

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

WOODS FARM PHASE 1

CITY PROJECT NO. 11581
CITY CONTRACT NO. 7924
MUNIS NO. 11581

PUBLIC IMPROVEMENT PROJECT APPROVED

JULY 11, 2017

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

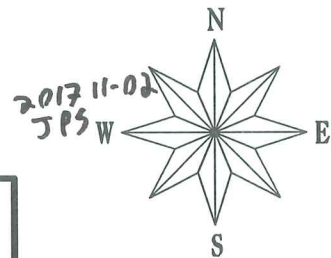
[Signature] 10/6/17
City Engineer Date

INDEX OF SHEETS

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UI-UI2	UTILITIES PLAN AND PROFILES
USAN	SANITARY SEWER SCHEDULE
USTM	STORM SEWER SCHEDULE
WI-W11	WATER PLAN AND PROFILES
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XI-X12	REINER RD CROSS-SECTIONS

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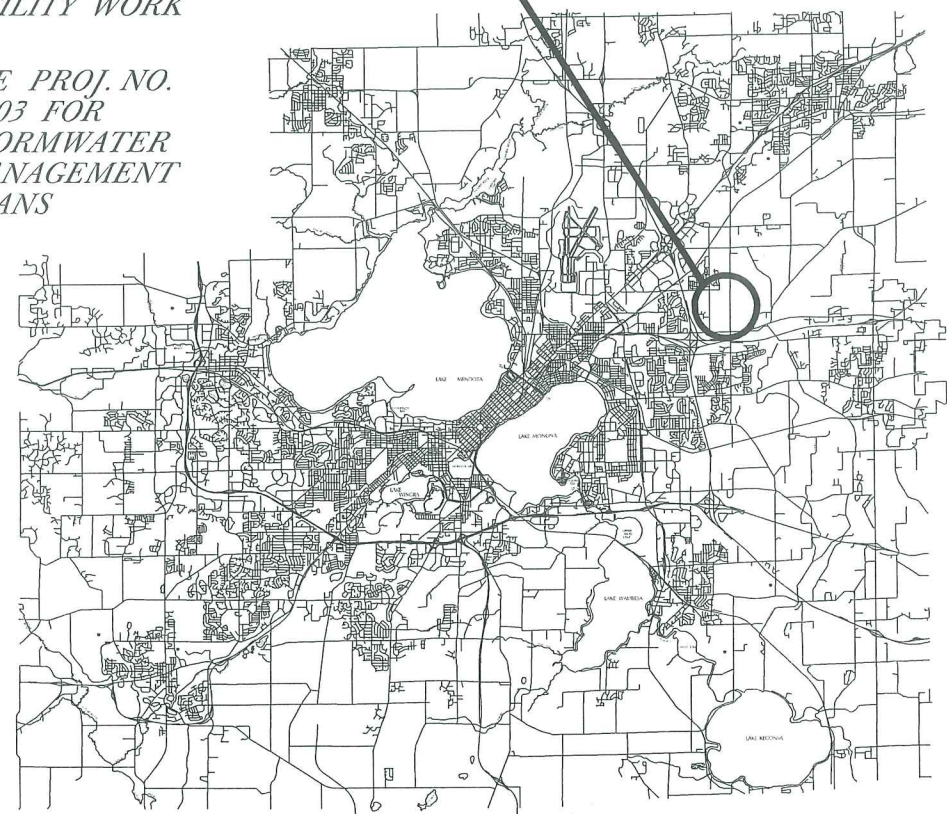
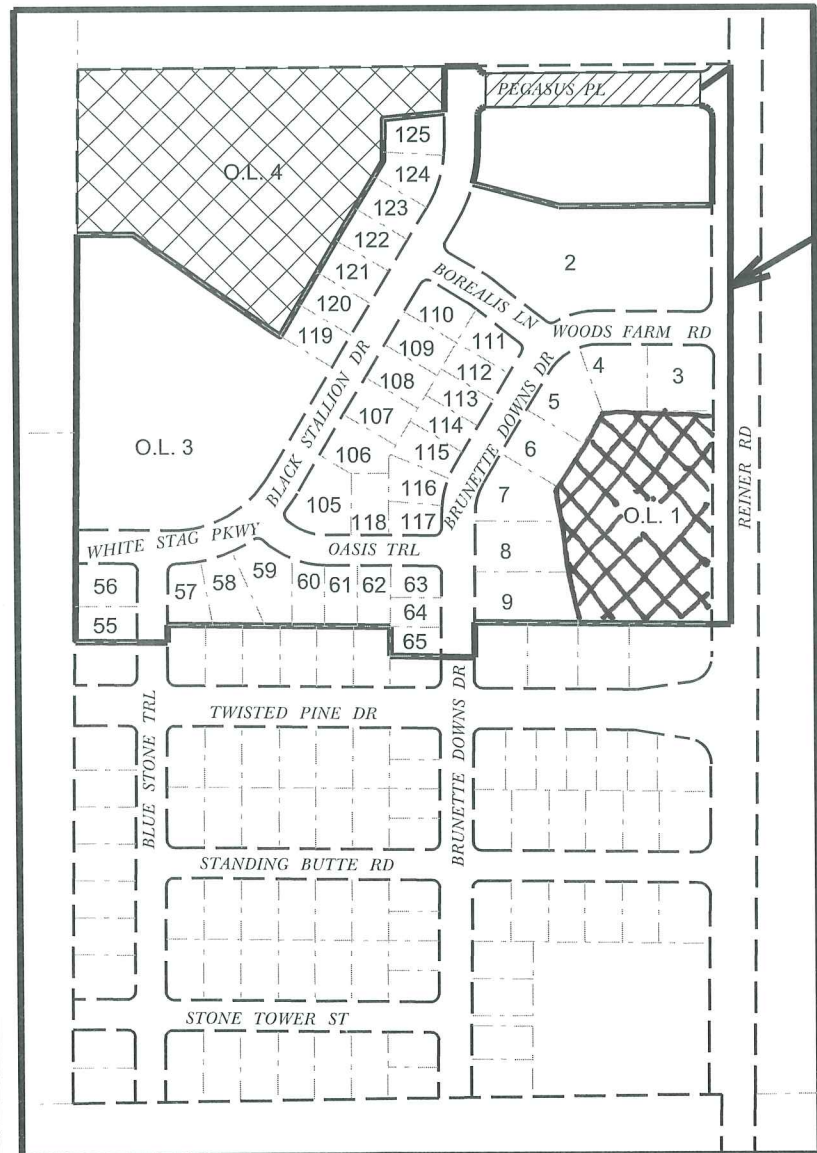
< P14-P16 PATH PLAN AND PROFILES 2017 11-02 JPS



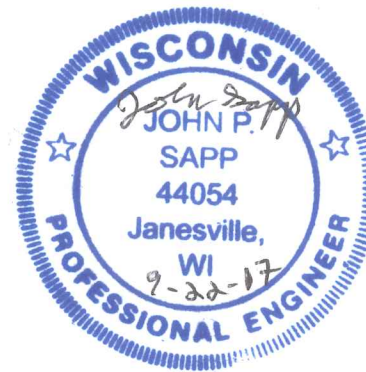
PROJECT LOCATION

= OUT OF PHASE STORM SEWER UTILITY WORK

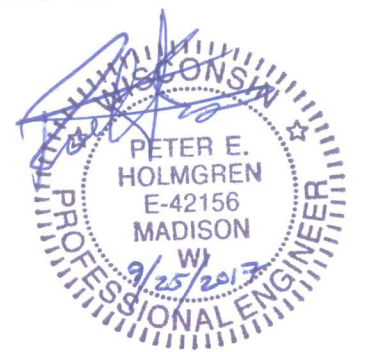
= SEE PROJ. NO. 11703 FOR STORMWATER MANAGEMENT PLANS



STREET GRADES DESIGNED BY:



WATER DESIGNED BY:



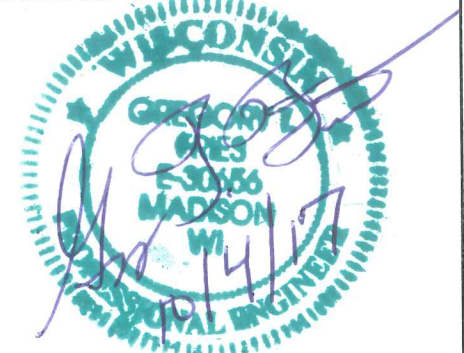
STREET GEOMETRY & PAVEMENT MARKINGS DESIGNED BY:



SANITARY SEWER DESIGNED BY:



STORM SEWER DESIGNED BY:



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

CONTRACTOR/DEVELOPER SHALL SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO THE START OF WORK. WORK WITHIN THE RIGHT-OF-WAY SHALL NOT BEGIN UNTIL THE TRAFFIC CONTROL PLAN IS APPROVED.

ANY PAVEMENT MARKINGS THAT ARE REMOVED OR DAMAGED SHALL BE REPLACED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY CITY TRAFFIC ENGINEERING.

ALL PAVEMENT IN THE BLUE STONE TERRACE, OASIS TRAIL, AND BOREALIS LANE RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE BRUNETTE DOWNS DRIVE, WOODS FARM ROAD, WHITE STAG PARKWAY, AND BLACK STALLION DRIVE RIGHT-OF-WAYS SHALL BE TYPE B PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE REINER ROAD RIGHT-OF-WAY SHALL BE TYPE C PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

UNDERDRAINS SHALL BE INSTALLED, PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADES OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.

CURB STATION AND OFFSETS SHALL BE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE TOP OF CURB (OR EXTENDED TOP OF CURB FOR DRIVEWAYS OR RAMPS) UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS 

STORM SEWER 

SANITARY SEWER 

WATER 

OVERHEAD ELECTRIC 

POWER POLE 

ADA COMPLIANT RAMP W/
DETECTABLE WARNING FIELD 

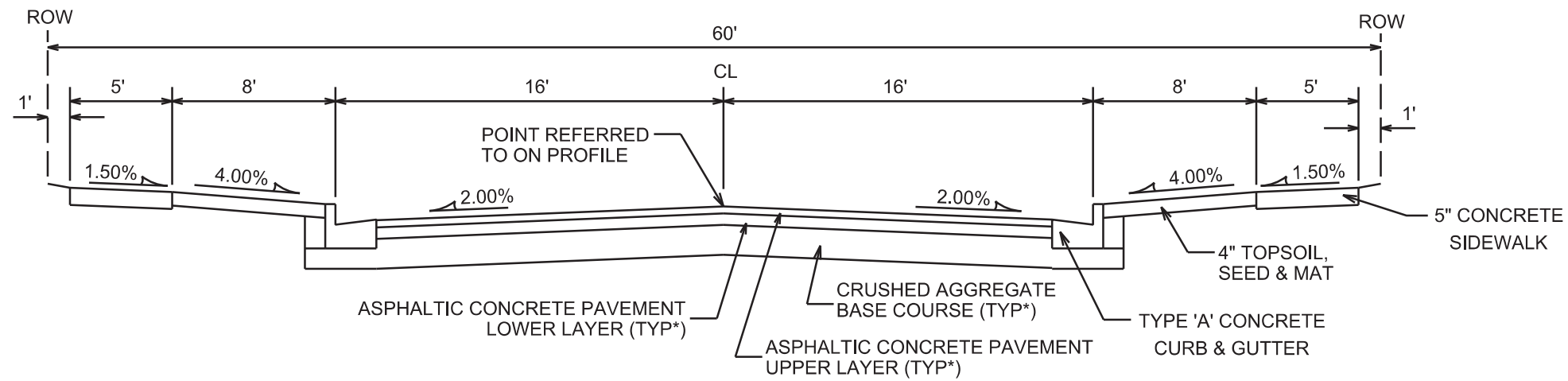
COMBUSTIBLE FLUIDS 

PLOT SCALE:

PLOT NAME:

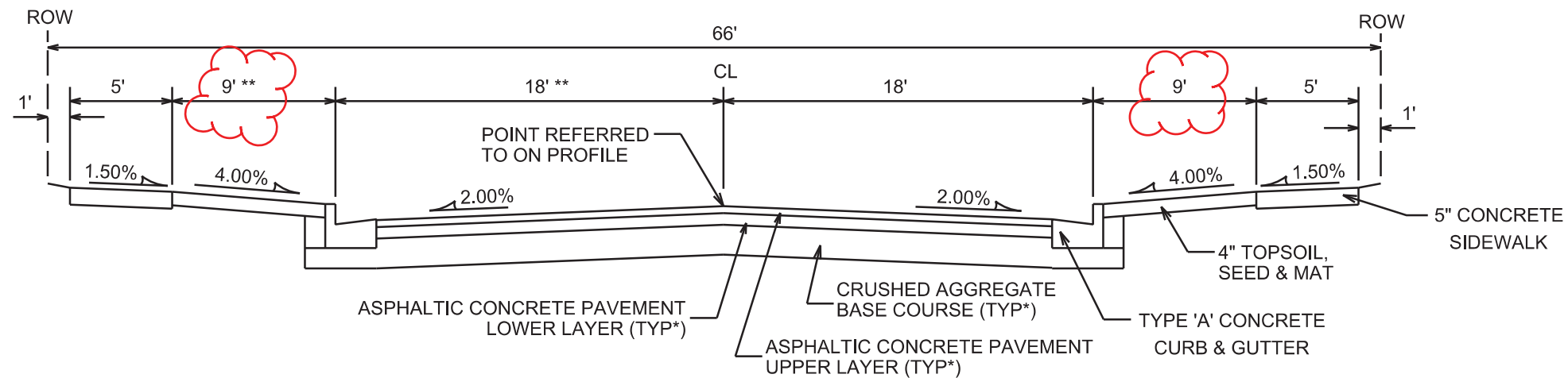
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



TYPICAL SECTION

BLUE STONE TERRACE
OASIS TRAIL
NOT TO SCALE



TYPICAL SECTION

WHITE STAG PARKWAY/BLACK STALLION DRIVE**
BRUNETTE DOWNS DRIVE/WOODS FARM ROAD
BOREALIS LANE
NOT TO SCALE

CITY OF MADISON MINIMUM PAVEMENT DESIGN

TYPE	CRUSHED AGG. BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	TYPE	THICKNESS	TYPE	THICKNESS
A	6"	4"	E-0.3	1.75"	E-0.3	1.75"
B	6"	4"	E-1	2.25"	E-1	2"
C	6"	4"	E-3	3.25"	E-3	2"

NOTES:

* BLUE STONE TERRACE, BOREALIS LANE, AND OASIS TRAIL TO BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN.
WHITE STAG PARKWAY/BLACK STALLION DRIVE AND BRUNETTE DOWNS DRIVE/WOODS FARM ROAD TO BE CONSTRUCTED AS TYPE 'B' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN.

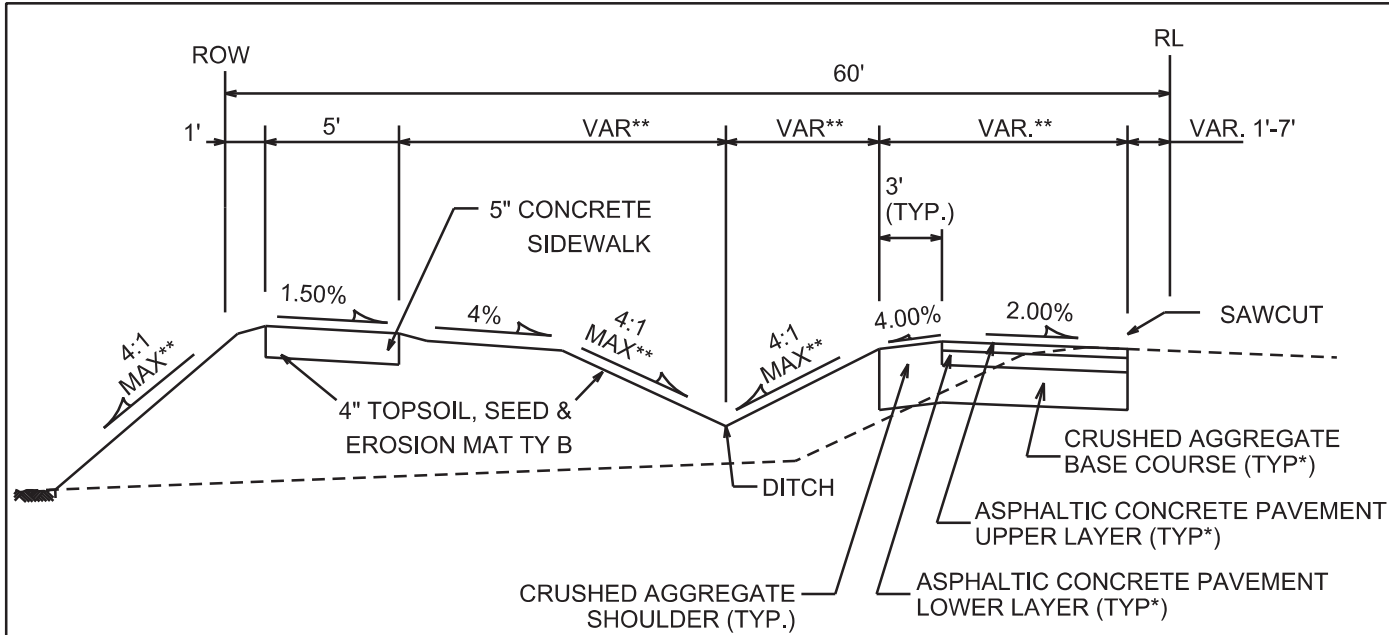
** INSTALL CURB BUMPOUTS PER PLAN ON WHITE STAG PARKWAY/BLACK STALLION DRIVE.

PLOT SCALE: _____

PLOT NAME: _____

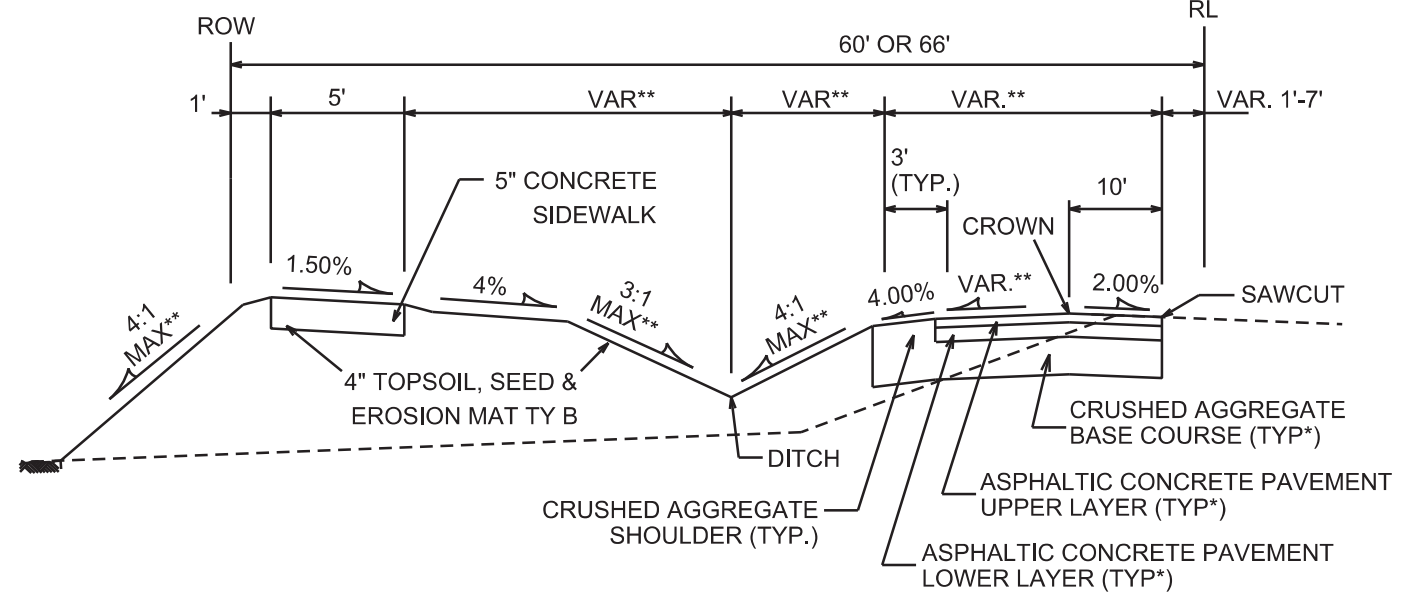
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



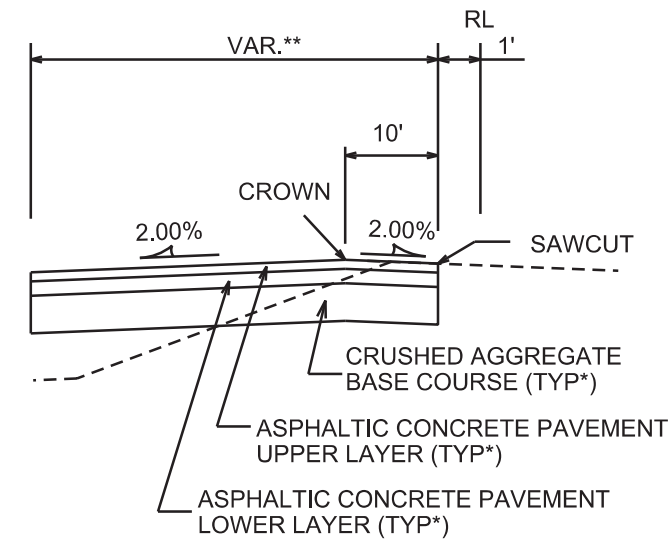
TYPICAL SECTION

REINER RD
STA 46+00 TO 51+25;
STA 54+25 TO 54+94



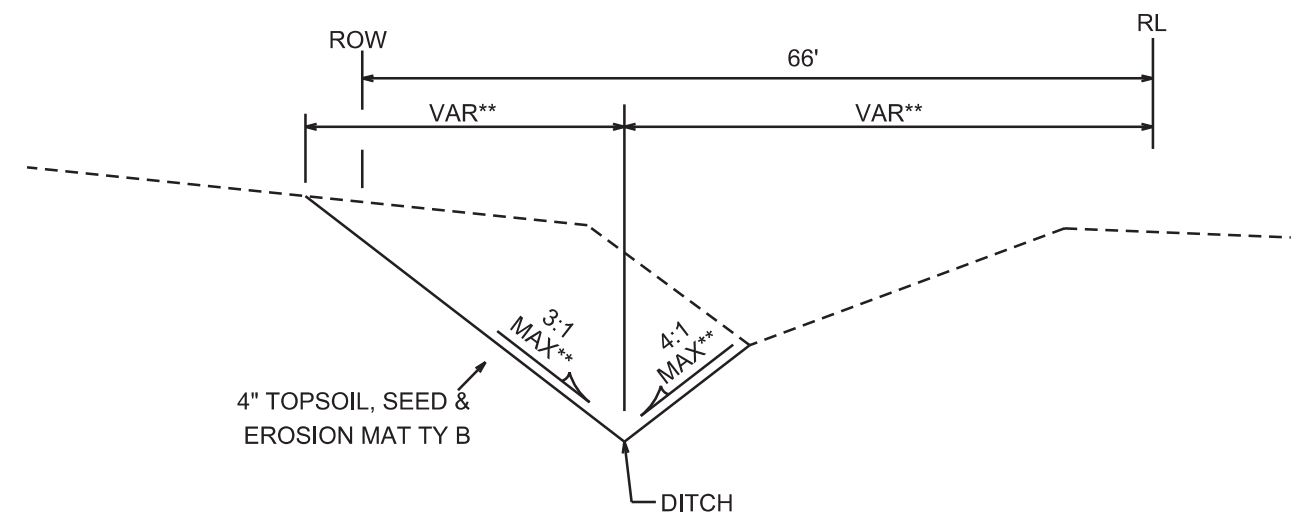
TYPICAL SECTION

REINER RD
STA 51+25 TO 51+97;
STA 53+03 TO 54+25



TYPICAL SECTION

REINER RD
STA 51+97 TO 53+03;



TYPICAL SECTION

REINER RD
STA 54+25 TO STA 57+75

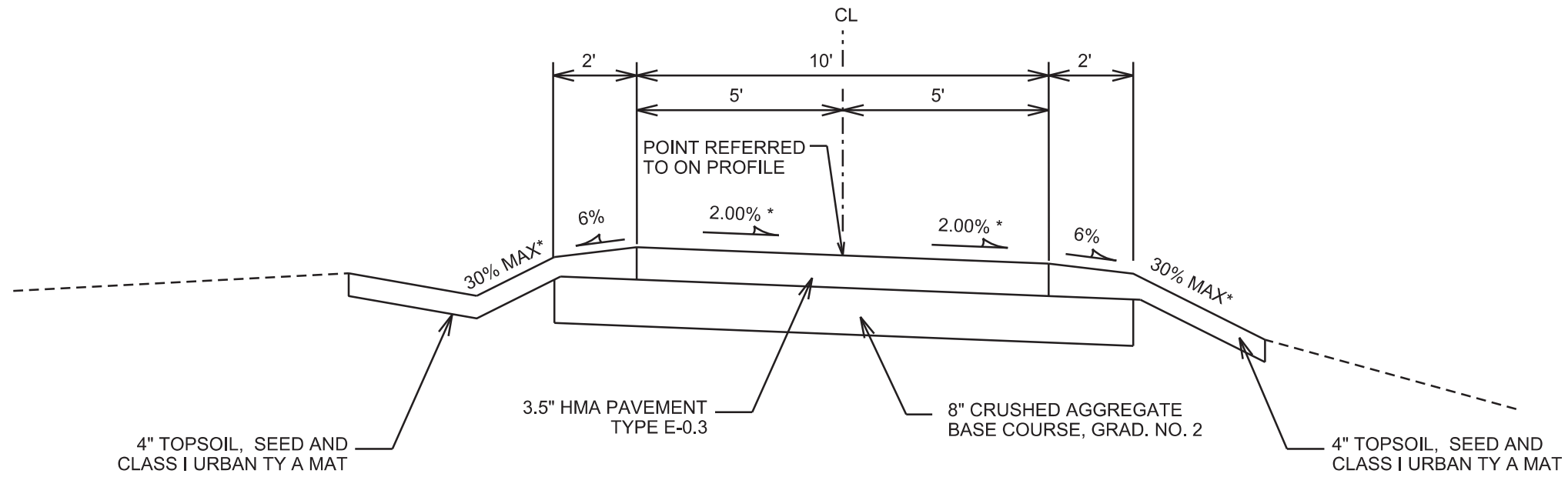
CITY OF MADISON MINIMUM PAVEMENT DESIGN

TYPE	CRUSHED AGG. BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	TYPE	THICKNESS	TYPE	THICKNESS
A	6"	4"	E-0.3	1.75"	E-0.3	1.75"
B	6"	4"	E-1	2.25"	E-1	2"
C	6"	4"	E-3	3.25"	E-3	2"

NOTES:

- * REINER ROAD TO BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN
- ** SEE CROSS SECTIONS FOR OFFSETS, ELEVATIONS, AND SLOPES

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



TYPICAL SECTION

OL 3 & 4 PATH

NOTES:

* SEE CROSS-SECTIONS FOR OFFSETS, ELEVATIONS AND SLOPES

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

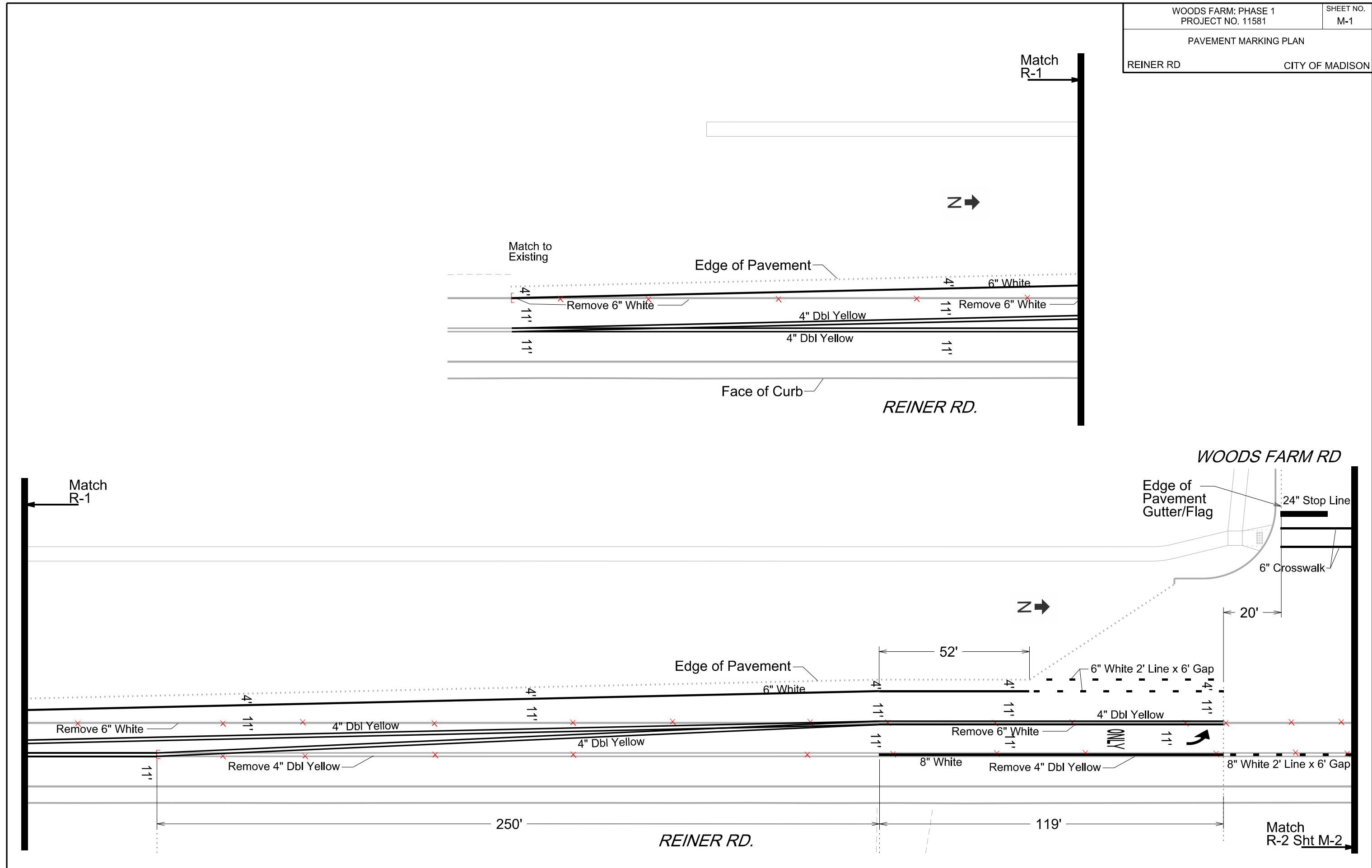
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PAVEMENT MARKING PLAN

REINER RD

CITY OF MADISON

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



PAVEMENT MARKING PLAN

REINER RD

CITY OF MADISON

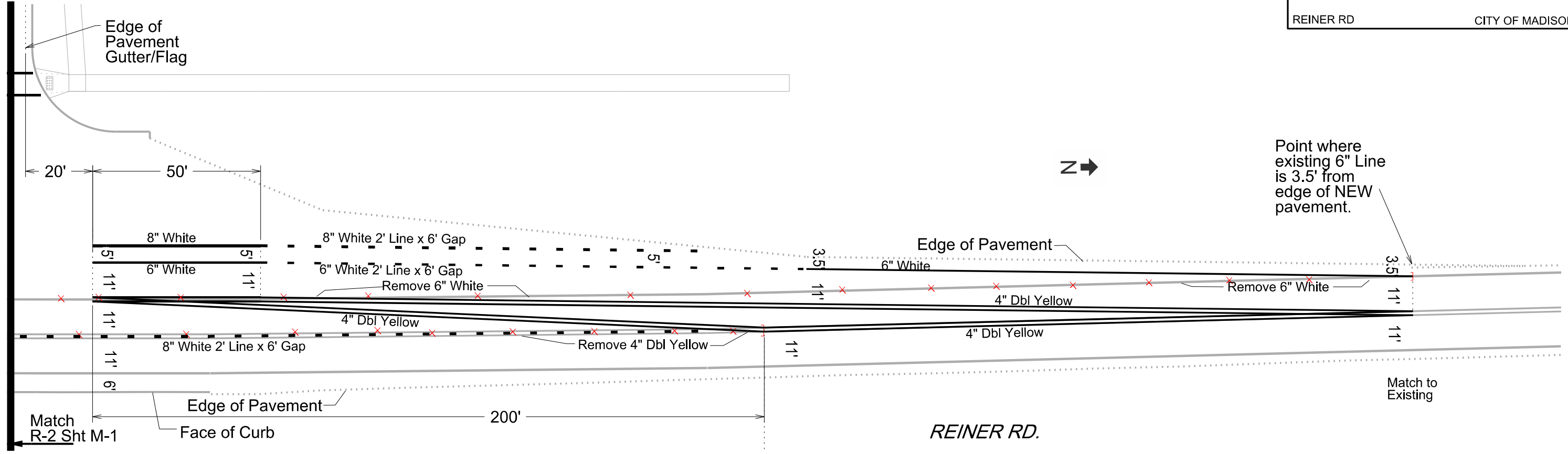
WOODS FARM RD

PLOT SCALE:

PLOT NAME:

REV. DATE:

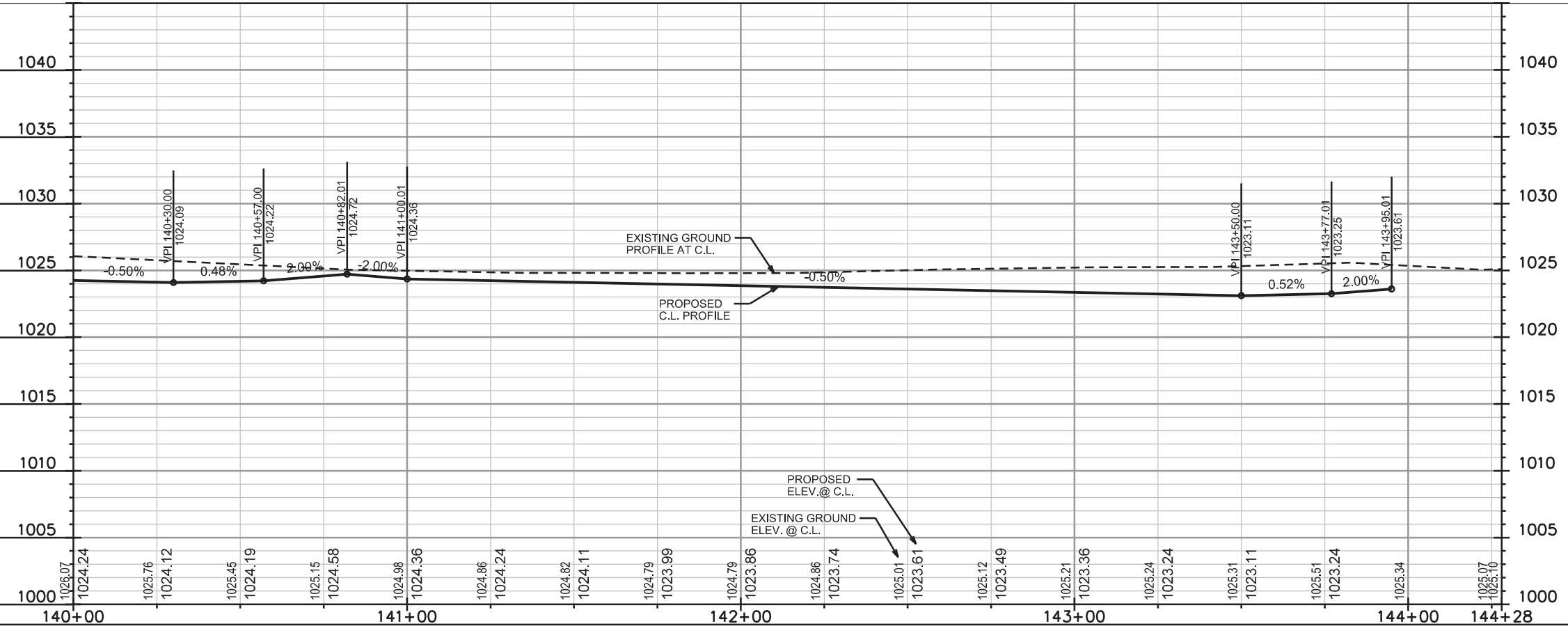
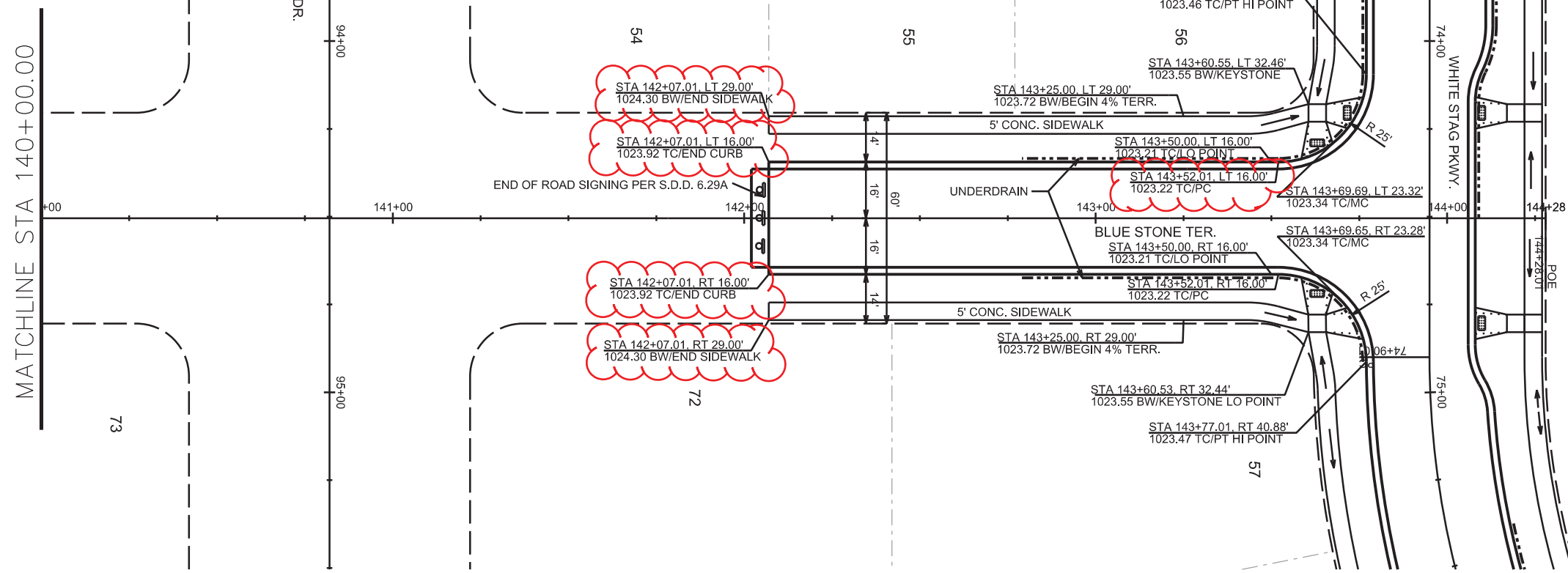
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



PLAN AND PROFILE

BLUE STONE TER. CITY OF MADISON

REV. 2017 11-02 JPS



PLOT SCALE: _____

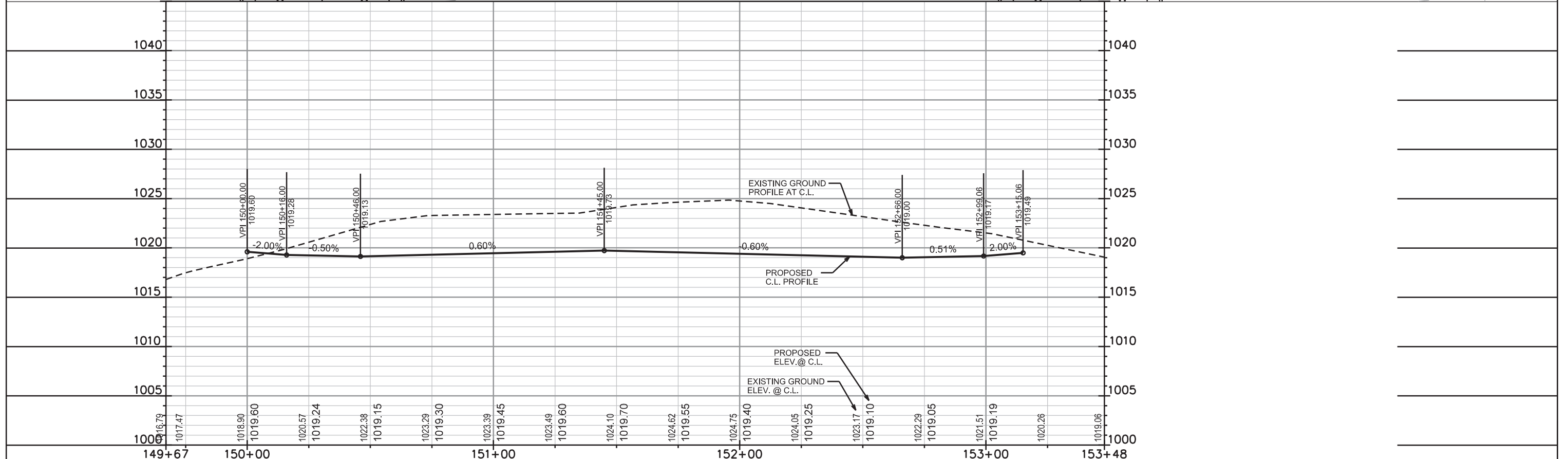
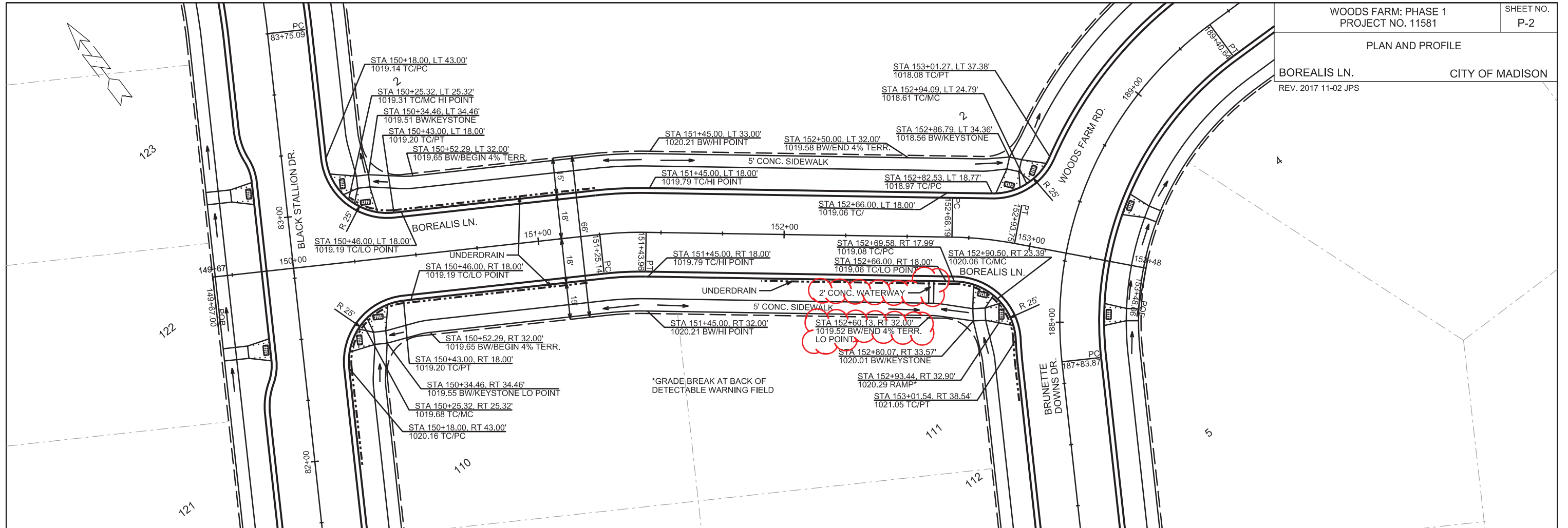
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

BOREALIS LN. CITY OF MADISON
REV. 2017 11-02 JPS



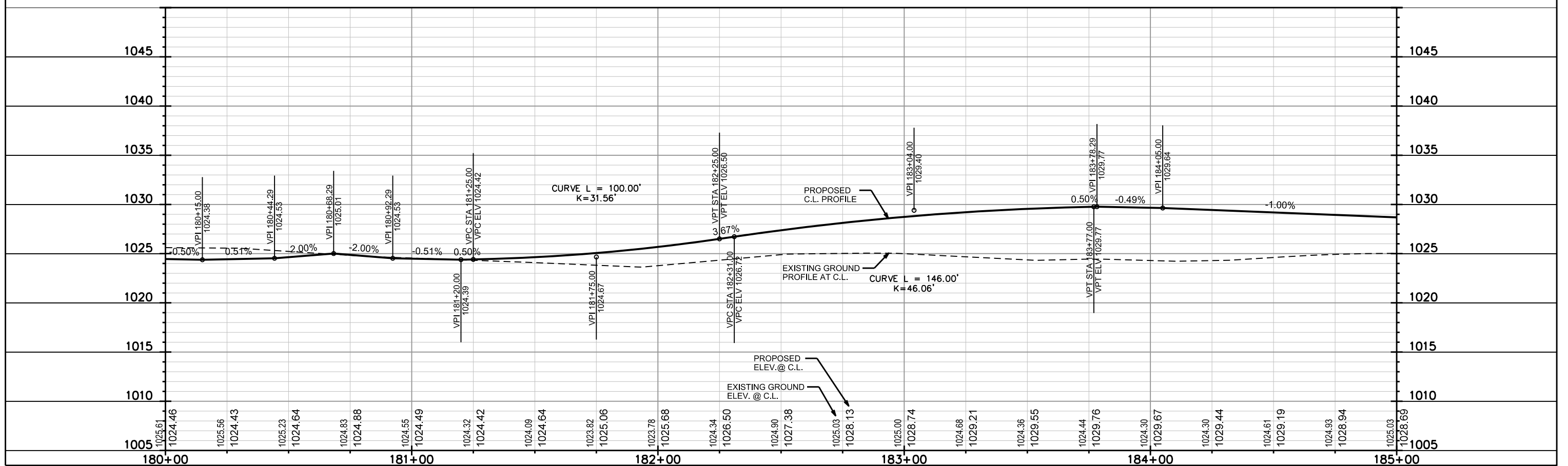
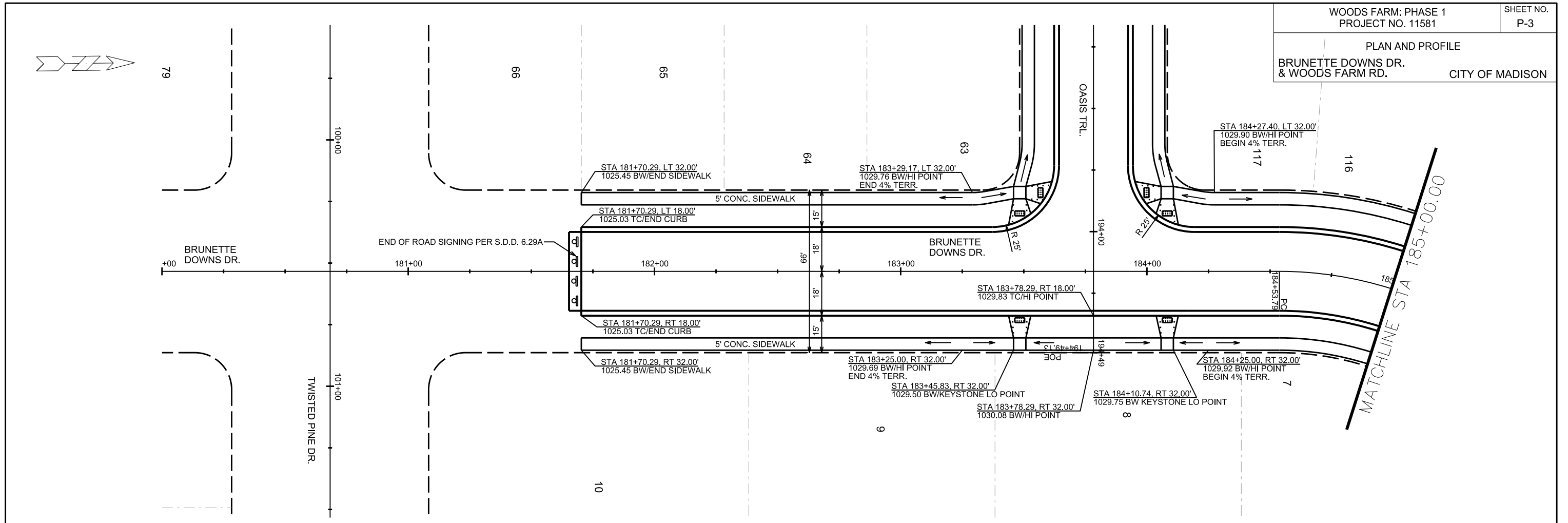
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
BRUNETTE DOWNS DR.
& WOODS FARM RD.
CITY OF MADISON



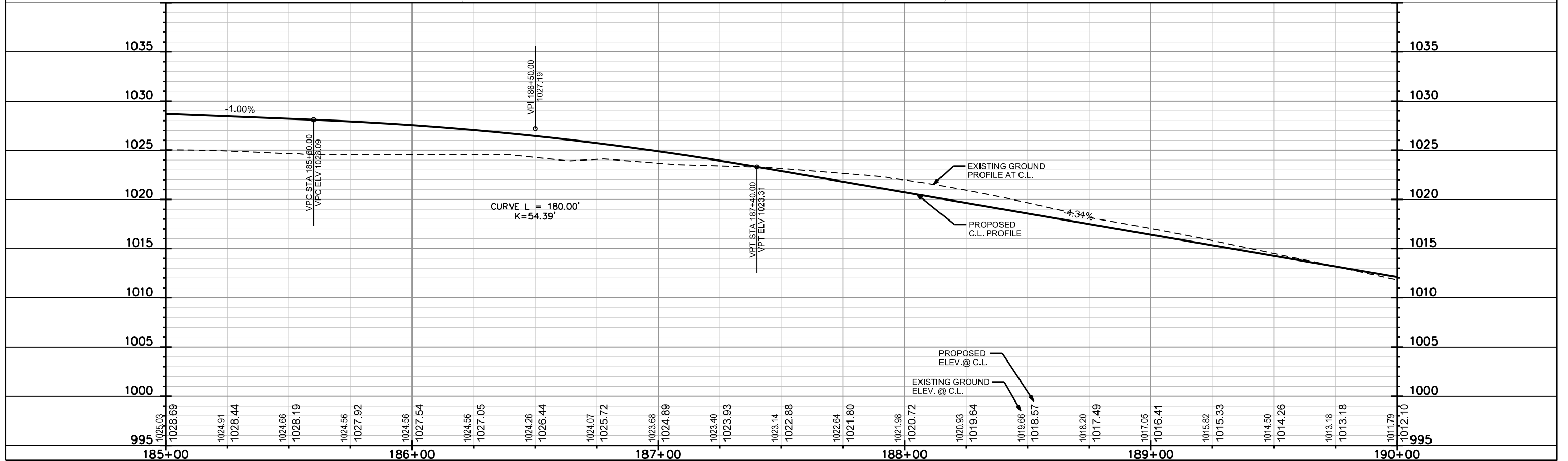
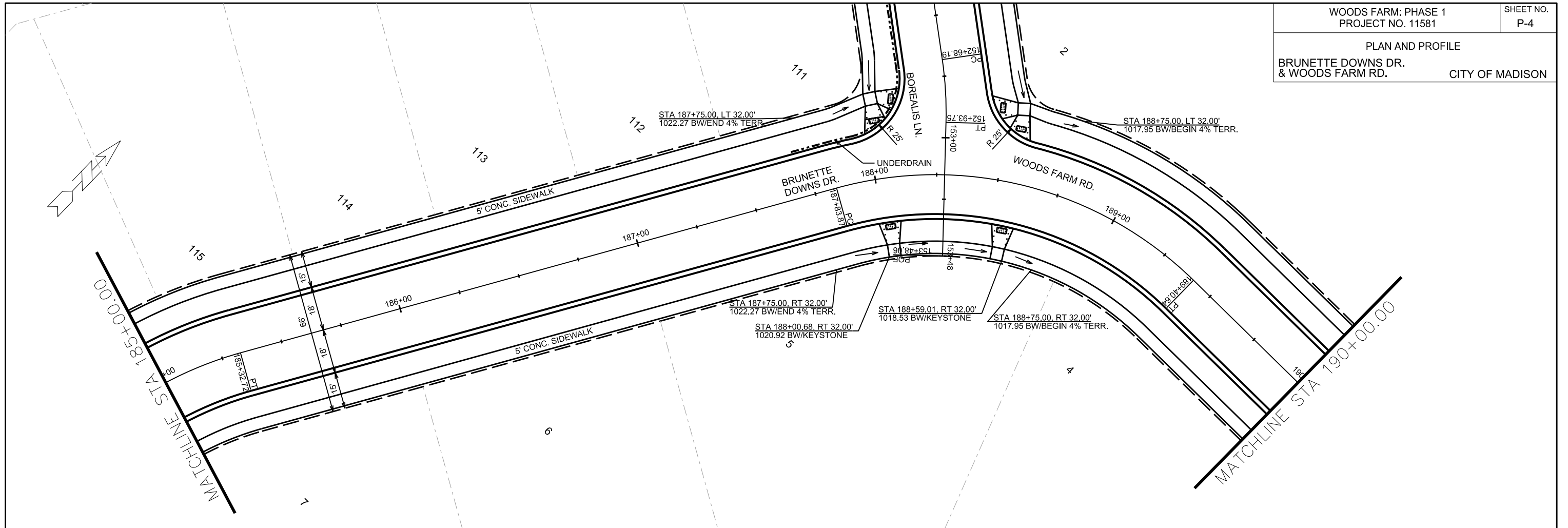
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PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
BRUNETTE DOWNS DR.
& WOODS FARM RD. CITY OF MADISON



