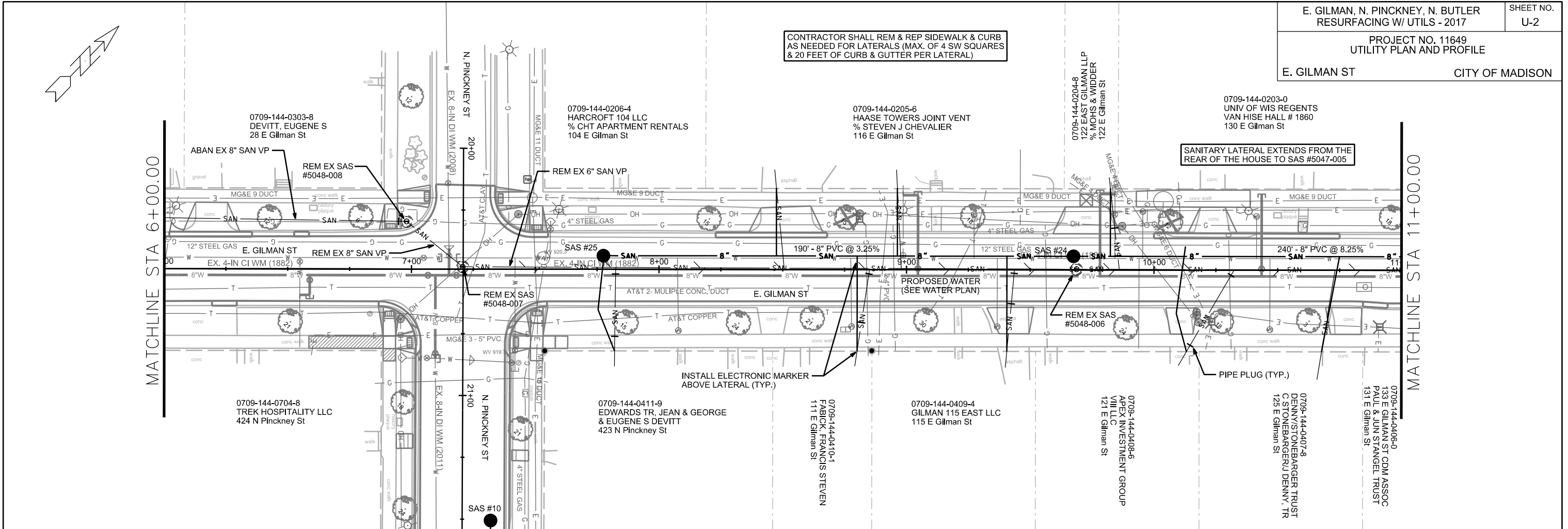
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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



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

SANITARY LATERAL EXTENDS FROM THE REAR OF THE HOUSE TO SAS #5047-005

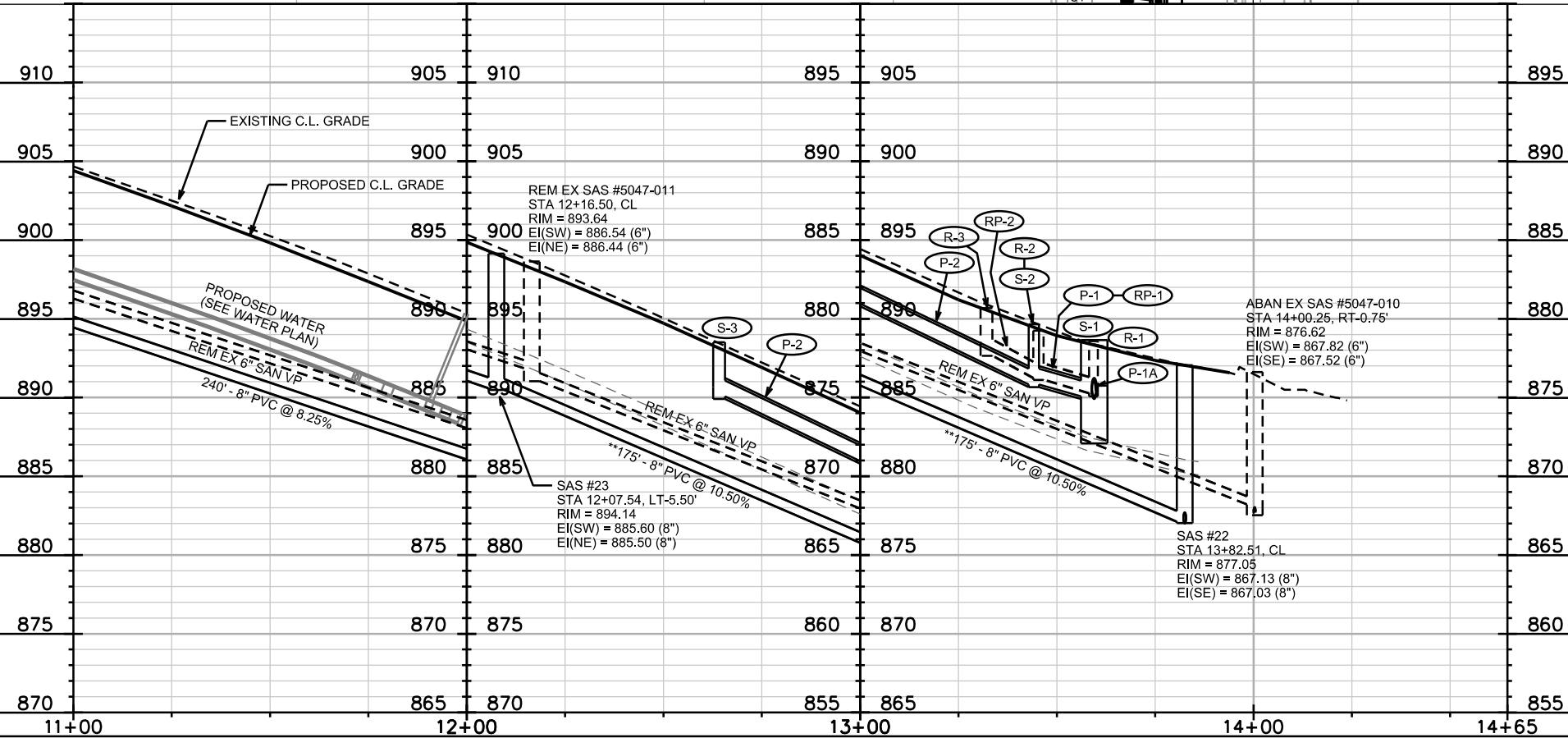
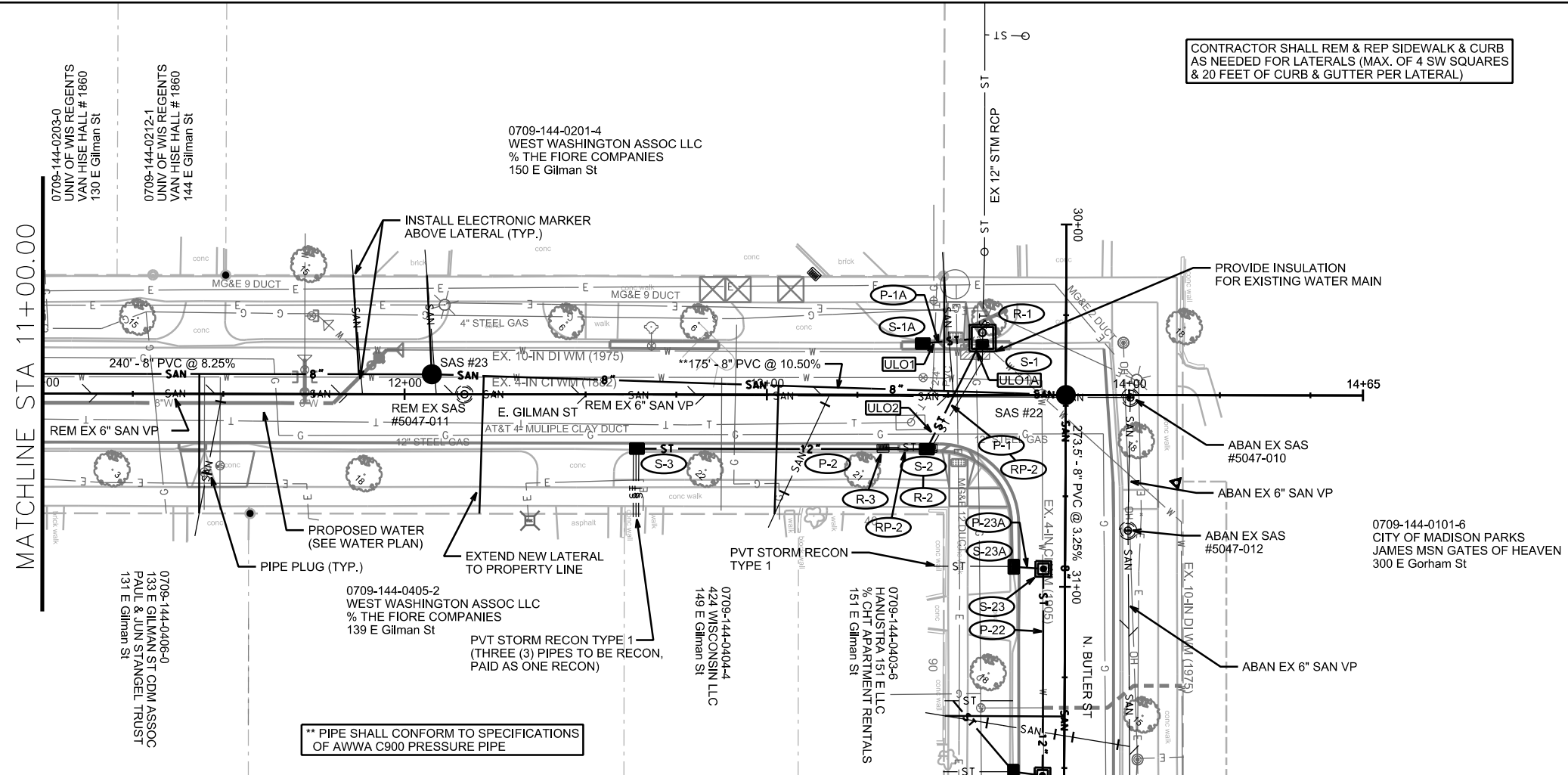


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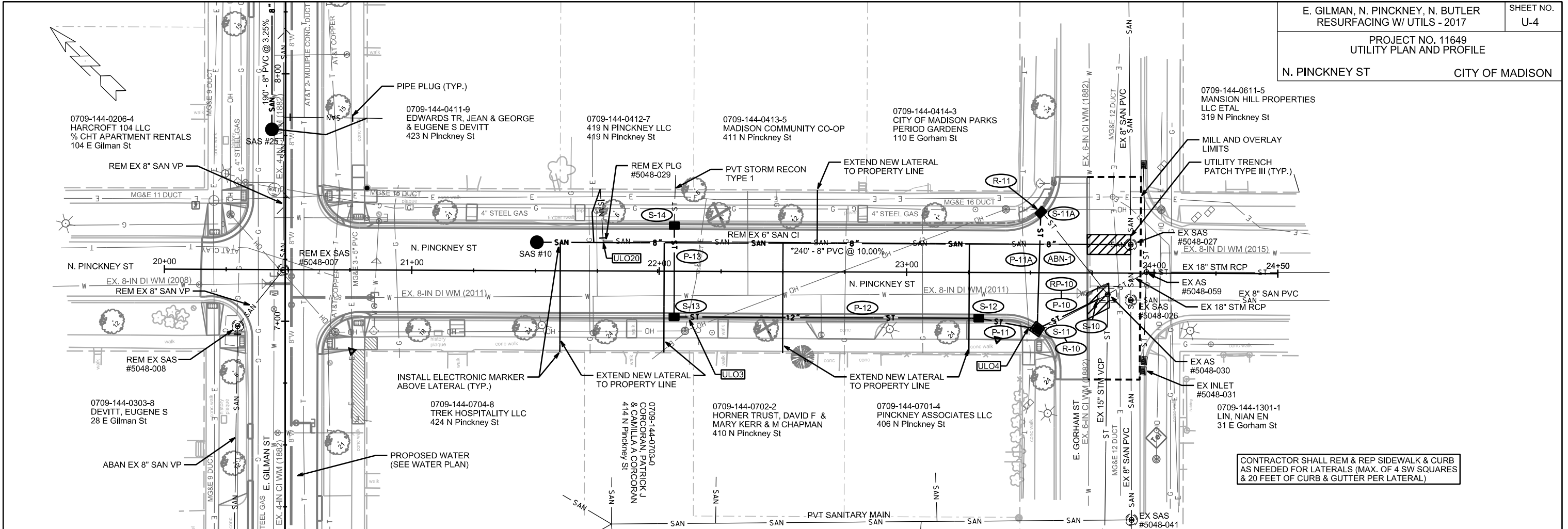
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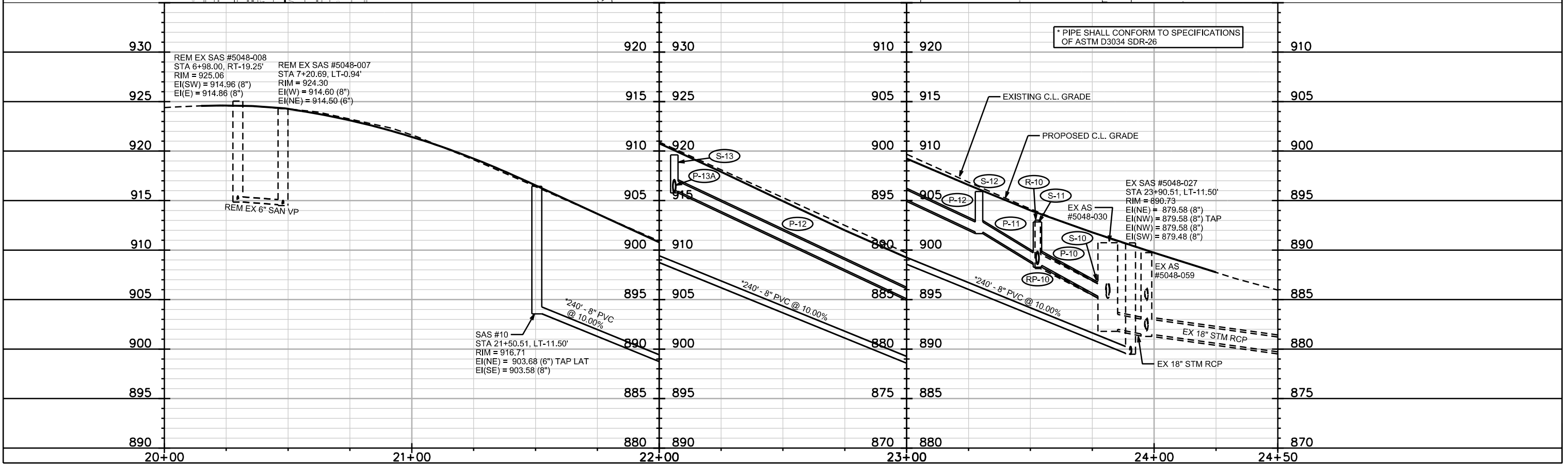
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* PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM D3034 SDR-26

EX SAS #5048-027
STA 23+90.51, LT-11.50'
RIM = 890.73
EI(NW) = 879.58 (8")
EI(NW) = 879.58 (8") TAP
EI(SW) = 879.48 (8")

SAS #10
STA 21+50.51, LT-11.50'
RIM = 916.71
EI(NE) = 903.68 (6") TAP LAT
EI(SE) = 903.58 (8")

REM EX SAS #5048-008
STA 6+98.00, RT-19.25'
RIM = 925.06
EI(SW) = 914.96 (8")
EI(E) = 914.86 (8")

REM EX SAS #5048-007
STA 7+20.69, LT-0.94'
RIM = 924.30
EI(W) = 914.60 (8")
EI(NE) = 914.50 (6")

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AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES
& 20 FEET OF CURB & GUTTER PER LATERAL)

0709-144-0101-6
CITY OF MADISON PARKS
JAMES MSN GATES OF HEAVEN
300 E Gorham St

MILL AND OVERLAY
LIMITS

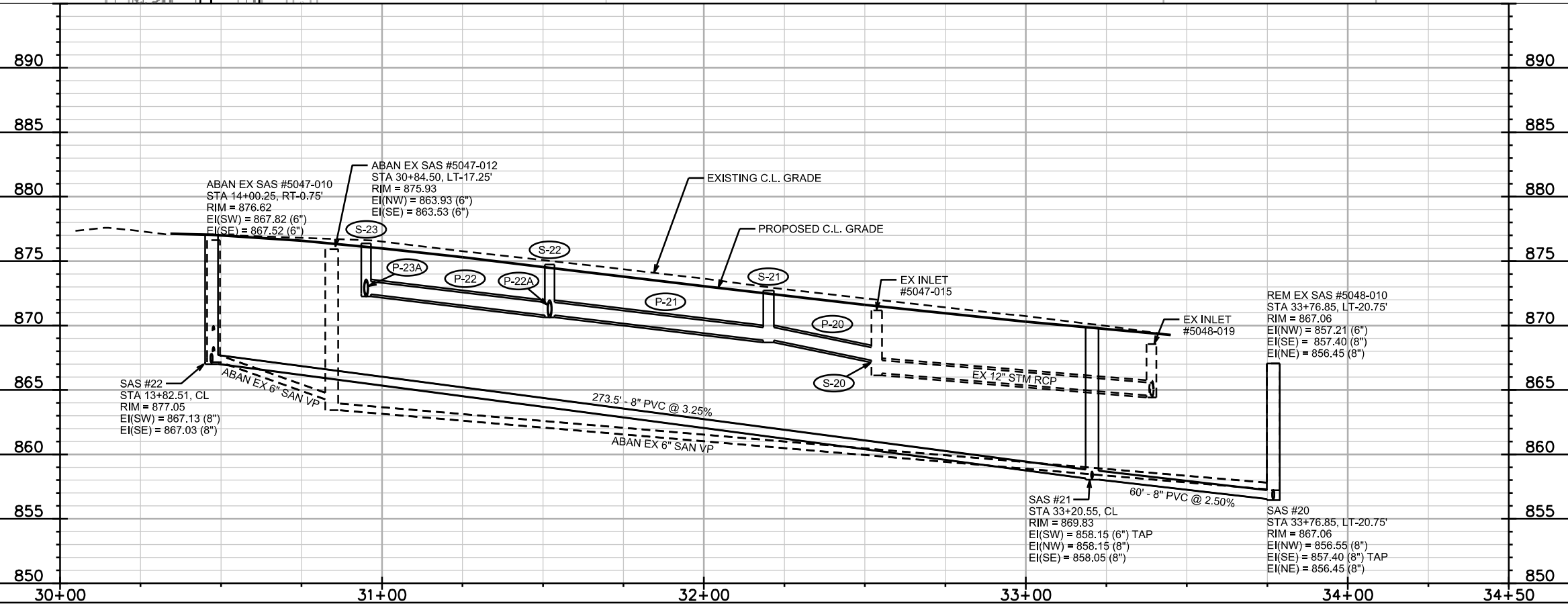
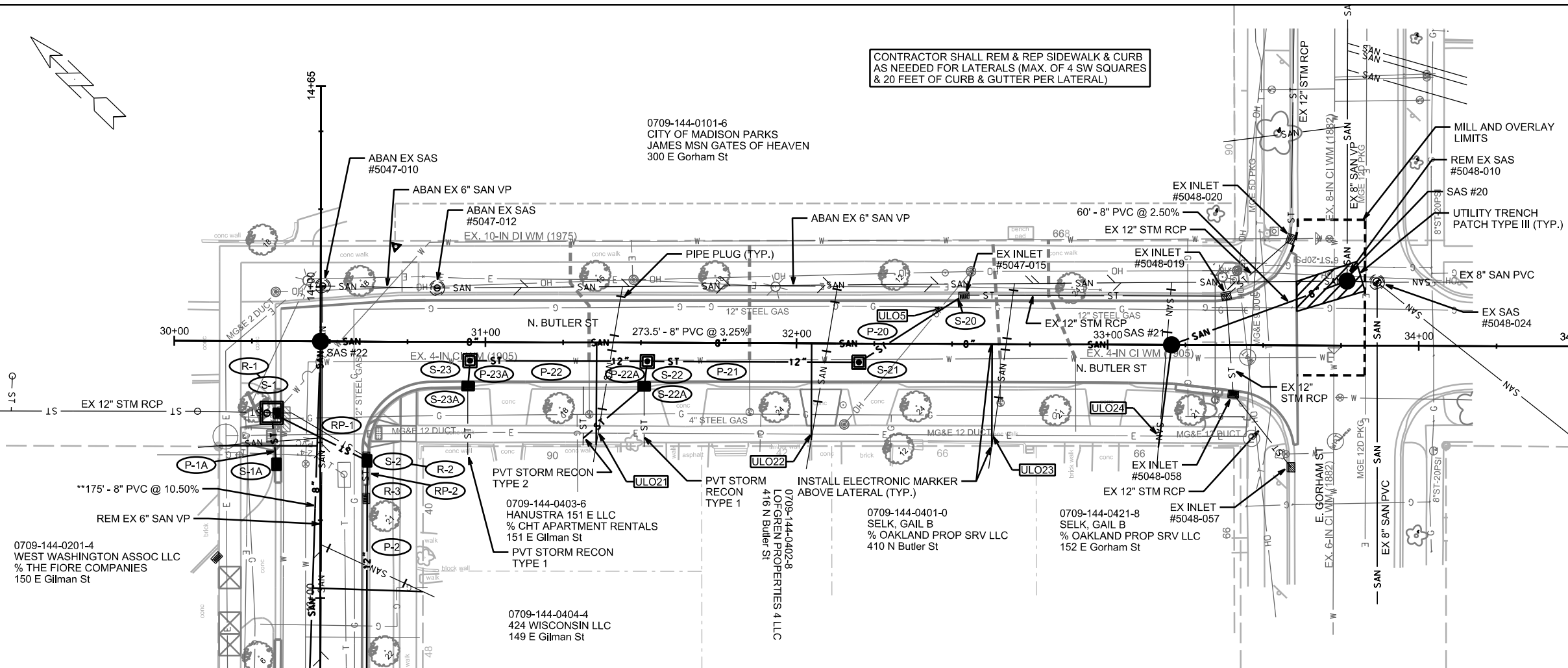
REM EX SAS
#5048-010

SAS #20

UTILITY TRENCH
PATCH TYPE III (TYP.)

