

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

APRIL 29, 2014

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] 6/13/14
City Engineer Date

INDEX OF SHEETS

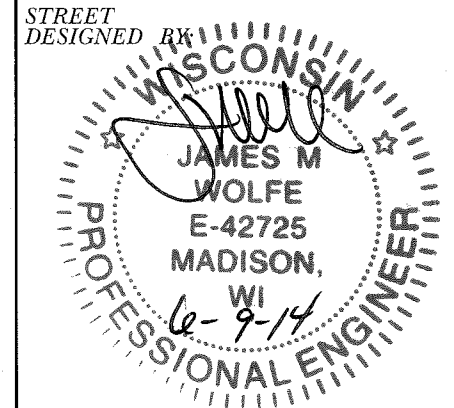
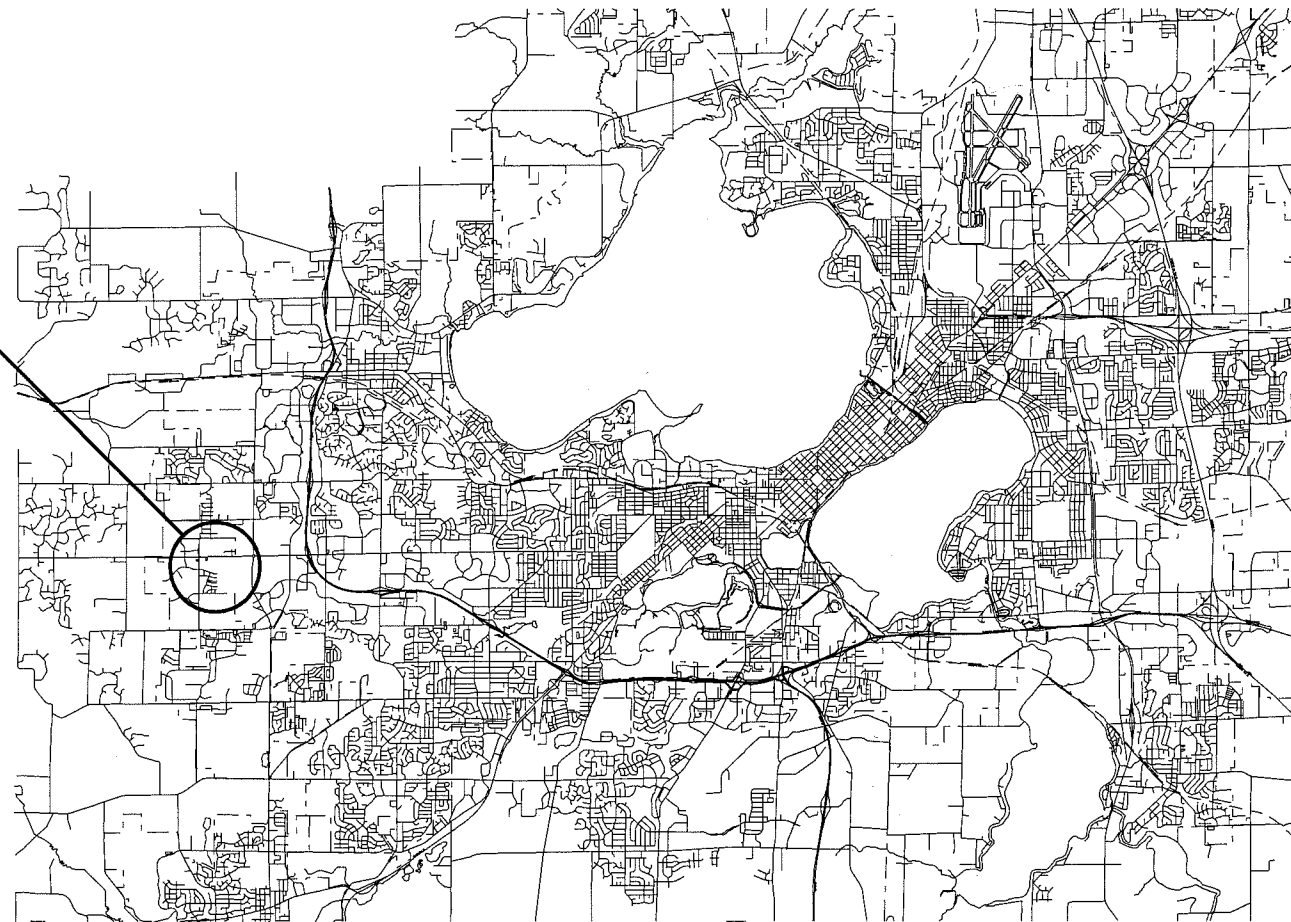
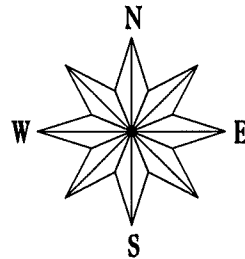
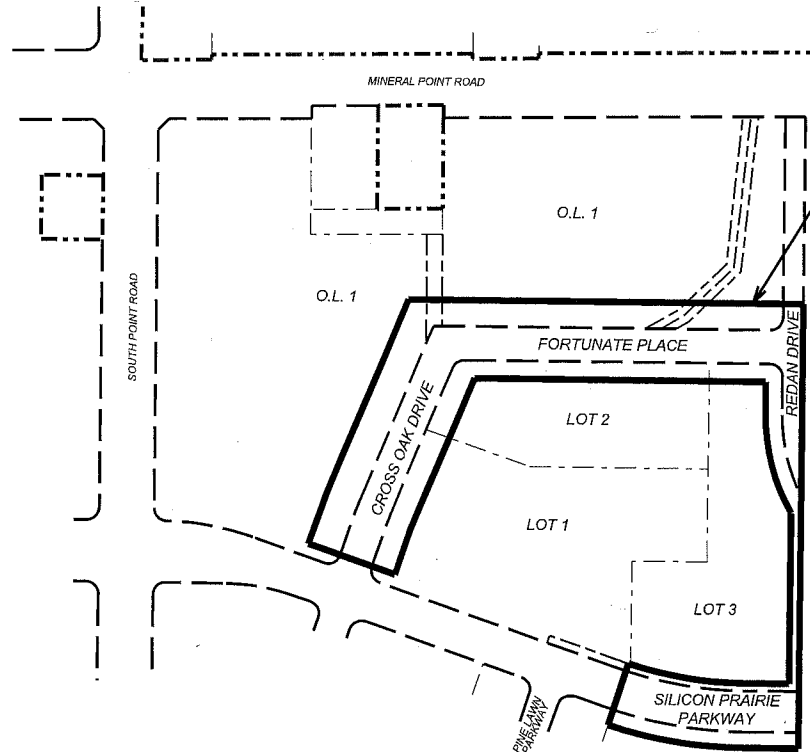
SHEET NO.	TITLE
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EC1-EC7	STREET PLAN & PROFILE: CROSS OAK DR
P1	STREET PLAN & PROFILE: FORTUNATE PL
P2-P3	STREET PLAN & PROFILE: SILICON PRAIRIE PKWY
P4	STREET PLAN & PROFILE: REDAN DR SIDEWALK
P5	UTILITY PLAN & PROFILE: CROSS OAK DR
U1	UTILITY PLAN & PROFILE: FORTUNATE PL
U2-U3	UTILITY PLAN & PROFILE: SILICON PRAIRIE PKWY
U4	UTILITY PLAN & PROFILE: EASEMENT TO O.L.16
U5	UTILITY PLAN & PROFILE: REDAN DR EASEMENT
U6-U7	SEWER SCHEDULES
U8-U9	WATER PLAN & PROFILE: CROSS OAK DR
W1	WATER PLAN & PROFILE: FORTUNATE PL
W2-W3	WATER PLAN & PROFILE: SILICON PRAIRIE PKWY
W4	WATER PLAN & PROFILE: EASEMENT TO O.L.16
W5	WATER MATERIALS
W6	CROSS SECTIONS: CROSS OAK DR
X1-X6	CROSS SECTIONS: FORTUNATE PL
X7-X13	CROSS SECTIONS: SILICON PRAIRIE PKWY
X14-X18	CROSS SECTIONS: REDAN DR SIDEWALK
X19-X20	

CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND SILICON PRAIRIE PARKWAY ASSESSMENT DISTRICT - 2014

CITY PROJECT NO. 53W1726

CITY CONTRACT NO. 7224

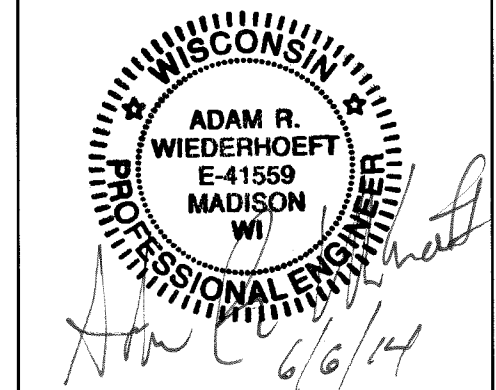
PROJECT LOCATION



STORM SEWER, SANITARY SEWER & EROSION CONTROL DESIGNED BY:



WATER DESIGNED BY:

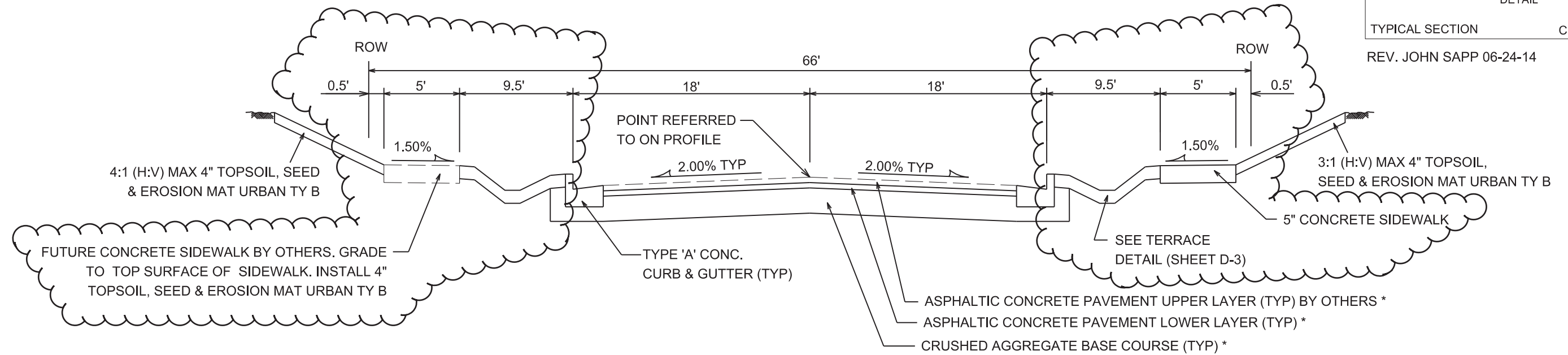


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PLOT NAME:

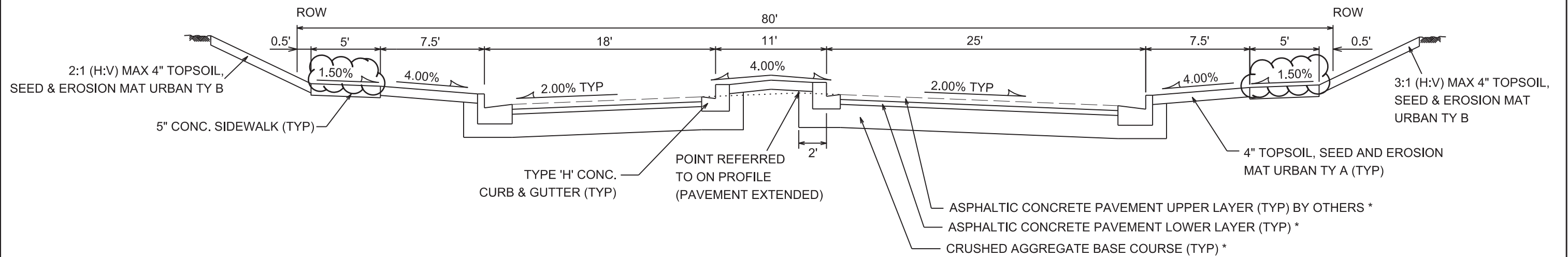
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



TYPICAL SECTION

CROSS OAK DRIVE
NOT TO SCALE



TYPICAL SECTION

SILICON PRAIRIE PARKWAY
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	2.50"	E-1	1.75"
C	6"	4"	E-3	3.50"	E-3	1.75"

NOTES:

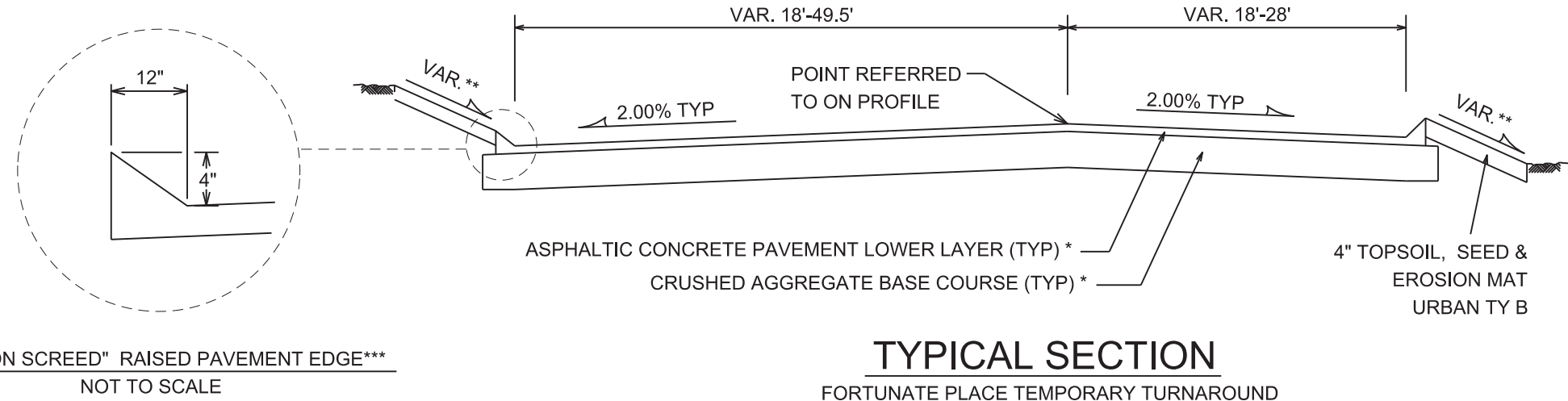
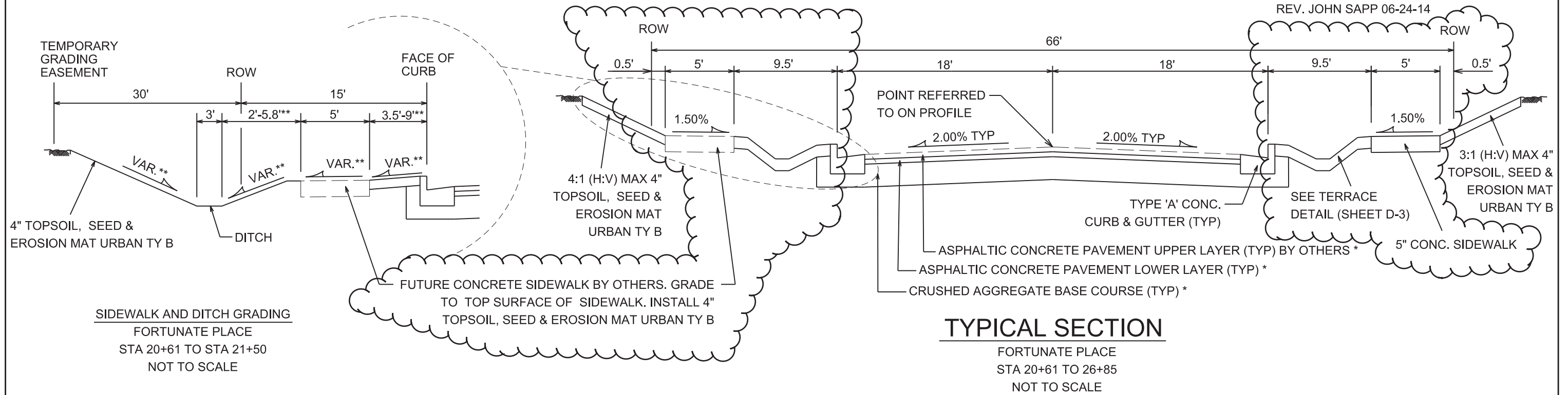
* TYPE 'B' PAVEMENT SHALL BE USED ON CROSS OAK DRIVE AND SILICON PRAIRIE PARKWAY.

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

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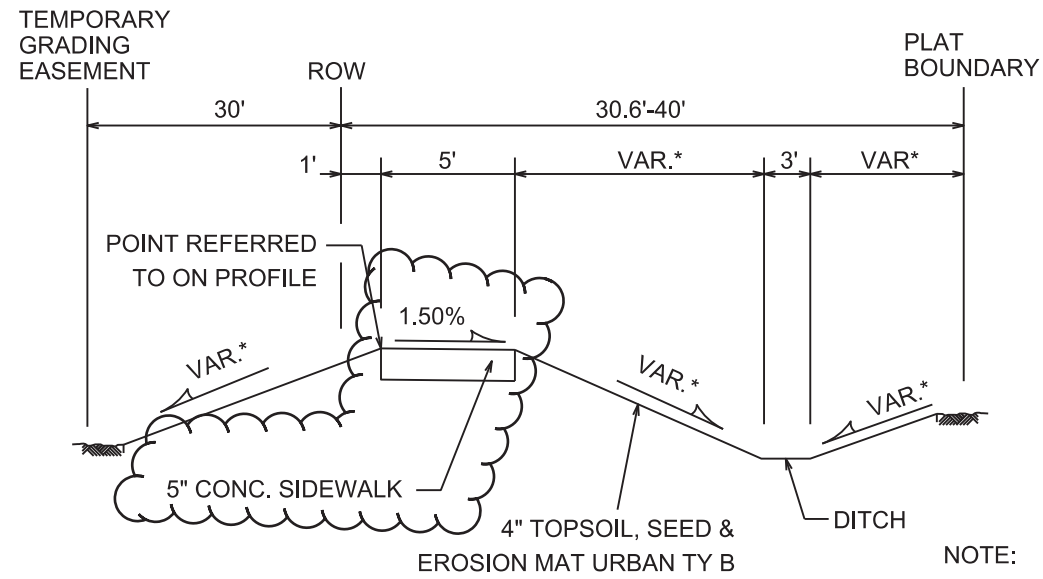
- * TYPE 'B' PAVEMENT SHALL BE USED ON FORTUNATE PLACE.
- ** SEE CROSS SECTIONS FOR OFFSETS, GRADES AND SLOPES.
- *** INSTALL CARLSON SCREED RAISED PAVEMENT EDGE WITH ASPHALT PAVEMENT. INCIDENTAL TO BID ITEM 40202 HMA PAVEMENT TYPE E-1.

PLOT SCALE: _____

PLOT NAME: _____

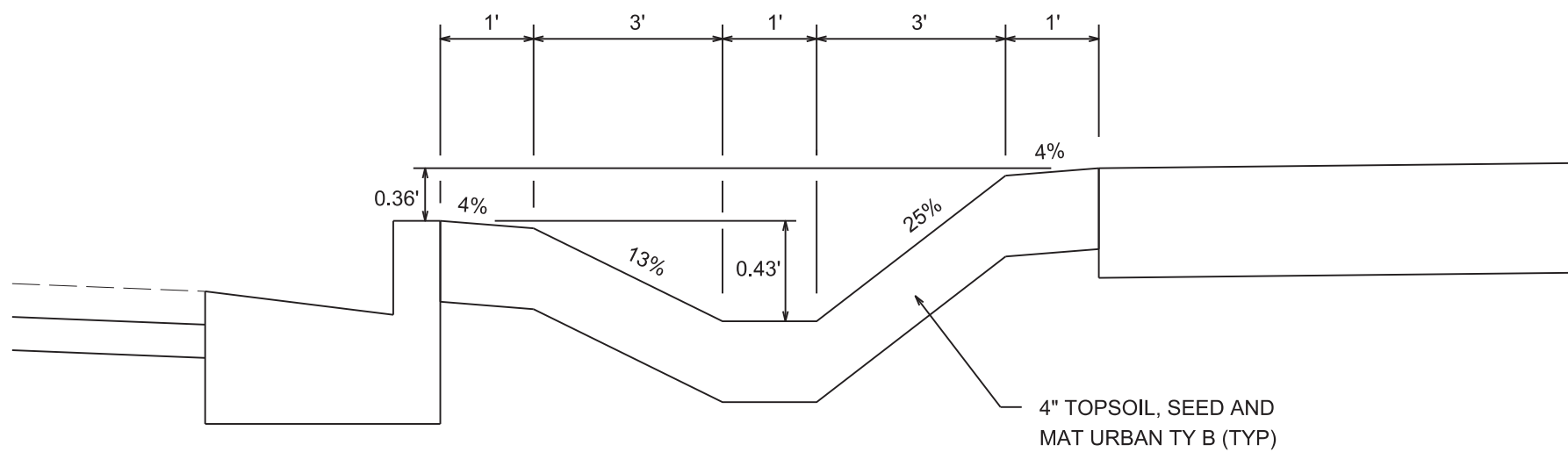
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NOTE:
* SEE CROSS SECTIONS FOR OFFSETS, GRADES AND SLOPES.

TYPICAL SECTION
REDAN DRIVE SIDEWALK
STA 105+00 TO 106+81
NOT TO SCALE



TERRACE DETAIL
NOT TO SCALE

EARTHWORK SUMMARY

① UNCLASSIFIED EXCAVATION (PLAN QUANTITY).....	10,918 CY
② ESTIMATED UNDISTRIBUTED UNDERCUT.....	640 CY
TOTAL EXCAVATION CUT (PAID QUANTITY).....	11,558 CY
③ TOTAL FILL (EXPANSION FACTOR 1.0).....	1,931 CY
④ ESTIMATED SELECT FILL.....	1,190 CY
③ ESTIMATED WASTE.....	9,627 CY

- EARTHWORK NOTES**
- ① PLAN QUANTITY INCLUDES ALL EXCAVATION NECESSARY FOR STREET & SIDEWALK AS SHOWN ON CROSS SECTIONS. ALSO INCLUDES NECESSARY TOPSOIL STRIPPING AND EXCAVATION FOR TERRACE.
 - ② UNDERCUT NOT USED TO BALANCE EARTHWORK
 - ③ NO EXPANSION OR SHRINKAGE FACTORS WERE USED TO DETERMINE QUANTITIES. TOTAL FILL BASED OFF OF CROSS SECTIONS.
 - ④ SELECT FILL SHALL BE PAID BY THE TON AS INDICATED ON THE PROPOSAL. VOLUME ONLY USED TO CALCULATE EARTHWORK BALANCE. CONTRACTOR SHALL USE MATERIAL FROM ON SITE IF SUITABLE MATERIAL IS FOUND IN CUT AREAS. FOR THE EARTHWORK BALANCE, IT WAS ASSUMED THAT SELECT FILL WAS HAULED TO THE SITE.

PLOT SCALE: _____

PLOT NAME: _____

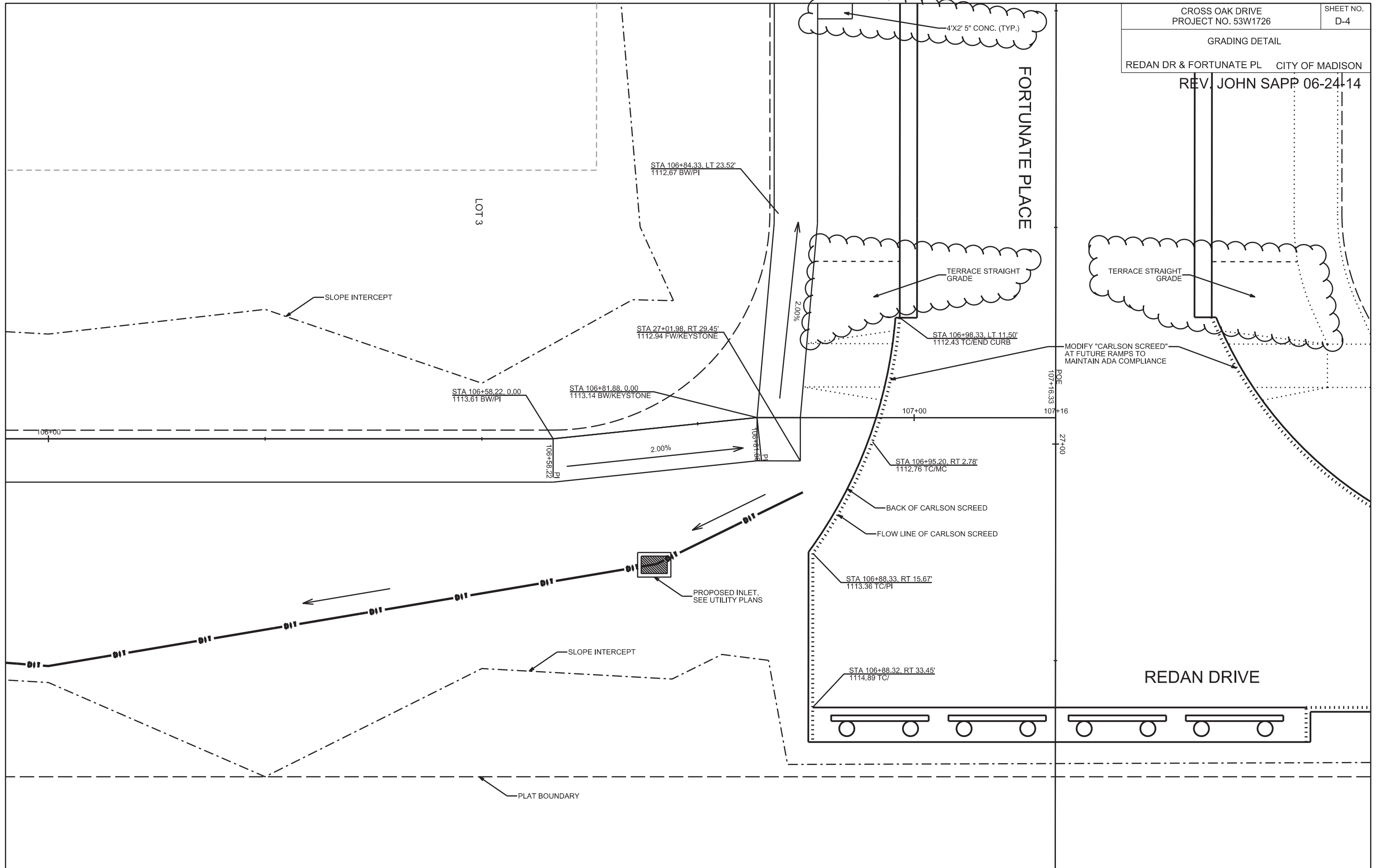
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

GRADING DETAIL

REDAN DR & FORTUNATE PL CITY OF MADISON

REV. JOHN SAPP 06-24-14



PLOT SCALE:

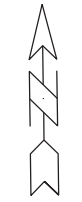
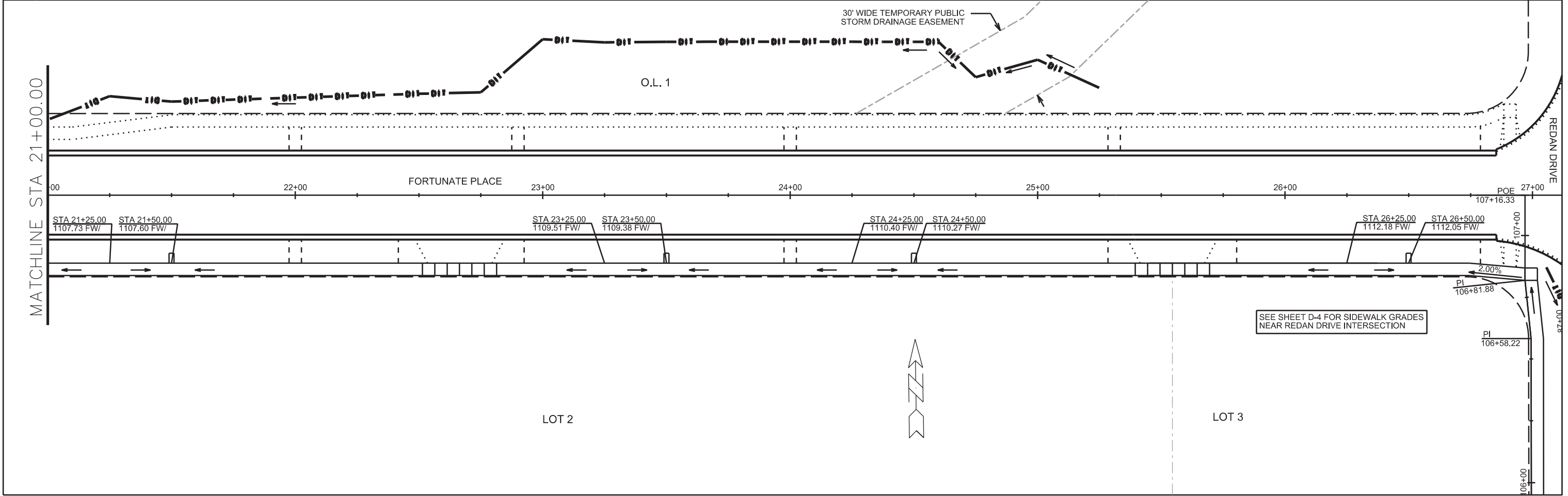
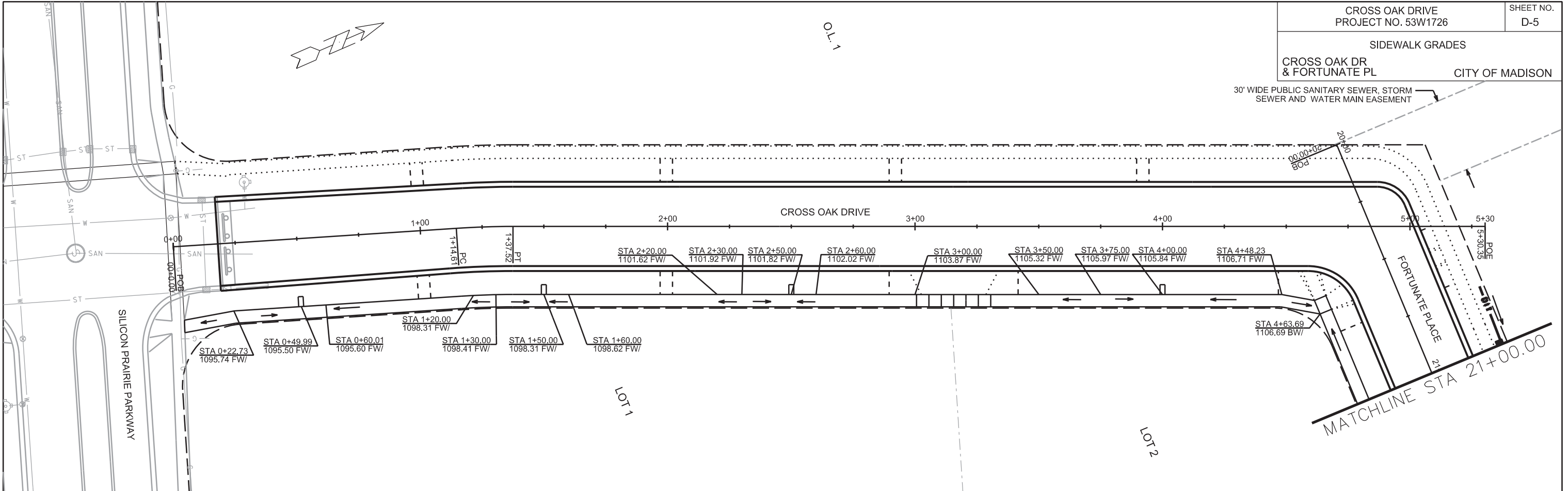
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SIDEWALK GRADES
CROSS OAK DR
& FORTUNATE PL
CITY OF MADISON

30' WIDE PUBLIC SANITARY SEWER, STORM
SEWER AND WATER MAIN EASEMENT

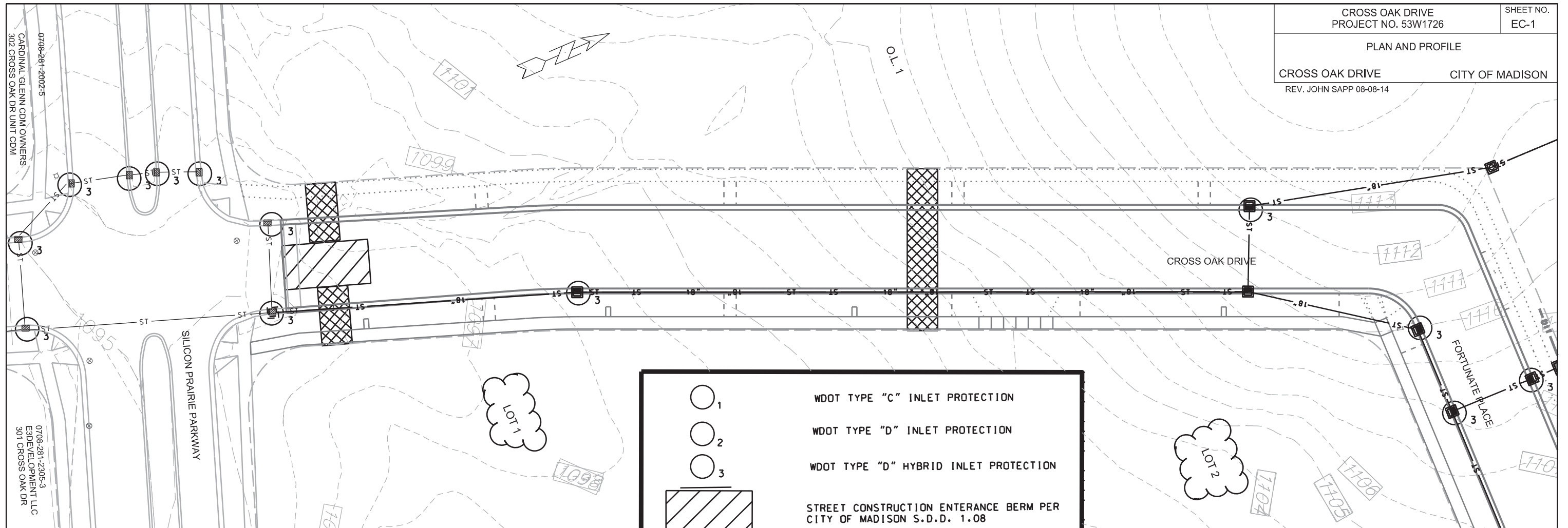


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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



	WDOT TYPE "C" INLET PROTECTION
	WDOT TYPE "D" INLET PROTECTION
	WDOT TYPE "D" HYBRID INLET PROTECTION
	STREET CONSTRUCTION ENTRANCE BERM PER CITY OF MADISON S.D.D. 1.08
	SILT SOCK (S.D.D. 1.09)
	STREET CONSTRUCTION STONE BERM (S.D.D. 1.10)
	CONSTRUCTION ENTRANCE (S.D.D. 1.07)

EROSION CONTROL NOTES:

PROVISION OF AN EROSION CONTROL IMPLEMENTATION PLAN BY THE CONTRACTOR AT THE PRE-CON IS REQUIRED.

THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION DEWATERING PLAN AS PART OF THE EROSION CONTROL IMPLEMENTATION PLAN.

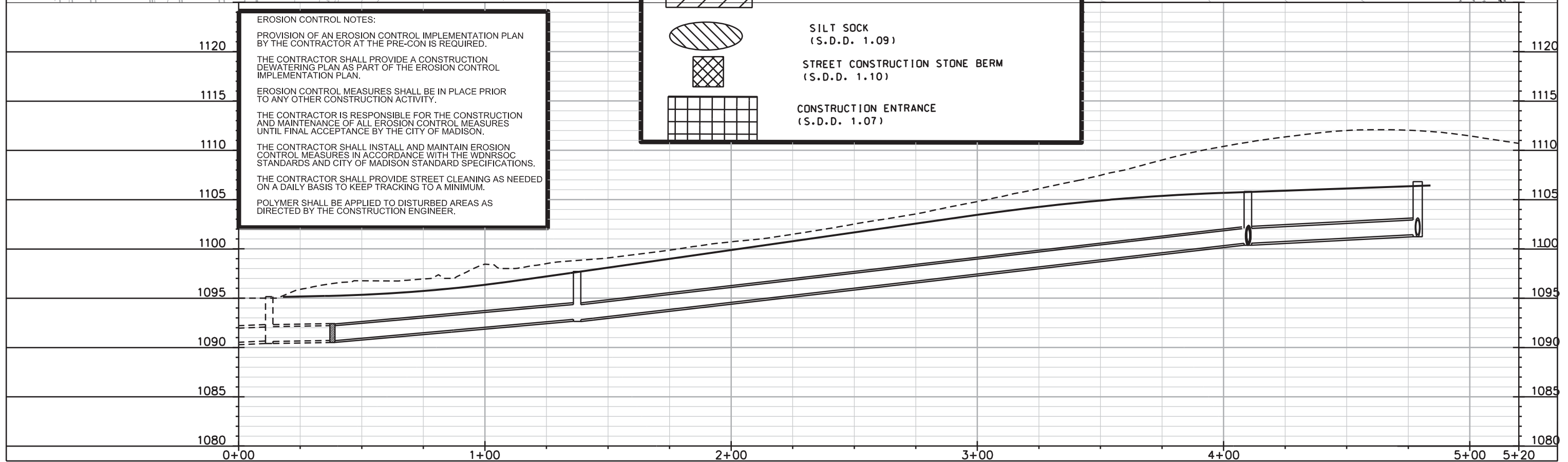
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THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

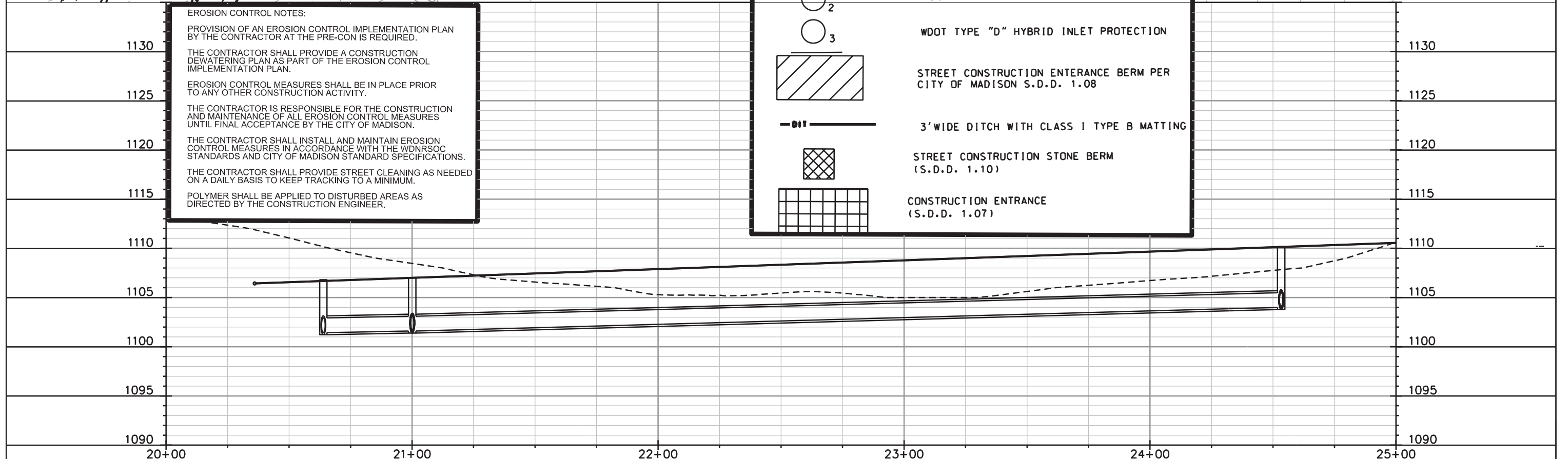
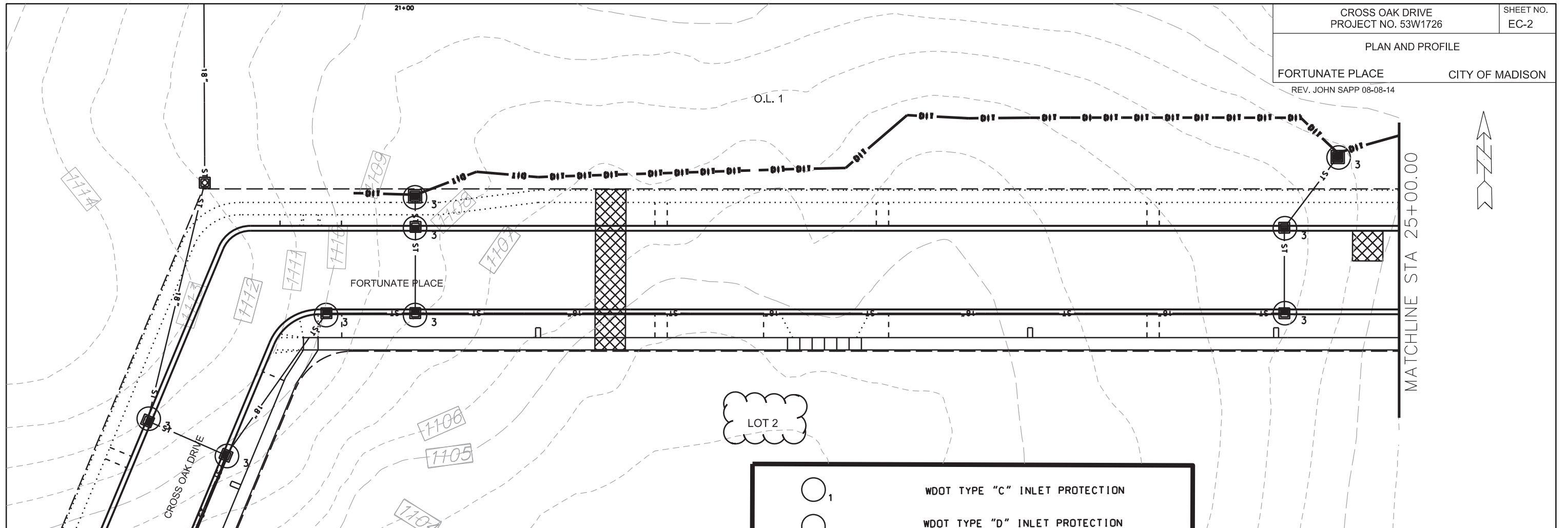


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PLAN AND PROFILE

FORTUNATE PLACE CITY OF MADISON

REV. JOHN SAPP 08-08-14

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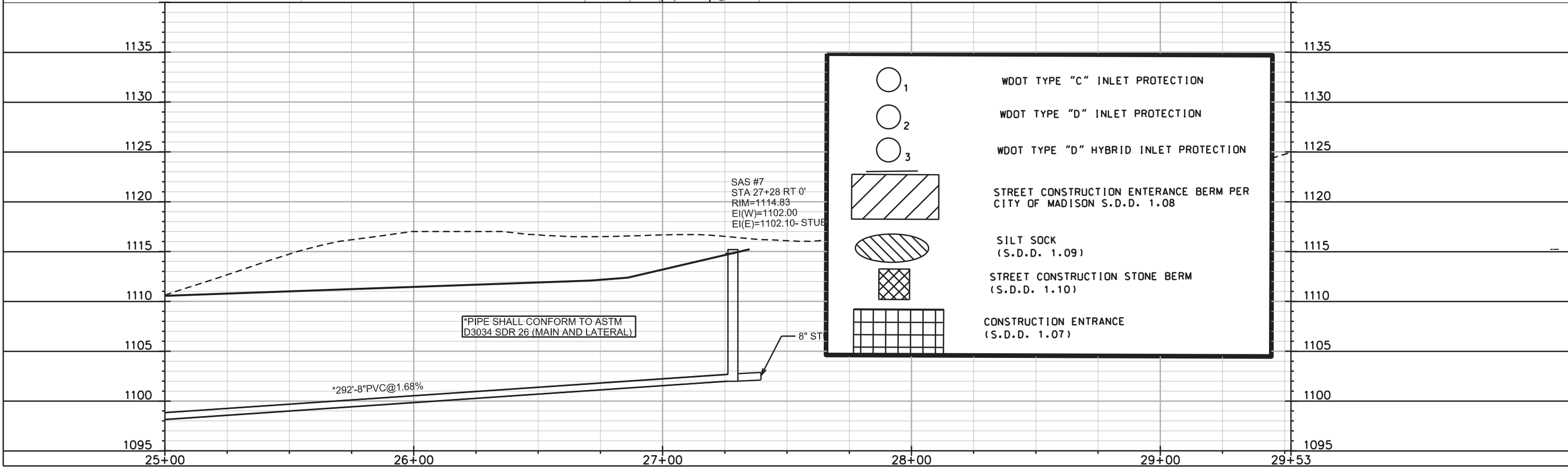
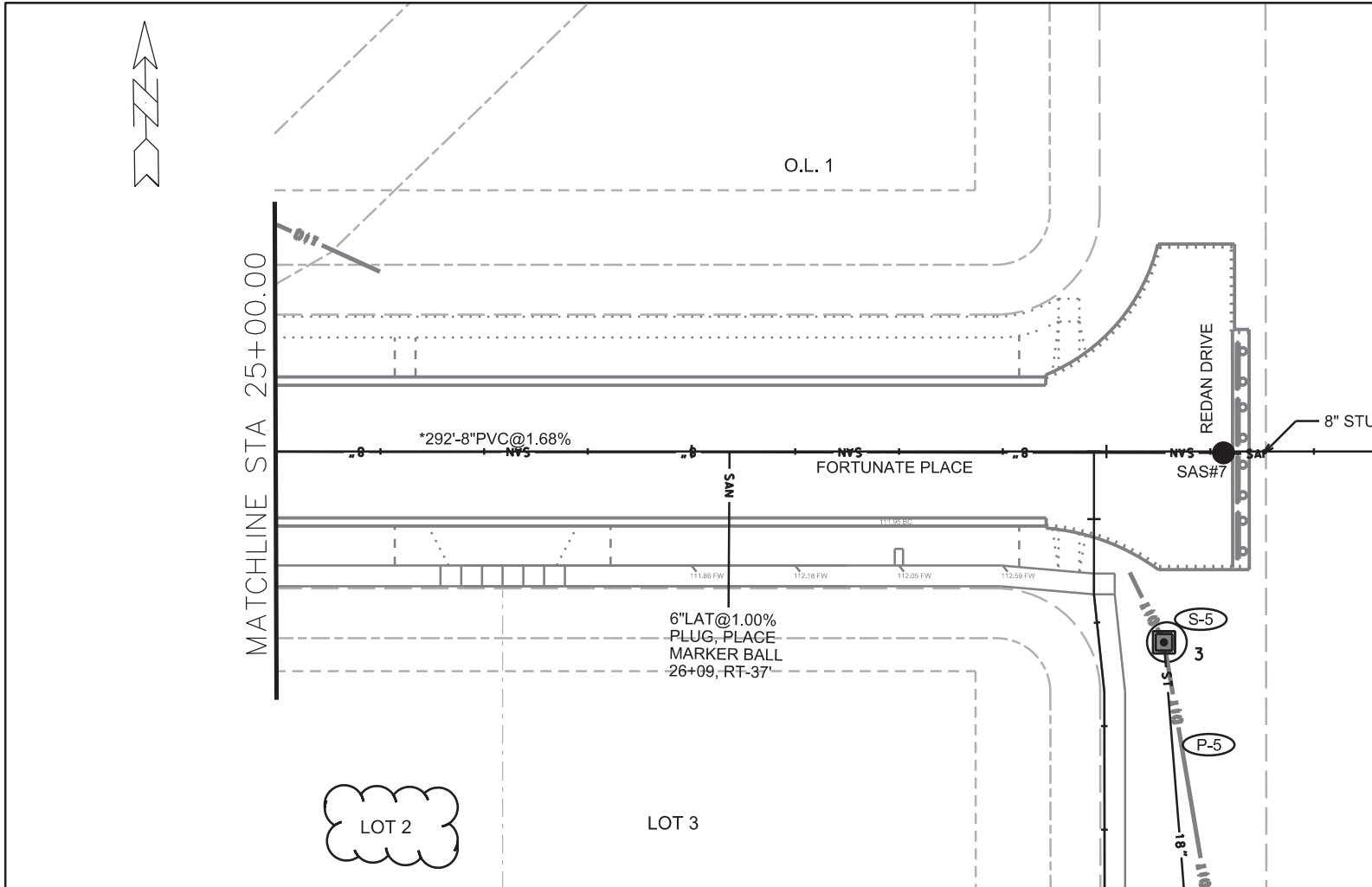
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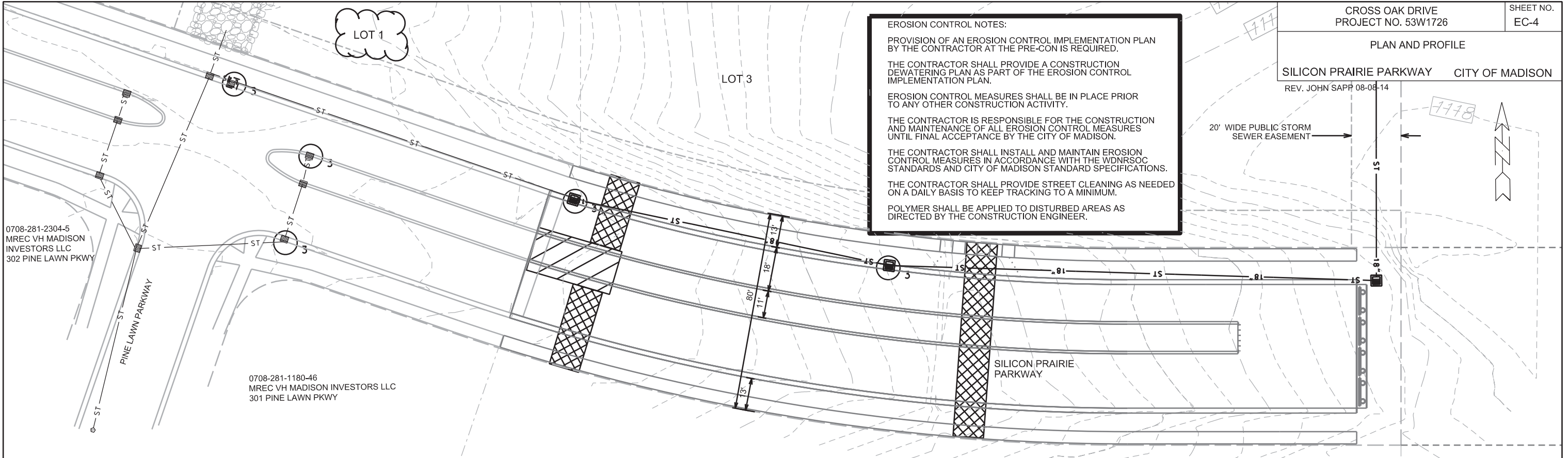
PLAN AND PROFILE

SILICON PRAIRIE PARKWAY CITY OF MADISON

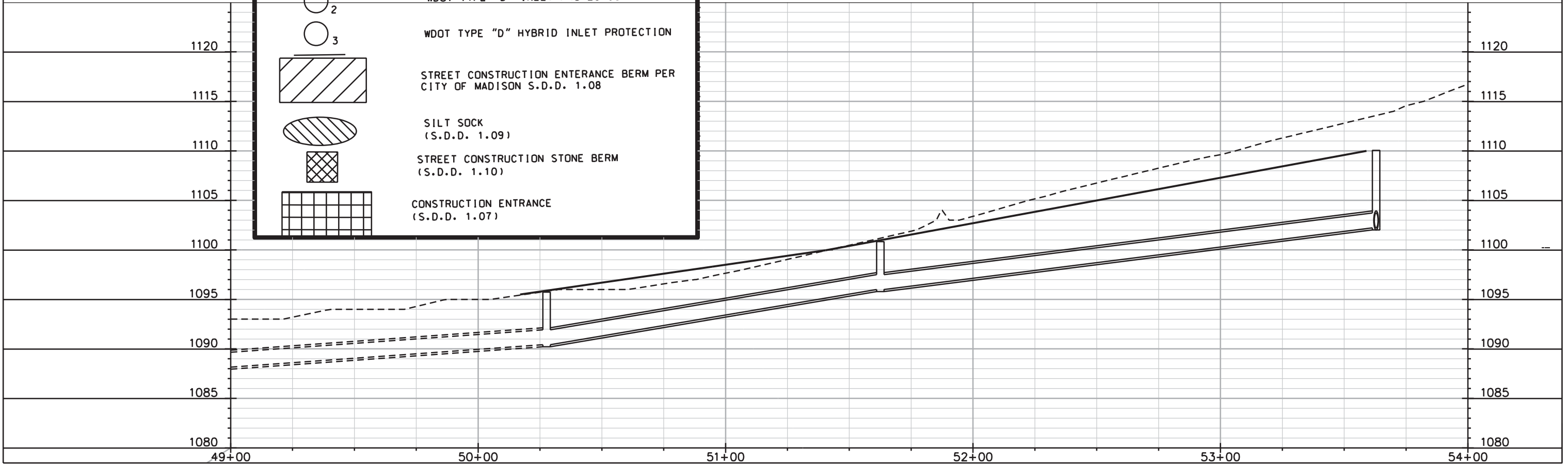
REV. JOHN SAPP 08-08-14

20' WIDE PUBLIC STORM
SEWER EASEMENT

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	STREET CONSTRUCTION ENTRANCE BERM PER CITY OF MADISON S.D.D. 1.08
	SILT SOCK (S.D.D. 1.09)
	STREET CONSTRUCTION STONE BERM (S.D.D. 1.10)
	CONSTRUCTION ENTRANCE (S.D.D. 1.07)

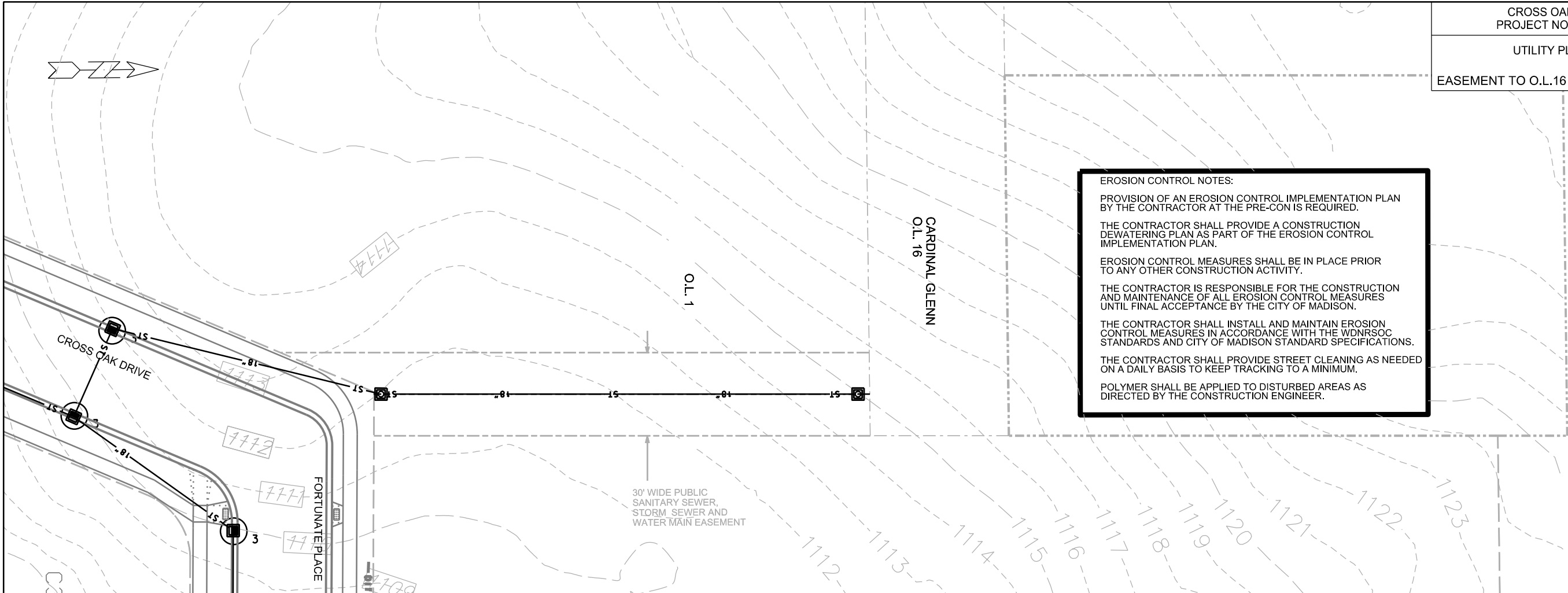


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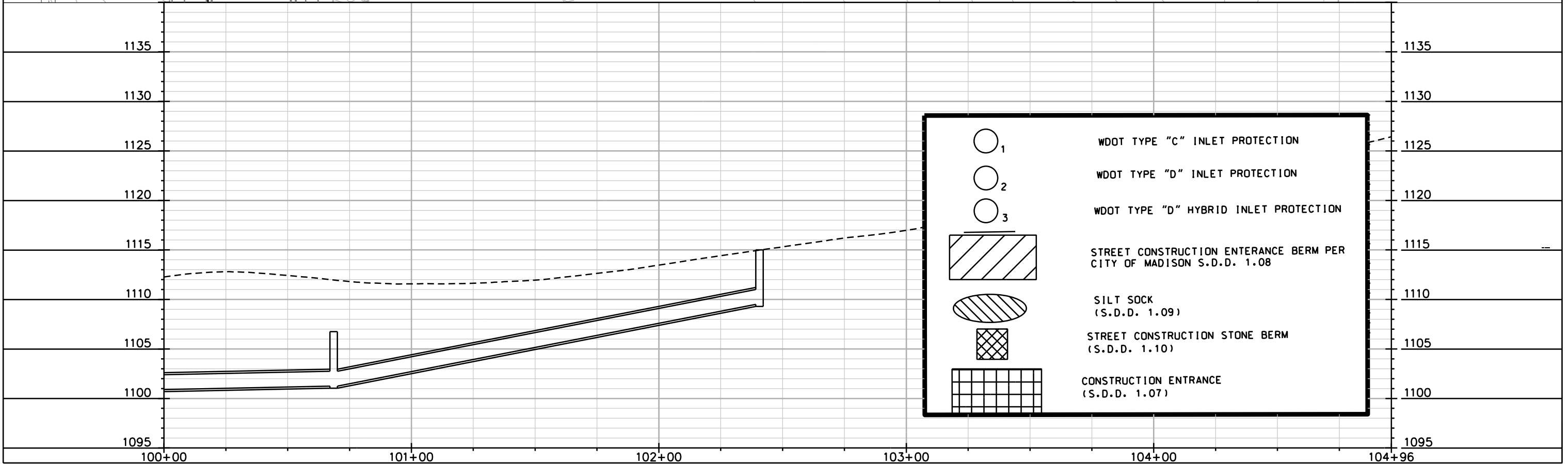
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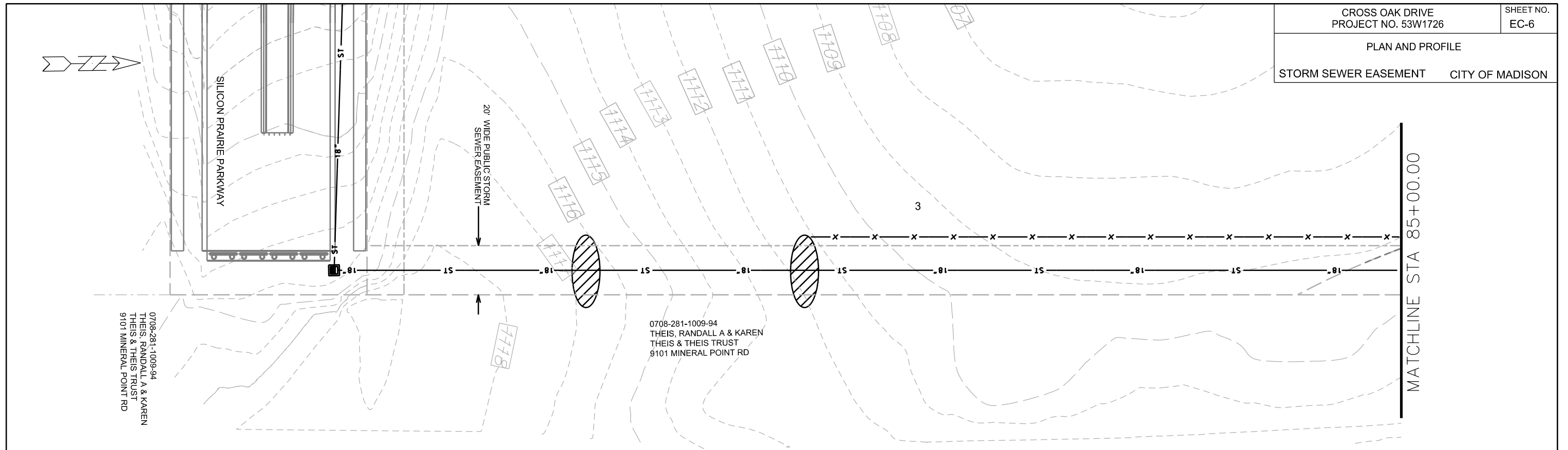
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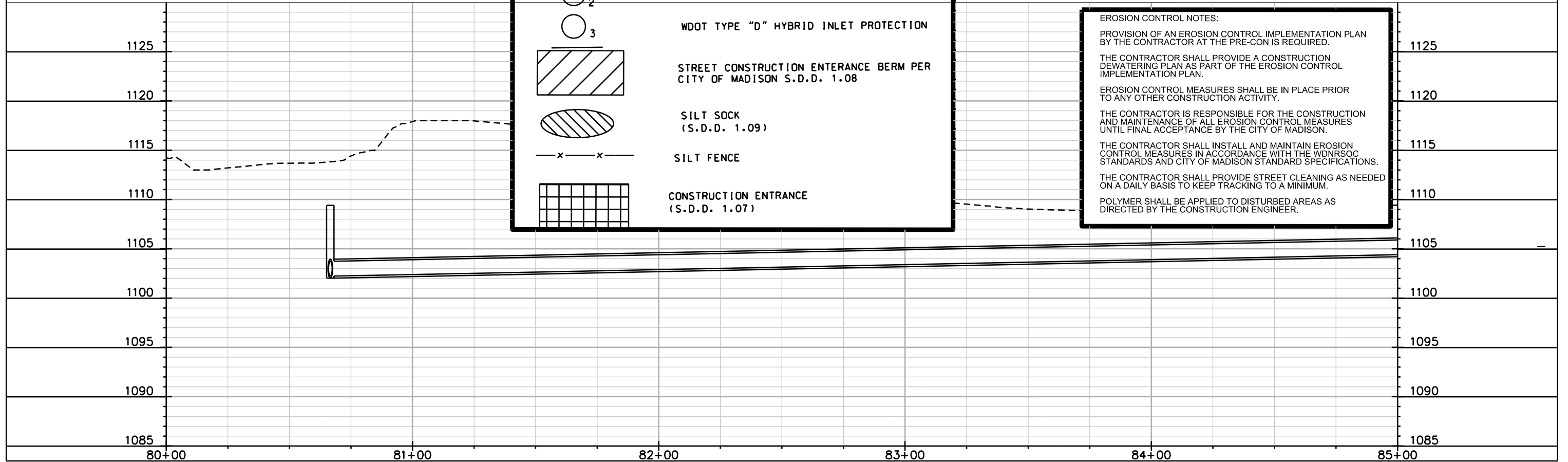
ORIGINATOR: CITY OF MADISON, STREETS DIVISION





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	STREET CONSTRUCTION ENTRANCE BERM PER CITY OF MADISON S.D.D. 1.08
	SILT SOCK (S.D.D. 1.09)
	SILT FENCE
	CONSTRUCTION ENTRANCE (S.D.D. 1.07)

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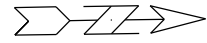


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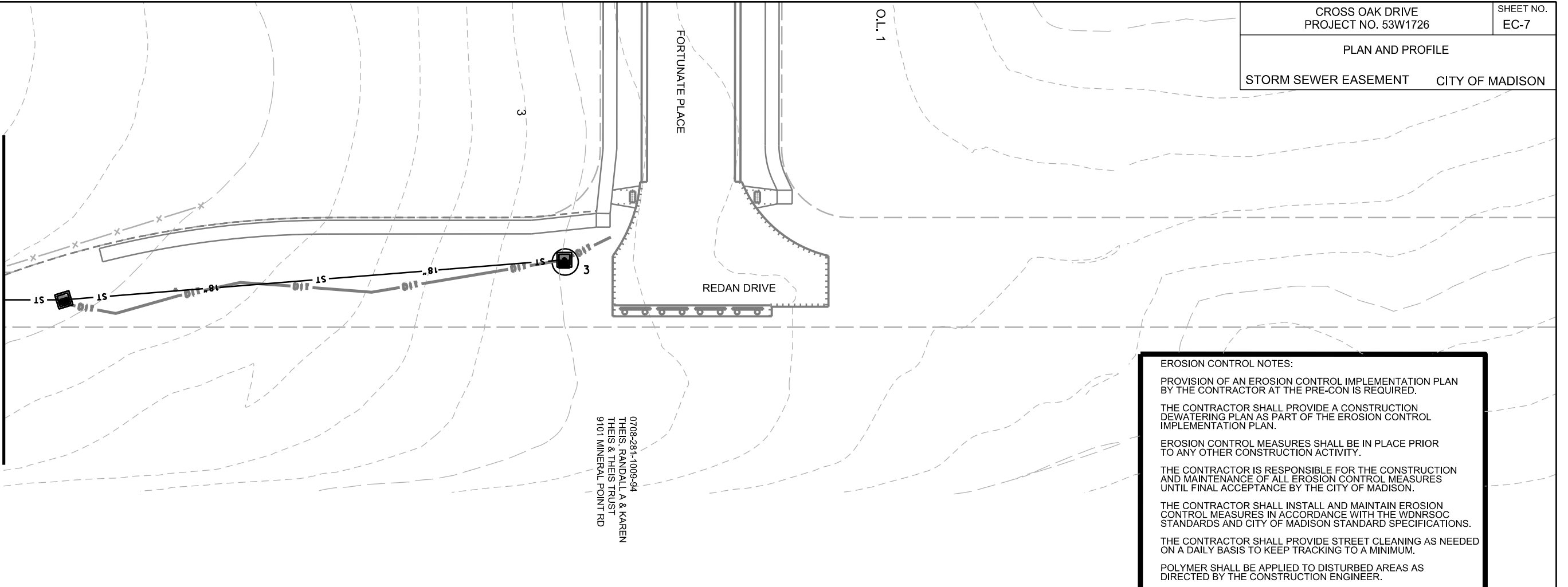
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MATCHLINE STA 85+00.00