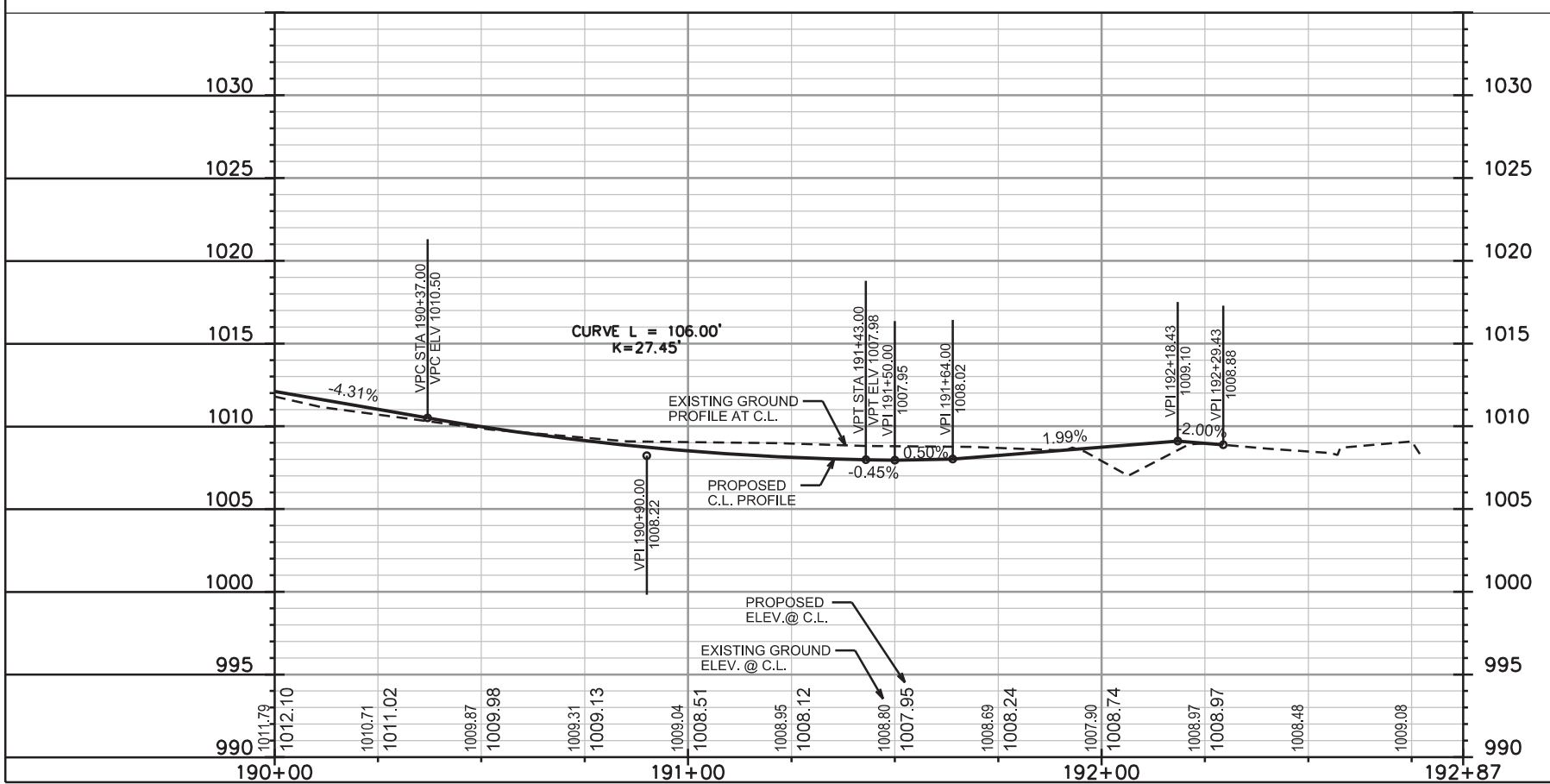
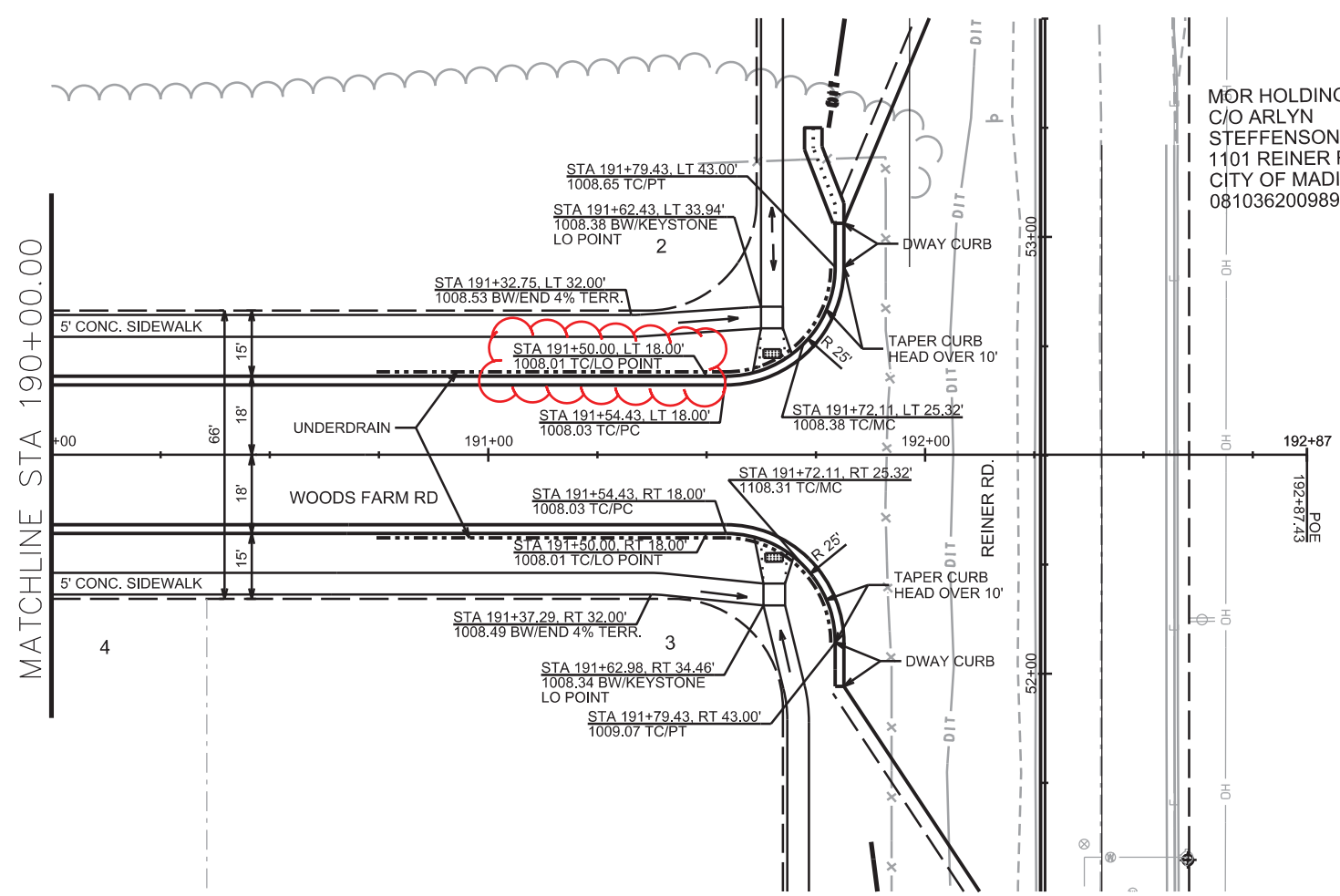
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

MOR HOLDINGS LLC
C/O ARLYN
STEFFENSON
1101 REINER RD
CITY OF MADISON
081036200989



PLOT SCALE: _____

PLOT NAME: _____

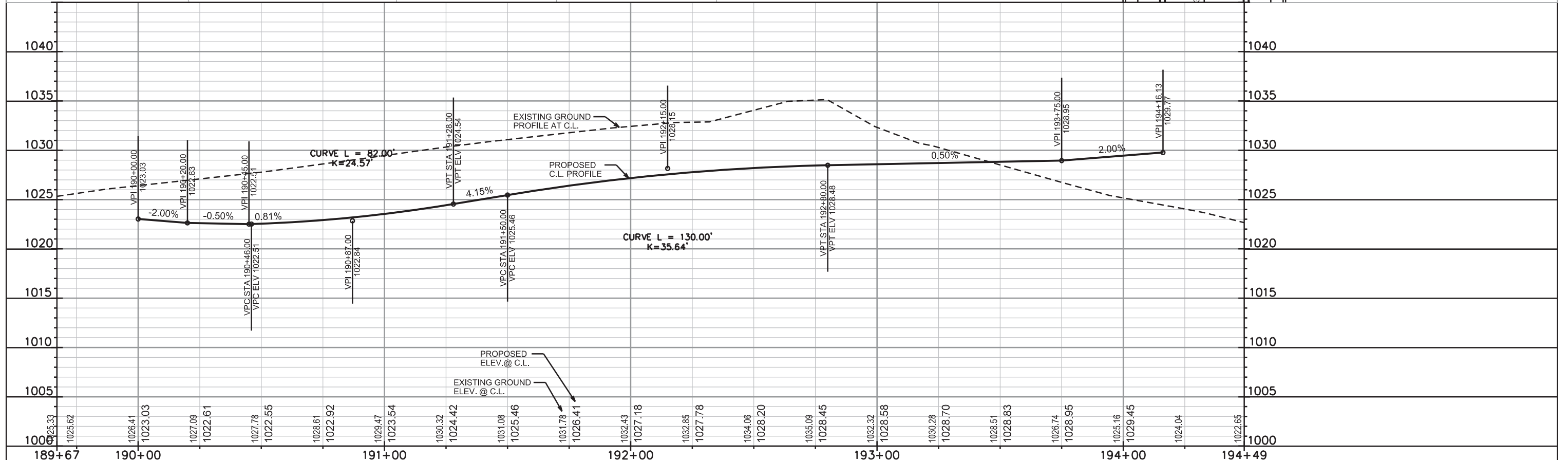
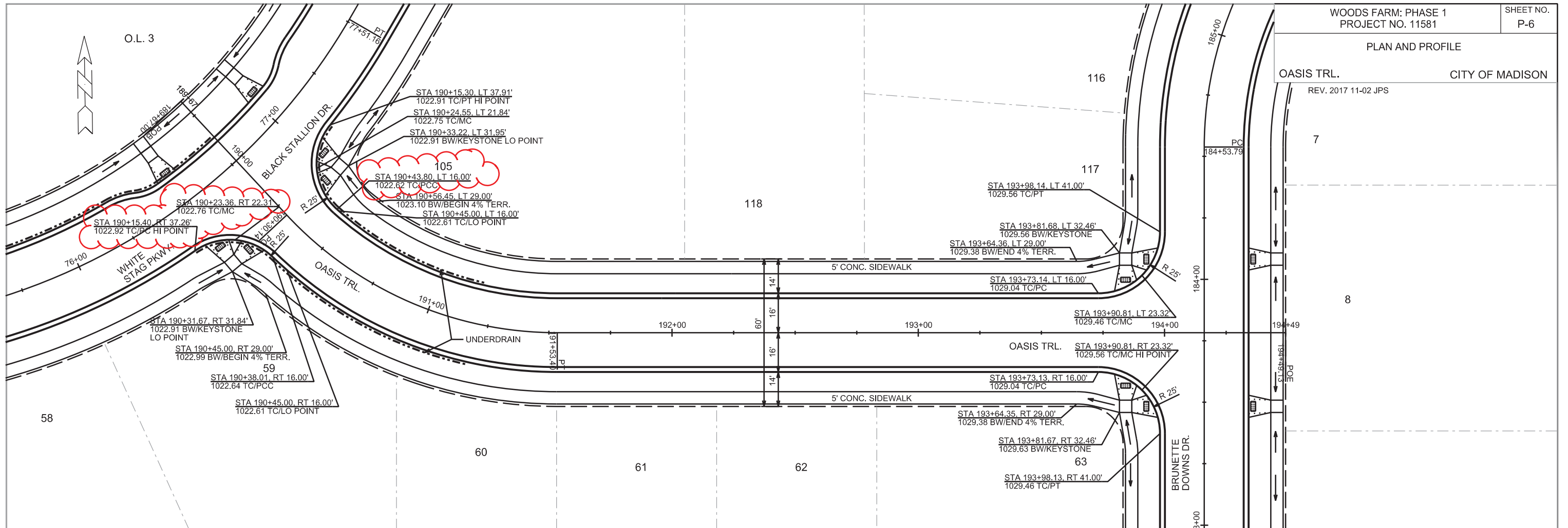
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

OASIS TRL. CITY OF MADISON

REV. 2017 11-02 JPS



PLOT SCALE: _____

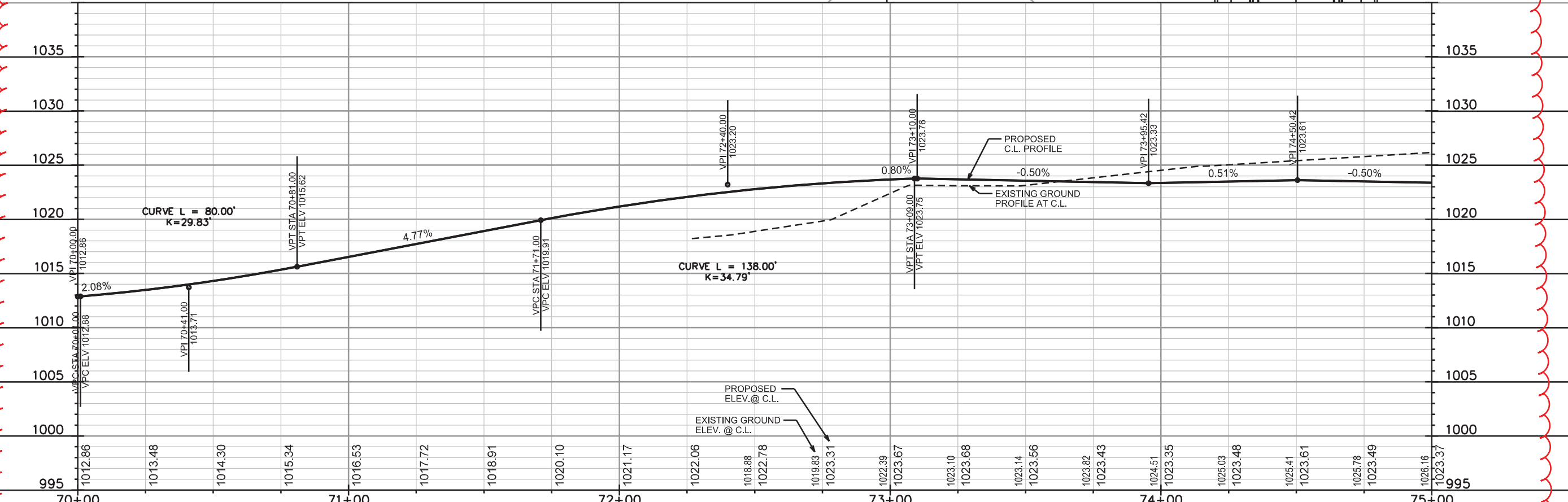
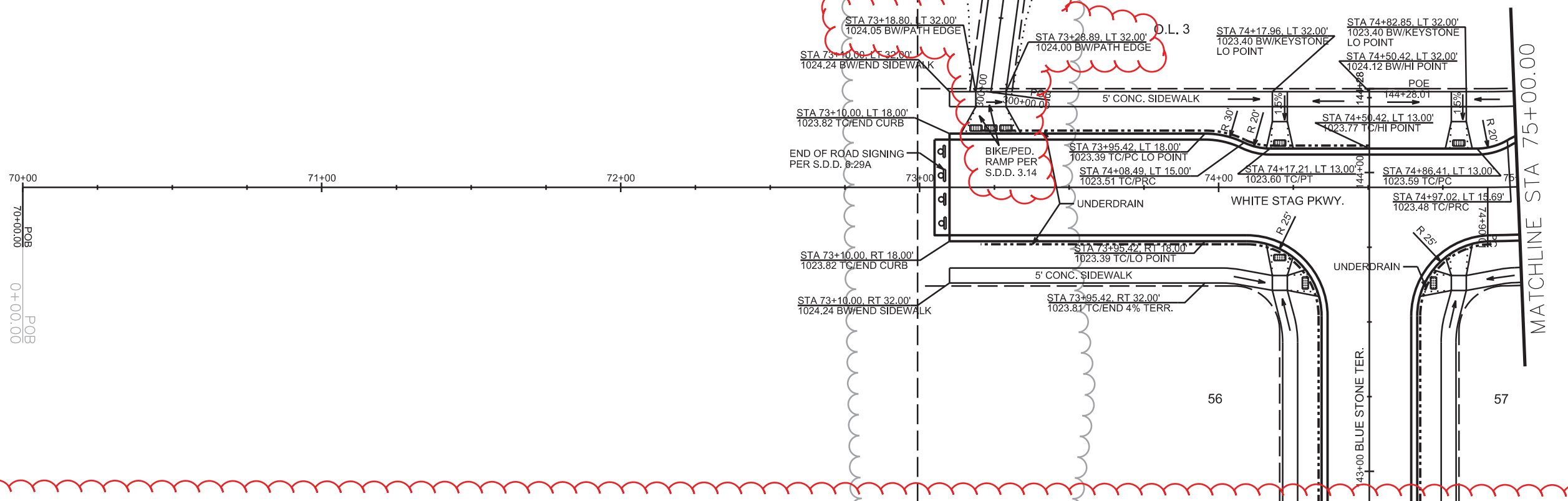
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
WHITE STAG PKWY.
& BLACK STALLION DR. CITY OF MADISON
REV. 2017 11-02 JPS

DUNCAN R CAMPBELL
& LORI A CAMPBELL
4908 FELLAND RD
TOWN OF BURKE
081035193000



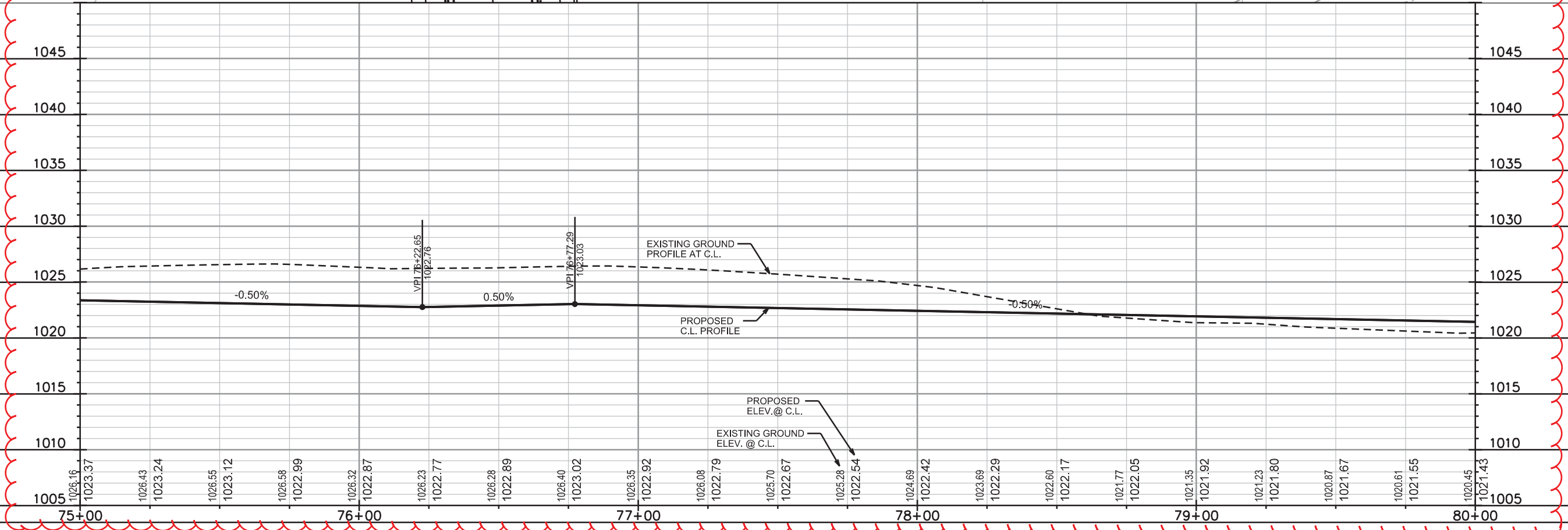
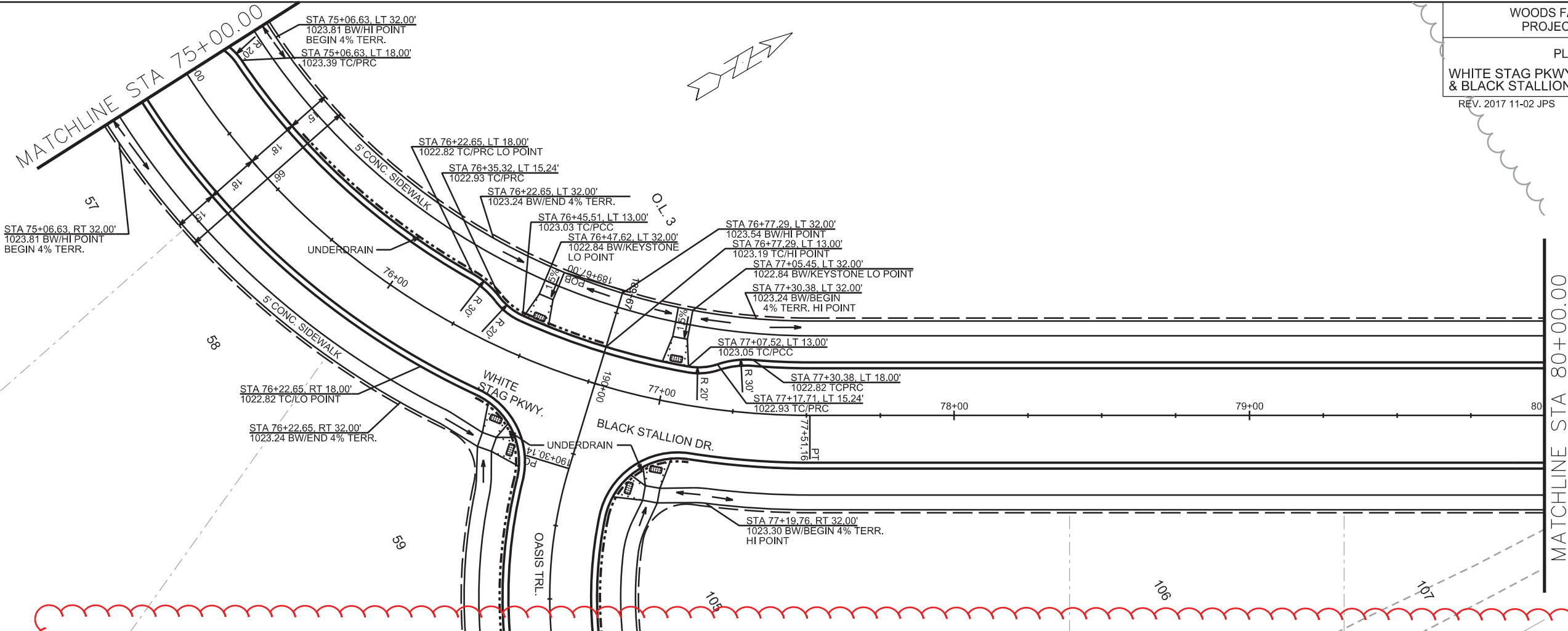
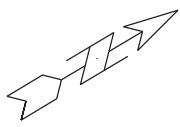
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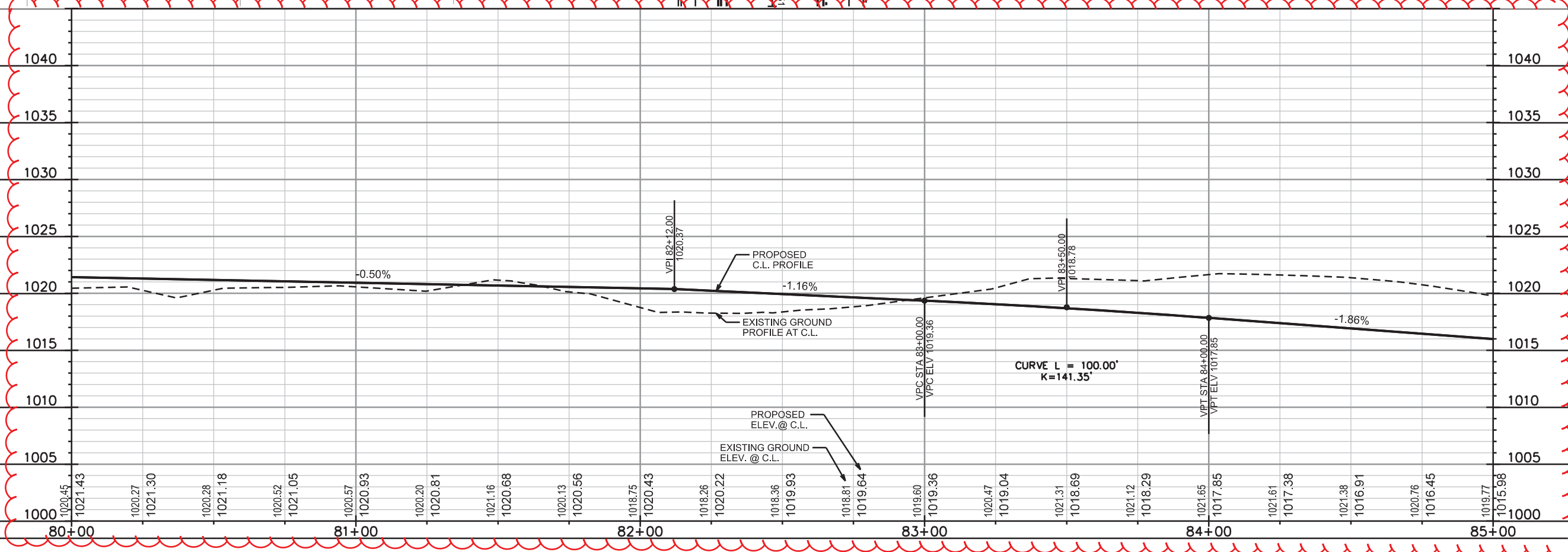
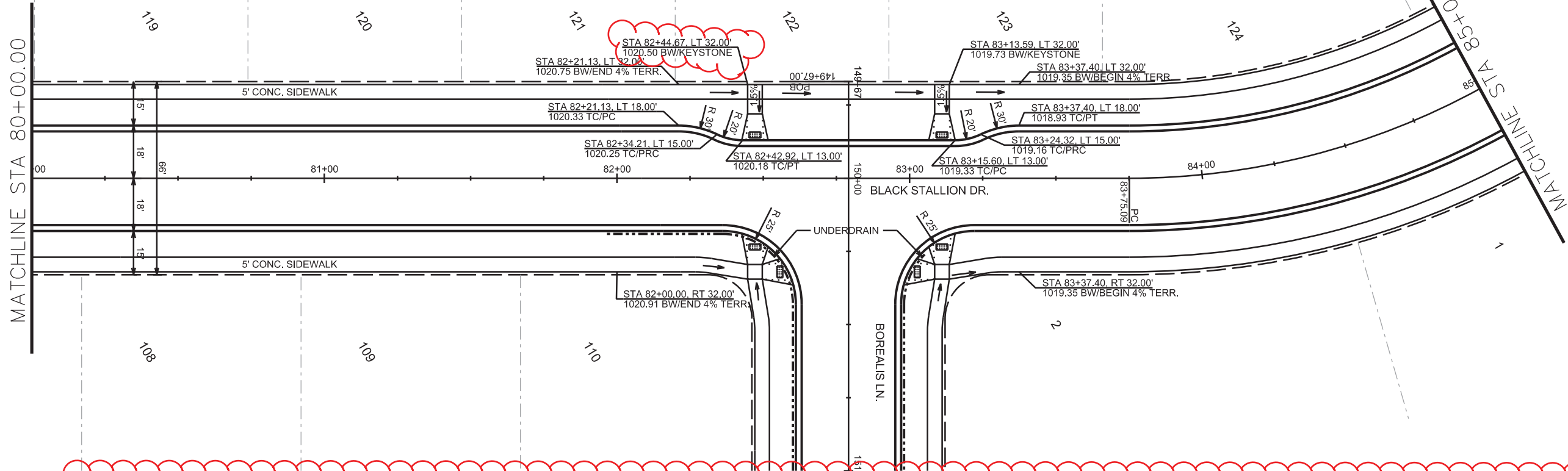
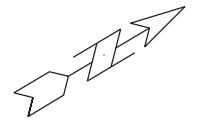
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
WHITE STAG PKWY.
& BLACK STALLION DR. CITY OF MADISON
REV. 2017 11-02 JPS



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PLOT NAME: _____
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

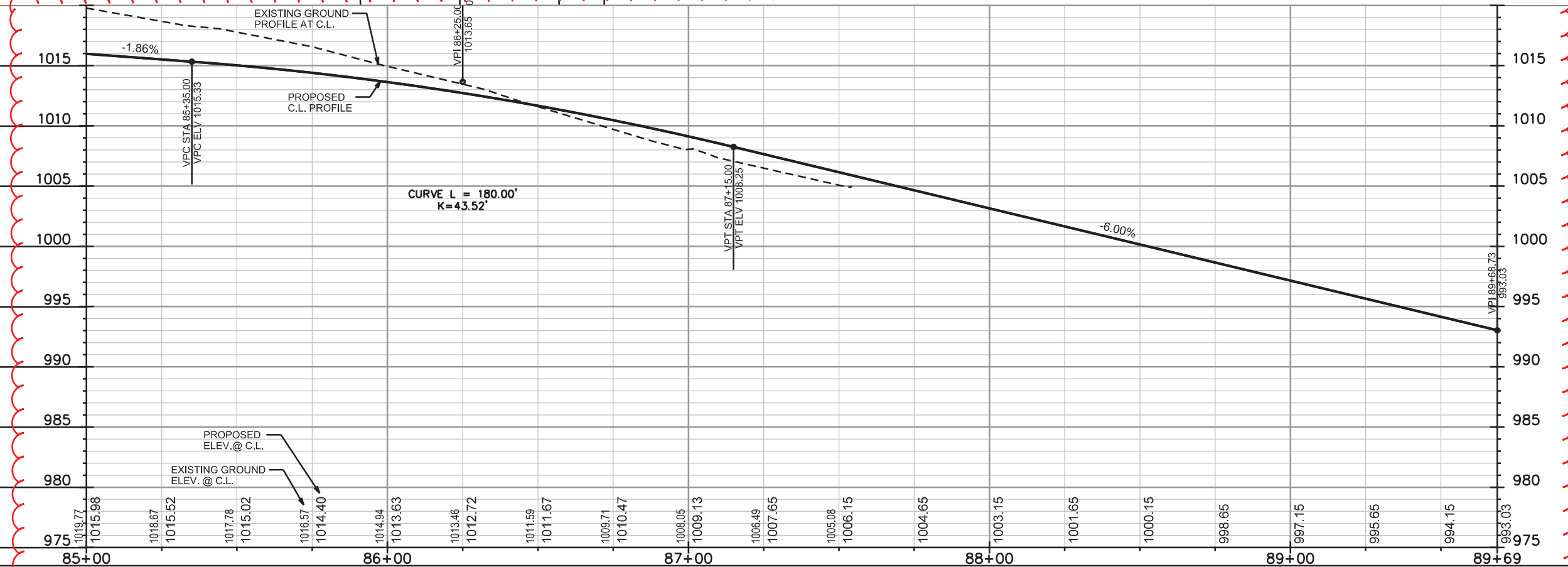
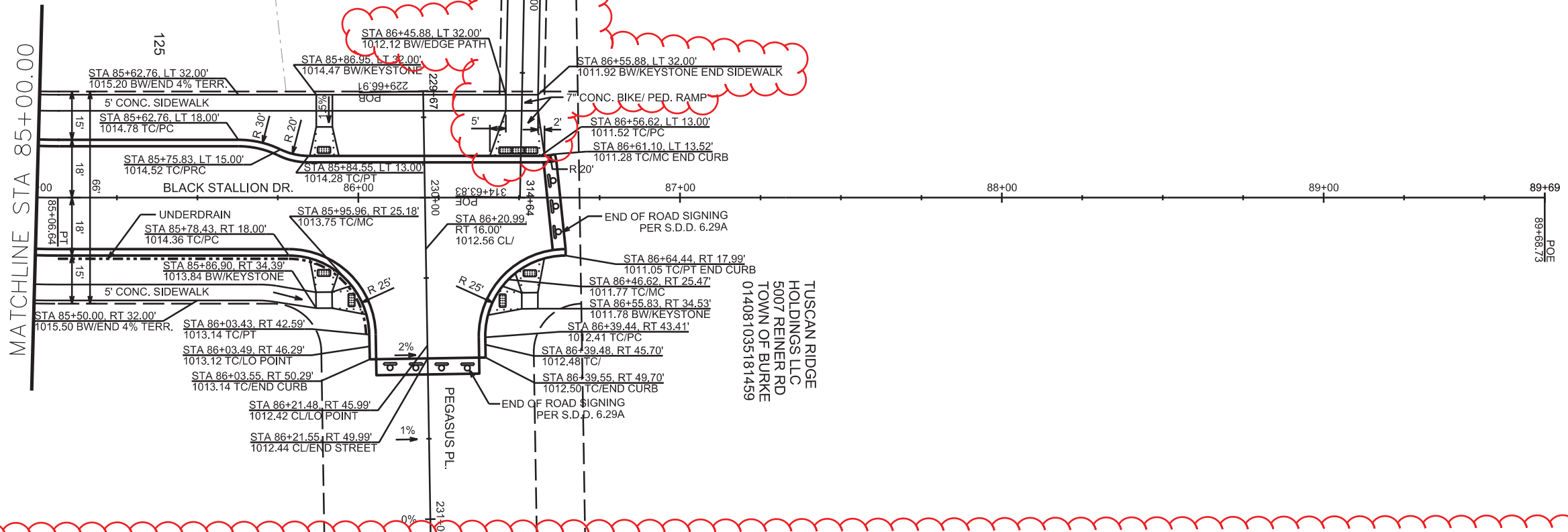
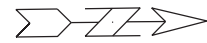


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PLOT NAME: _____

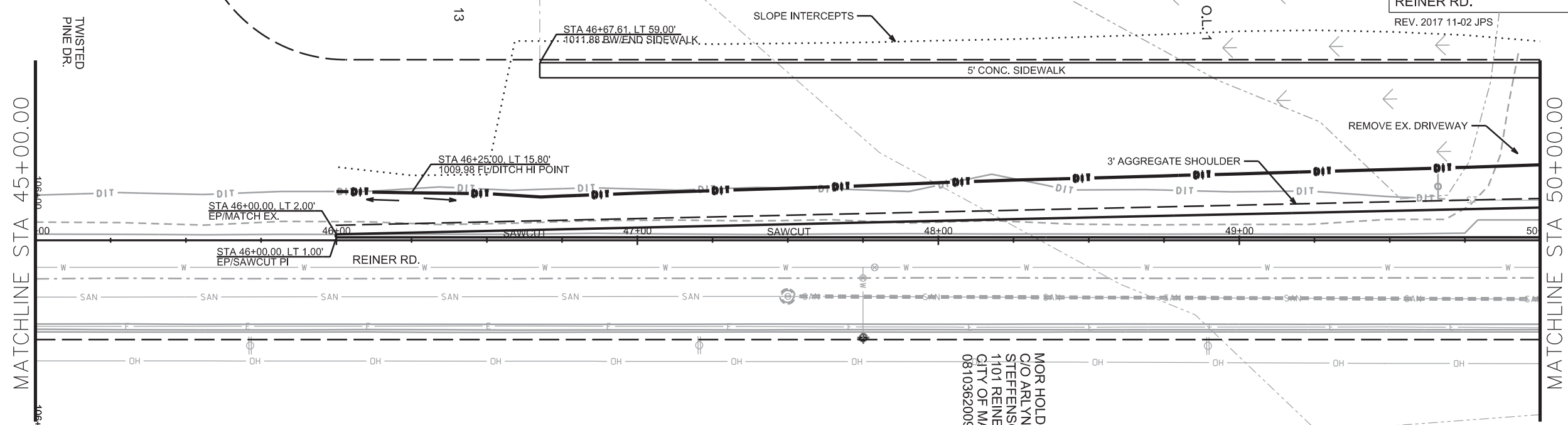
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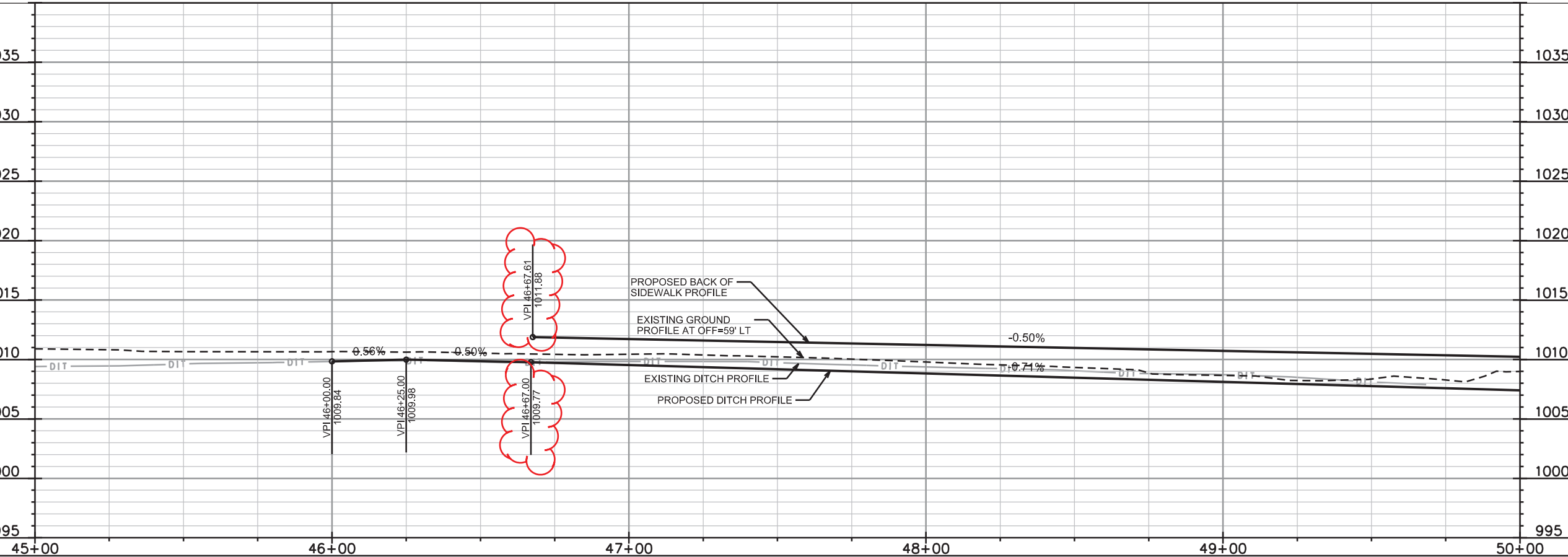
PLAN AND PROFILE

REINER RD.
REV. 2017 11-02 JPS

CITY OF MADISON



MOR HOLDINGS LLC
C/O ARLYN
STEFFENSON
1101 REINER RD
CITY OF MADISON
081036200989



PLOT SCALE: _____

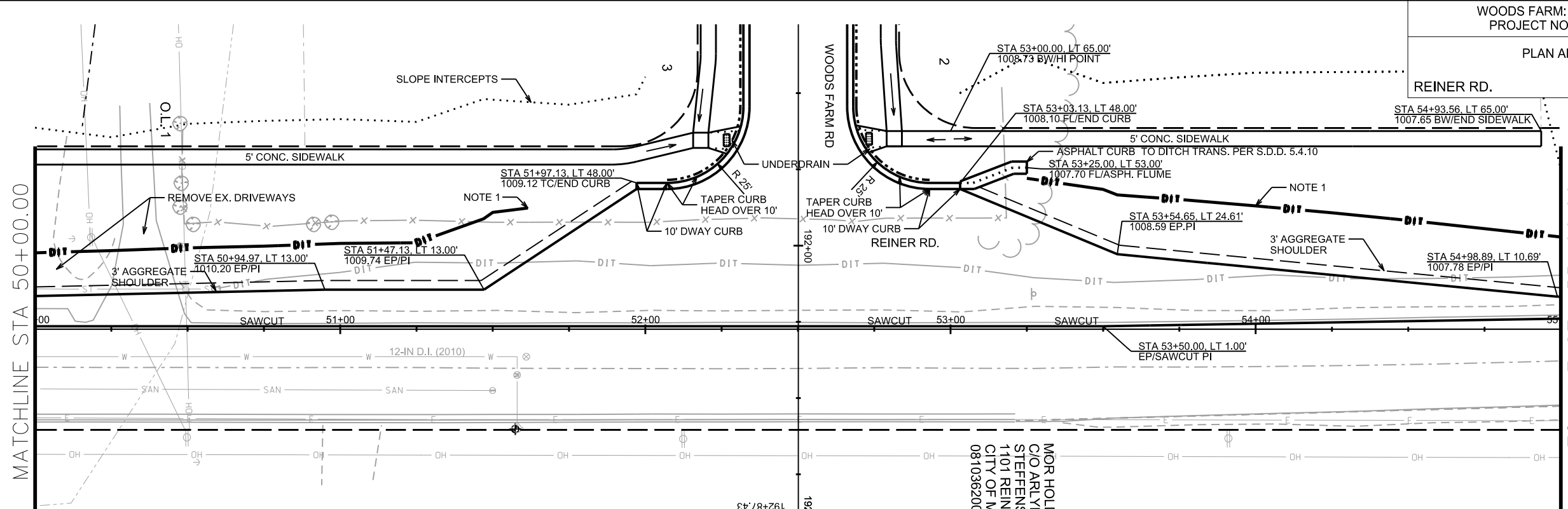
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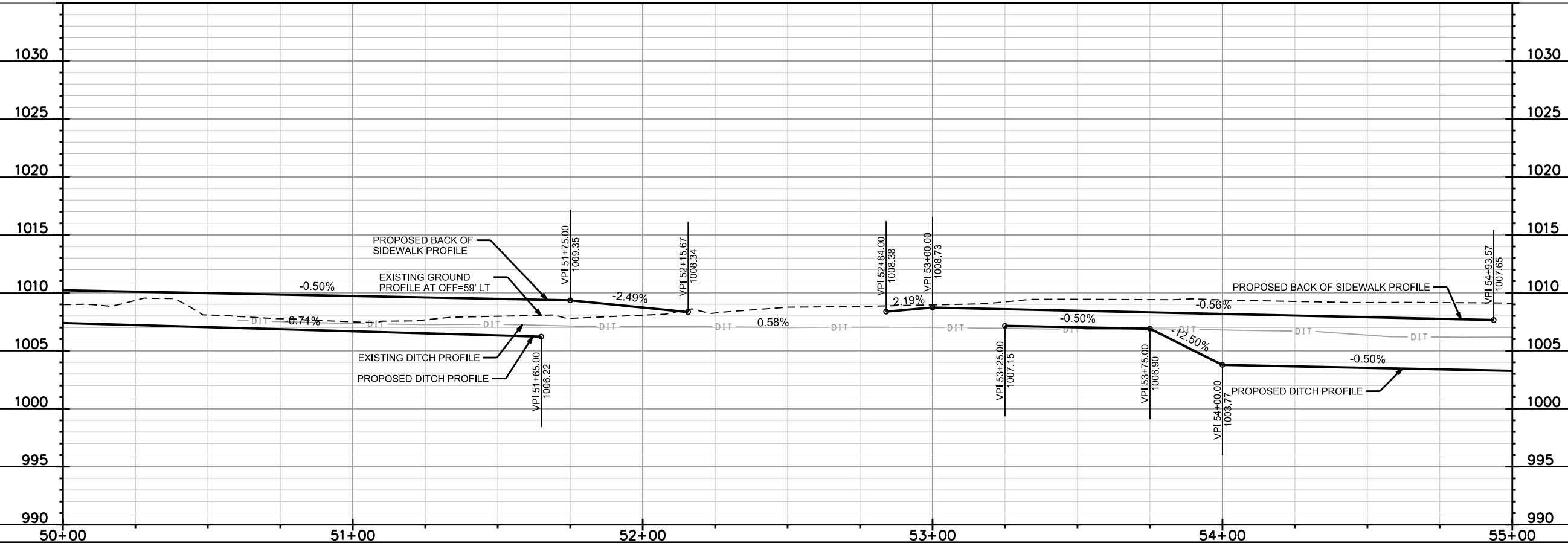
PLAN AND PROFILE

CITY OF MADISON



NOTES:
1. SEE UTILITY SHEETS FOR STORM SEWER DESIGN

MOR HOLDINGS LLC
C/O ARLYN
STEFFENSON
1101 REINER RD
CITY OF MADISON
081036200989

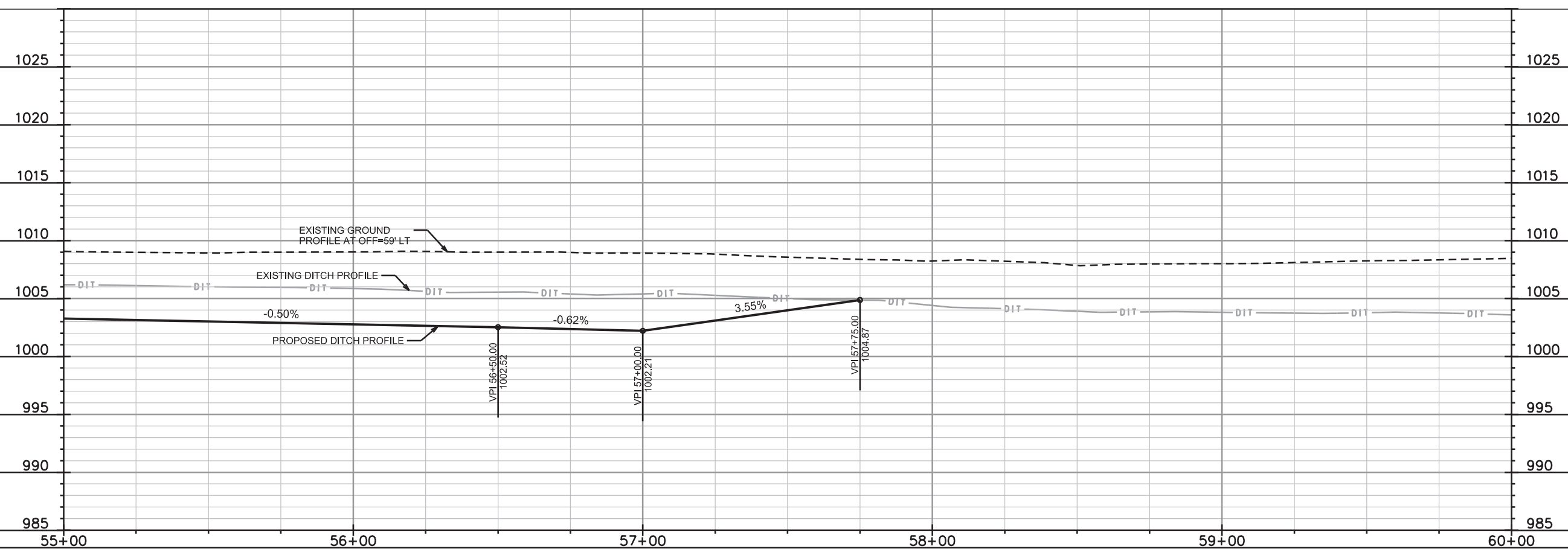
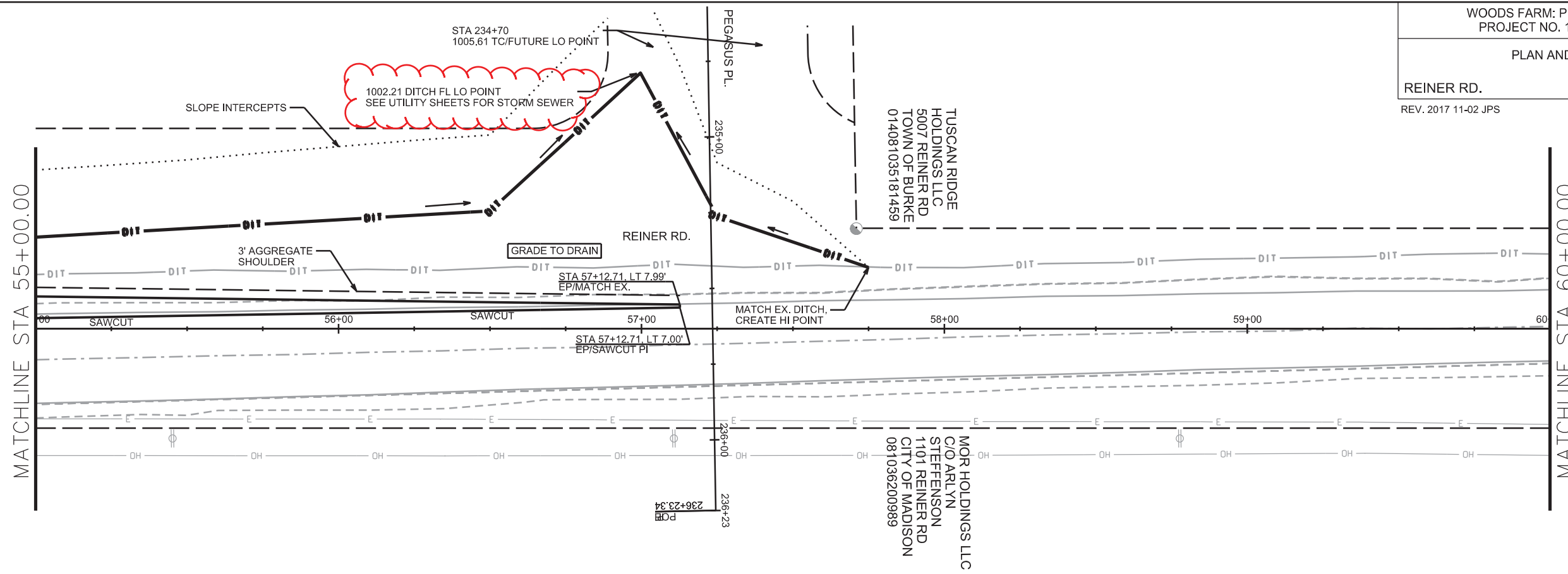