EX 8" SAN PVC

EX SAS
#5048-024



ABAN EX SAS #5047-010
STA 14+00.25, RT-0.75'
RIM = 876.62
EI(SW) = 867.82 (6")
EI(SE) = 867.52 (6")

SAS #22
STA 13+82.51, CL
RIM = 877.05
EI(SW) = 867.13 (8")
EI(SE) = 867.03 (8")

ABAN EX SAS #5047-012
STA 30+84.50, LT-17.25'
RIM = 875.93
EI(NW) = 863.93 (6")
EI(SE) = 863.53 (6")

EXISTING C.L. GRADE

PROPOSED C.L. GRADE

EX INLET
#5047-015

EX INLET
#5048-019

REM EX SAS #5048-010
STA 33+76.85, LT-20.75'
RIM = 867.06
EI(NW) = 857.21 (6")
EI(SE) = 857.40 (8")
EI(NE) = 856.45 (8")

SAS #21
STA 33+20.55, CL
RIM = 869.83
EI(SW) = 858.15 (6") TAP
EI(NW) = 858.15 (8")
EI(SE) = 858.05 (8")

SAS #20
STA 33+76.85, LT-20.75'
RIM = 867.06
EI(NW) = 856.55 (8")
EI(SE) = 857.40 (8") TAP
EI(NE) = 856.45 (8")

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
EAST GILMAN STREET						
SAS #1	3+40.14	LT-5.50	916.12	902.02	14.10	
SAS #2	5+72.14	LT-5.50	924.04	910.90	13.14	
SAS #22	13+82.51	CL	877.05	867.03	10.02	
SAS #23	12+07.54	LT-5.50	894.14	885.50	8.64	
SAS #24	9+67.54	LT-5.50	914.32	905.40	8.92	
SAS #25	7+77.54	LT-5.50	922.94	911.68	11.26	
NORTH PINCKNEY STREET						
SAS #10	21+50.51	LT-11.50	916.71	903.58	13.13	
NORTH BUTLER STREET						
SAS #20	33+76.85	LT-20.75	867.06	856.45	10.61	
SAS #21	33+20.55	CL	869.83	858.05	11.78	

SANITARY STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
EAST GILMAN STREET						
SAS 5048-009	5+38.75	LT-21.50	924.66	915.26	9.40	-
SAS 5048-017	5+75.00	RT-18.25	924.45	911.75	12.70	-
SAS 5048-008	6+98.00	LT-19.25	925.06	914.86	10.20	-
SAS 5048-007	7+20.75	LT-1.00	924.30	914.50	9.80	-
SAS 5048-006	9+68.75	LT-0.25	914.56	907.26	7.30	-
SAS 5047-011	12+16.50	CL	893.64	886.44	7.20	-
NORTH BUTLER STREET						
SAS 5048-010	33+76.85	LT-20.75	867.06	857.21	9.85	-

SANITARY STRUCTURE ABANDONMENTS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
EAST GILMAN STREET						
SAS 5047-010	14+00.25	RT-0.75	876.62	867.52	9.10	-
NORTH BUTLER STREET						
SAS 5047-012	30+84.50	LT-17.25	875.93	863.53	12.40	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
EAST GILMAN STREET								
EX SAS 5048-048	SAS #1	901.80	902.02	44.5	0.50%	8"	SDR-26	-
SAS #1	SAS #2	902.12	910.90	234	3.75%	8"	SDR-26	-
SAS #22	SAS #23	867.13	885.50	175	10.50%	8"	C900	-
SAS #23	SAS #24	885.60	905.40	240	8.25%	8"	SDR-35	-
SAS #24	SAS #25	905.50	911.68	190	3.25%	8"	SDR-35	-
NORTH PINCKNEY STREET								
EX SAS 5048-027	SAS #10	879.58	903.58	240	10.00%	8"	SDR-26	-
NORTH BUTLER STREET								
SAS #20	SAS #21	856.55	858.05	60	2.50%	8"	SDR-35	-
SAS #21	SAS #22	858.15	867.03	273.5	3.25%	8"	SDR-35	-

SANITARY PIPE REMOVALS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE TYPE	PIPE SIZE	PAID (Y/N)	NOTES
EAST GILMAN STREET						
SAS 5048-007	SAS 5048-008	29	VP	8"	Y	-
SAS 5048-006	SAS 5048-007	248	VP	6"	Y	-
SAS 5047-011	SAS 5048-006	248	VP	6"	Y	-
SAS 5047-010	SAS 5047-011	184	VP	6"	N	15' OF REMOVAL PAID FOR
NORTH PINCKNEY STREET						
SAS 5048-027	PLG 5048-029	211	CI	6"	N	-

SANITARY PIPE ABANDONMENTS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE TYPE	PIPE SIZE	PAID (Y/N)	NOTES
EAST GILMAN STREET						
SAS 5048-048	SAS 5048-017	269	VP	6"	N	[1]
SAS 5048-008	SAS 5048-009	154	VP	8"	N	[1]
NORTH BUTLER STREET						
SAS #5047-012	SAS #5047-010	33	VP	6"	N	[1]
SAS #5048-010	SAS #5047-012	288	VP	6"	N	[1]

SPECIFIC NOTES

[1] PIPE PLUGS SHALL BE CONSIDERED INCIDENTAL TO ABANDONMENT

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
EAST GILMAN STREET							
S-1	13+59.50	LT-15.70	6X6 CATCH BASIN	878.65	875.08	3.57	[1], [2], [3], FP
S-1A	13+43.00	LT-14.15	H INLET	880.20	876.43	3.77	W/R-3067-7004-V
S-2	13+44.16	RT-15.00	H INLET	879.65	875.83	3.82	W/R-3067-7004-V
S-3	12+64.15	RT-15.00	H INLET	888.50	885.07	3.43	W/R-3067-7004-V
NORTH PINCKNEY STREET							
S-10	23+81.28	RT-8.70	TAP	-	885.33	-	-
S-11	23+52.85	RT-22.75	3X3 SAS	892.85	888.46	4.39	FP, W/R-3067-7004-V
S-11A	23+54.13	LT-24.40	H INLET	894.49	890.90	3.59	[4], LP, W/R-3067-7004-VB
S-12	23+29.23	RT-18.50	H INLET	895.92	891.83	4.09	W/R-3067-7004-V
S-13	22+06.07	RT-18.50	H INLET	909.62	905.95	3.67	W/R-3067-7004-V
S-14	22+06.05	LT-18.50	H INLET	911.32	907.70	3.62	W/R-3067-7004-V
NORTH BUTLER STREET							
S-20	32+53.70	LT-15.70	TAP	-	867.30	-	-
S-21	32+20.08	RT-6.00	3X3 SAS	872.72	868.85	3.87	W/R-1550-0054
S-22	31+52.08	RT-6.00	3X3 SAS	874.73	870.80	3.93	W/R-1550-0054
S-22A	31+51.11	RT-14.04	H INLET	875.46	870.87	4.59	W/R-3067-7004-V
S-23	30+95.08	RT-6.00	3X3 SAS	876.37	872.42	3.95	W/R-1550-0054
S-23A	30+94.51	RT-14.19	H INLET	877.14	872.52	4.62	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
EAST GILMAN STREET										
P-1	S-1	S-2	875.08	875.83	34.5	30	2.50%	12"	TYPE I	-
P-1A	S-1	S-1A	875.08	876.43	16.5	12	11.25%	12"	TYPE II	-
P-2	S-2	S-3	875.83	885.07	80	77	12.00%	12"	TYPE II	-
NORTH PINCKNEY STREET										
P-10	S-10	S-11	885.33	888.46	32	26.1	12.00%	15"	TYPE II	-
P-11	S-11	S-12	888.71	891.83	24	20.8	15.00%	12"	TYPE II	-
P-11A	S-11	S-11A	888.71	890.90	47.5	43.9	5.00%	12"	TYPE I	-
P-12	S-12	S-13	891.83	905.95	123.5	120.2	11.75%	12"	TYPE II	-
P-13	S-13	S-14	905.95	907.70	37	35	5.00%	12"	TYPE I	-
NORTH BUTLER STREET										
P-20	S-20	S-21	867.30	868.85	40	36.4	4.25%	12"	TYPE I	-
P-21	S-21	S-22	868.85	870.80	68	65	3.00%	12"	TYPE I	-
P-22	S-22	S-23	870.80	872.42	57	54	3.00%	12"	TYPE I	-
P-22A	S-22	S-22A	870.80	870.87	8	5.6	1.25%	12"	TYPE I	-
P-23A	S-23	S-23A	872.42	872.52	8	5.7	1.75%	12"	TYPE I	-

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

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 FRANK 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.

SPECIFIC NOTES

[1] STRUCTURE SHALL HAVE ONE (1) R-1550-0054 & ONE (1) R-3067-7004-V.

[2] CONSTRUCT 3' SUMP BELOW LISTED INVERT AND IN ACCORDANCE WITH S.D.D. 5.7.4

[3] INSTALL STORM WATER "SNOUT" OVER OUTGOING PIPE. "SNOUT" SHALL BE SUPPLIED BY BEST MANAGEMENT PRODUCTS INC, OR AN ENGINEER APPROVED EQUAL. COST OF "SNOUT" SHALL BE INCLUDED IN PRICE OF STRUCTURE

[4] CURB HEAD AT LOWPOINT IS 8" ABOVE FLOWLINE

STORM SEWER SCHEDULE

E. GILMAN, N. PINCKNEY, N. BUTLER RESURFACING W/UTILS - 2017	SHEET NO. U-8
PROJECT NO. 11649 STORM SEWER SCHEDULE CITY OF MADISON	

REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
EAST GILMAN STREET					
R-1	IN 5047-010	13+59.35	LT-14.15	INLET	-
R-2	IN 5047-013	13+45.35	RT-14.75	INLET	-
R-3	IN 5047-014	13+32.10	RT-14.85	INLET	-
NORTH PINCKNEY STREET					
R-10	IN 5048-027	23+53.00	RT-24.15	INLET	-
R-11	IN 5048-028	23+53.75	LT-24.70	INLET	-

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
EAST GILMAN STREET							
RP-1	R-1	R-2	30	12"	RCP	N	-
RP-2	R-2	R-3	9	12"	RCP	N	-
NORTH PINCKNEY STREET							
RP-10	S-10	S-11	27	12"	VP	N	-

STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
EAST GILMAN STREET					
ULO1	13+46.24	LT-14.45	TELE	-	-
ULO1A	13+57.80	LT-11.75	GAS & WATER	-	[1]
ULO2	13+46.25	RT-10.85	GAS	-	-
NORTH PINCKNEY STREET					
ULO3	22+11.70	RT-18.50	MGE 5 DUCT PKG	-	-
ULO4	23+49.40	RT-22.15	TELE	-	-
ULO20	21+77.30	LT-12.10	6" SAN	-	ULO TOP SAN MAIN AT STANDPIPE
NORTH BUTLER STREET					
ULO5	32+47.75	LT-11.85	GAS	-	-
ULO21	31+35.75	RT-29.10	ELEC & SAN LAT	-	[1]
ULO22	32+05.20	RT-29.15	ELEC & SAN LAT	-	[1]
ULO23	32+63.40	RT-29.25	ELEC & SAN LAT	-	[1]
ULO24	33+16.90	RT-29.30	ELEC & SAN LAT	-	[1]

*5 ADDITIONAL UNDISTRIBUTED ULO'S

ABANDON STORM PIPES

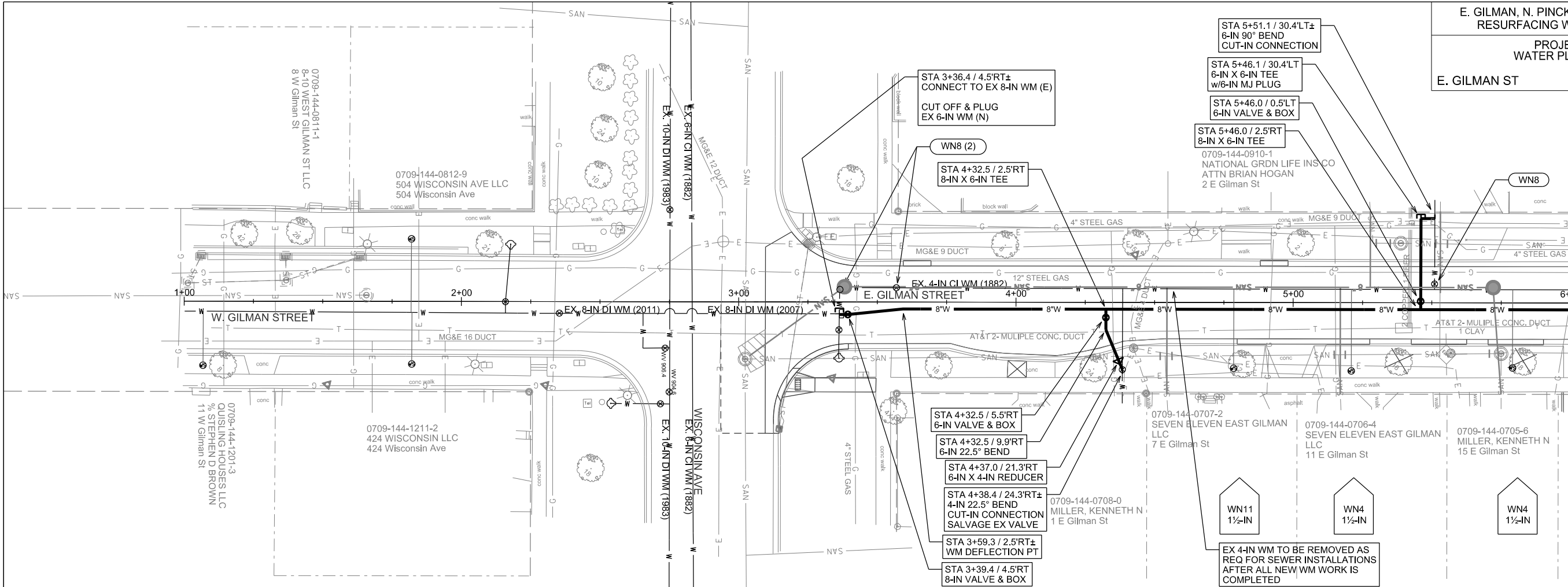
ABAN NO.	ABAN FROM	ABAN TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
NORTH PINCKNEY STREET						
ABN-1	AS 5048-030	R-11	37.0	12"	VP	ABAN W/ SLURRY

SPECIFIC NOTES

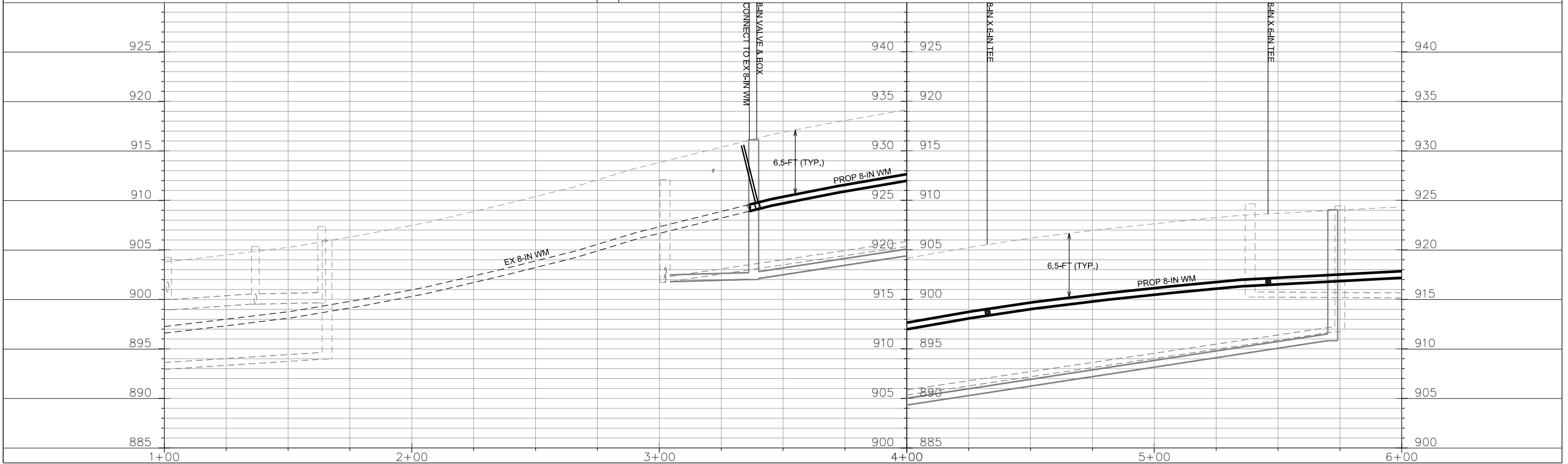
[1] MULTIPLE UTILITIES AT ULO LOCATION, ALL MUST BE IDENTIFIED

STANDARD NOTES:

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MATCHLINE STA 6+00.00

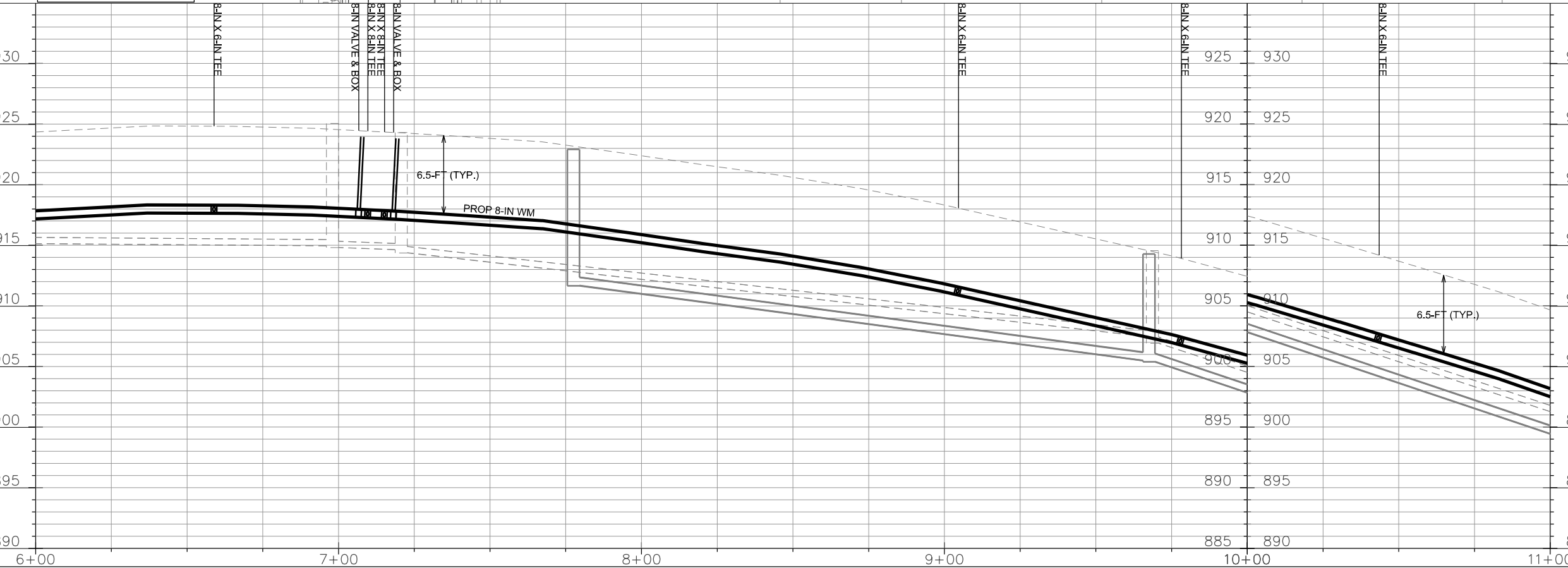
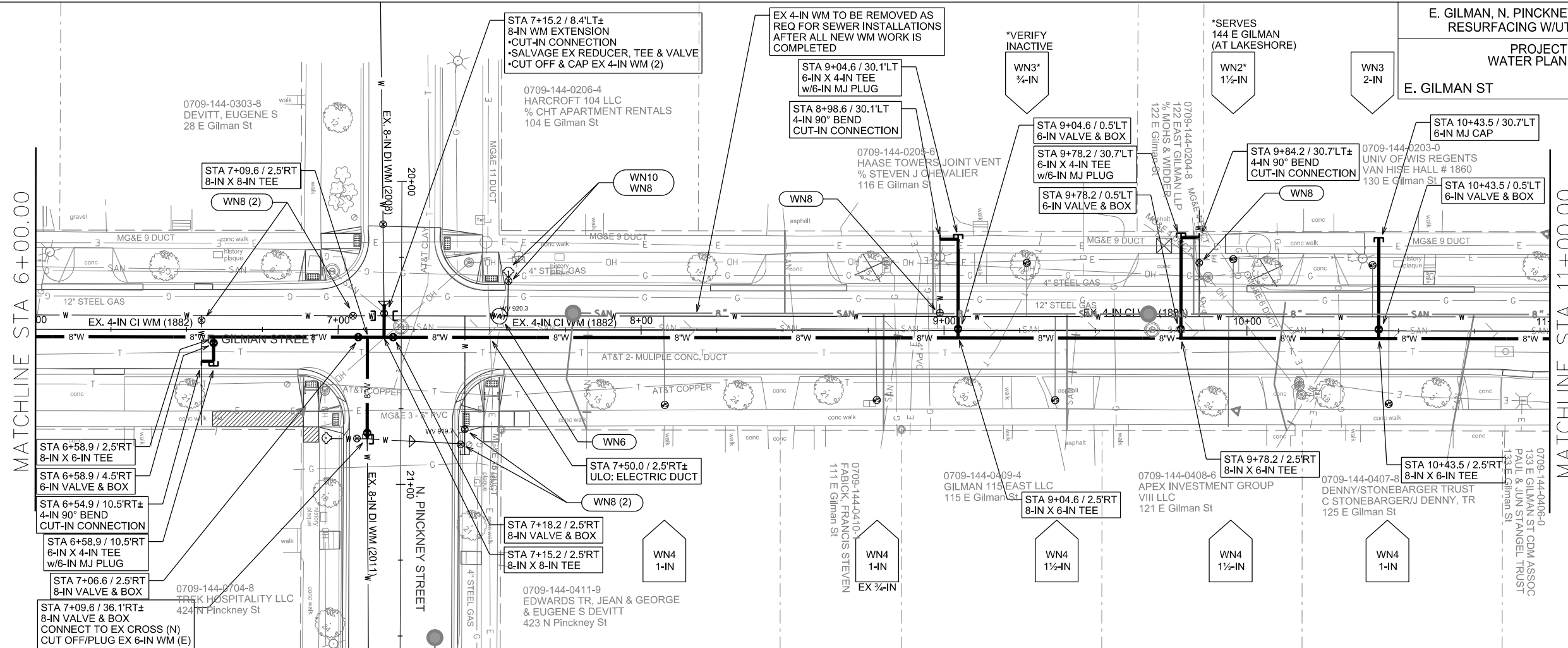
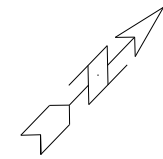