0708-281-1009-94
THEIS, RANDALL A & KAREN
THEIS & THEIS TRUST
9101 MINERAL POINT RD

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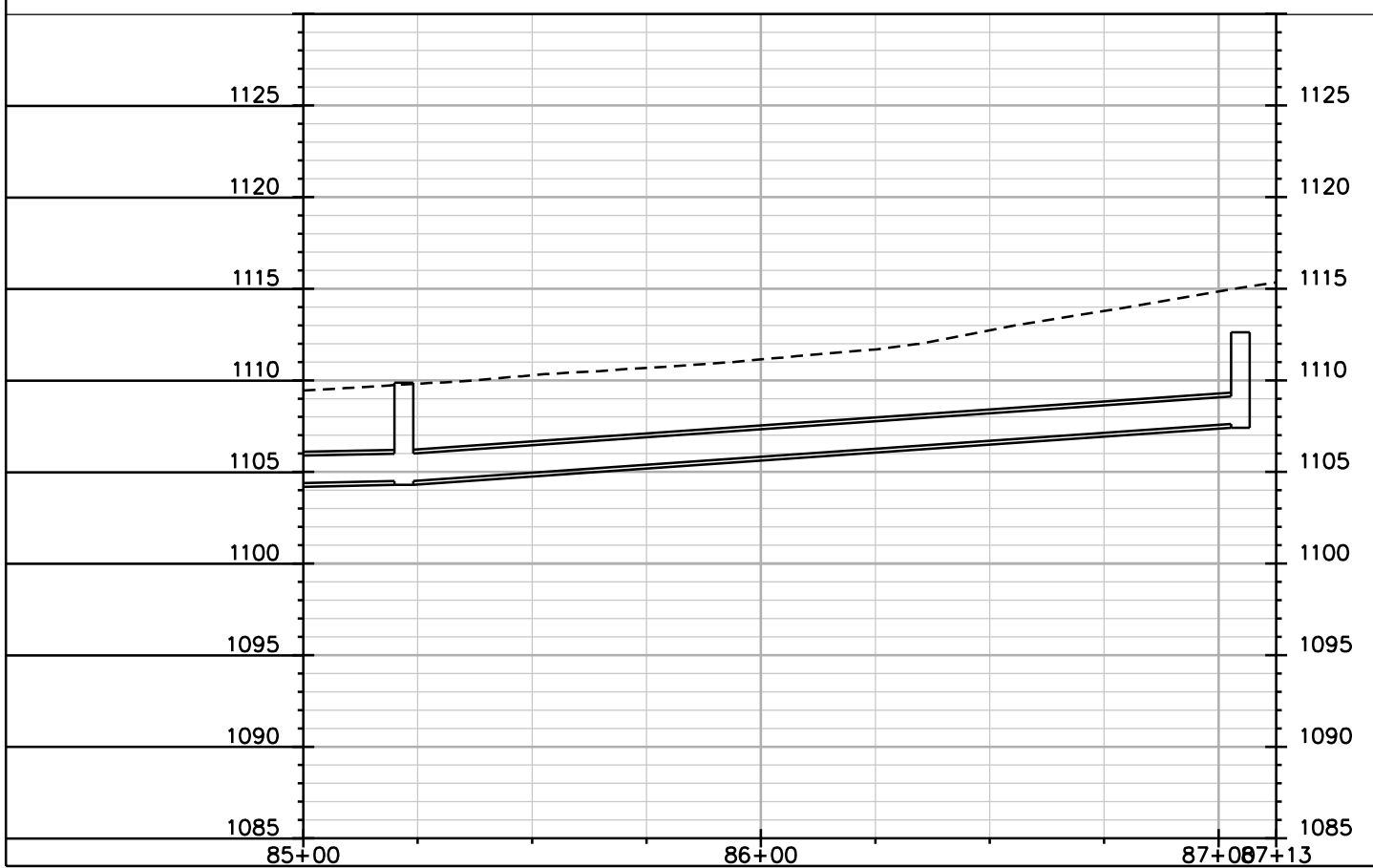
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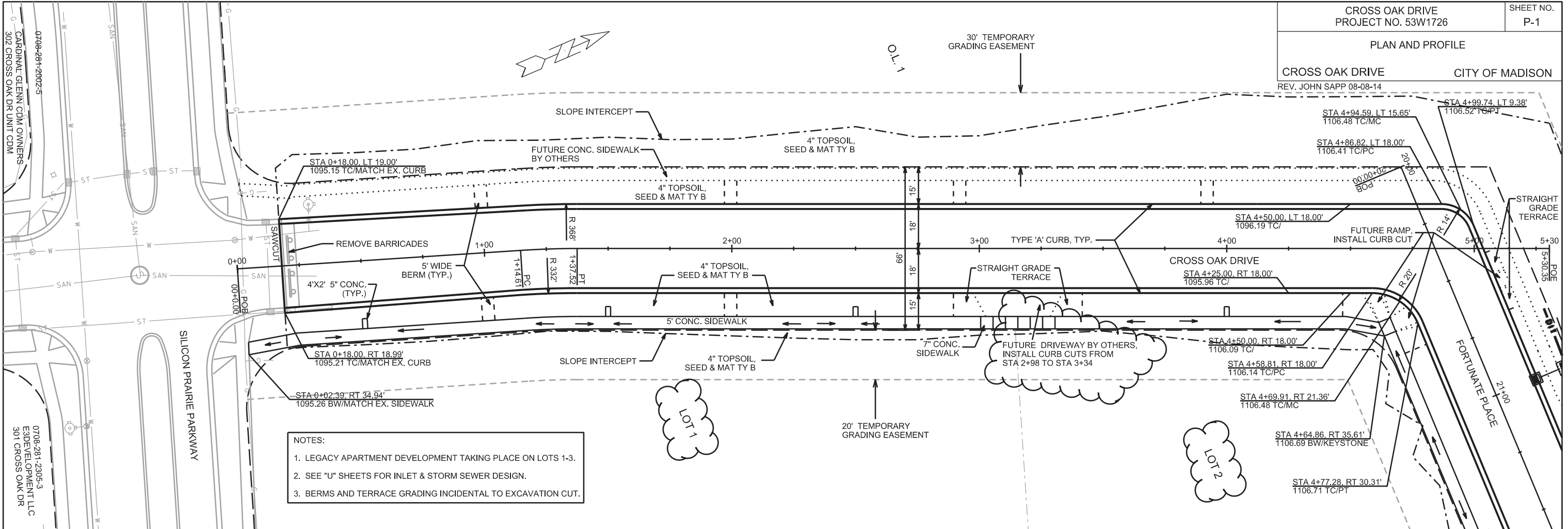
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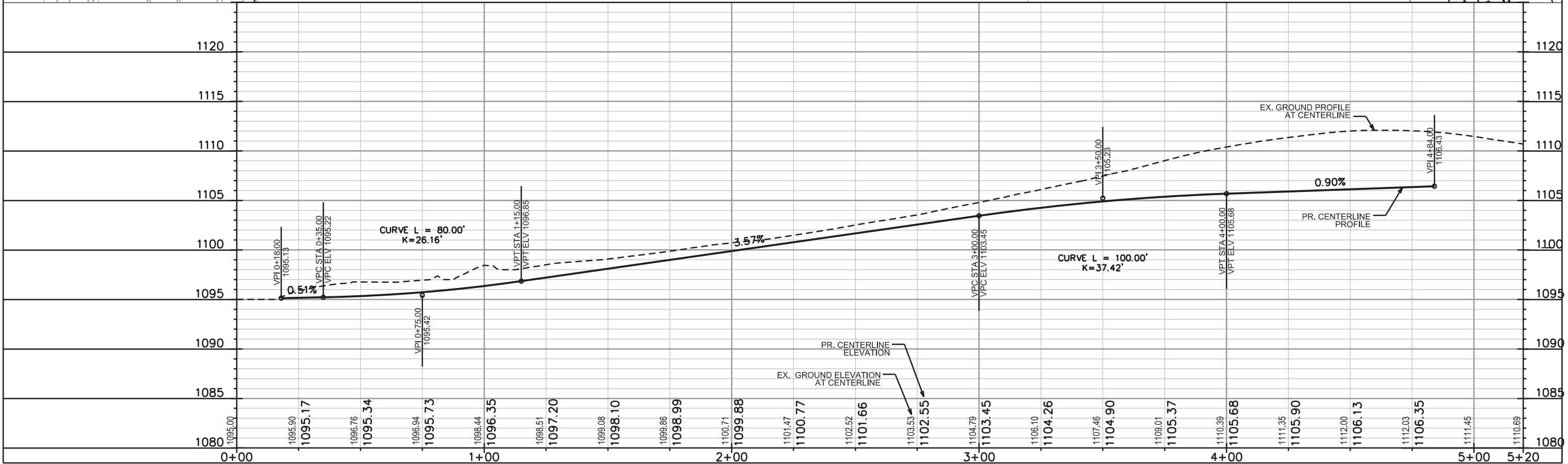
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	STREET CONSTRUCTION ENTRANCE BERM PER CITY OF MADISON S.D.D. 1.08
	SILT FENCE
	3' WIDE DITCH WITH CLASS I TYPE B MATTING
	CONSTRUCTION ENTRANCE (S.D.D. 1.07)



- NOTES:
1. LEGACY APARTMENT DEVELOPMENT TAKING PLACE ON LOTS 1-3.
 2. SEE "U" SHEETS FOR INLET & STORM SEWER DESIGN.
 3. BERMS AND TERRACE GRADING INCIDENTAL TO EXCAVATION CUT.

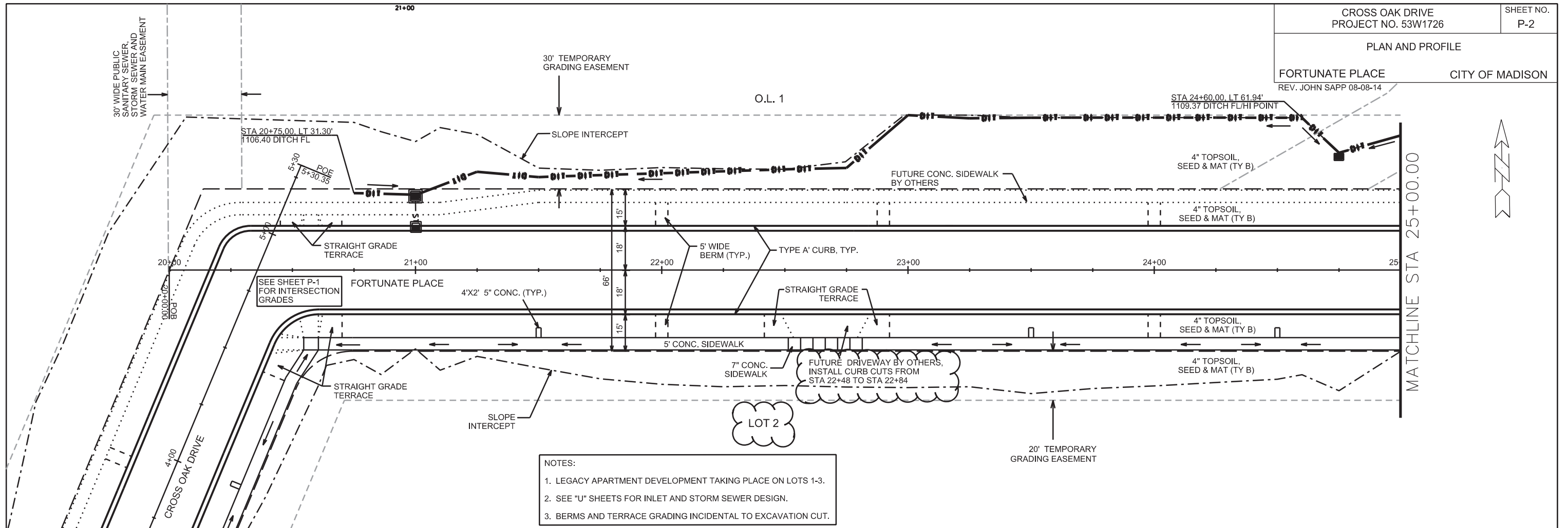


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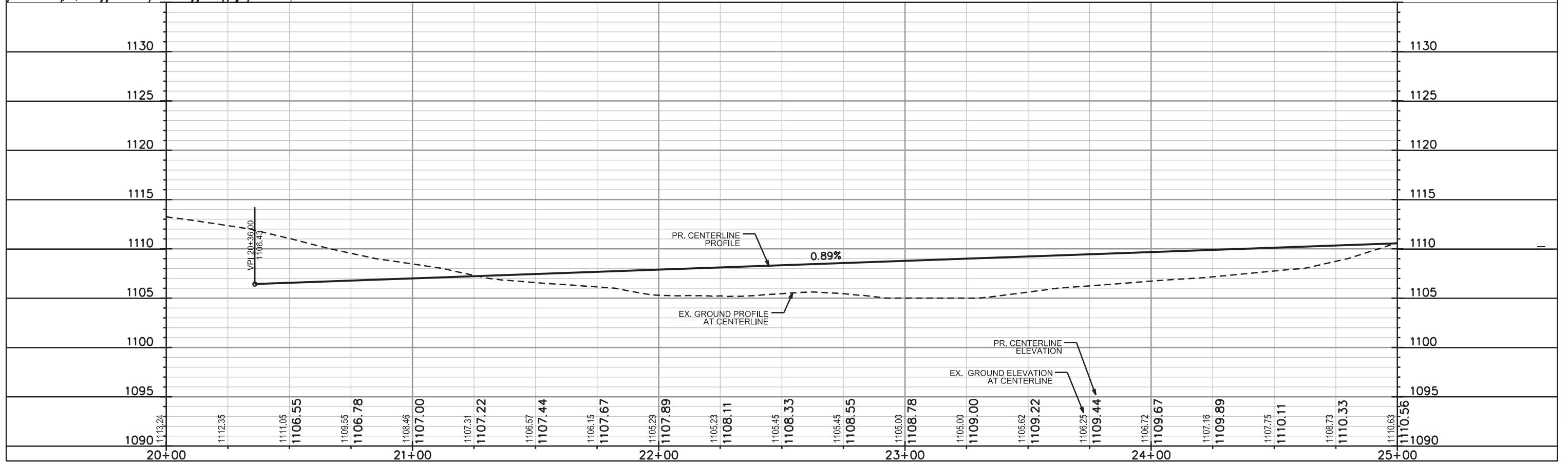
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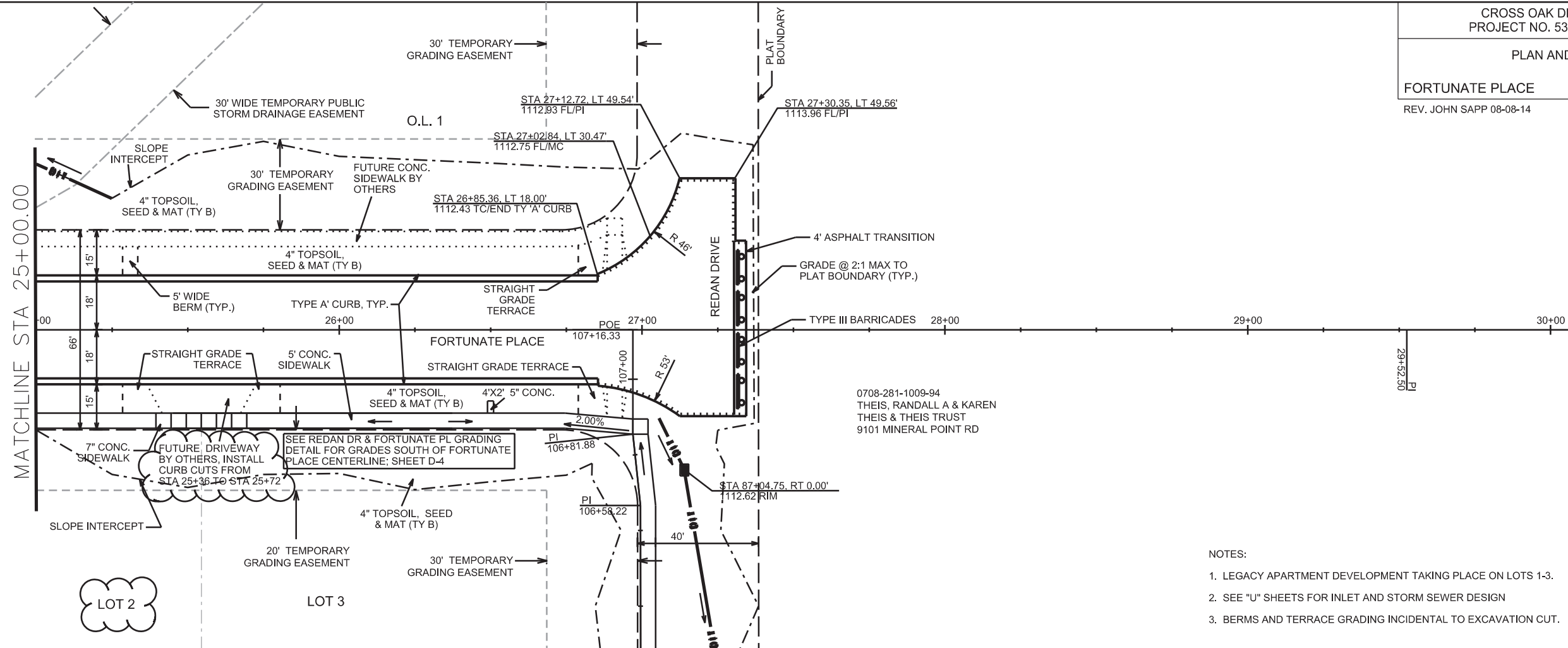
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PLAN AND PROFILE

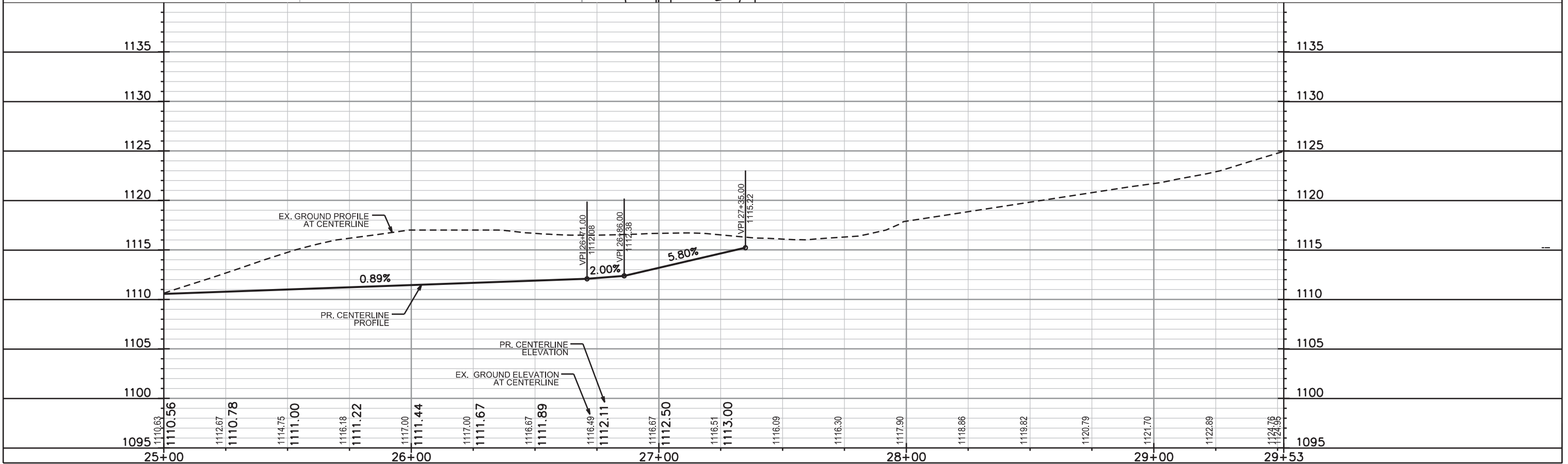
FORTUNATE PLACE CITY OF MADISON

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0708-281-1009-94
THEIS, RANDALL A & KAREN
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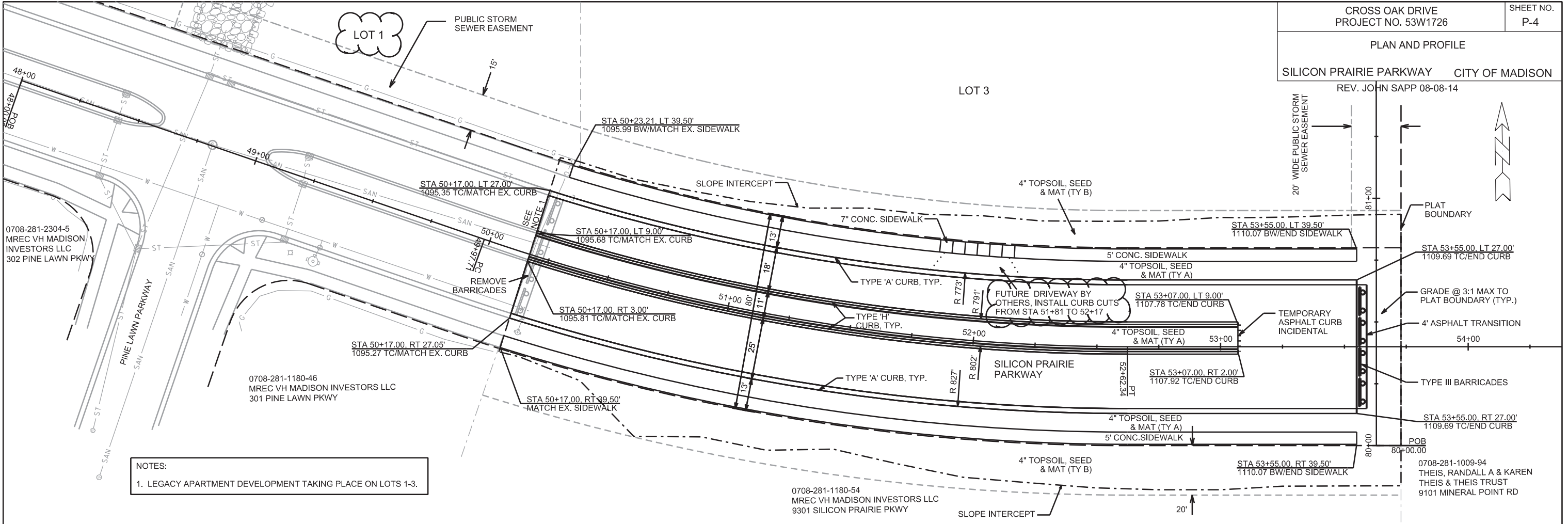
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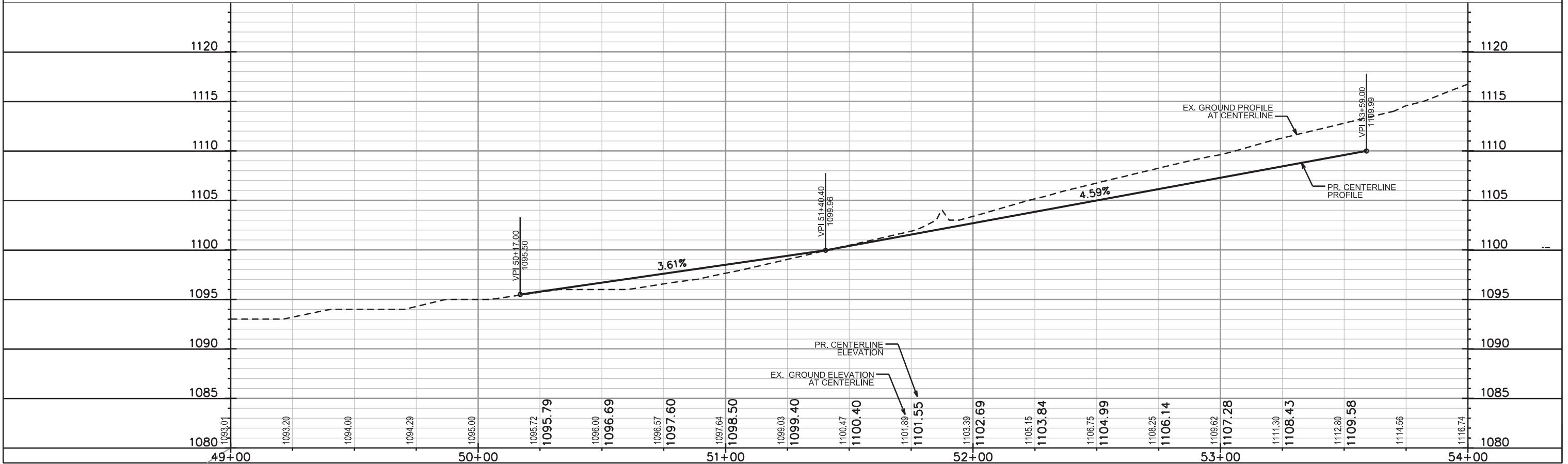
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PLAN AND PROFILE
SILICON PRAIRIE PARKWAY CITY OF MADISON

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1. LEGACY APARTMENT DEVELOPMENT TAKING PLACE ON LOTS 1-3.



PLOT SCALE: _____

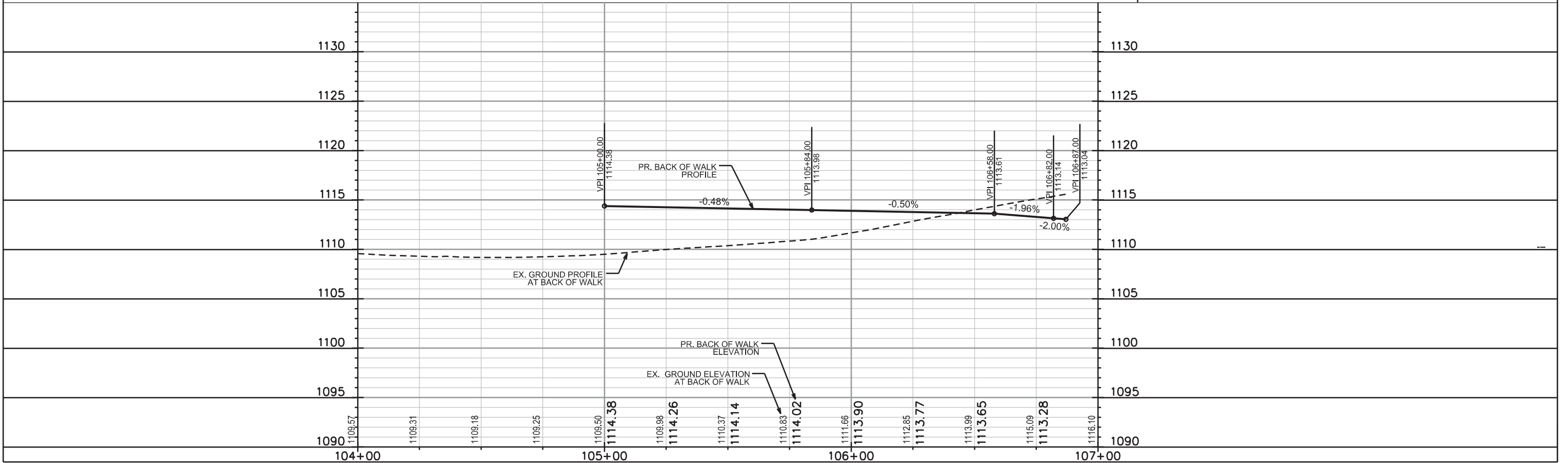
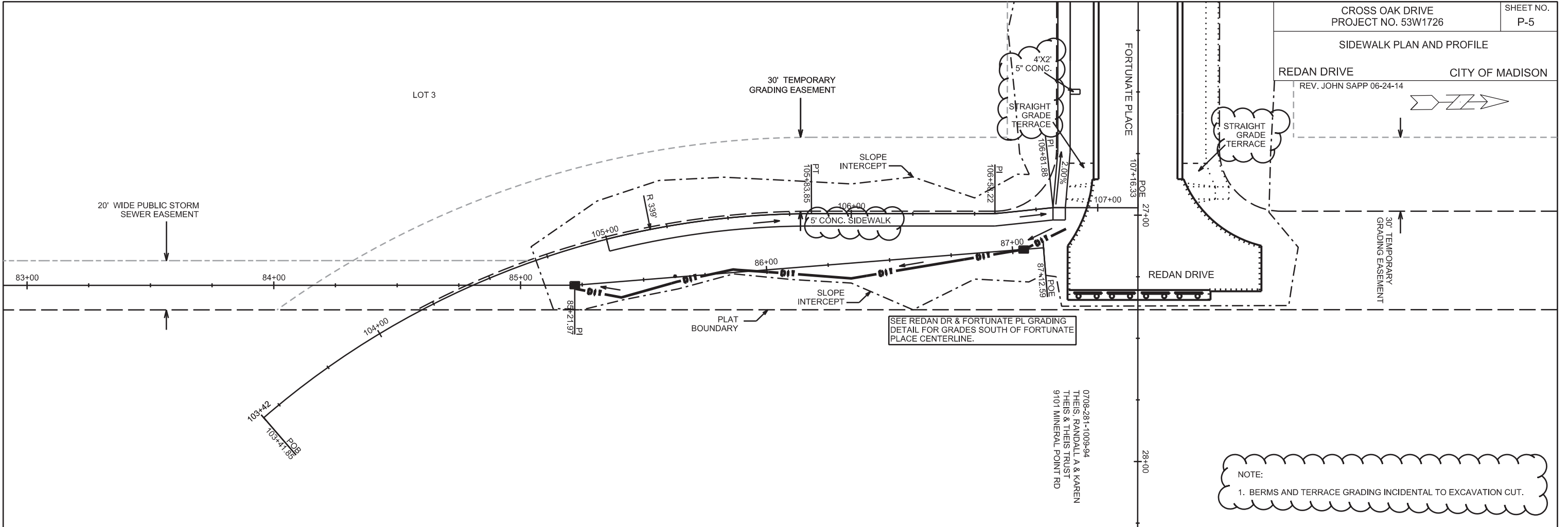
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SIDEWALK PLAN AND PROFILE

REDAN DRIVE CITY OF MADISON
REV. JOHN SAPP 06-24-14



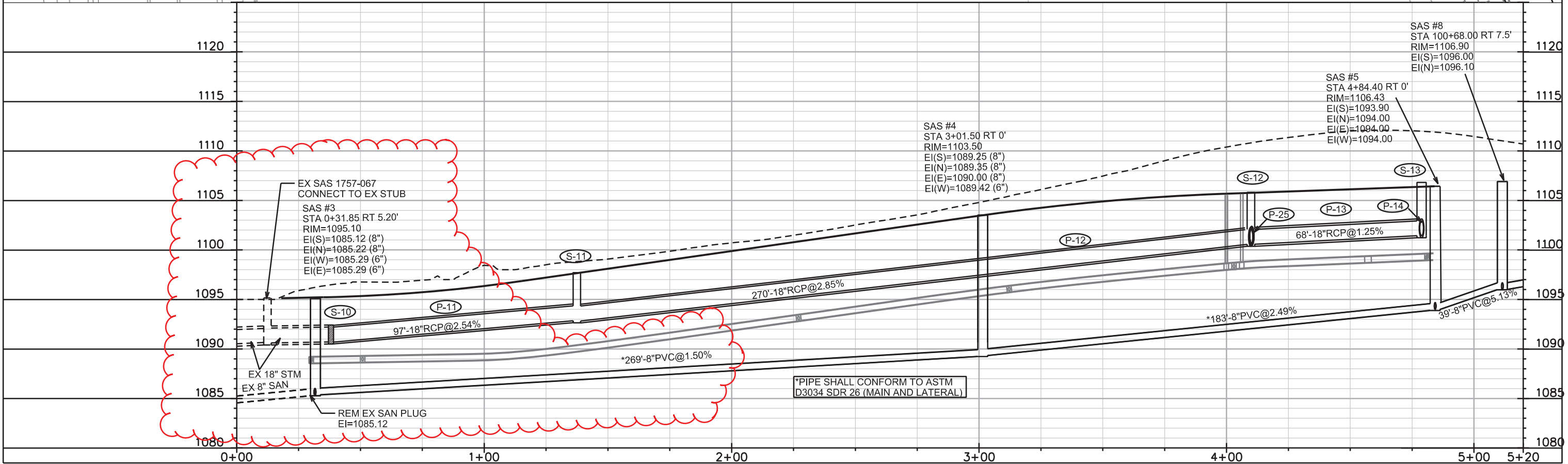
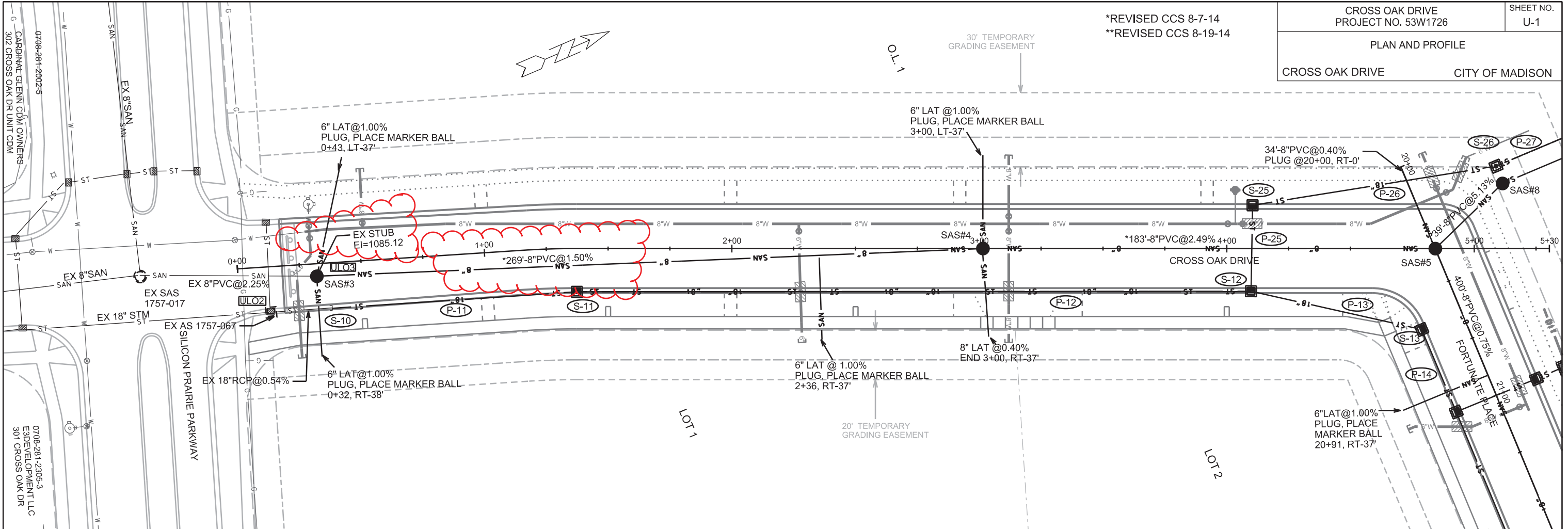
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