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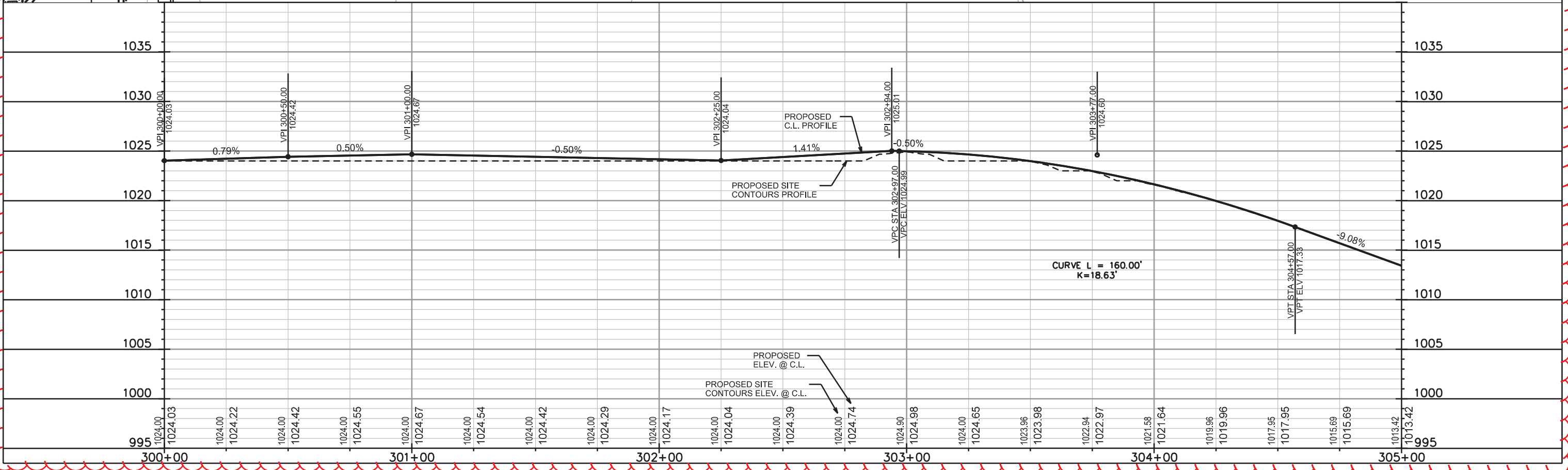
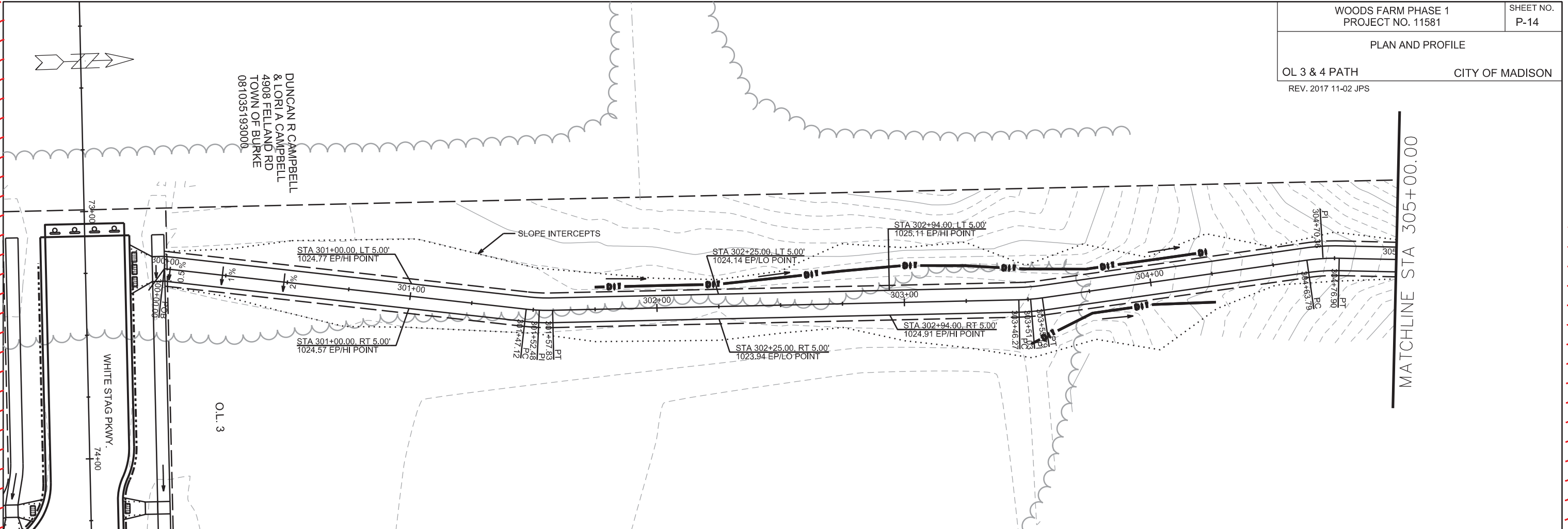
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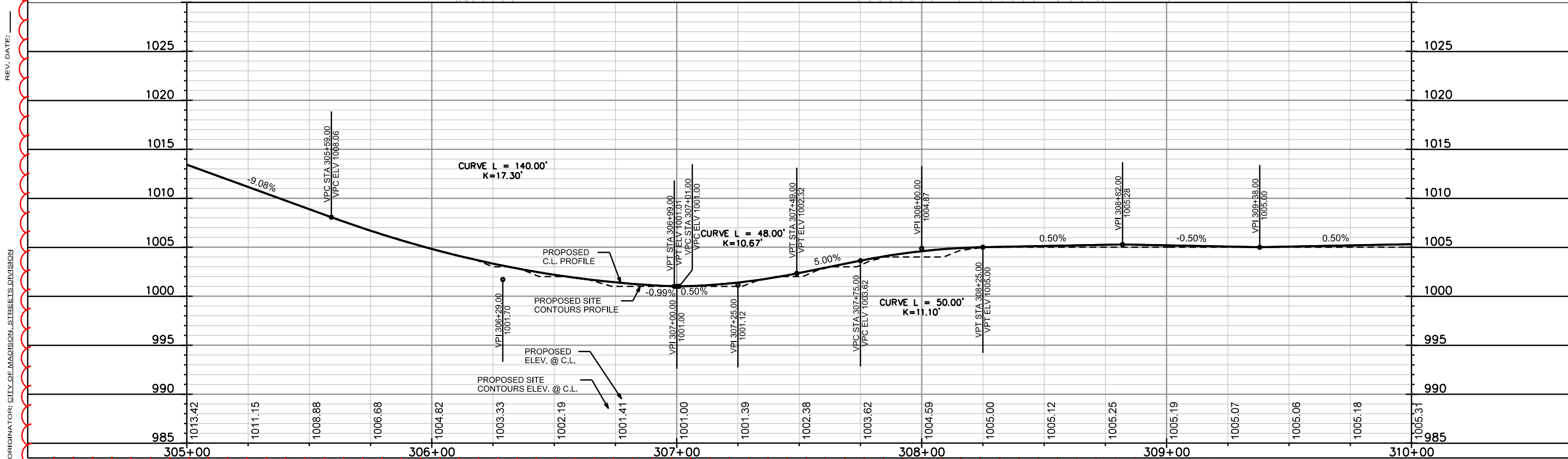
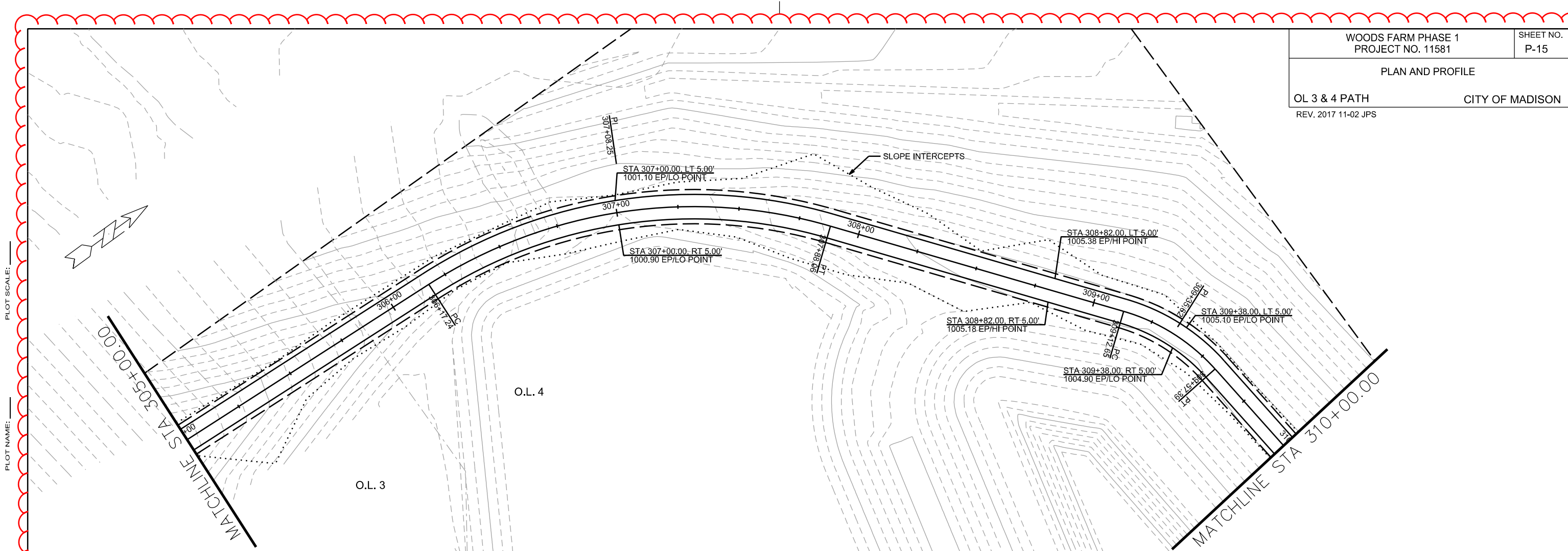
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION





PLAN AND PROFILE

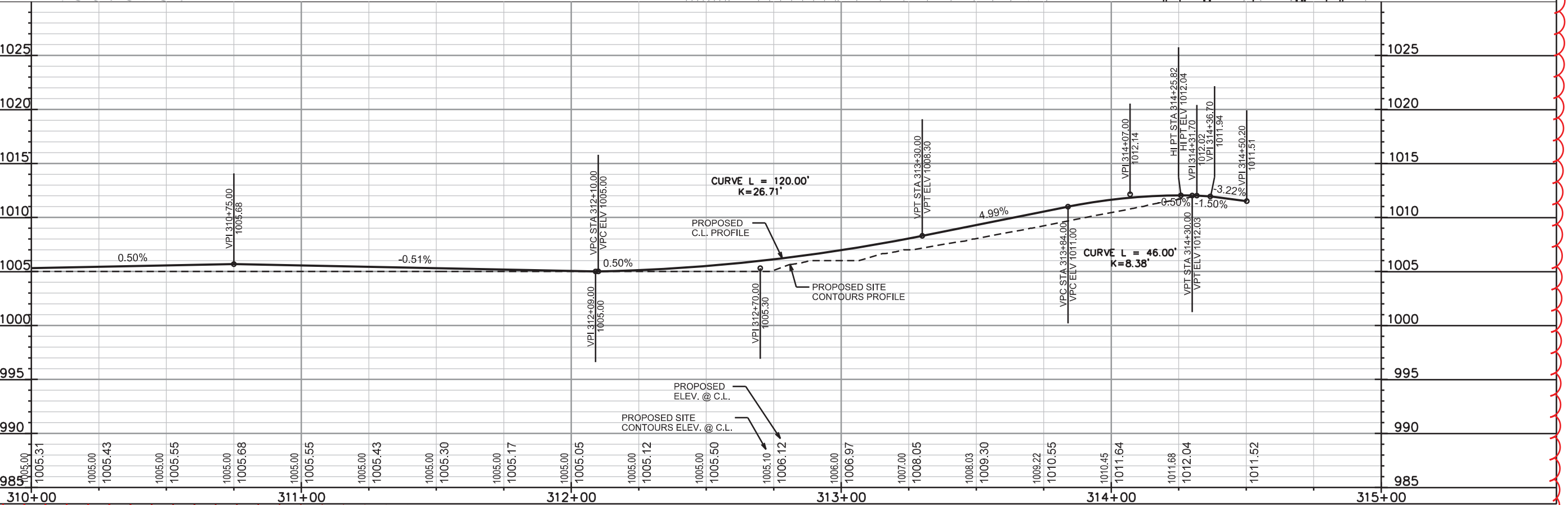
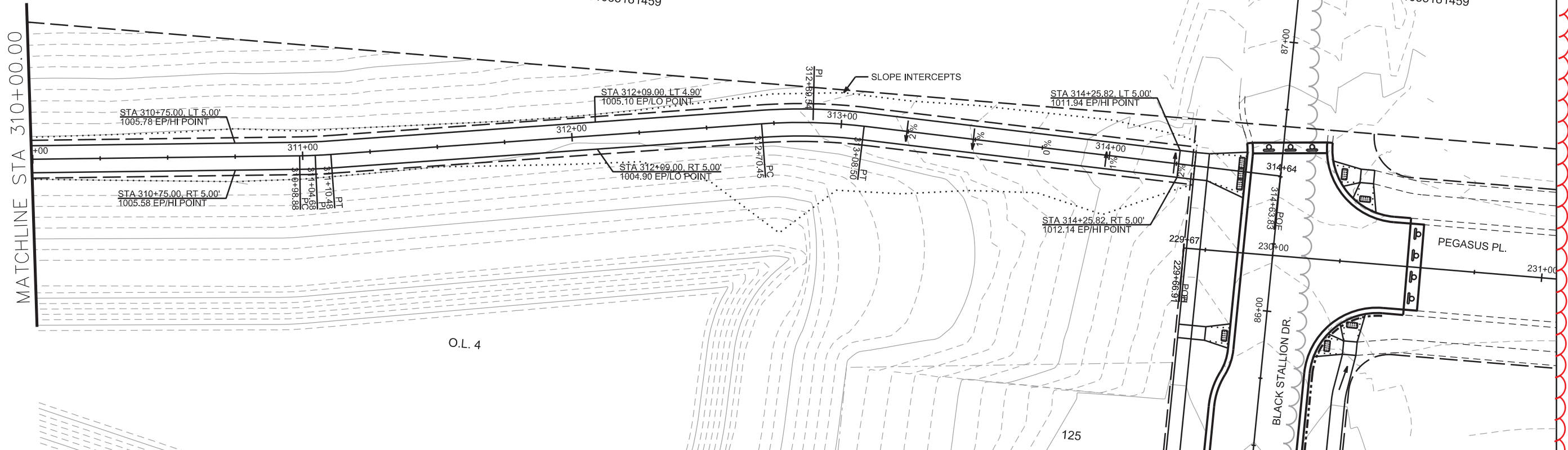
OL 3 & 4 PATH

CITY OF MADISON

WOODS FARM HOLDINGS LLC
5007 REINER RD
TOWN OF BURKE
014081035181459

REV. 2017 11-02 JPS

TUSCAN RIDGE
HOLDINGS LLC
5007 REINER RD
TOWN OF BURKE
014081035181459

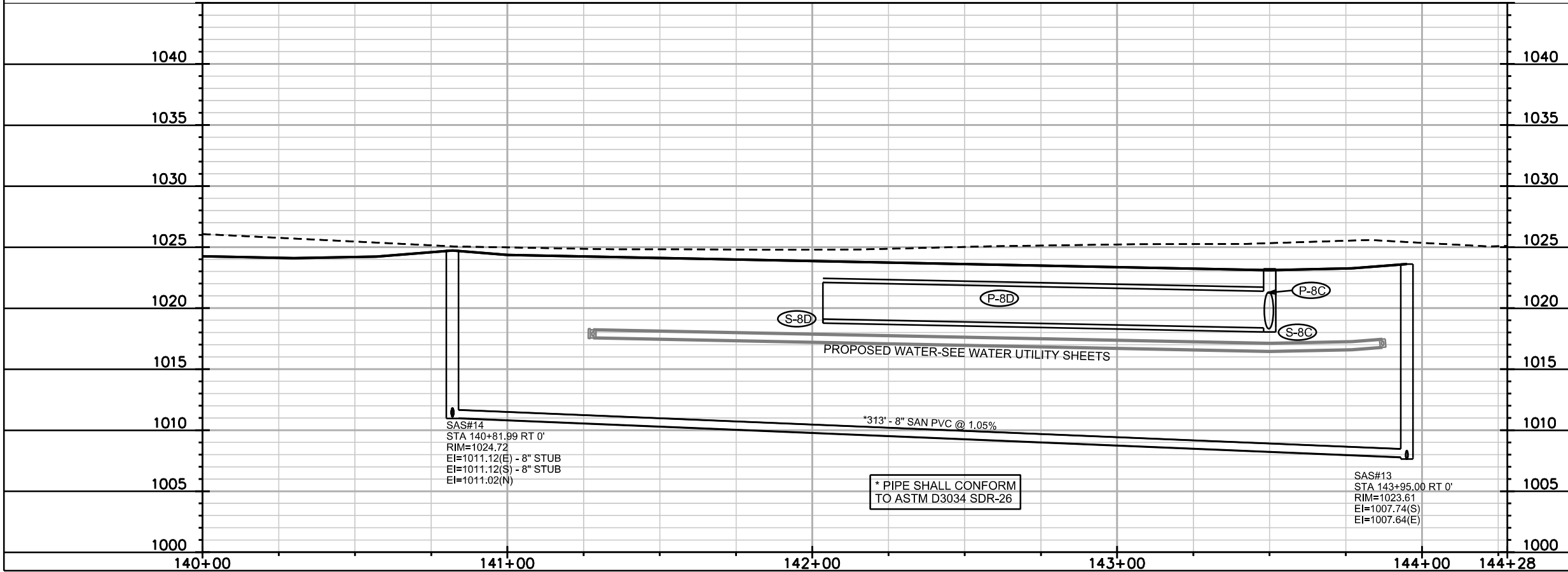
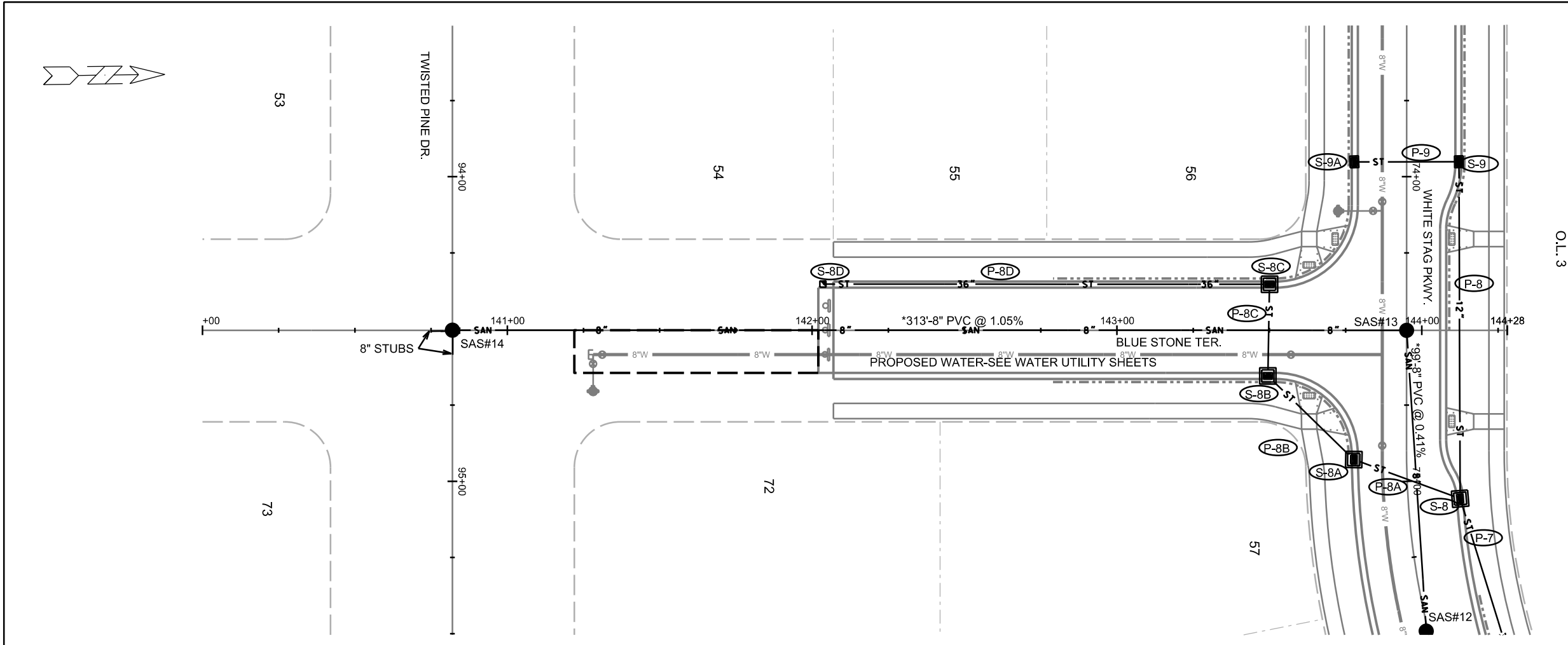


PLOT SCALE:

PLOT NAME:

REV. DATE:

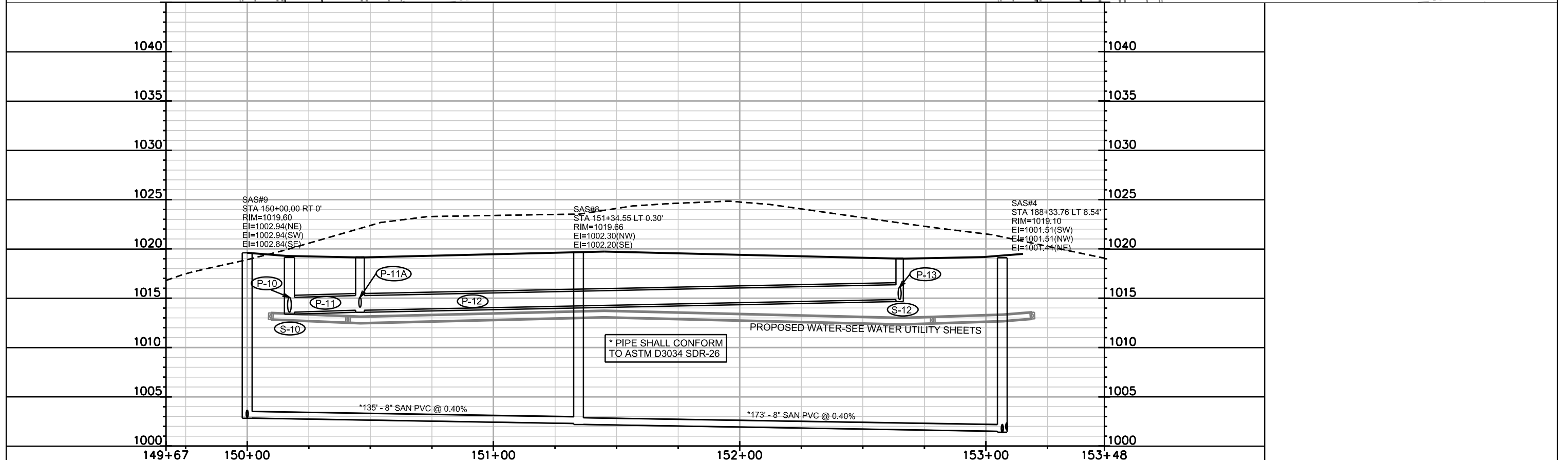
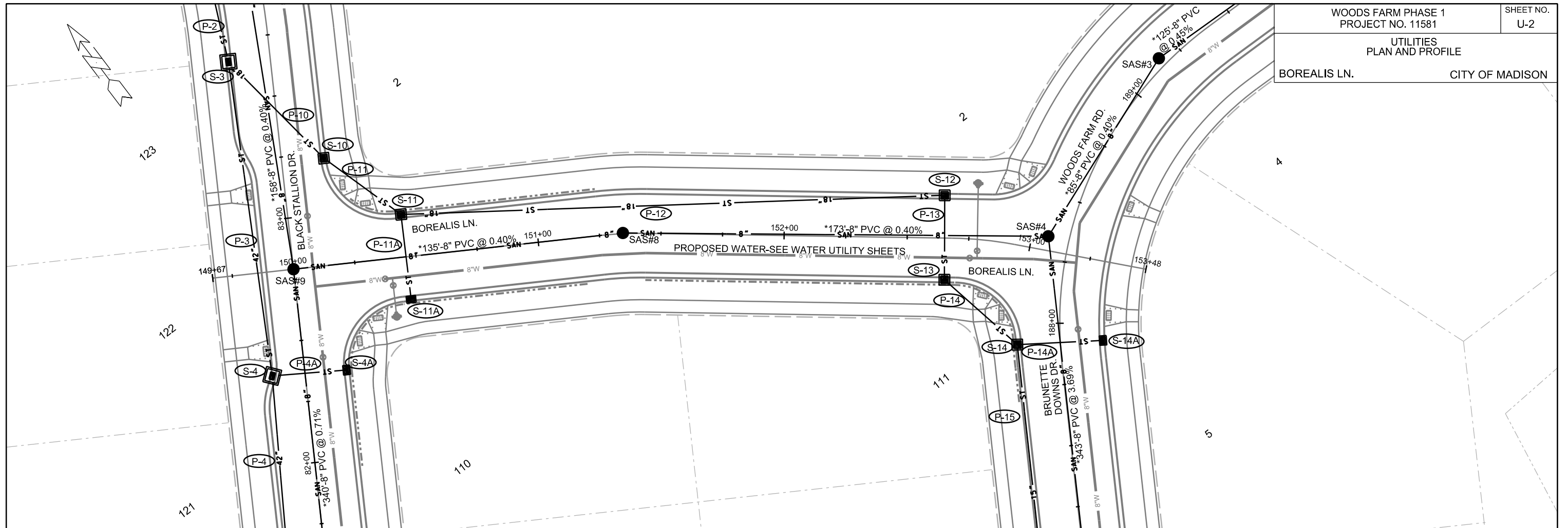
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

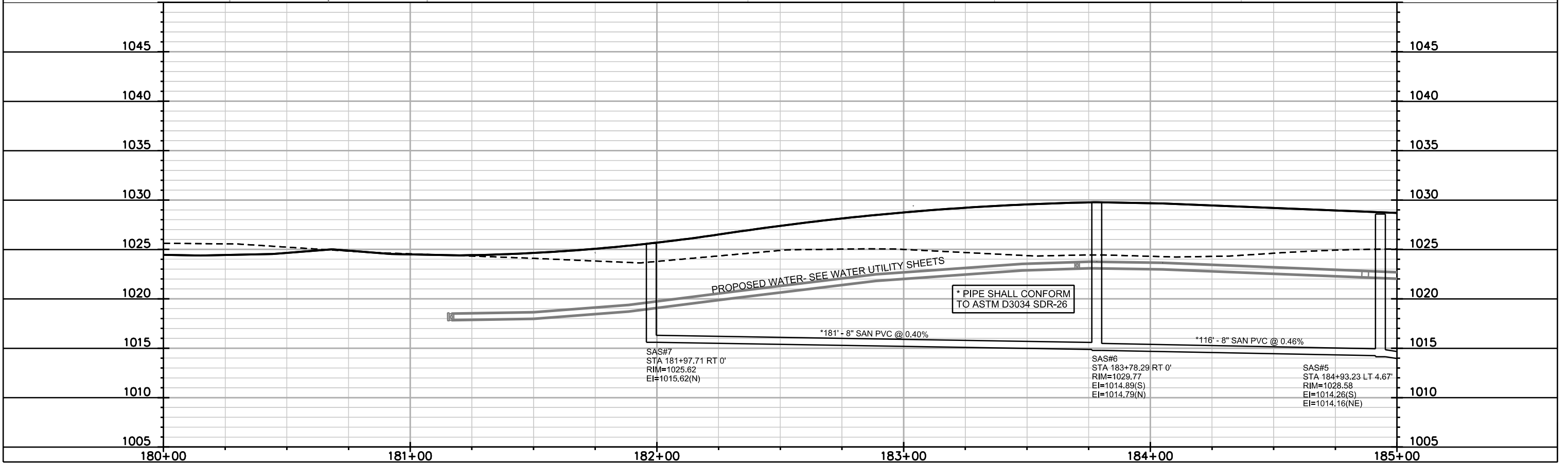
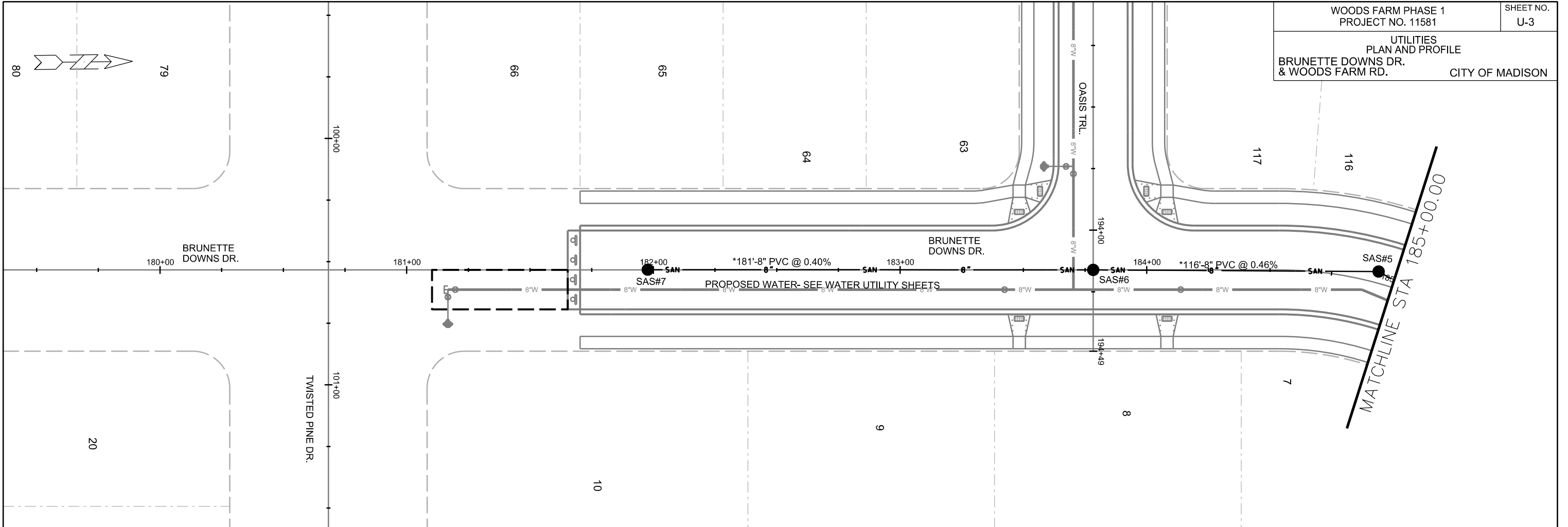


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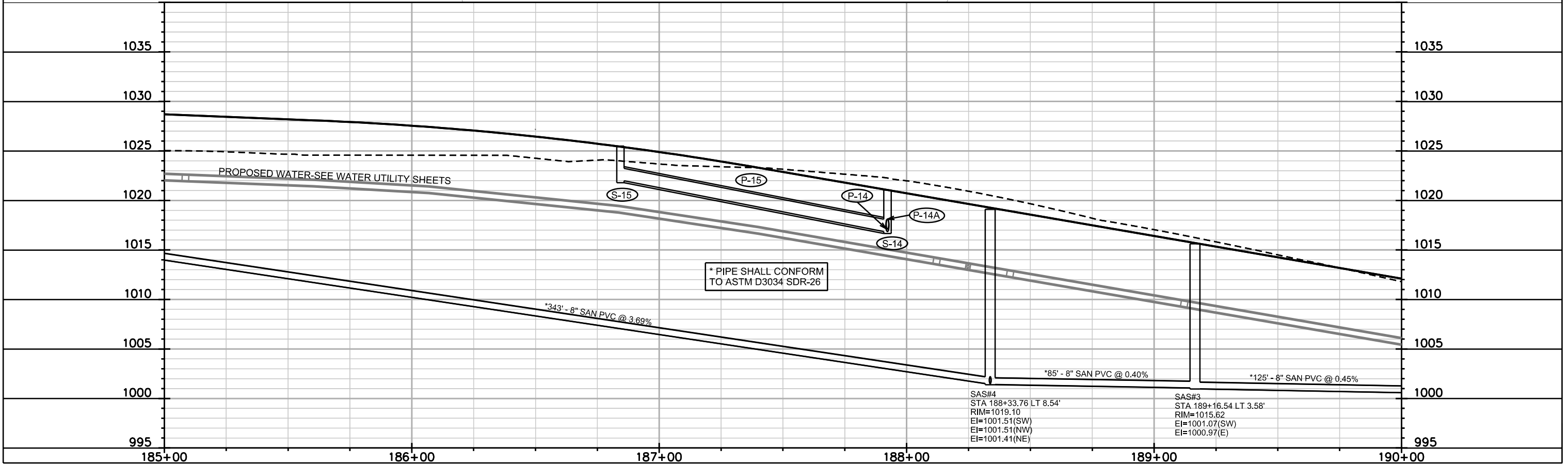
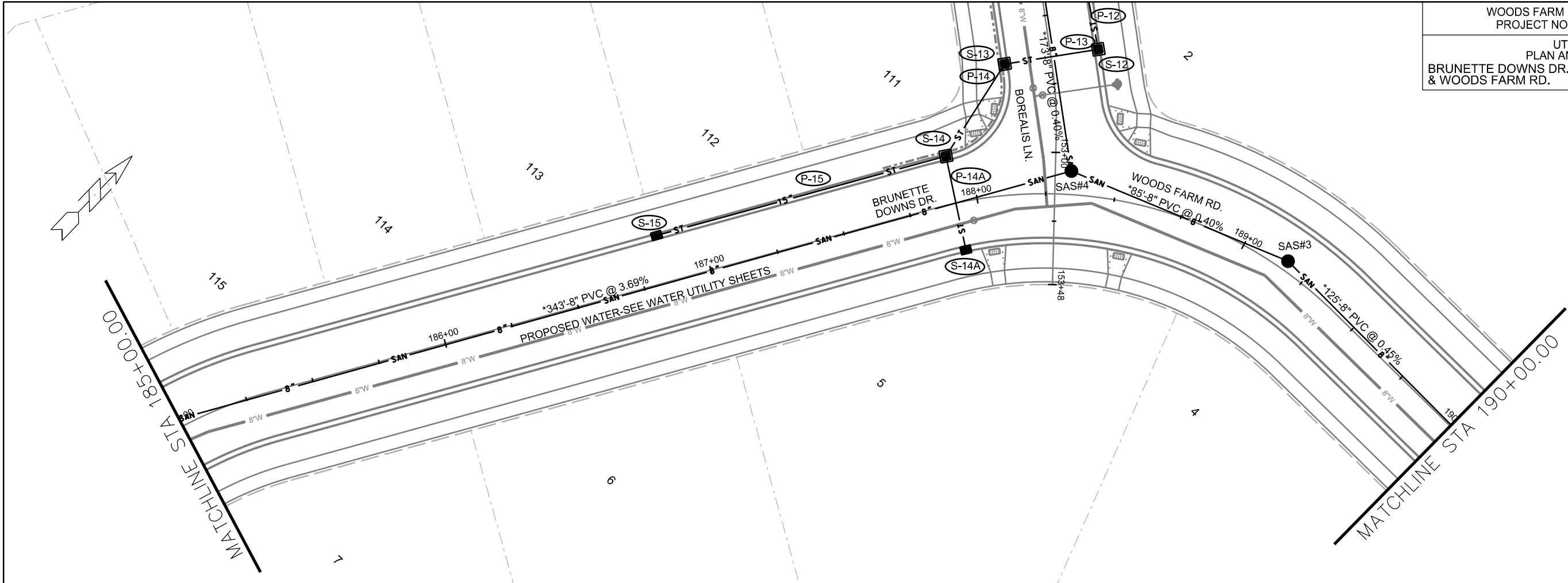


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

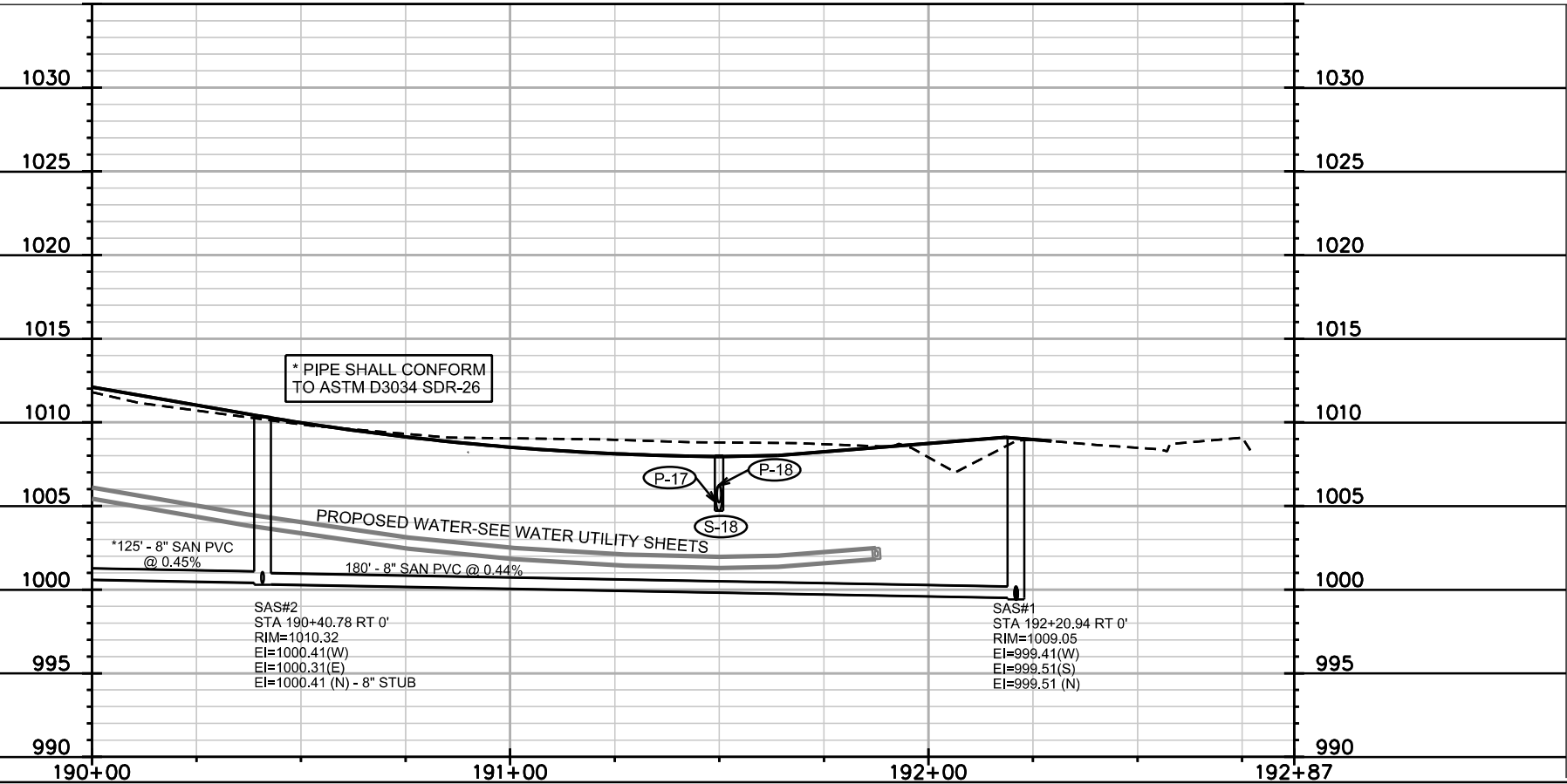
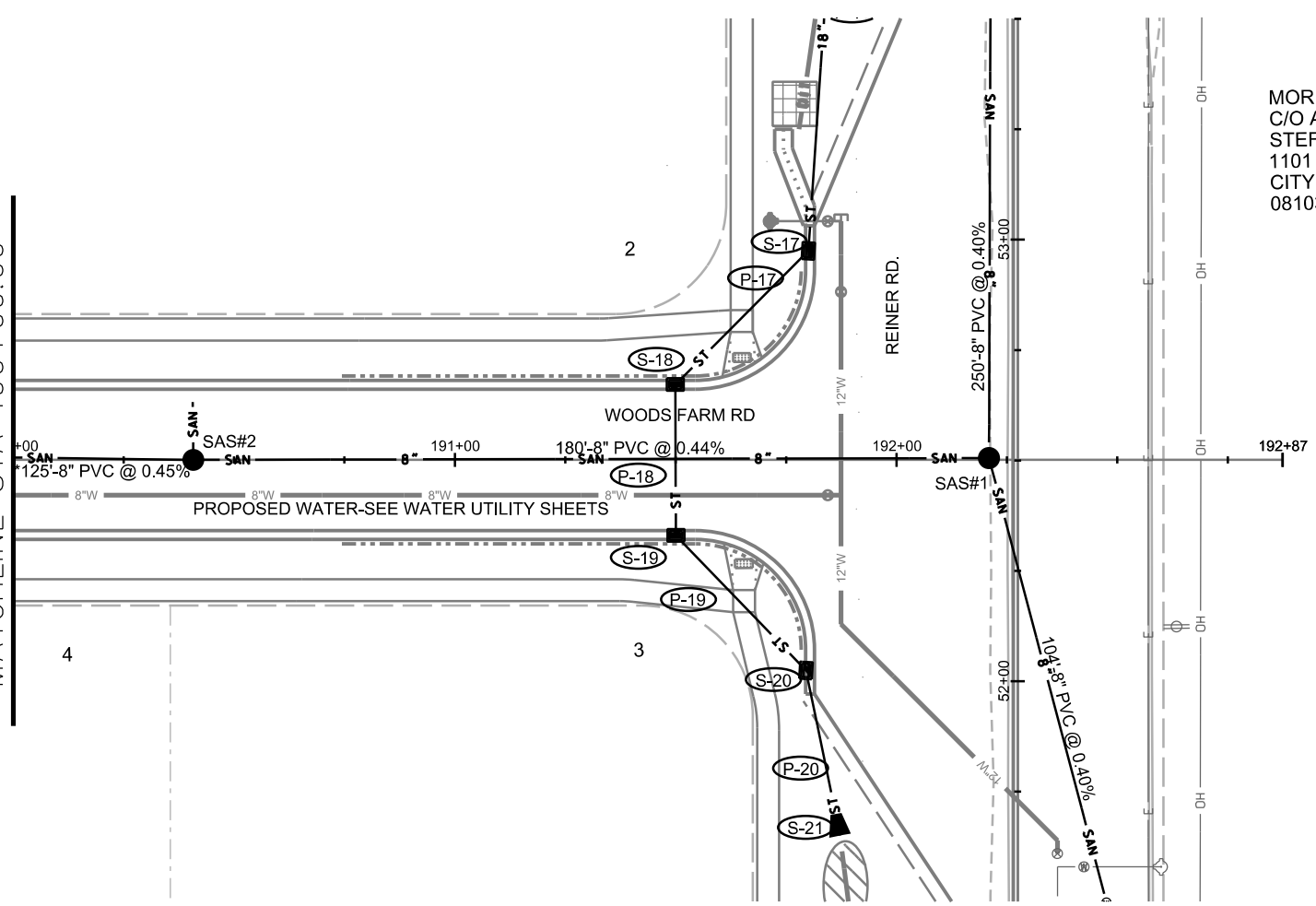
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

MOR HOLDINGS LLC
C/O ARLYN
STEFFENSON
1101 REINER RD
CITY OF MADISON
081036200989



MATCHLINE STA 190+00.00



* PIPE SHALL CONFORM
TO ASTM D3034 SDR-26

*125' - 8" SAN PVC
@ 0.45%

PROPOSED WATER-SEE WATER UTILITY SHEETS

SAS#2
STA 190+40.78 RT 0'
RIM=1010.32
EI=1000.41(W)
EI=1000.31(E)
EI=1000.41 (N) - 8" STUB

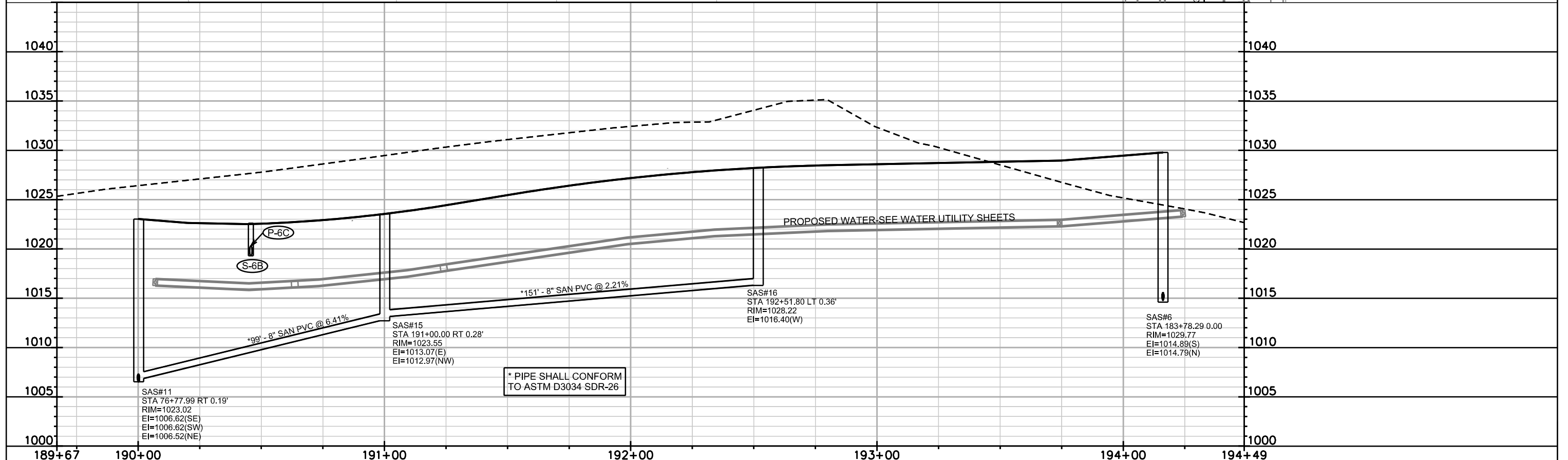
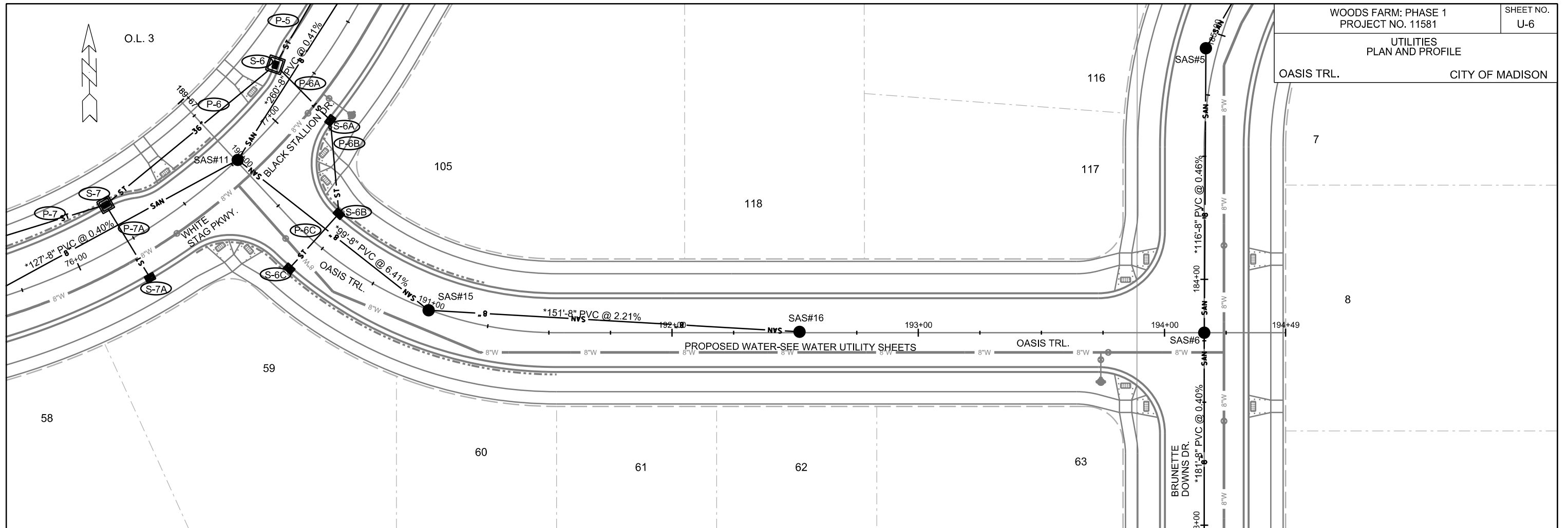
SAS#1
STA 192+20.94 RT 0'
RIM=1009.05
EI=999.41(W)
EI=999.51(S)
EI=999.51 (N)

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



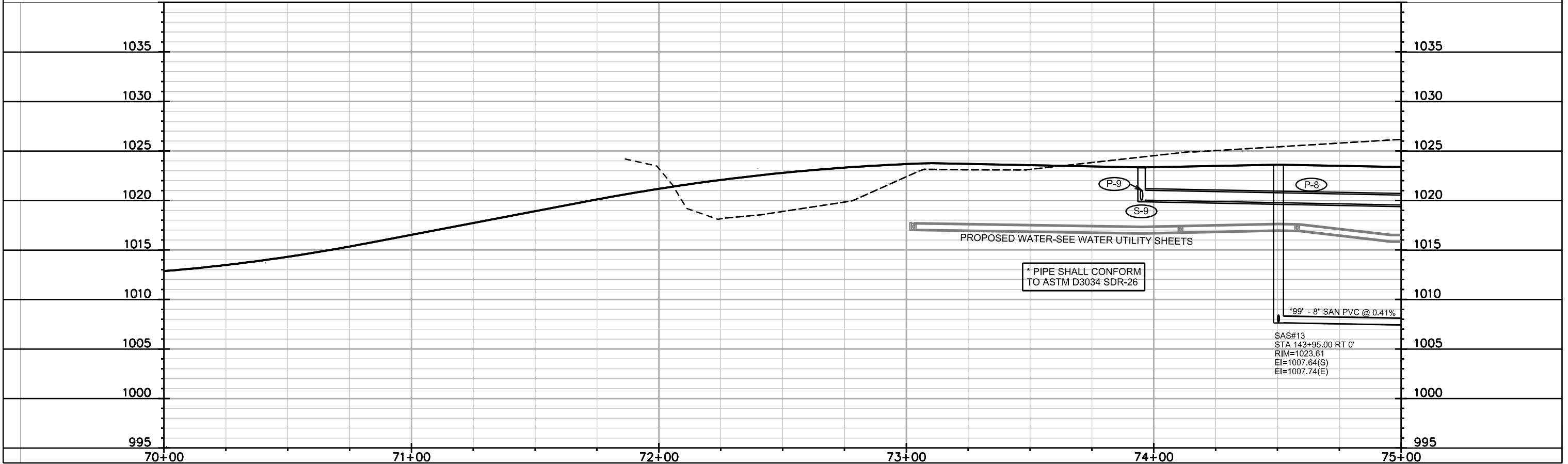
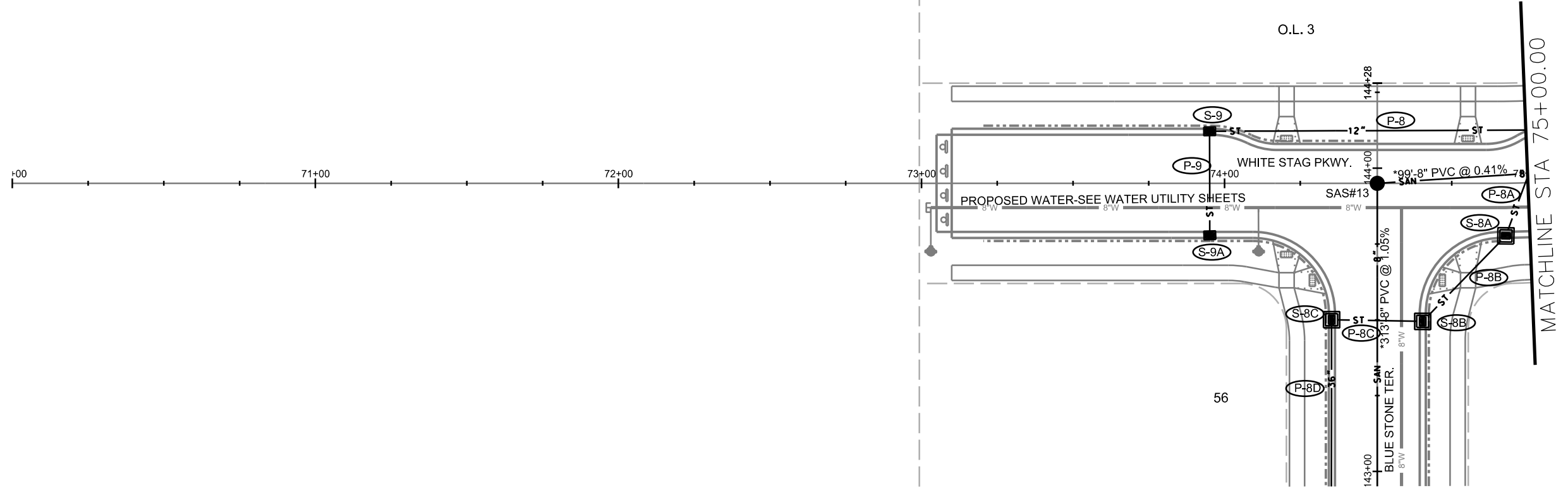
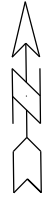
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

DUNCAN R CAMPBELL
& LORI A CAMPBELL
4908 FELLAND RD
TOWN OF BURKE
081035193000

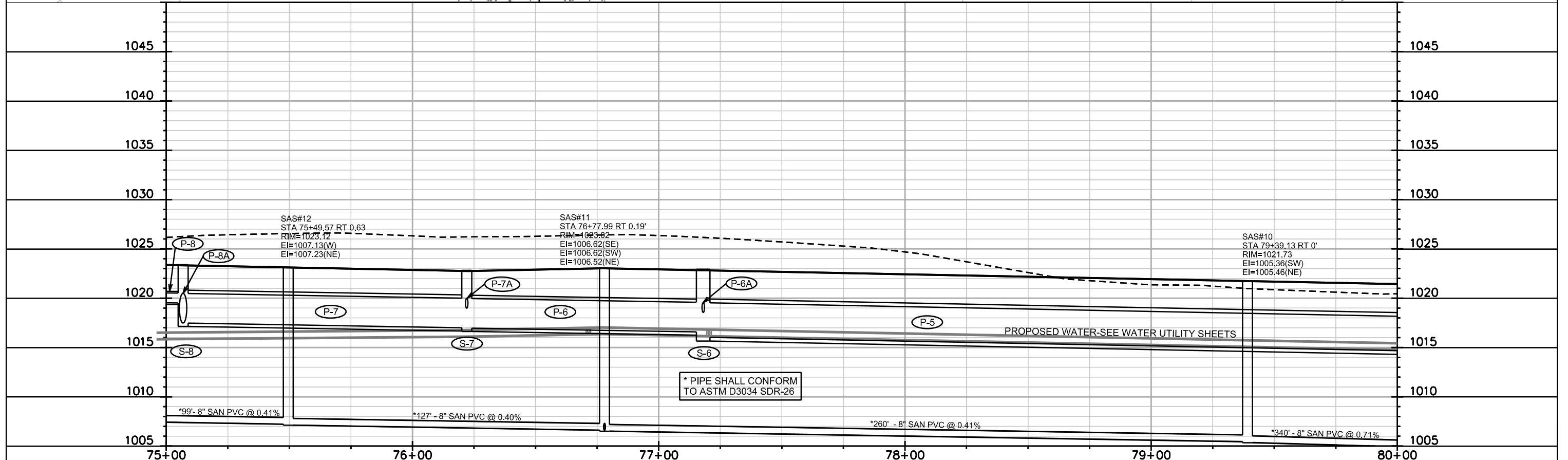
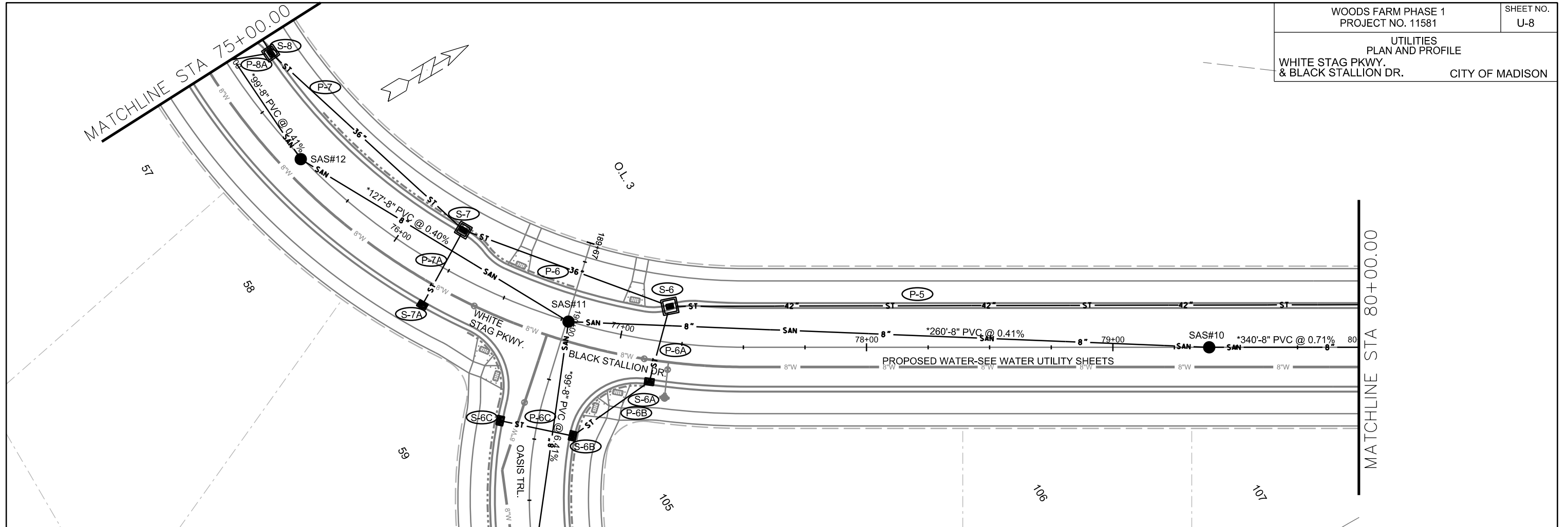