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

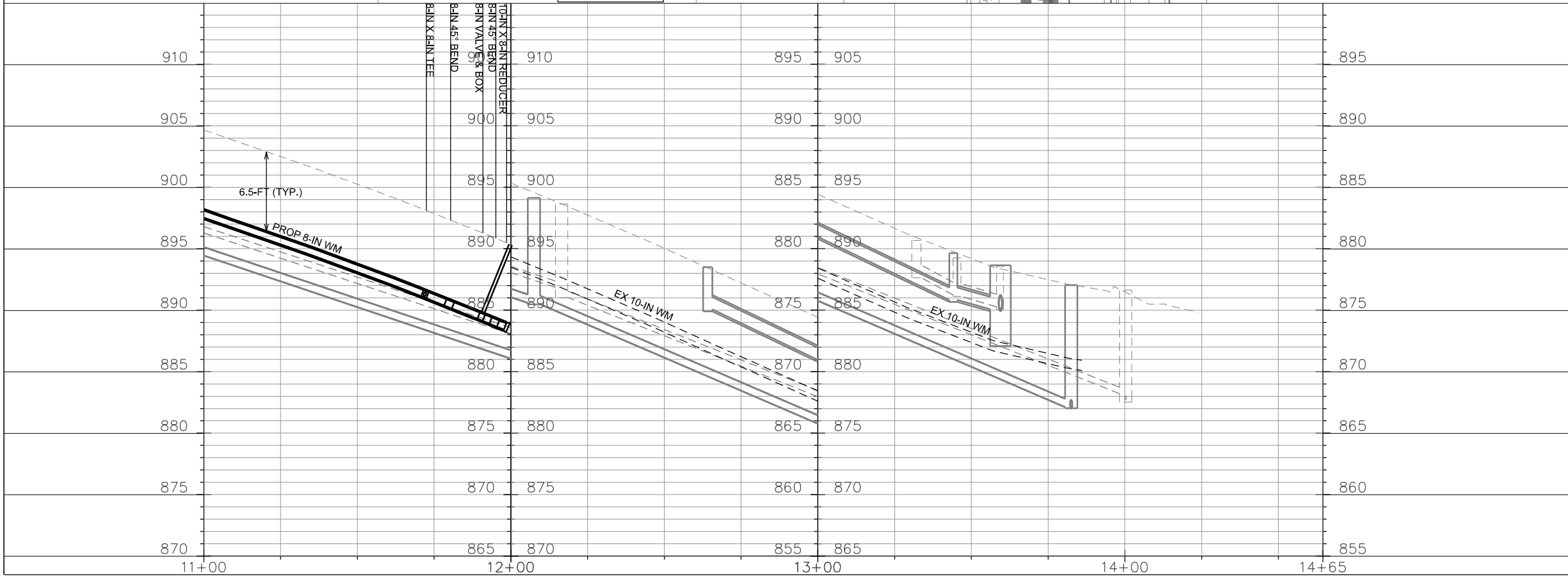
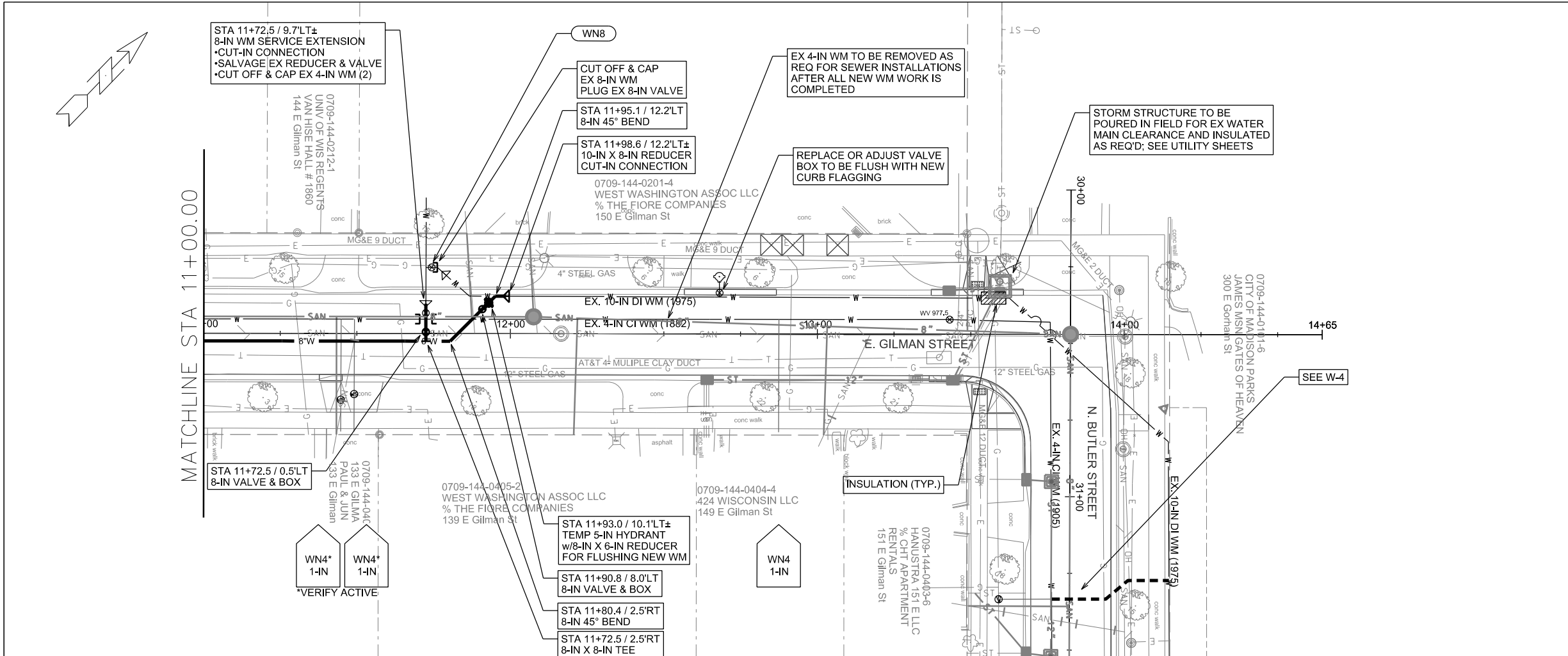


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

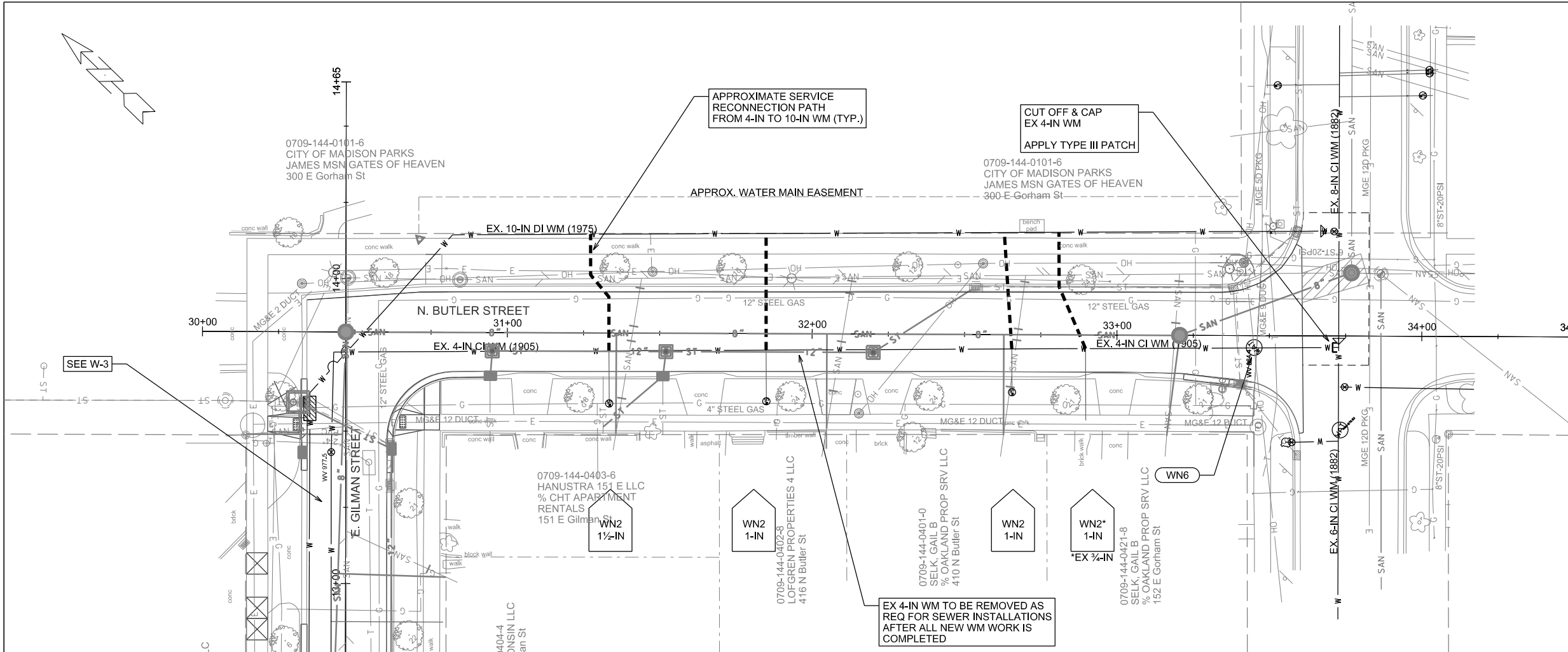


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

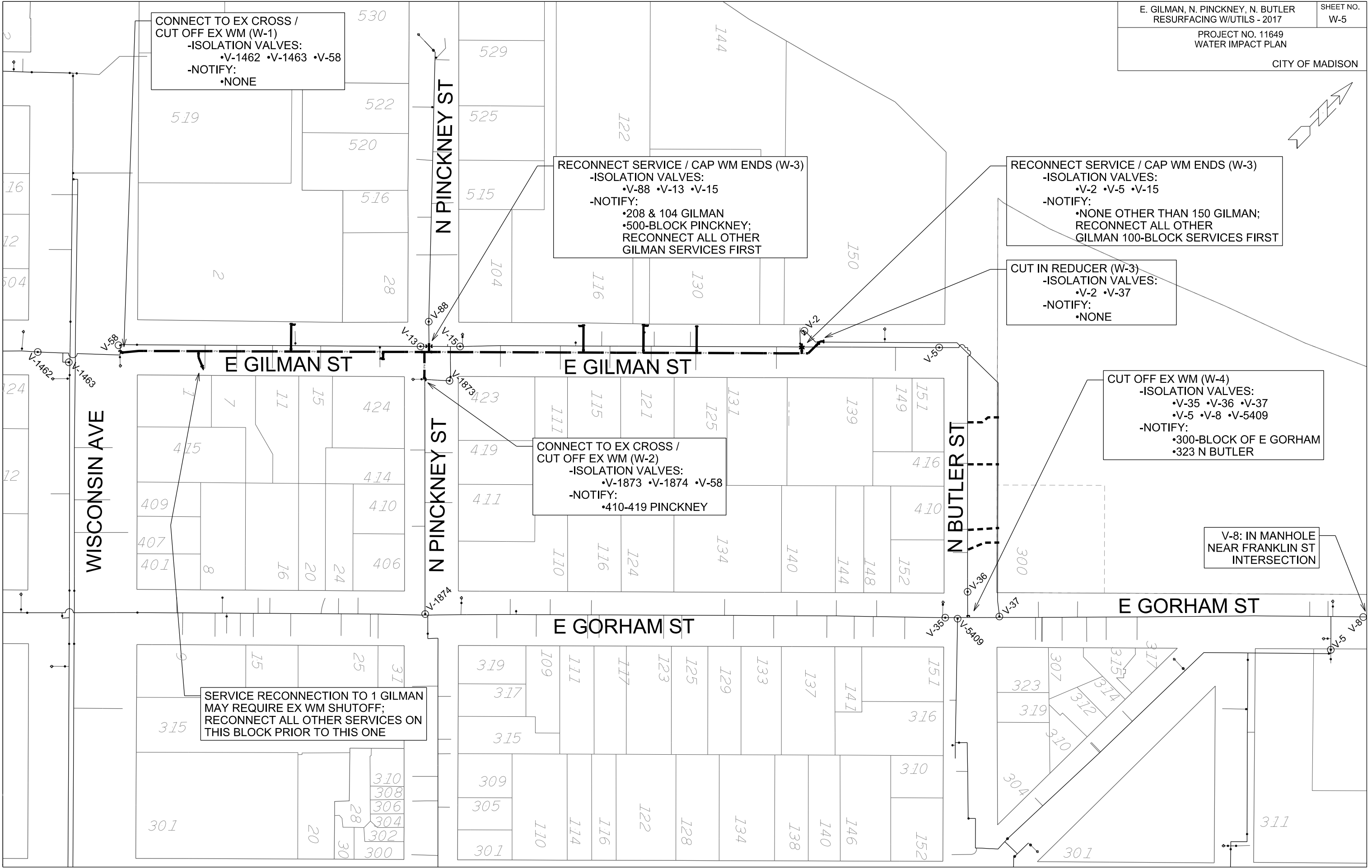
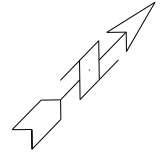


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CONNECT TO EX CROSS /
CUT OFF EX WM (W-1)
-ISOLATION VALVES:
•V-1462 •V-1463 •V-58
-NOTIFY:
•NONE

RECONNECT SERVICE / CAP WM ENDS (W-3)
-ISOLATION VALVES:
•V-88 •V-13 •V-15
-NOTIFY:
•208 & 104 GILMAN
•500-BLOCK PINCKNEY;
RECONNECT ALL OTHER
GILMAN SERVICES FIRST

RECONNECT SERVICE / CAP WM ENDS (W-3)
-ISOLATION VALVES:
•V-2 •V-5 •V-15
-NOTIFY:
•NONE OTHER THAN 150 GILMAN;
RECONNECT ALL OTHER
GILMAN 100-BLOCK SERVICES FIRST

CUT IN REDUCER (W-3)
-ISOLATION VALVES:
•V-2 •V-37
-NOTIFY:
•NONE

CUT OFF EX WM (W-4)
-ISOLATION VALVES:
•V-35 •V-36 •V-37
•V-5 •V-8 •V-5409
-NOTIFY:
•300-BLOCK OF E GORHAM
•323 N BUTLER

CONNECT TO EX CROSS /
CUT OFF EX WM (W-2)
-ISOLATION VALVES:
•V-1873 •V-1874 •V-58
-NOTIFY:
•410-419 PINCKNEY

V-8: IN MANHOLE
NEAR FRANKLIN ST
INTERSECTION

SERVICE RECONNECTION TO 1 GILMAN
MAY REQUIRE EX WM SHUTOFF;
RECONNECT ALL OTHER SERVICES ON
THIS BLOCK PRIOR TO THIS ONE

PLOT SCALE:

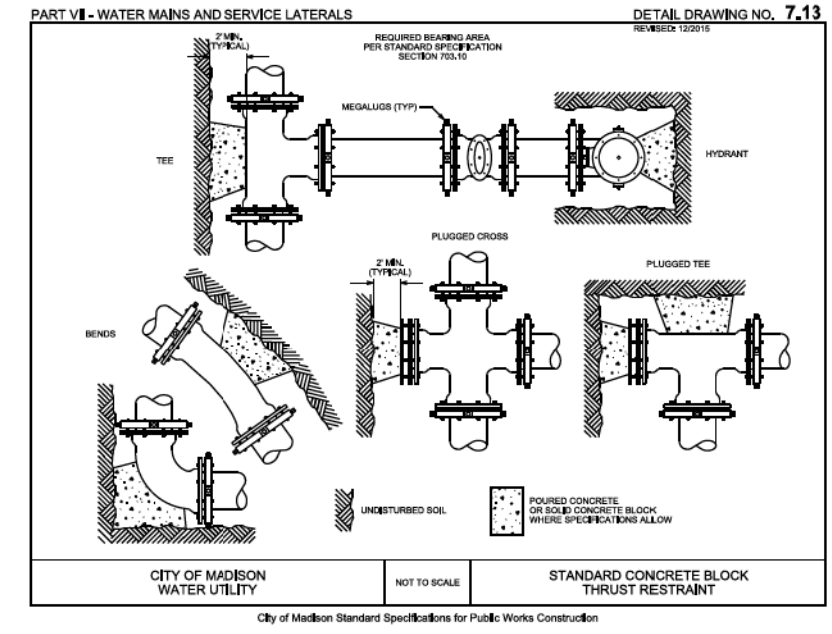
PLOT NAME:

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 FROM THE OLDER WATER MAIN TO THE NEWER WATER MAIN.
 - WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF; ABANDON CURB BOX AS REQUIRED.
 - WN4 DISCONNECT FROM THE OLDER WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEWER 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



ESTIMATE OF PROJECT WATER MATERIALS:

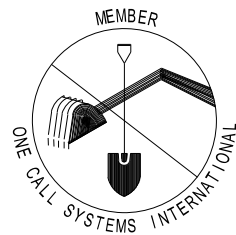
* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF. ALWAYS REFER TO PLANS.

WATER MAIN / FITTING MATERIALS		TEMPORARY MATERIALS	
4-IN PIPE (LF)	20	5-IN HYDRANTS	1
6-IN PIPE (LF)	170	8-IN X 6-IN REDUCERS	1
8-IN PIPE (LF)	940		
POLY WRAP (LF)	1250	SALVAGED MATERIALS	
6-IN VALVES & BOXES	6	8-IN MJ PLUGS	1
8-IN VALVES & BOXES	6	4-IN X 4-IN TEES	1
6-IN X 4-IN TEES	3	4-IN VALVES & BOXES	2
6-IN X 6-IN TEES	1	8-IN X 4-IN REDUCERS	2
8-IN X 6-IN TEES	6		
8-IN X 8-IN TEES	3	MISC. MATERIALS	
4-IN 22.5° BENDS	1	2-IN INSULATION (LF)	AS REQ
6-IN 22.5° BENDS	1	COPPER TUBING (1-IN TO 2-IN)	AS REQ
4-IN 90° BENDS	3		
6-IN 90° BENDS	2		
8-IN 45° BENDS	2		
10-IN X 8-IN REDUCERS	1		
6-IN X 4-IN REDUCERS	1		
6-IN MJ PLUGS	5		
8-IN MJ PLUGS	1		
4-IN MJ CAPS	5		
6-IN MJ CAPS	1		
5-IN HYDRANTS	2		

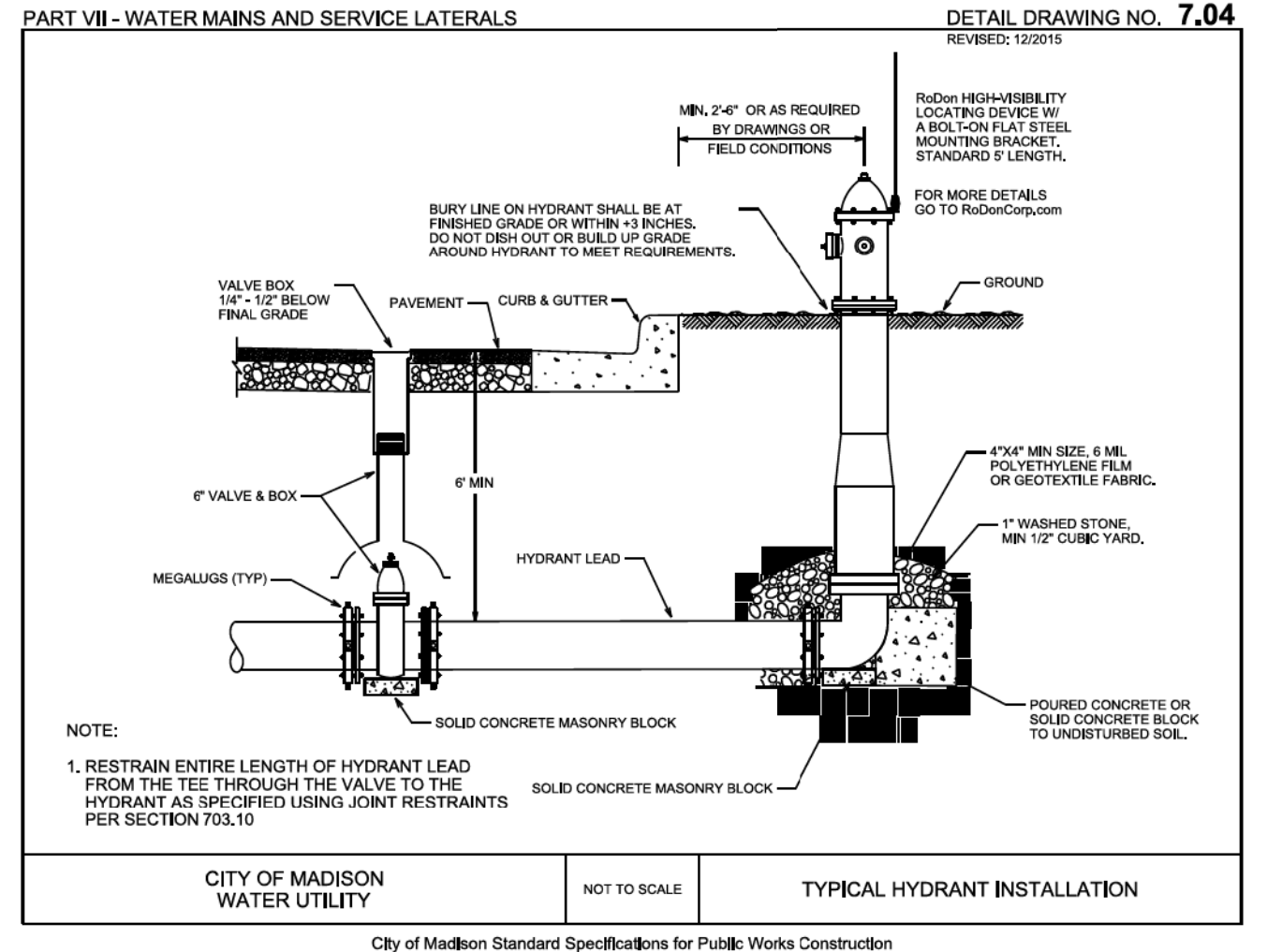
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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.

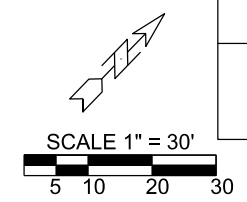


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



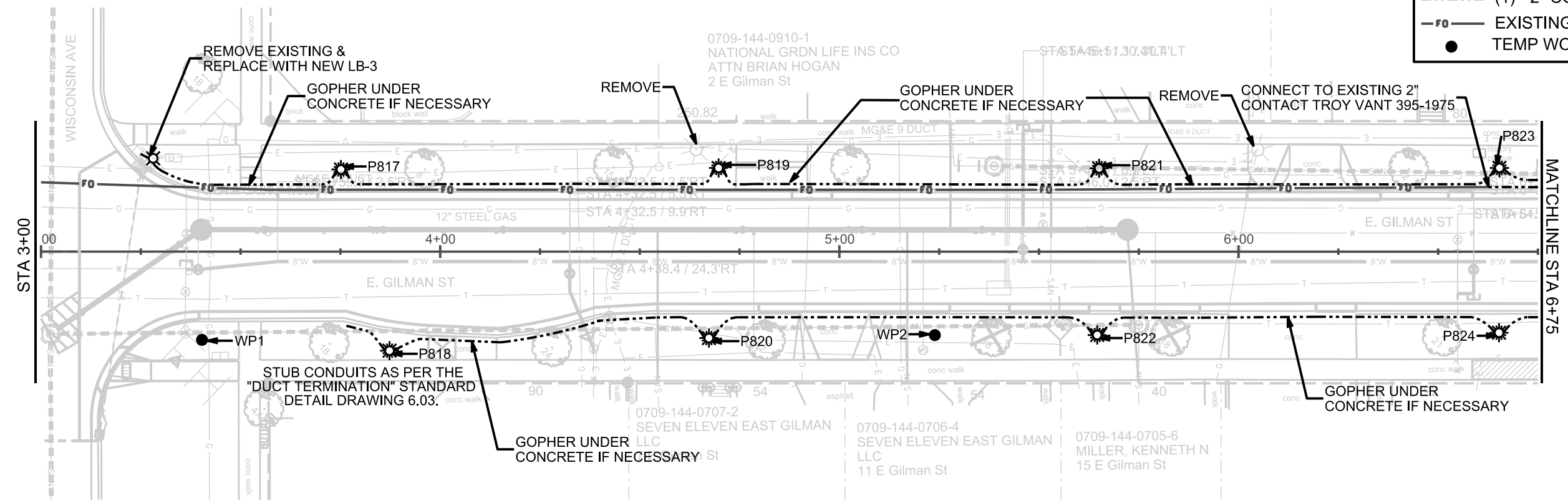
GENERAL ELECTRIC NOTES

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD. 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, 2017 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"x24" ANCHOR BOLTS: 33 SETS OF 4 FOR LB-1 BASES
1"x40" ANCHOR BOLTS: 4 SETS OF 4 FOR LB-3 BASES

LEGEND

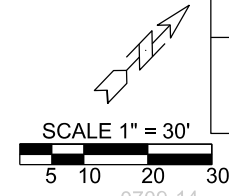
- LB-1 BASE
- HANDHOLE TYPE 1
- HANDHOLE TYPE 5
- LB-3 BASE
- TYPE M BASE
- (1) - 2" CONDUIT*
*UNLESS NOTED AS OTHER
- EXISTING CONDUIT
- TEMP WOOD POLE**
**APPROXIMATE LOCATION