*REVISED CCS 8-7-14
 **REVISED CCS 8-19-14



PLOT SCALE: _____

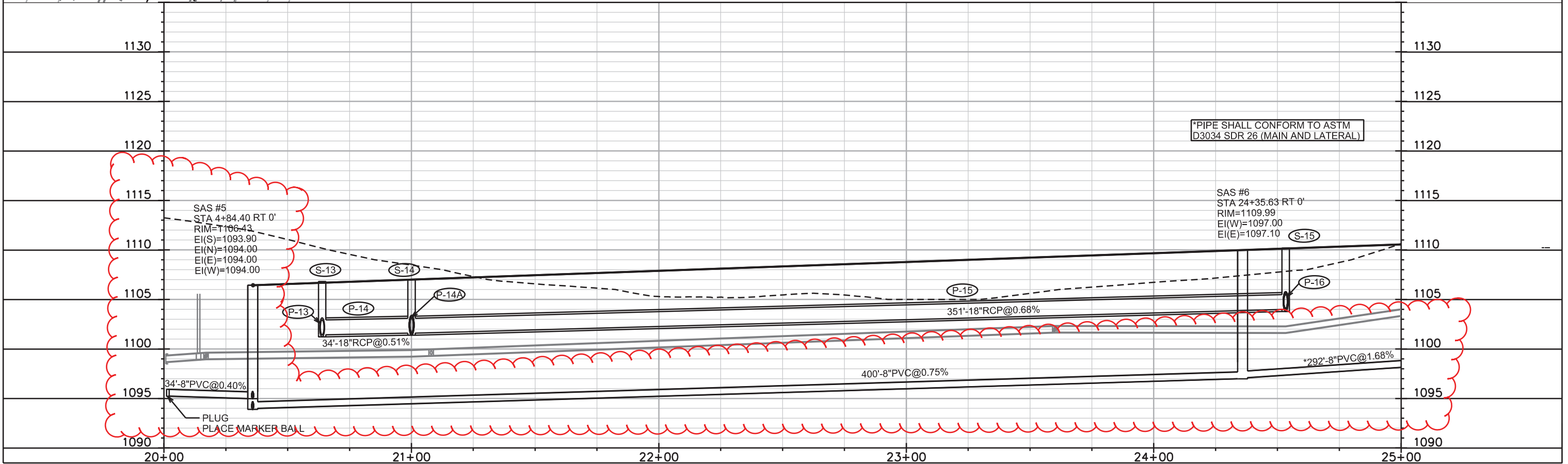
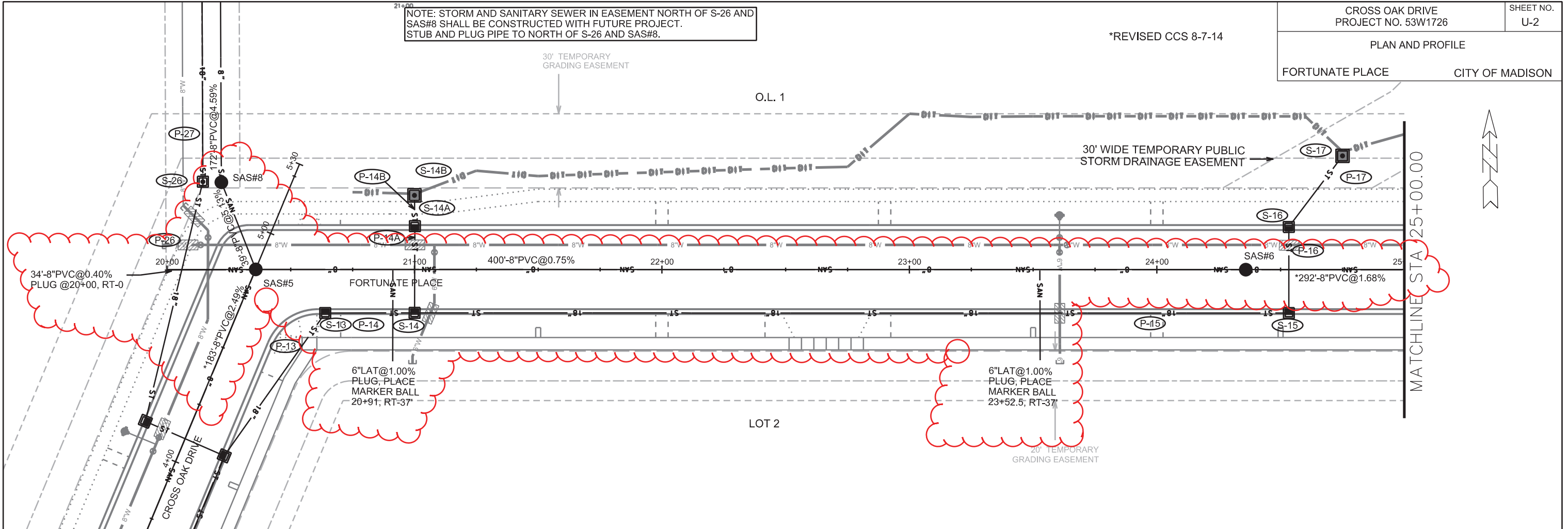
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

*REVISED CCS 8-7-14

NOTE: STORM AND SANITARY SEWER IN EASEMENT NORTH OF S-26 AND SAS#8 SHALL BE CONSTRUCTED WITH FUTURE PROJECT. STUB AND PLUG PIPE TO NORTH OF S-26 AND SAS#8.



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

*REVISED CCS 8-7-2014

CROSS OAK DRIVE
PROJECT NO. 53W1726

SHEET NO.
U-3

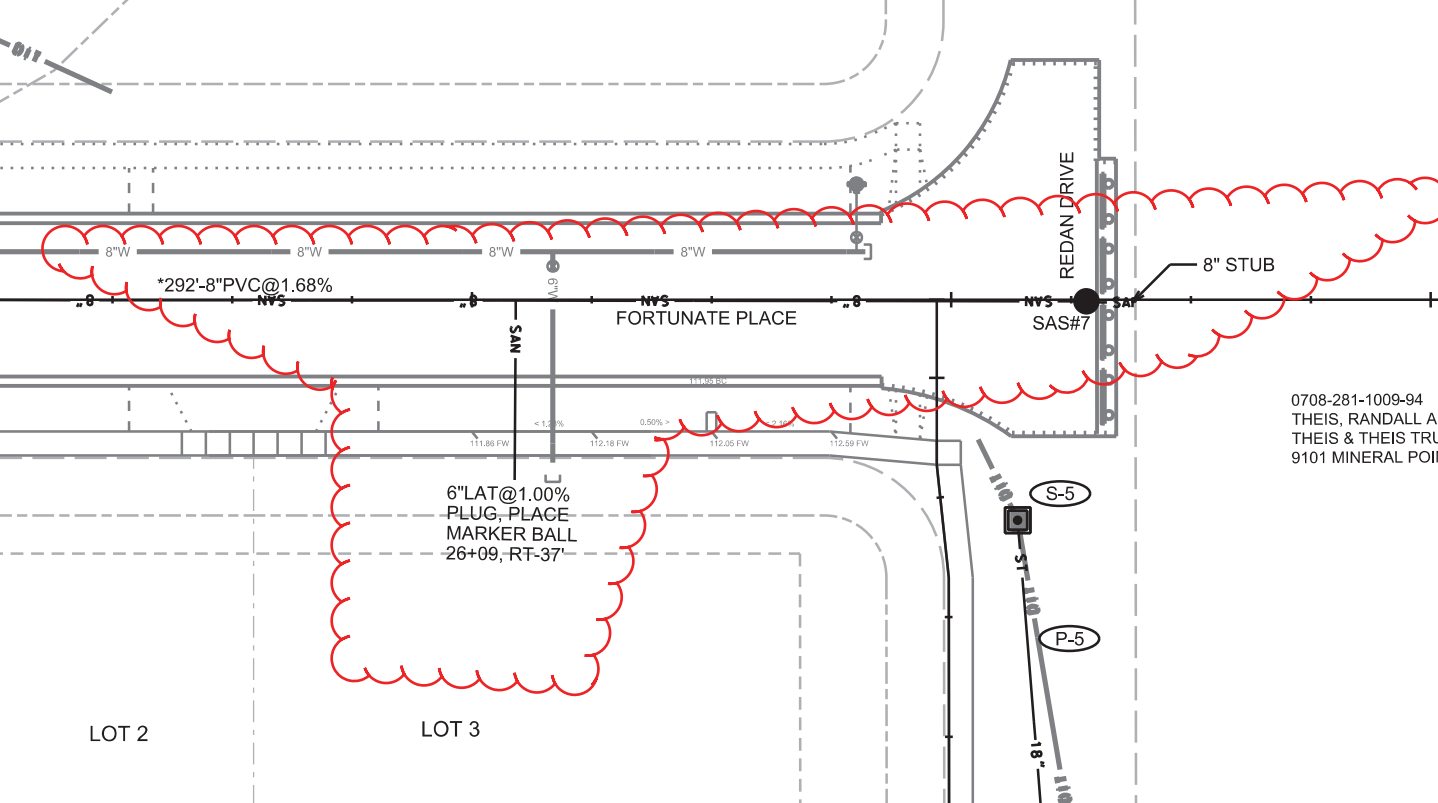
PLAN AND PROFILE

FORTUNATE PLACE

CITY OF MADISON



MATCHLINE STA 25+00.00



0708-281-1009-94
THEIS, RANDALL A & KAREN
THEIS & THEIS TRUST
9101 MINERAL POINT RD

6" LAT @ 1.00%
PLUG, PLACE
MARKER BALL
26+09, RT-37'

LOT 2

LOT 3

1135

1130

1125

1120

1115

1110

1105

1100

1095

1135

1130

1125

1120

1115

1110

1105

1100

1095

SAS #7
STA 27+28 RT 0'
RIM=1114.83
EI(W)=1102.00
EI(E)=1102.10- STUB

*PIPE SHALL CONFORM TO ASTM
D3034 SDR 26 (MAIN AND LATERAL)

*292'-8" PVC @ 1.68%

8" STUB

25+00

26+00

27+00

28+00

29+00

29+53

PLOT SCALE: _____

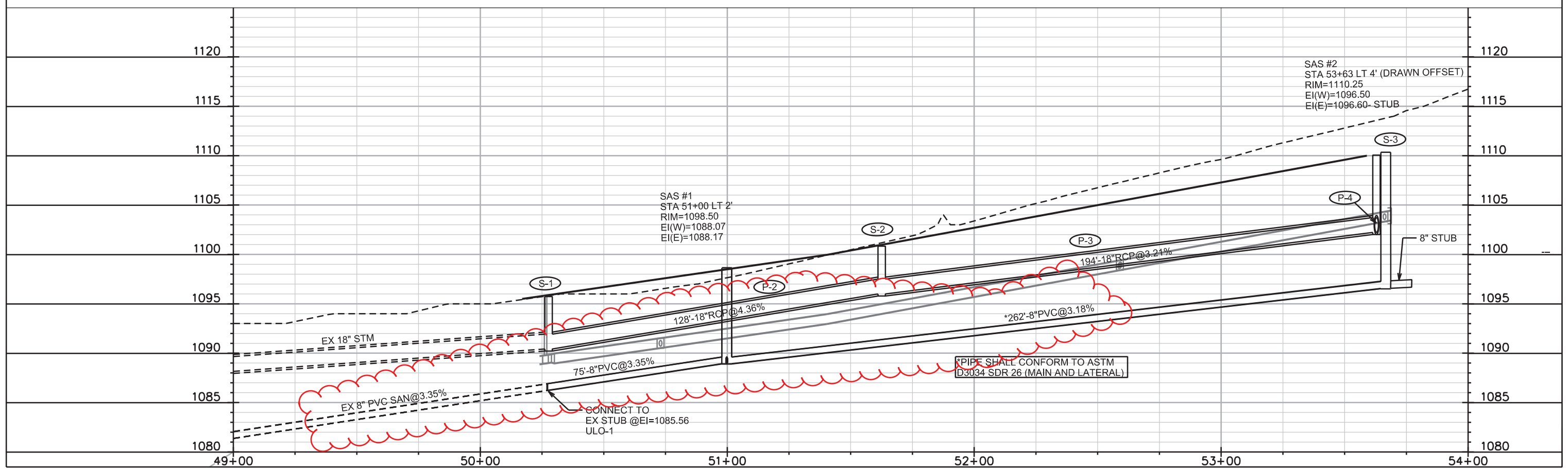
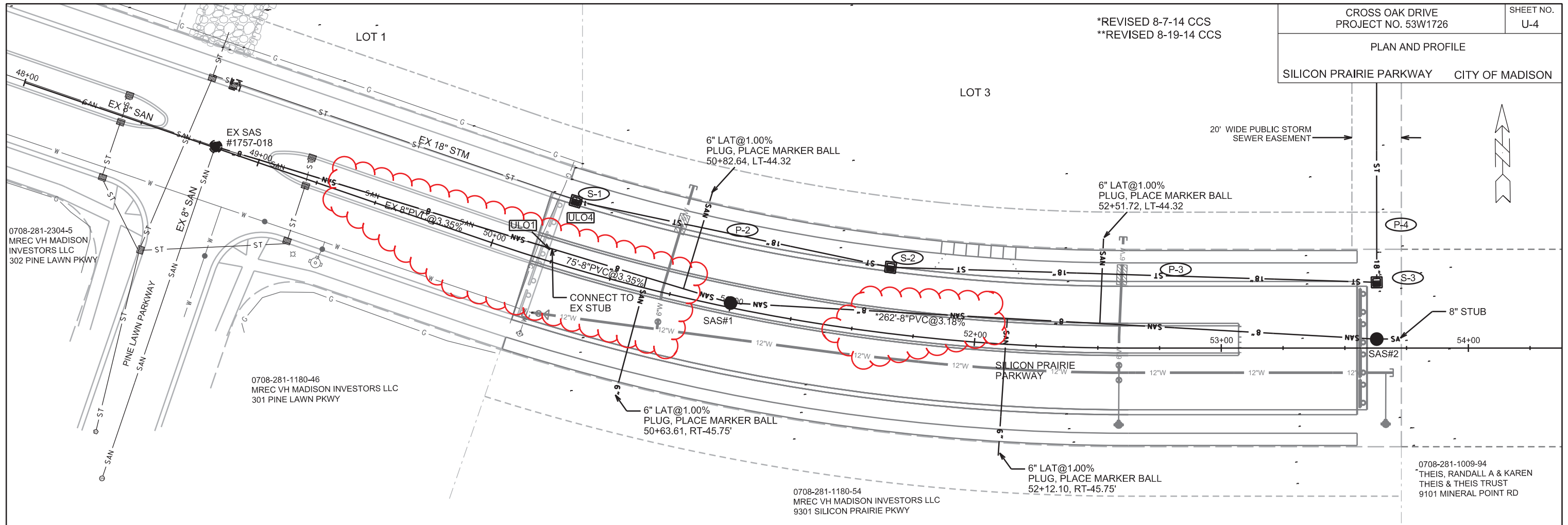
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
SILICON PRAIRIE PARKWAY CITY OF MADISON

*REVISED 8-7-14 CCS
**REVISED 8-19-14 CCS



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

*REVISED 8-7-2014 CCS

CROSS OAK DRIVE
PROJECT NO. 53W1726

SHEET NO.
U-5

UTILITY PLAN AND PROFILE

EASEMENT TO O.L.16

CITY OF MADISON



NOTE: STORM AND SANITARY SEWER IN EASEMENT NORTH OF S-26 AND SAS#8 SHALL BE CONSTRUCTED WITH FUTURE PROJECT. STUB AND PLUG PIPE TO NORTH OF S-26 AND SAS#8.

O.L. 1

CARDINAL GLENN
O.L. 16

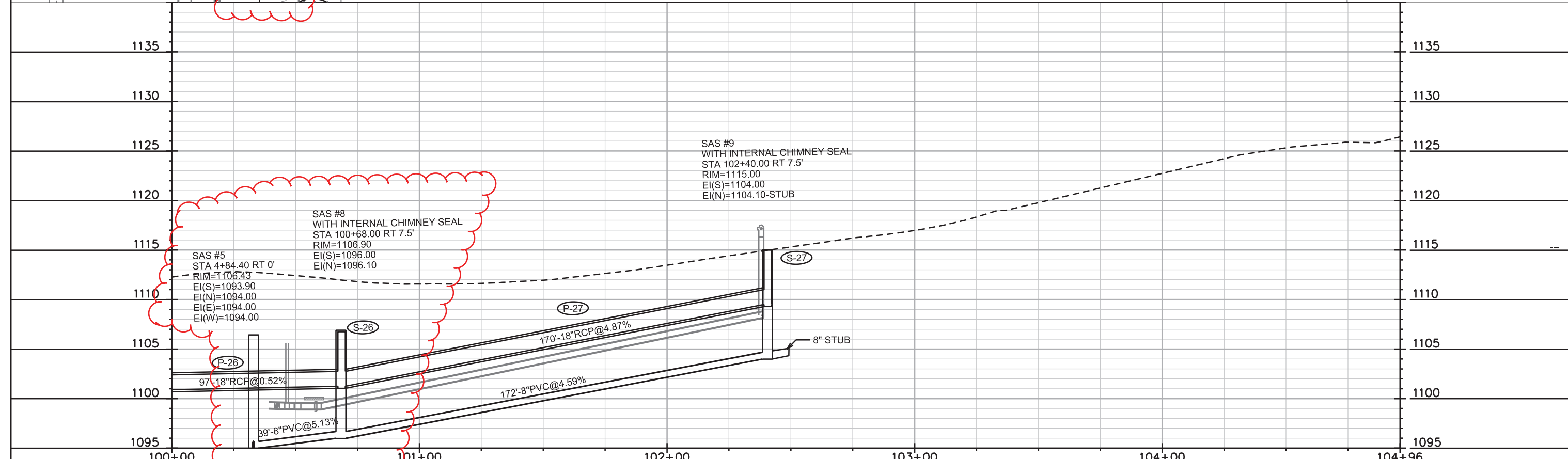
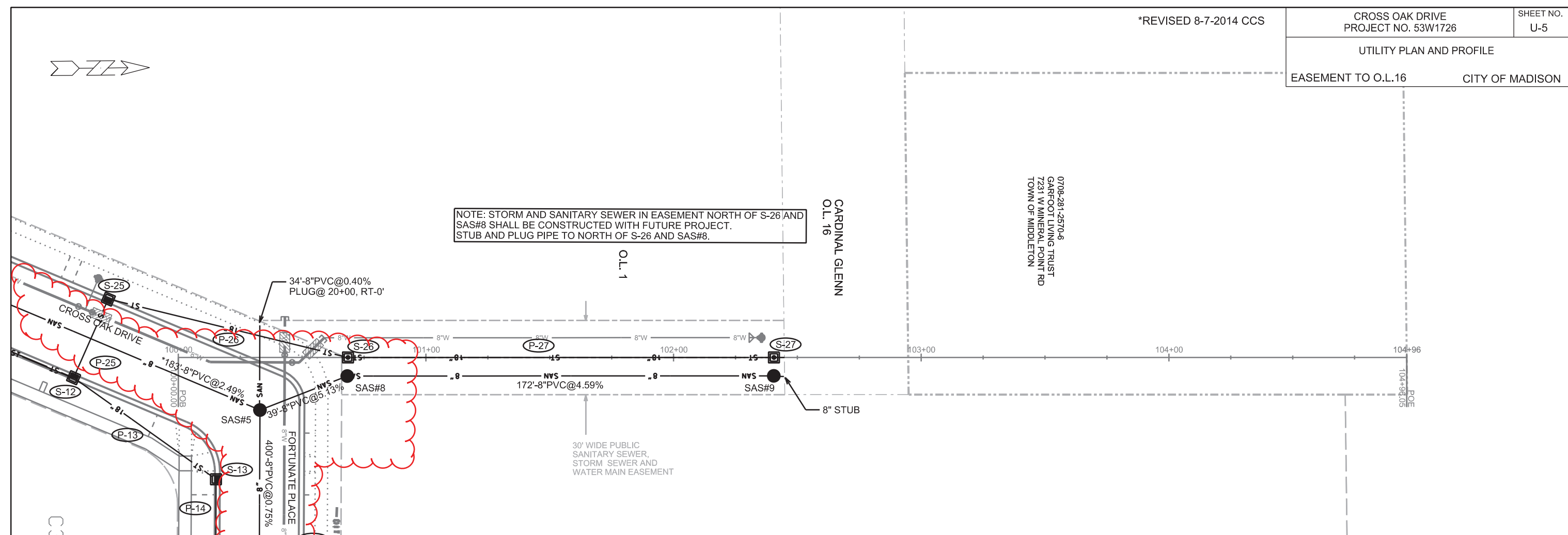
0708-281-2570-6
GARFOOT LIVING TRUST
7231 W MINERAL POINT RD
TOWN OF MIDDLETON

PLOT SCALE: _____

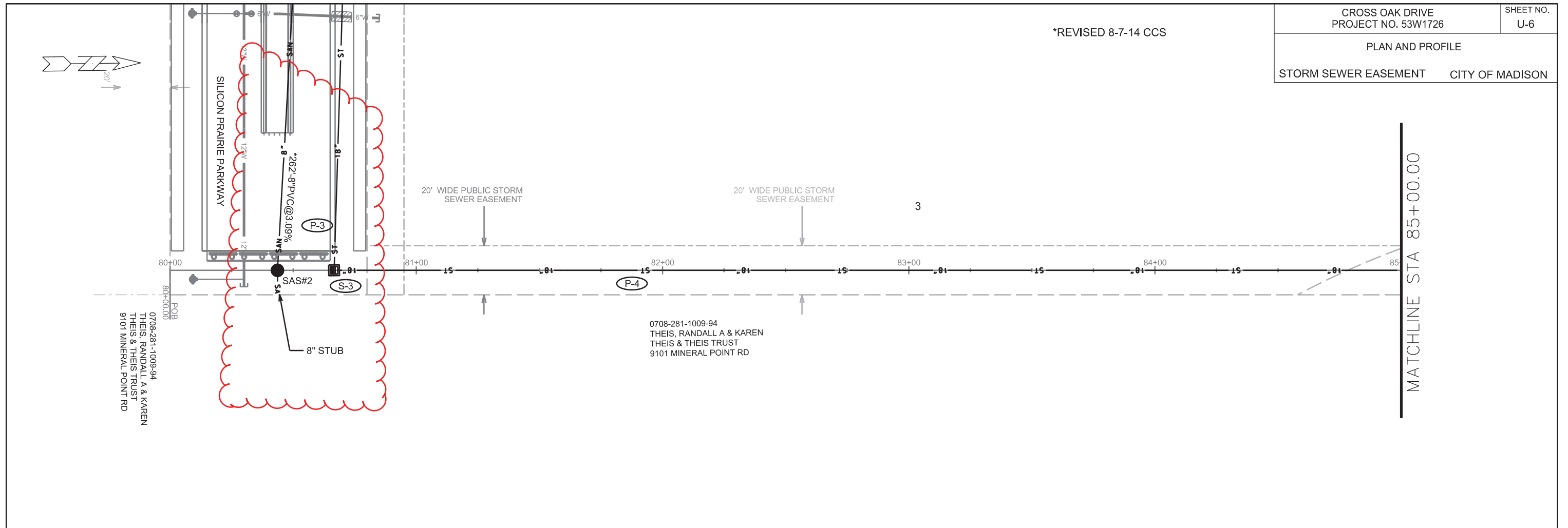
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



*REVISED 8-7-14 CCS

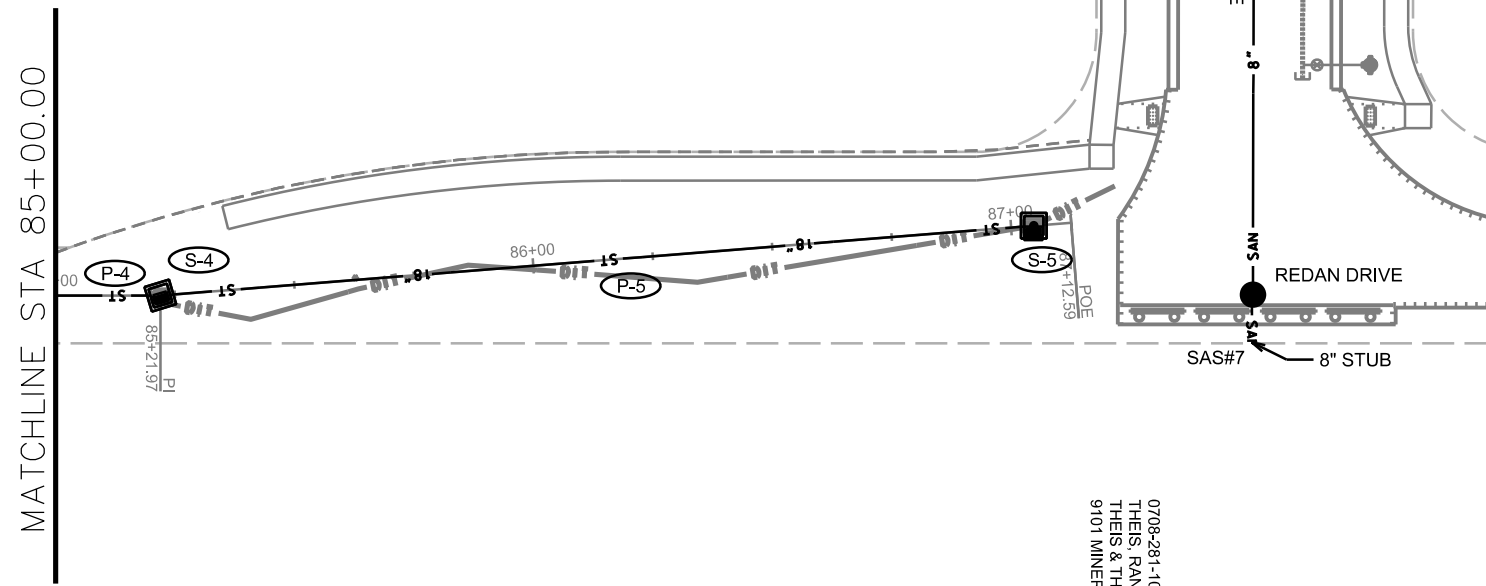
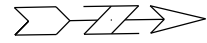


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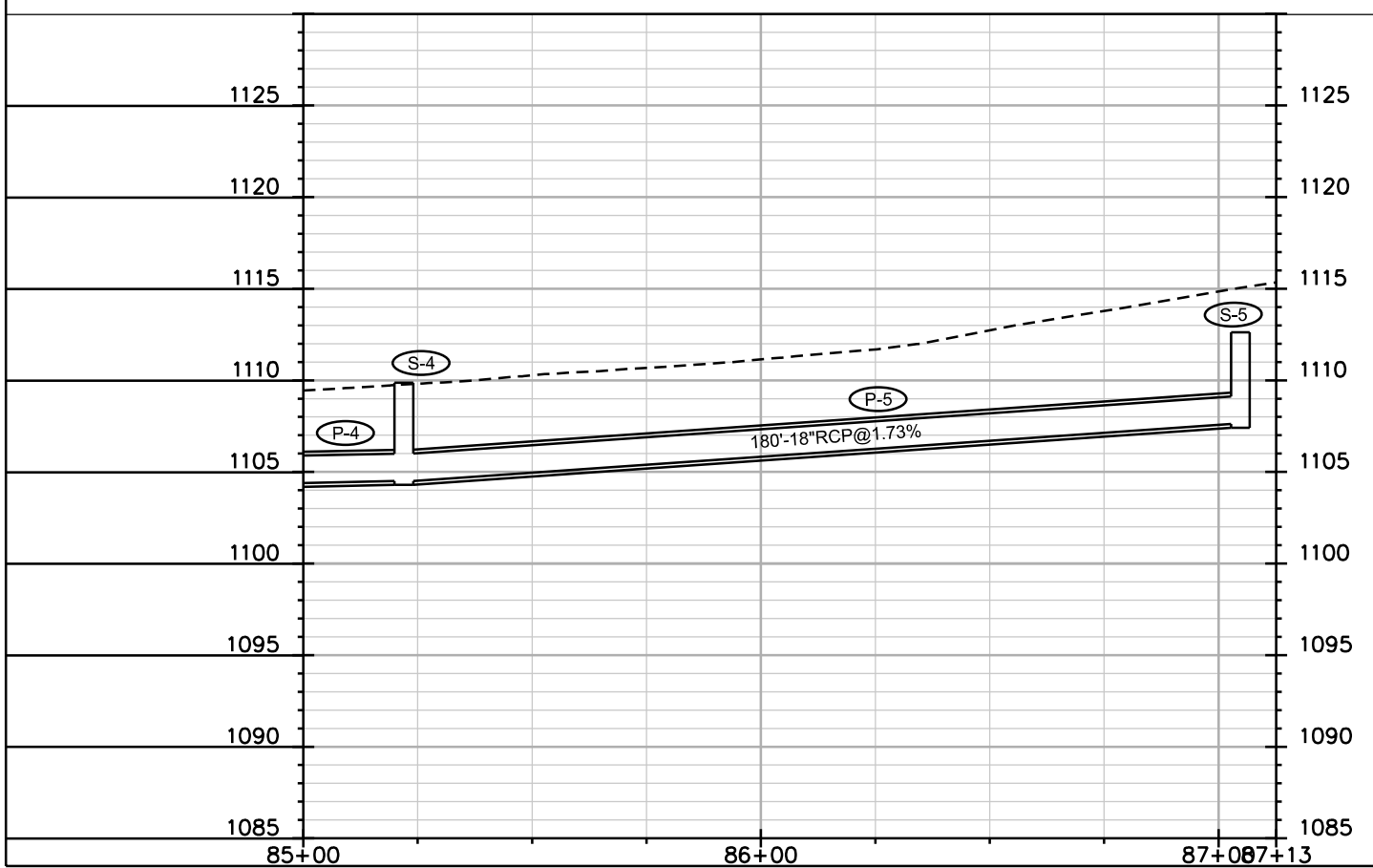
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0708-281-1009-94
THEIS, RANDALL A & KAREN
THEIS & THEIS TRUST
9101 MINERAL POINT RD



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SEWER SCHEDULE

* REVISED CCS 8.7.2014
 ** REVISED 8-19-14 CCS

CROSS OAK DR PROJECT NO. 53W1726	SHEET NO. U-8
SANITARY SEWER SCHEDULE CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SILICON PRAIRIE PKWY						
** SAS #1	51+00.00	LT-2.00	1098.50	1088.16	10.34	
* SAS #2	53+63.00	LT-4.00	1110.25	1096.50	13.75	
CROSS OAK DR						
** SAS #3	0+31.85	RT-5.20	1095.10	1085.12	9.98	
* SAS #4	3+01.50	RT-0	1103.50	1089.25	14.25	
* SAS #5	4+84.40	RT-0	1106.43	1093.90	12.53	
* SAS #6	24+35.63	RT-0	1109.99	1097.00	12.99	
* SAS #7	27+28.00	RT-0	1114.83	1102.00	12.83	
SEWER EASEMENT						
SAS #8	100+68.00	RT-7.50	1106.90	1096.00	10.90	WITH INTERNAL CHIMNEY SEAL
SAS #9	102+40.00	RT-7.50	1115.00	1104.00	11.00	WITH INTERNAL CHIMNEY SEAL