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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



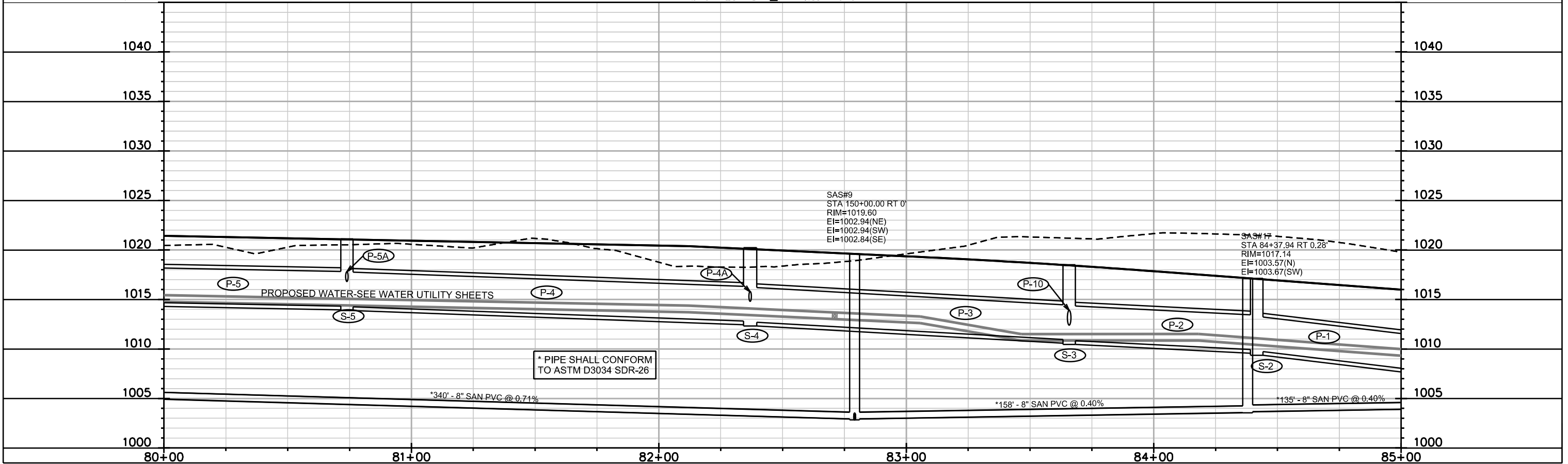
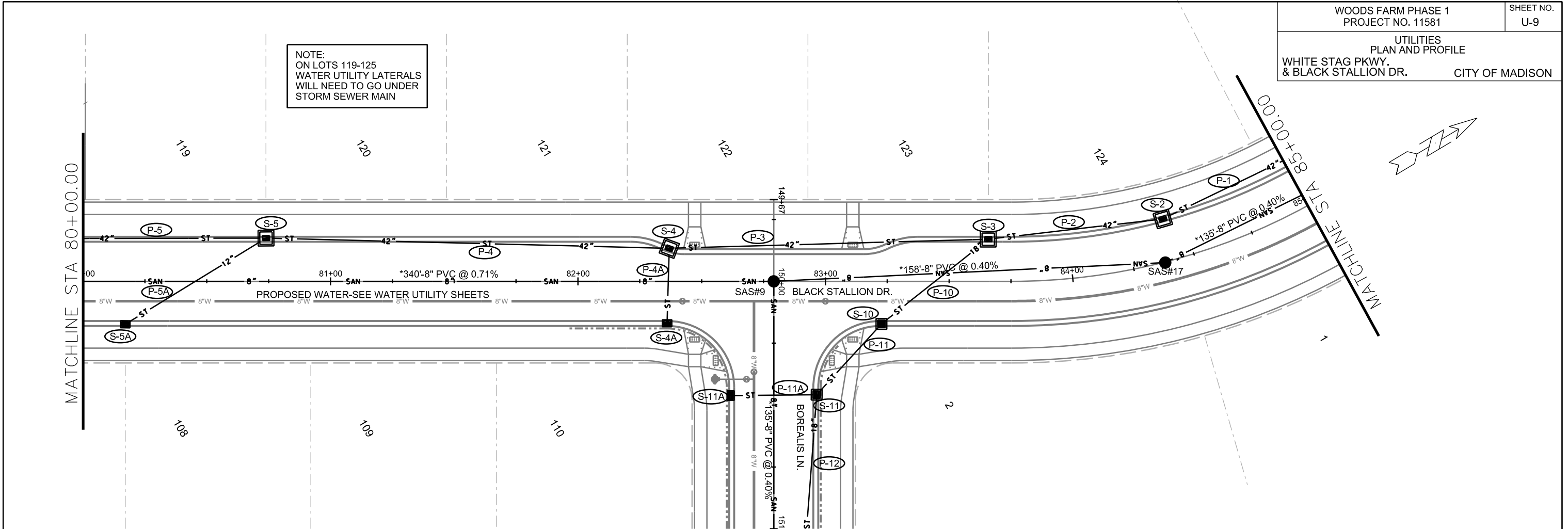
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTE:
ON LOTS 119-125
WATER UTILITY LATERALS
WILL NEED TO GO UNDER
STORM SEWER MAIN

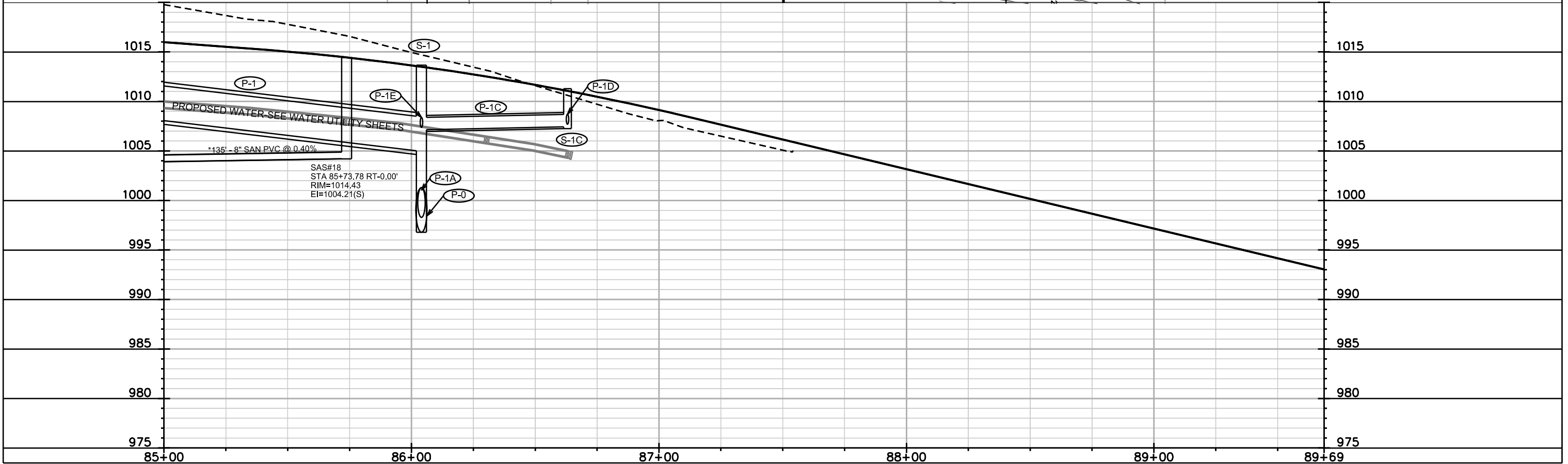
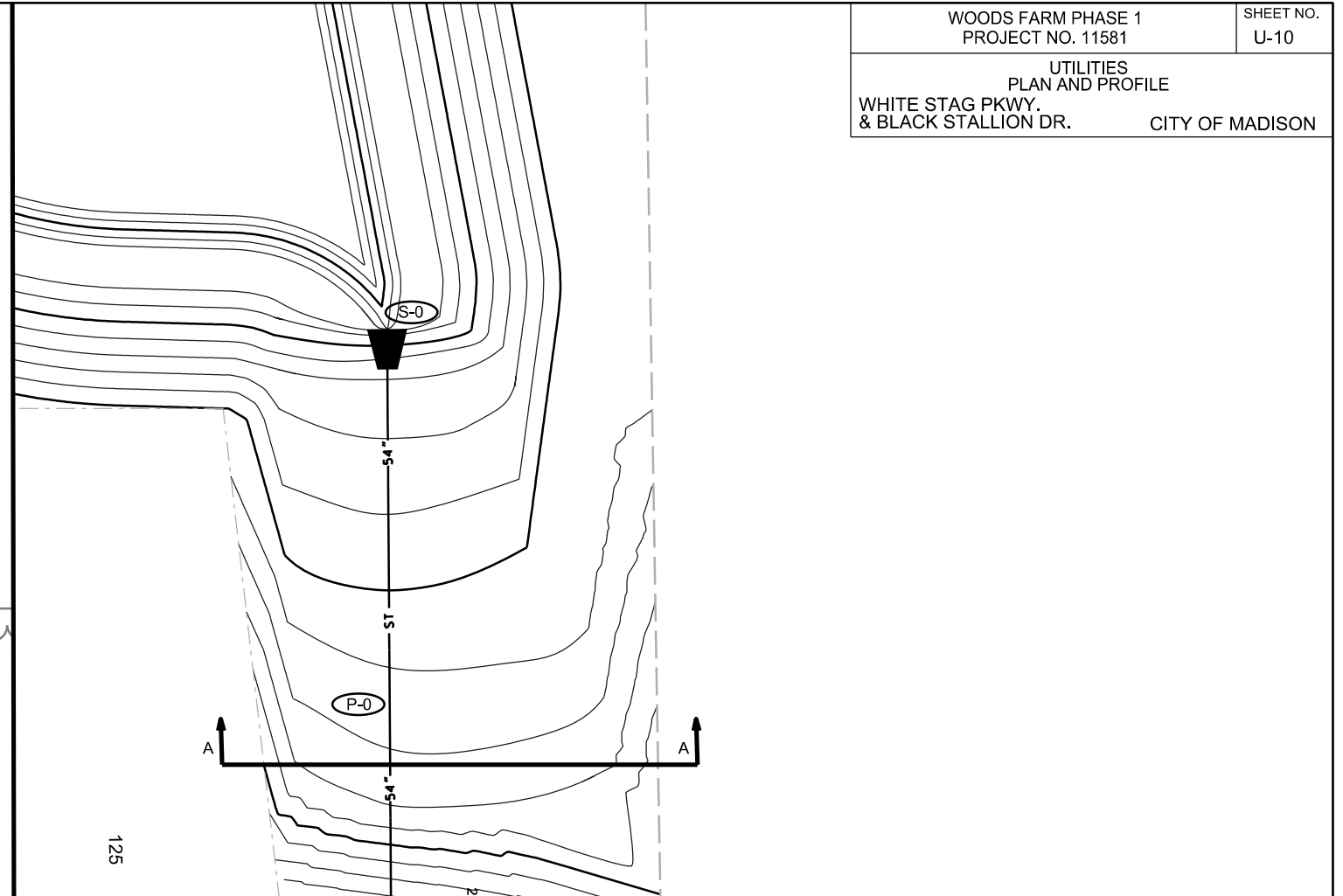
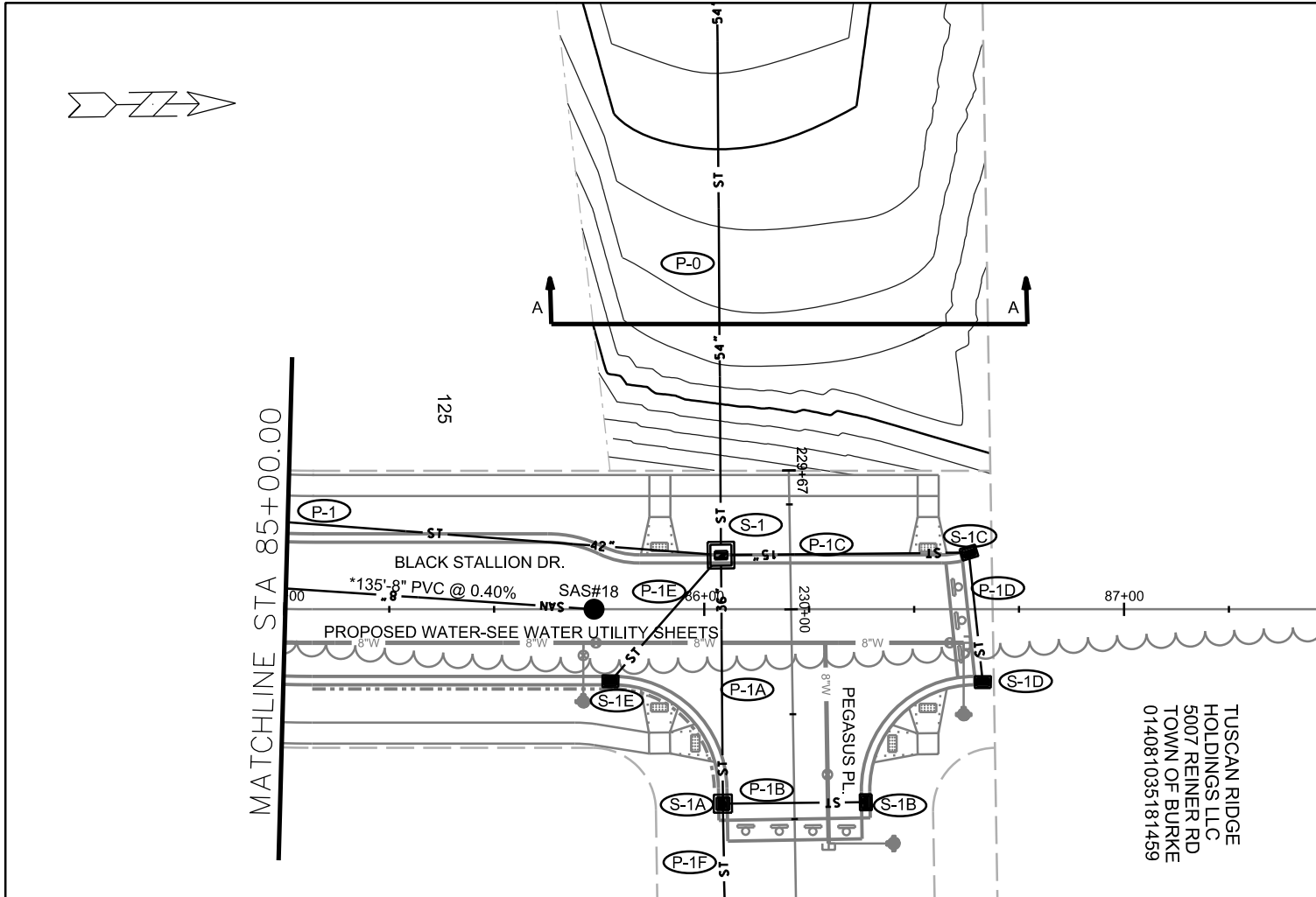


PLOT SCALE: _____

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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

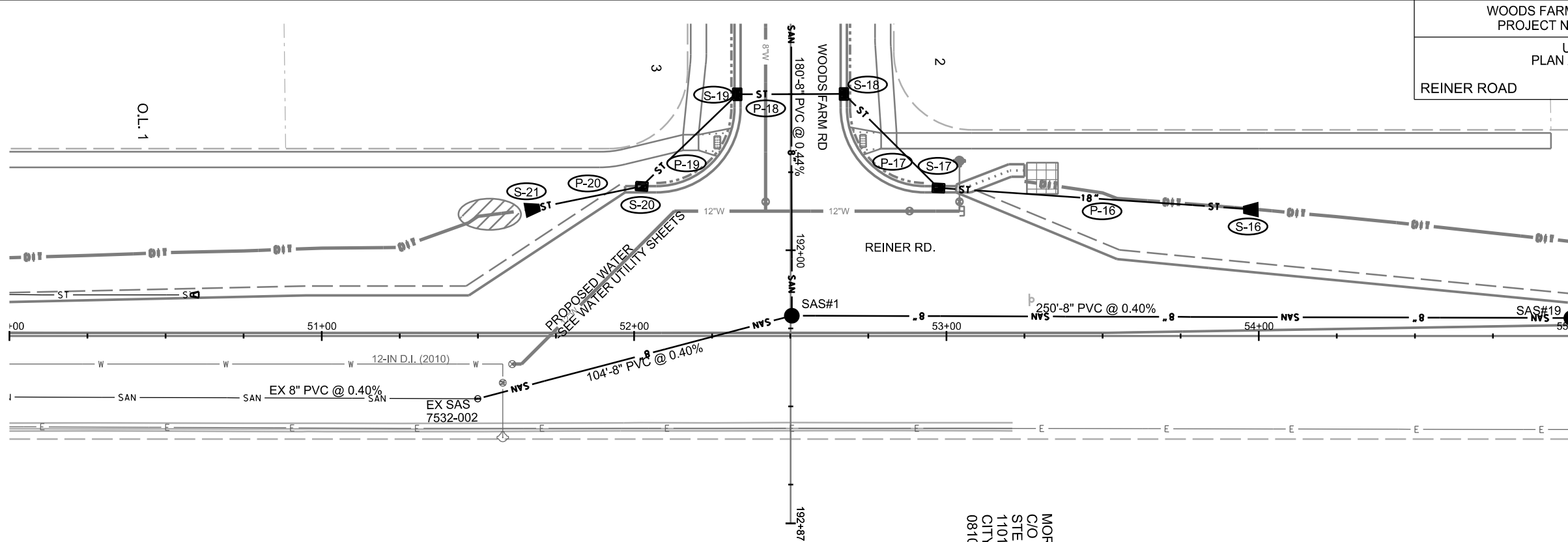
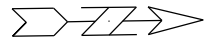


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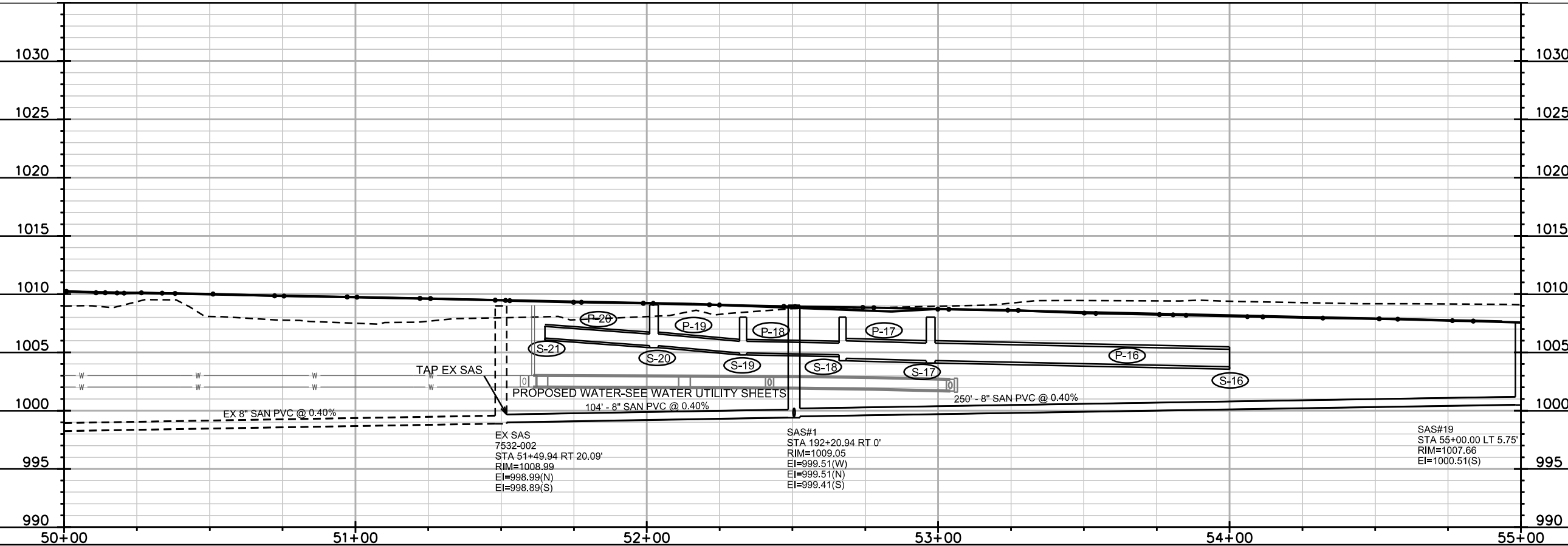
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



MOR HOLDINGS LLC
C/O ARLYN
STEFFENSON
1101 REINER RD
CITY OF MADISON
081036200989



PLOT SCALE:

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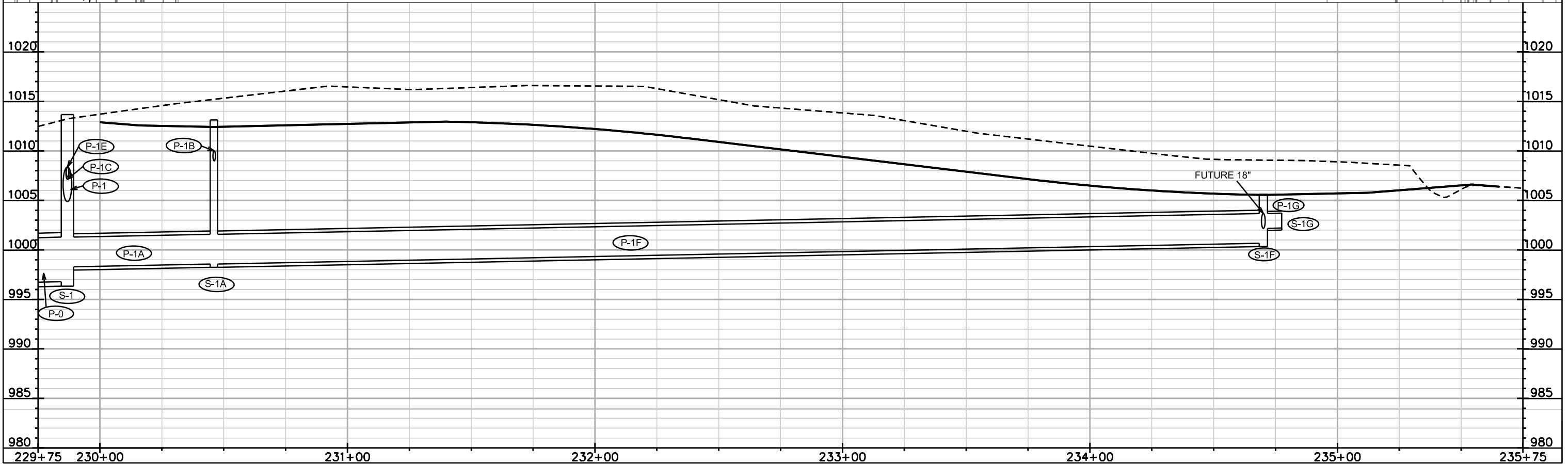
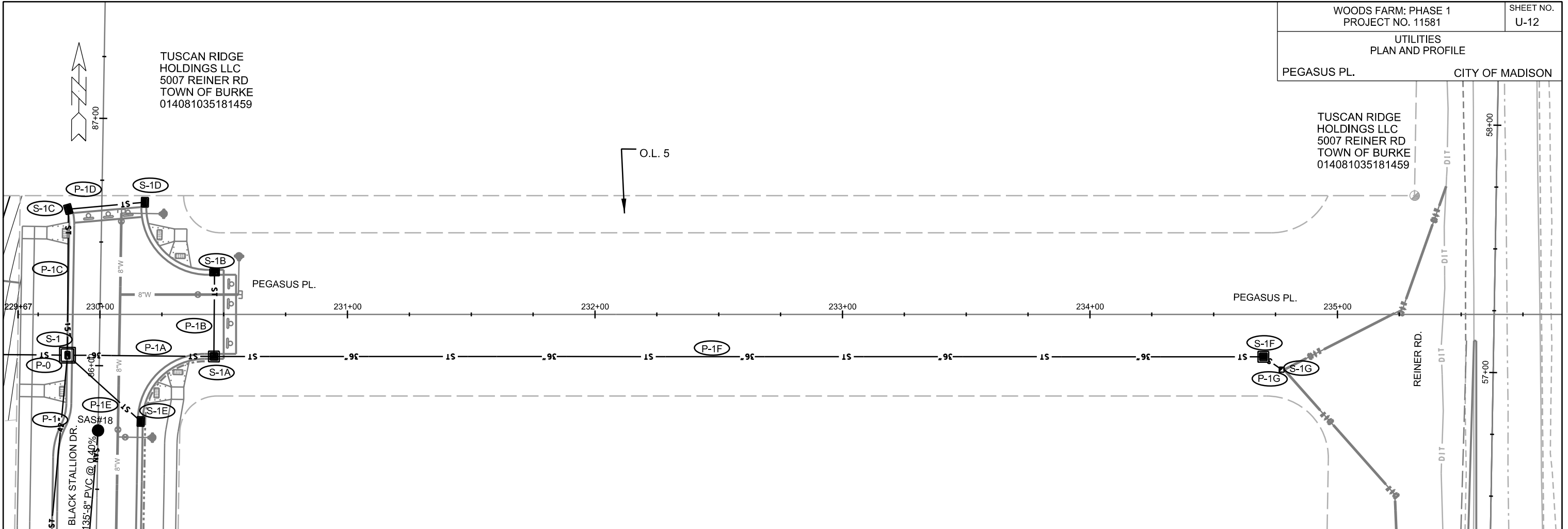
UTILITIES
PLAN AND PROFILE

PEGASUS PL. CITY OF MADISON

TUSCAN RIDGE
HOLDINGS LLC
5007 REINER RD
TOWN OF BURKE
014081035181459

TUSCAN RIDGE
HOLDINGS LLC
5007 REINER RD
TOWN OF BURKE
014081035181459

O.L. 5



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SCHEDULE

WOODS FARM PHASE 1

SHEET NO.

PROJECT NO. 11581

U-SAN

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
BRUNETTE DOWNS DR & WOODS FARM RD						
SAS#1	192+20.94	CL	1009.05	999.41	9.64	-
SAS#2	190+40.78	CL	1010.32	1000.31	10.01	-
SAS#3	189+16.54	LT-3.58	1015.62	1000.97	14.65	-
SAS#4	188+33.76	LT-8.54	1019.10	1001.41	17.69	-
SAS#5	184+93.23	LT-4.67	1028.58	1014.16	14.42	-
SAS#6	183+78.29	CL	1029.77	1014.79	14.98	-
SAS#7	181+97.71	CL	1025.62	1015.62	10.00	-
BOREALIS LN						
SAS#8	151+34.55	LT-0.30	1019.66	1002.20	17.46	-
SAS#9	150+00.00	CL	1019.60	1002.84	16.76	-
WHITE STAG PKWY & BLACK STALLION DR						
SAS#10	79+39.19	CL	1021.73	1005.36	16.37	-
SAS#11	76+77.99	RT-0.19	1023.02	1006.52	16.50	-
SAS#12	75+49.57	RT-0.63	1023.12	1007.13	15.99	-
BLUE STONE TER						
SAS#13	143+95.00	CL	1023.61	1007.64	15.97	-
SAS#14	140+81.99	CL	1024.72	1011.02	13.70	-
OASIS TRL						
SAS#15	191+00.00	RT-0.28	1023.55	1012.97	10.58	-
SAS#16	192+51.80	LT-0.36	1028.22	1016.40	11.82	-
WHITE STAG PKWY & BLACK STALLION DR						
SAS#17	84+37.94	RT-0.28	1017.14	1003.57	13.57	-
SAS#18	85+73.78	CL	1014.43	1004.21	10.22	-
REINER RD						
SAS#19	55+00.00	LT-5.75	1007.66	1000.51	7.15	-

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	PLAN LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES
BRUNETTE DOWNS DR & WOODS FARM RD								
EX SAS 7532-002	SAS#1	998.99	999.41	104	0.40%	8"	SDR-35	-
SAS#1	SAS#2	999.51	1000.31	180	0.44%	8"	SDR-35	-
SAS#2	SAS#3	1000.41	1000.97	125	0.45%	8"	SDR-26	-
SAS#3	SAS#4	1001.07	1001.41	85	0.40%	8"	SDR-26	-
SAS#4	SAS#5	1001.51	1014.16	343	3.69%	8"	SDR-26	-
SAS#5	SAS#6	1014.26	1014.79	116	0.46%	8"	SDR-26	-
SAS#6	SAS#7	1014.89	1015.62	181	0.40%	8"	SDR-26	-
BOREALIS LN								
SAS#4	SAS#8	1001.51	1002.20	173	0.40%	8"	SDR-26	-
SAS#8	SAS#9	1002.30	1002.84	135	0.40%	8"	SDR-26	-
WHITE STAG PKWY & BLACK STALLION DR								
SAS#9	SAS#10	1002.94	1005.36	340	0.71%	8"	SDR-26	-
SAS#10	SAS#11	1005.46	1006.52	260	0.41%	8"	SDR-26	-
SAS#11	SAS#12	1006.62	1007.13	127	0.40%	8"	SDR-26	-
SAS#12	SAS#13	1007.23	1007.64	99	0.41%	8"	SDR-26	-
BLUE STONE TER								
SAS#13	SAS#14	1007.74	1011.02	313	1.05%	8"	SDR-26	-
OASIS TRL								
SAS#11	SAS#15	1006.62	1012.97	99	6.41%	8"	SDR-26	-
SAS#15	SAS#16	1013.07	1016.40	151	2.21%	8"	SDR-26	-
WHITE STAG PKWY & BLACK STALLION DR								
SAS#9	SAS#17	1002.94	1003.57	158	0.40%	8"	SDR-26	-
SAS#17	SAS#18	1003.67	1004.21	135	0.40%	8"	SDR-26	-
REINER RD								
SAS#1	SAS#19	999.51	1000.51	250	0.40%	8"	SDR-35	-

PLOT SCALE: ---
 PLOT NAME: ---
 REV. DATE: ---

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
BLACK STALLION DR							
S-0	86+07.71	LT-118.00	54" RCP AE	-	996.00	-	W/ GATE
S-1	86+04.02	LT-12.50	5X5 SAS	1013.66	996.79	16.87	W/ R-3067-7004-VB
S-1C	86+63.06	LT-13.00	H INLET	1011.28	1007.45	3.83	W/ R-3067-7004-VB
S-1D	86+66.37	RT-17.50	H INLET	1011.05	1007.85	3.20	W/ R-3067-7004-VB
S-1E	85+78.43	RT-17.50	H INLET	1014.36	1010.36	4.00	W/ R-3067-7004-VB
S-2	84+41.61	LT-16.50	5X5 SAS	1017.13	1009.88	7.25	W/ R-3067-7004-VB
S-3	83+65.82	LT-16.50	5X5 SAS	1018.50	1010.89	7.61	W/ R-3067-7004-VB
S-4	82+36.91	LT-12.85	5X5 SAS	1020.22	1012.77	7.45	W/ R-3067-7004-VB
S-4A	82+36.00	RT-16.44	H INLET	1020.16	1016.76	3.40	W/ R-3067-7004-VB
S-5	80+73.94	LT-17.00	5X5 SAS	1021.12	1014.30	6.82	W/ R-3067-7004-VB
S-5A	80+17.07	RT-16.84	H INLET	1021.40	1017.80	3.60	W/ R-3067-7004-VB
S-6	77+17.71	LT-14.74	5X5 SAS	1022.93	1016.05	6.88	FP; W/ R-3067-7004-VB
S-6A	77+14.17	RT-16.40	H INLET	1022.91	1019.12	3.79	W/ R-3067-7004-VB
S-7	76+22.65	LT-17.50	4X4 SAS	1022.82	1016.98	5.84	FP; LP; W/ R-3067-7004-V; (2)
S-7A	76+22.65	RT-17.50	H INLET	1022.82	1019.56	3.26	LP; W/ R-3067-7004-V; (2)
S-8	75+06.63	LT-17.50	4X4 SAS	1023.39	1017.49	5.90	FP; W/ R-3067-7004-VB
S-8A	74+92.66	RT-17.50	4X4 SAS	1023.47	1018.08	5.39	FP; W/ R-3067-7004-VB
S-9	73+95.42	LT-17.50	H INLET	1023.39	1020.03	3.36	LP; W/ R-3067-7004-V; (2)
S-9A	73+95.42	RT-17.50	H INLET	1023.39	1020.19	3.20	LP; W/ R-3067-7004-V; (2)
S-10	83+22.66	RT-16.67	3X3 SAS	1019.14	1013.59	5.55	W/ R-3067-7004-VB
PEGASUS PL							
S-1A	86+03.49	RT-45.79	4X4 SAS	1013.12	998.57	14.55	LP; W/ R-3067-7004-V
S-1B	86+39.48	LT-45.20	H INLET	1012.48	1009.08	3.40	W/ R-3067-7004-VB
S-1F	234+70.00	LT-17.50	4X4 SAS	1005.61	1000.67	4.94	FP; W/ R-1878-B7G; (1)
S-1G	234+77.50	RT-22.35	PIPE END	-	1002.21	-	-
BOREALIS LN							
S-11	150+46.00	LT-17.50	3X3 SAS	1019.19	1013.59	5.60	FP; LP; W/ R-3067-7004-V; (2)
S-11A	150+46.00	RT-17.50	H INLET	1019.19	1015.79	3.40	LP; W/ R-3067-7004-V; (2)
S-12	152+66.00	LT-17.50	3X3 SAS	1019.06	1014.86	4.20	W/ R-3067-7004-VB
S-13	152+66.00	RT-17.50	3X3 SAS	1019.06	1015.26	3.80	LP; W/ R-3067-7004-V; (2)
OASIS TRL							
S-6B	190+45.00	LT-15.50	H INLET	1022.61	1019.30	3.31	LP; W/ R-3067-7004-V; (2)
S-6C	190+45.00	RT-15.50	H INLET	1022.61	1019.44	3.17	LP; W/ R-3067-7004-V; (2)
BLUE STONE TRL							
S-8B	143+50.00	RT-15.50	4X4 SAS	1023.21	1018.25	4.96	FP; LP; W/ R-3067-7004-V; (2)
S-8C	143+50.00	LT-15.50	4X4 SAS	1023.21	1018.38	4.83	FP; LP; W/ R-3067-7004-V; (2)
S-8D	142+03.52	RT-15.50	PIPE END	-	1019.10	-	W/ MARKER BALL
BRUNETTE DOWNS DR / WOODS FARM RD							
S-14	187+92.24	LT-17.50	3X3 SAS	1021.05	1016.85	4.20	W/ R-3067-7004-VB
S-14A	187+92.05	RT-17.50	H INLET	1021.12	1017.72	3.40	W/ R-3067-7004-VB
S-15	186+84.32	LT-17.50	H INLET	1025.48	1021.98	3.50	
S-18	191+49.83	LT-17.73	3X3 SAS	1008.01	1004.49	3.52	FP; LP; W/ R-3067-7004-V; (2)
S-19	191+50.00	RT-17.50	H INLET	1008.01	1005.15	2.86	FP; LP; W/ R-3067-7004-V; (2)
REINER RD							
S-16	54+00.00	LT-41.35	18" RCP AE	-	1003.77	-	W/ GATE
S-17	52+97.45	LT-47.40	3X3 SAS	1008.01	1004.29	3.72	FP; W/ R-3067-7004-VB
S-20	52+02.45	LT-47.40	3X3 SAS	1009.09	1005.57	3.52	W/ R-3067-7004-VB
S-21	51+65.05	LT-40.22	12" RCP AE	-	1006.22	-	W/ GATE

NOTES
 (1) BOX OUT TO EAST FOR FUTURE 18"
 (2) SEE CITY OF MADISON SDD 5.7.7A

STORM SEWER SCHEDULE

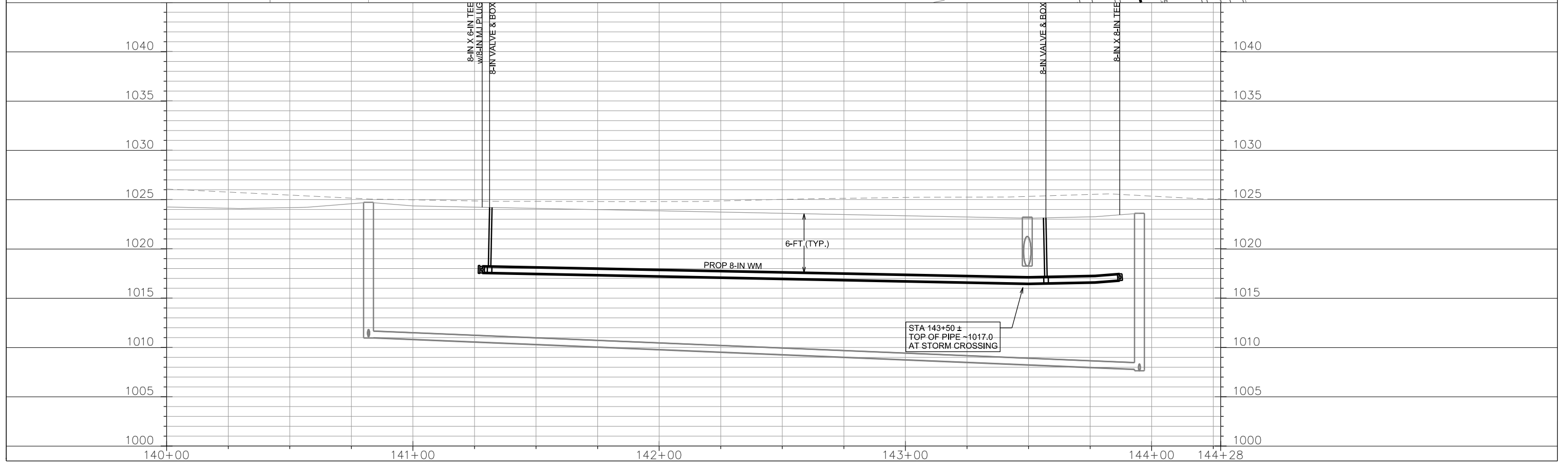
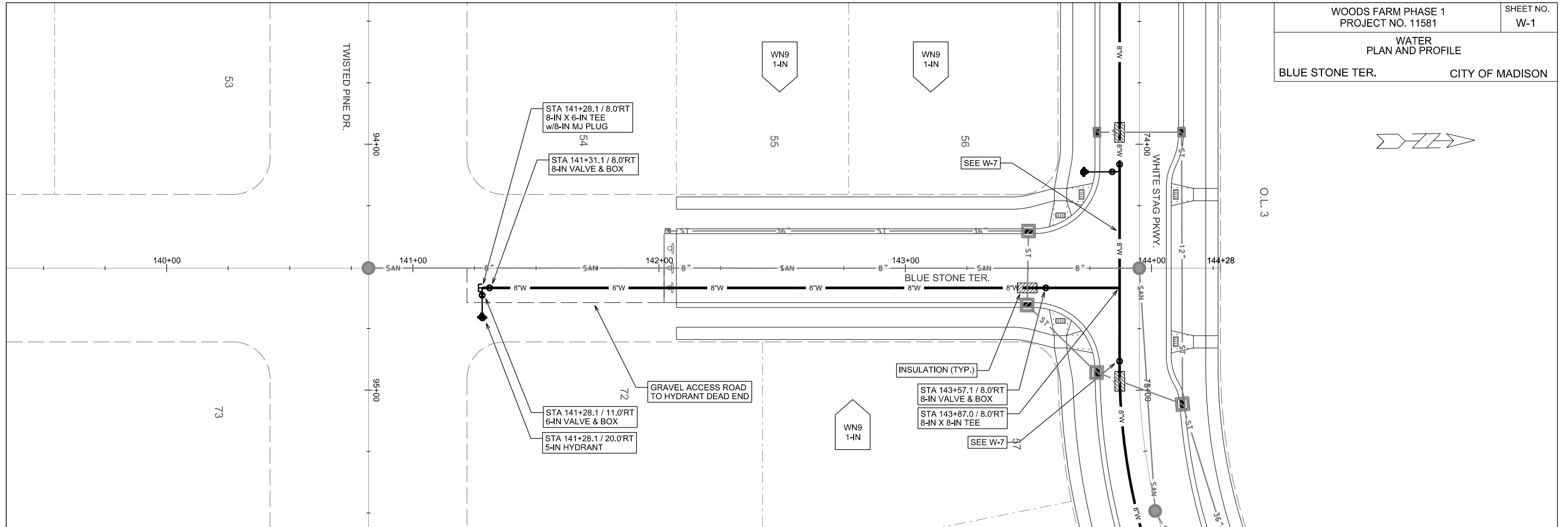
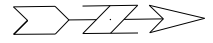
PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-0	S-0	S-1	996.00	996.79	159	157	0.50%	54"	TYPE 1	-
P-1	S-1	S-2	1004.87	1009.88	158	153	3.27%	42"	TYPE 1	-
P-1A	S-1	S-1A	998.29	998.57	59	55	0.51%	36"	TYPE 1	-
P-1B	S-1A	S-1B	1008.92	1009.08	34	32	0.50%	12"	TYPE 1	-
P-1C	S-1	S-1C	1007.12	1007.45	59	55	0.60%	15"	TYPE 1	-
P-1D	S-1C	S-1D	1007.70	1007.85	31	29	0.52%	12"	TYPE 1	-
P-1E	S-1	S-1E	1007.37	1010.36	40	35	8.54%	12"	TYPE 1	-
P-1F	S-1A	S-1F	998.57	1000.67	424	421	0.50%	36"	TYPE 2	-
P-1G	S-1F	S-1G	1002.17	1002.21	9	7	0.57%	18"	TYPE 2	-
P-2	S-2	S-3	1009.88	1010.89	71	67	1.51%	42"	TYPE 1	-
P-3	S-3	S-4	1010.89	1012.77	129	125	1.50%	42"	TYPE 1	-
P-4	S-4	S-5	1012.77	1014.30	163	159	0.96%	42"	TYPE 1	-
P-4A	S-4	S-4A	1015.27	1016.76	30	27	5.52%	12"	TYPE 1	-
P-5	S-5	S-6	1014.30	1016.05	354	350	0.50%	42"	TYPE 1	-
P-5A	S-5	S-5A	1016.80	1017.80	67	63	1.59%	12"	TYPE 1	-
P-6	S-6	S-7	1016.55	1016.98	89	85	0.51%	36"	TYPE 1	-
P-6A	S-6	S-6A	1018.55	1019.12	32	29	1.97%	12"	TYPE 1	-
P-6B	S-6A	S-6B	1019.12	1019.30	38	35	0.51%	12"	TYPE 1	-
P-6C	S-6B	S-6C	1019.30	1019.44	30	28	0.50%	12"	TYPE 1	-
P-7	S-7	S-8	1016.98	1017.49	106	102	0.50%	36"	TYPE 1	-
P-7A	S-7	S-7A	1018.98	1019.56	35	32	1.81%	12"	TYPE 1	-
P-8	S-8	S-9	1019.49	1020.03	111	107	0.50%	12"	TYPE 1	-
P-8A	S-8	S-8A	1017.49	1018.08	37	33	1.79%	36"	TYPE 1	-
P-8B	S-8A	S-8B	1018.08	1018.25	39	34	0.50%	36"	TYPE 1	-
P-8C	S-8B	S-8C	1018.25	1018.38	30	26	0.50%	36"	TYPE 1	-
P-8D	S-8C	S-8D	1018.38	1019.10	147	145	0.50%	36"	TYPE 1	-
P-9	S-9	S-9A	1020.03	1020.19	34	32	0.50%	12"	TYPE 1	-
P-10	S-9	S-10	1012.89	1013.59	55	51	1.37%	18"	TYPE 1	-
P-11	S-10	S-11	1013.59	1013.77	39	36	0.50%	18"	TYPE 1	-
P-11A	S-11	S-11A	1014.09	1015.79	35	33	5.15%	12"	TYPE 1	-
P-12	S-11	S-12	1013.77	1014.86	221	218	0.50%	18"	TYPE 1	-
P-13	S-12	S-13	1014.86	1015.26	34	32	1.25%	15"	TYPE 1	-
P-14	S-13	S-14	1015.26	1016.85	40	36	4.42%	15"	TYPE 1	-
P-14A	S-14	S-14A	1017.10	1017.72	35	32	1.94%	12"	TYPE 1	-
P-15	S-14	S-15	1016.85	1021.98	109	106	4.84%	15"	TYPE 1	-
P-16	S-16	S-17	1003.77	1004.29	103	101	0.51%	18"	TYPE 1	-
P-17	S-17	S-18	1004.29	1004.49	43	39	0.51%	18"	TYPE 1	-
P-18	S-18	S-19	1004.99	1005.15	34	32	0.50%	12"	TYPE 1	-
P-19	S-19	S-20	1005.15	1005.57	42	39	1.08%	12"	TYPE 1	-
P-20	S-20	S-21	1005.57	1006.22	38	37	1.76%	12"	TYPE 1	-

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 ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.