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

ELECTRICAL PLAN
STREET LIGHTS

CITY OF MADISON

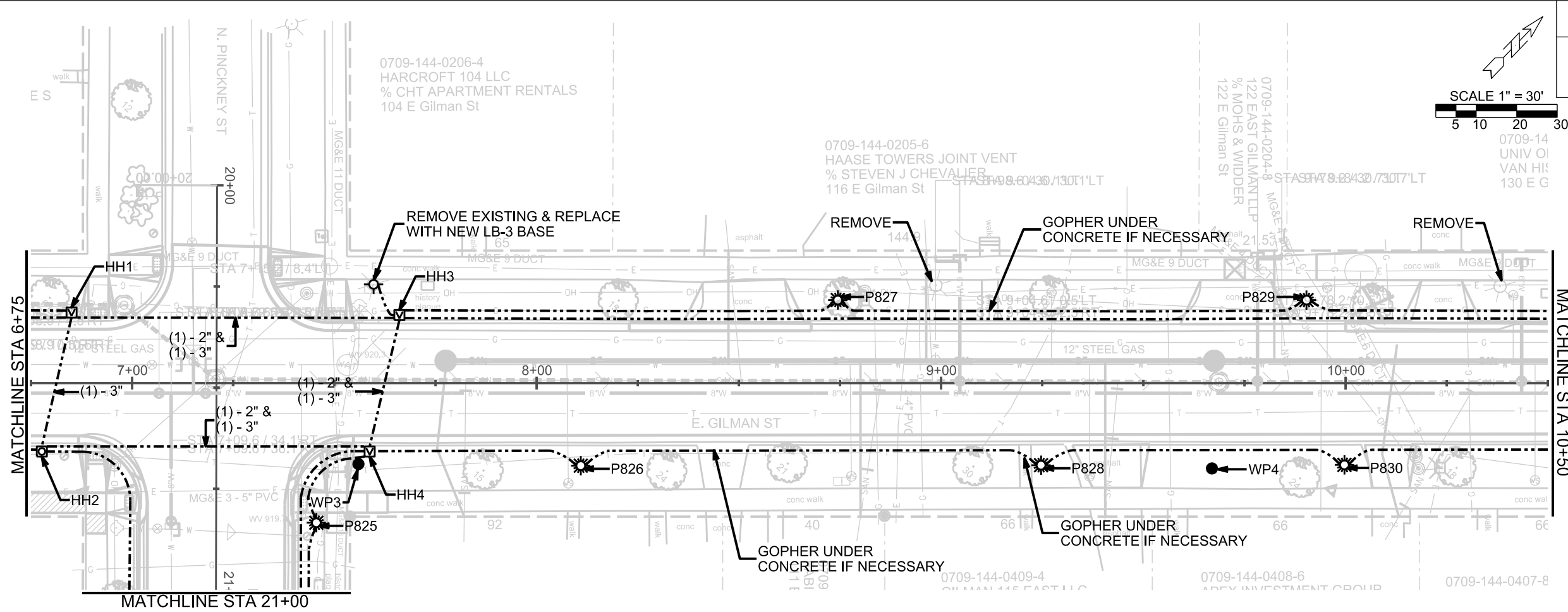


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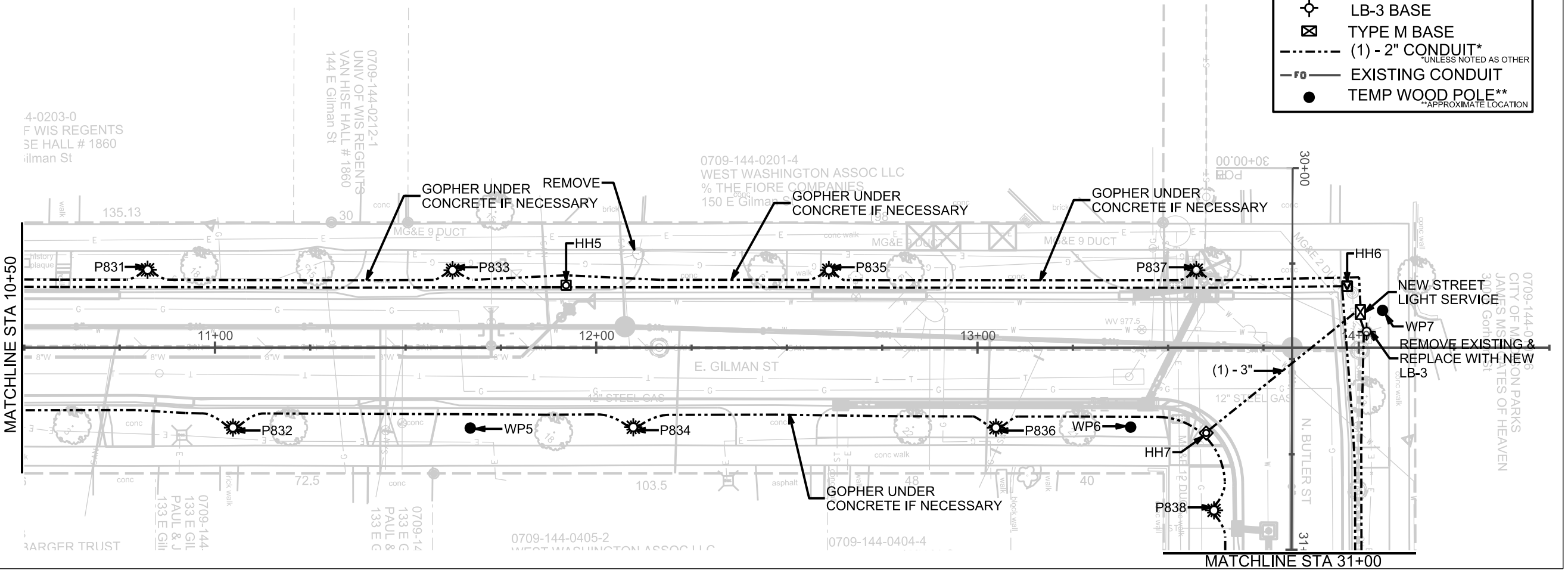
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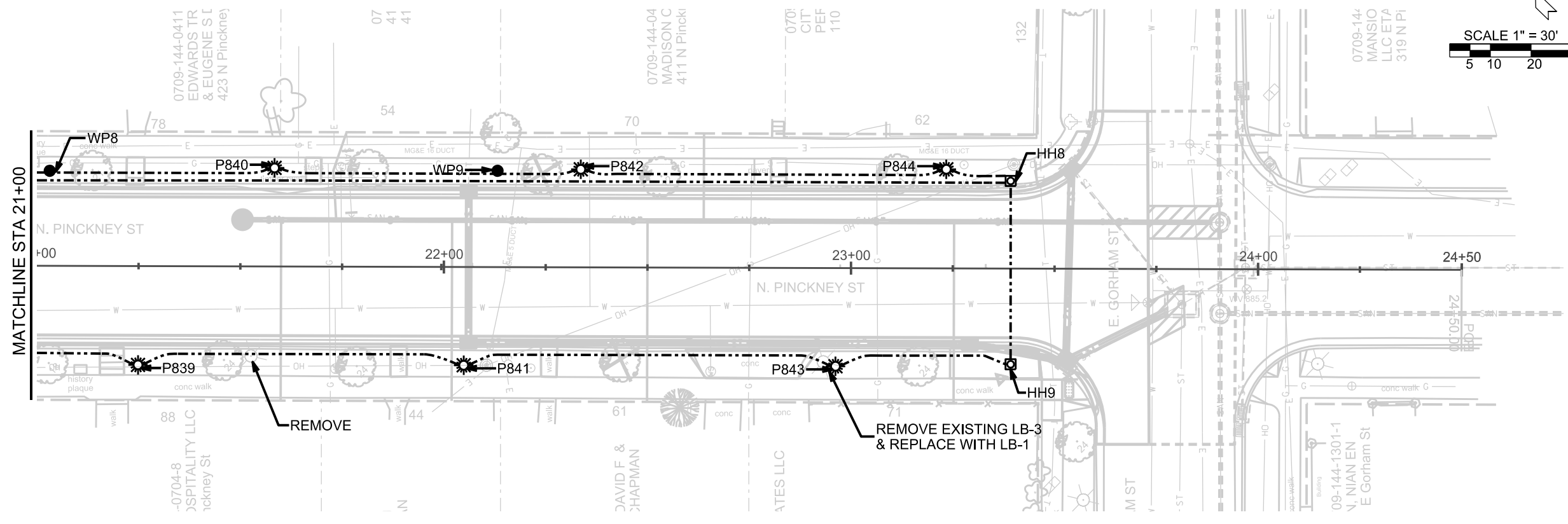
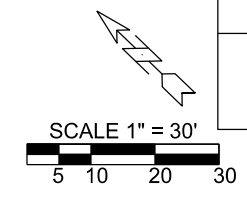
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



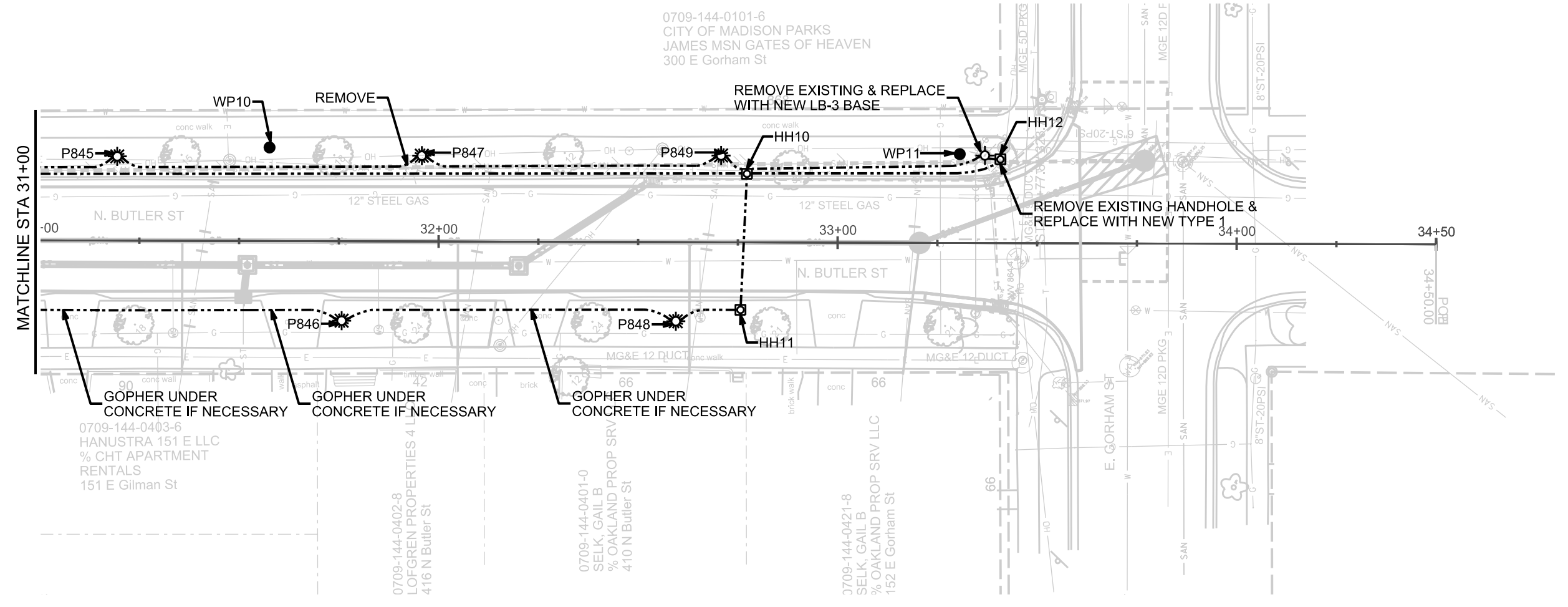
LEGEND	
	LB-1 BASE
	HANDHOLE TYPE 1
	HANDHOLE TYPE 5
	LB-3 BASE
	TYPE M BASE
	(1) - 2" CONDUIT*
	EXISTING CONDUIT
	TEMP WOOD POLE**
	<small>*UNLESS NOTED AS OTHER</small>
	<small>**APPROXIMATE LOCATION</small>





LEGEND

- LB-1 BASE
- HANDHOLE TYPE 1
- HANDHOLE TYPE 5
- LB-3 BASE
- TYPE M BASE
- (1) - 2" CONDUIT*
*UNLESS NOTED AS OTHER
- EXISTING CONDUIT
- TEMP WOOD POLE**
**APPROXIMATE LOCATION



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

CROSS SECTIONS

E. GILMAN STREET

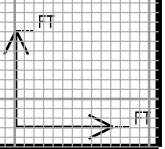
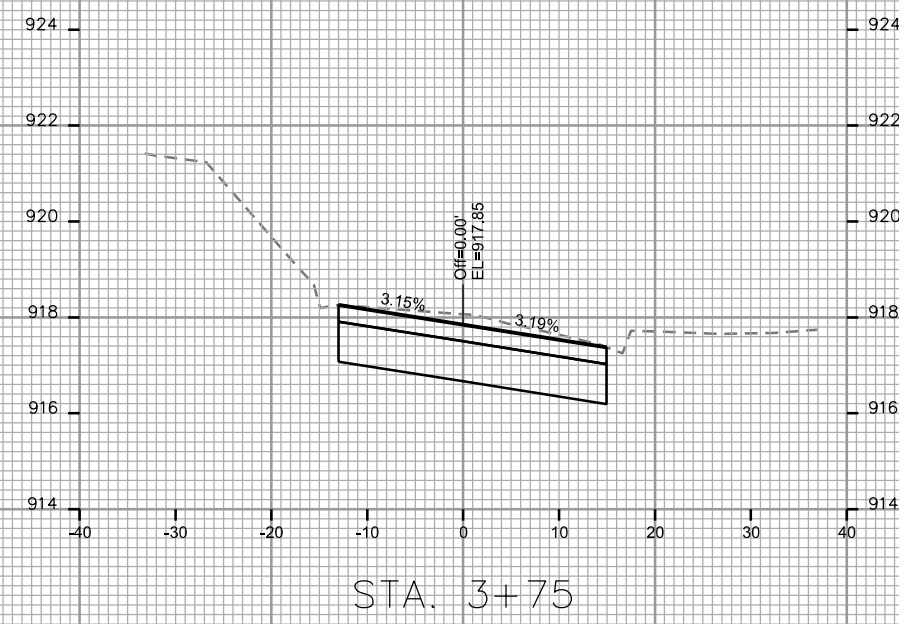
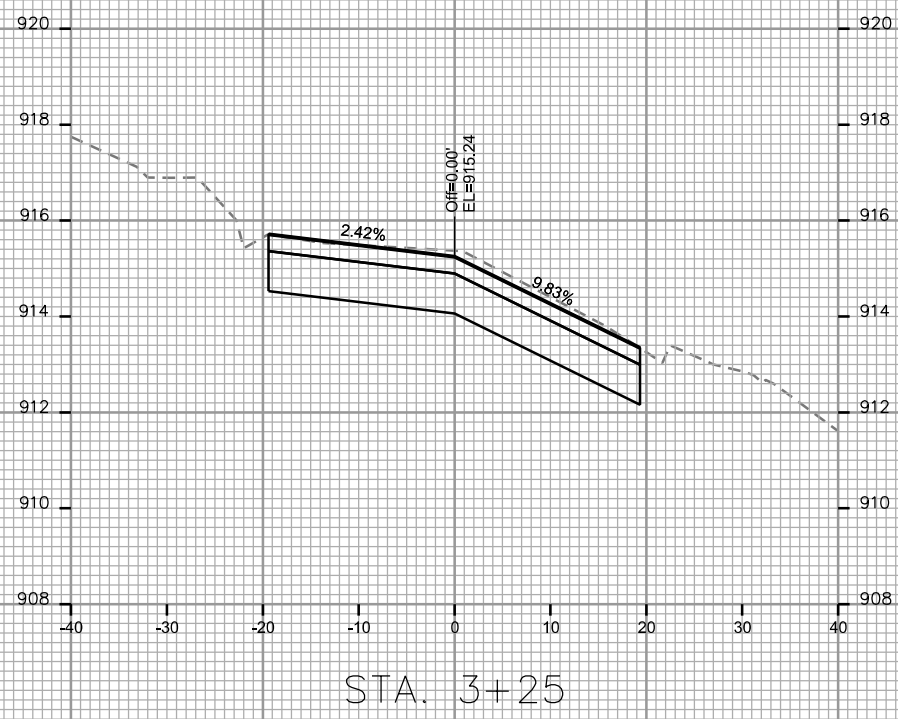
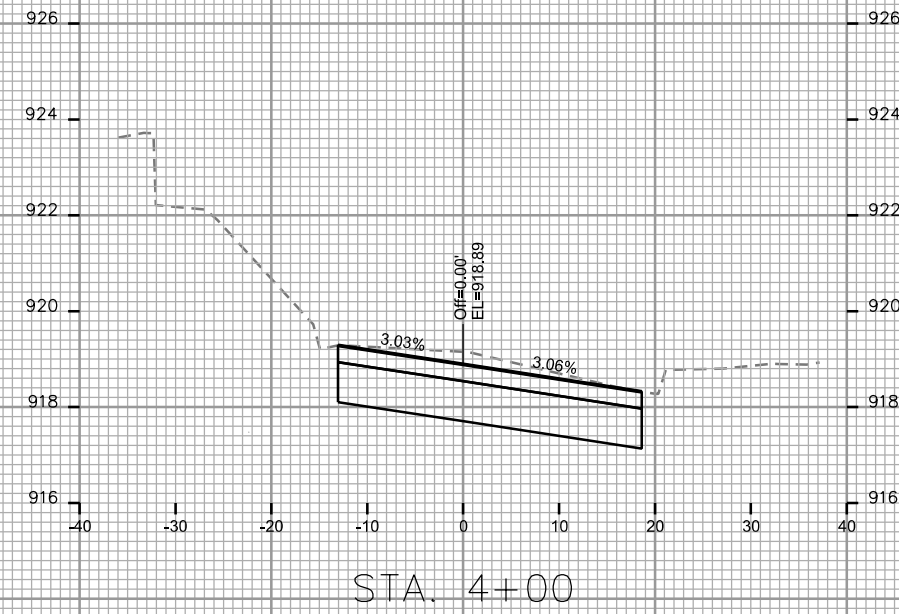
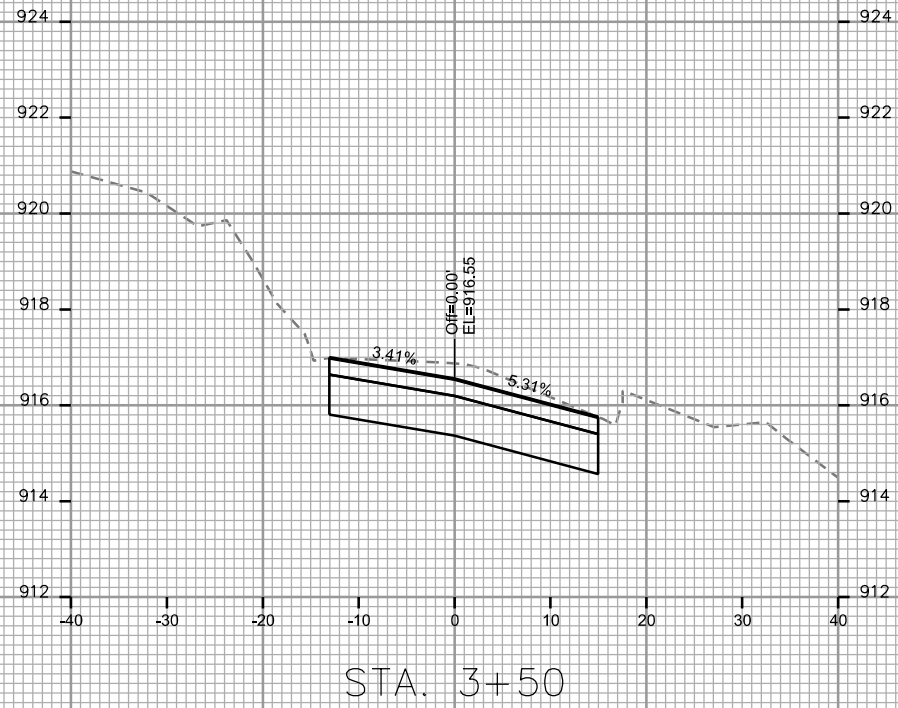
CITY OF MADISON

PLOT SCALE: _____

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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

E. GILMAN STREET

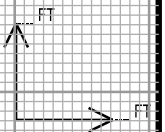
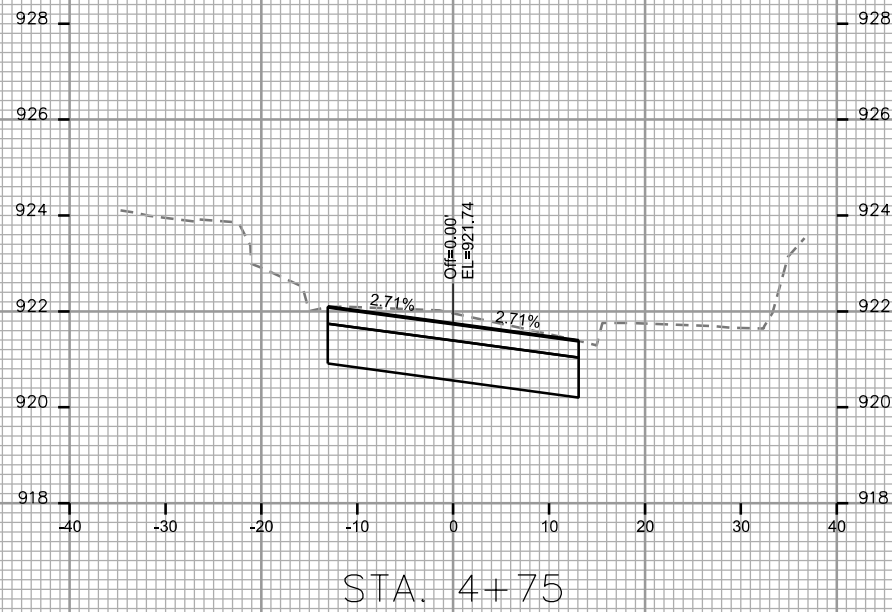
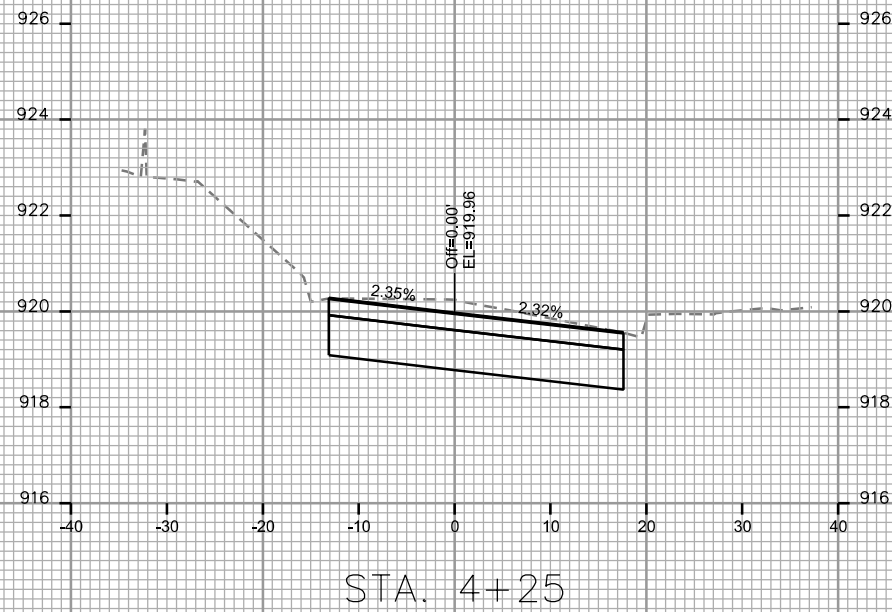
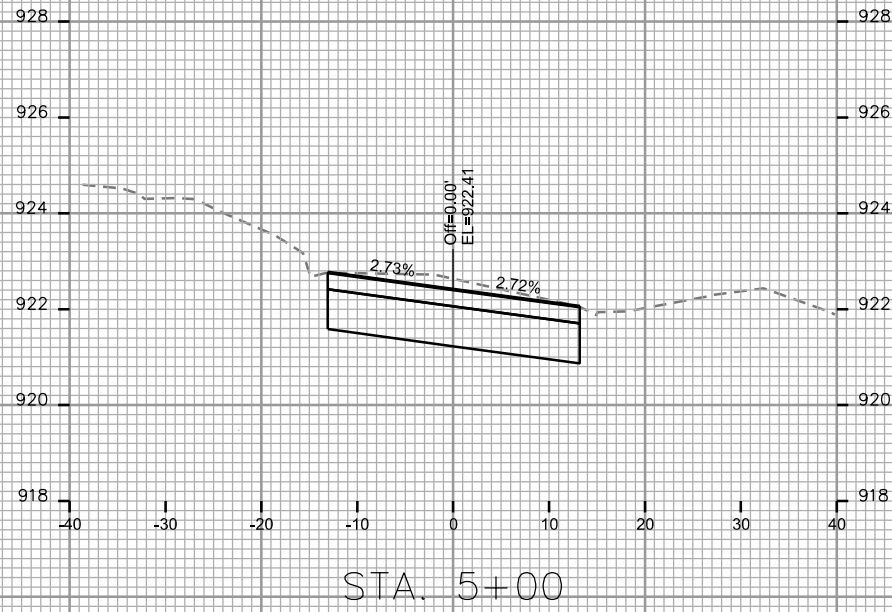
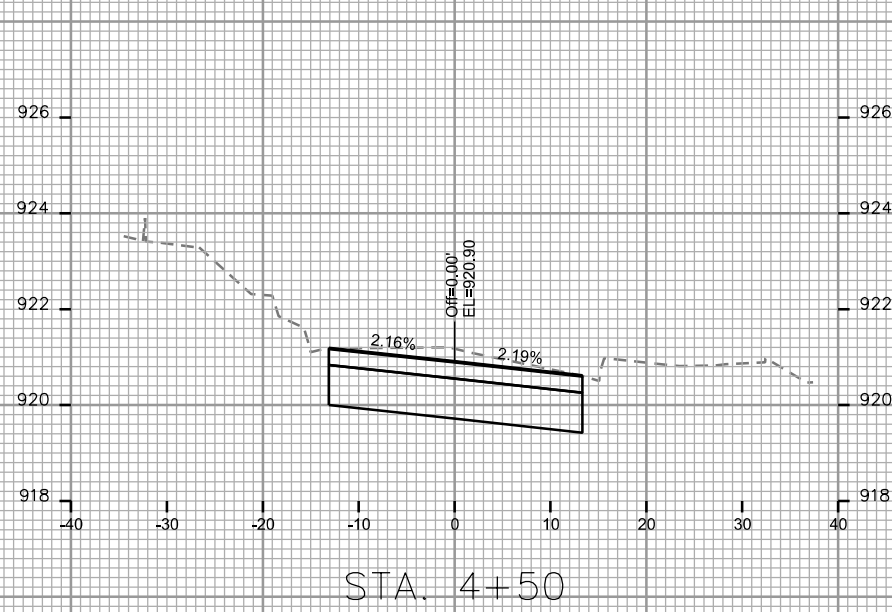
CITY OF MADISON