PROPOSED SANITARY PIPES

FROM SAS (DNSTM)	TO SAS (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	SIZE (DIA)	TYPE	NOTES
** STUB	SAS #1	75	1085.65	1088.16	3.35%	8"	PVC SDR 35	
* SAS #1	SAS #2	262	1088.26	1096.50	3.15%	8"	PVC SDR 26	
** SAS #3	SAS #4	269	1085.22	1089.25	1.50%	8"	PVC SDR 26	
* SAS #4	SAS #5	183	1089.35	1093.90	2.49%	8"	PVC SDR 26	
* SAS #5	SAS #6	400	1094.00	1097.00	0.75%	8"	PVC SDR 35	
* SAS #6	SAS #7	292	1097.10	1102.00	1.68%	8"	PVC SDR 26	
* SAS #5	SAS #8	39	1094.00	1096.00	5.13%	8"	PVC SDR 35	
SAS #8	SAS #9	172	1096.10	1104.00	4.59%	8"	PVC SDR 35	TO BE BUILT WITH FUTURE PROJECT

PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

ORIGINATOR: CITY OF MADISON STREETS DIVISION

STORM SEWER SCHEDULE

CROSS OAK DR
PROJECT NO. 53W1726
SHEET NO. U-9
STORM SEWER SCHEDULE
CITY OF MADISON

PROPOSED STORM STRUCTURES

PROPOSED STORM PIPES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES	PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES	
SILICON PRAIRIE PKWY								**	P-2	S-1	S-2	1090.44	1096.00	131	128	4.36%	18"	RCP	
** S-1	50+27.50	LT-26.50	3X3 SAS	1095.77	1090.44	5.33	W/3067-7004-V		P-3	S-2	S-3	1096.00	1102.23	197	194	3.21%	18"	RCP	
S-2	51+62.40	LT-26.50	3X3 SAS	1100.85	1096.00	4.85	W/3067-7004-V		P-4	S-3	S-4	1102.23	1104.50	456	453	0.50%	18"	RCP	
S-3	53+62.90	LT-26.50	3X3 SAS	1110.05	1102.23	7.82	W/1878-B7L		P-5	S-4	S-5	1104.50	1107.62	183	180	1.73%	18"	RCP	
REDAN DR SIDEWALK									**	P-11	S-10	S-11	1090.44	1092.90	100	97	2.54%	18"	RCP
S-4	104+82.14	RT-14.51	4X4 SAS	1109.87	1104.50	5.37	W/R-4349-D	P-12		S-11	S-12	1092.90	1100.58	273	270	2.85%	18"	RCP	NCM
S-5	106+68.30	RT-17.14	4X4 SAS	1112.62	1107.62	5.00	W/R-4349-D	P-13		S-12	S-13	1100.58	1101.43	71	68	1.25%	18"	RCP	
CROSS OAK DRIVE								**	P-14	S-13	S-14	1101.43	1101.60	37	34	0.51%	18"	RCP	
S-10	0+37.25	RT-18.50	CONC COLLAR	---	1090.44	---	CONNECT AT PIPE JOINT		P-14A	S-14	S-14A	1101.60	1101.76	35	32	0.50%	18"	RCP	
S-11	1+37.52	RT-17.50	3X3 SAS	1097.70	1092.90	4.80	W/3067-7004-V		P-14B	S-14A	S-14B	1101.76	1101.82	14	11	0.57%	18"	RCP	
S-12	4+09.50	RT-17.50	3X3 SAS	1105.81	1100.58	5.23	W/3067-7004-V		P-15	S-14	S-15	1101.60	1103.99	354	351	0.68%	18"	RCP	
S-25	4+09.50	LT-17.50	3X3 SAS	1105.81	1100.75	5.06	W/3067-7004-V		P-16	S-15	S-16	1103.99	1104.16	35	34	0.51%	18"	RCP	
FORTUNATE PLACE								P-17	P-17	S-16	S-17	1104.16	1104.35	37	36	0.54%	18"	RCP	
S-13	20+64.00	RT-17.50	3X3 SAS	1106.81	1101.43	5.38	W/3067-7004-V		P-25	S-12	S-25	1100.58	1100.75	35	32	0.53%	18"	RCP	
S-14	21+00.00	RT-17.50	3X3 SAS	1107.02	1101.60	5.42	W/3067-7004-V		P-26	S-25	S-26	1100.75	1101.25	100	97	0.52%	18"	RCP	
S-14A	21+00.00	LT-17.50	3X3 SAS	1107.02	1101.76	5.26	W/3067-7004-V		P-27	S-26	S-27	1101.25	1109.50	173	170	4.87%	18"	RCP	(3)
S-14B	21+00.00	LT-30.00	4X4 SAS	1106.32	1101.82	4.50	W/R-4349-D												
S-15	24+53.00	RT-17.50	3X3 SAS	1110.19	1103.99	6.20	W/3067-7004-V												
S-16	24+53.00	LT-17.50	3X3 SAS	1110.19	1104.16	6.03	W/3067-7004-V												
S-17	24+60.00	LT-61.94	4X4 SAS	1108.85	1104.35	4.50	W/R-4349-D												
EASEMENT																			
S-26	100+68.00	RT-0'	3X3 SAS	1106.75	1101.25	5.50	W/R-1550-0054												
S-27	102+41.00	RT-0'	3X3 SAS	1115.00	1109.50	5.50	W/R-1550-0054; (2); (3)												

STORM AND SANITARY SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	ELEV TOP
** ULO-1	50+25.00	LT-5.50	EX SAN STUB	1086.27
** ULO-2	0+12.50	LT-18.50	EX STORM STUB	1092.15
** ULO-3	0+31.85	RT-5.20	EX SAN STUB	1085.83
** ULO-4	50+27.50	LT-26.50	EX STORM STUB	1092.15

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

SPECIFIC NOTES

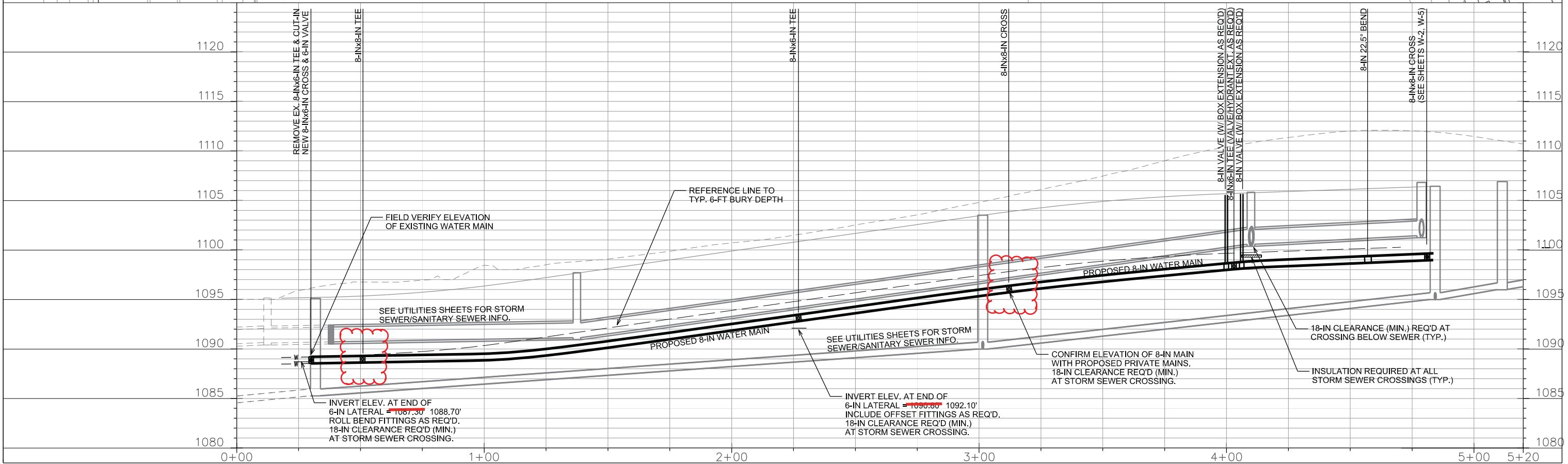
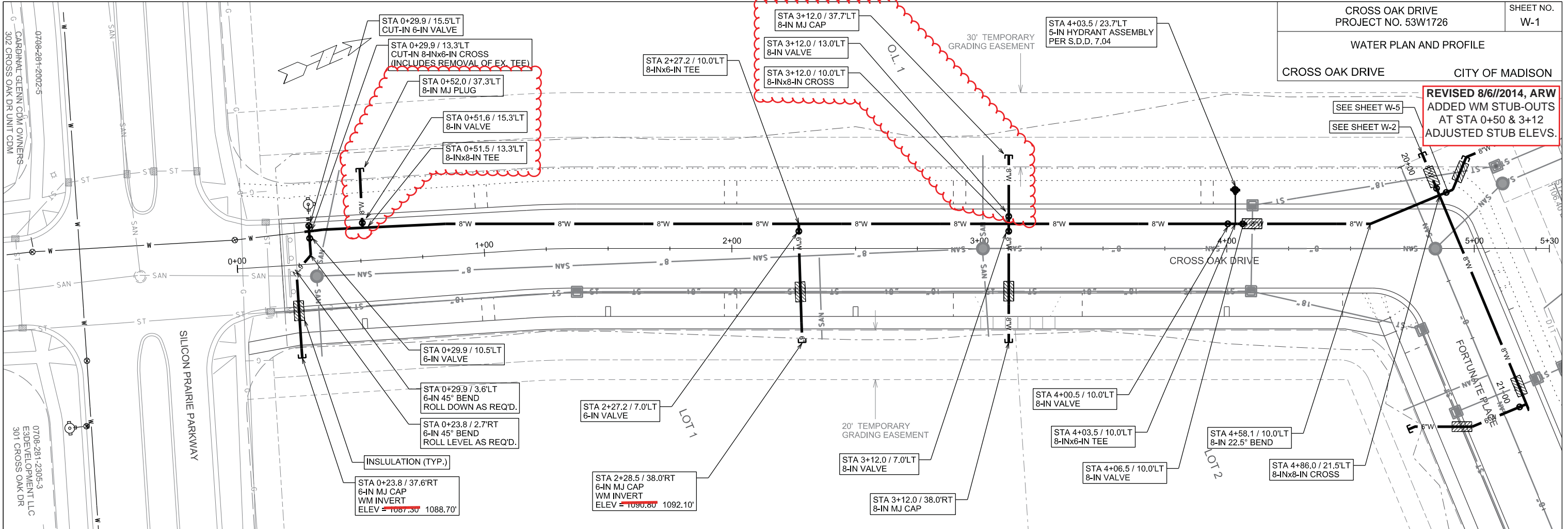
- (1) WITH KNOCKOUT TO EAST FOR FUTURE 15" PIPE. EI=1104.75
- (2) WITH KNOCKOUT TO NORTH FOR FUTURE 15" PIPE. EI=1109.75
- (3) TO BE BUILT WITH FUTURE PROJECT

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 COREY STELLJES OF CITY ENGINEERING AT (608) 266-9721 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO CSTELLJES@CITYOFMADISON.COM.

WATER PLAN AND PROFILE
CROSS OAK DRIVE CITY OF MADISON

REVISED 8/6//2014, ARW
ADDED WM STUB-OUTS
AT STA 0+50 & 3+12
ADJUSTED STUB ELEV.



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

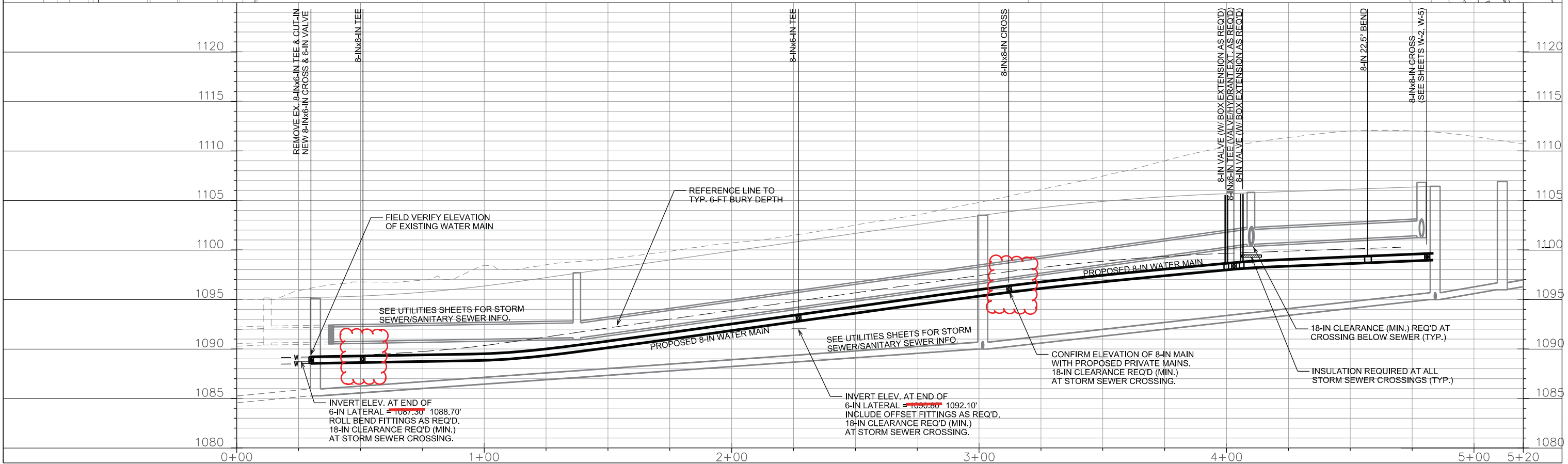
0708-281-2002-5
CARDINAL GLENN CO. OWNERS
302 CROSS OAK DR UNIT CDM

0708-281-2305-3
E3 DEVELOPMENT LLC
301 CROSS OAK DR

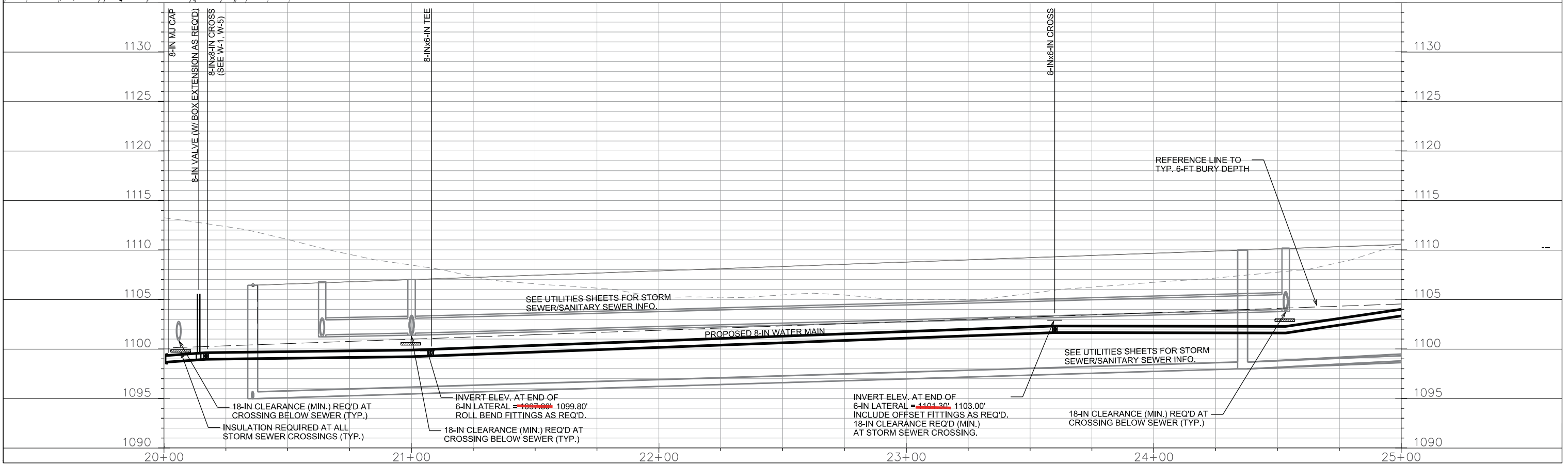
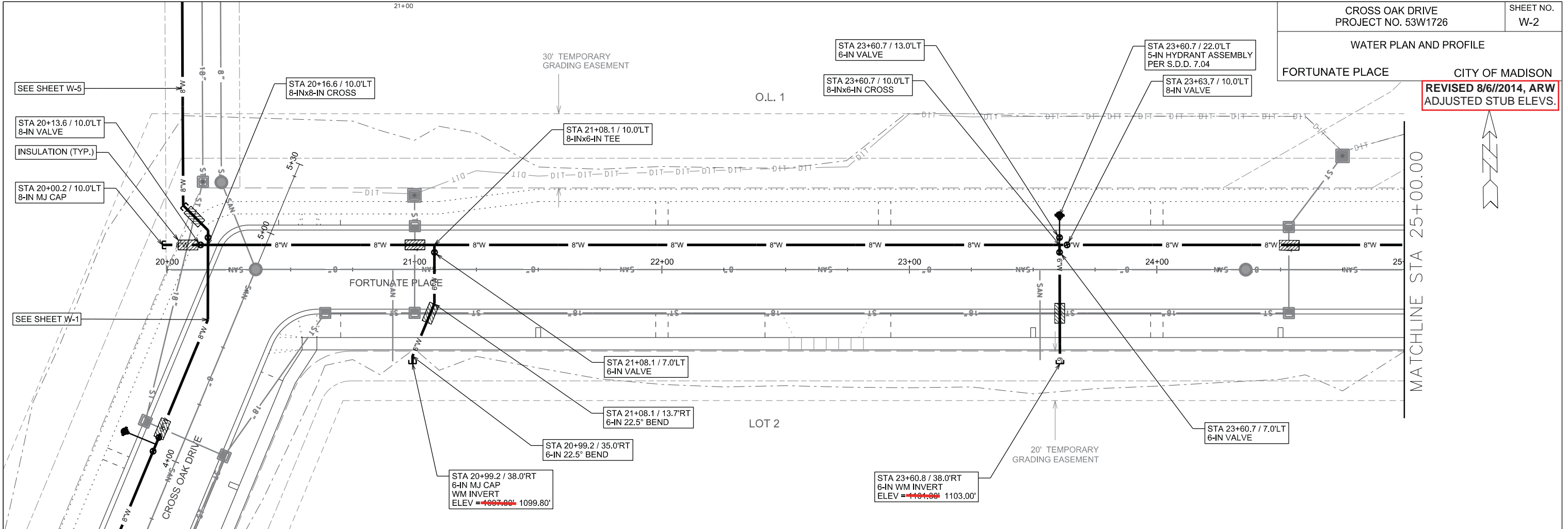
SILICON PRAIRIE PARKWAY

CROSS OAK DRIVE

FORTUNATE PLACE



REVISED 8/6//2014, ARW
ADJUSTED STUB ELEV.

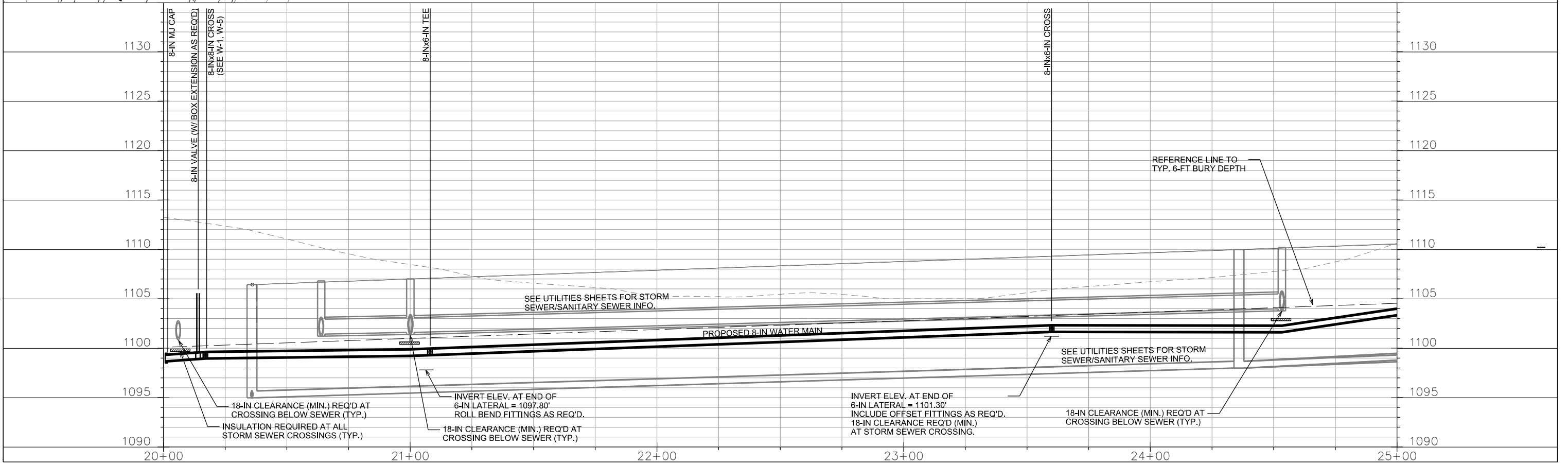
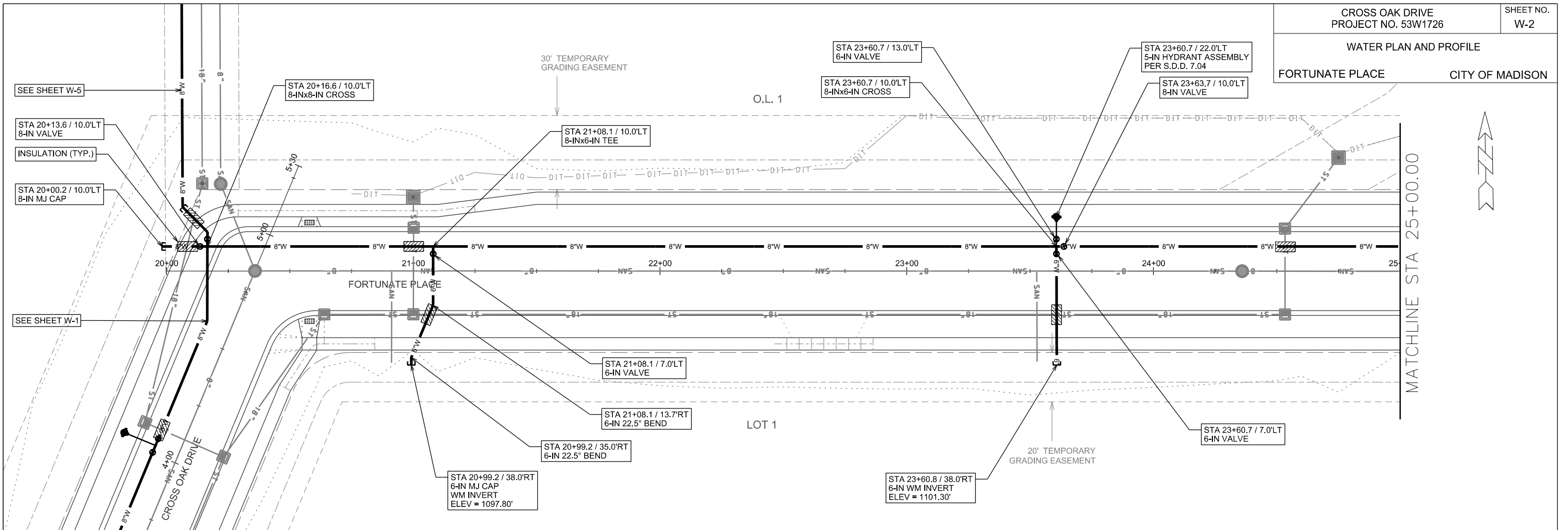


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



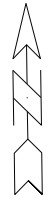
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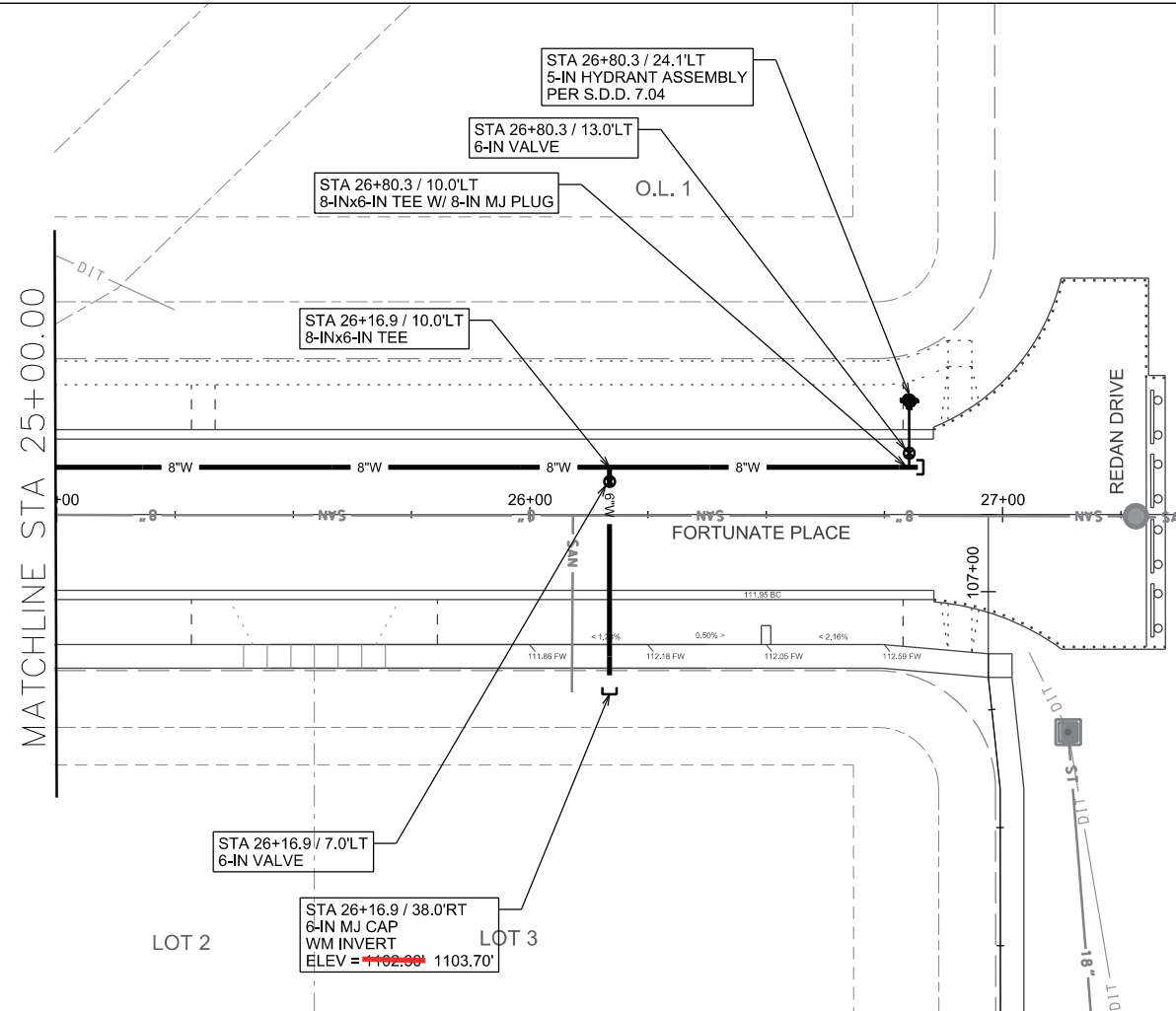
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

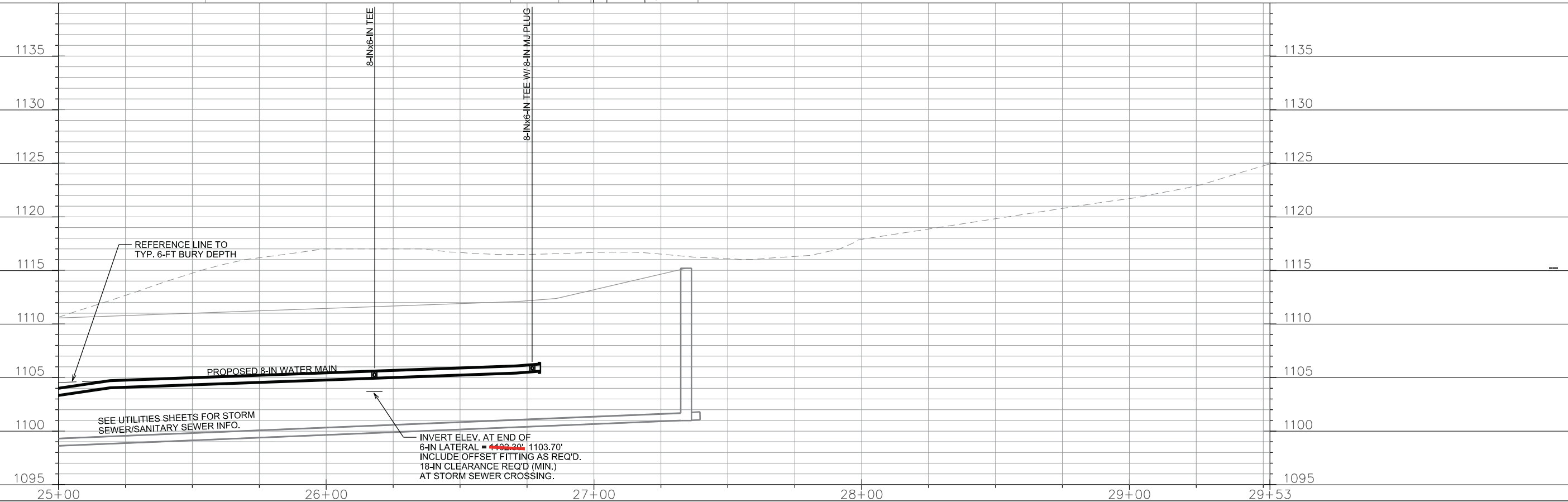
REVISED 8/6/2014, ARW
ADJUSTED STUB ELEV.



MATCHLINE STA 25+00.00



0708-281-1009-94
THEIS, RANDALL A & KAREN
THEIS & THEIS TRUST
9101 MINERAL POINT RD



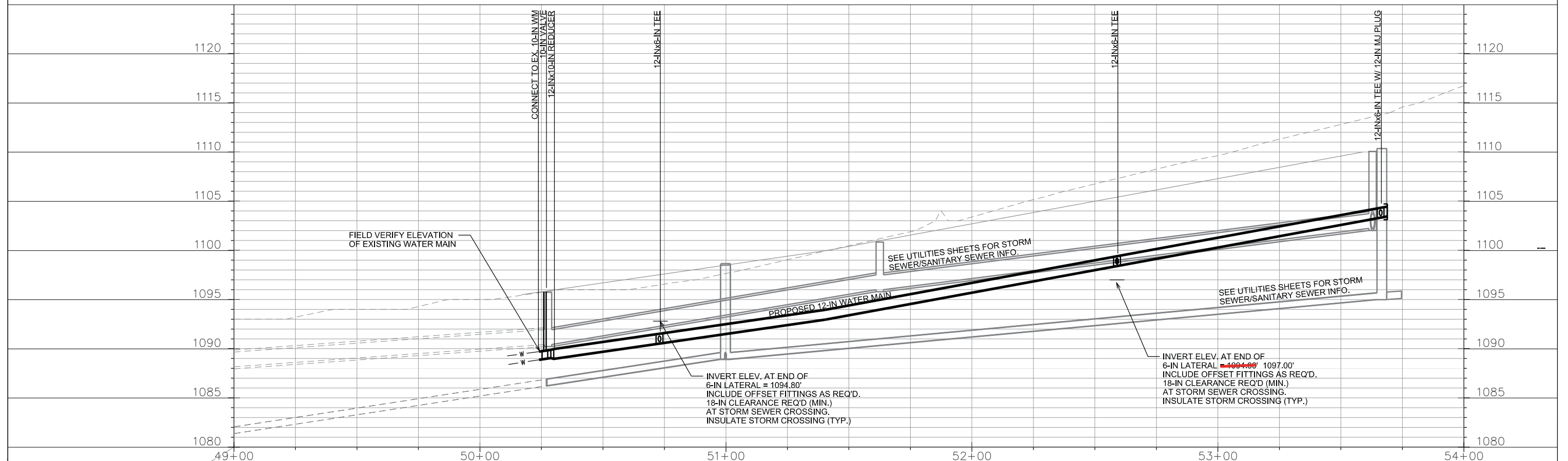
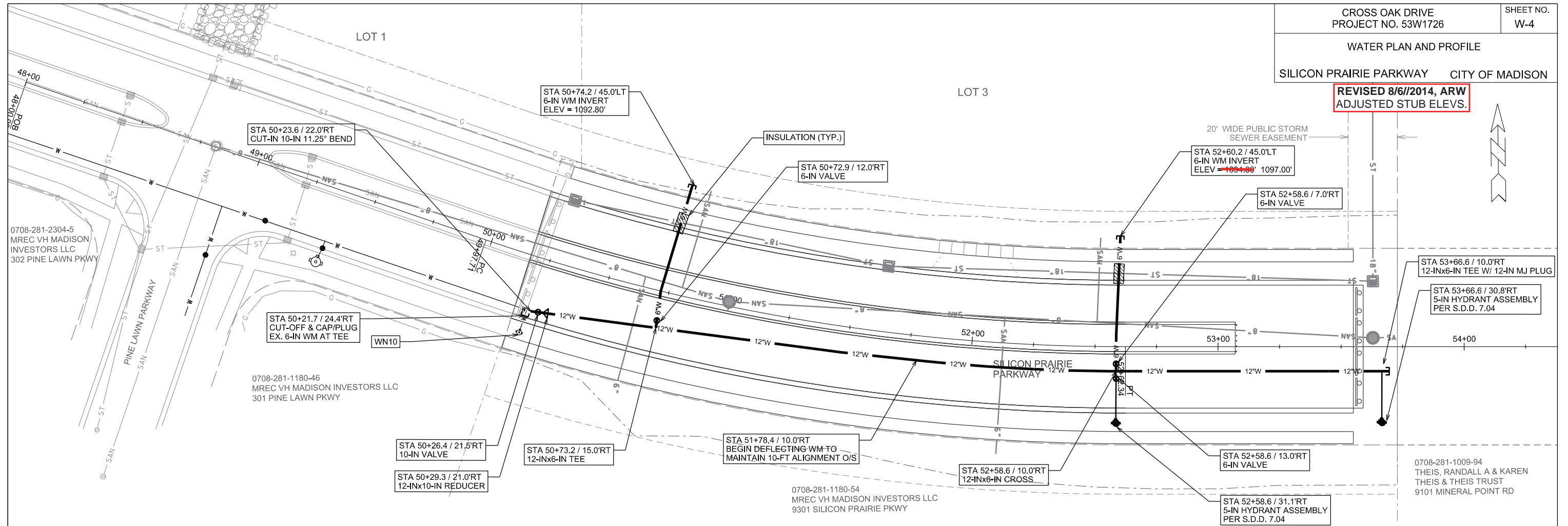
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 8/6/2014, ARW
ADJUSTED STUB ELEV.