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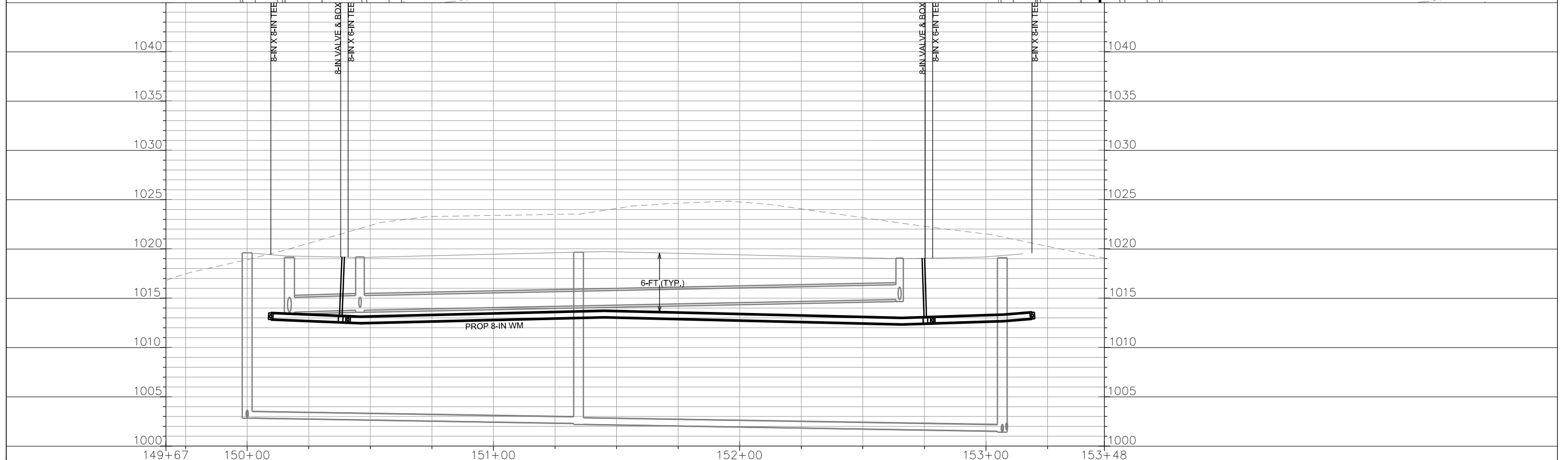
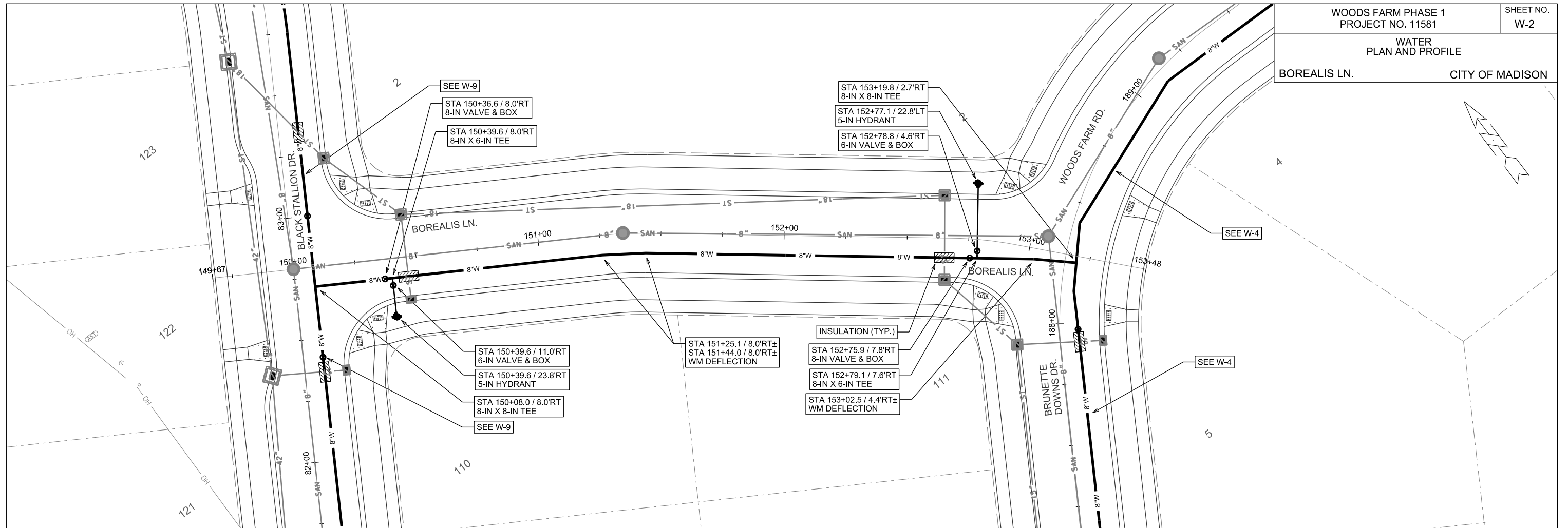
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER
PLAN AND PROFILE

BOREALIS LN. CITY OF MADISON

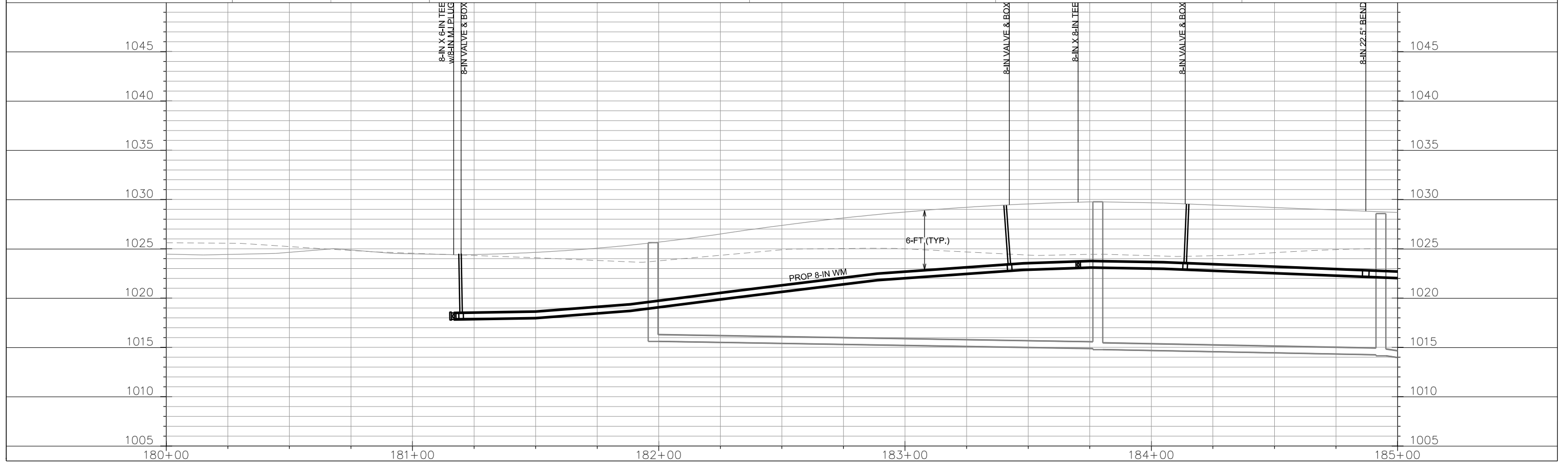
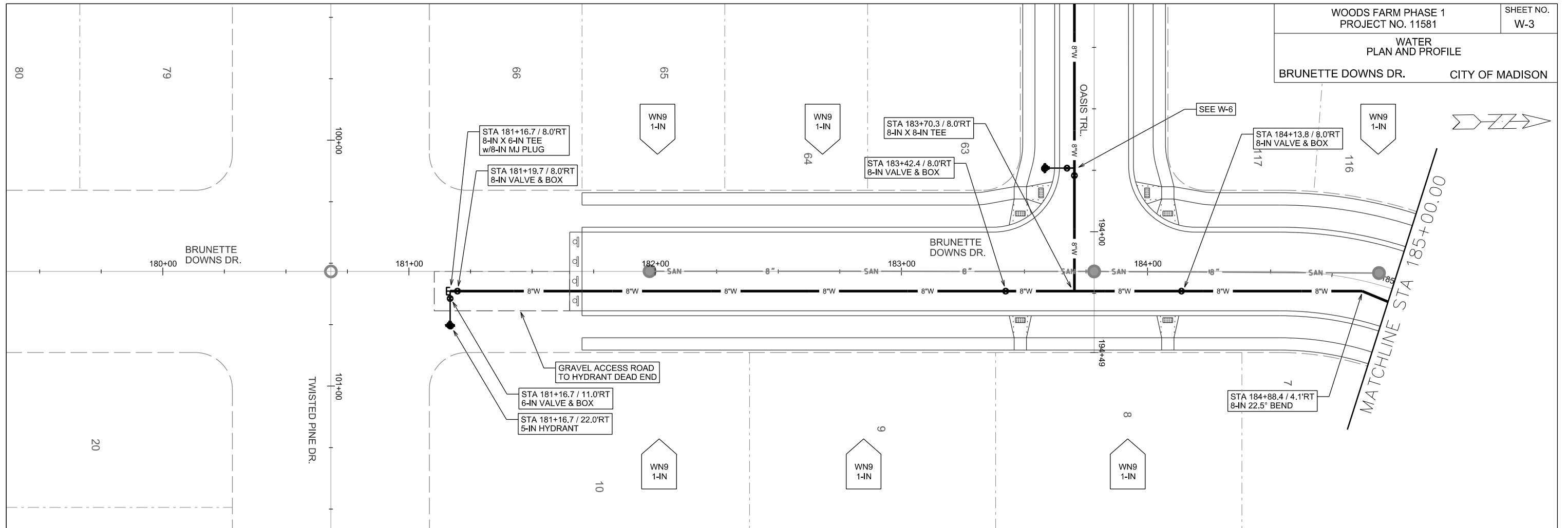


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



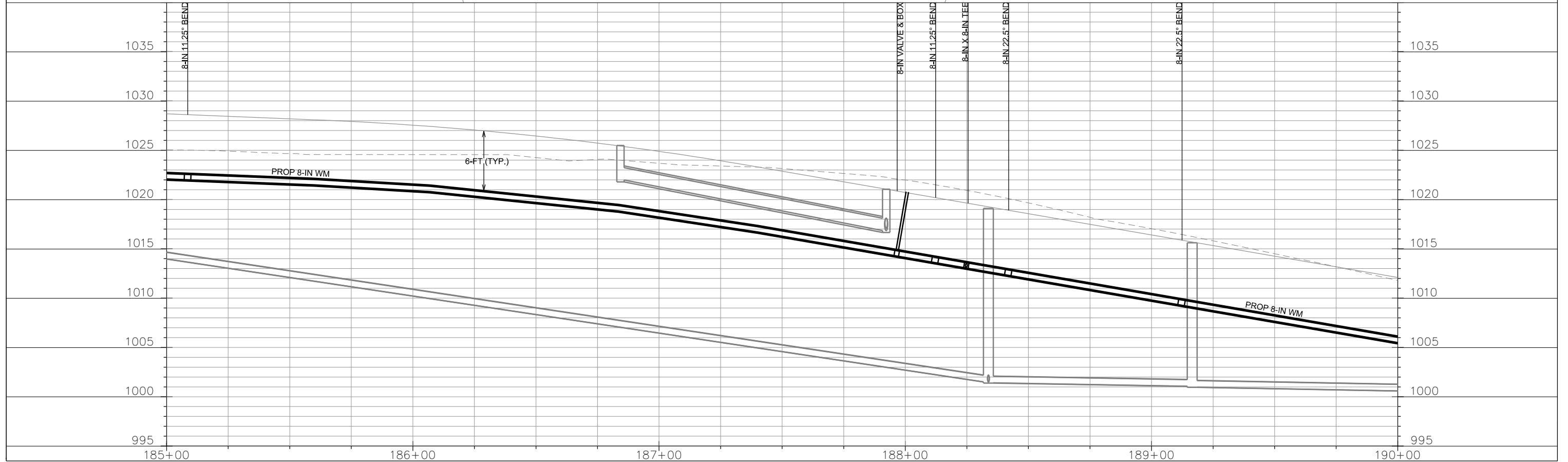
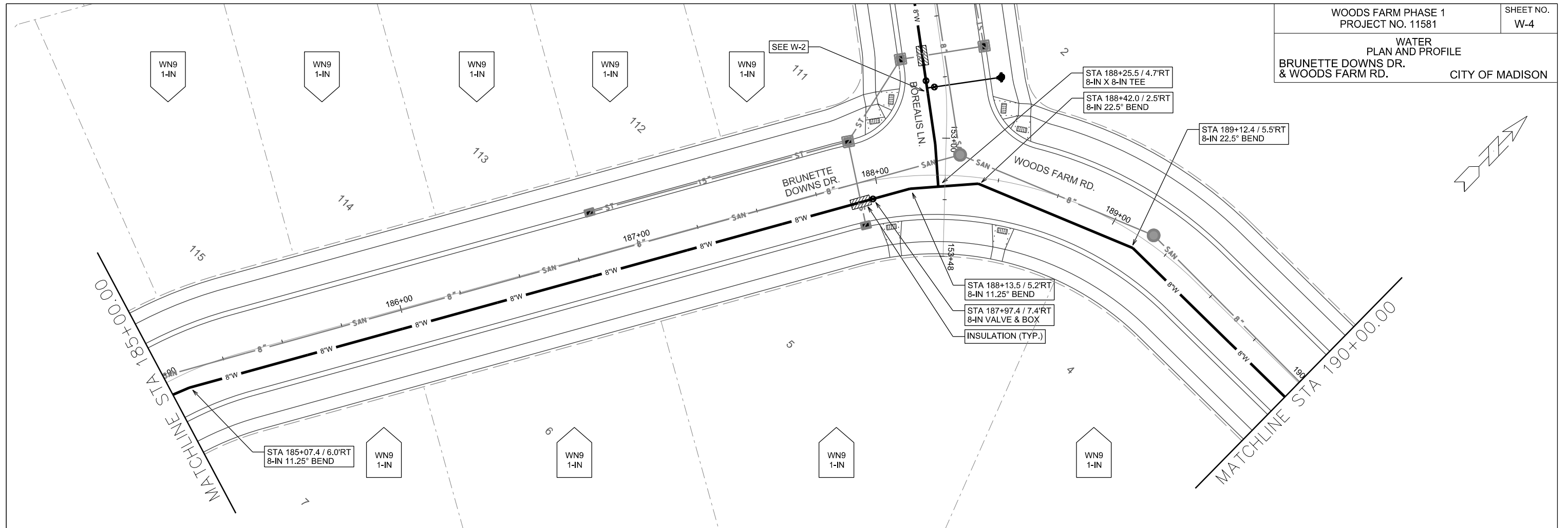
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PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER
PLAN AND PROFILE
BRUNETTE DOWNS DR.
& WOODS FARM RD. CITY OF MADISON



PLOT SCALE:

PLOT NAME:

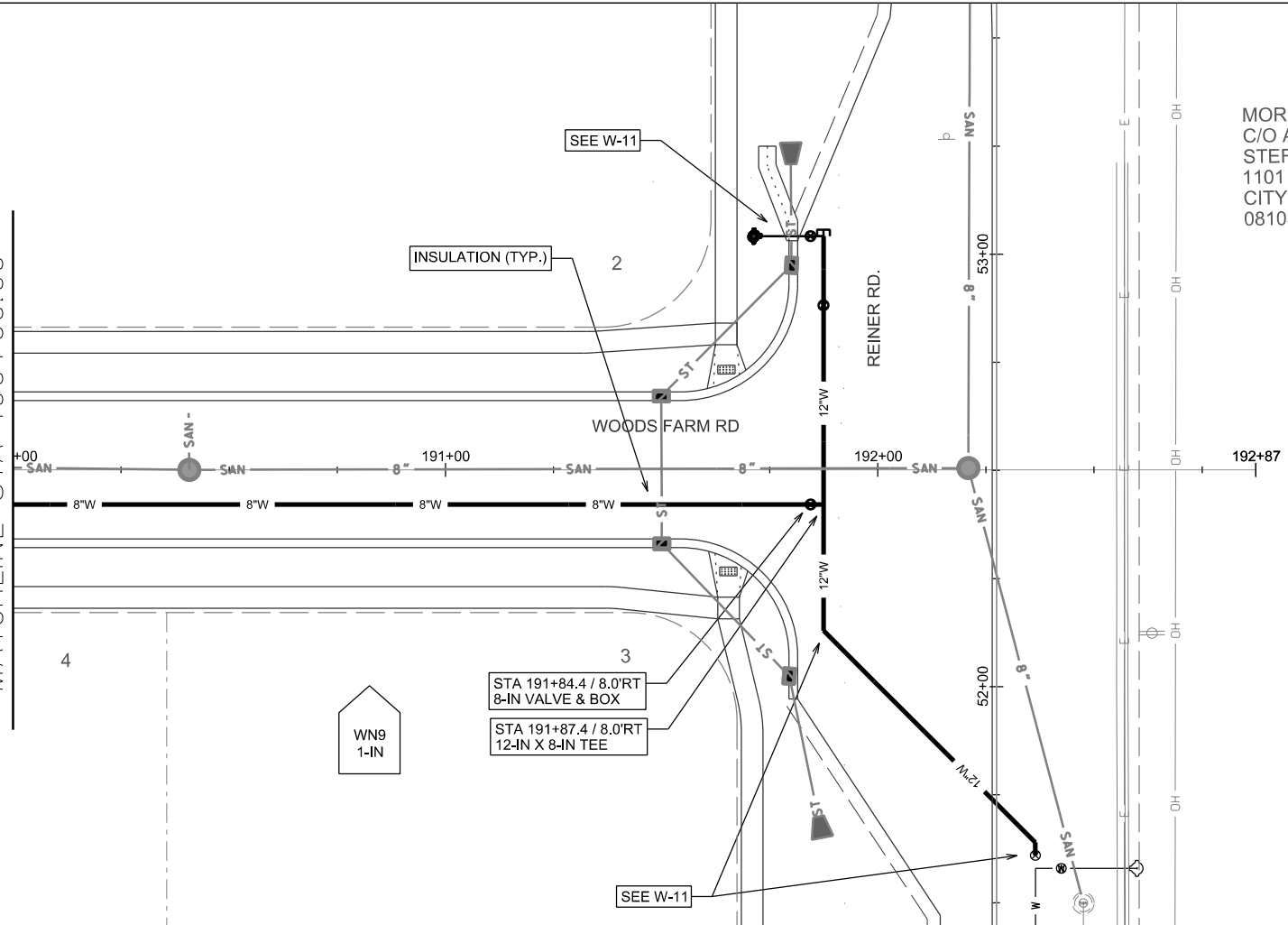
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

MOR HOLDINGS LLC
C/O ARLYN
STEFFENSON
1101 REINER RD
CITY OF MADISON
081036200989



MATCHLINE STA 190+00.00

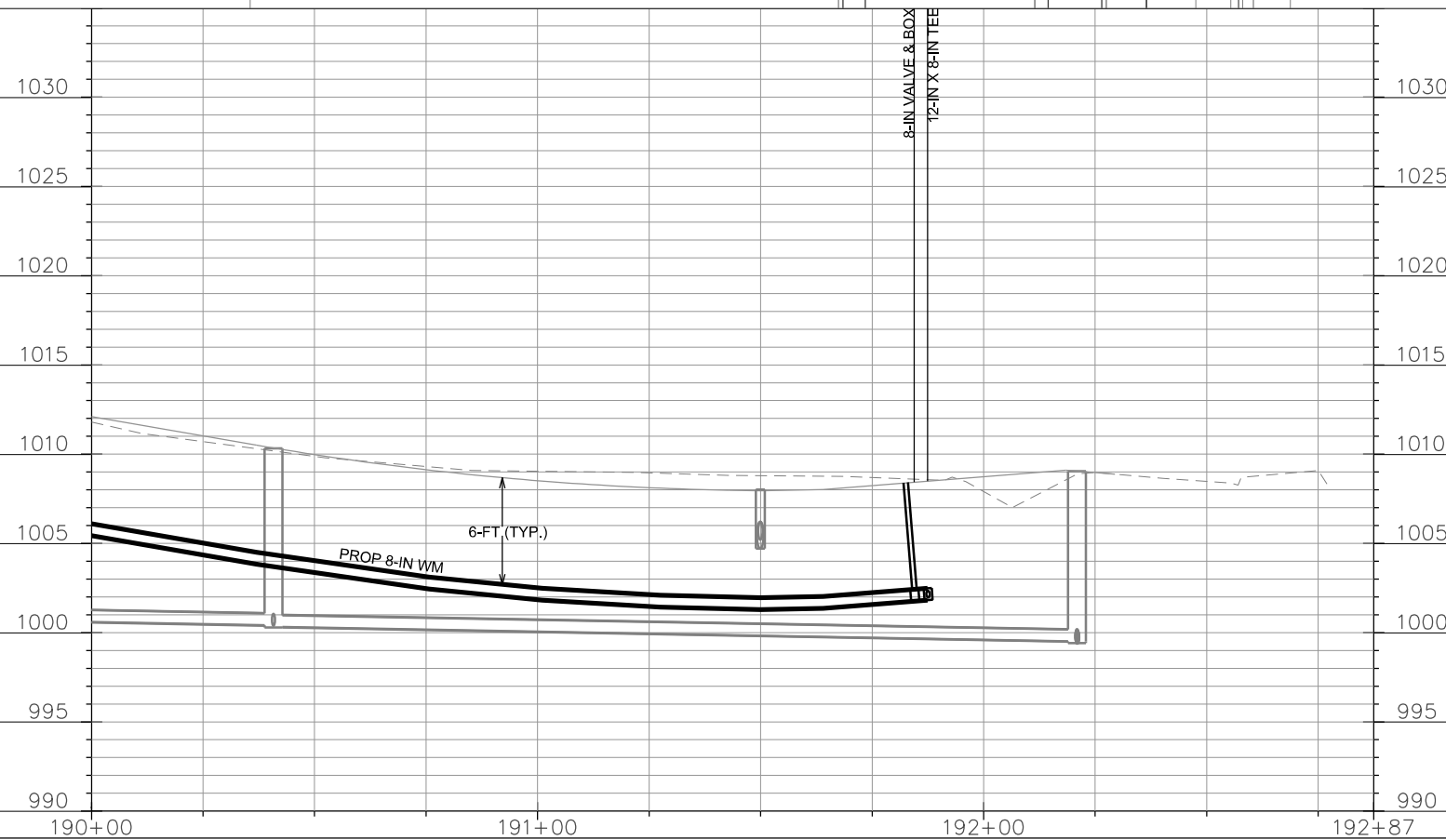


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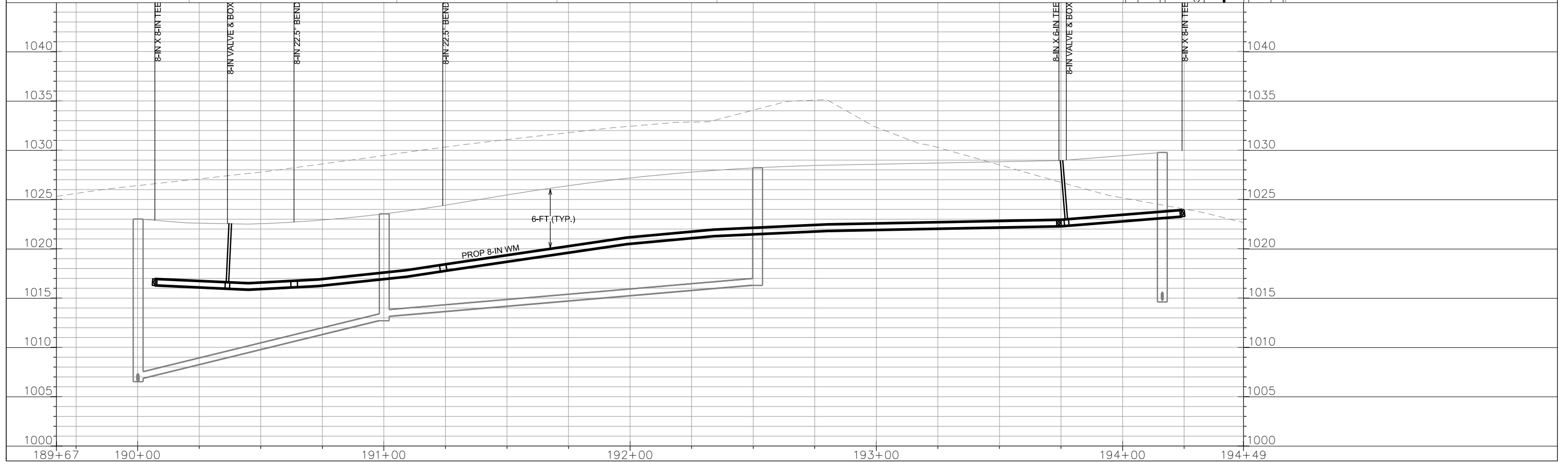
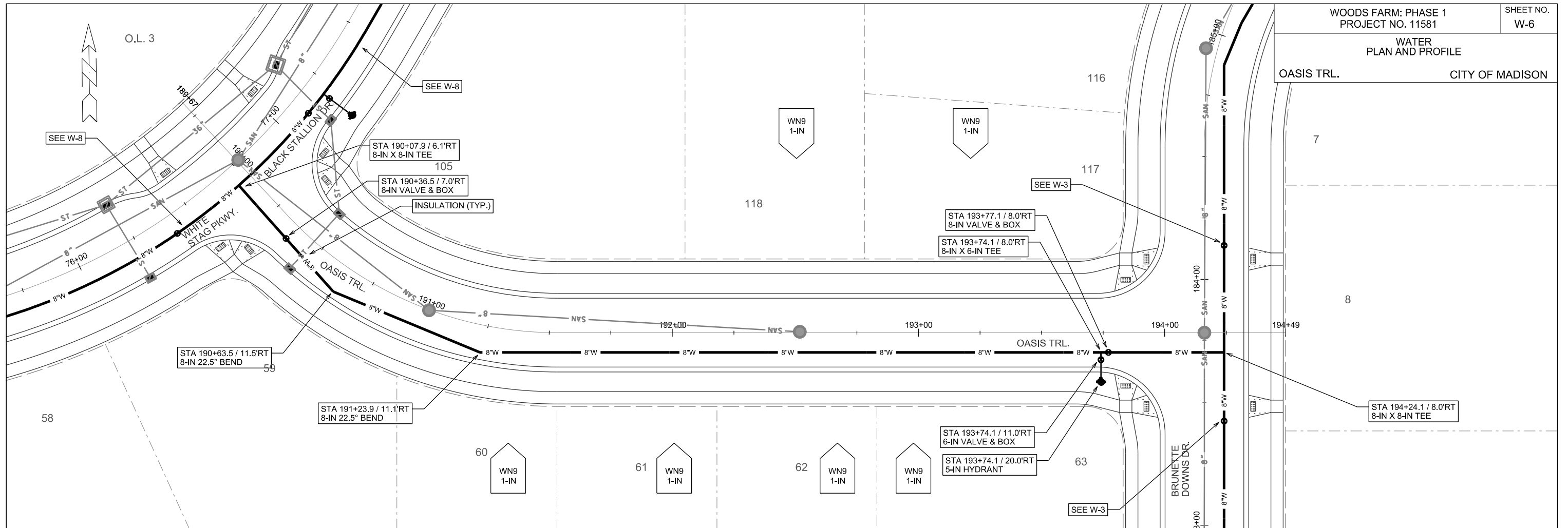
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



WATER
PLAN AND PROFILE

OASIS TRL. CITY OF MADISON



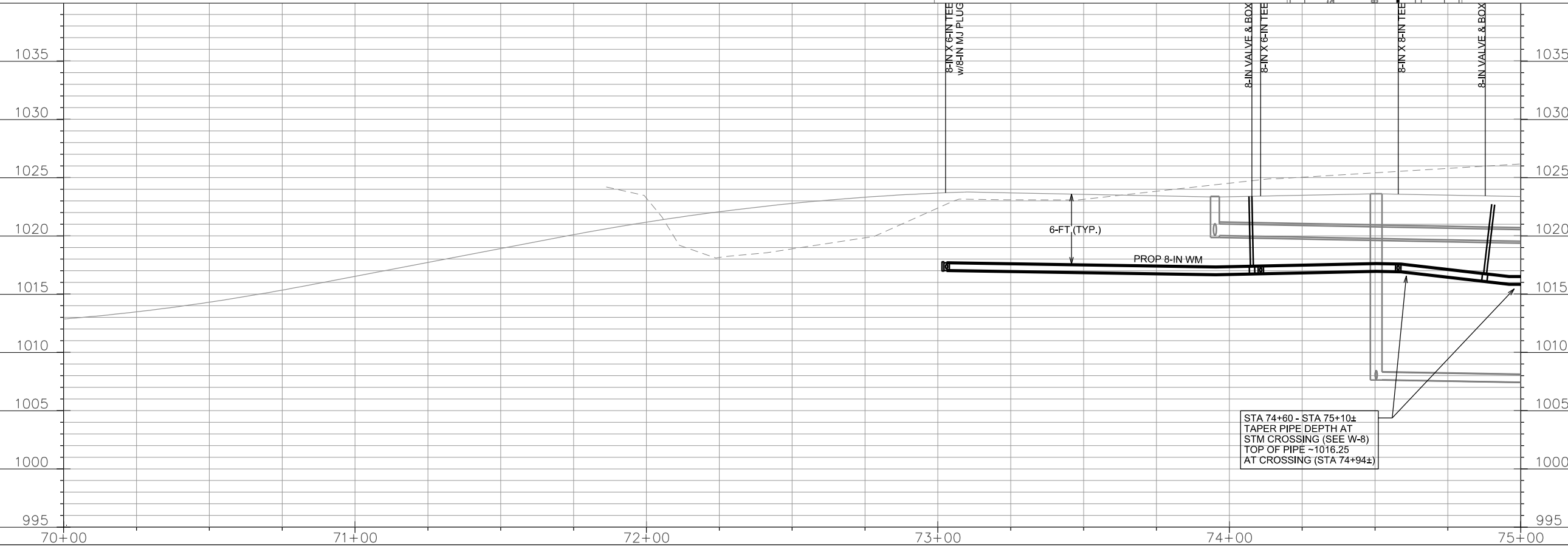
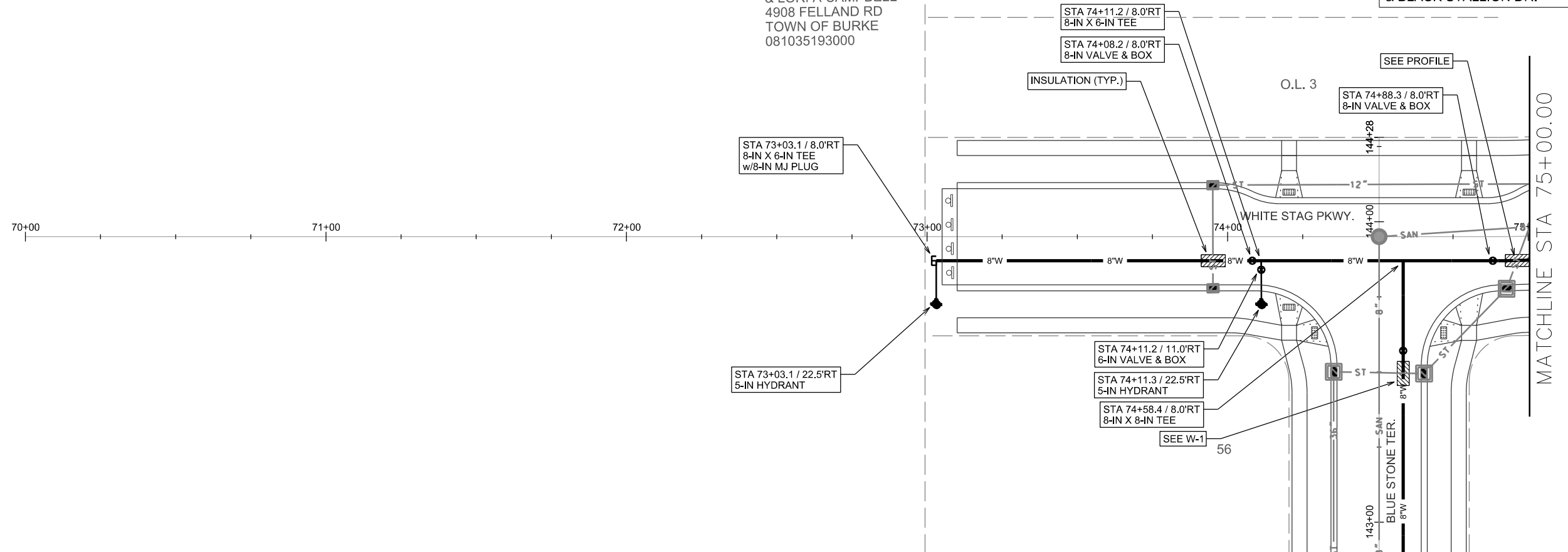
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

DUNCAN R CAMPBELL
& LORI A CAMPBELL
4908 FELLAND RD
TOWN OF BURKE
081035193000



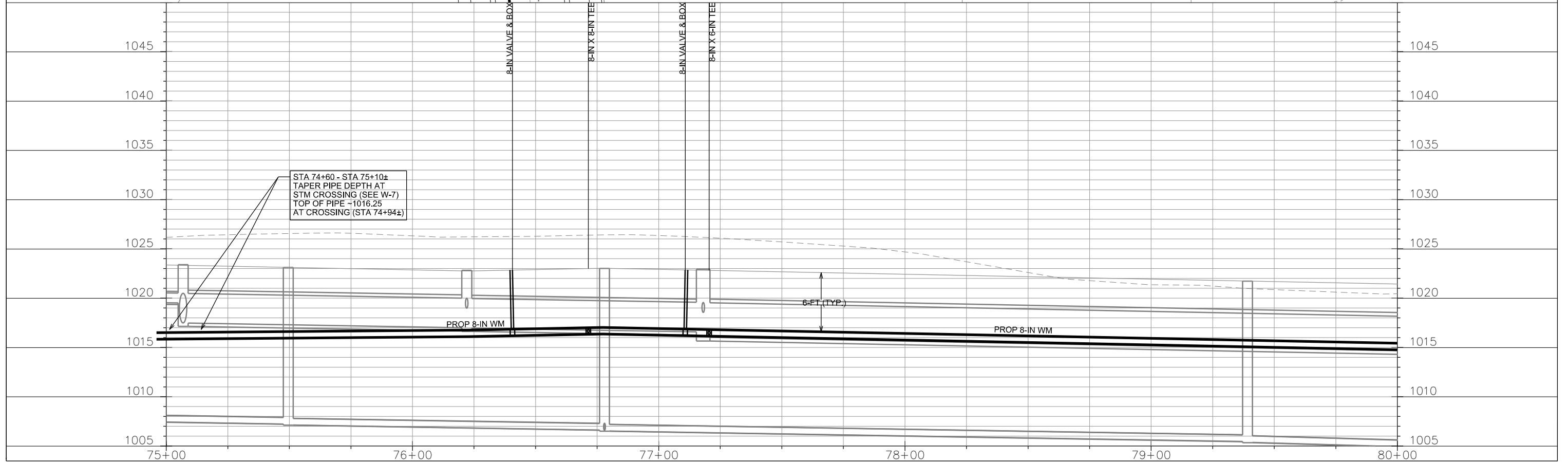
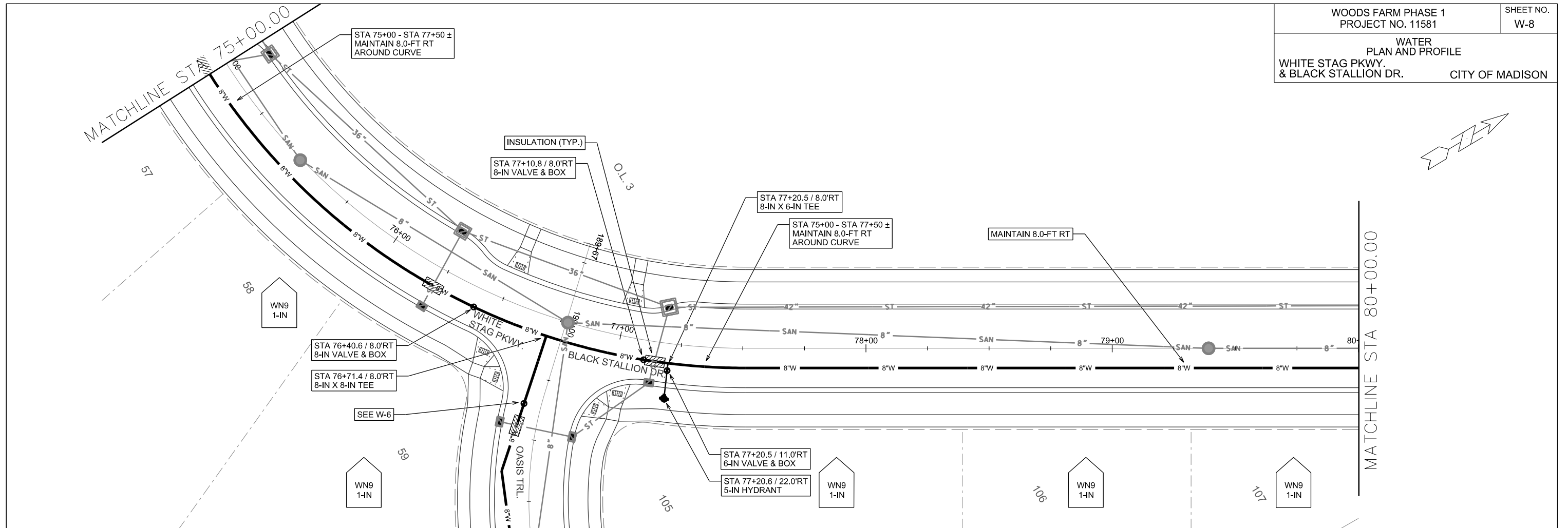
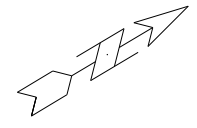
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER
PLAN AND PROFILE
WHITE STAG PKWY.
& BLACK STALLION DR. CITY OF MADISON



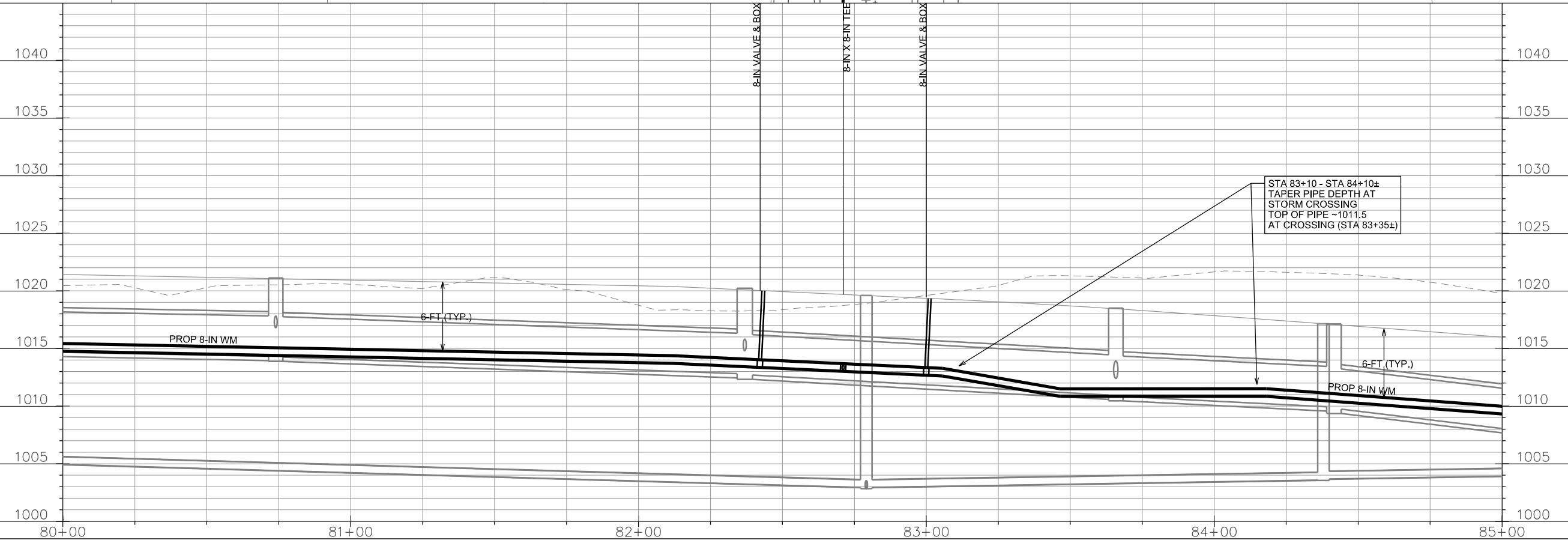
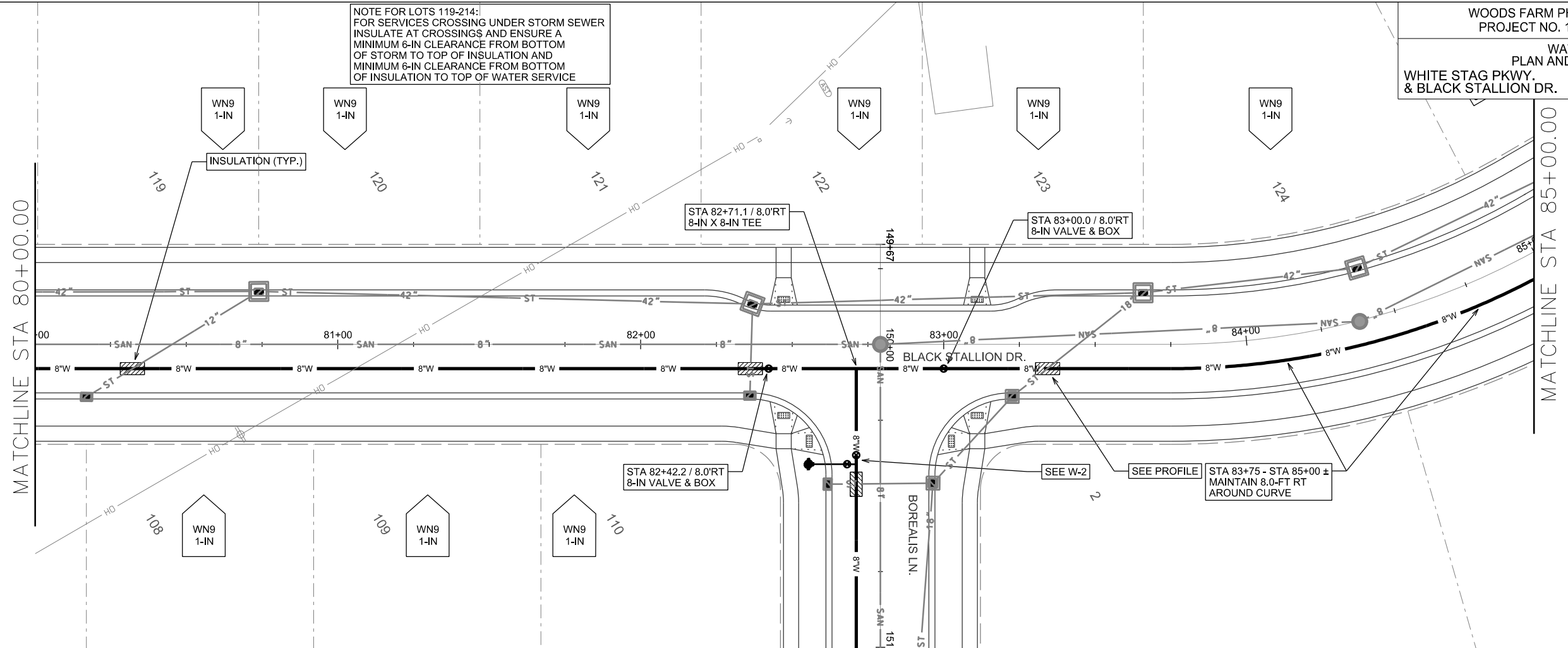
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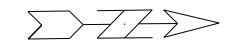
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTE FOR LOTS 119-214:
FOR SERVICES CROSSING UNDER STORM SEWER
INSULATE AT CROSSINGS AND ENSURE A
MINIMUM 6-IN CLEARANCE FROM BOTTOM
OF STORM TO TOP OF INSULATION AND
MINIMUM 6-IN CLEARANCE FROM BOTTOM
OF INSULATION TO TOP OF WATER SERVICE

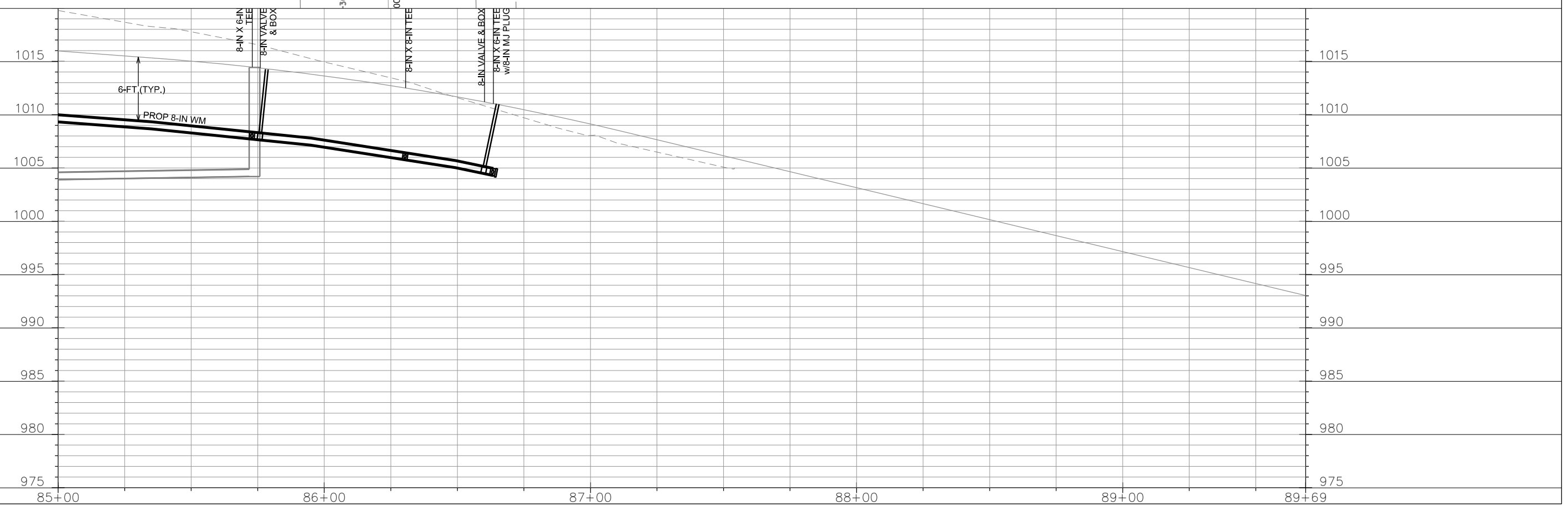
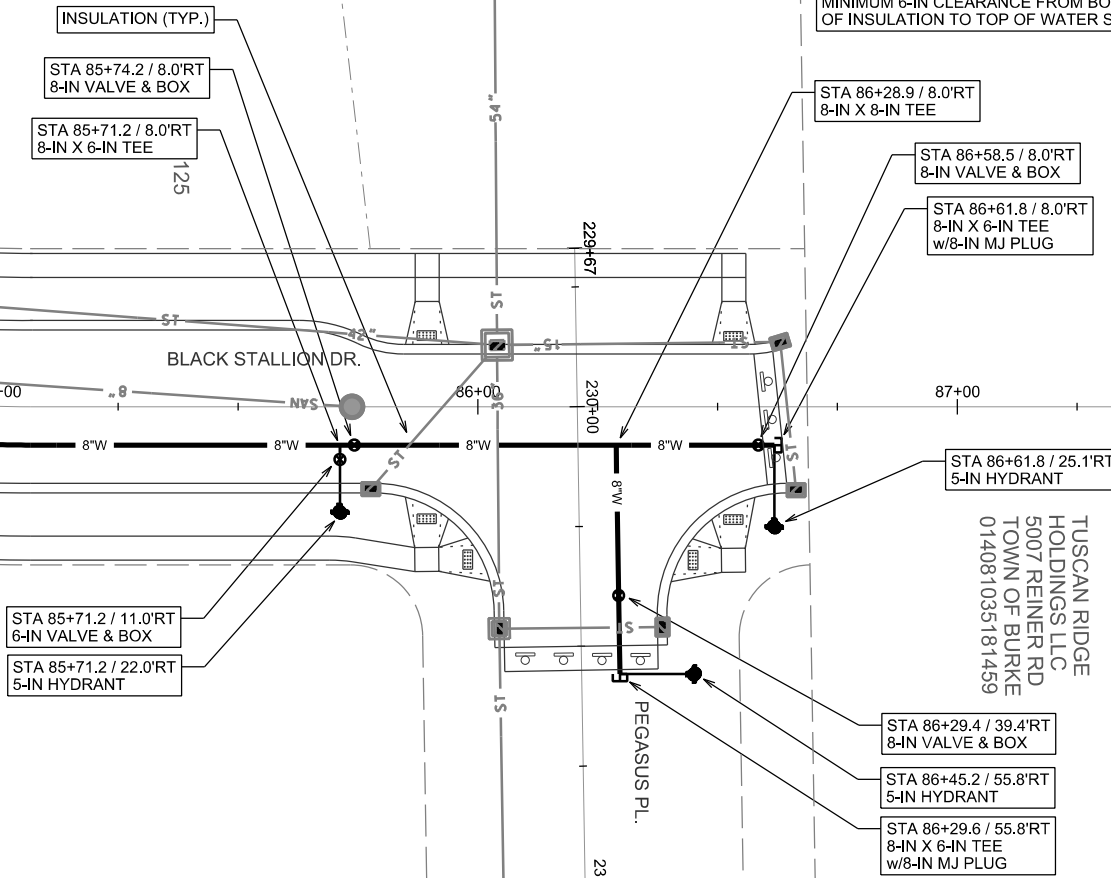


PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

NOTE FOR LOTS 125:
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MINIMUM 6-IN CLEARANCE FROM BOTTOM
OF STORM TO TOP OF INSULATION AND
MINIMUM 6-IN CLEARANCE FROM BOTTOM
OF INSULATION TO TOP OF WATER SERVICE



MATCHLINE STA 85+00.00

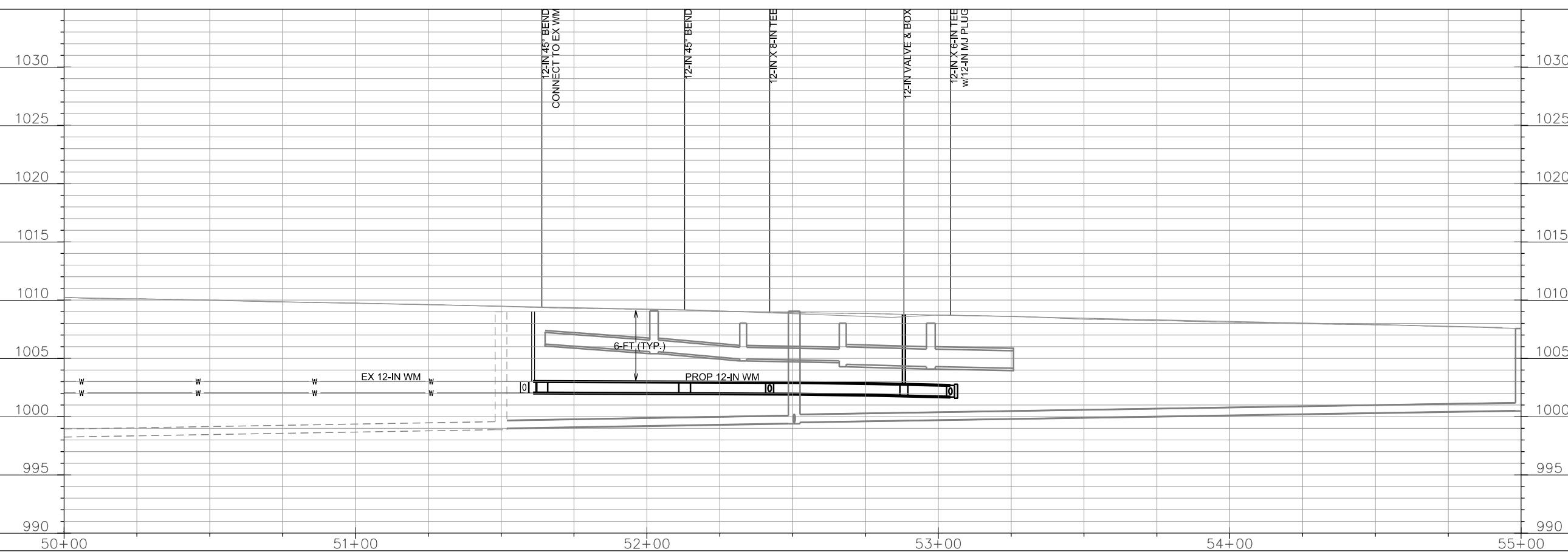
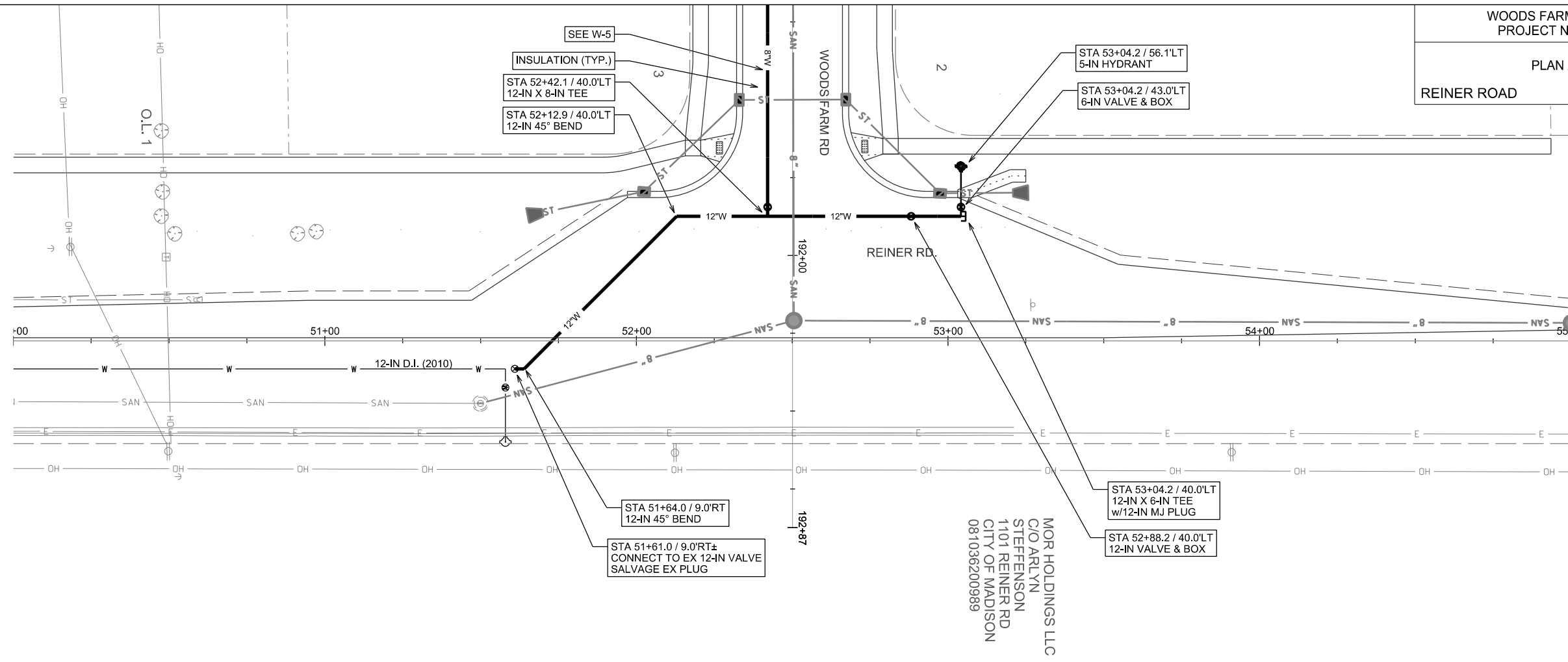
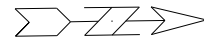


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S 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.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

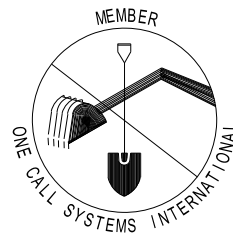
* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

WATER MAIN / FITTING MATERIALS	
6-IN PIPE (LF)	190
8-IN PIPE (LF)	3480
12-IN PIPE (LF)	170
POLY WRAP (LF)	4250
6-IN VALVES & BOXES	9
8-IN VALVES & BOXES	20
12-IN VALVES & BOXES	1
8-IN X 6-IN TEES	11
8-IN X 8-IN TEES	11
12-IN X 6-IN TEES	1
12-IN X 8-IN TEES	1
8-IN 11.25° BENDS	2
8-IN 22.5° BENDS	5
12-IN 45° BENDS	2
8-IN MJ PLUGS	5
12-IN MJ PLUGS	1
5-IN HYDRANTS	12
SALVAGED MATERIALS	
12-IN MJ PLUGS	1
MISC. MATERIALS	
2-IN INSULATION (LF)	AS REQ
COPPER TUBING (1-IN TO 2-IN)	AS REQ

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.

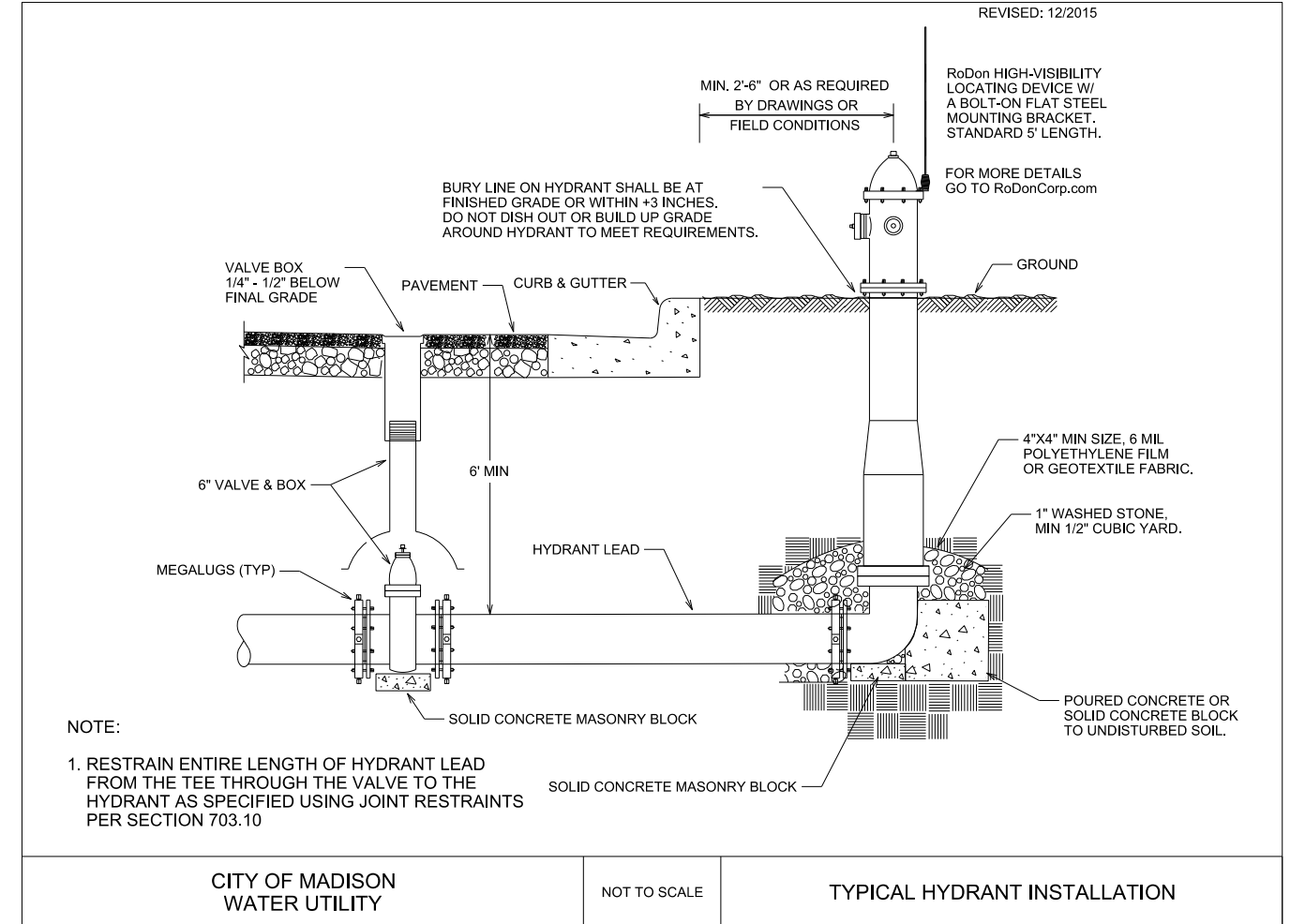


DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 12/2015



CITY OF MADISON
WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

REINER RD.