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CROSS SECTIONS

E. GILMAN STREET

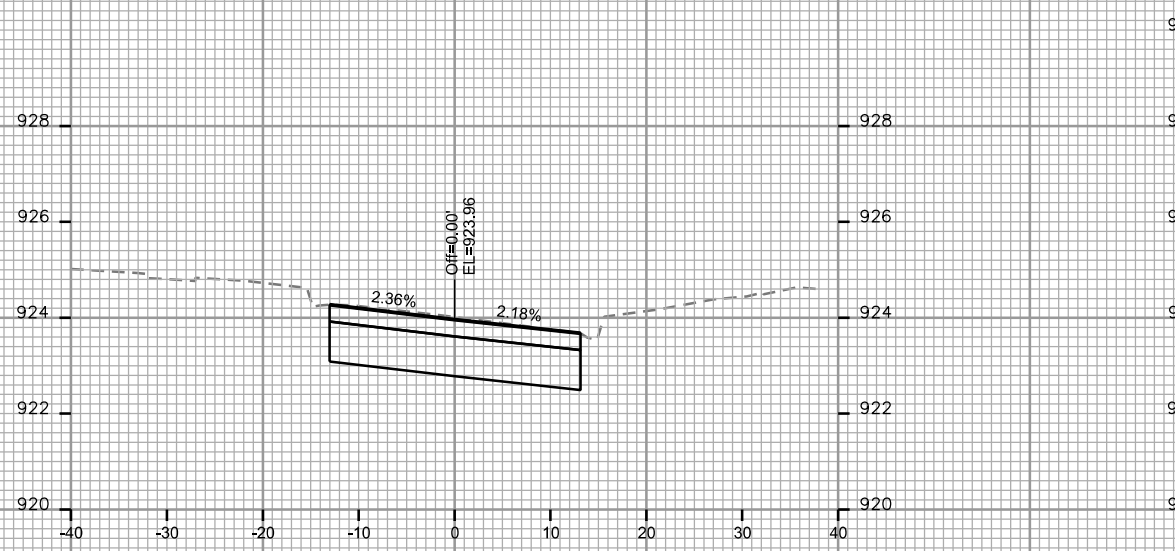
CITY OF MADISON

PLOT SCALE: _____

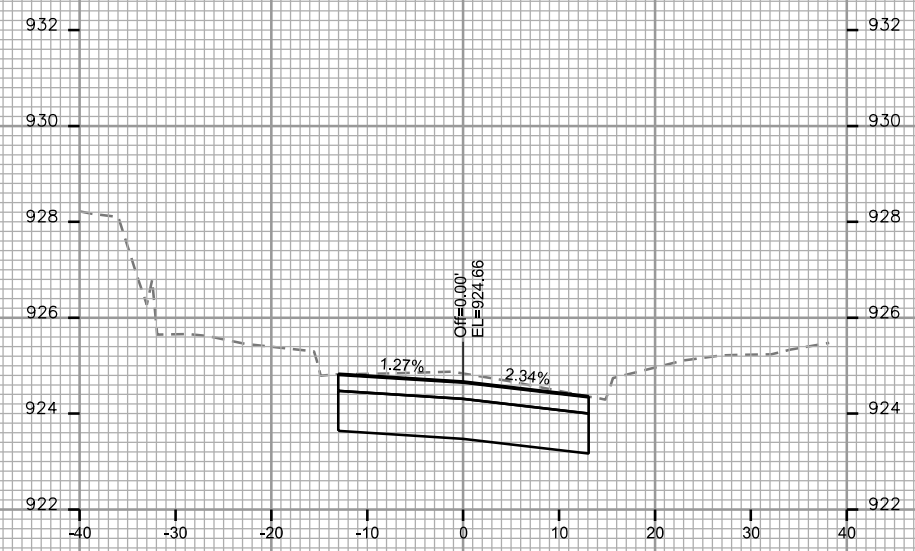
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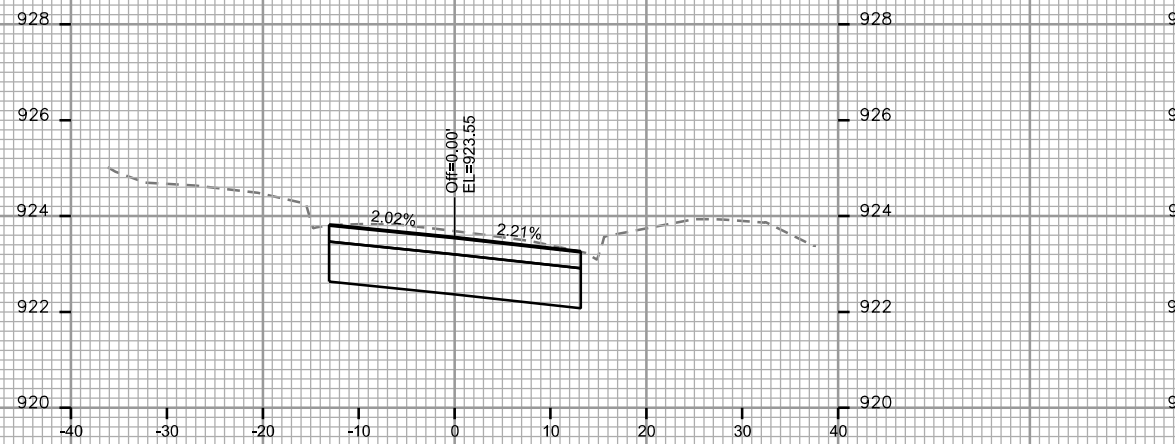
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



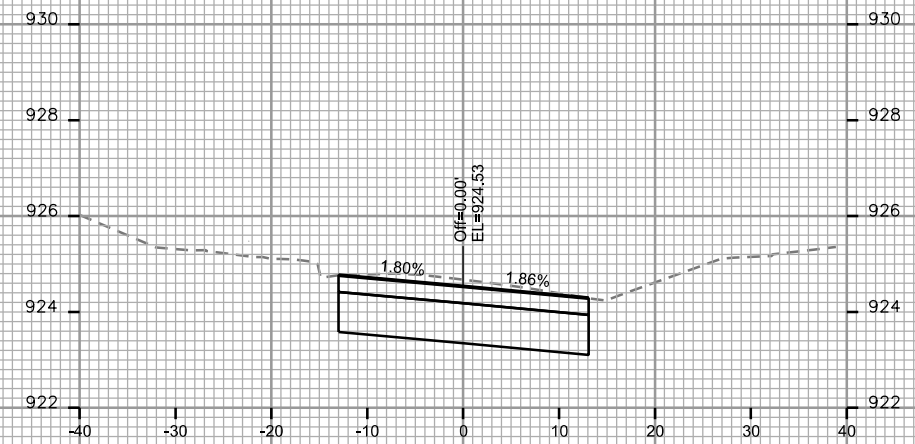
STA. 5+75



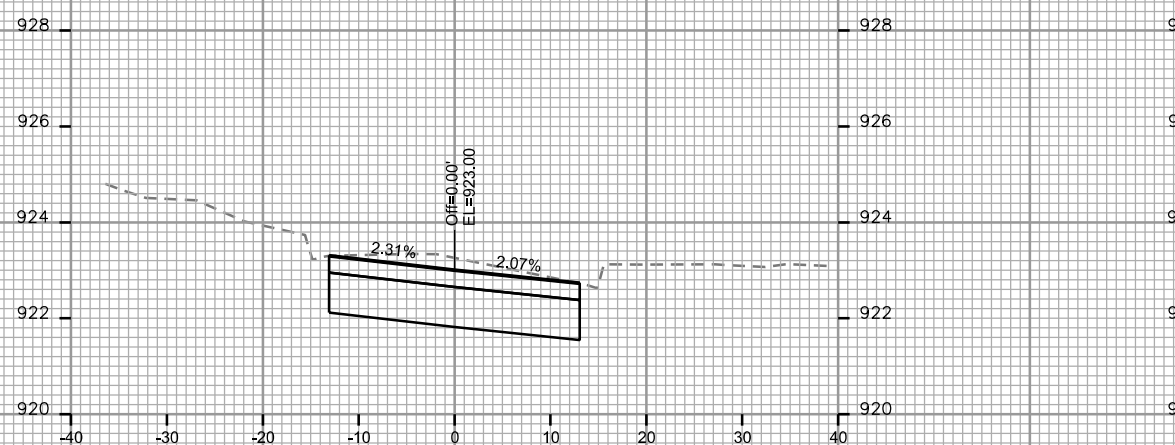
STA. 6+50



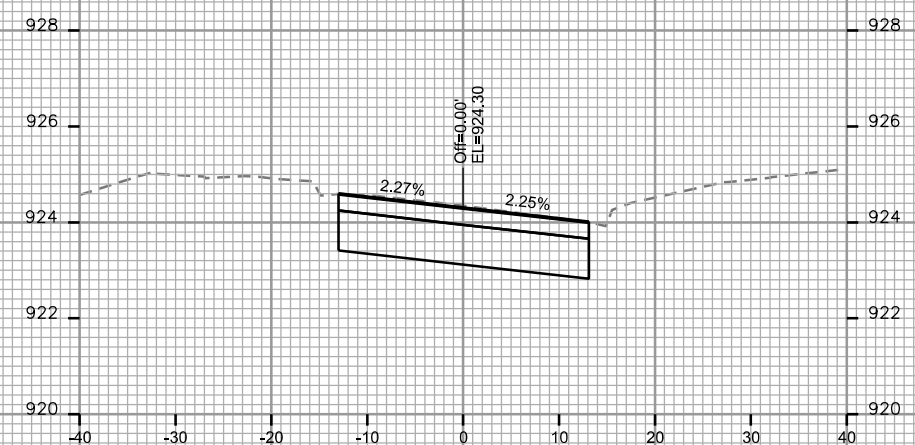
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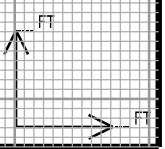
STA. 6+25



STA. 5+25



STA. 6+00



CROSS SECTIONS

E. GILMAN STREET

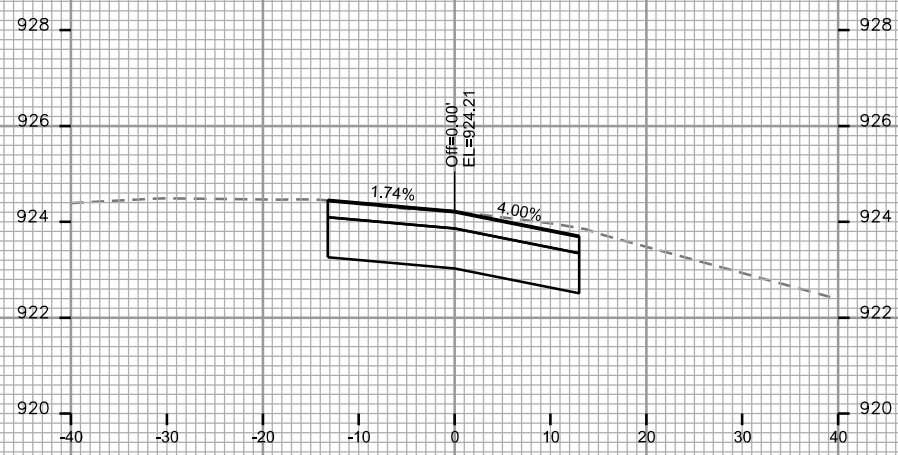
CITY OF MADISON

PLOT SCALE: _____

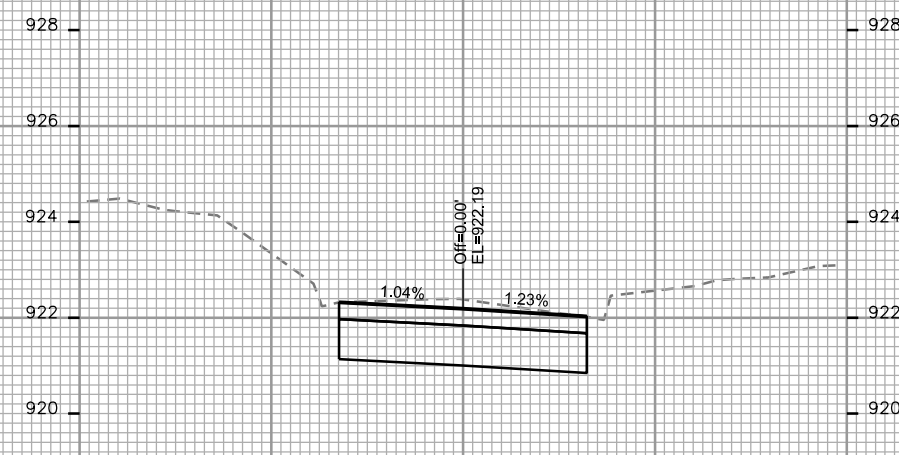
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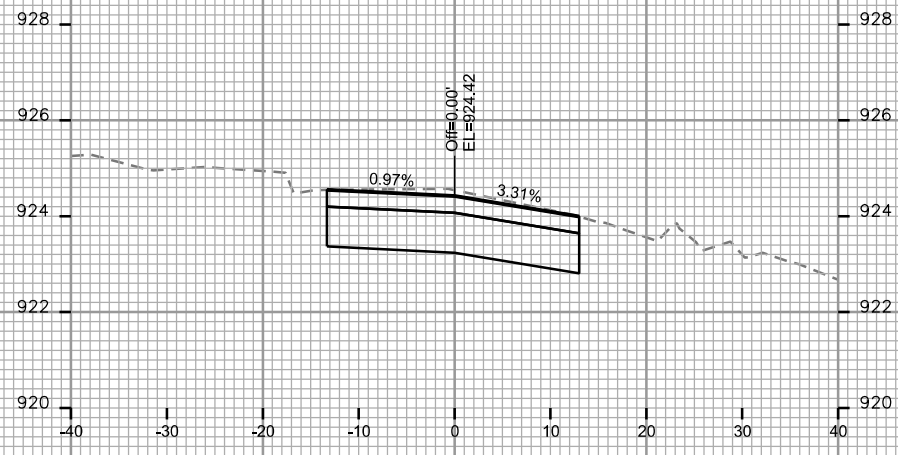
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



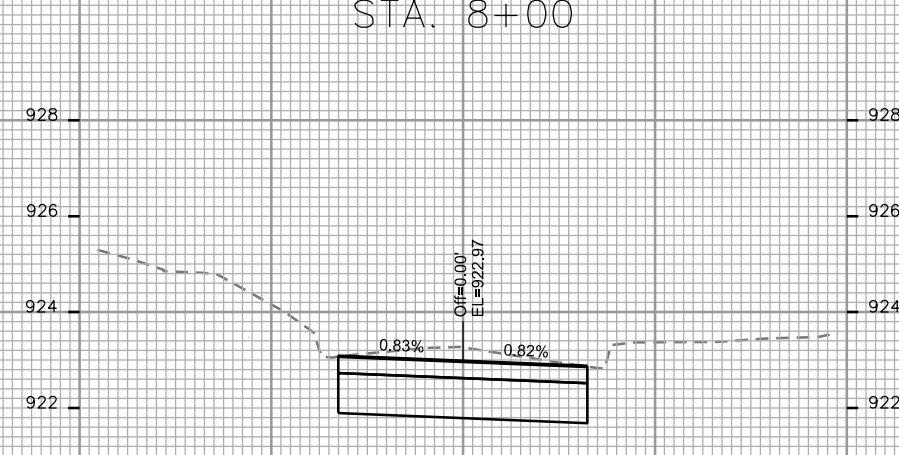
STA. 7+25



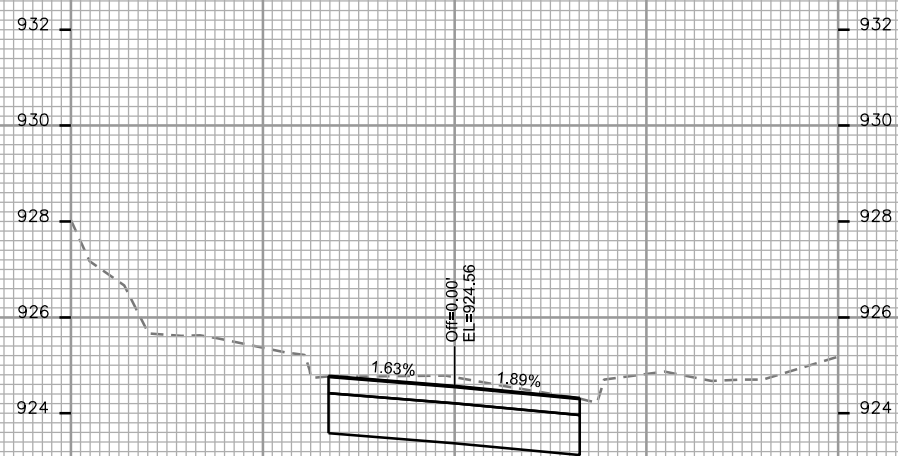
STA. 8+00



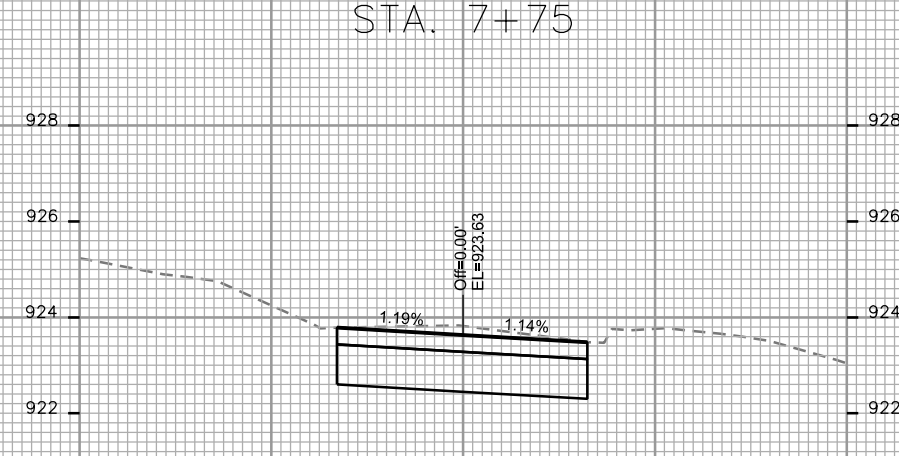
STA. 7+00



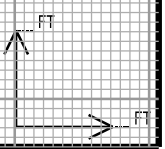
STA. 7+75



STA. 6+75



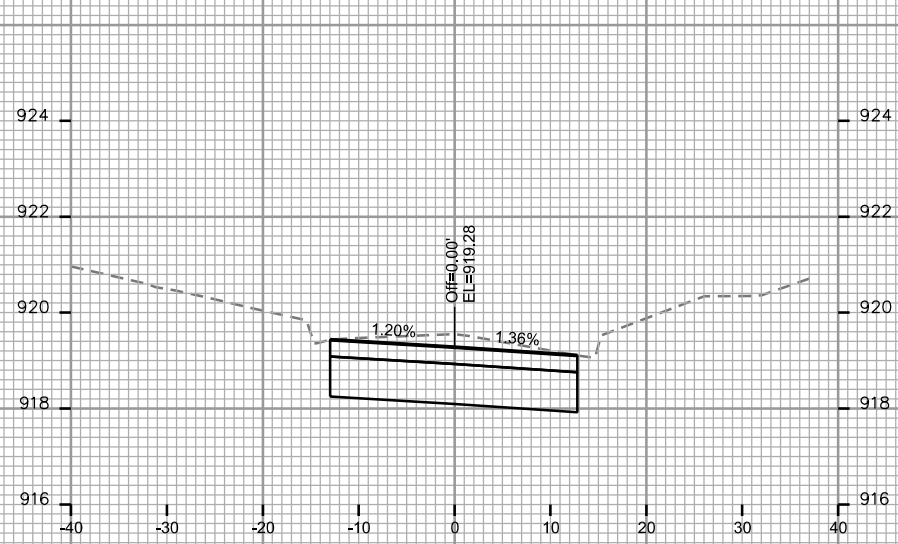
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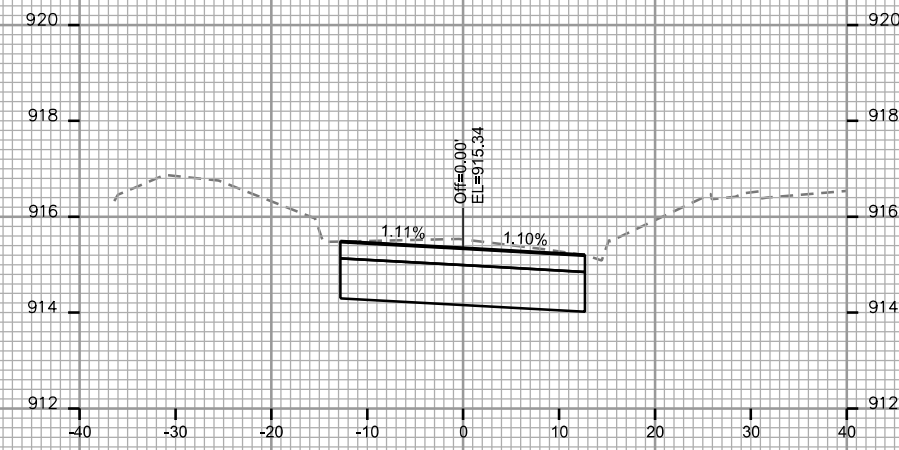
CROSS SECTIONS