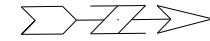


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

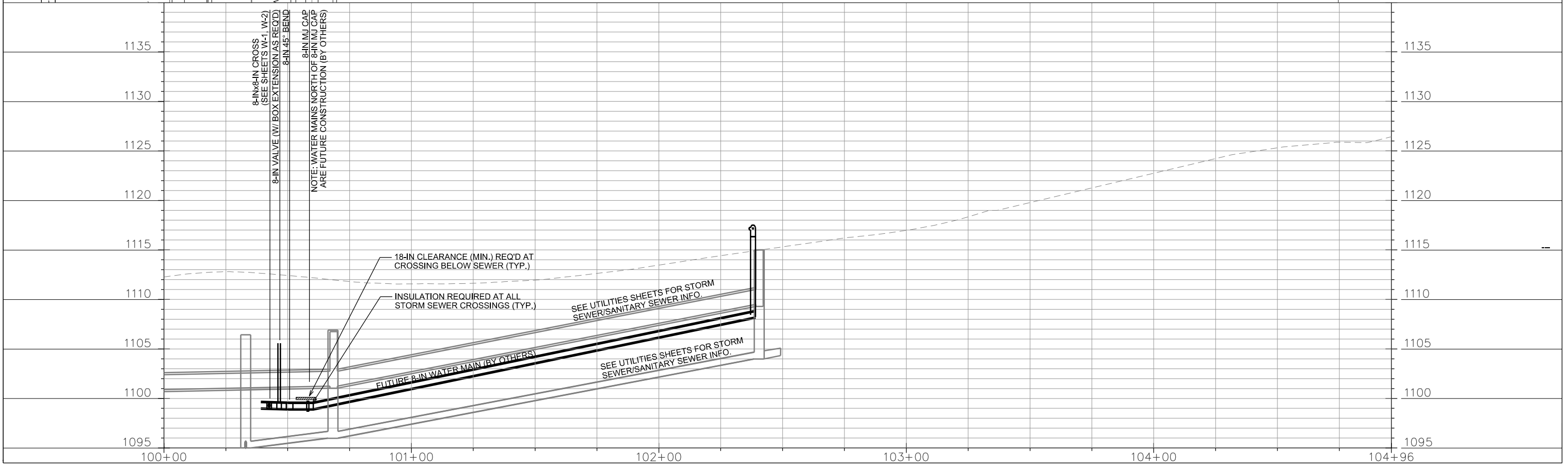
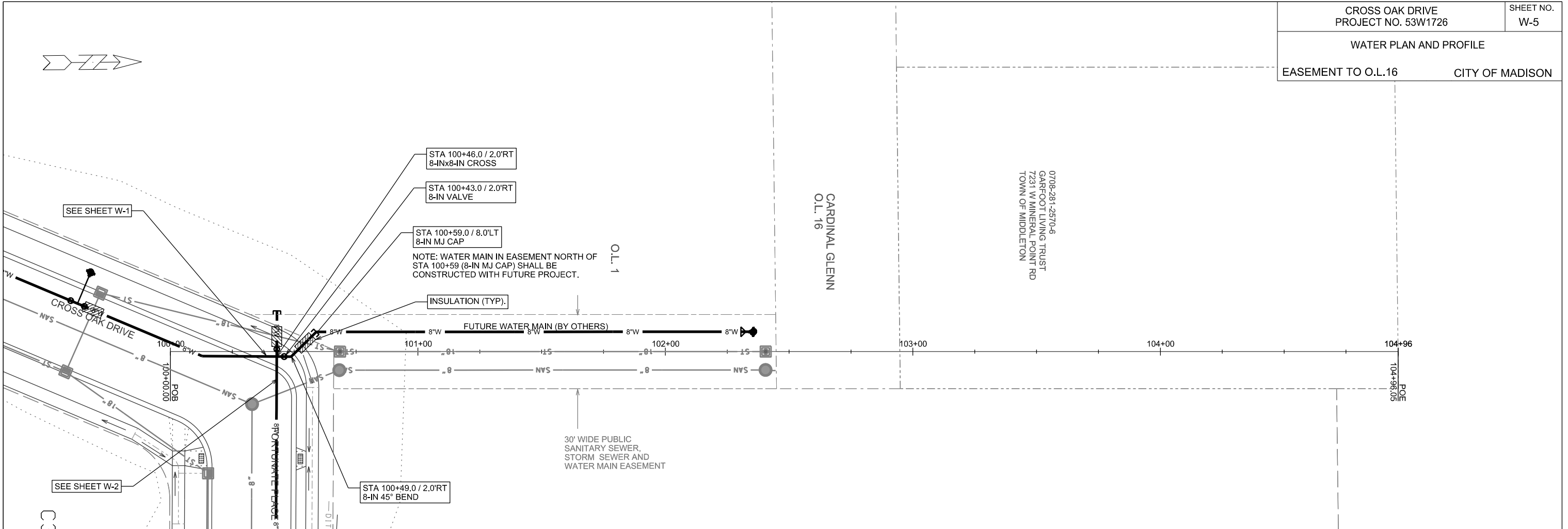


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CONSTRUCTION NOTES:

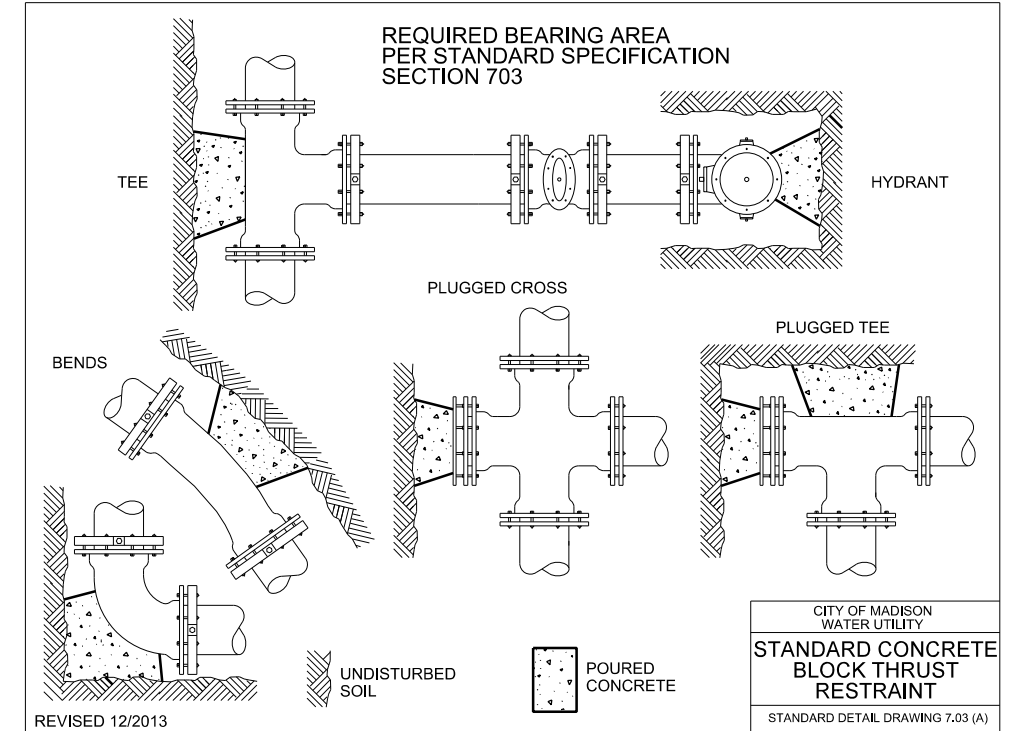
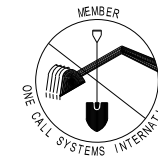
1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
5. 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

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.



ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

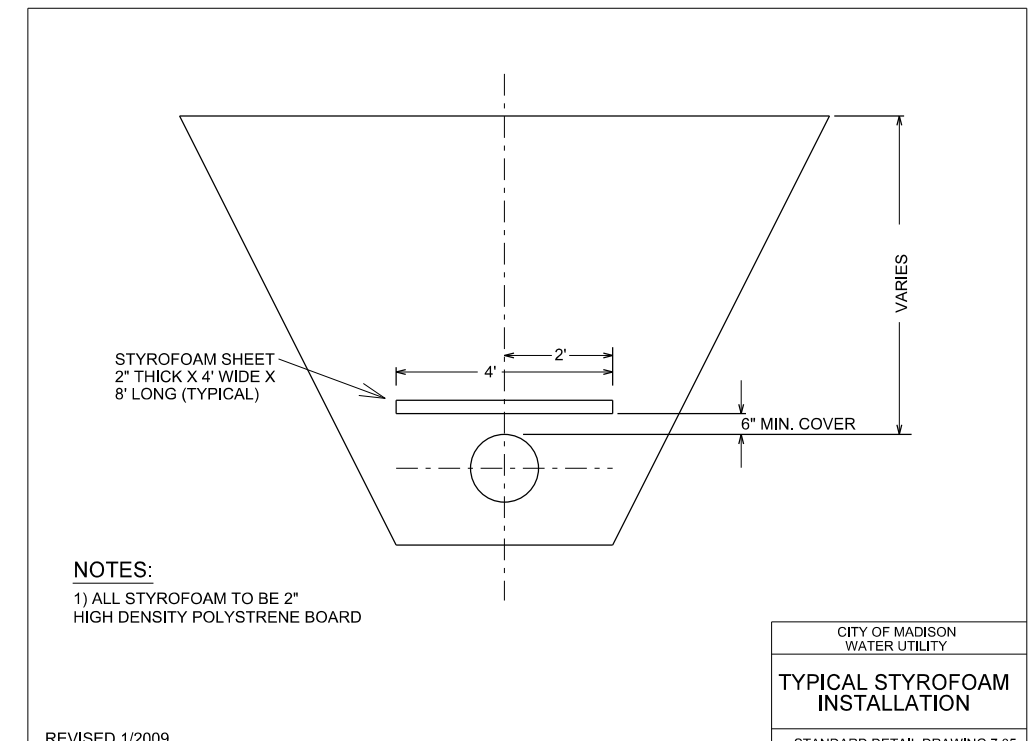
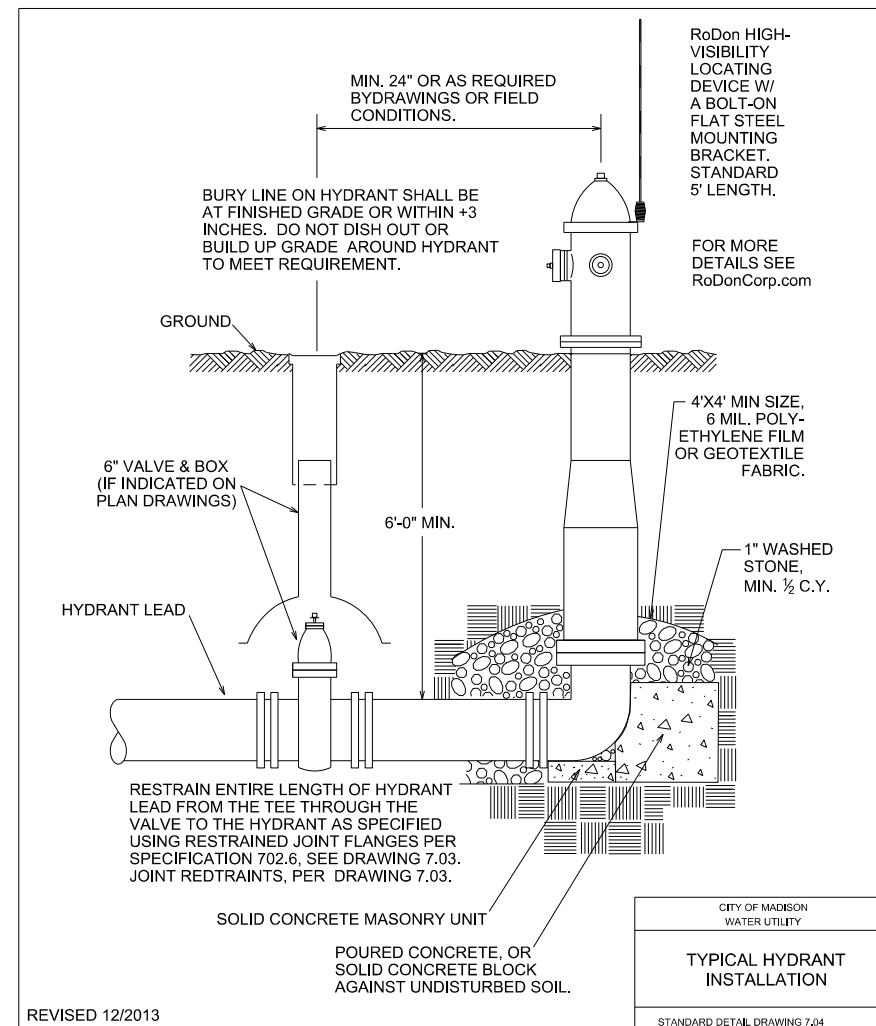
- | | |
|---------------------------------------------------------|-----------------------------|
| 475-FT - 6-IN PIPE | 1 - 12-IN X 10-IN REDUCER |
| 1,225-FT - 8-IN PIPE | 2 - 8-IN X 6-IN CROSSES |
| 10-FT - 10-IN PIPE | 1 - 8-IN X 8-IN CROSS |
| 350-FT - 12-IN PIPE | 1 - 12-IN X 6-IN CROSS |
| 2,300-FT - POLYWRAP | 5 - 8-IN X 6-IN TEES |
| 96-FT STYROFOAM INSULATION | 1 - 8-IN X 8-IN TEE |
| 11 - 6-IN VALVES & BOXES | 2 - 12-IN X 6-IN TEES |
| 6 - 8-IN VALVES & BOXES | 2 - 6-IN 22.5° BENDS |
| 1 - 10-IN VALVE & BOX | 6 - 6-IN 45° BENDS |
| BOX EXTENSIONS AS REQ'D (EXTENSIONS ARE INCIDENTAL) | 1 - 8-IN 11.25° BEND |
| 5 - 5-IN HYDRANT ASSEMBLYS | 1 - 8-IN 22.5° BEND |
| HYDRANT EXTENSIONS AS REQ'D (EXTENSIONS ARE INCIDENTAL) | 1 - 8-IN 45° BEND |
| 7 - 6-IN MJ CAPS | 5 - 6-IN OFFSET SWEEPS - OR |
| 1 - 6-IN MJ PLUGS | 10 - 6-IN BEND FITTINGS FOR |
| 3 - 8-IN MJ CAPS | 6-IN SERVICE LATERAL STUBS |
| 2 - 8-IN MJ PLUGS | 1 - 8-IN OFFSET SWEEP - OR |
| | 2 - 8-IN BEND FITTINGS FOR |
| | 8-IN SERVICE LATERAL STUBS |

MATERIALS SUPPLIED BY CITY:

NONE

REUSED MATERIALS

NONE



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

CROSS OAK DR

CITY OF MADISON

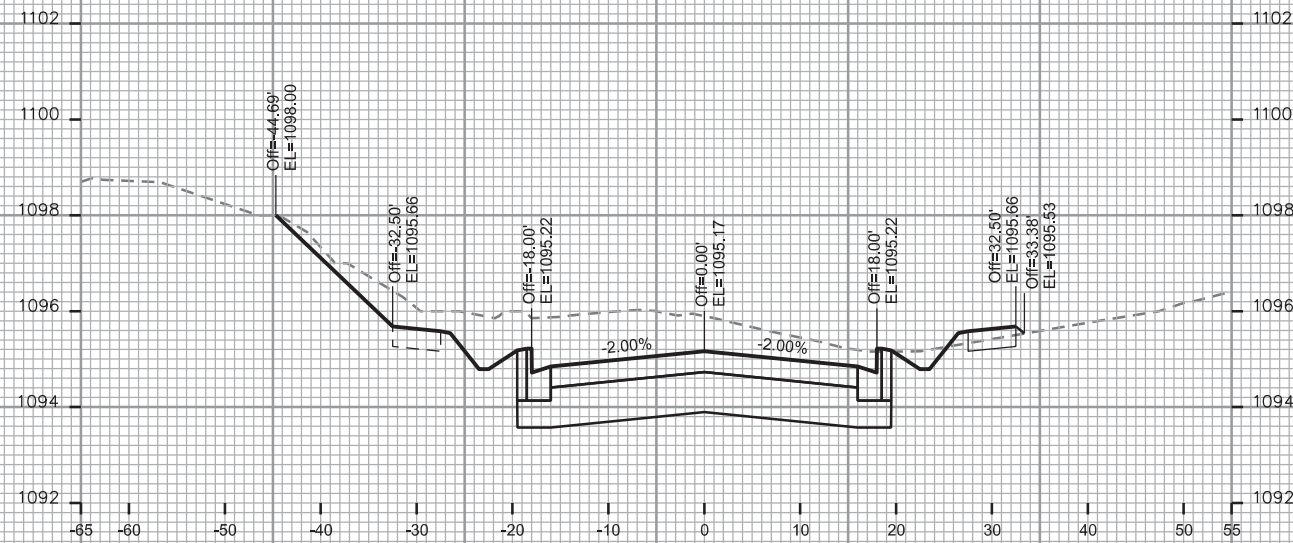
REV. JOHN SAPP 06-24-14

PLOT SCALE: _____

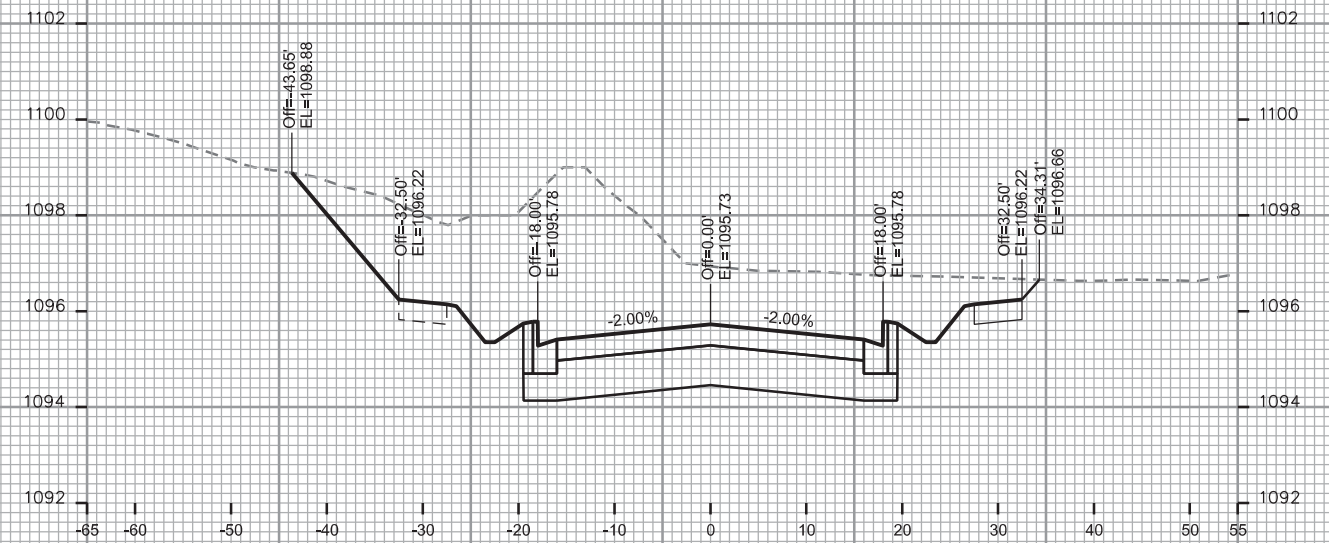
PLOT NAME: _____

REV. DATE: _____

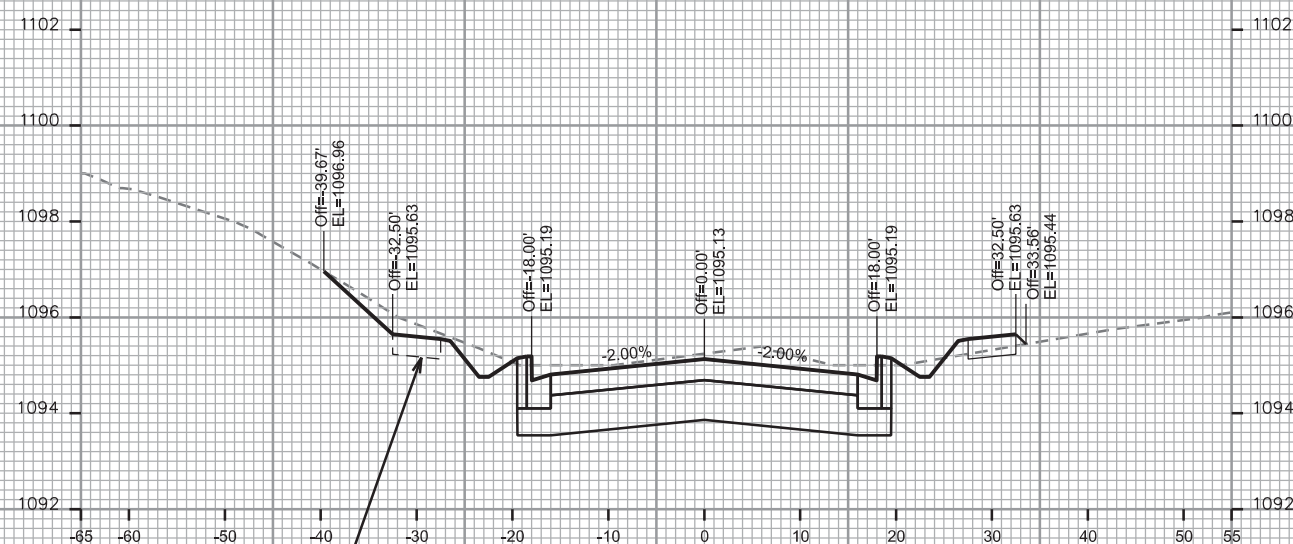
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



STA. 0+25

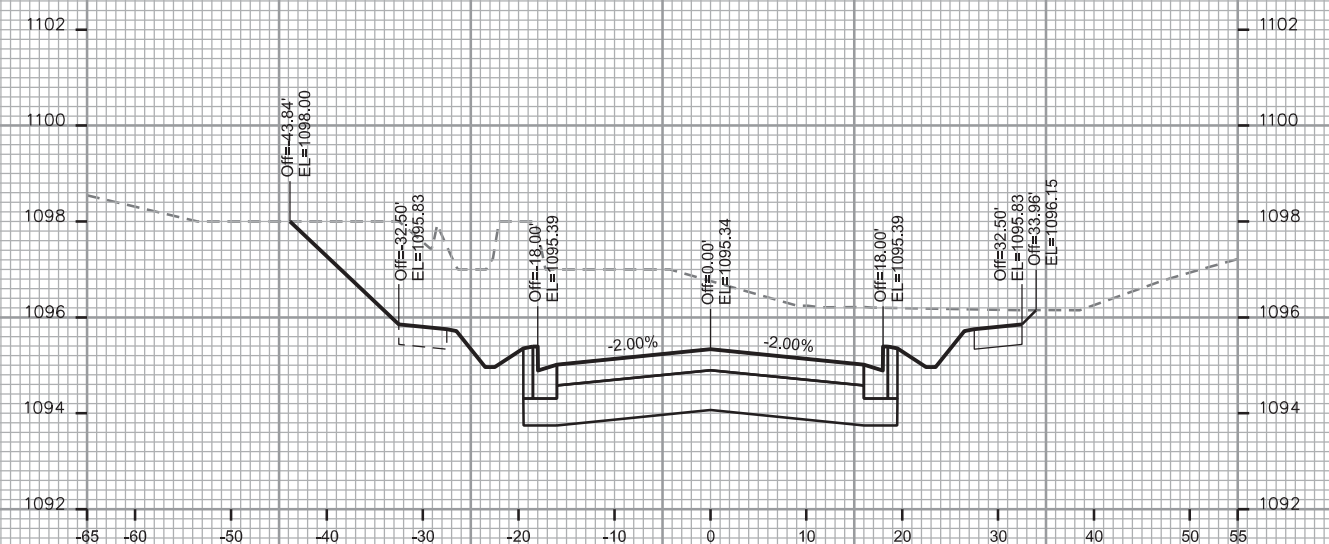


STA. 0+75



FUTURE SIDEWALK;
WORK BY OTHERS (TYP.)

STA. 0+18



STA. 0+50



CROSS SECTIONS

CROSS OAK DR

CITY OF MADISON

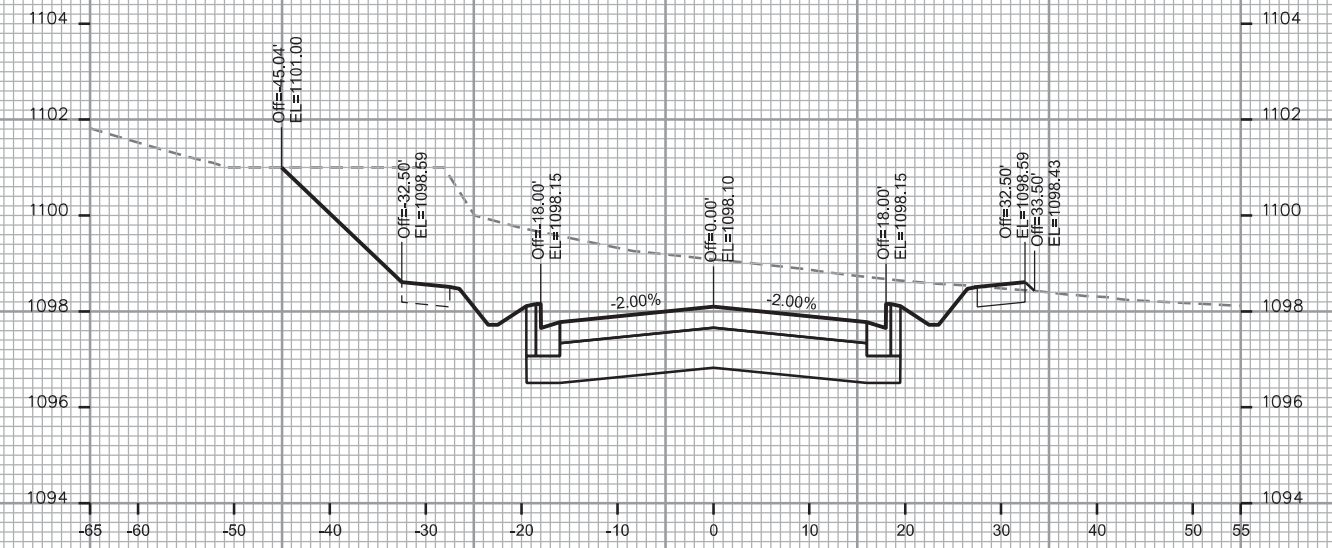
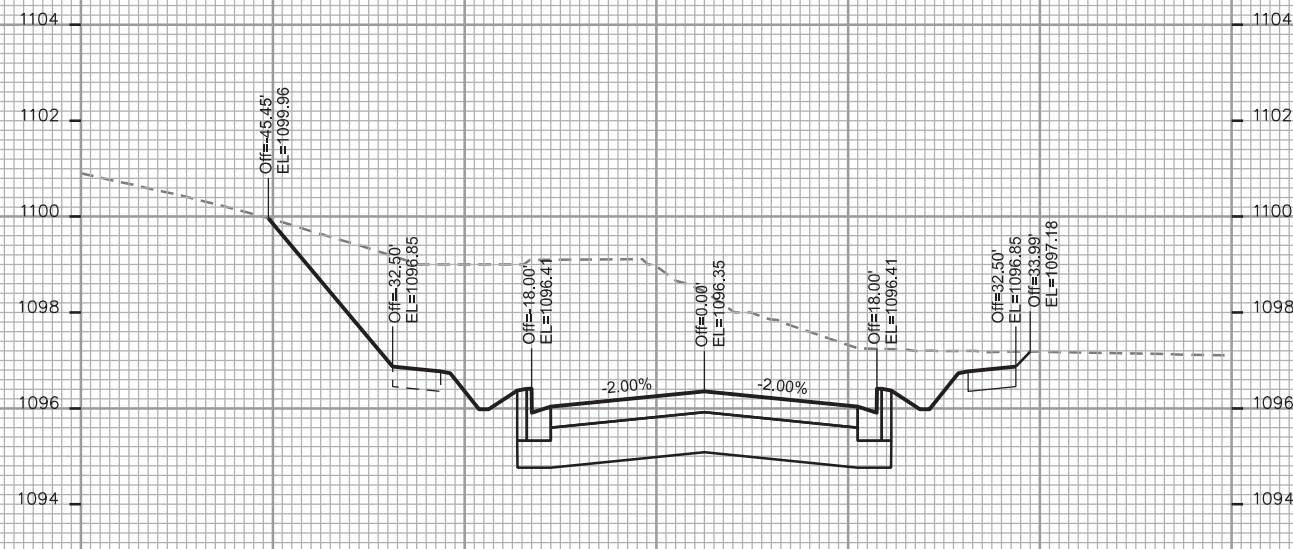
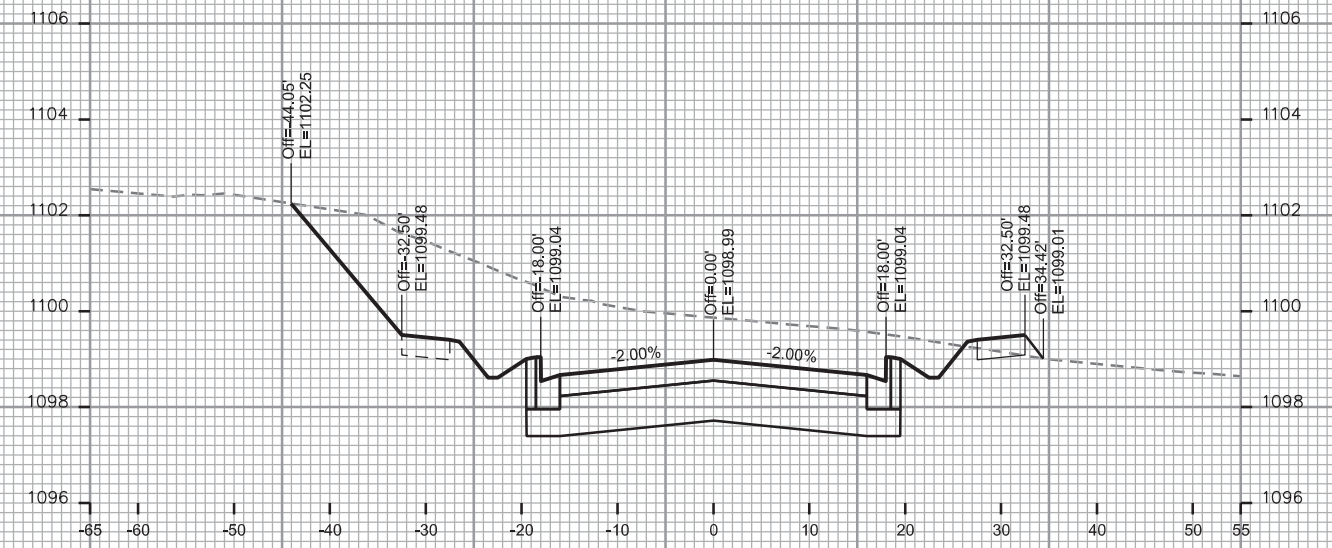
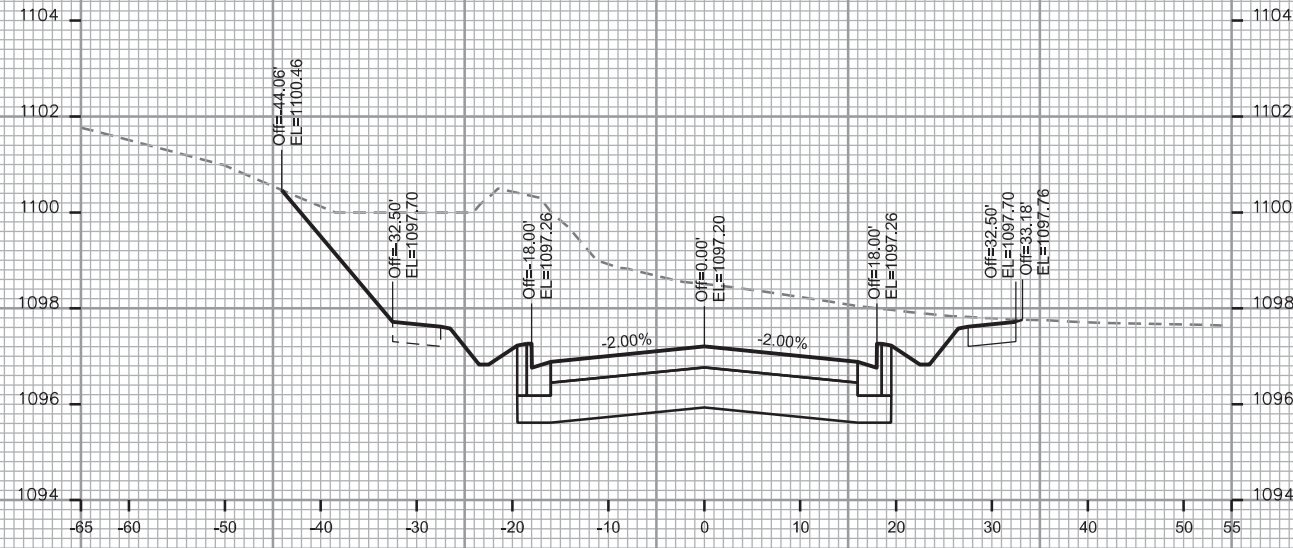
REV. JOHN SAPP 06-24-14