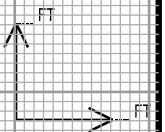
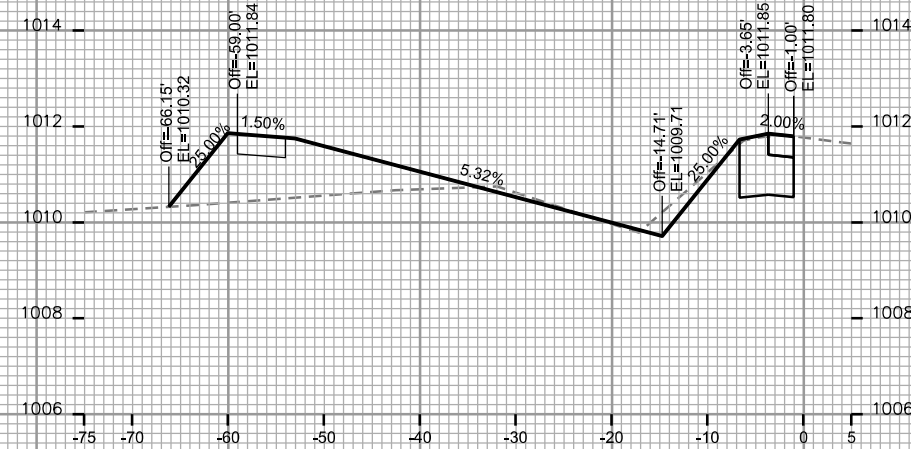
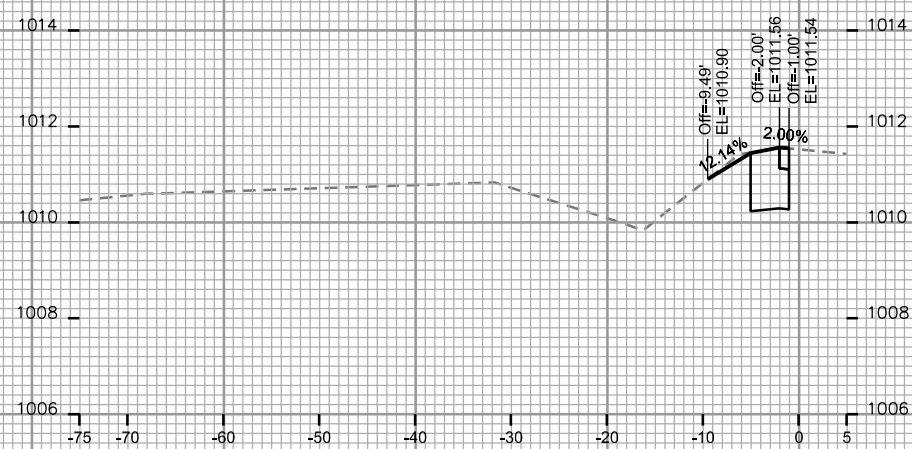
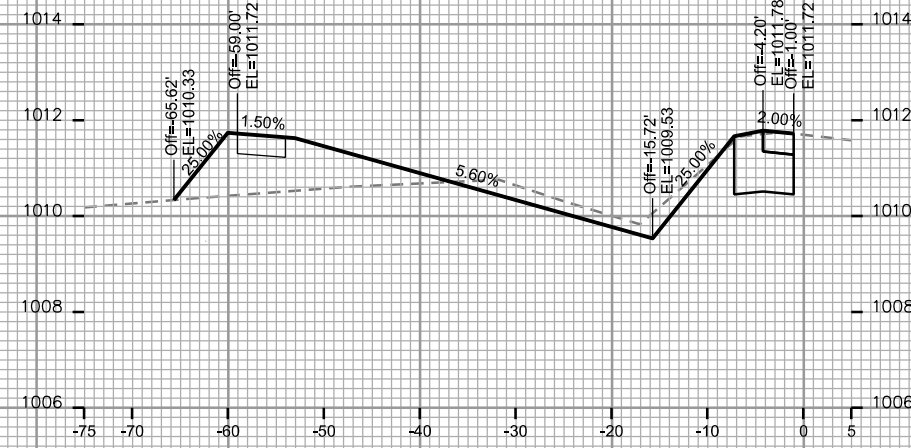
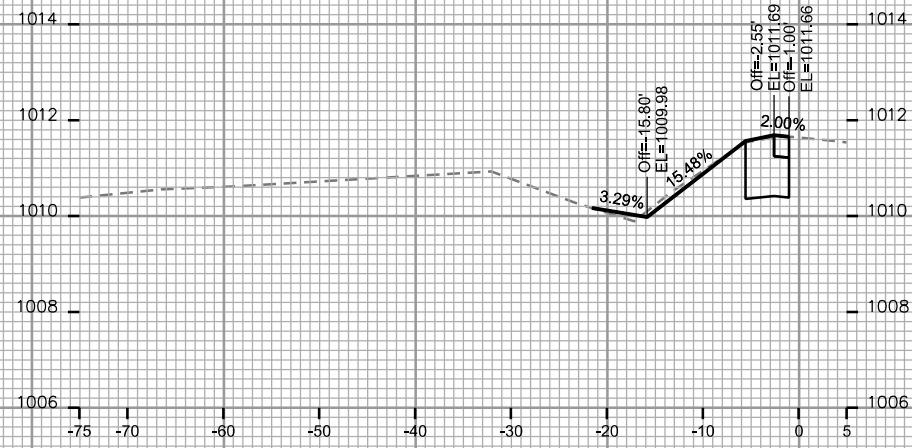
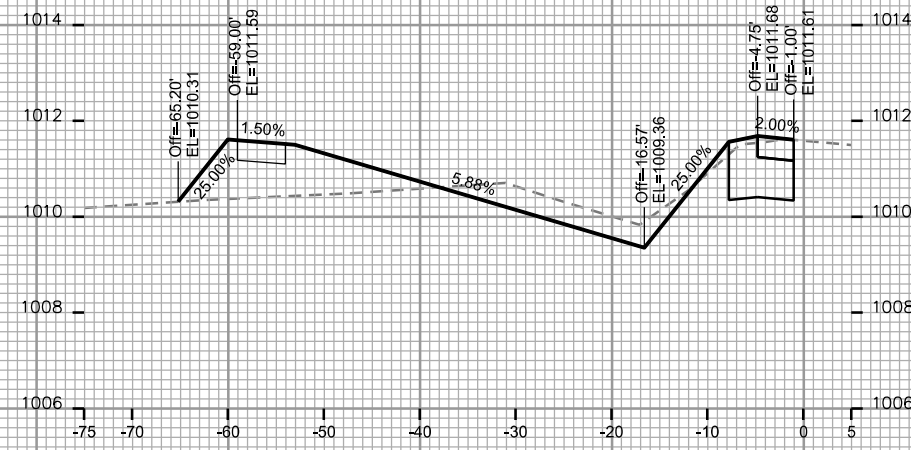
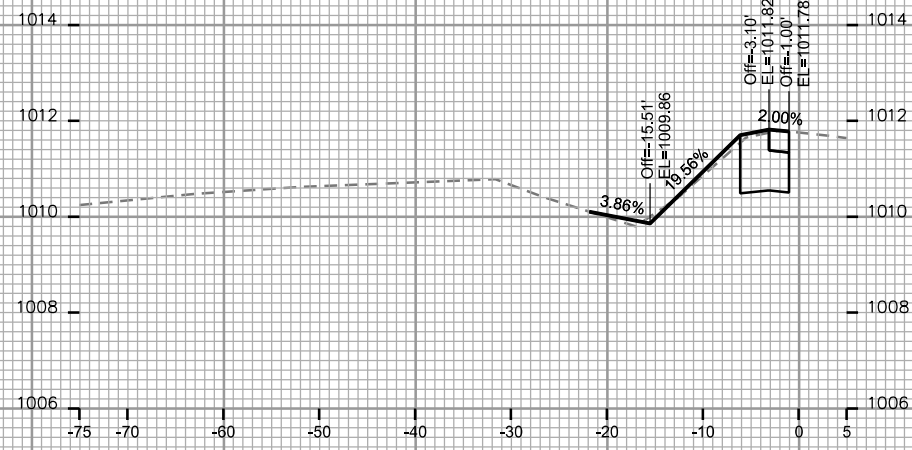
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

REINER RD.

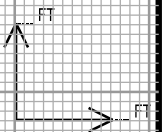
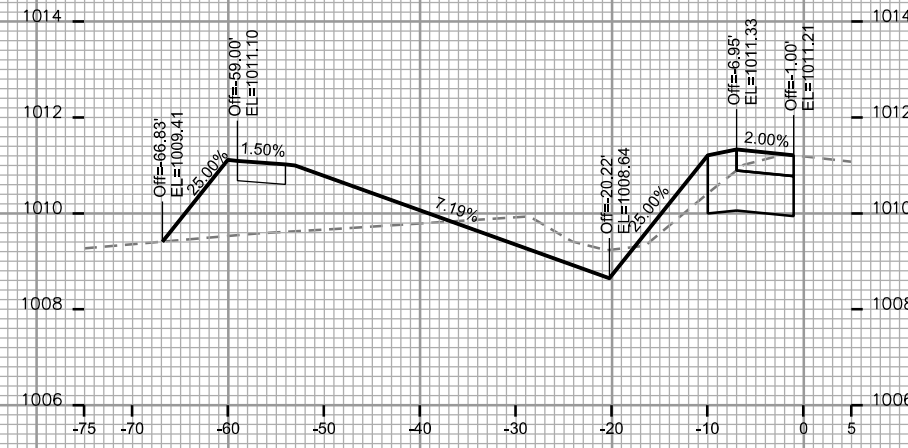
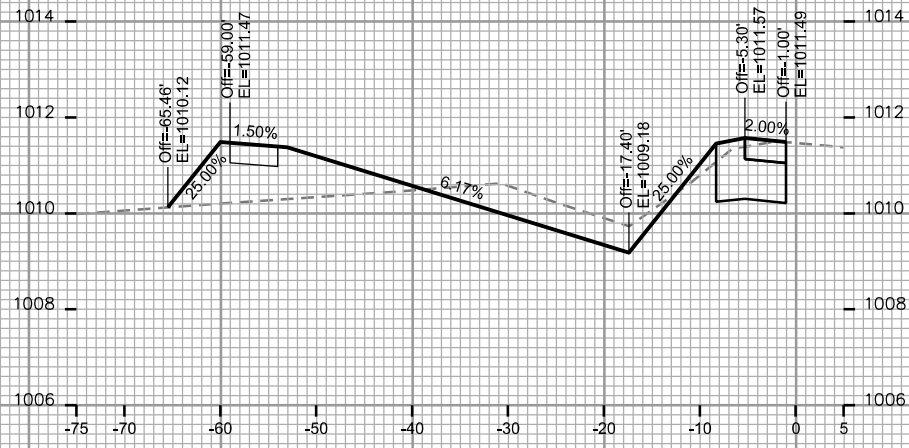
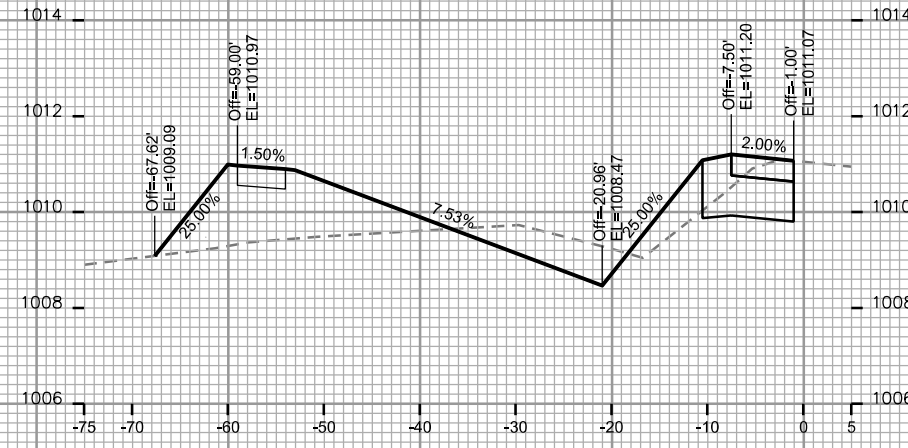
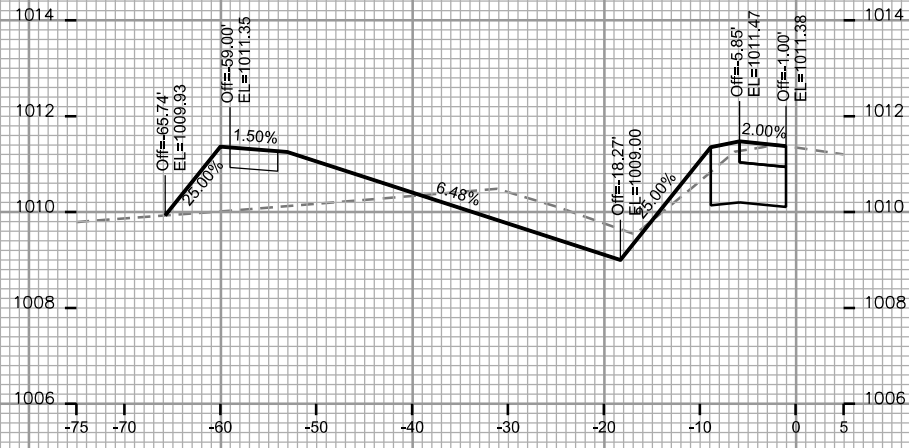
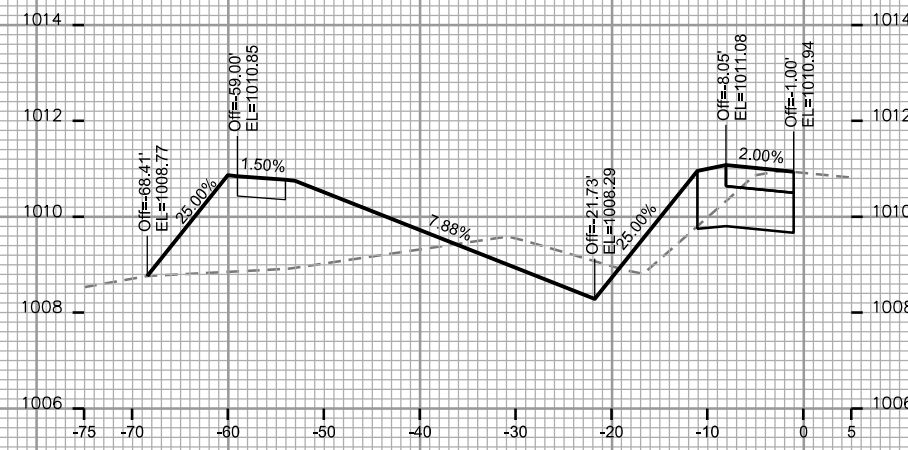
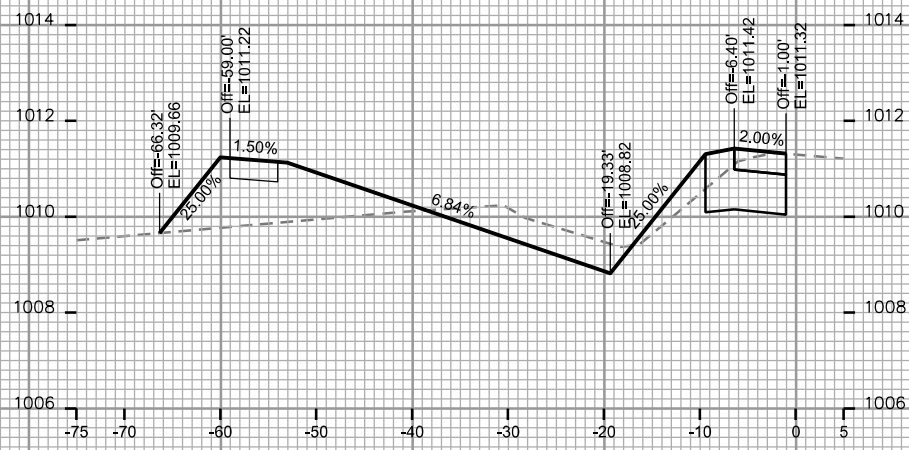
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON STREETS DIVISION



CROSS SECTIONS

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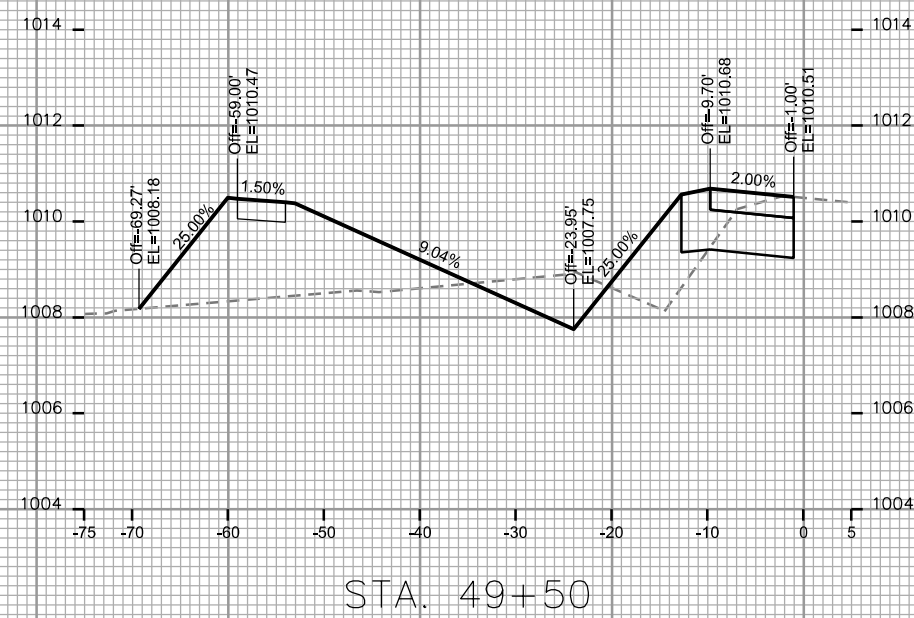
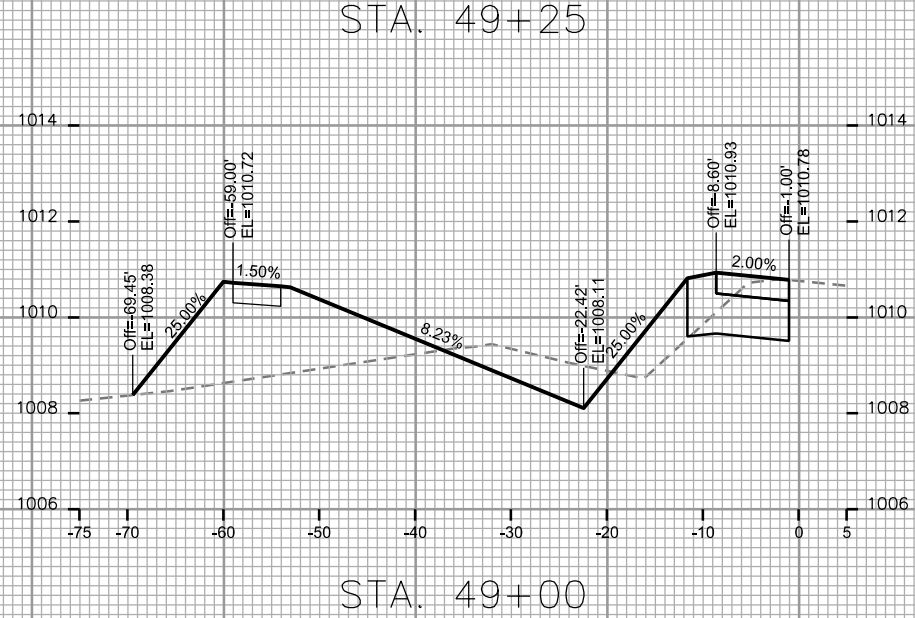
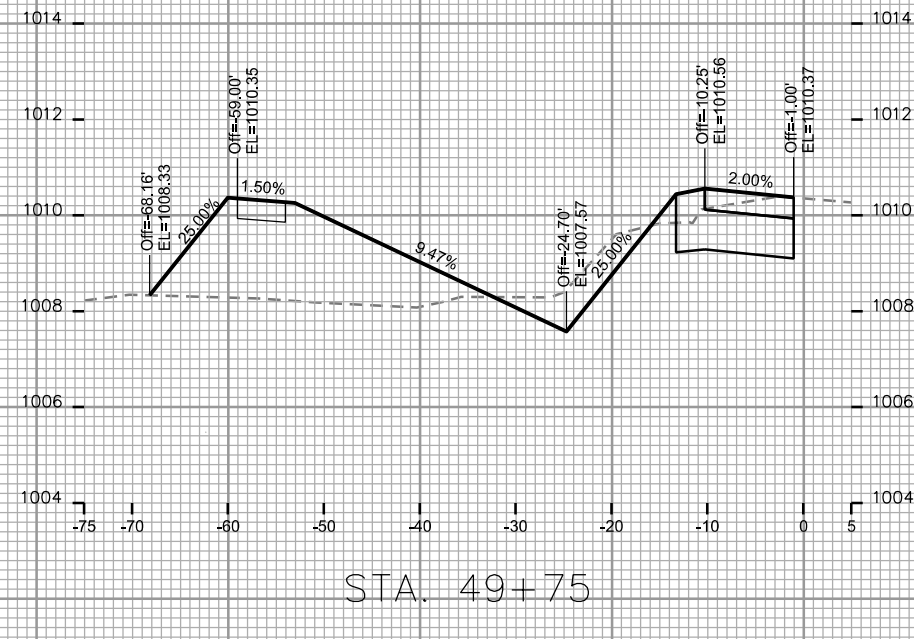
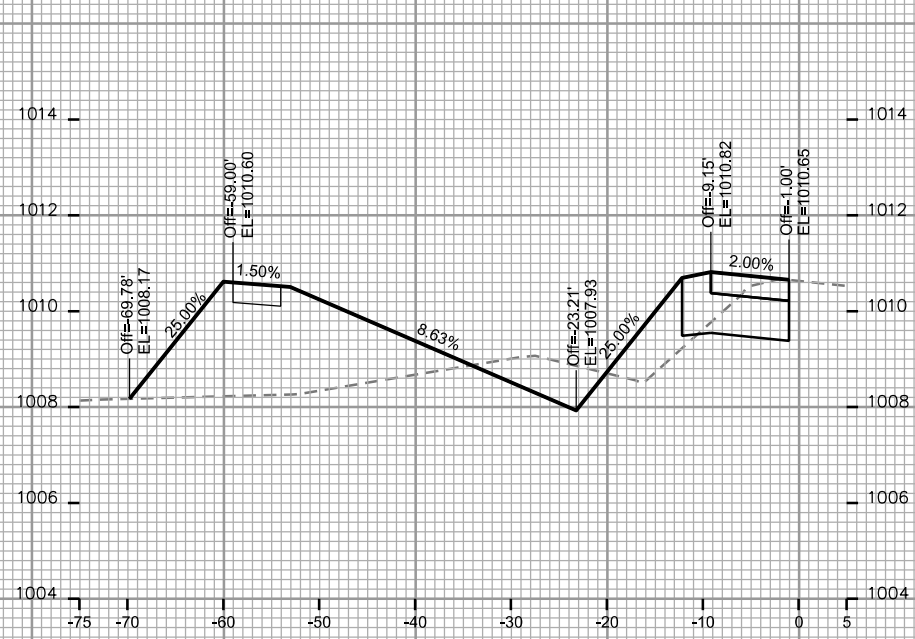
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

REINER RD.

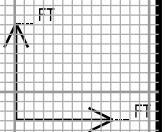
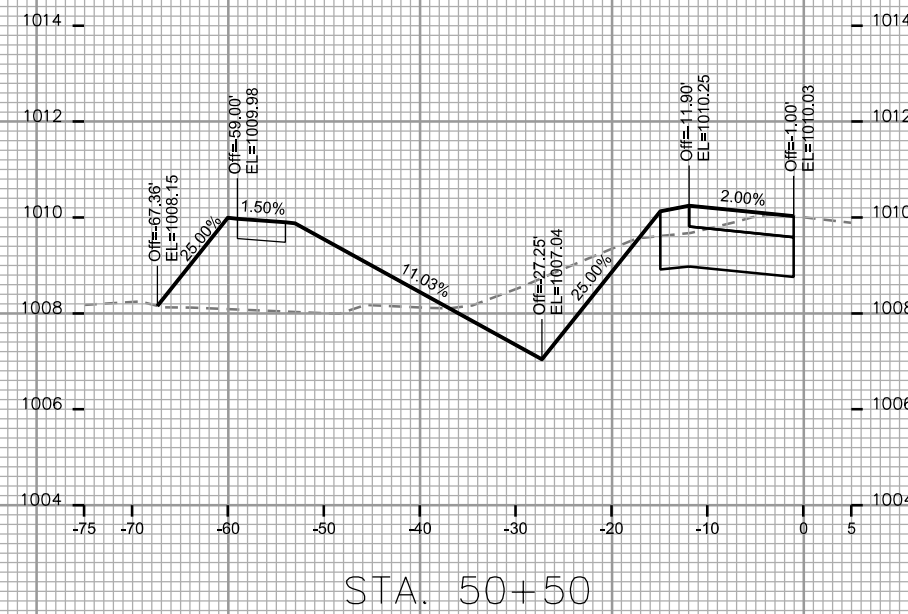
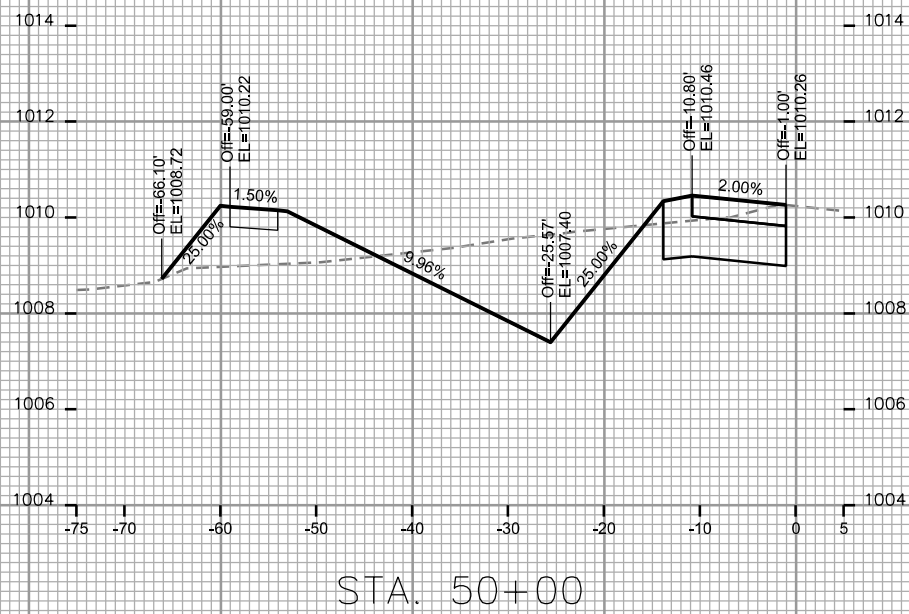
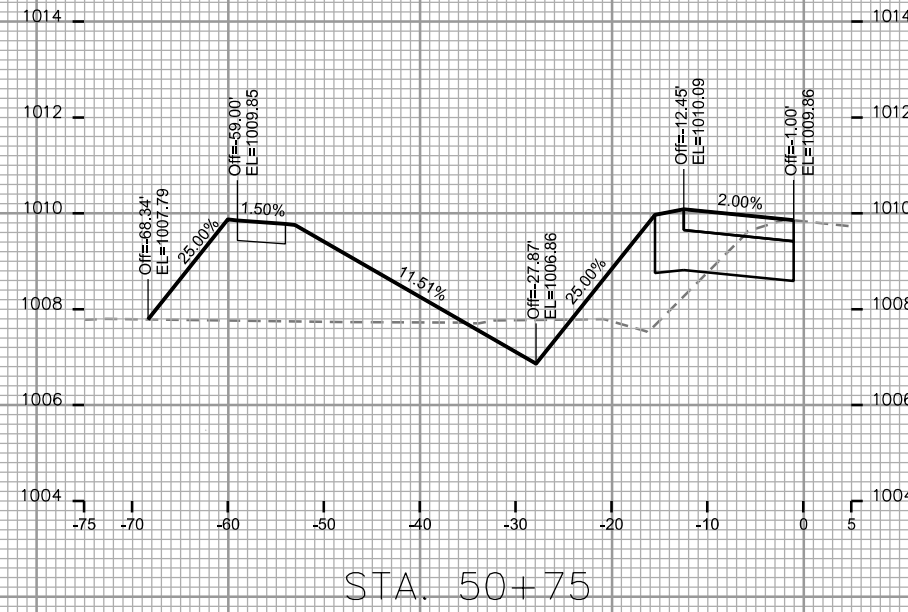
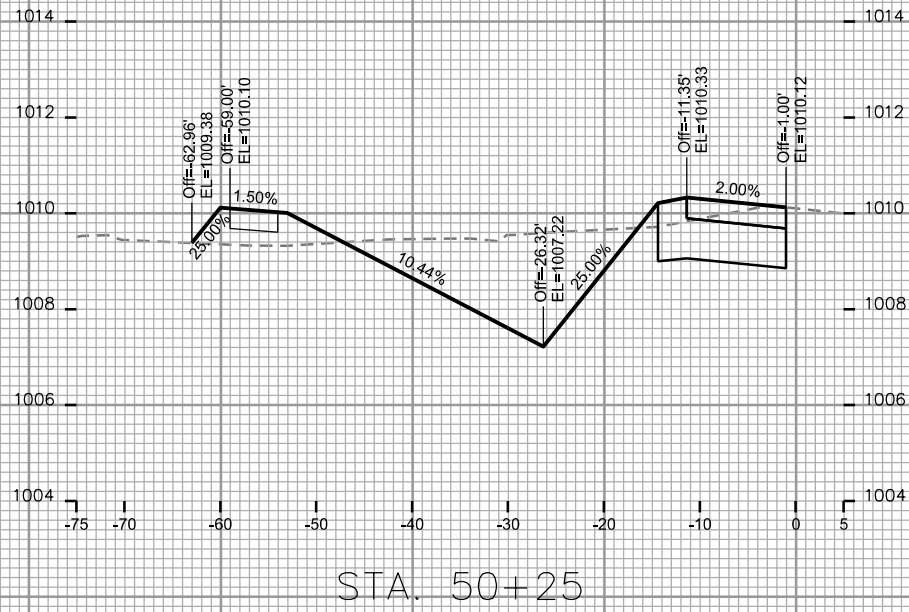
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

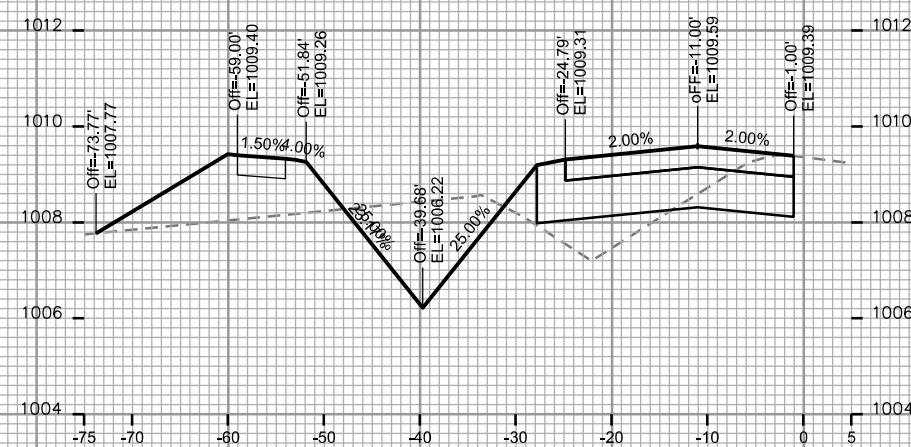
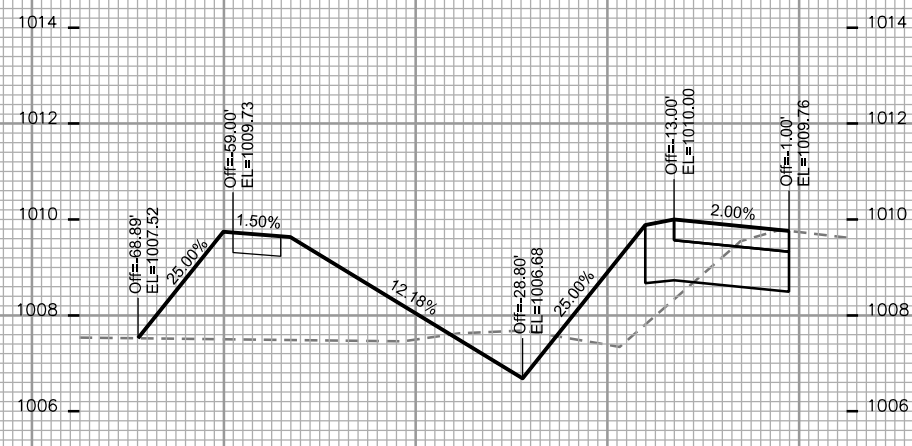
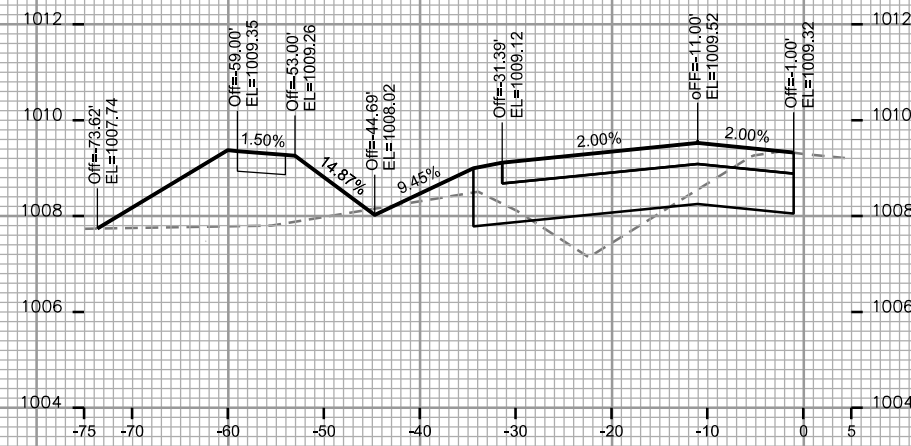
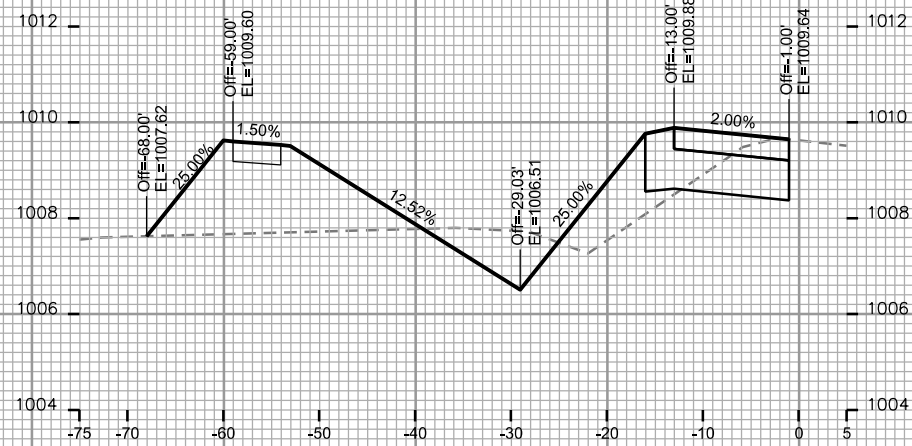
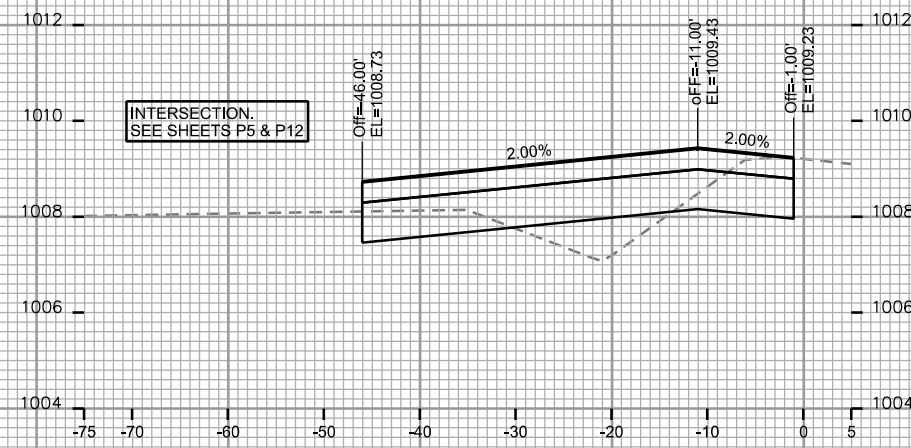
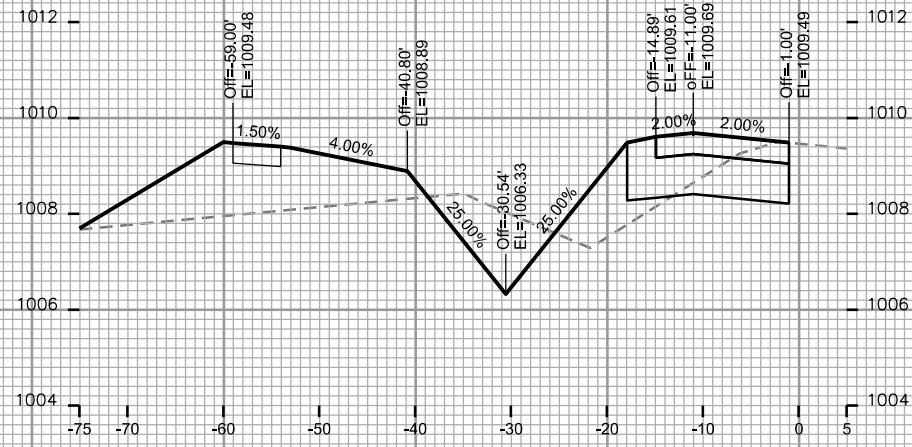
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

REINER RD.

CITY OF MADISON

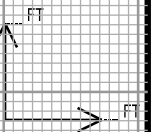


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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

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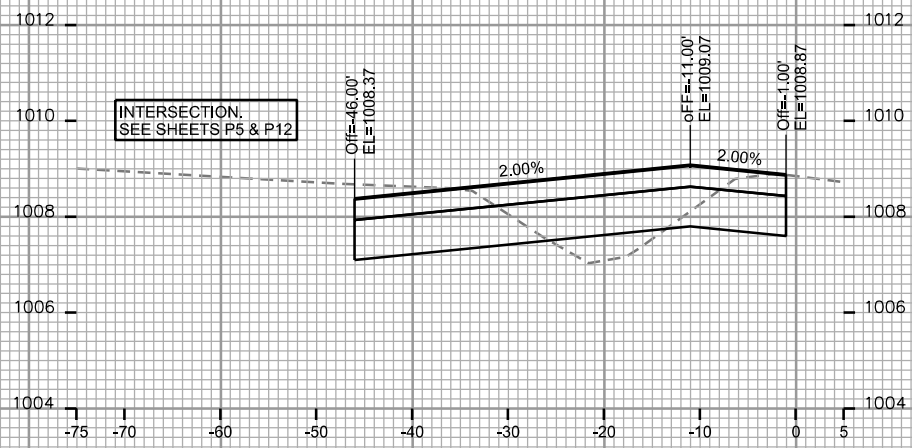
CITY OF MADISON

PLOT SCALE: _____

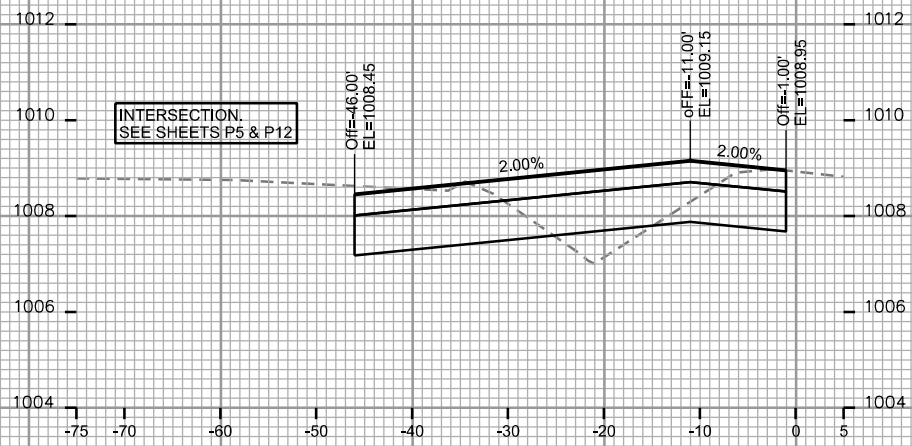
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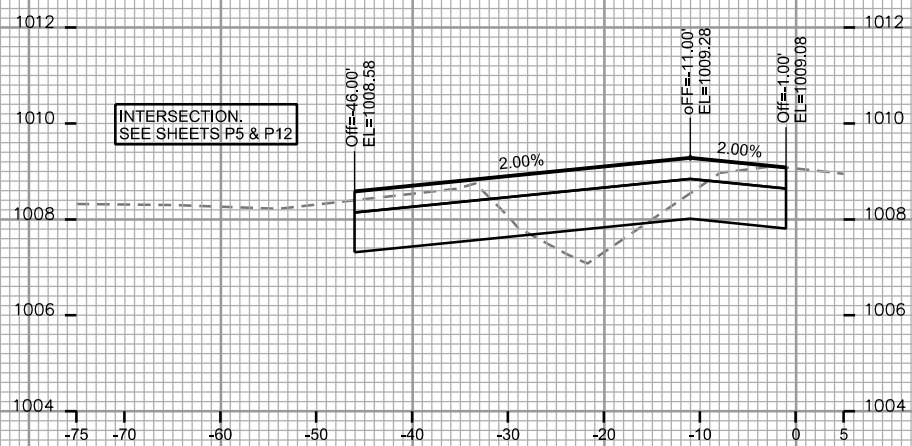
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



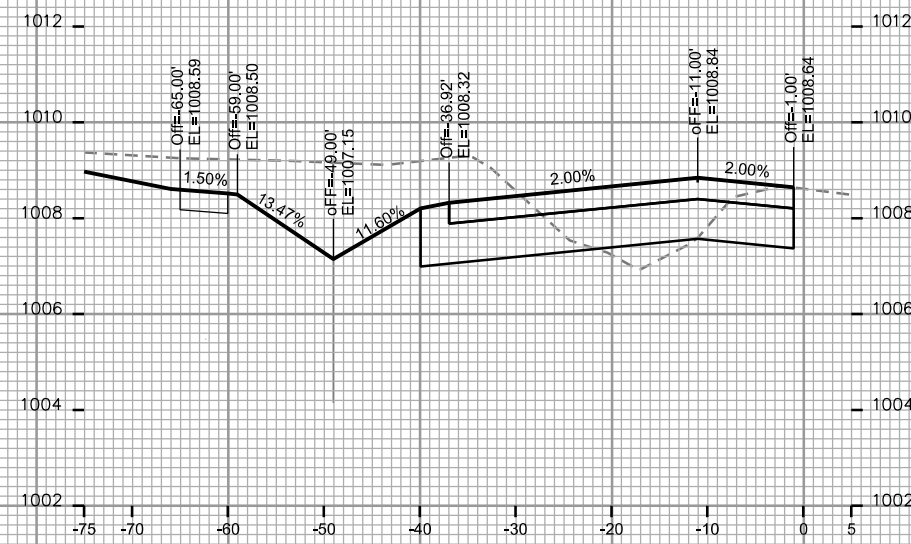
STA. 52+75



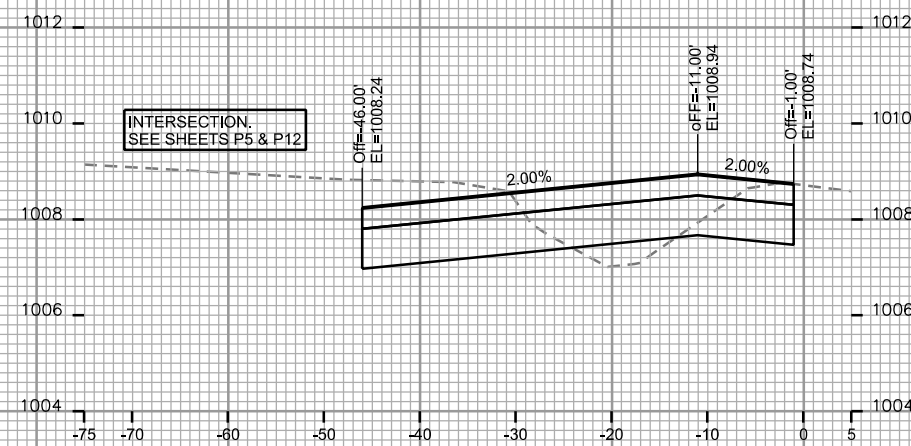
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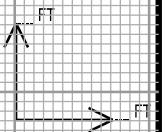
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STA. 53+25



STA. 53+00



CROSS SECTIONS

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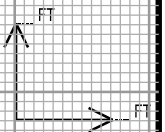
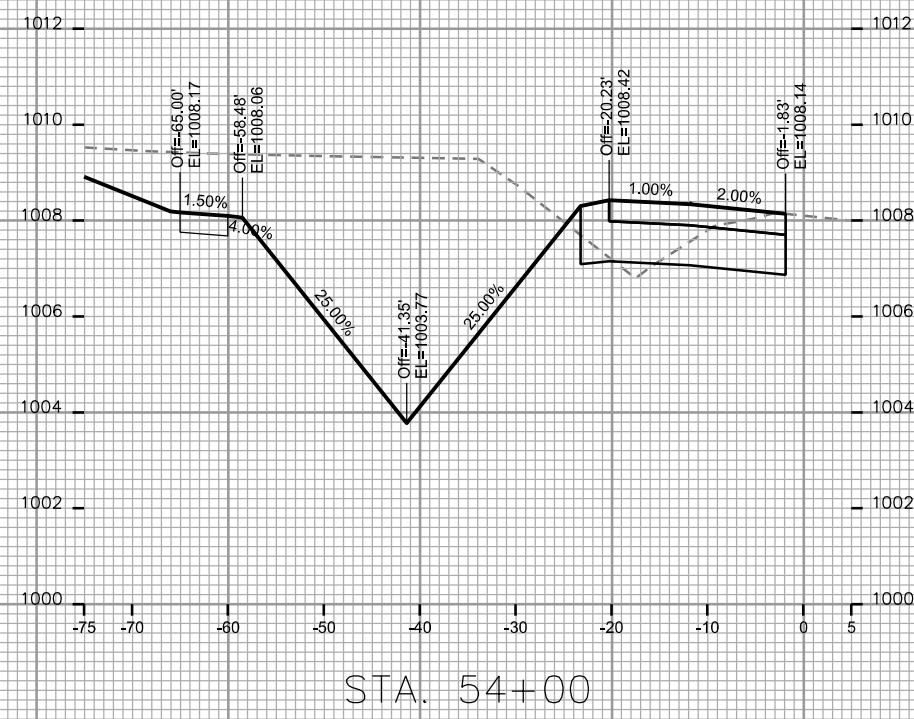
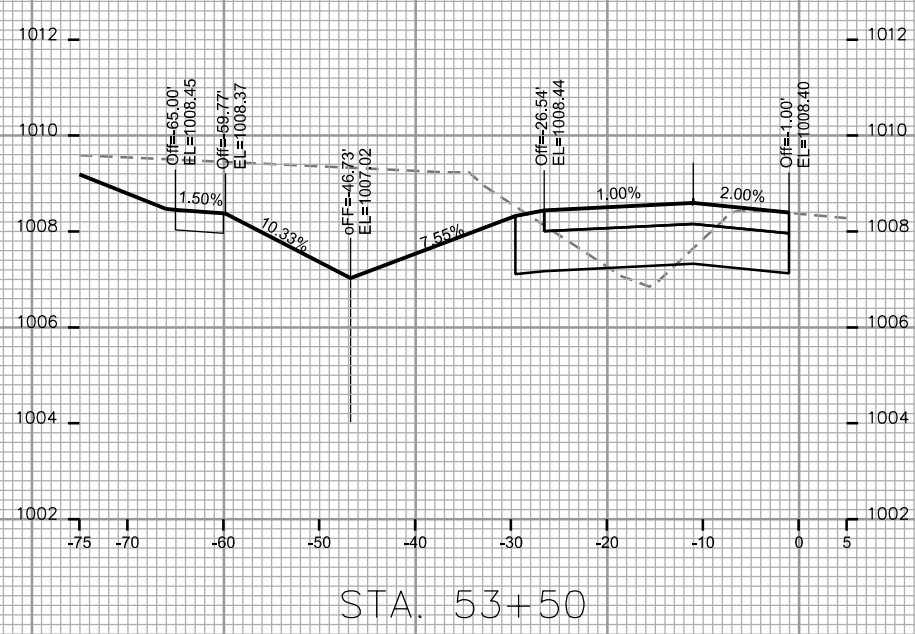
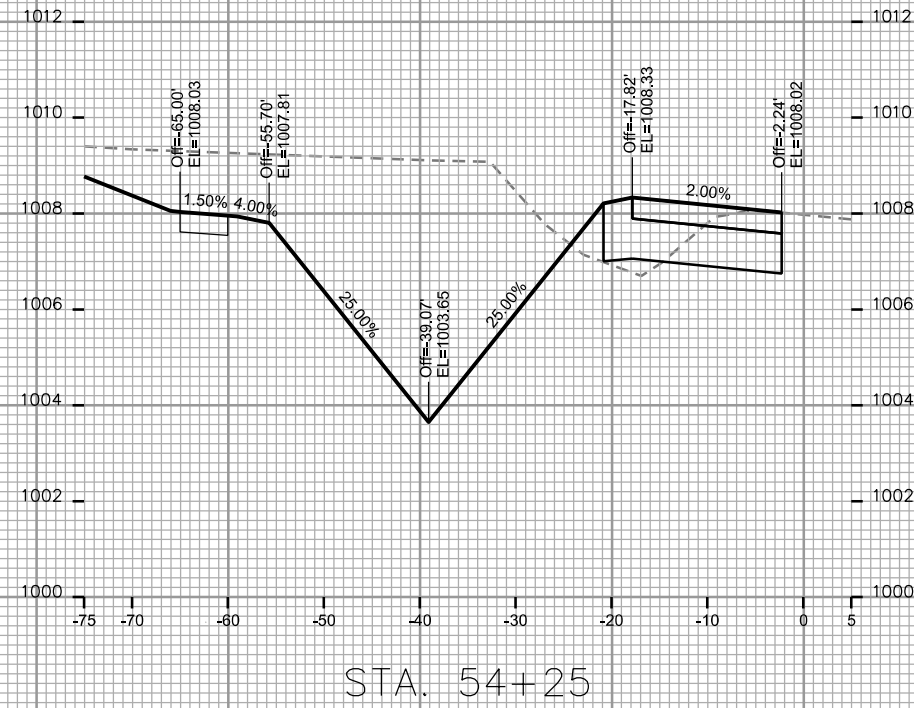
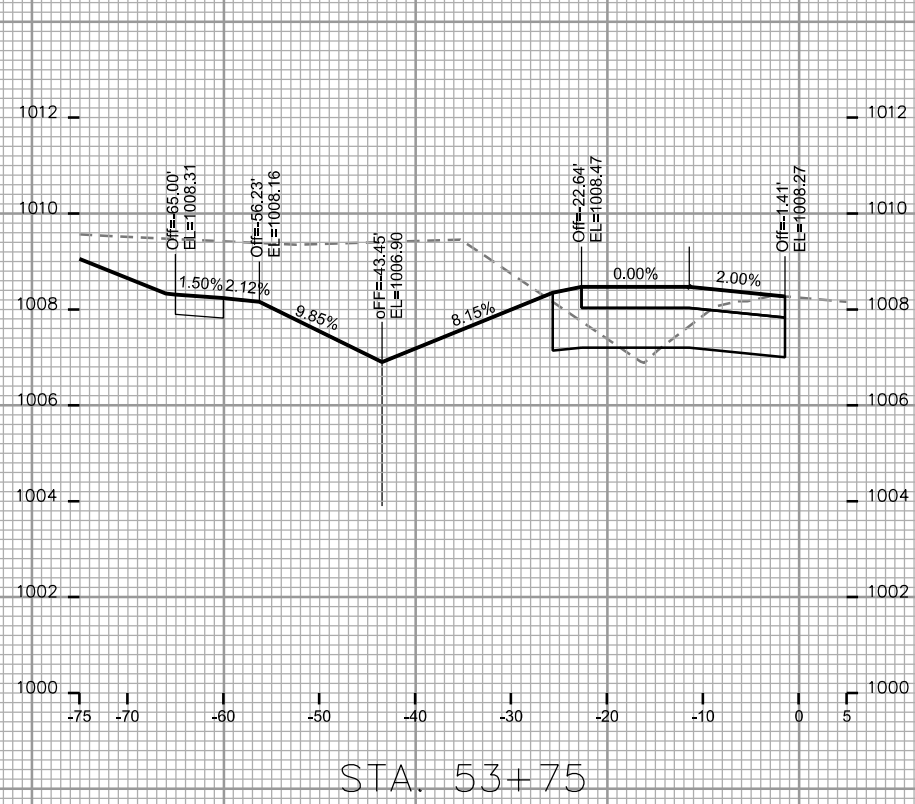
CITY OF MADISON