E. GILMAN STREET

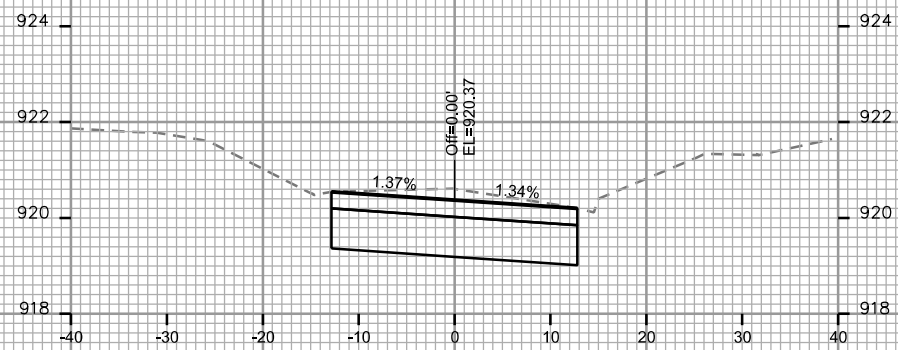
CITY OF MADISON



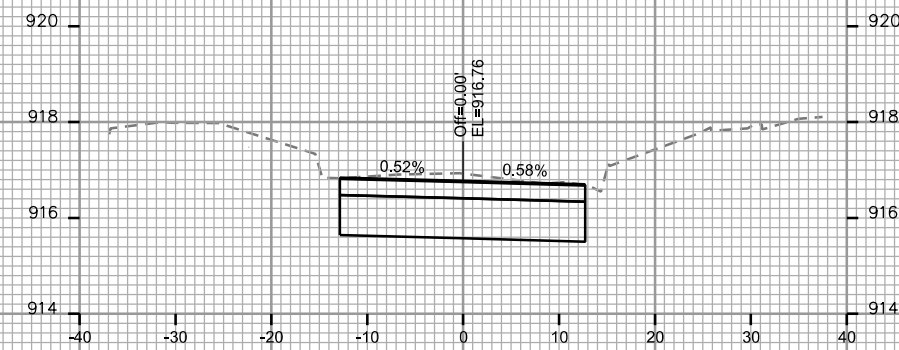
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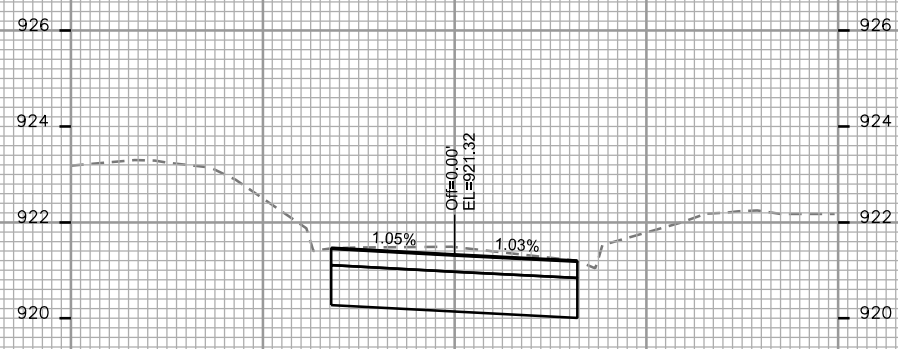
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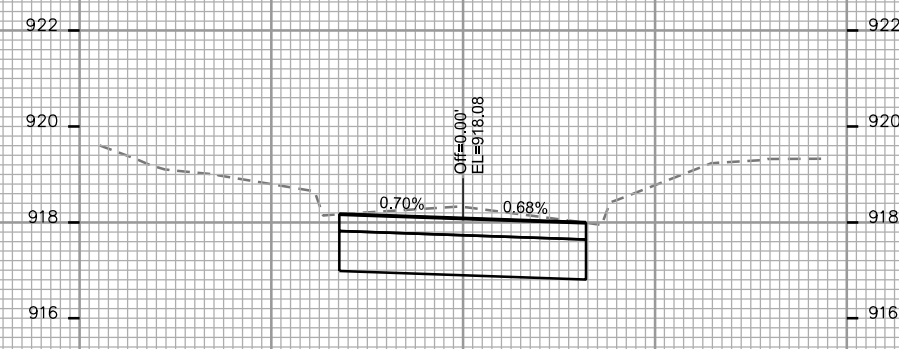
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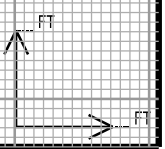
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STA. 8+25



STA. 9+00



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

E. GILMAN STREET

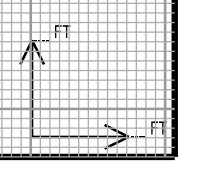
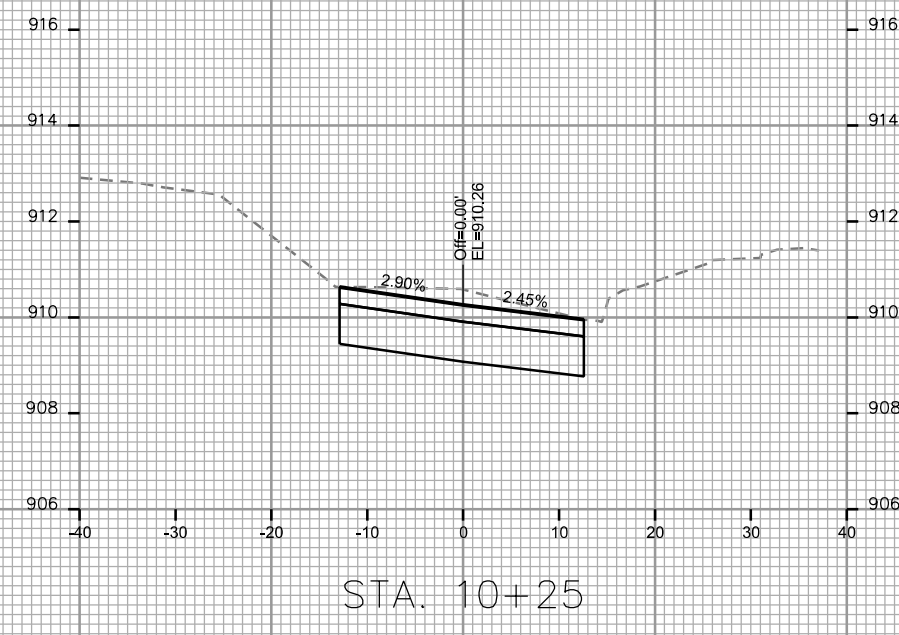
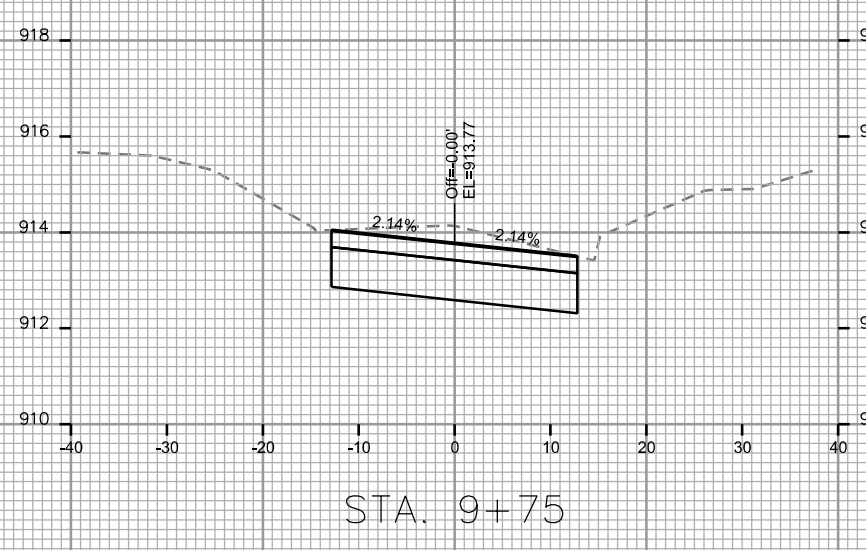
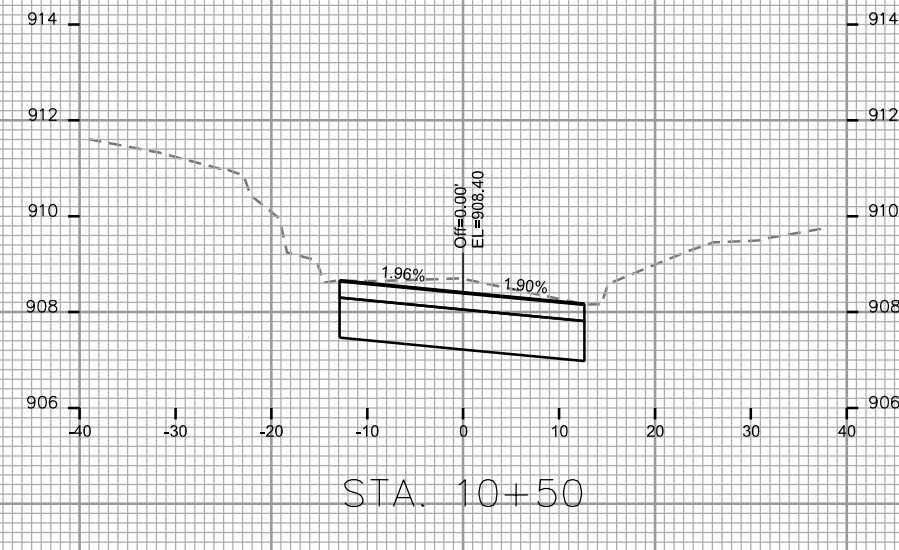
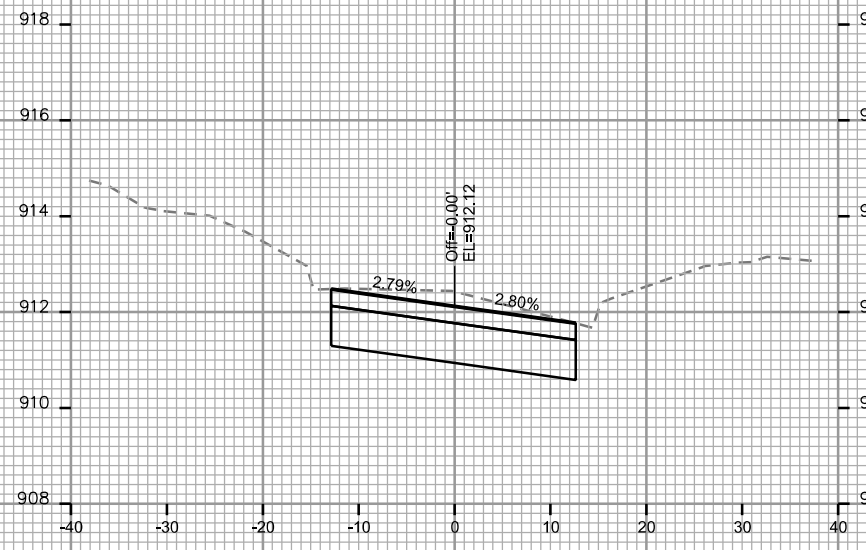
CITY OF MADISON

PLOT SCALE: _____

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CROSS SECTIONS

E. GILMAN STREET

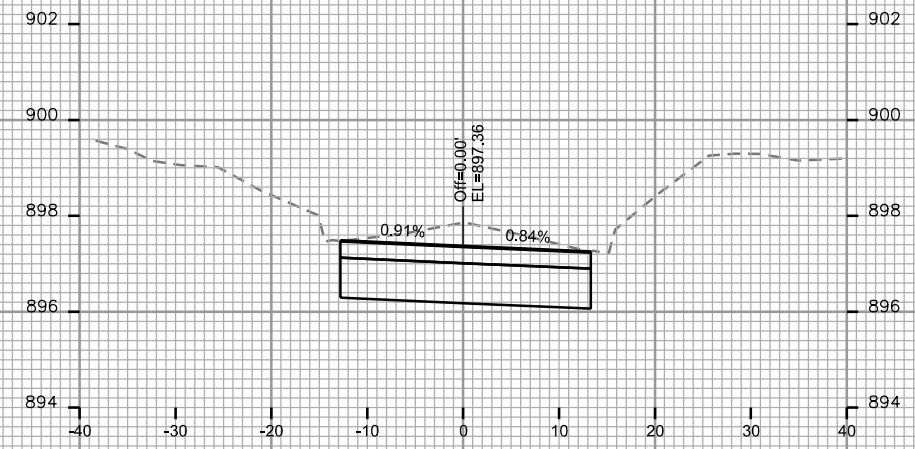
CITY OF MADISON

PLOT SCALE: _____

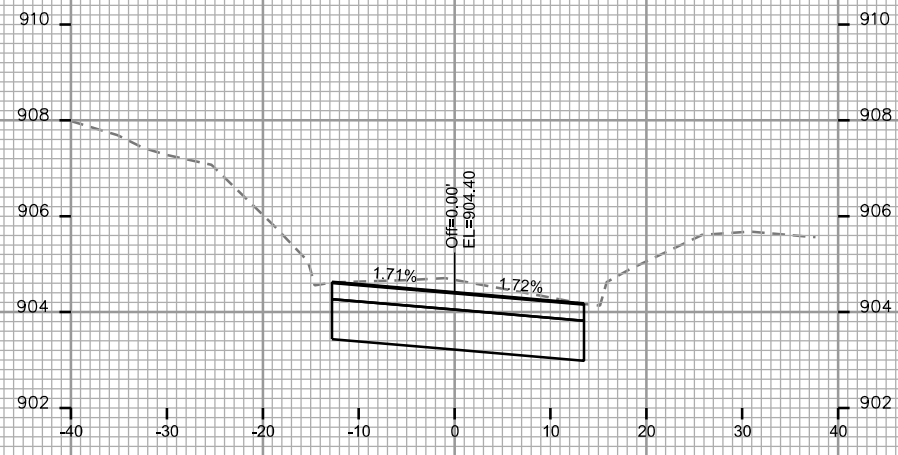
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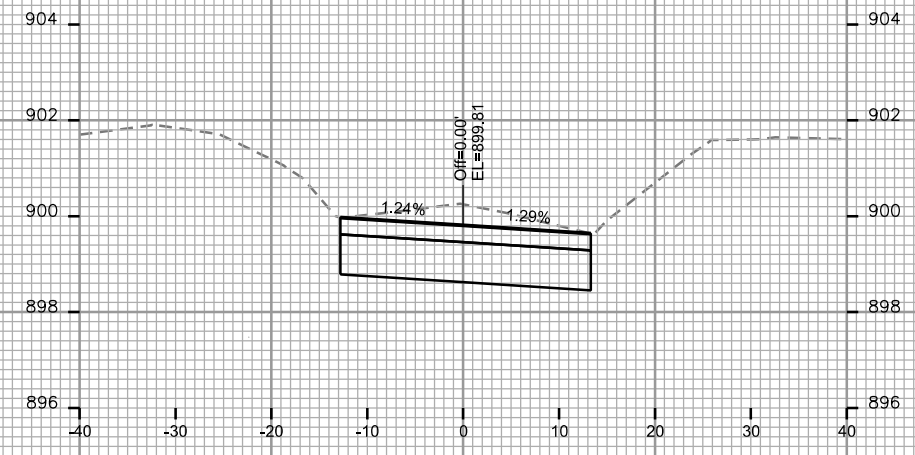
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



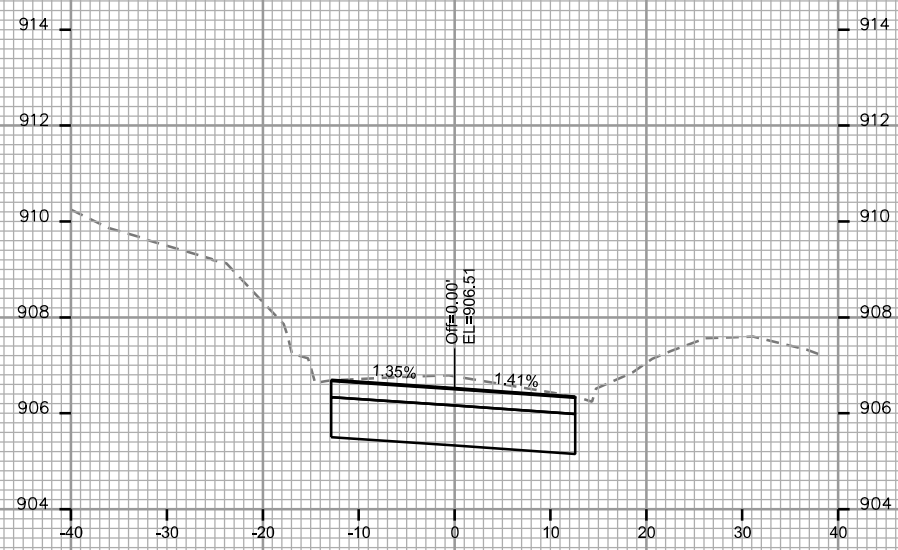
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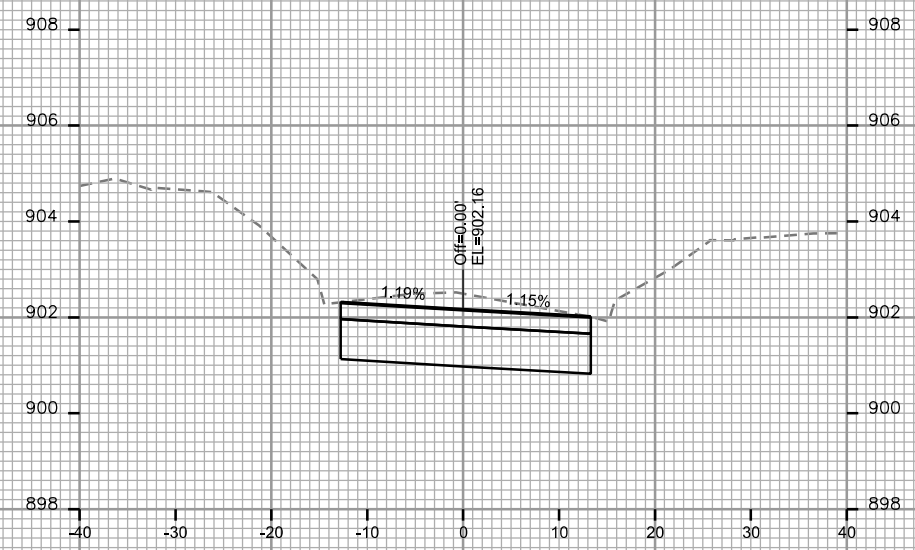
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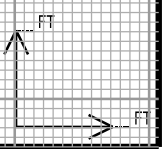
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STA. 10+75



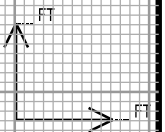
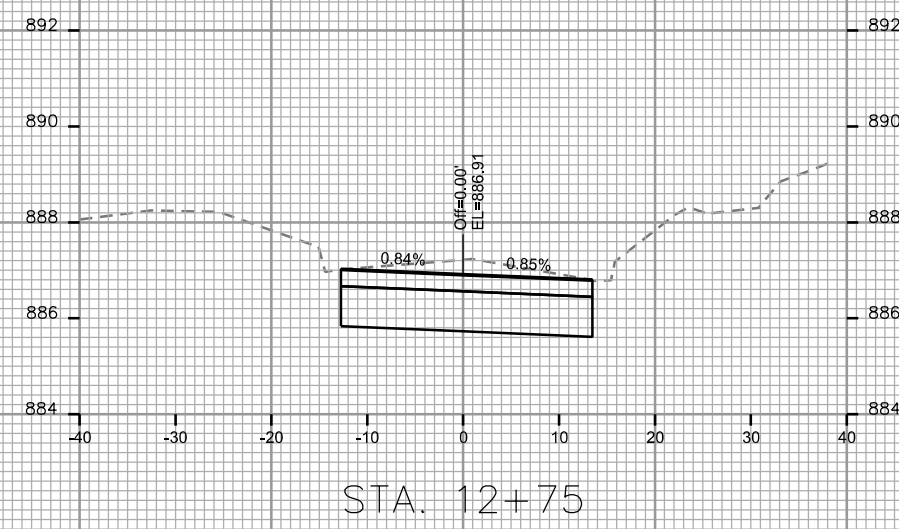
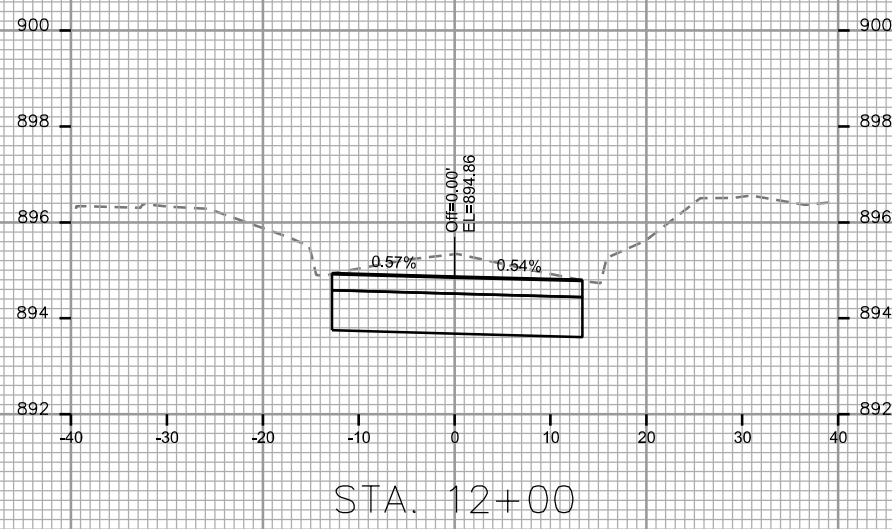
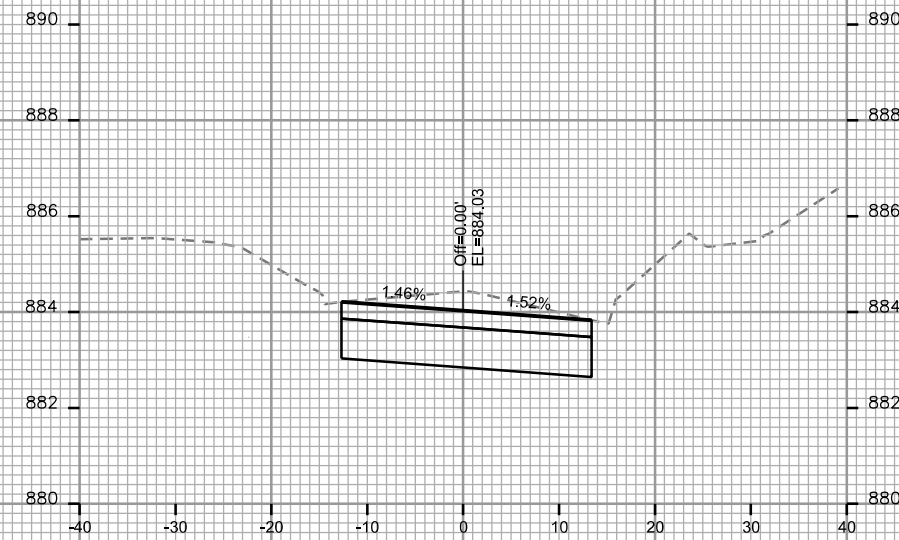
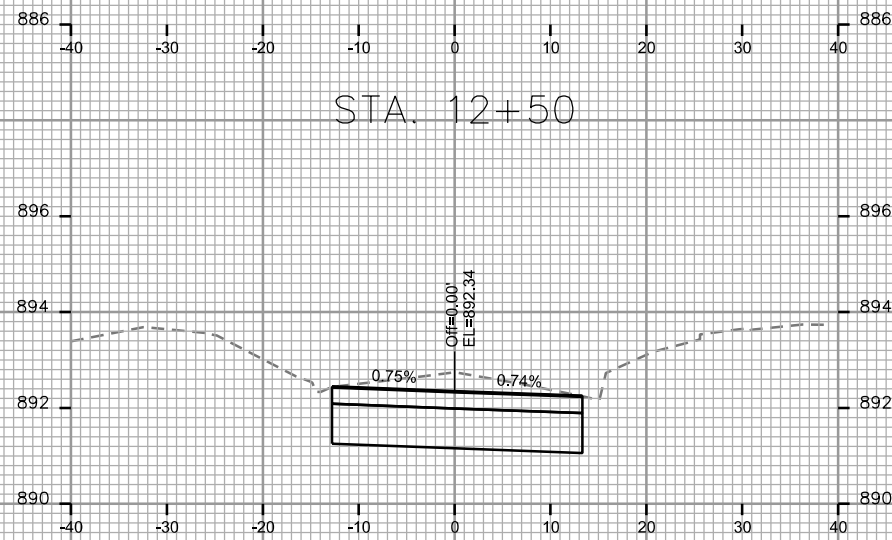
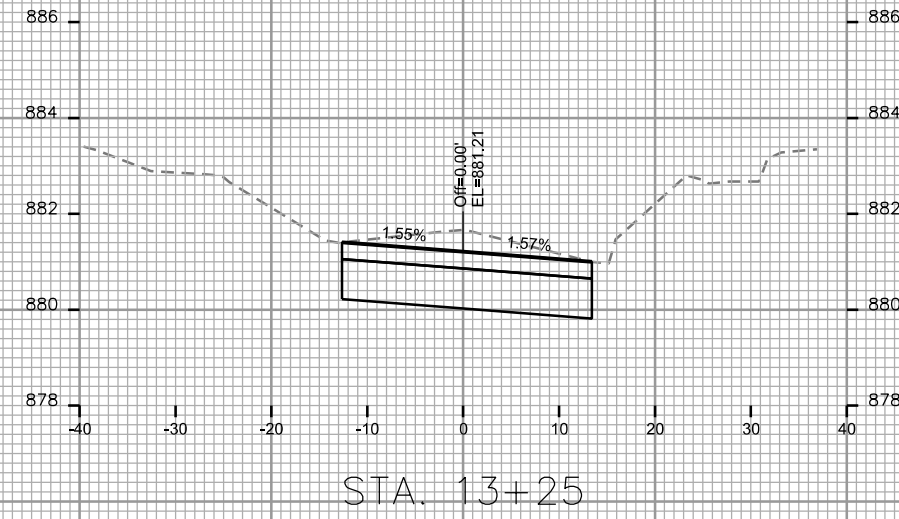
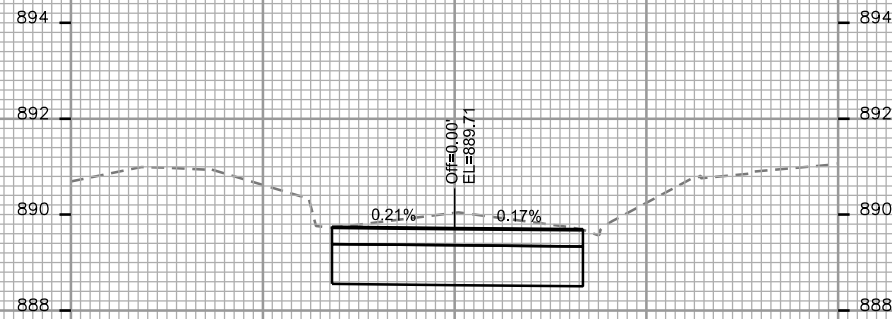
STA. 11+25