PLOT SCALE: _____

PLOT NAME: _____

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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

CROSS OAK DR

CITY OF MADISON

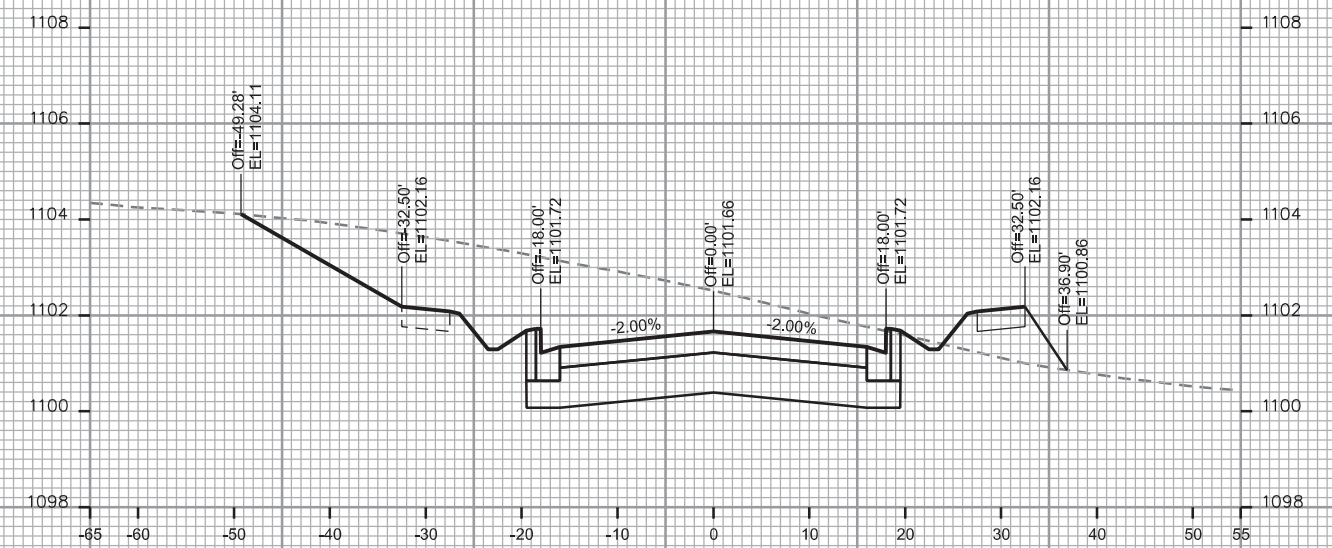
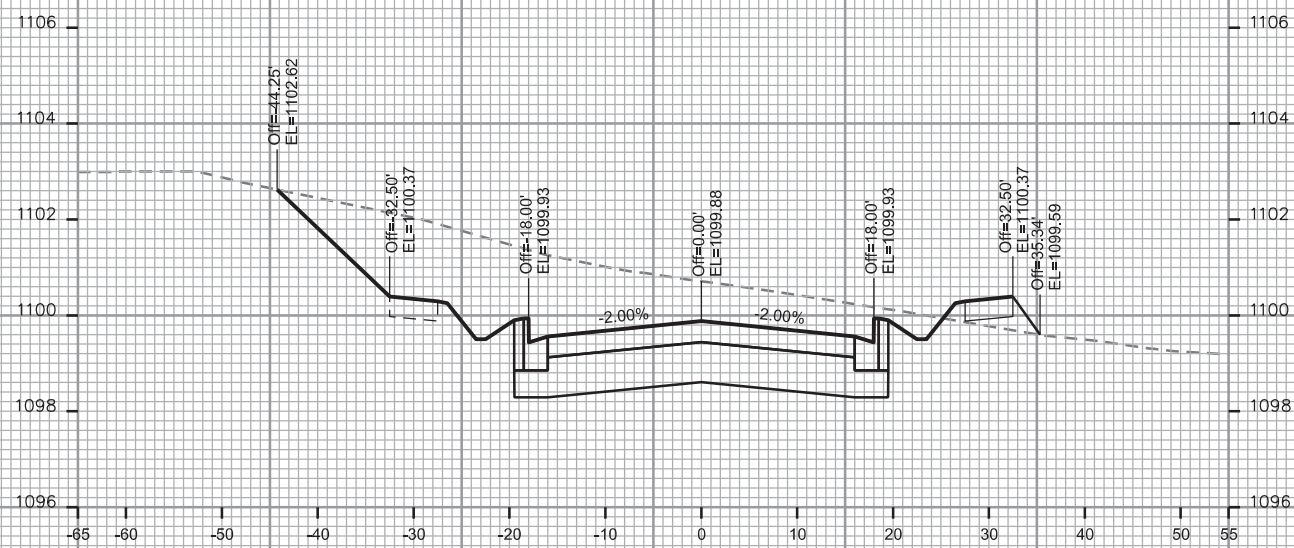
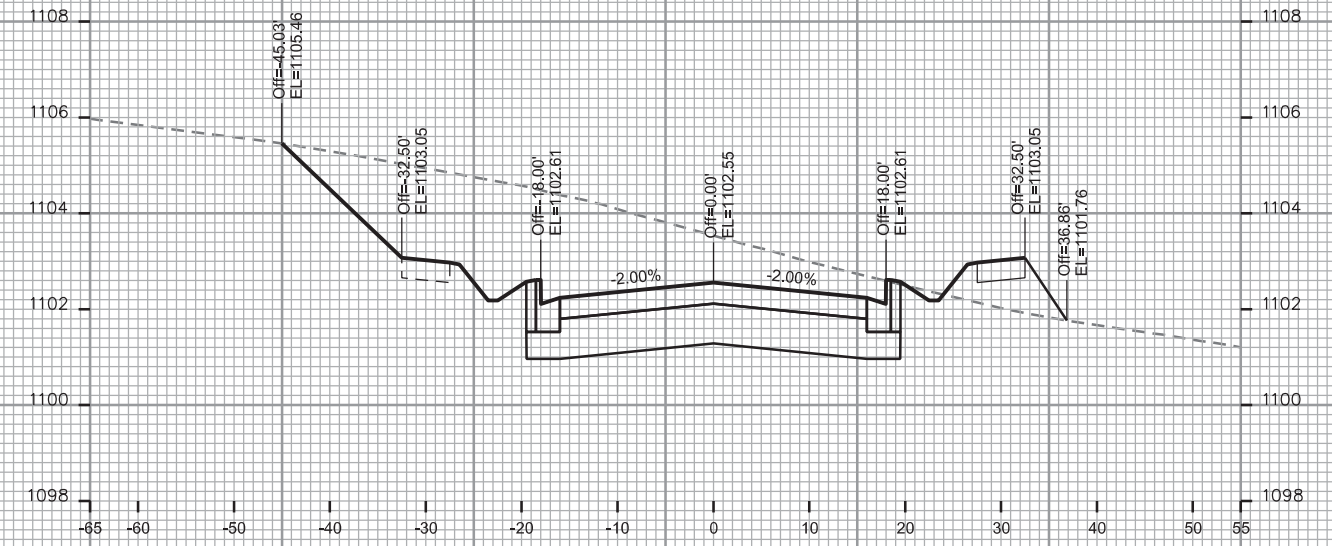
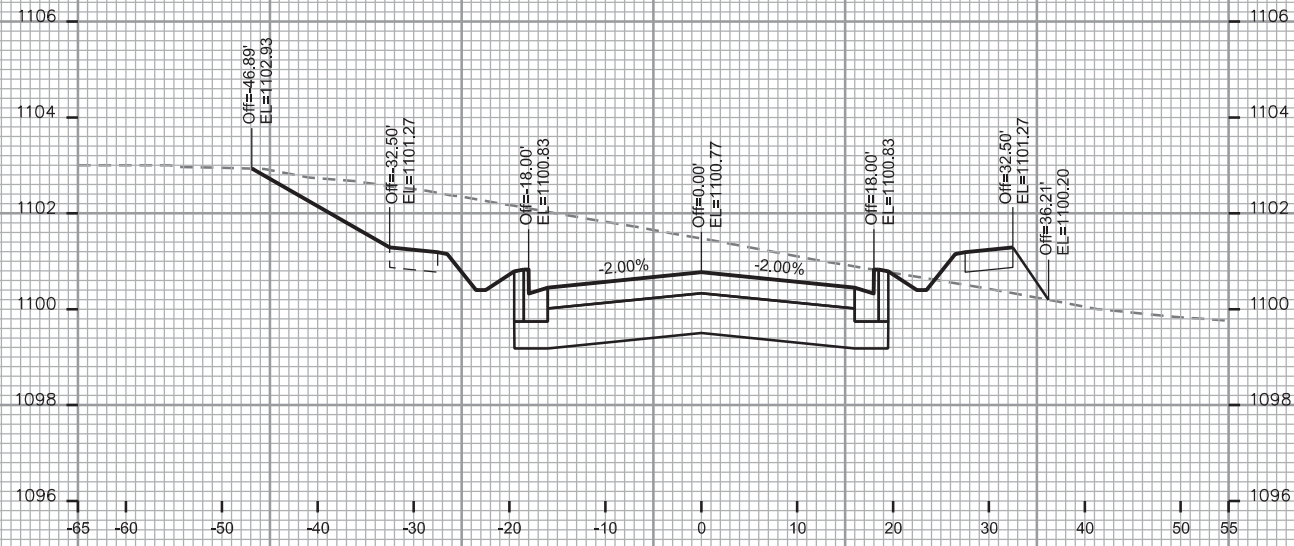
REV. JOHN SAPP 06-24-14

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CROSS SECTIONS

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CITY OF MADISON

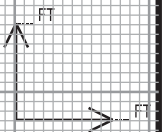
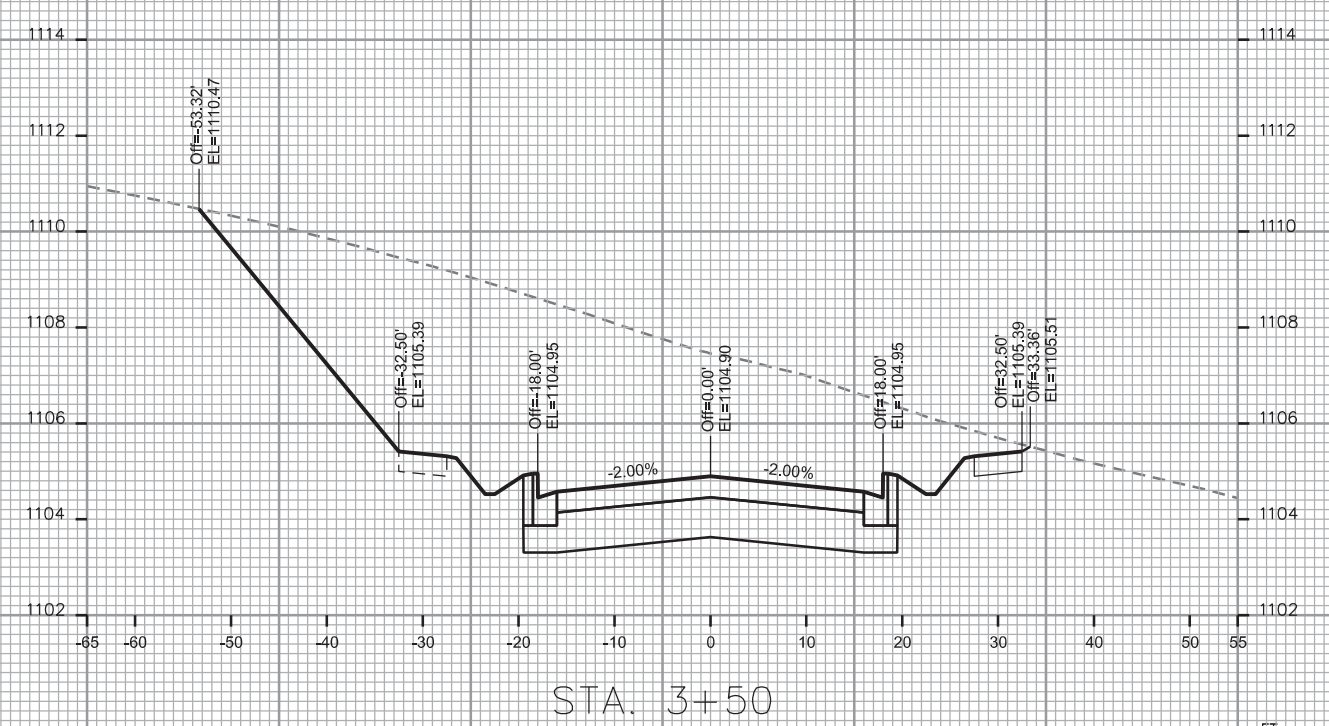
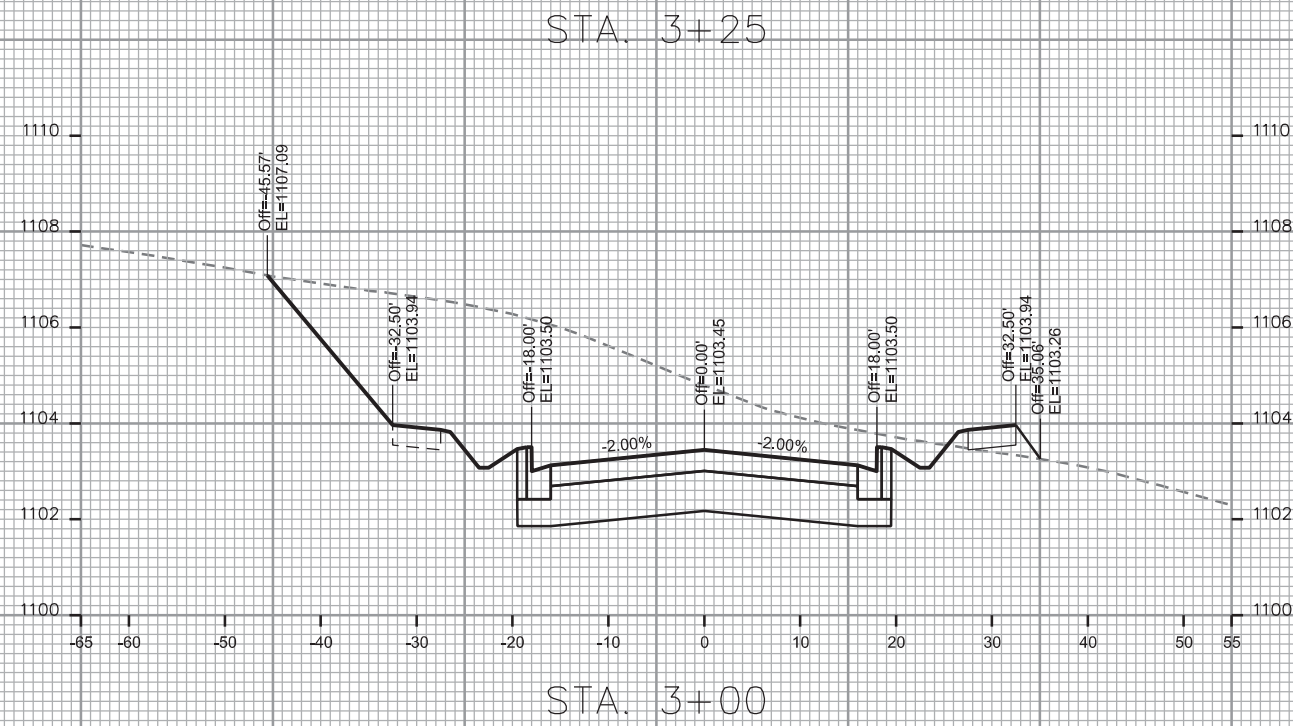
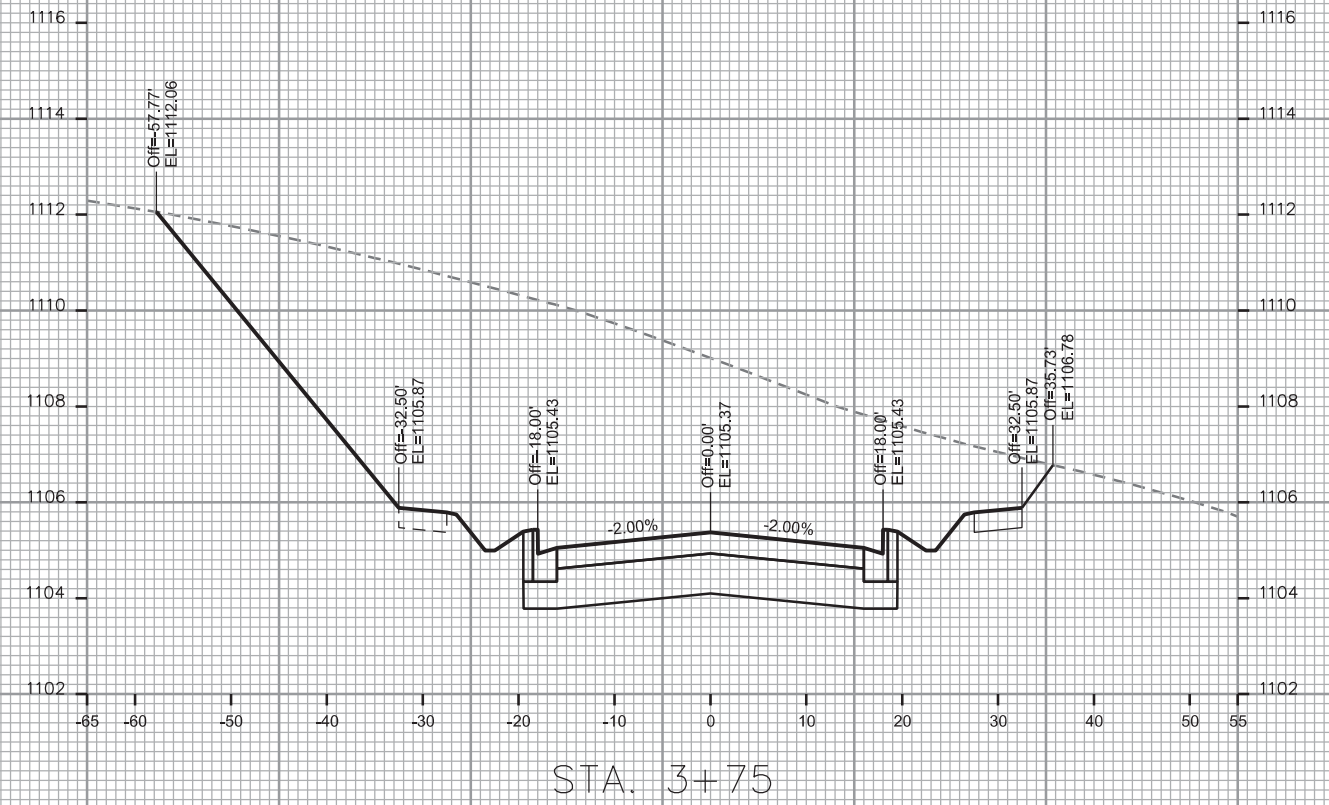
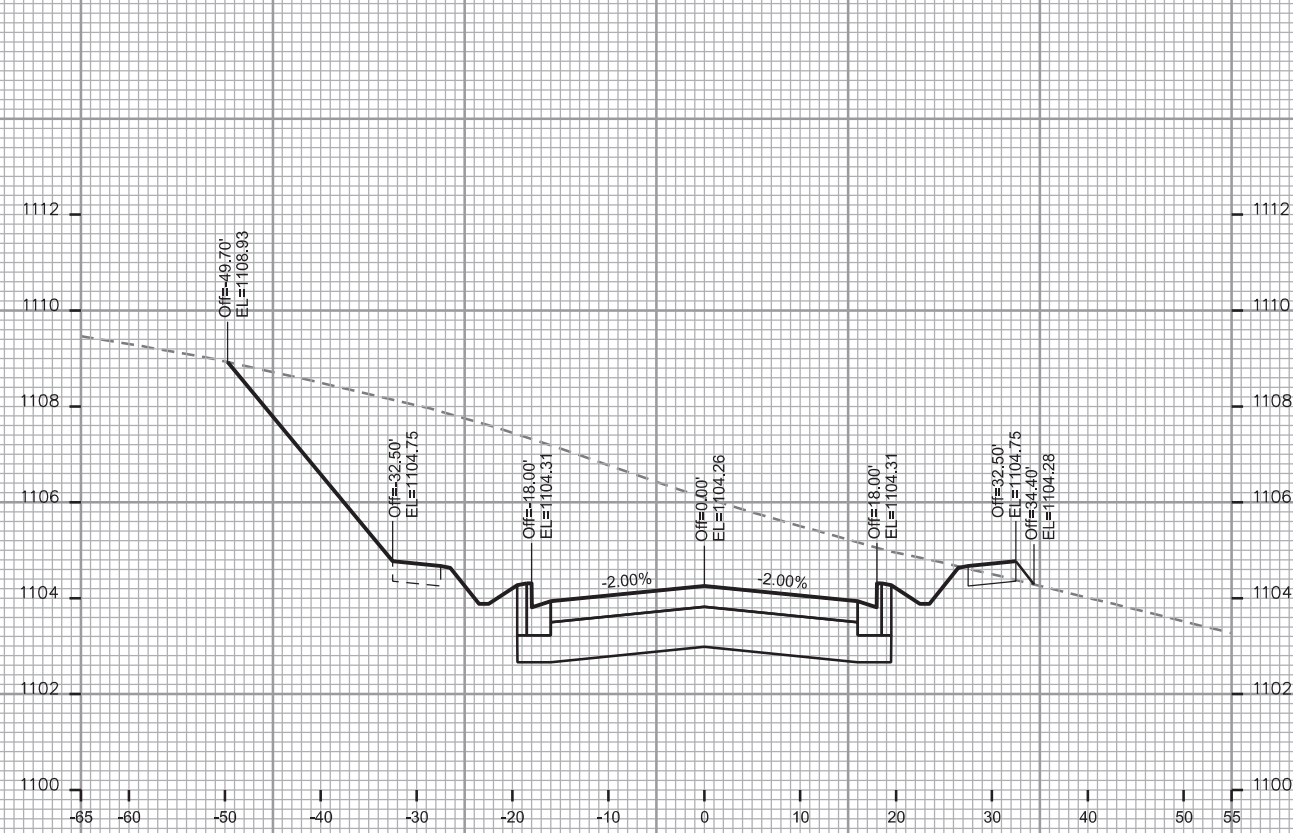
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

CROSS OAK DR

CITY OF MADISON

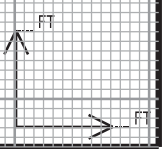
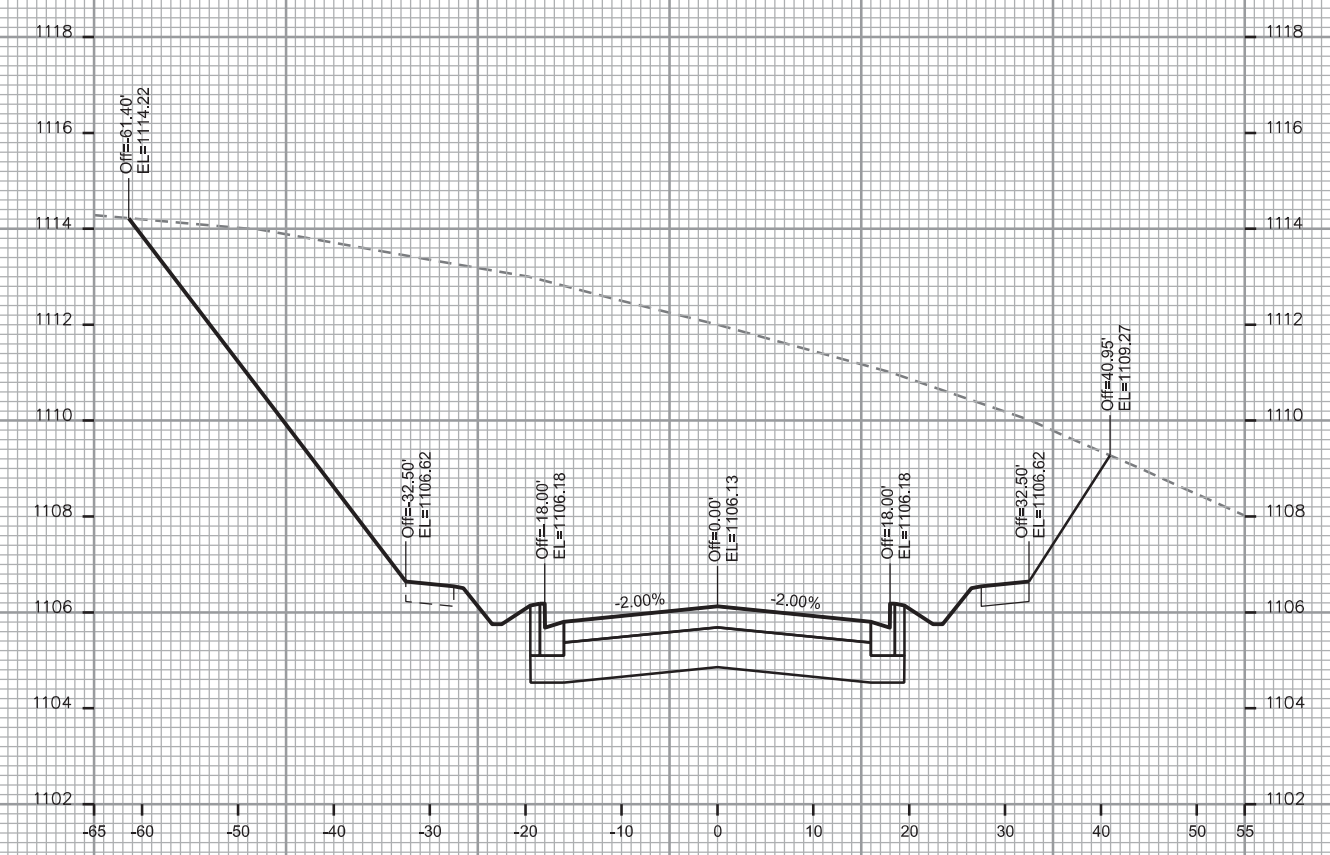
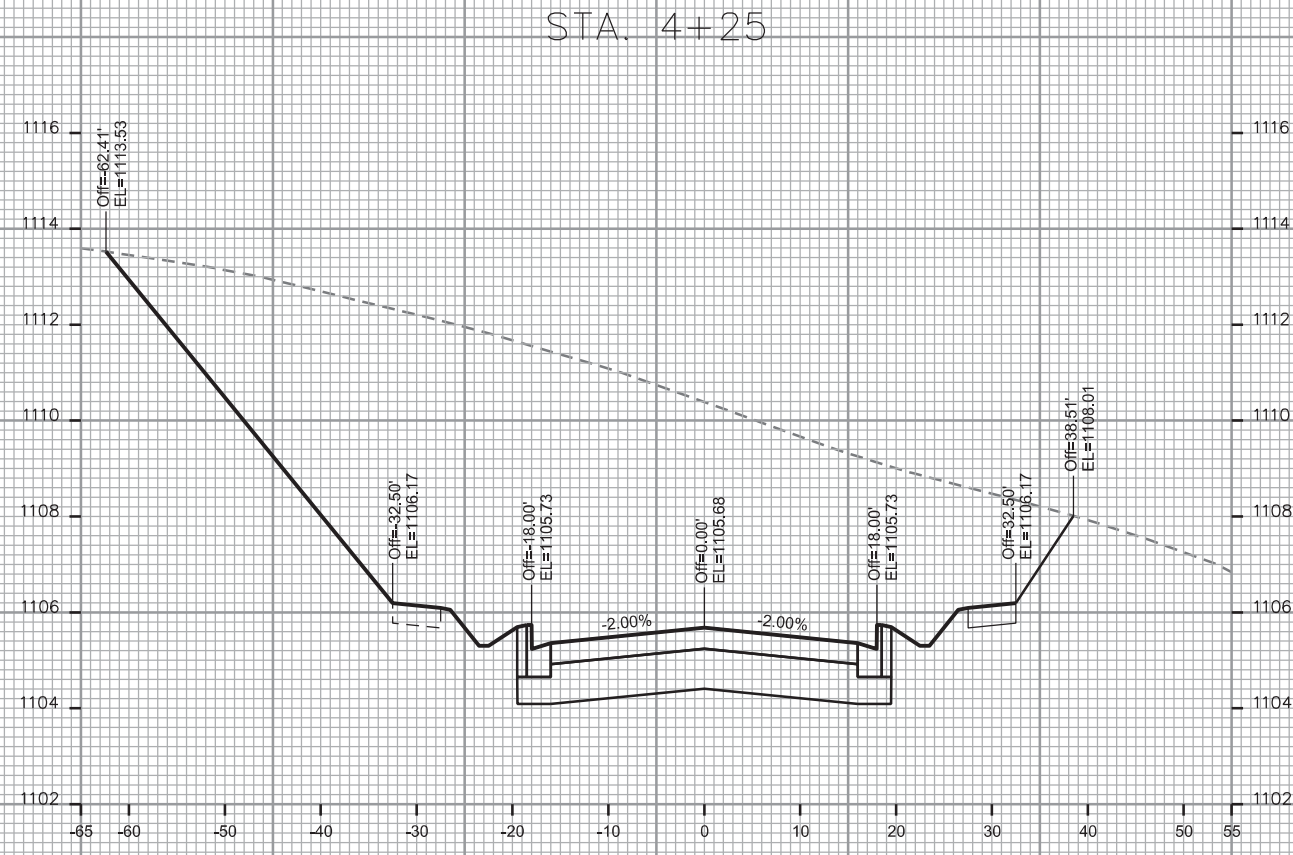
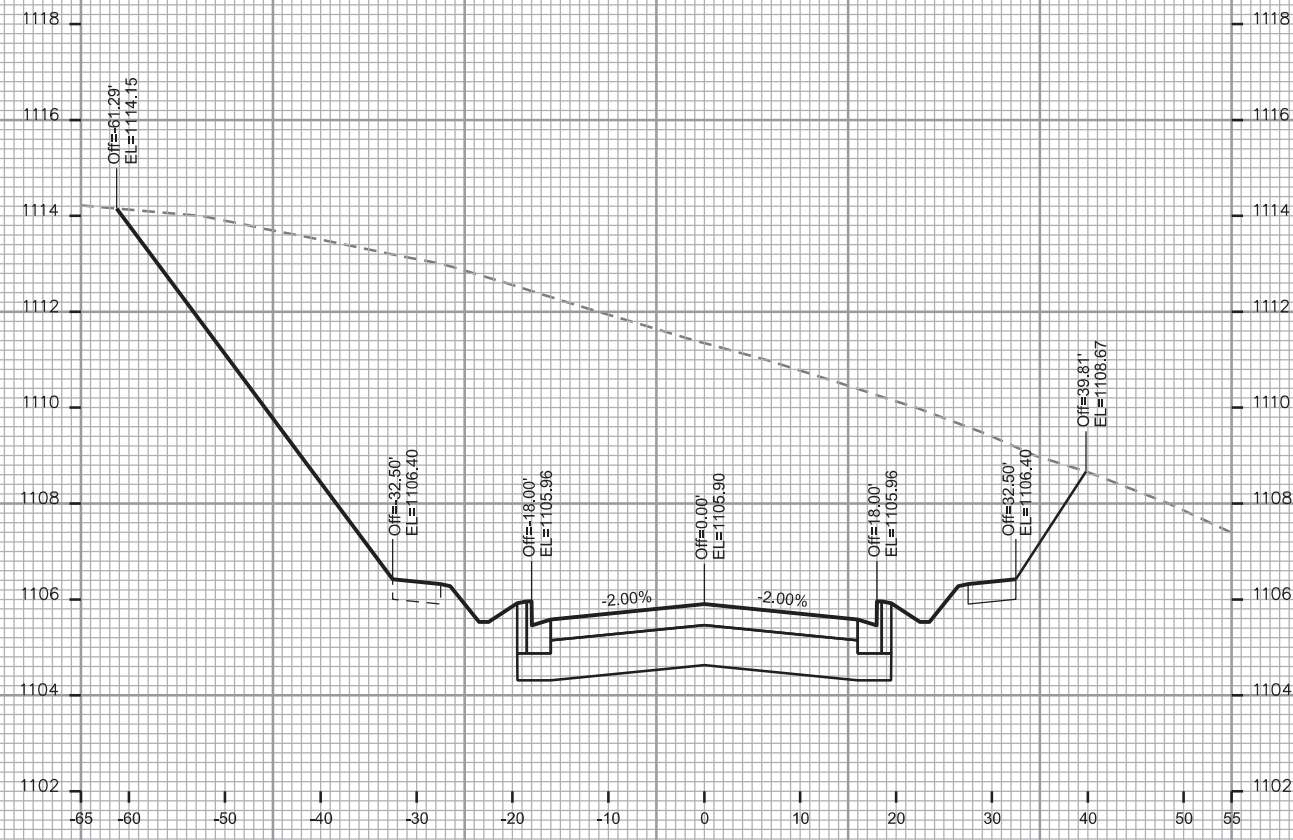
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PLOT SCALE: _____