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

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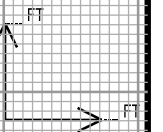
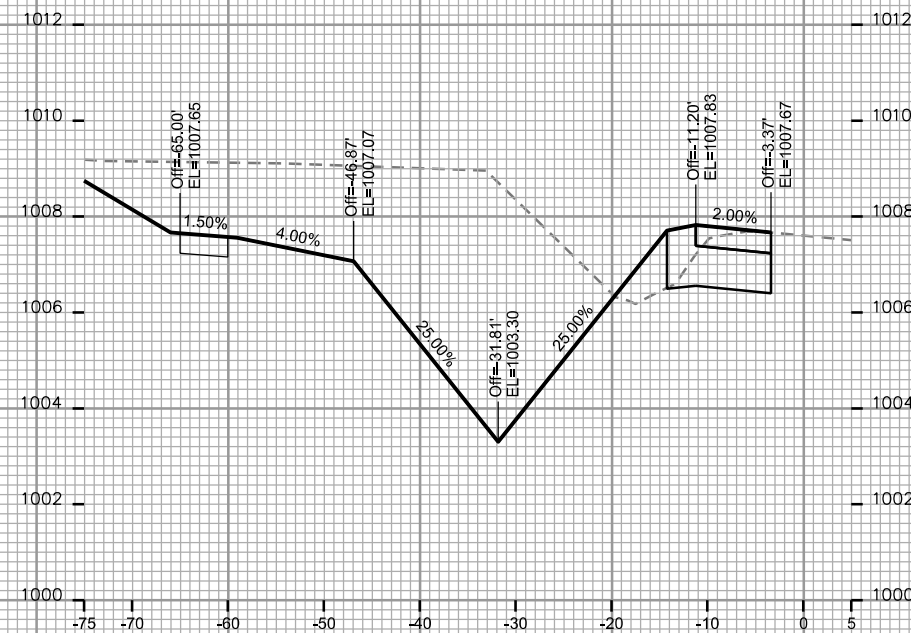
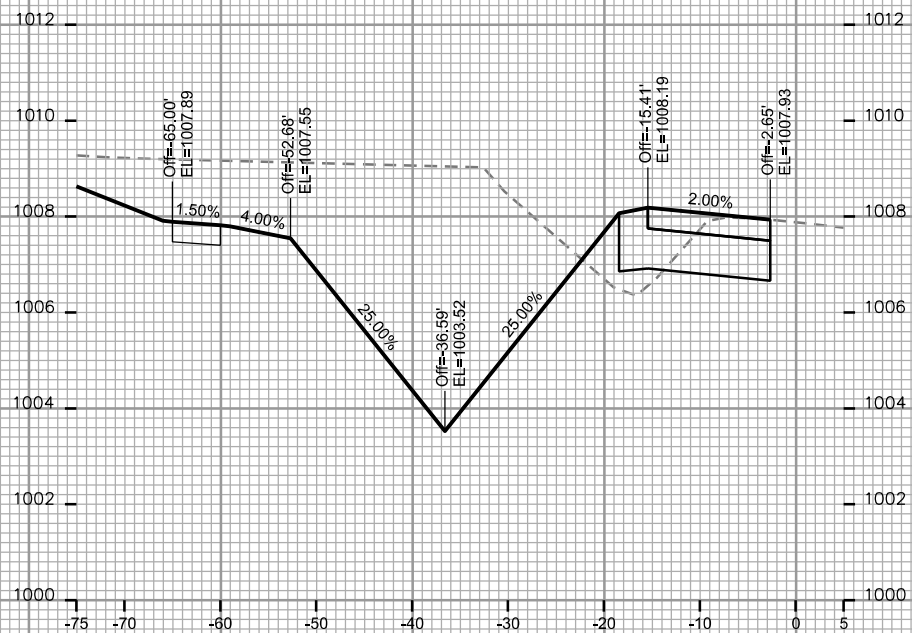
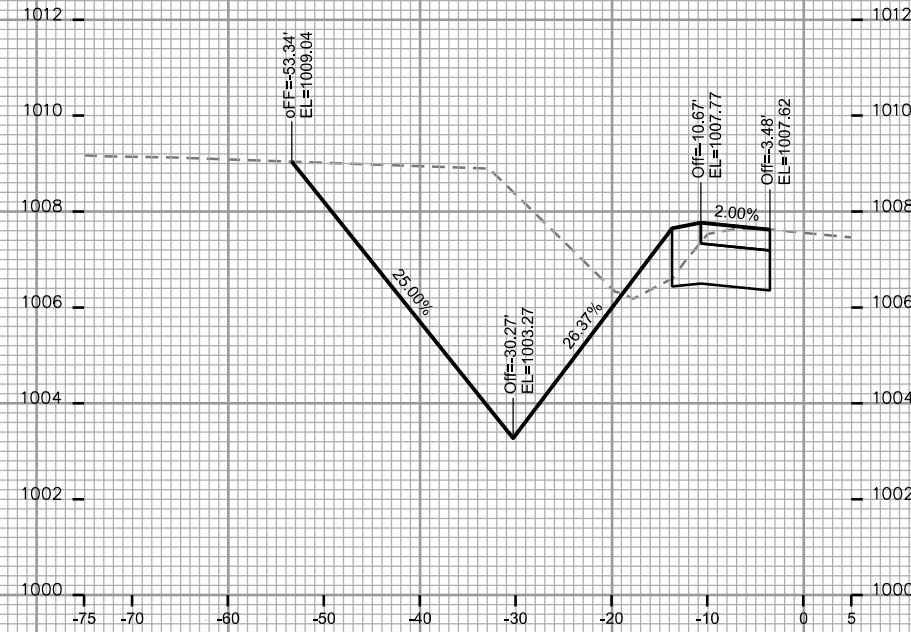
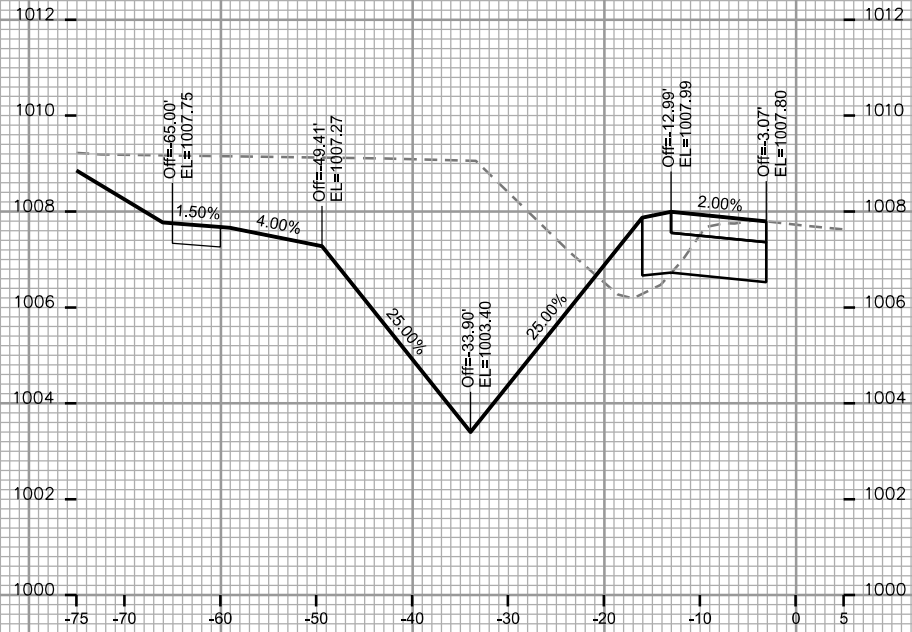
CITY OF MADISON

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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

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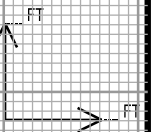
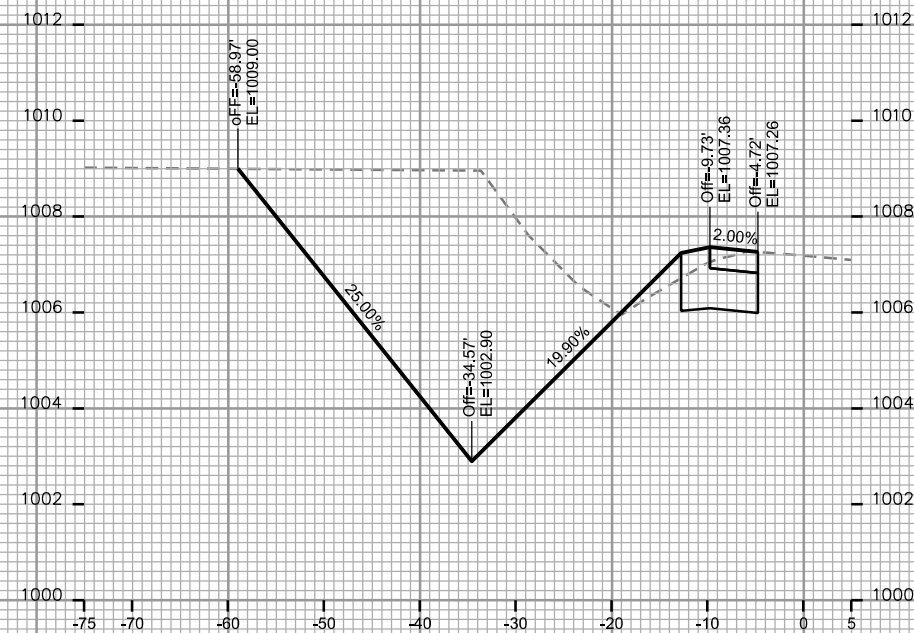
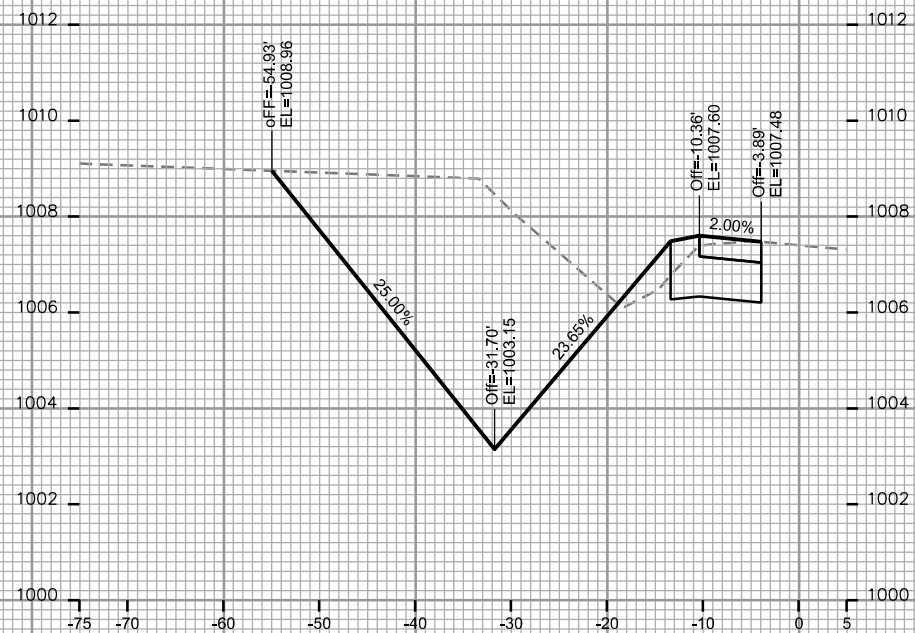
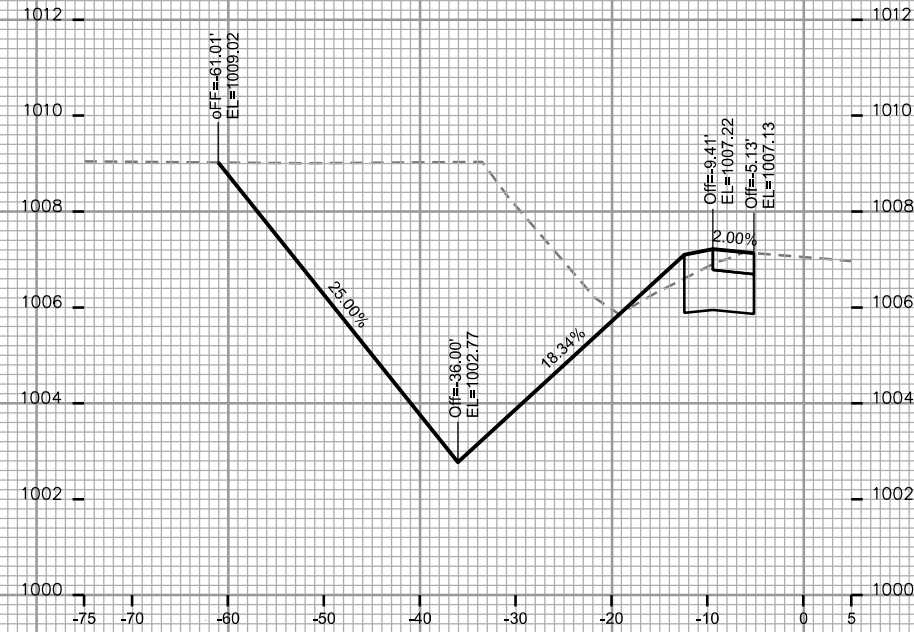
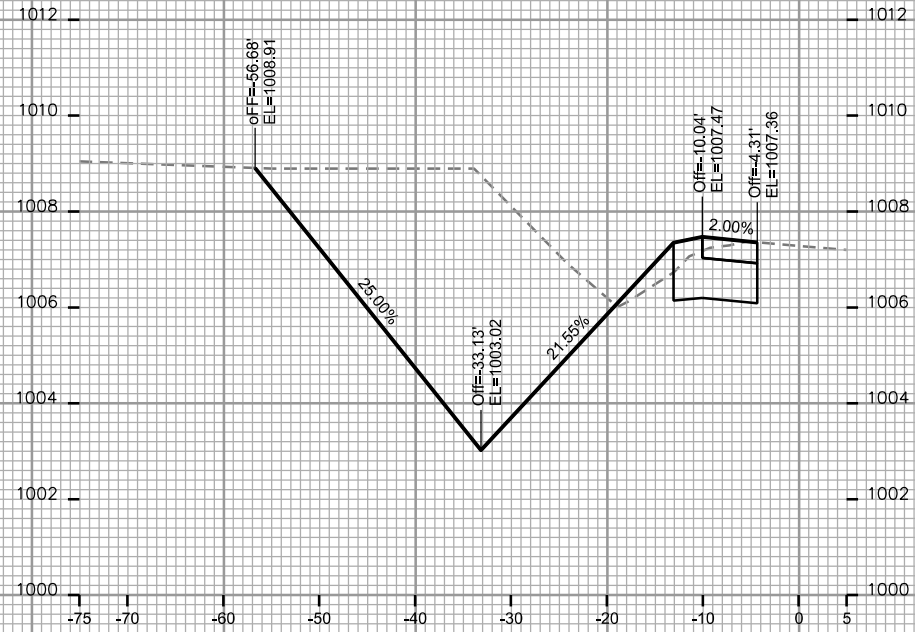
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

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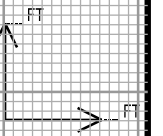
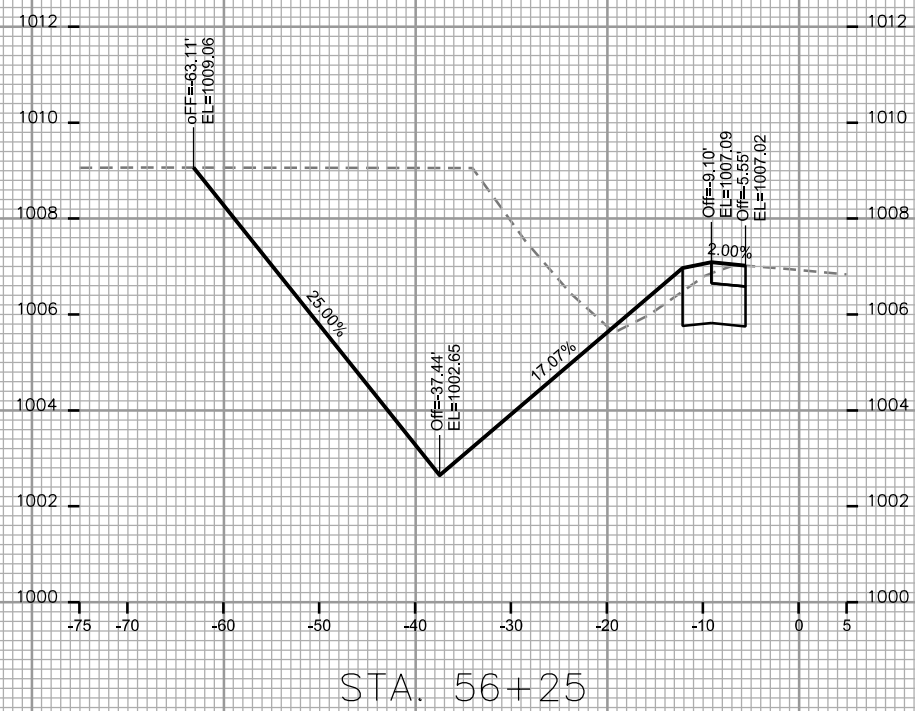
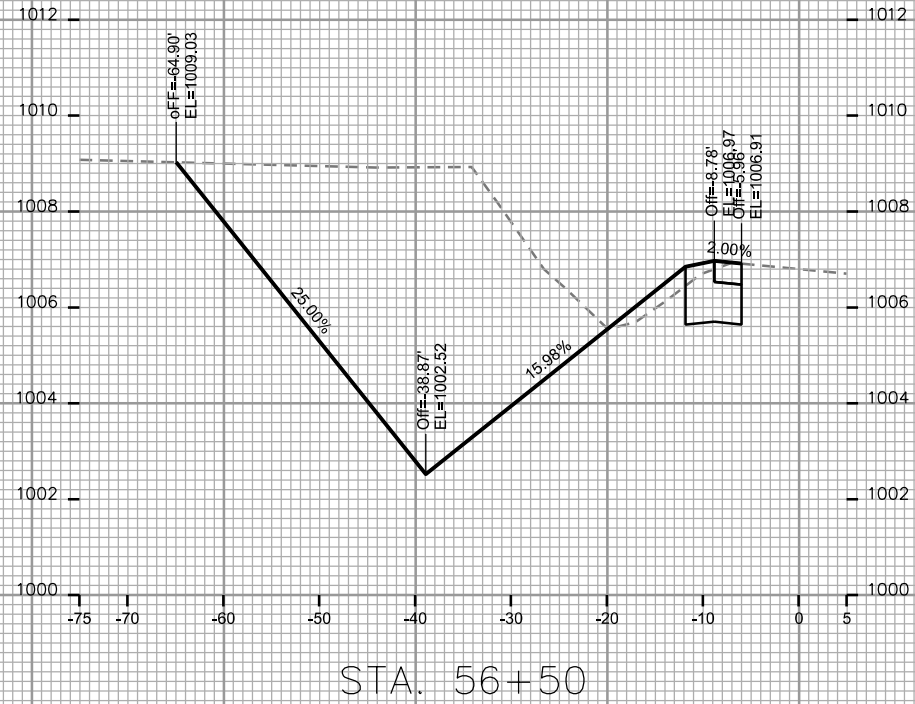
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

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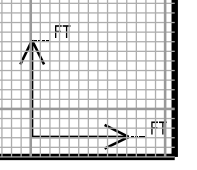
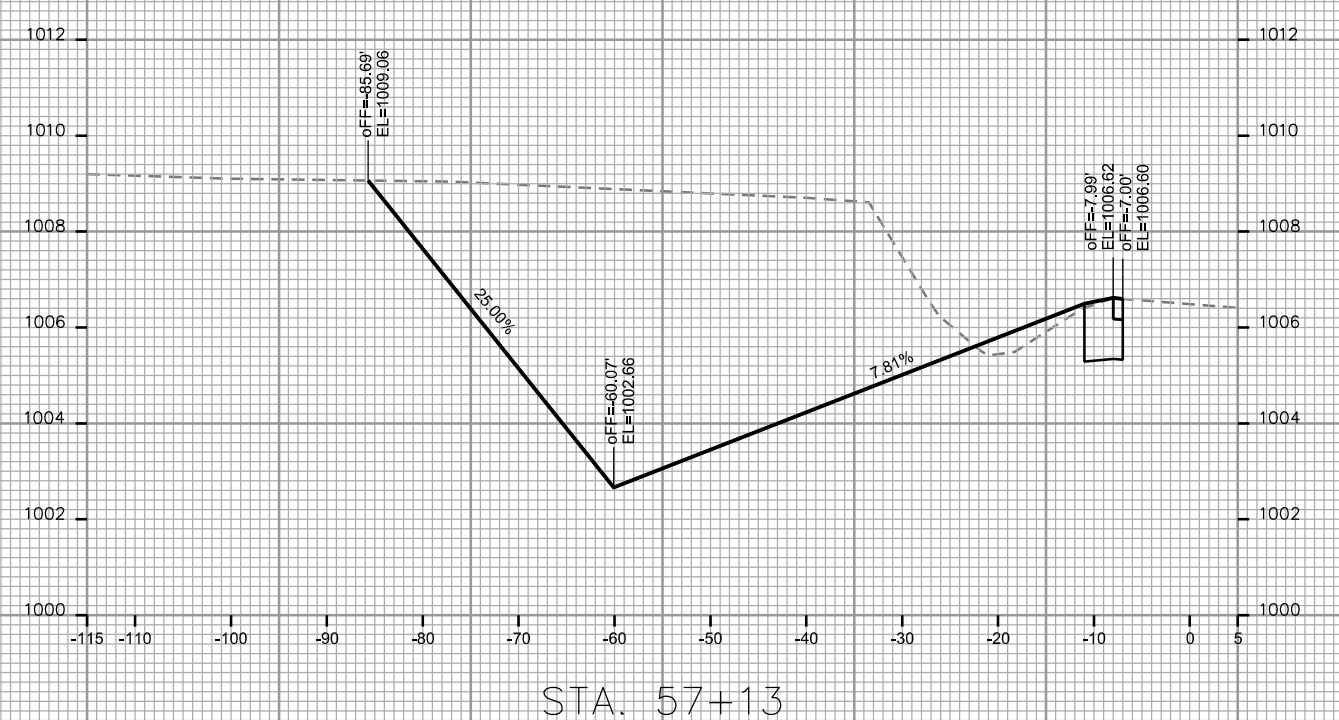
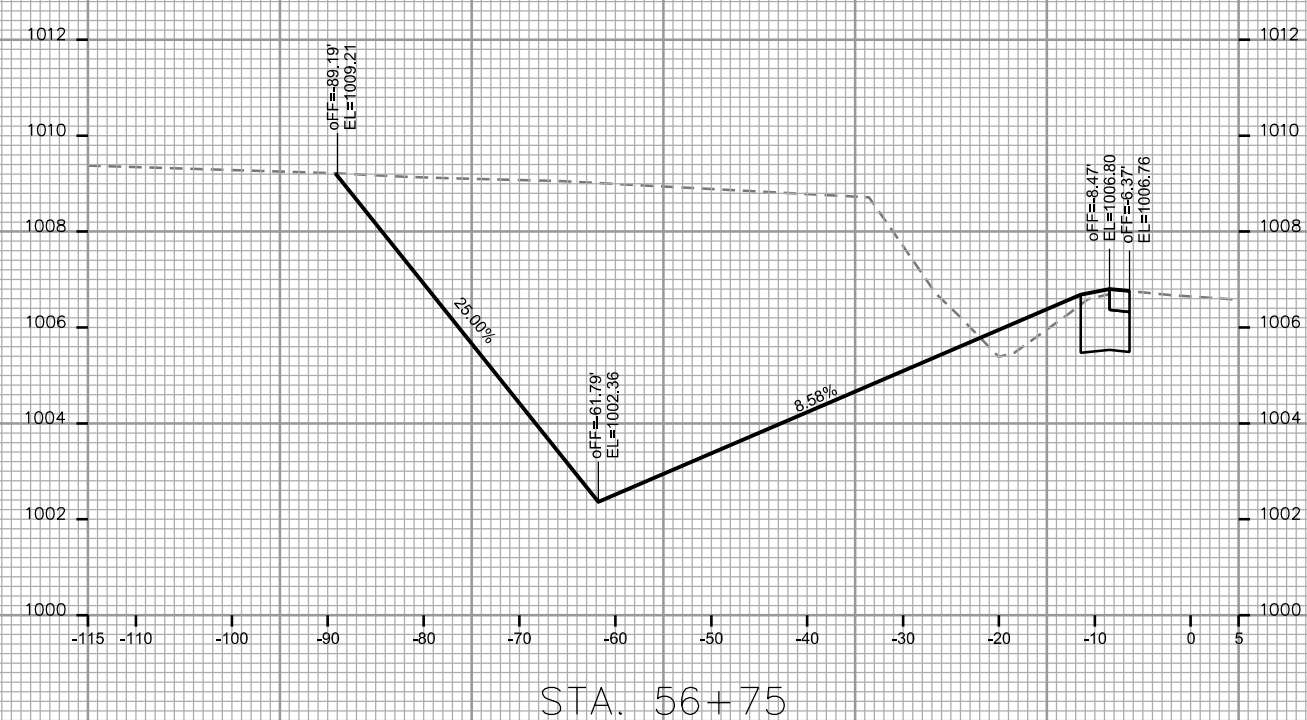
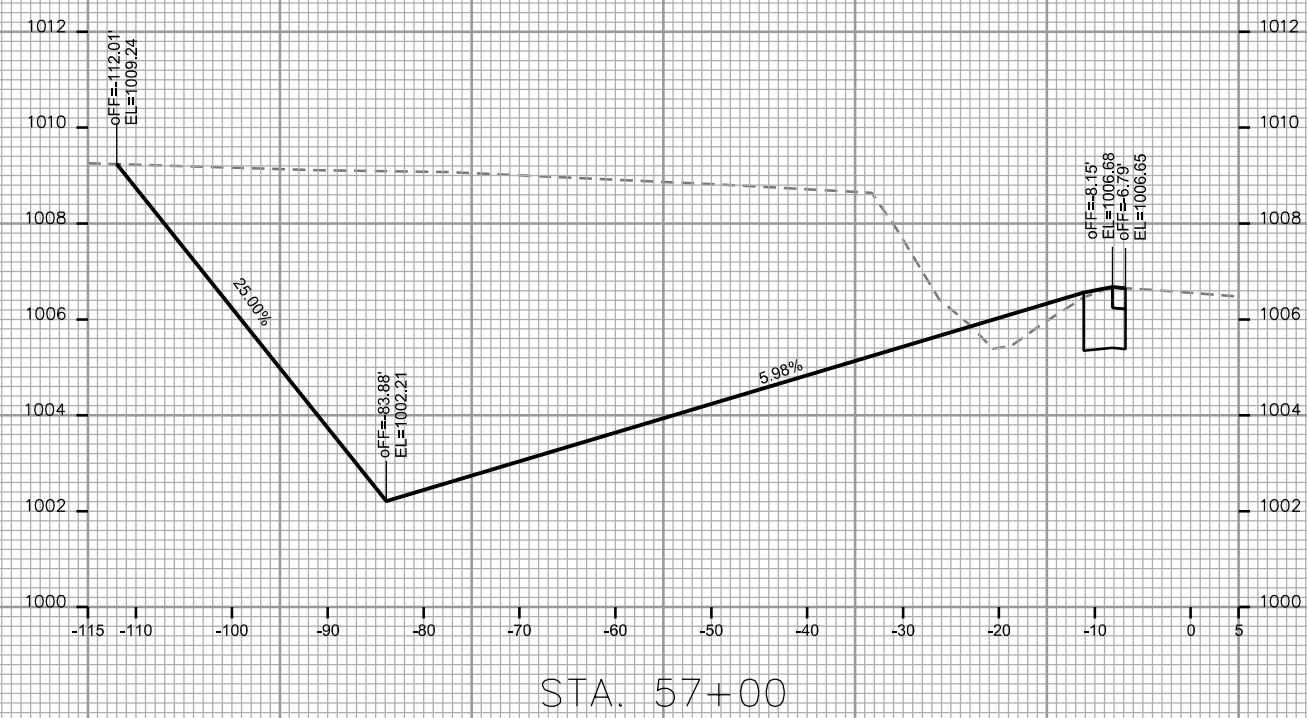
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

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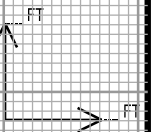
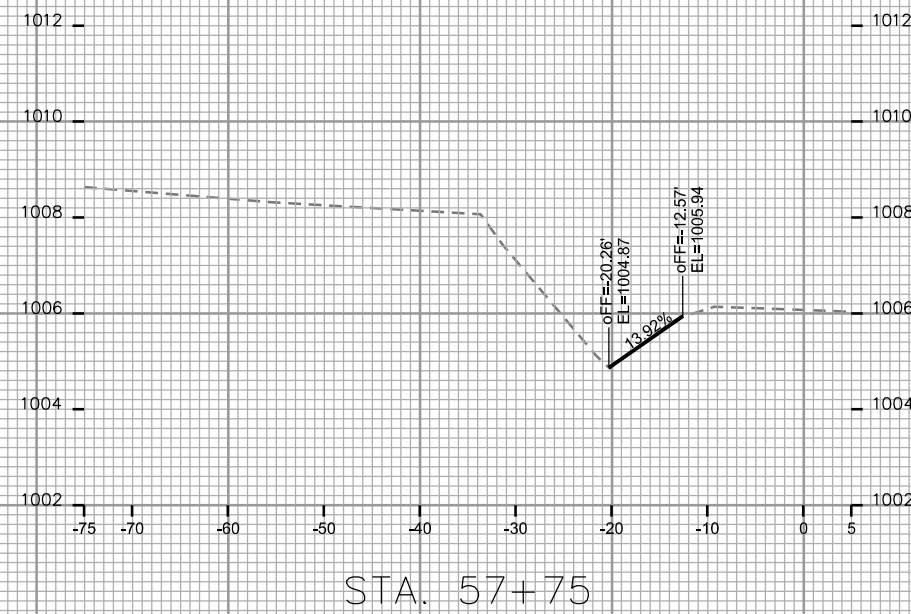
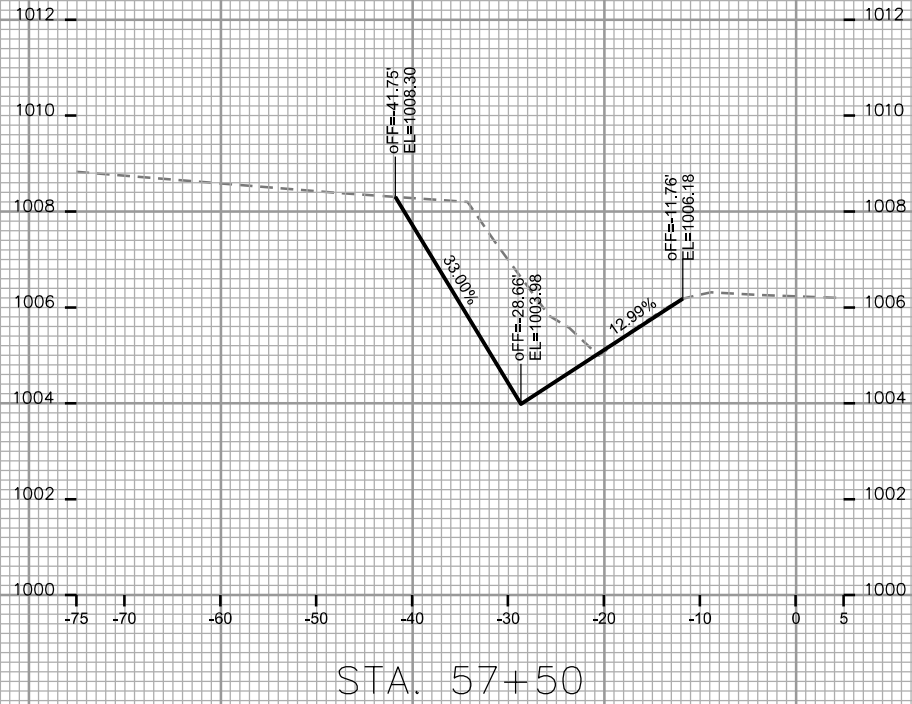
CITY OF MADISON

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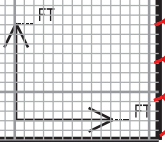
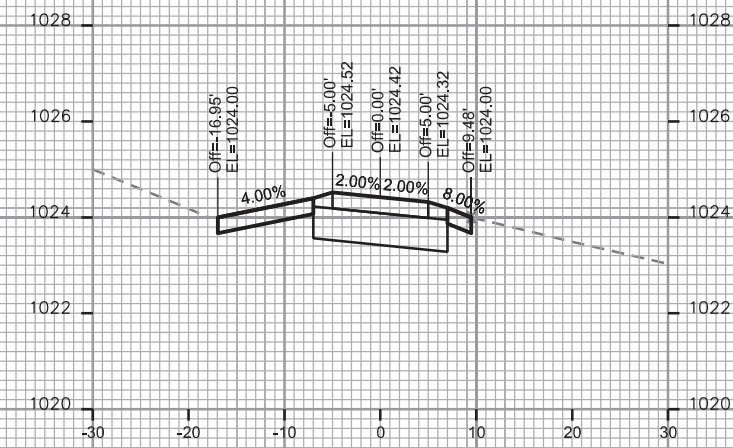
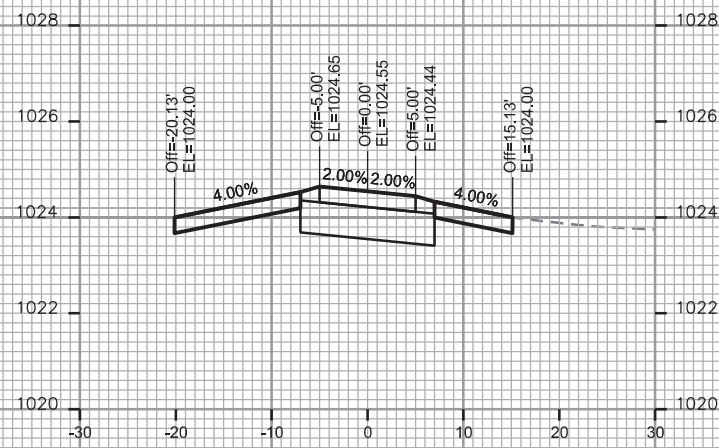
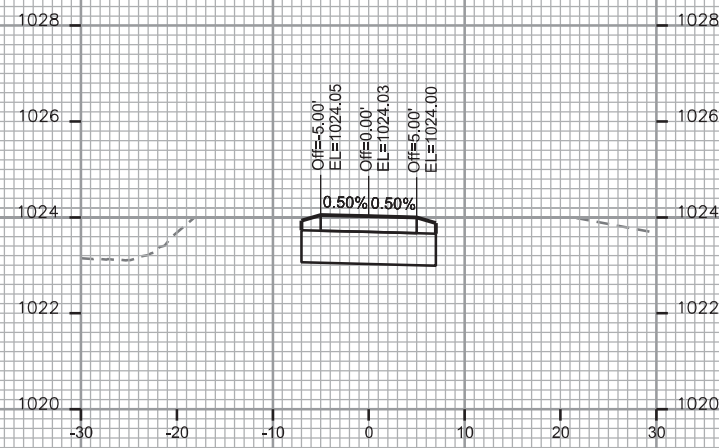
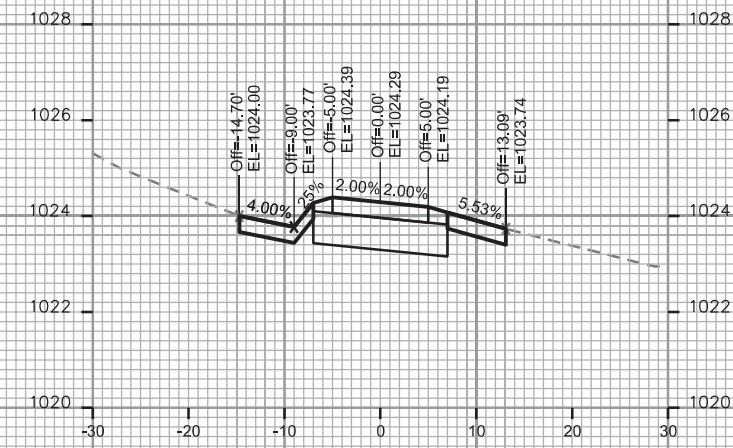
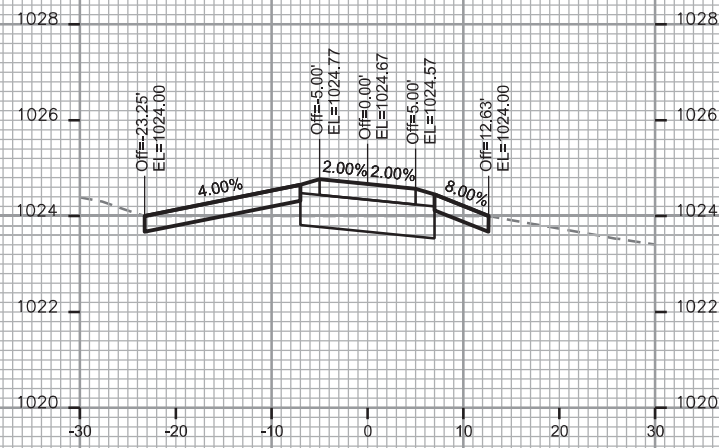
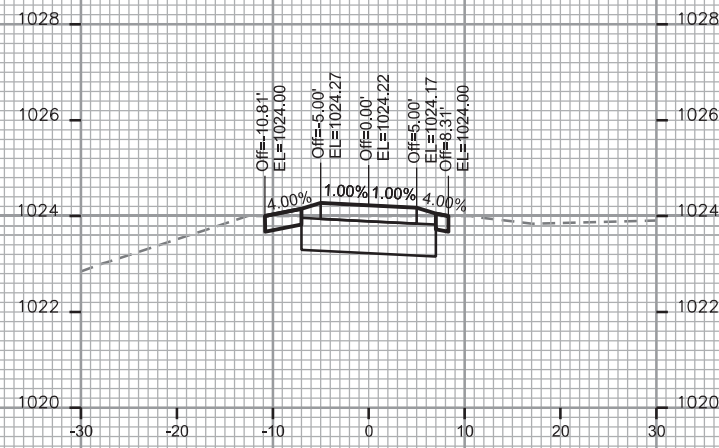
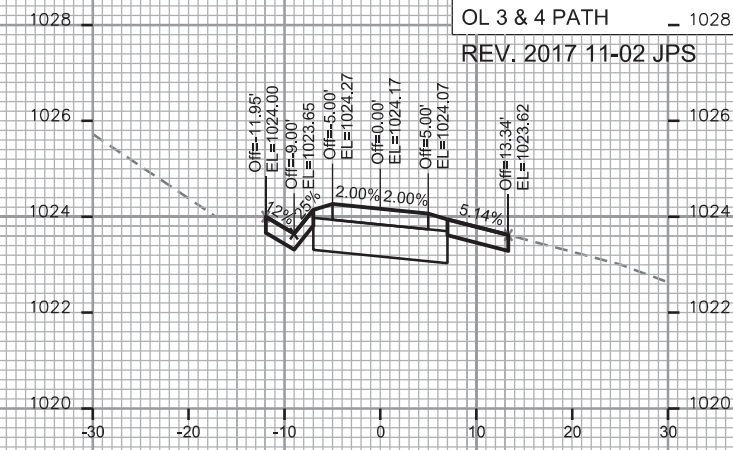
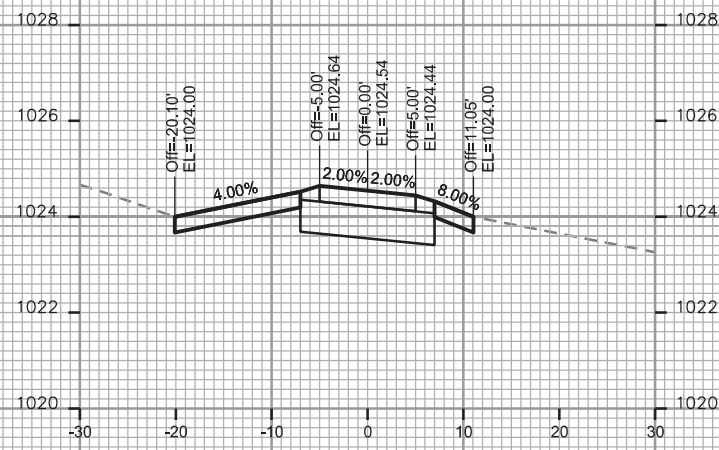
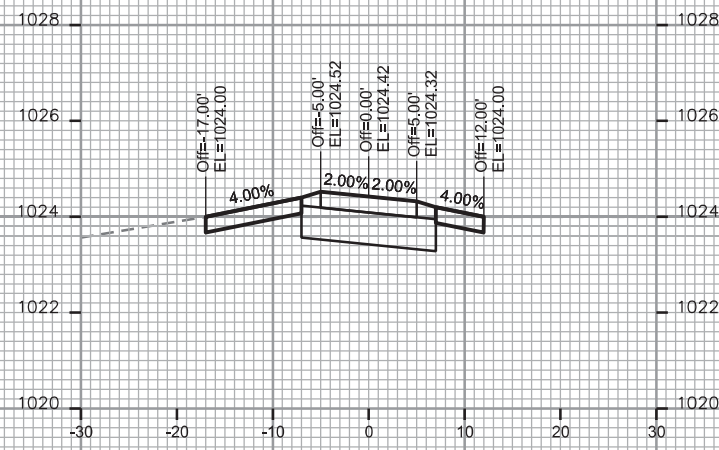
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

OL 3 & 4 PATH _ 1028 CITY OF MADISON
REV. 2017 11-02 JPS



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON STREETS DIVISION

CROSS SECTIONS

OL 3 & 4 PATH

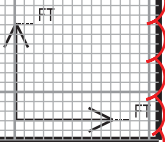
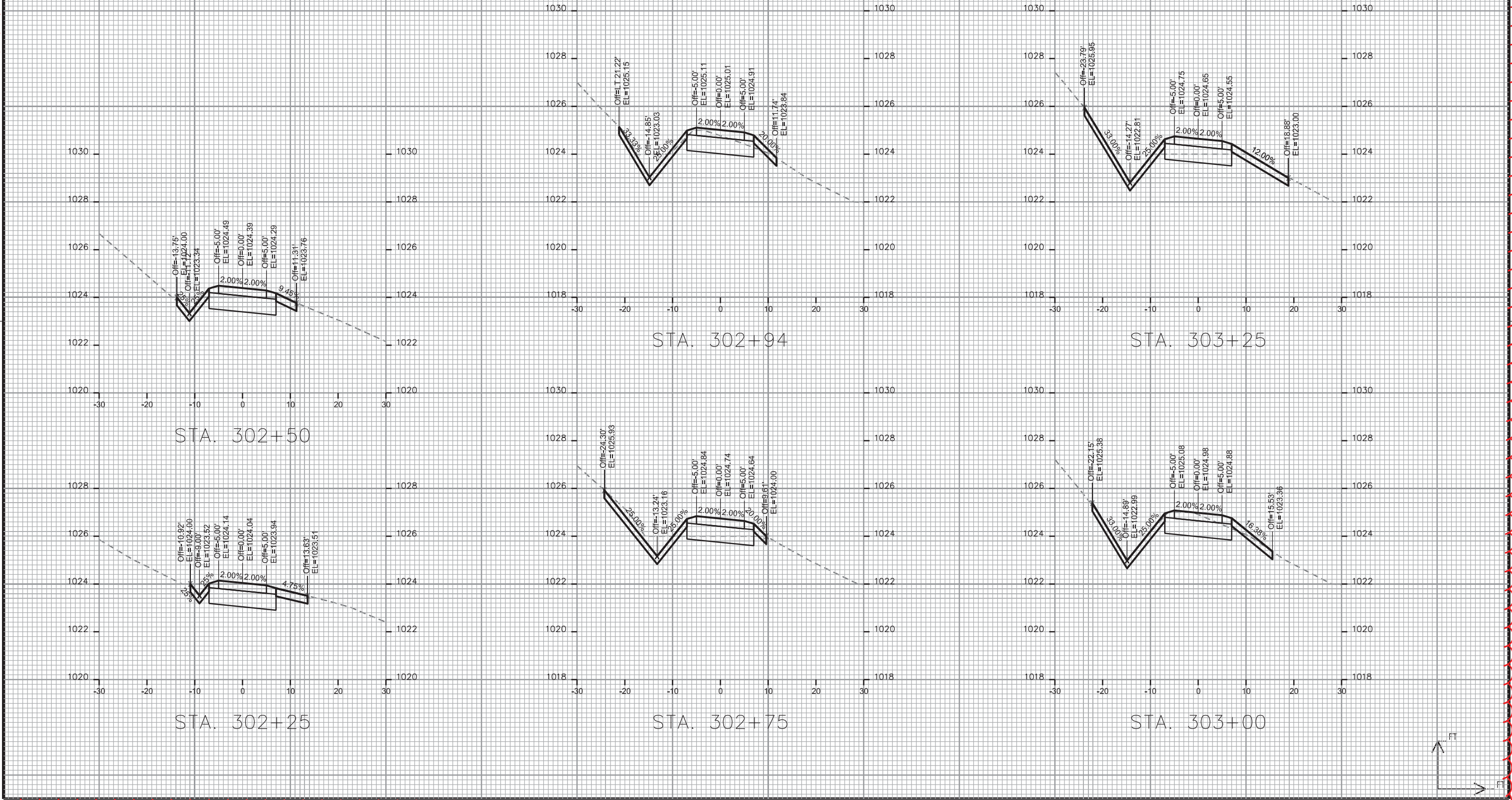
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PLOT SCALE:

REV. DATE:

ORIGINATOR: CITY OF MADISON STREETS DIVISION



CROSS SECTIONS

OL 3 & 4 PATH

CITY OF MADISON

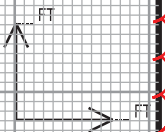
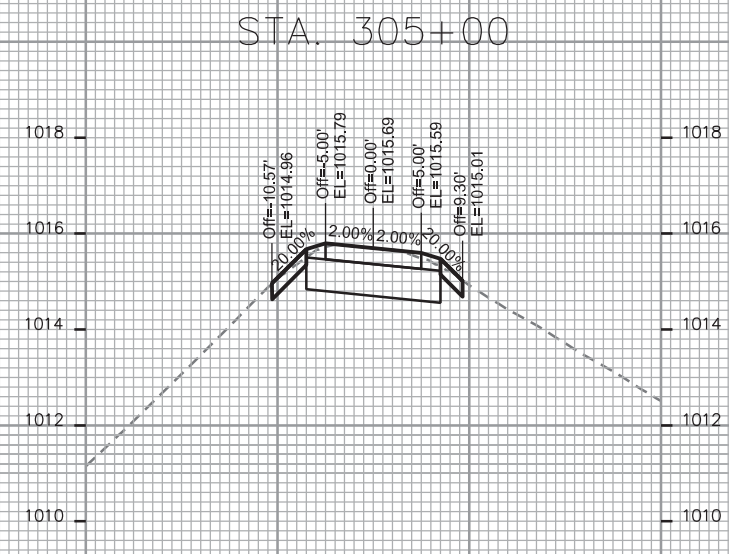
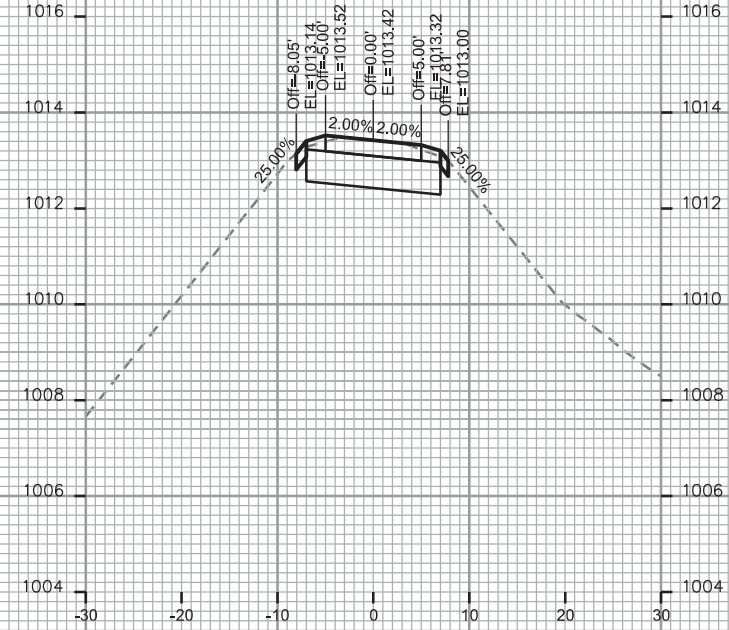
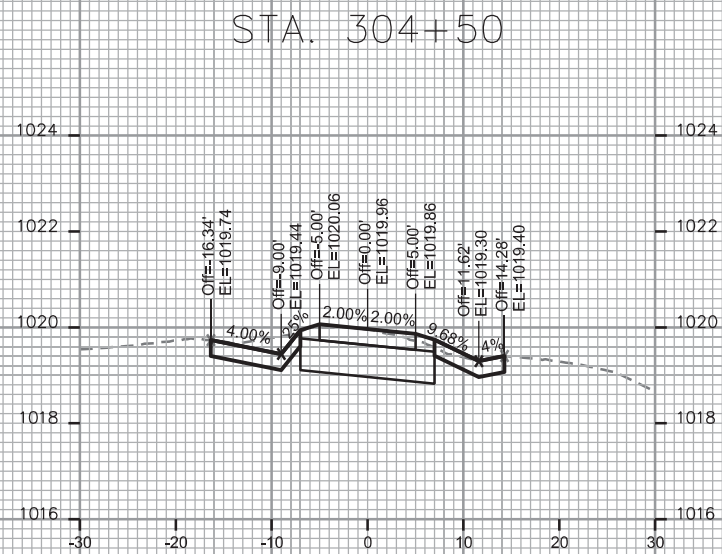
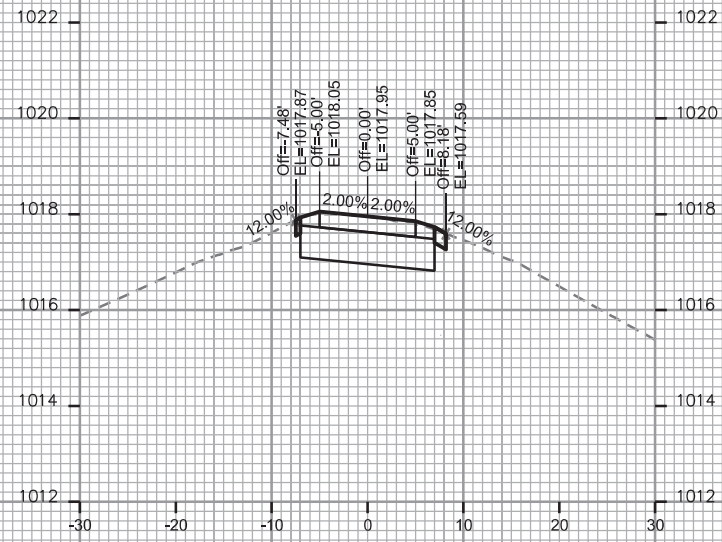
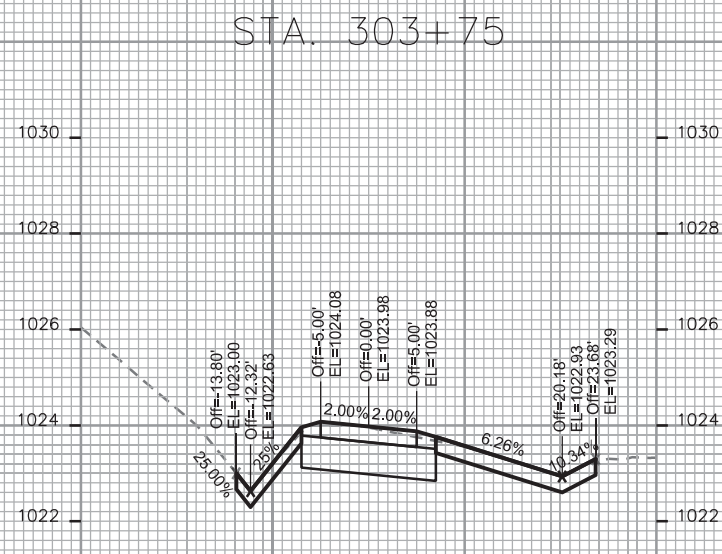
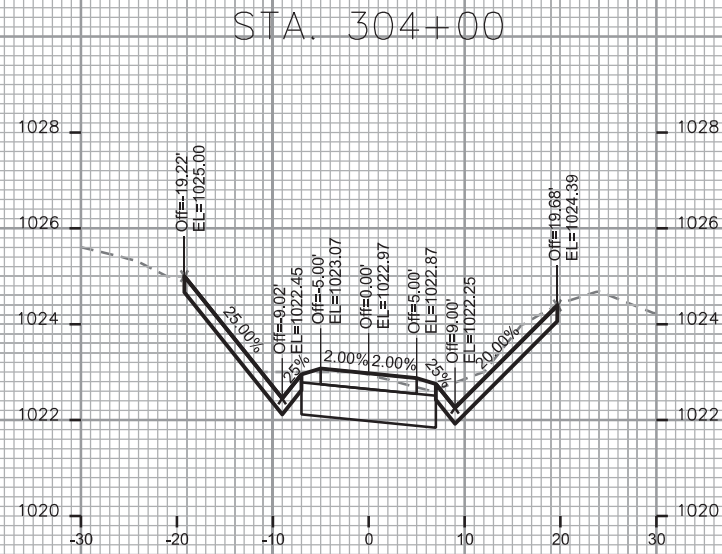
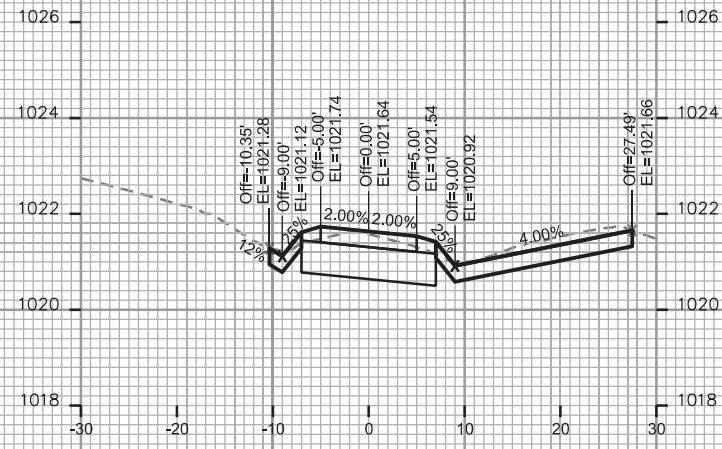
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ORIGINATOR: CITY OF MADISON STREETS DIVISION