CROSS SECTIONS

E. GILMAN STREET

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

E. GILMAN STREET

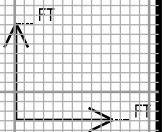
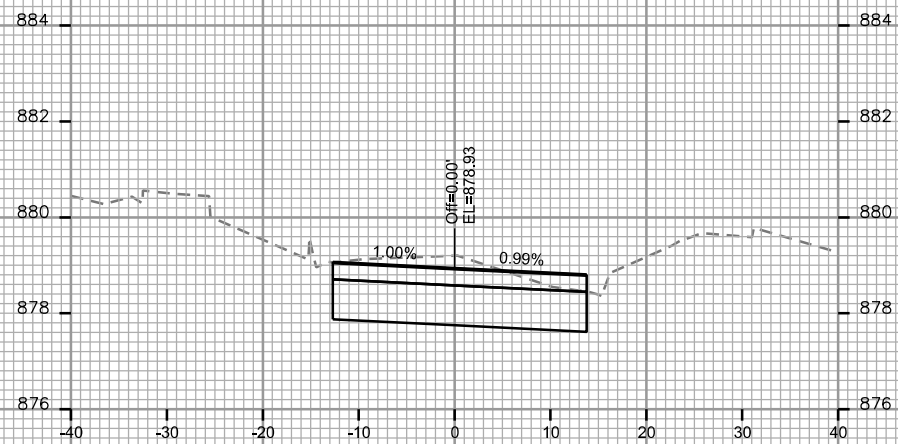
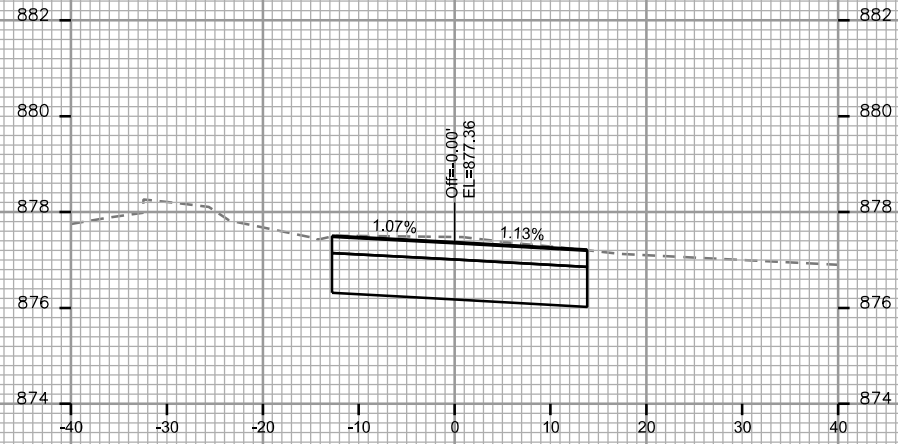
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

N. PINCKNEY STREET

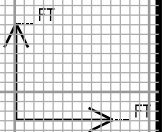
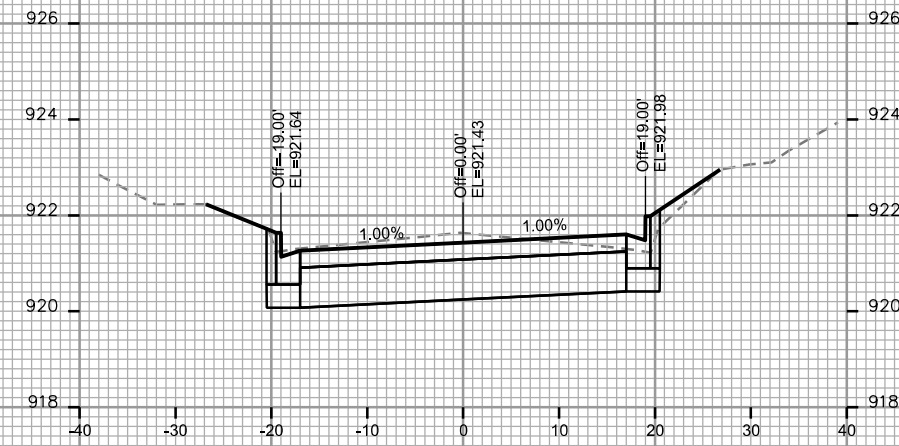
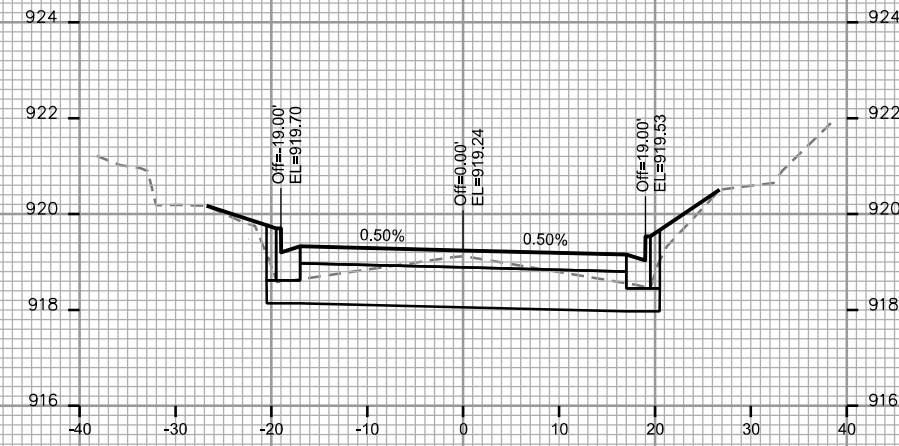
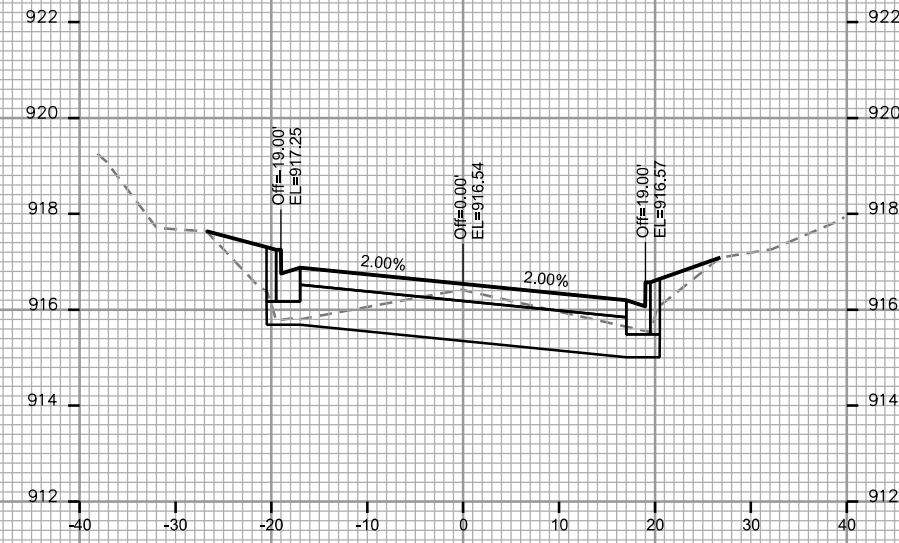
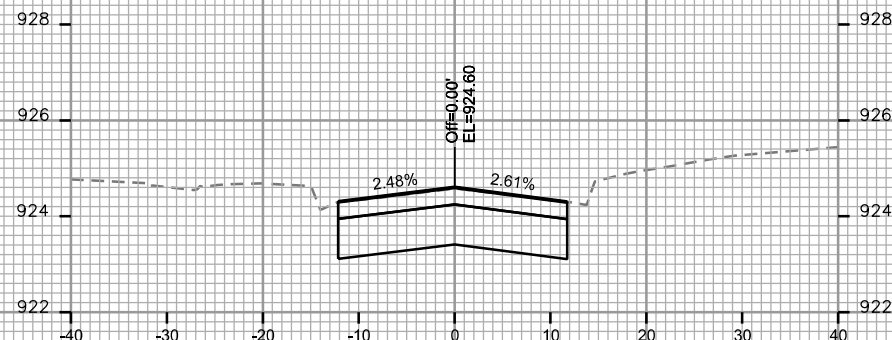
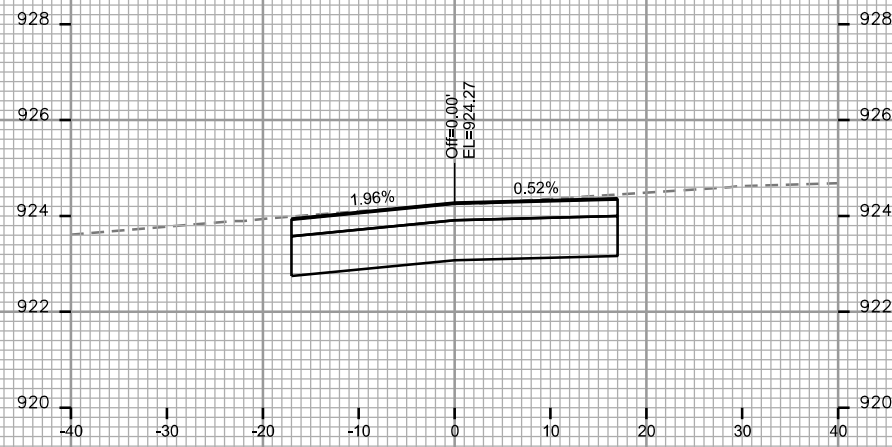
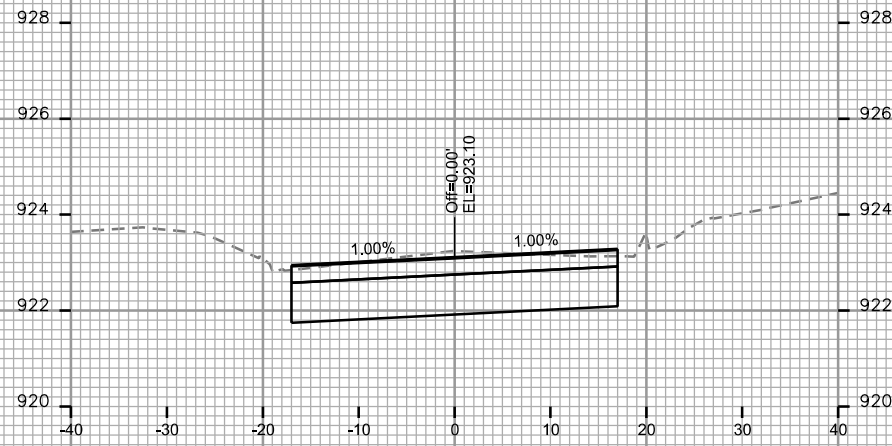
CITY OF MADISON

PLOT SCALE: _____

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CROSS SECTIONS

N. PINCKNEY STREET

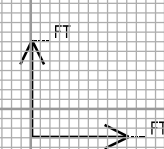
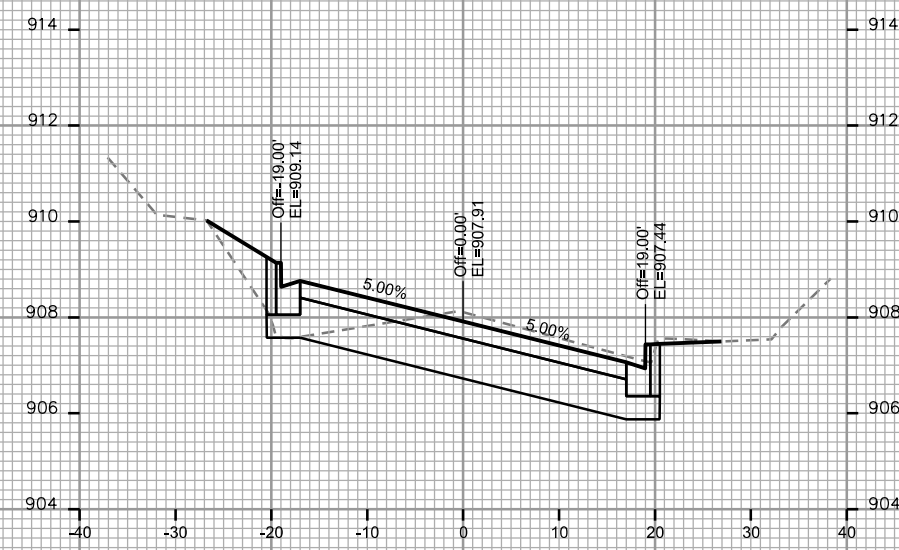
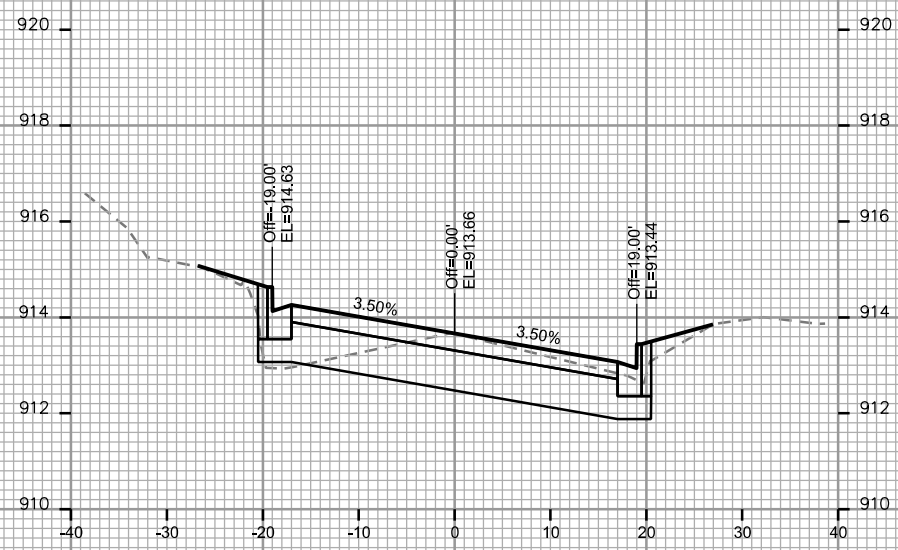
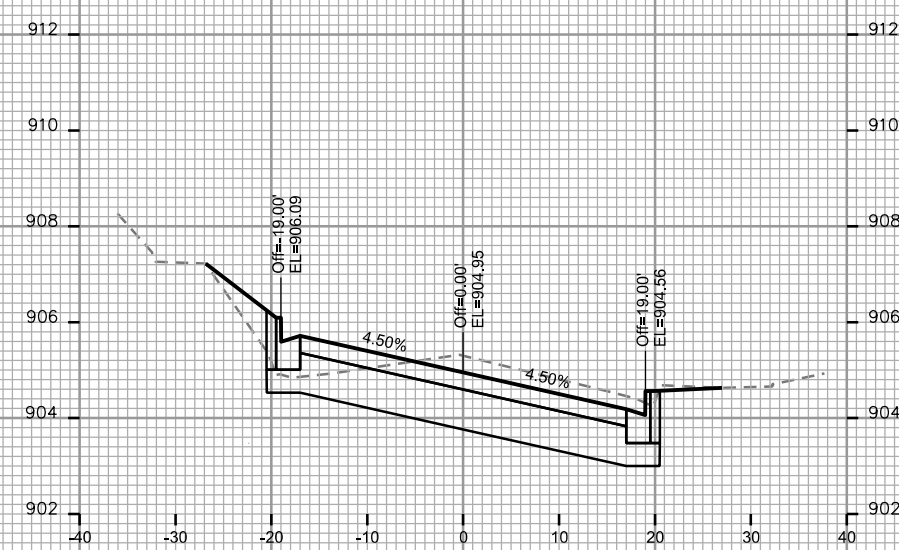
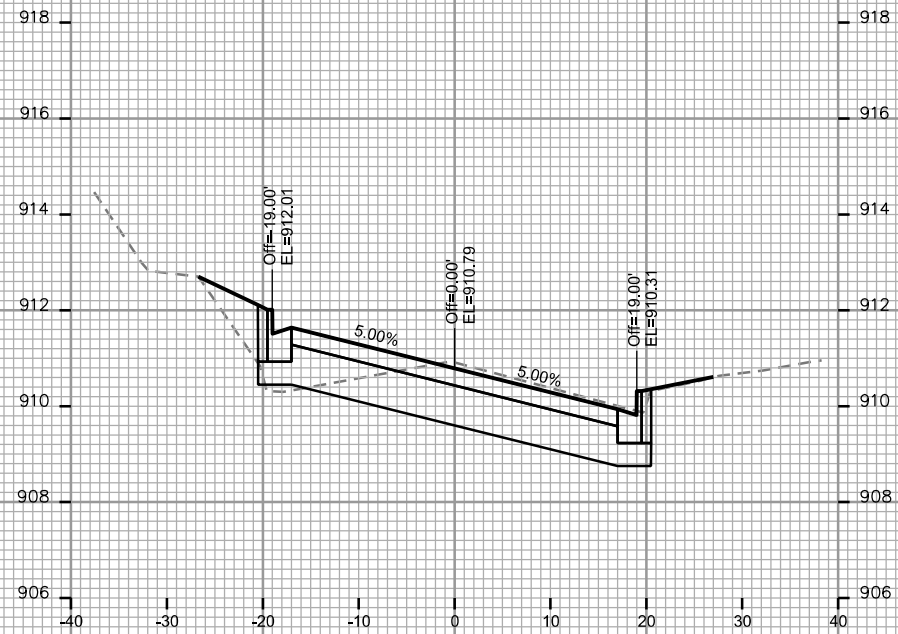
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

N. PINCKNEY STREET

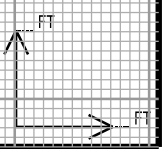
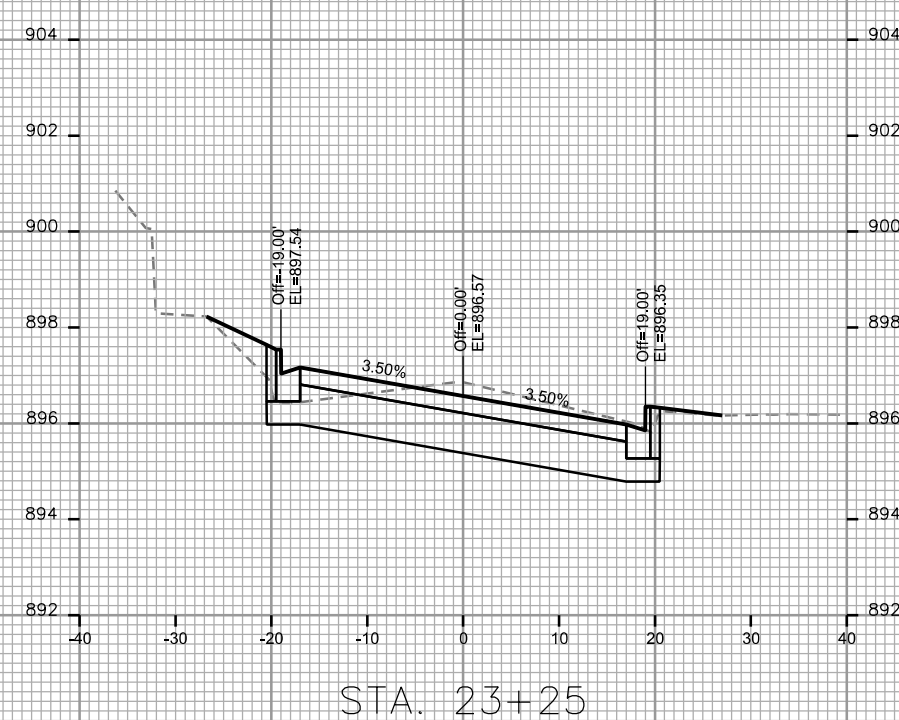
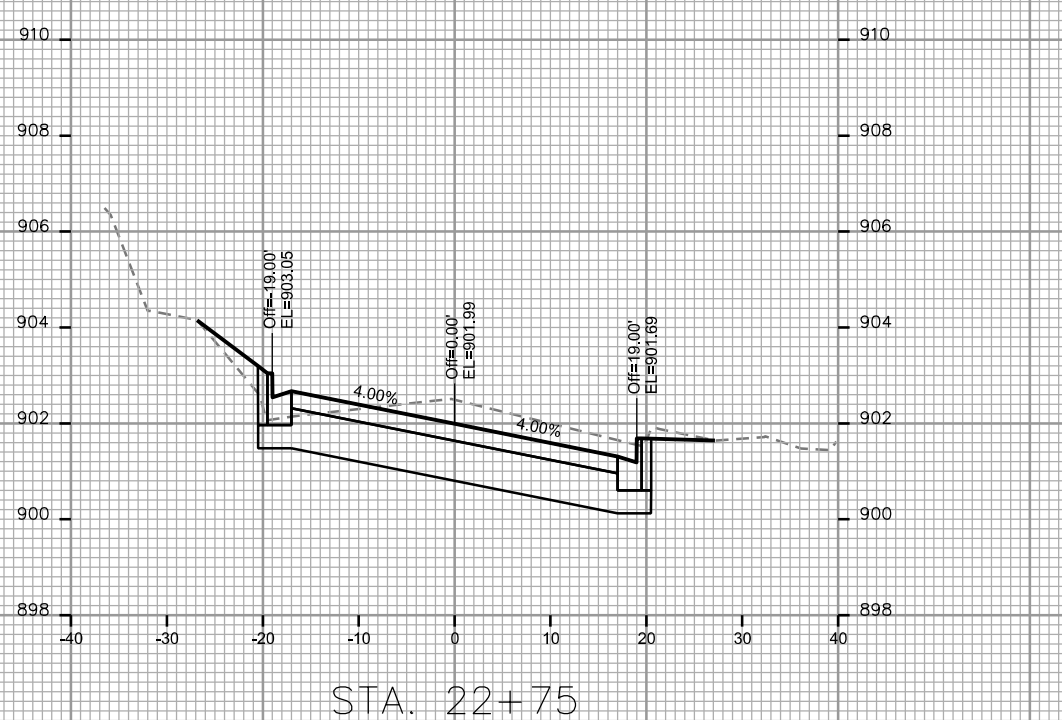
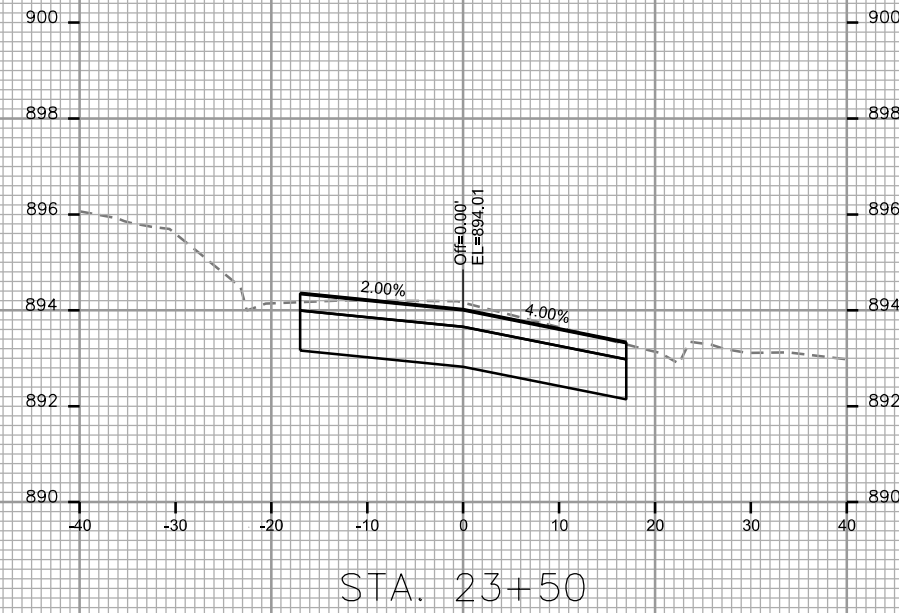
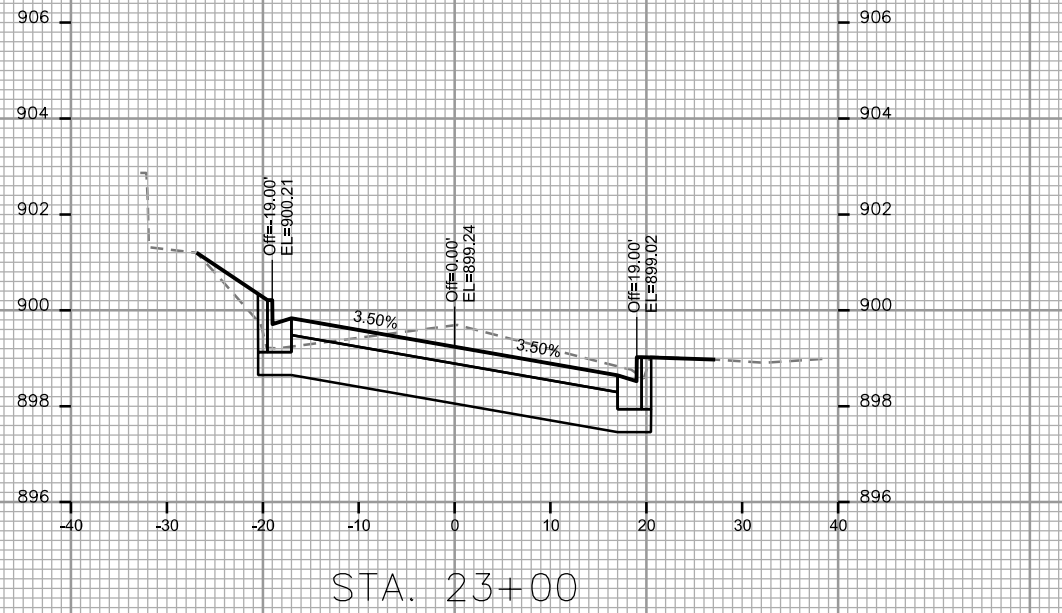
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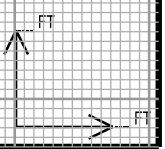
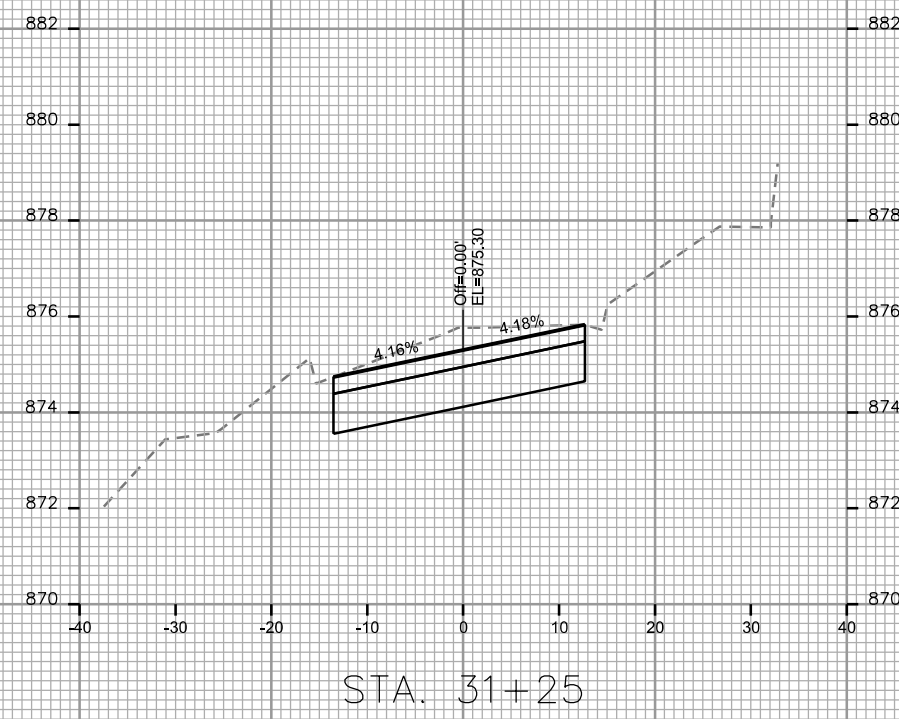
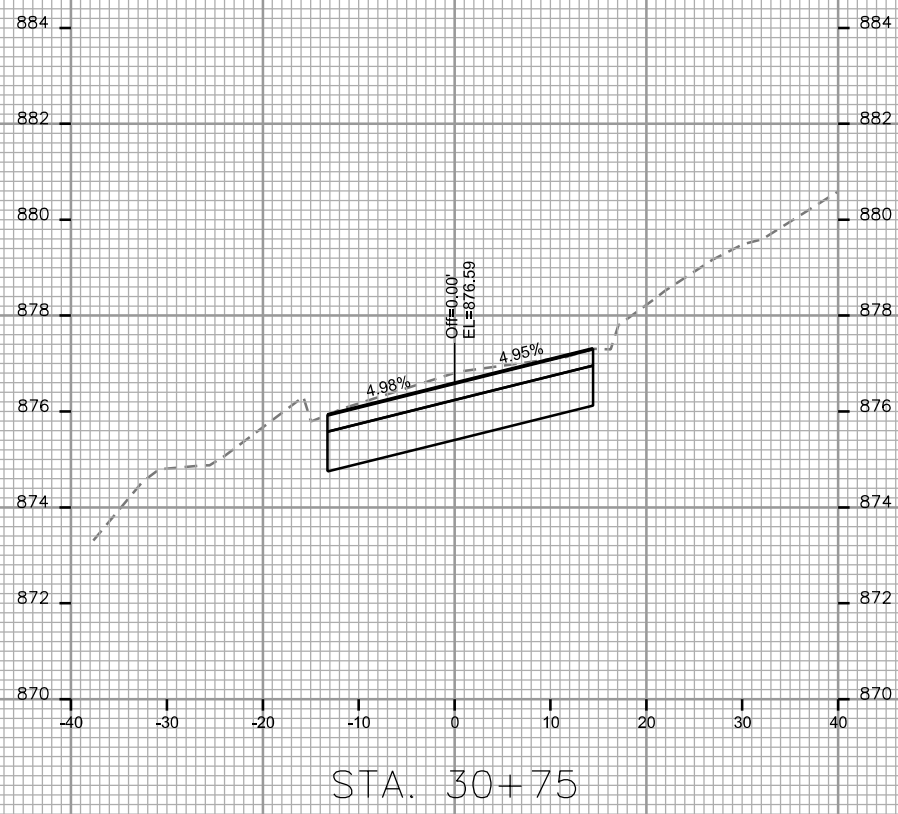
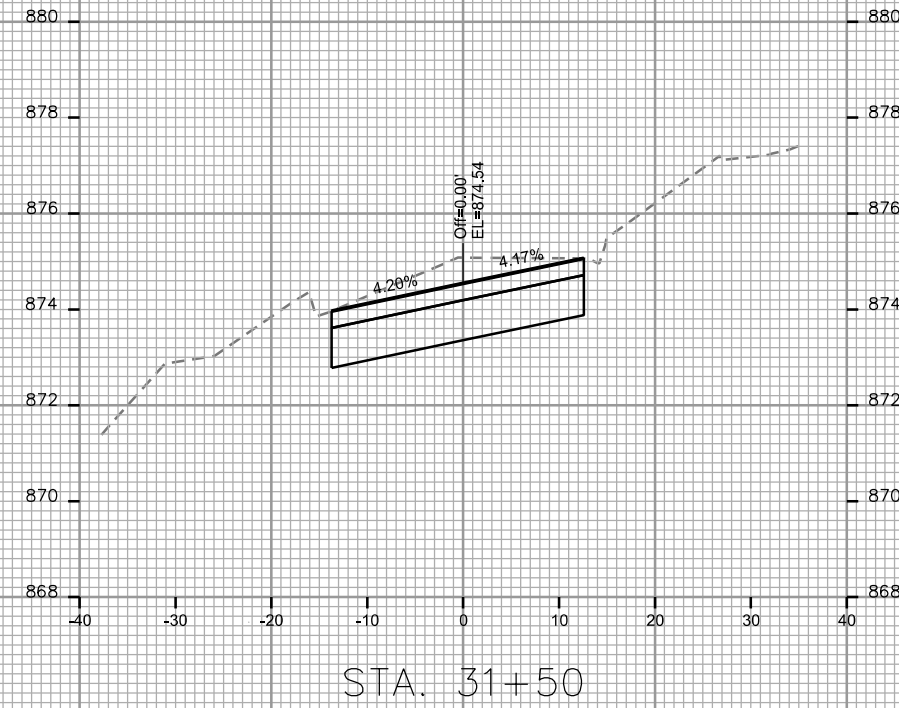
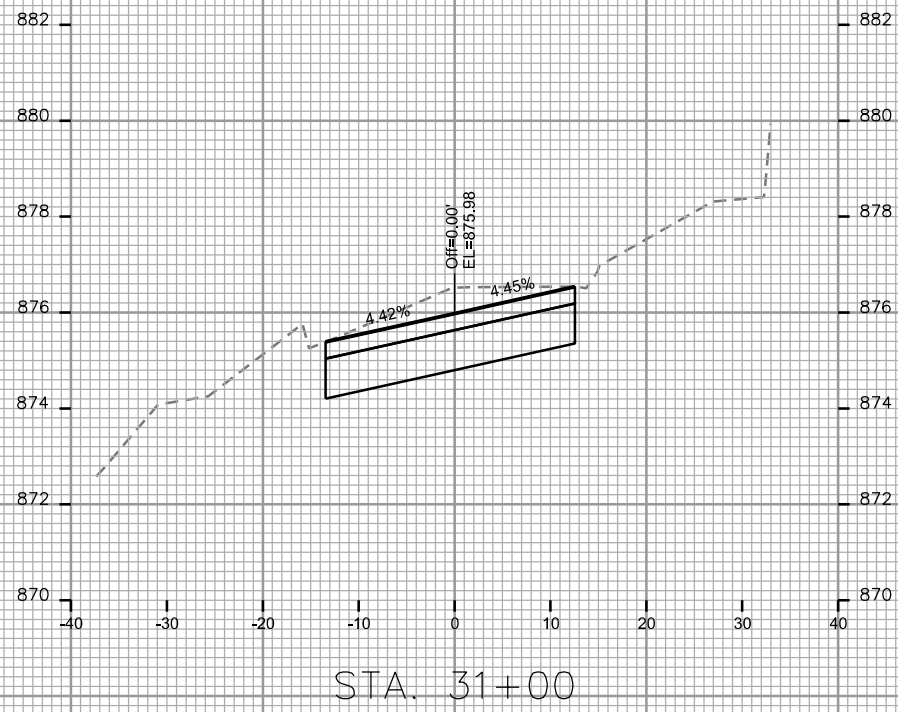
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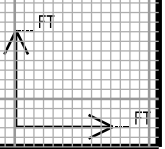
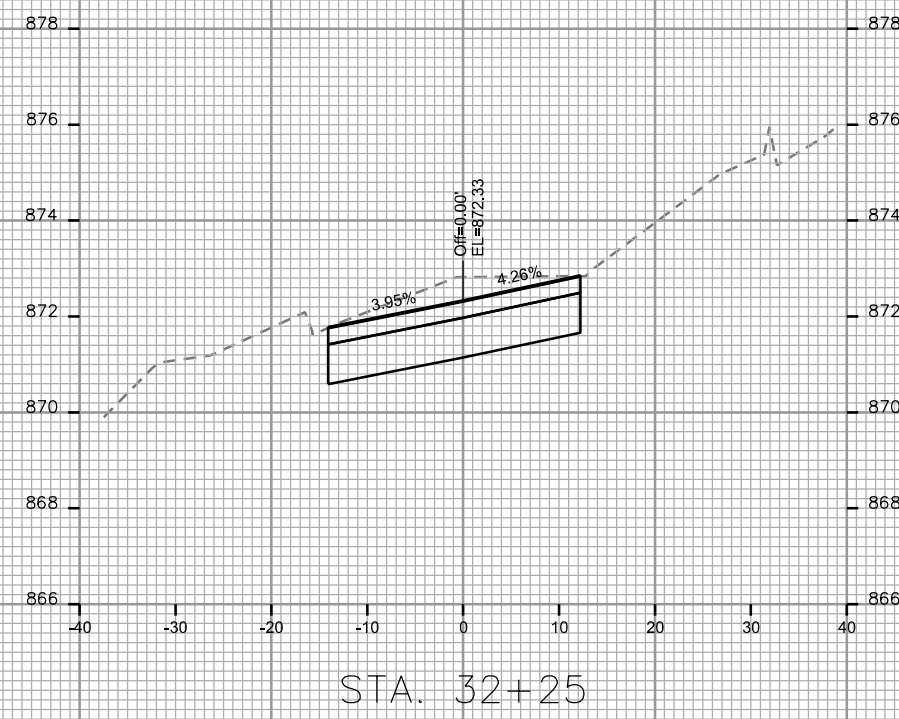
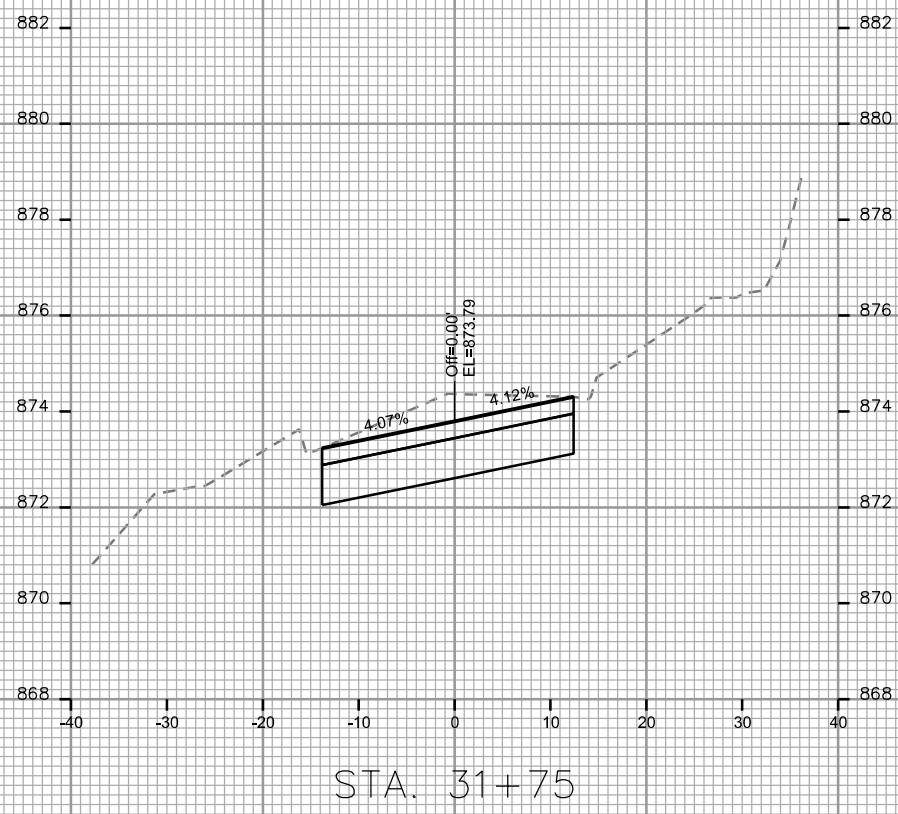
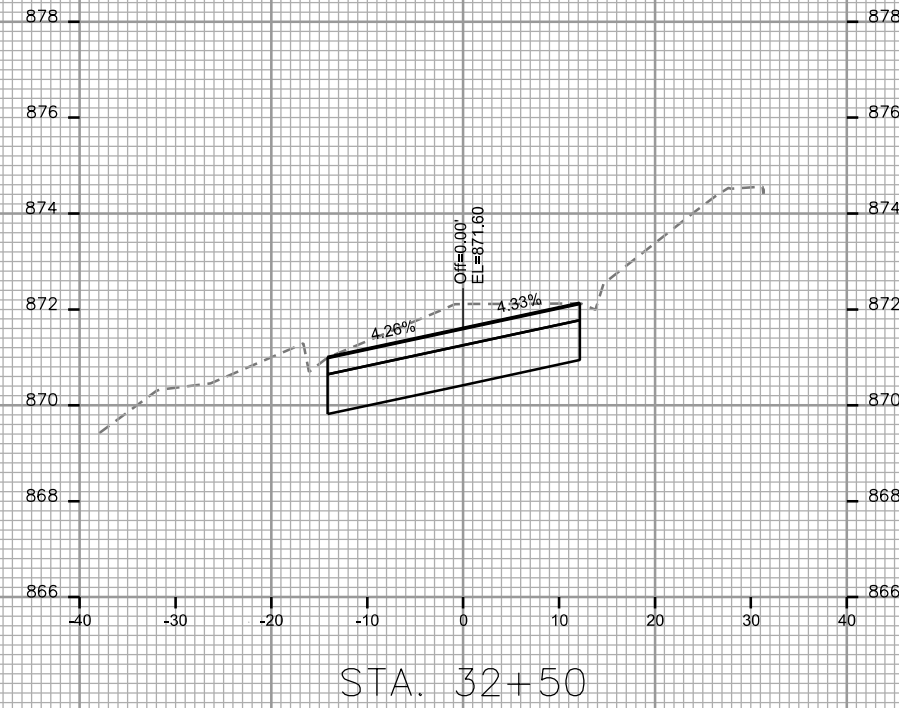
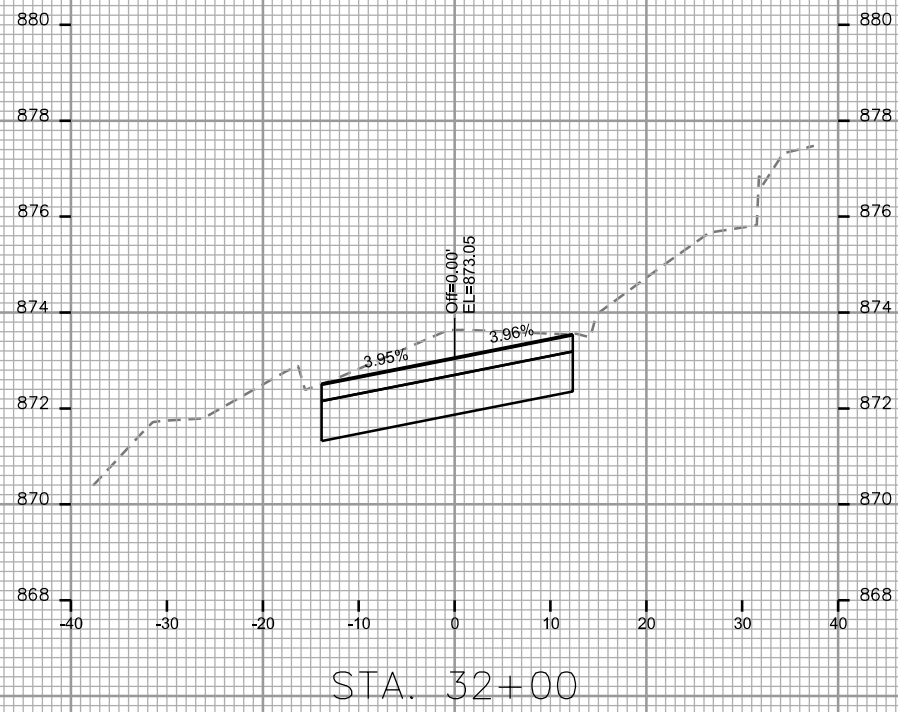
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