CROSS SECTIONS

OL 3 & 4 PATH

CITY OF MADISON

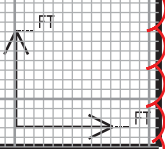
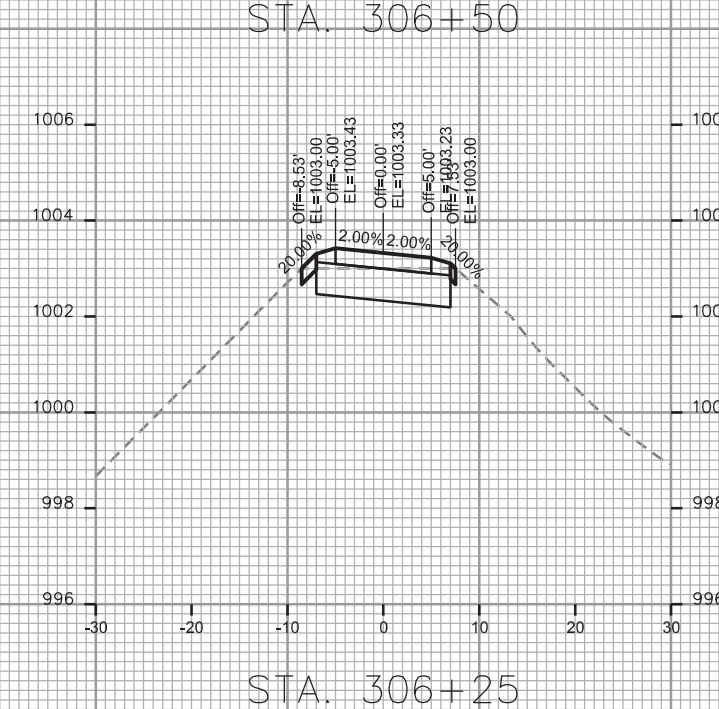
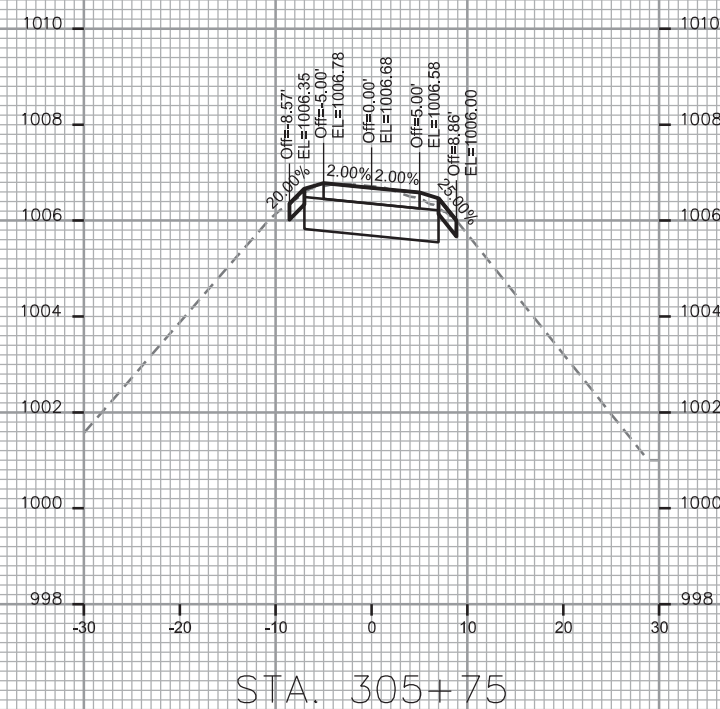
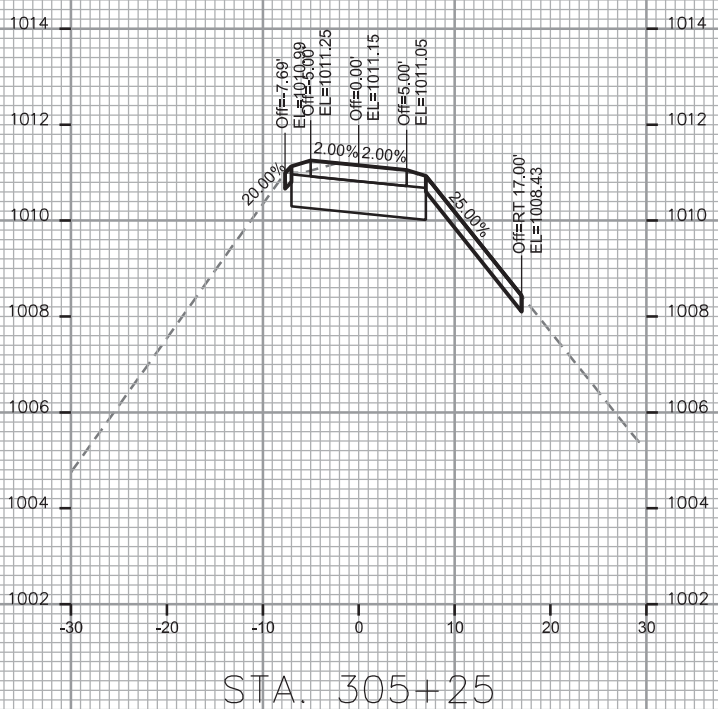
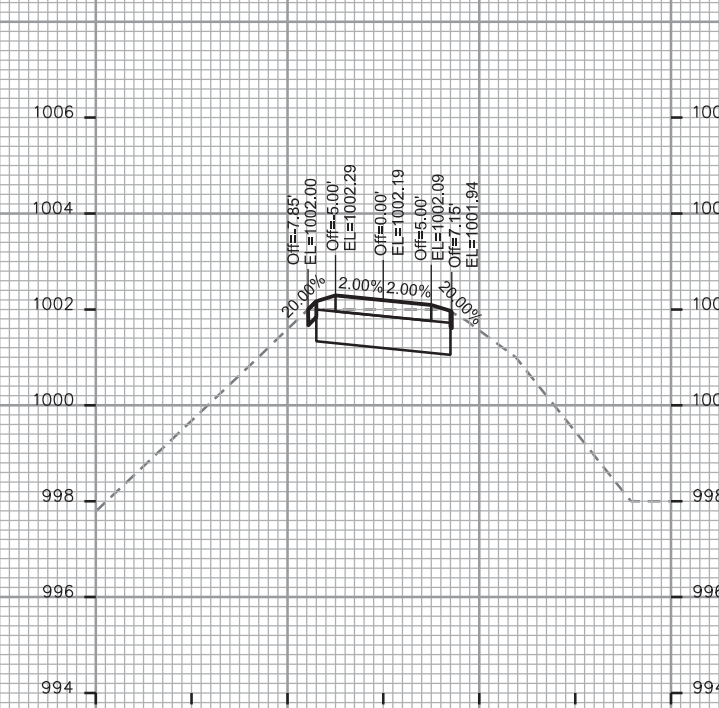
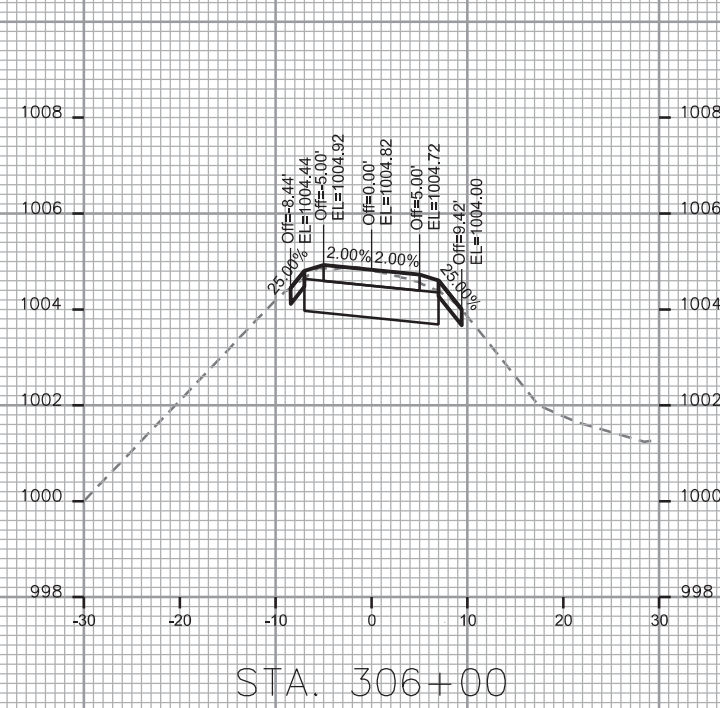
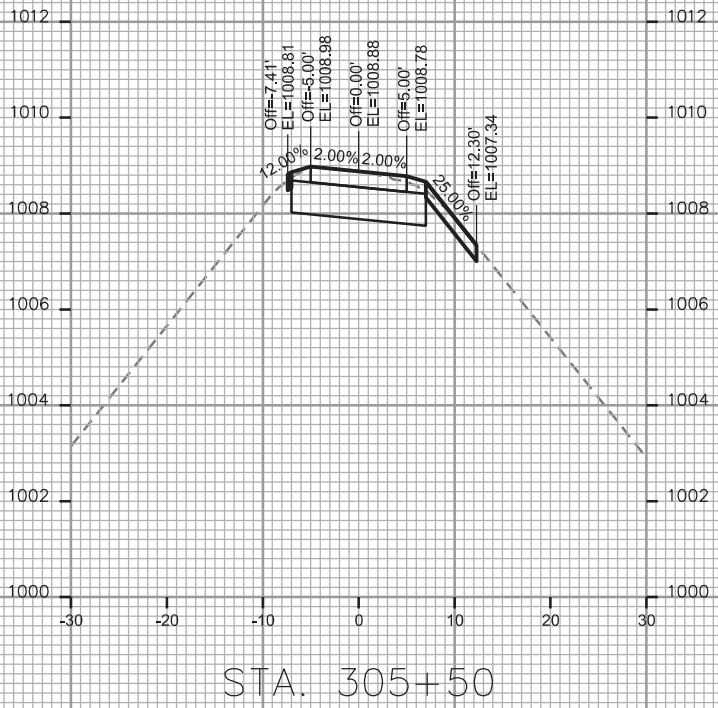
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ORIGINATOR: CITY OF MADISON STREETS DIVISION



CROSS SECTIONS

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CITY OF MADISON

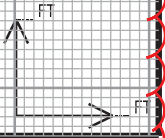
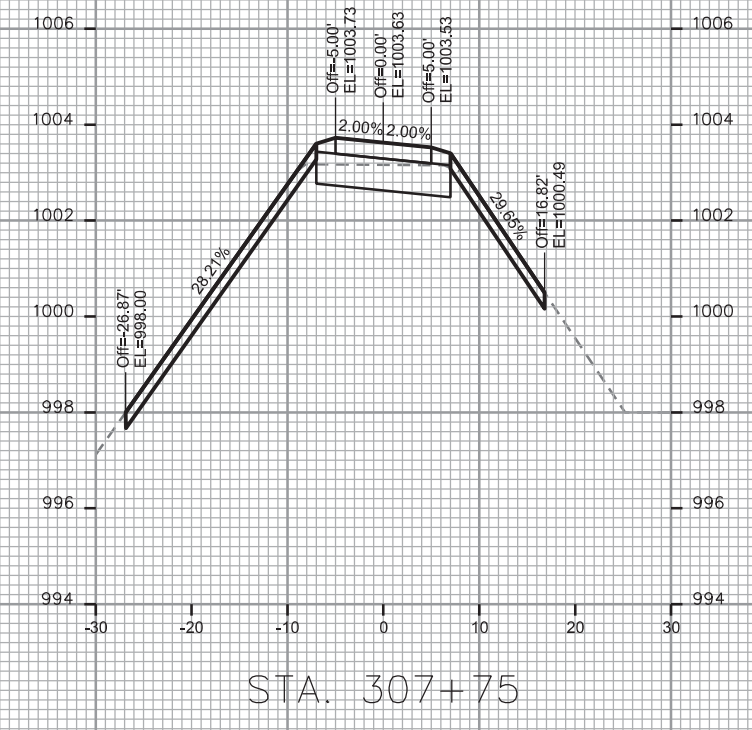
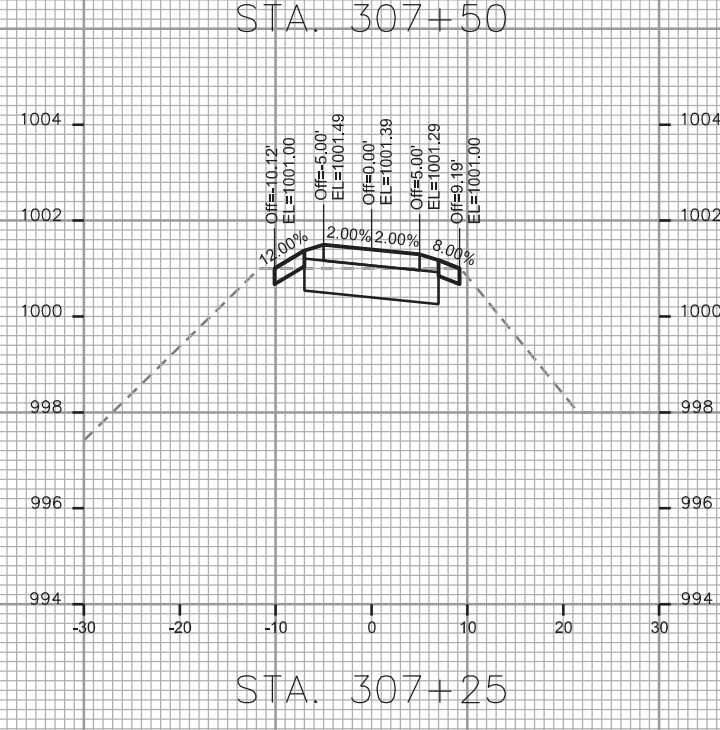
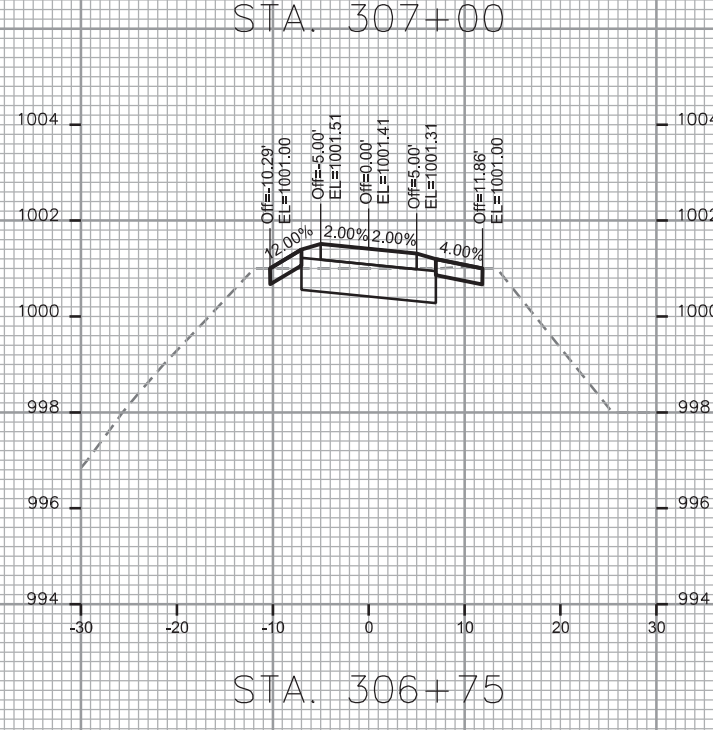
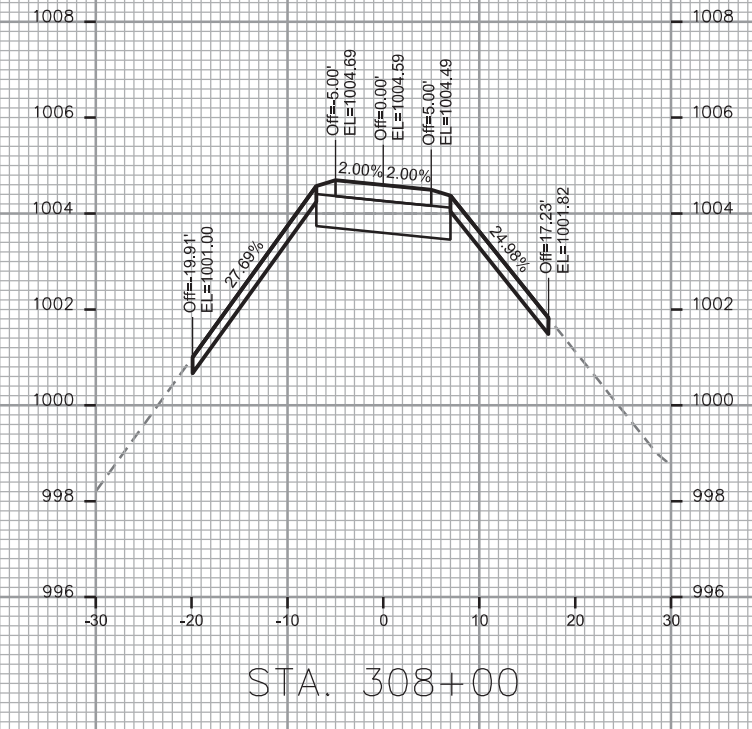
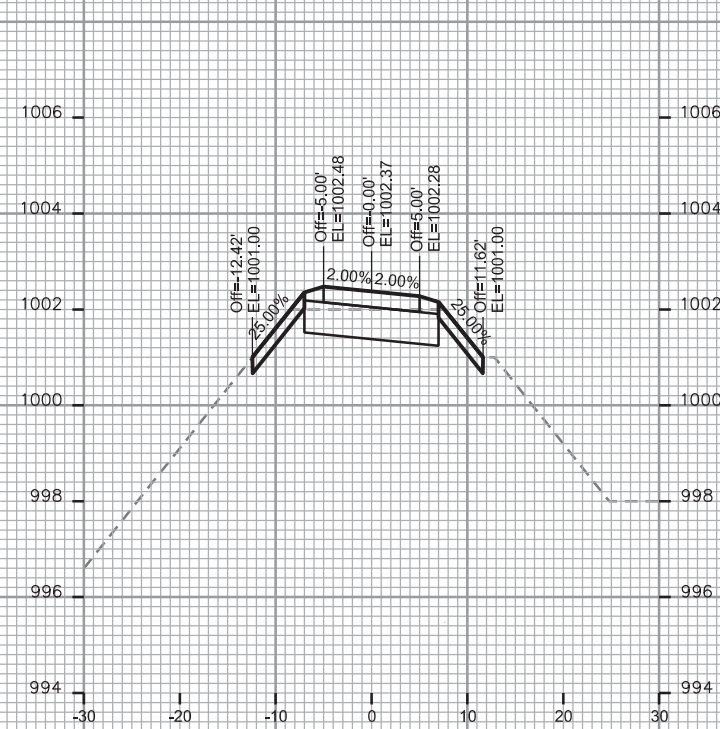
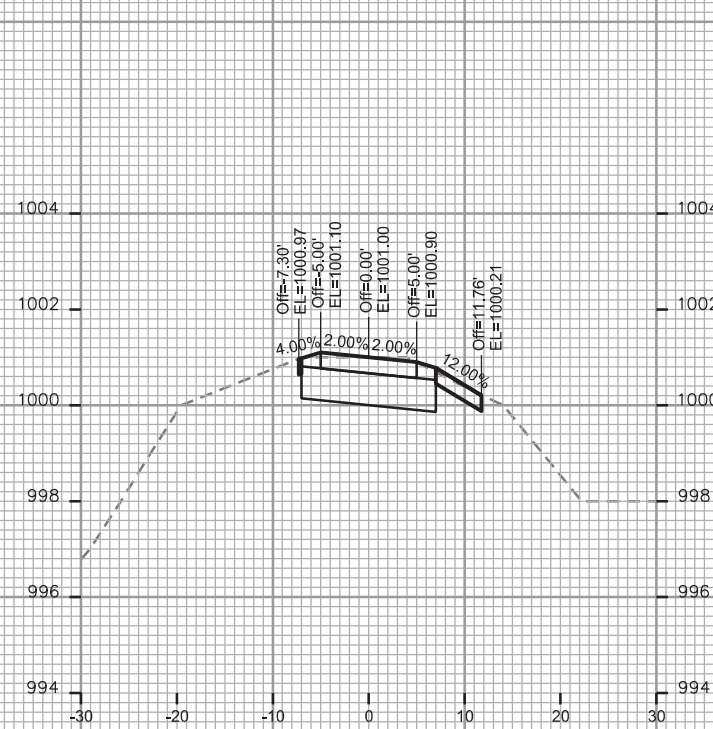
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PLOT SCALE:

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ORIGINATOR: CITY OF MADISON STREETS DIVISION

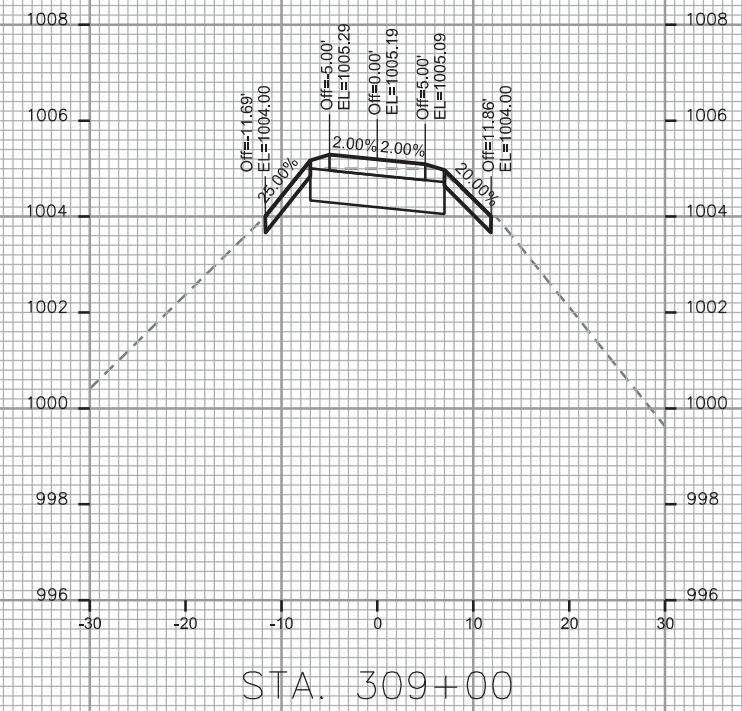
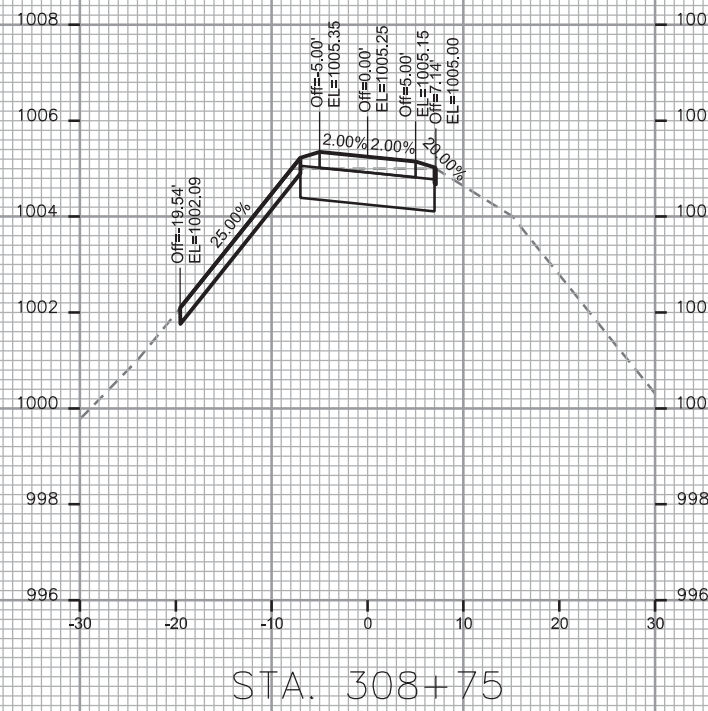
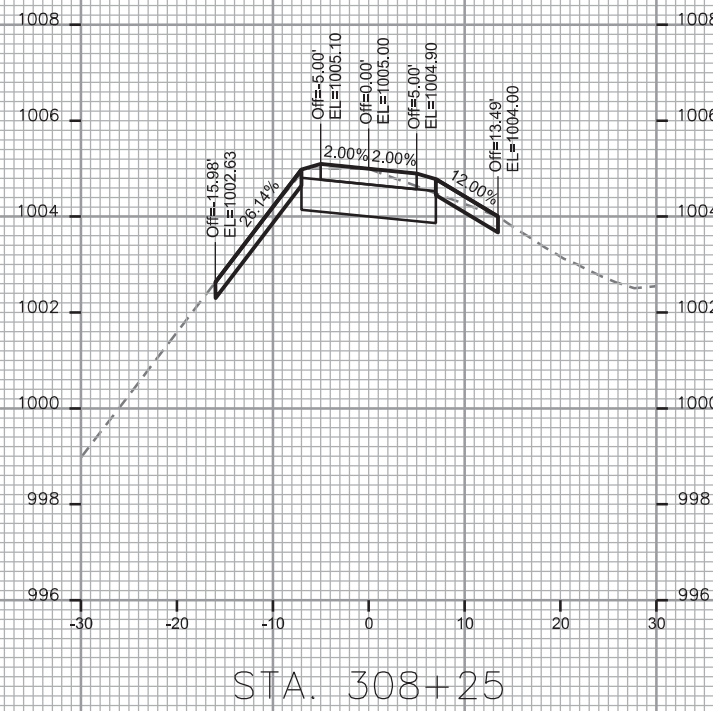
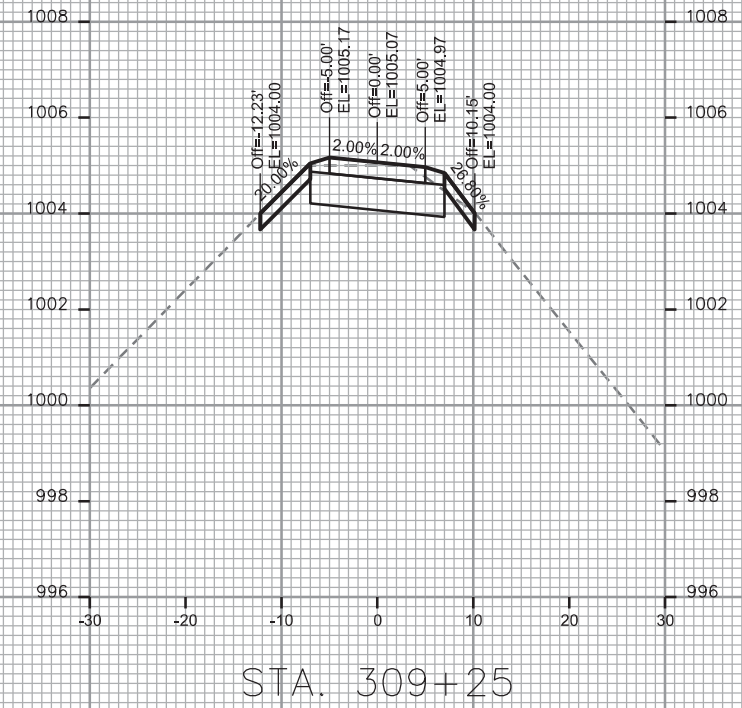
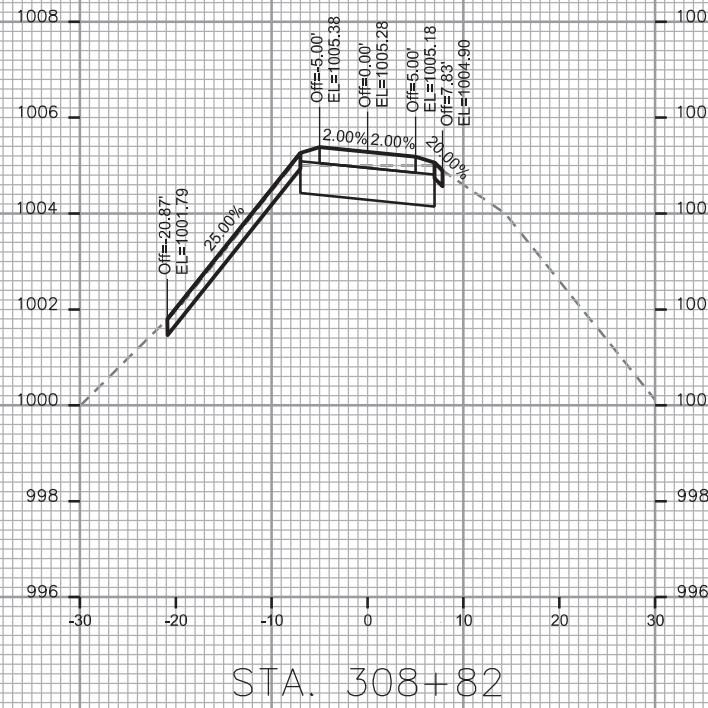
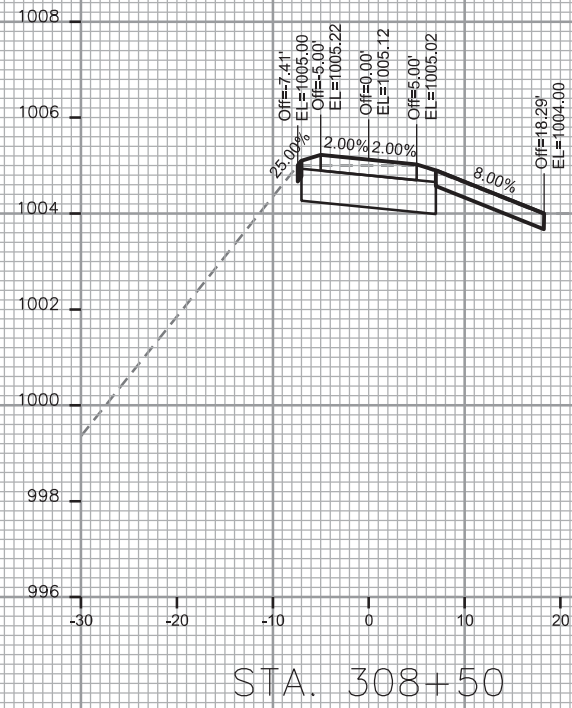


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CROSS SECTIONS

OL 3 & 4 PATH

CITY OF MADISON

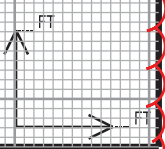
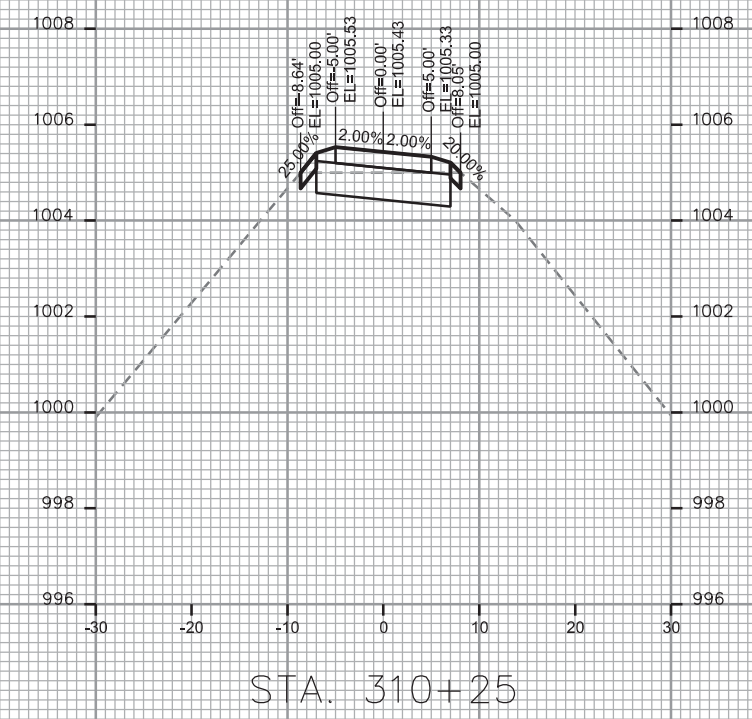
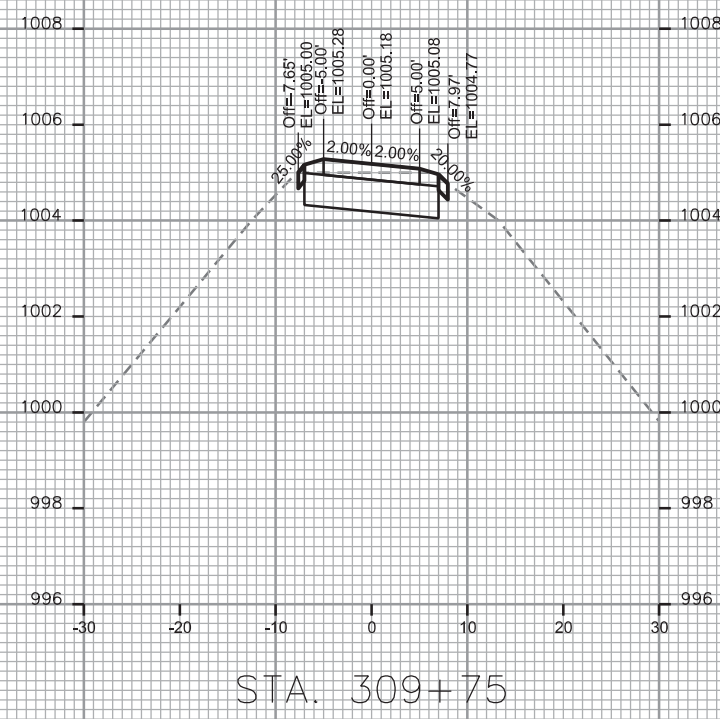
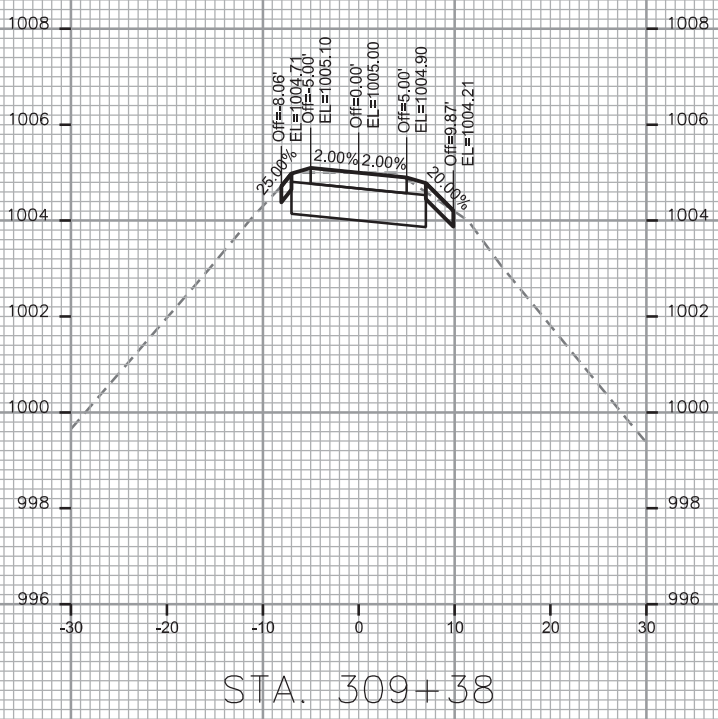
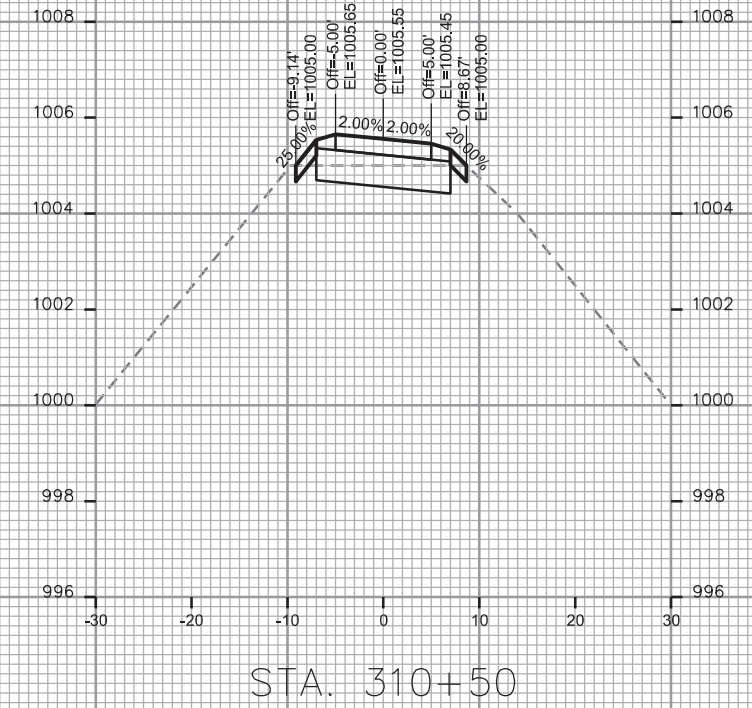
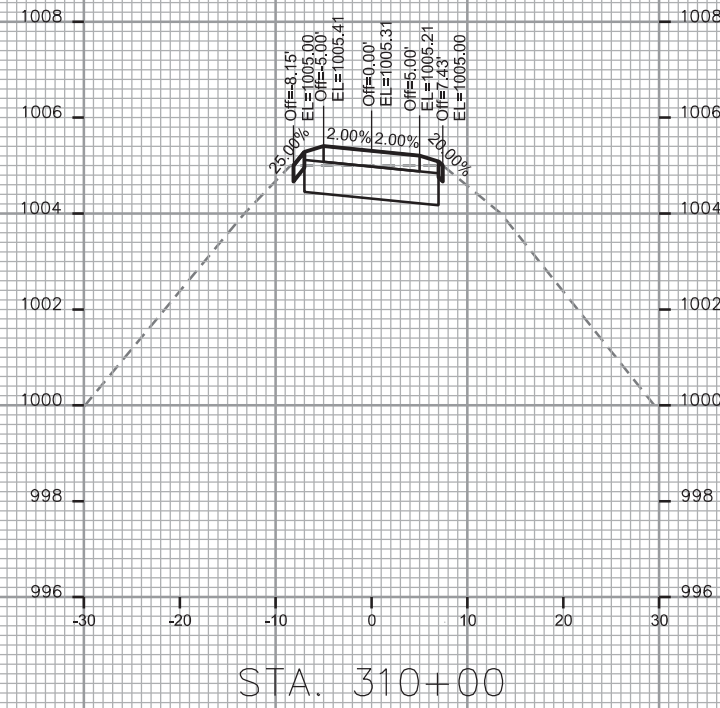
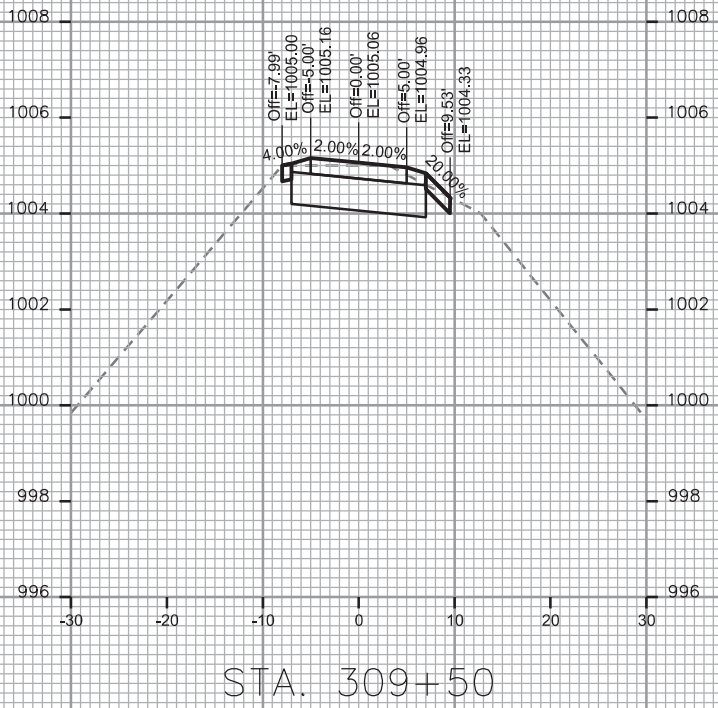
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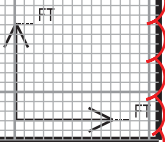
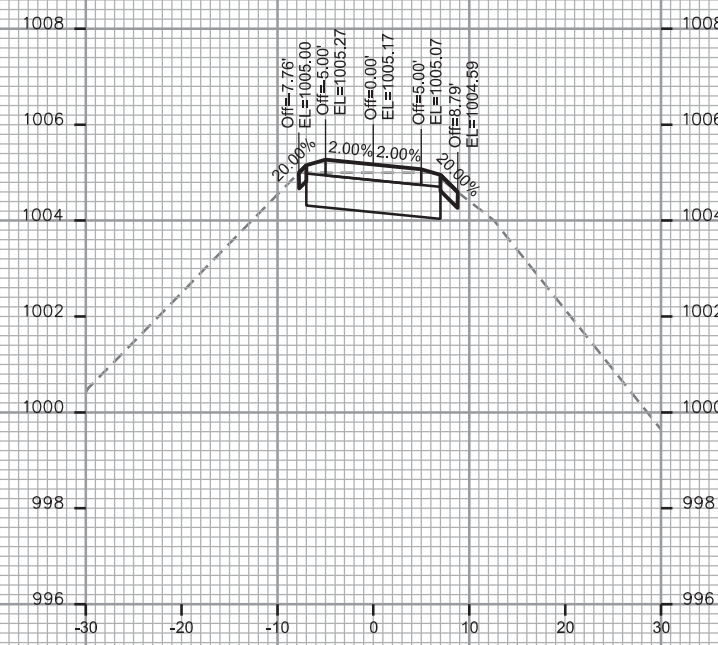
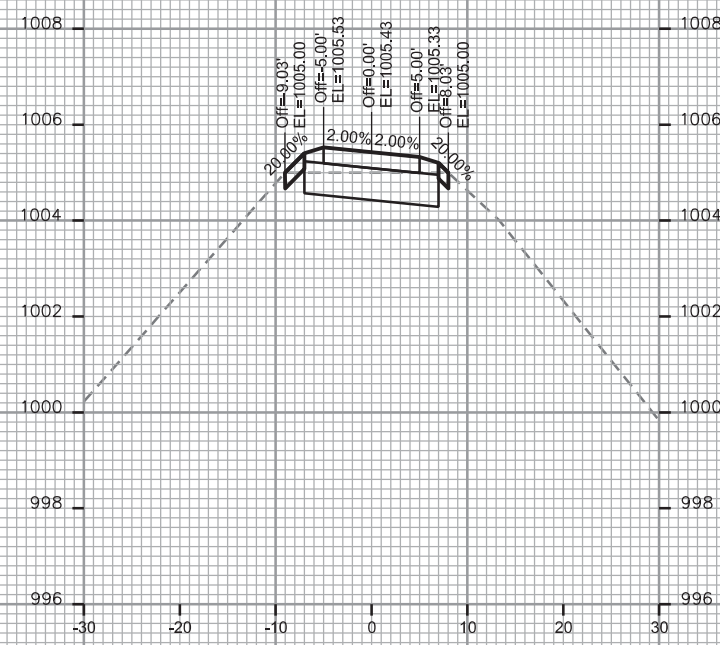
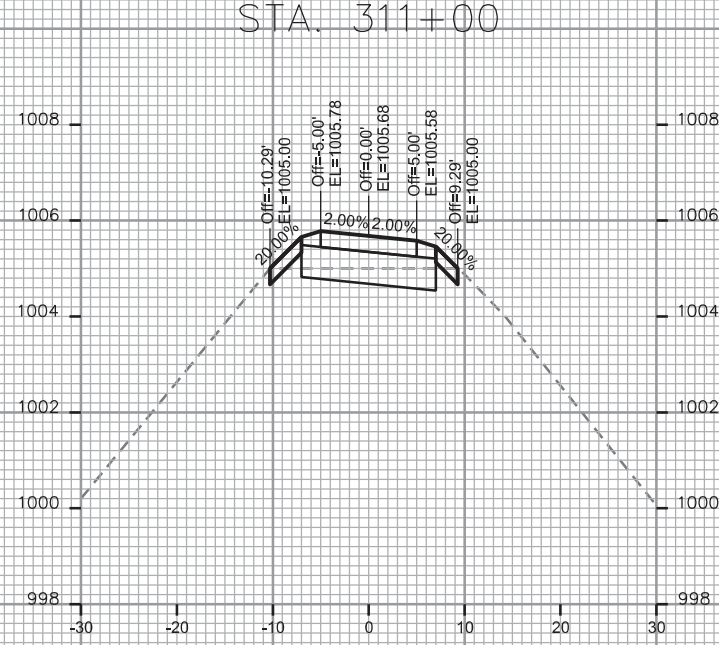
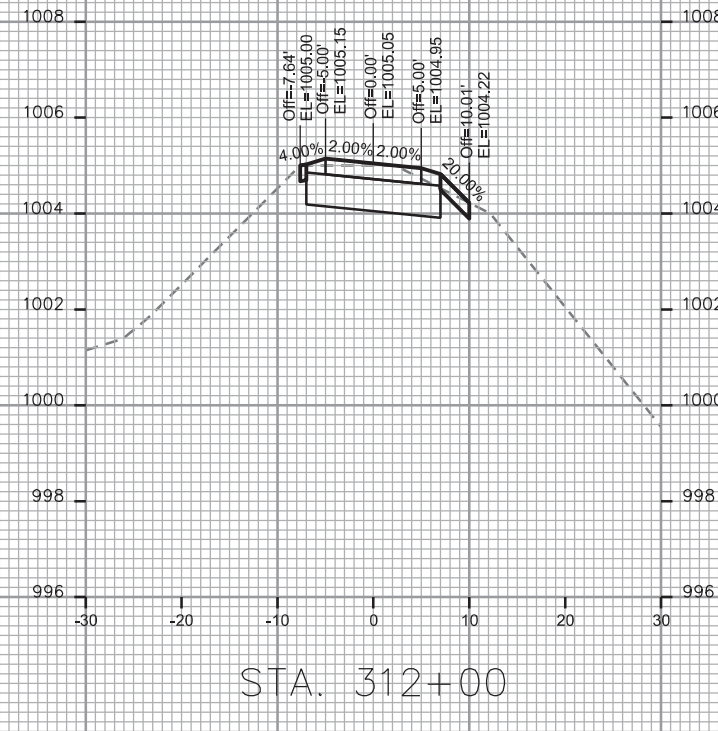
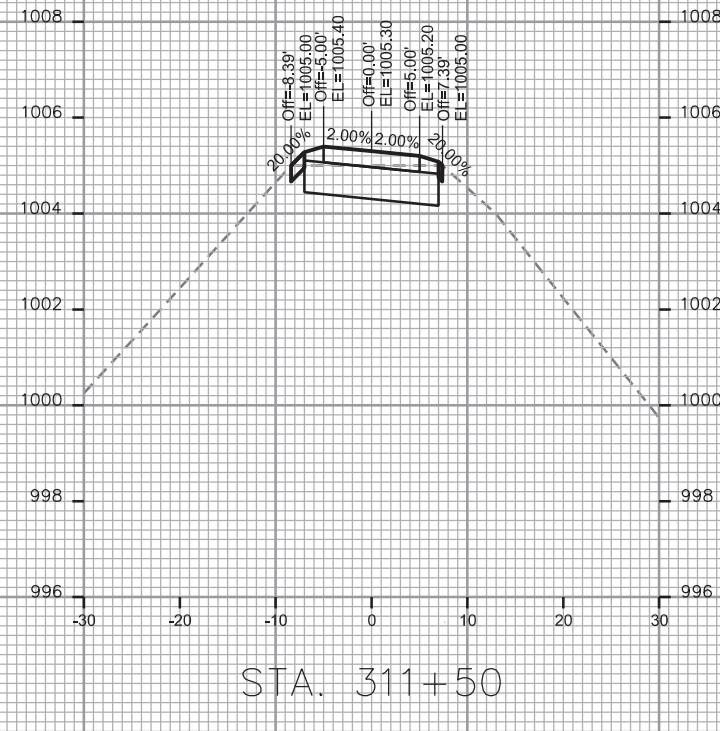
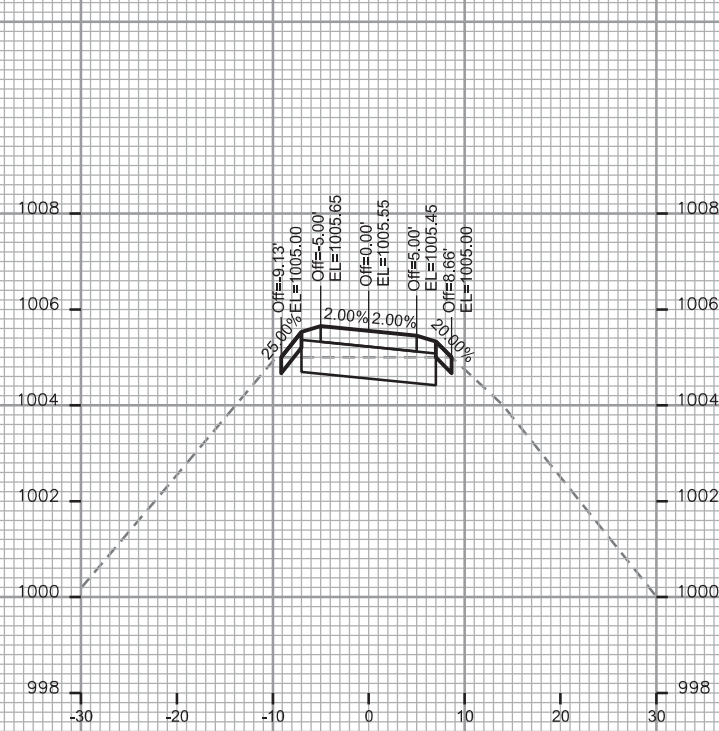
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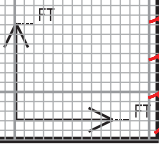
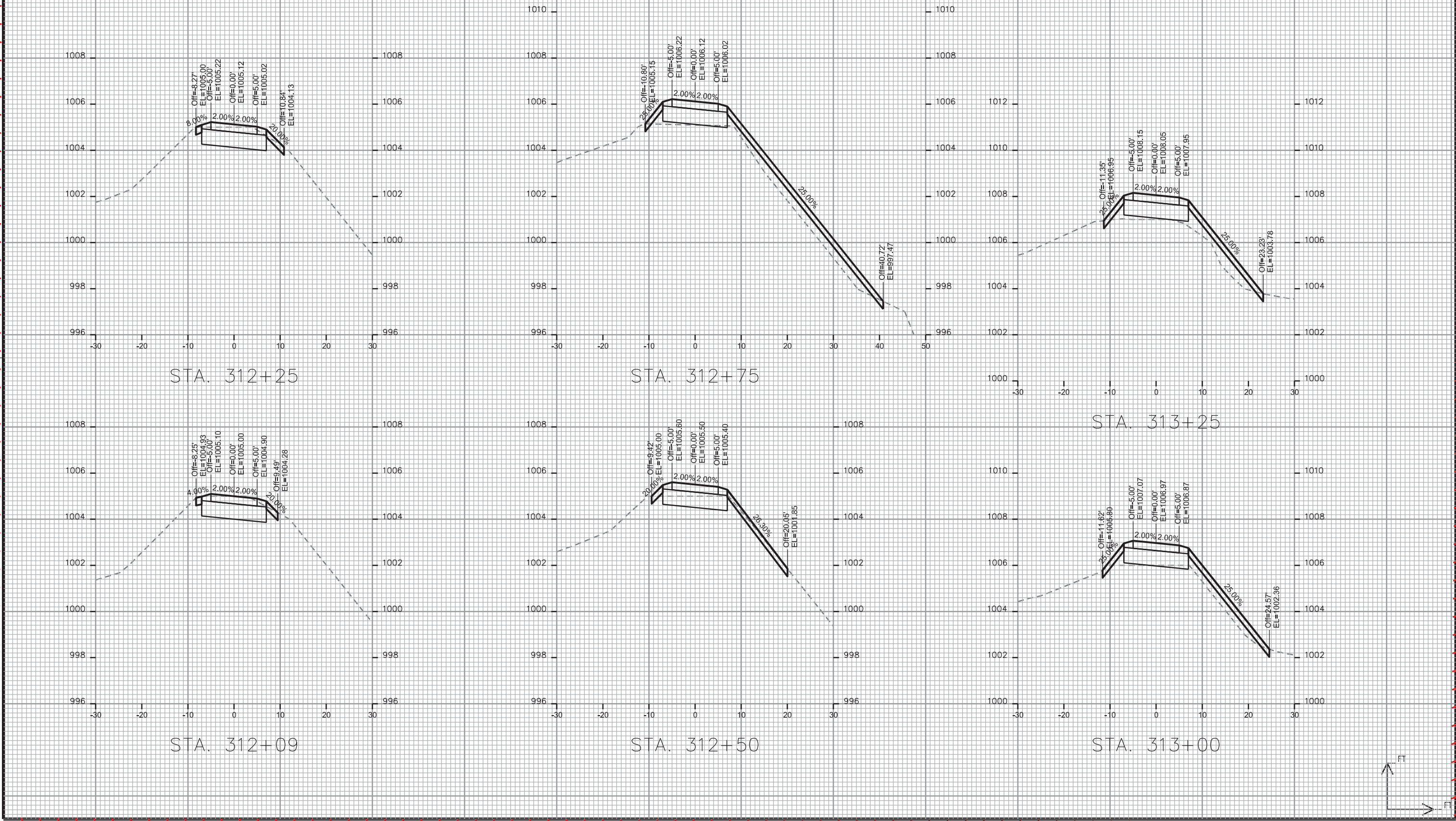
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