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CROSS SECTIONS

CROSS OAK DR

CITY OF MADISON

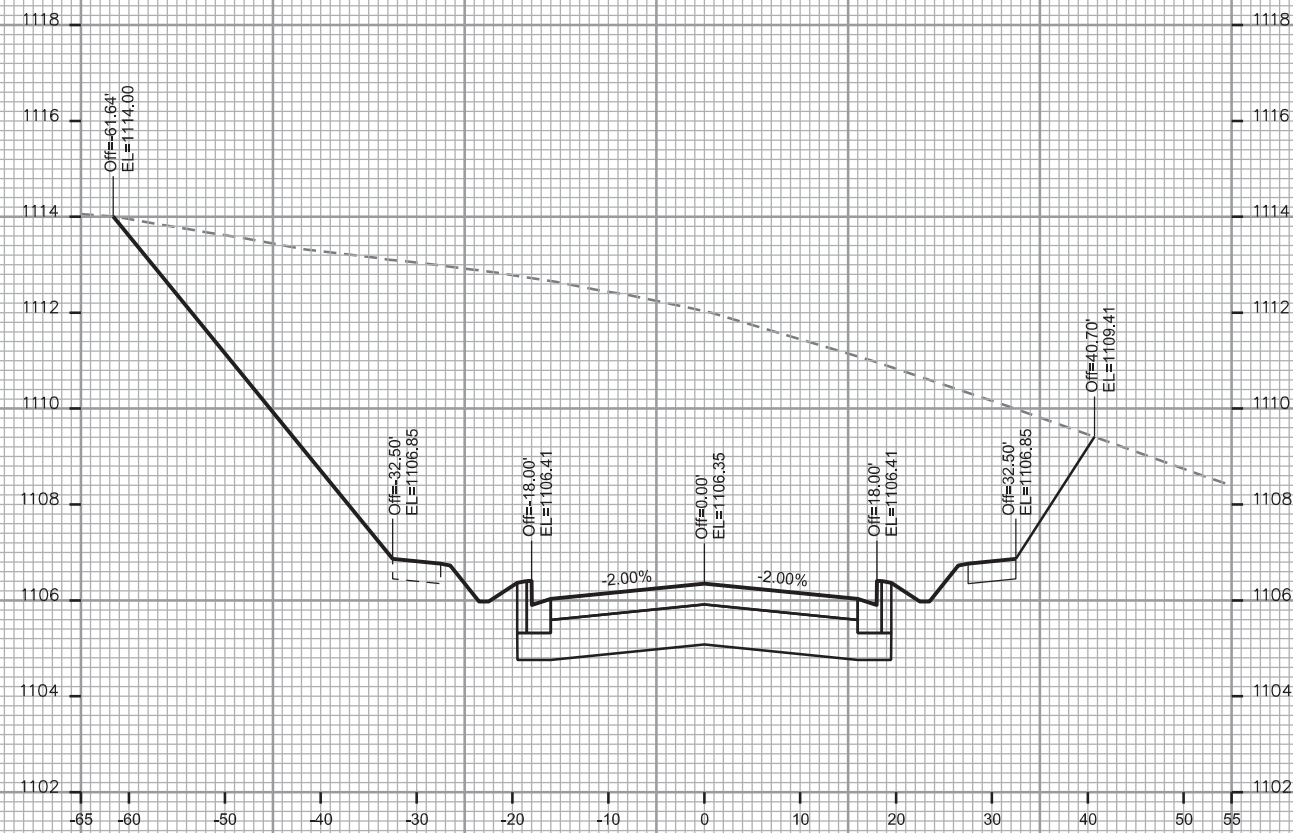
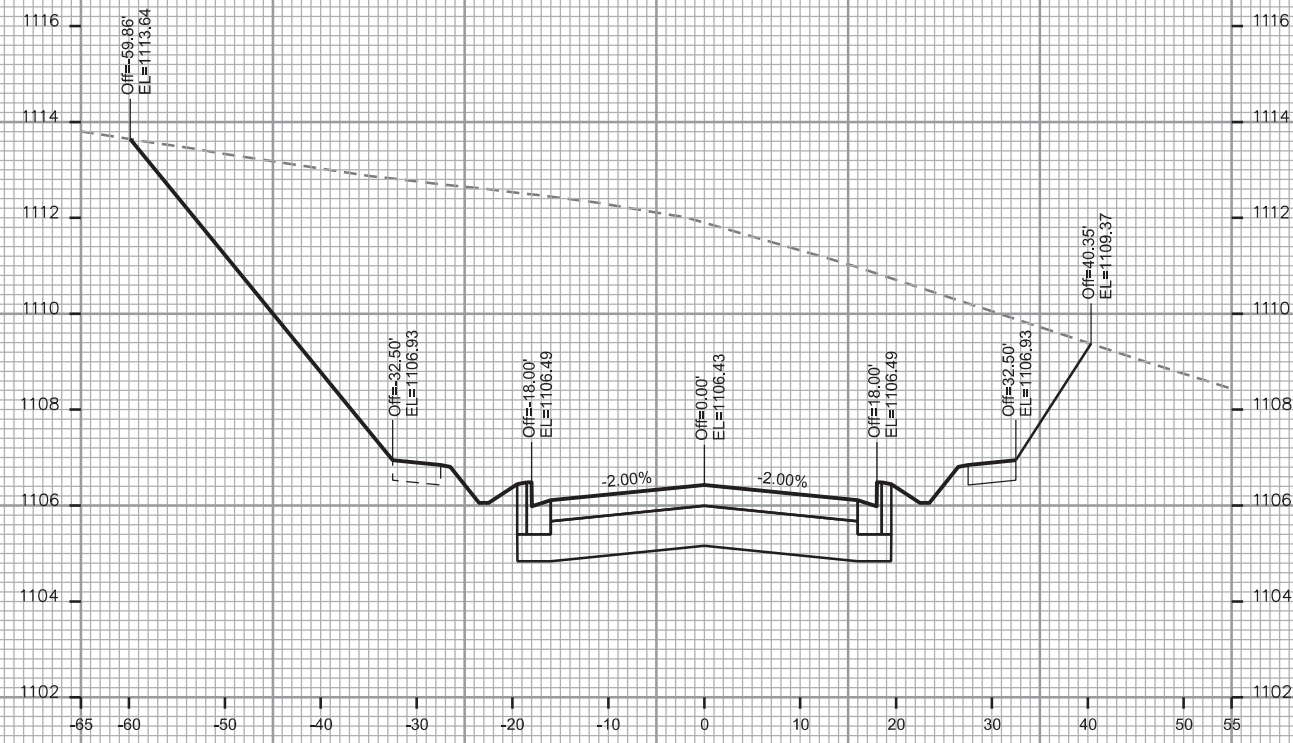
REV. JOHN SAPP 06-24-14

PLOT SCALE: _____

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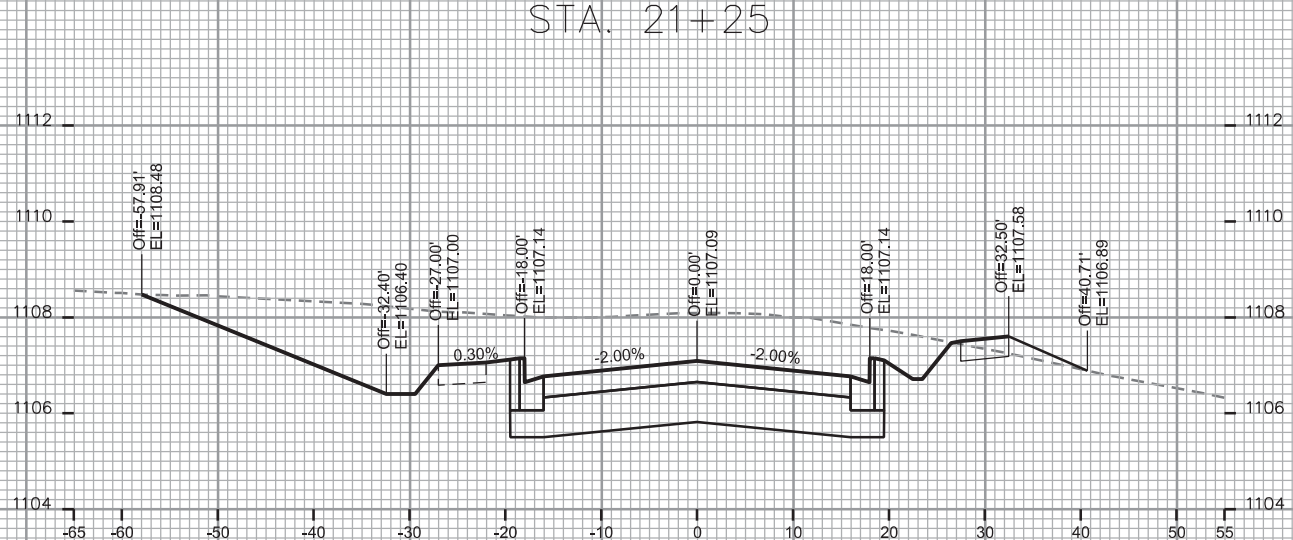
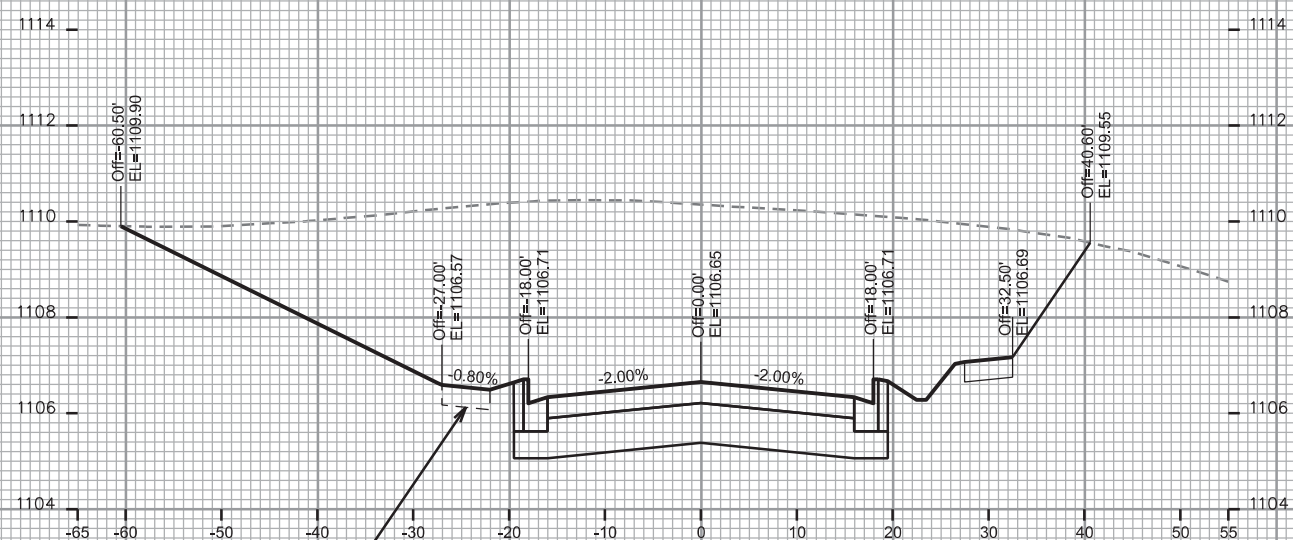
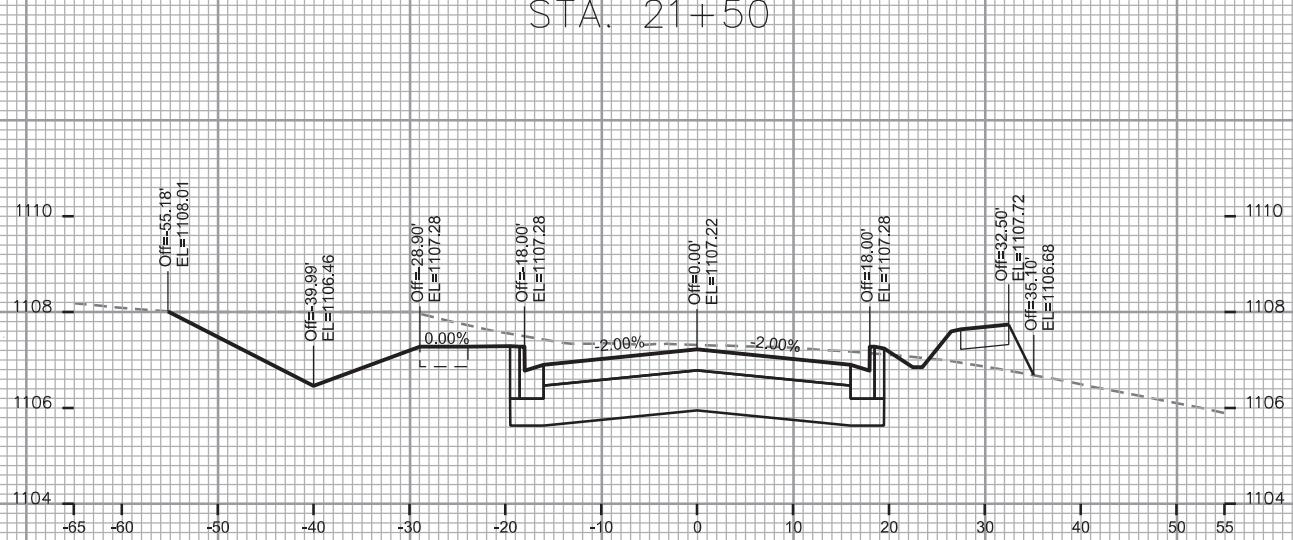
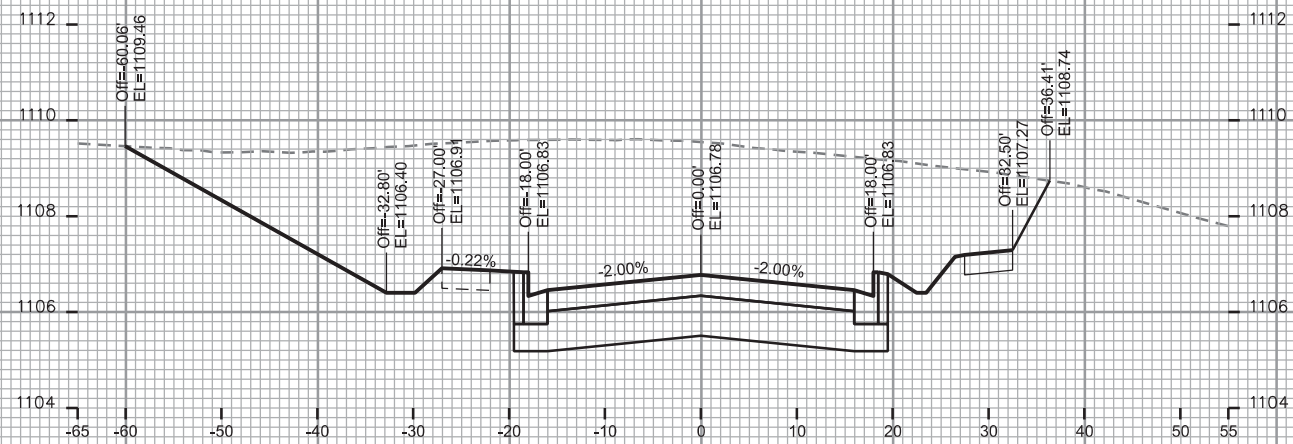
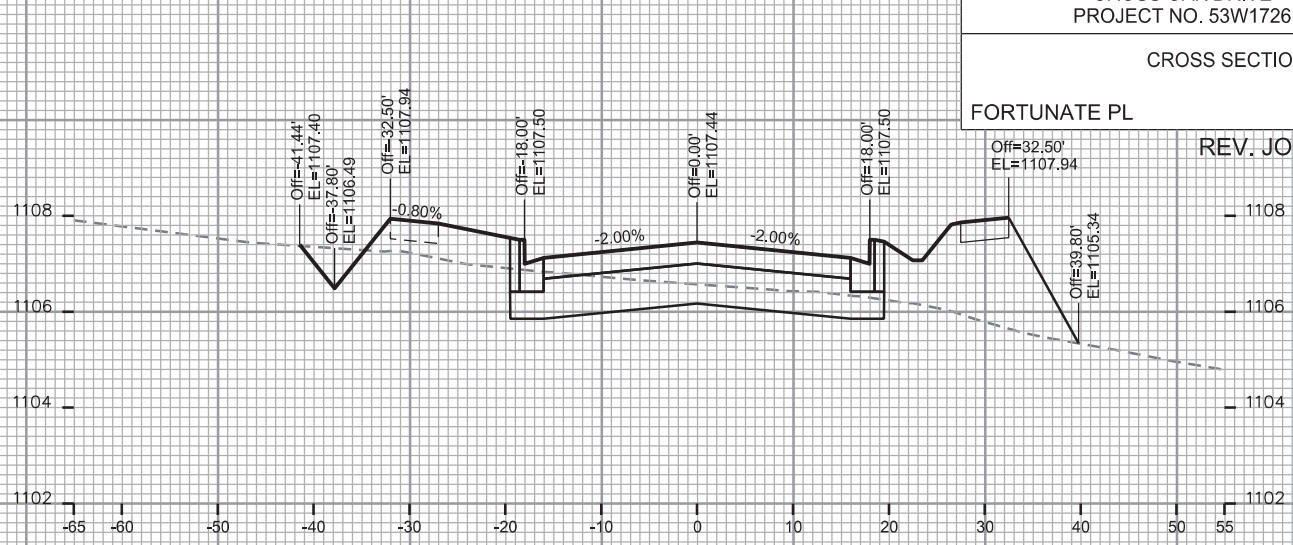
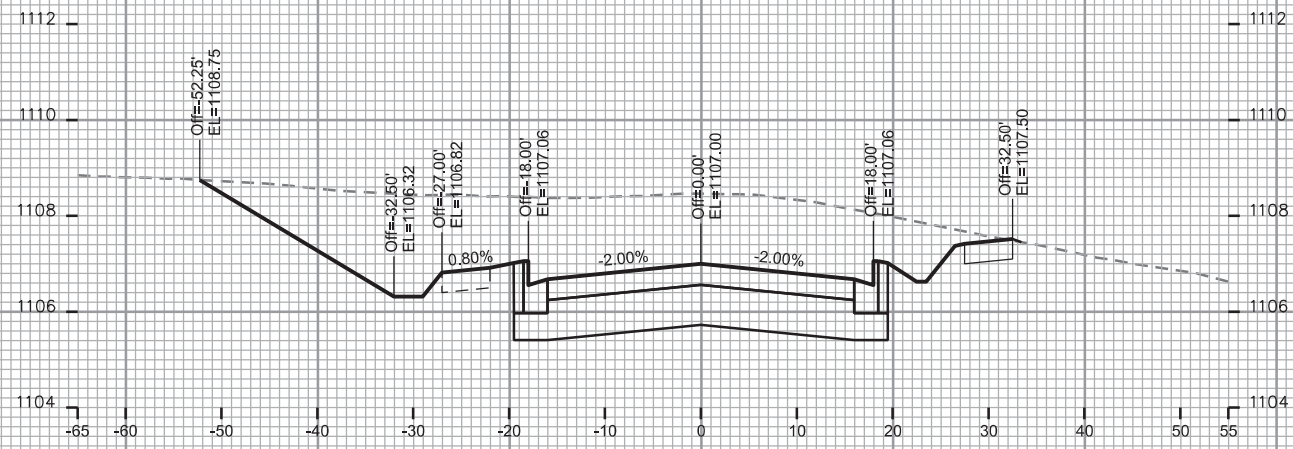
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION

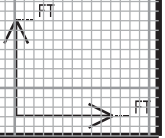


CROSS SECTIONS

FORTUNATE PL
CITY OF MADISON
REV. JOHN SAPP 06-24-14



FUTURE SIDEWALK;
WORK BY OTHERS (TYP.)



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

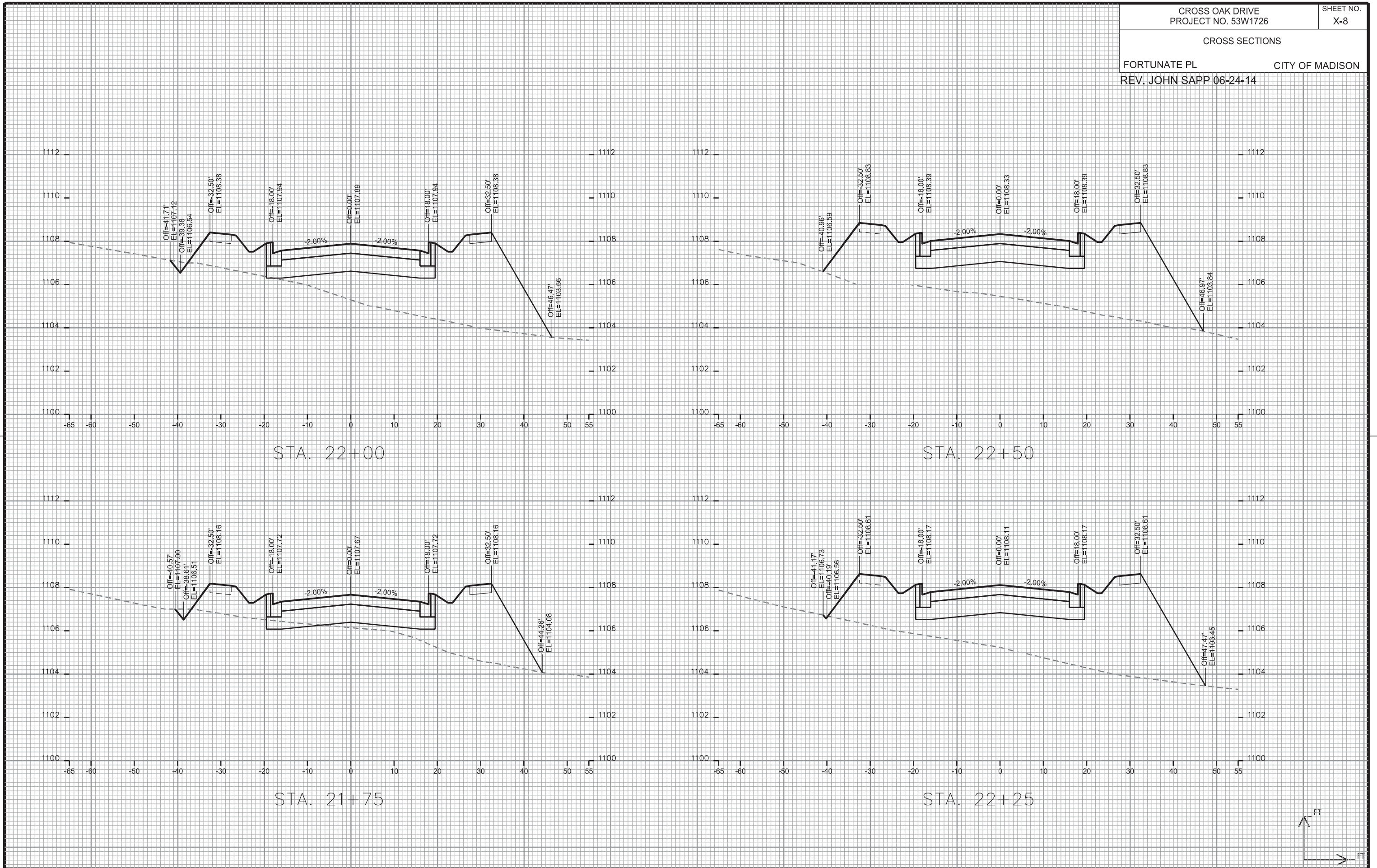
REV. JOHN SAPP 06-24-14

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REV. DATE: _____

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CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

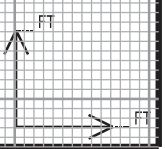
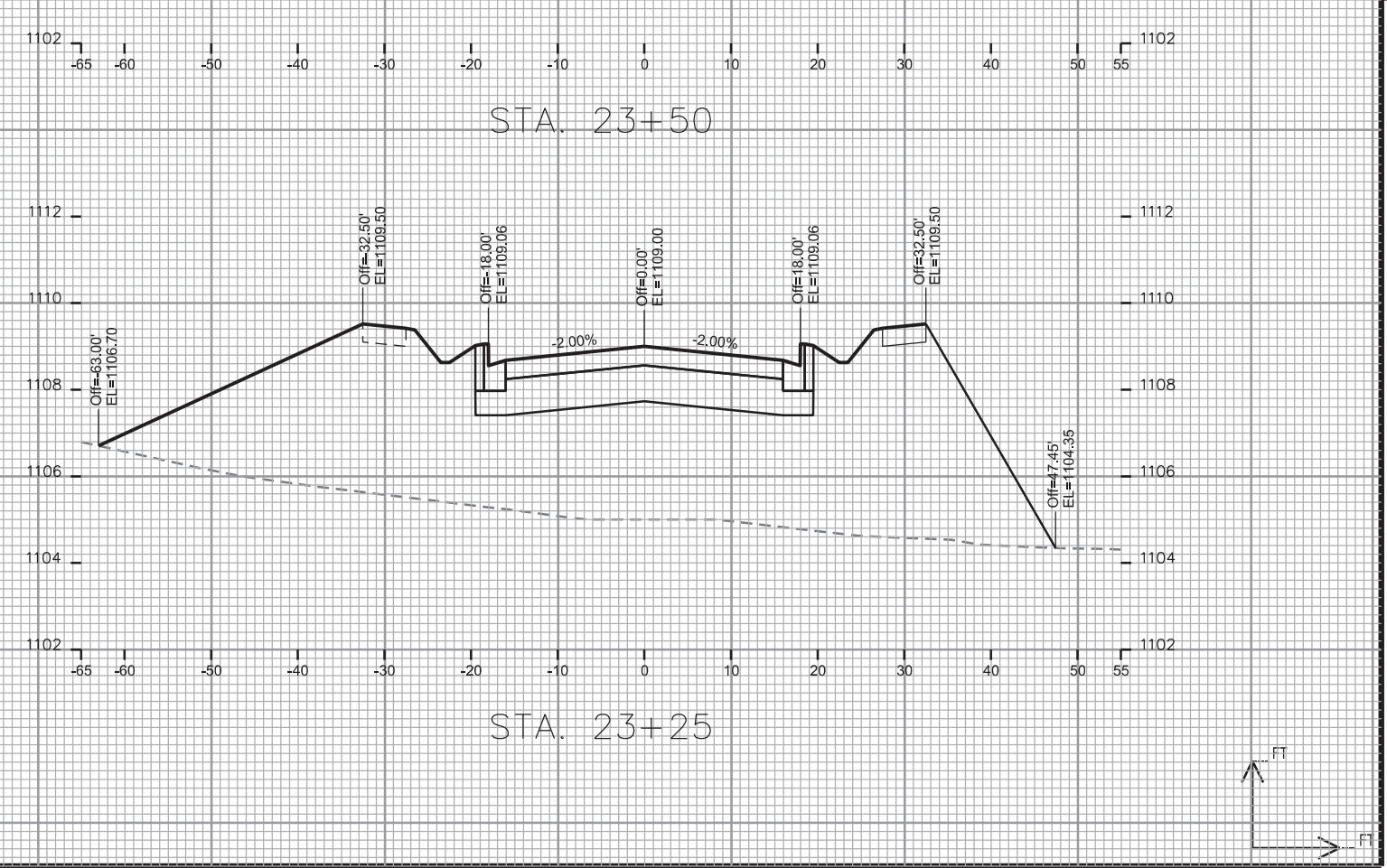
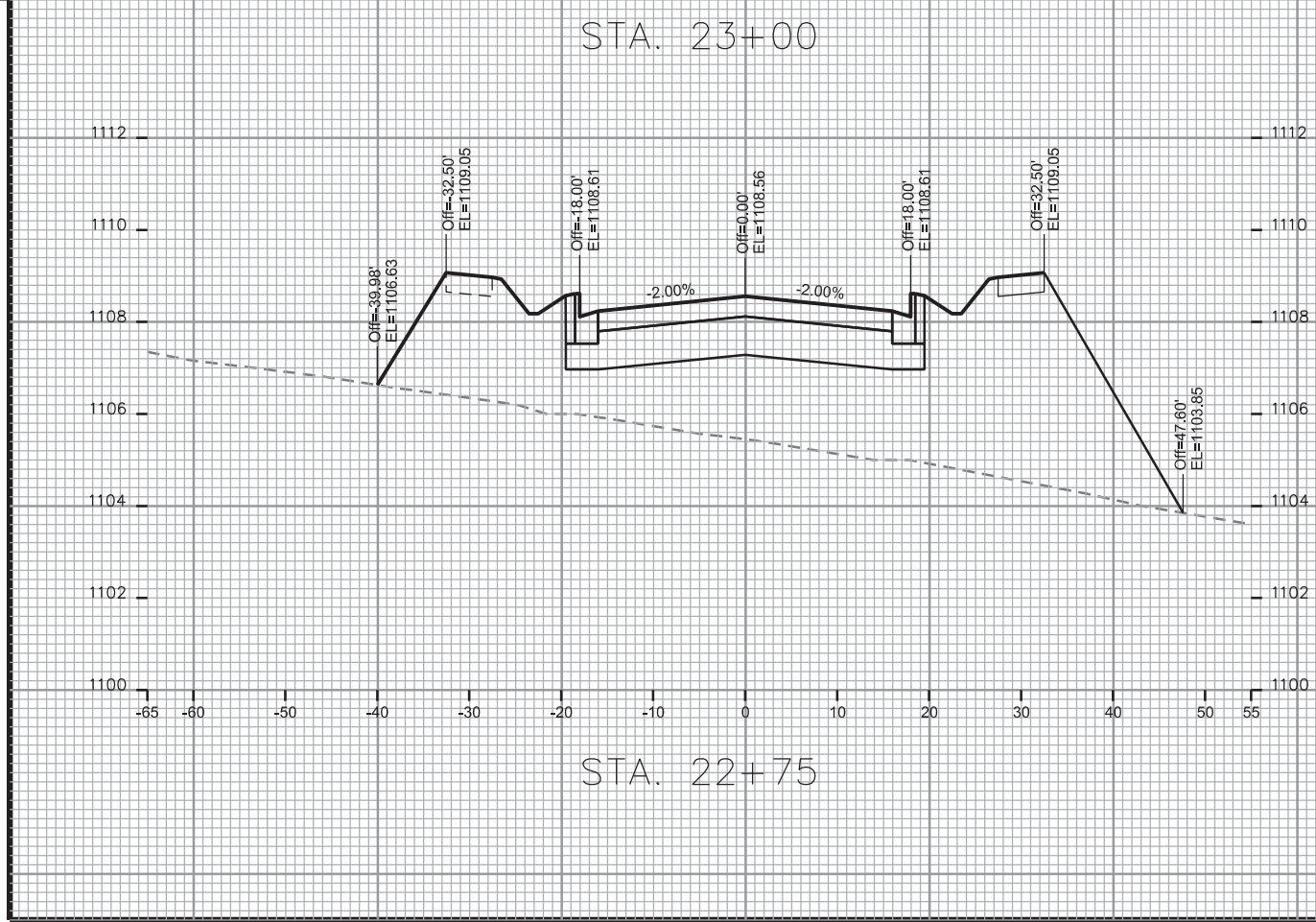
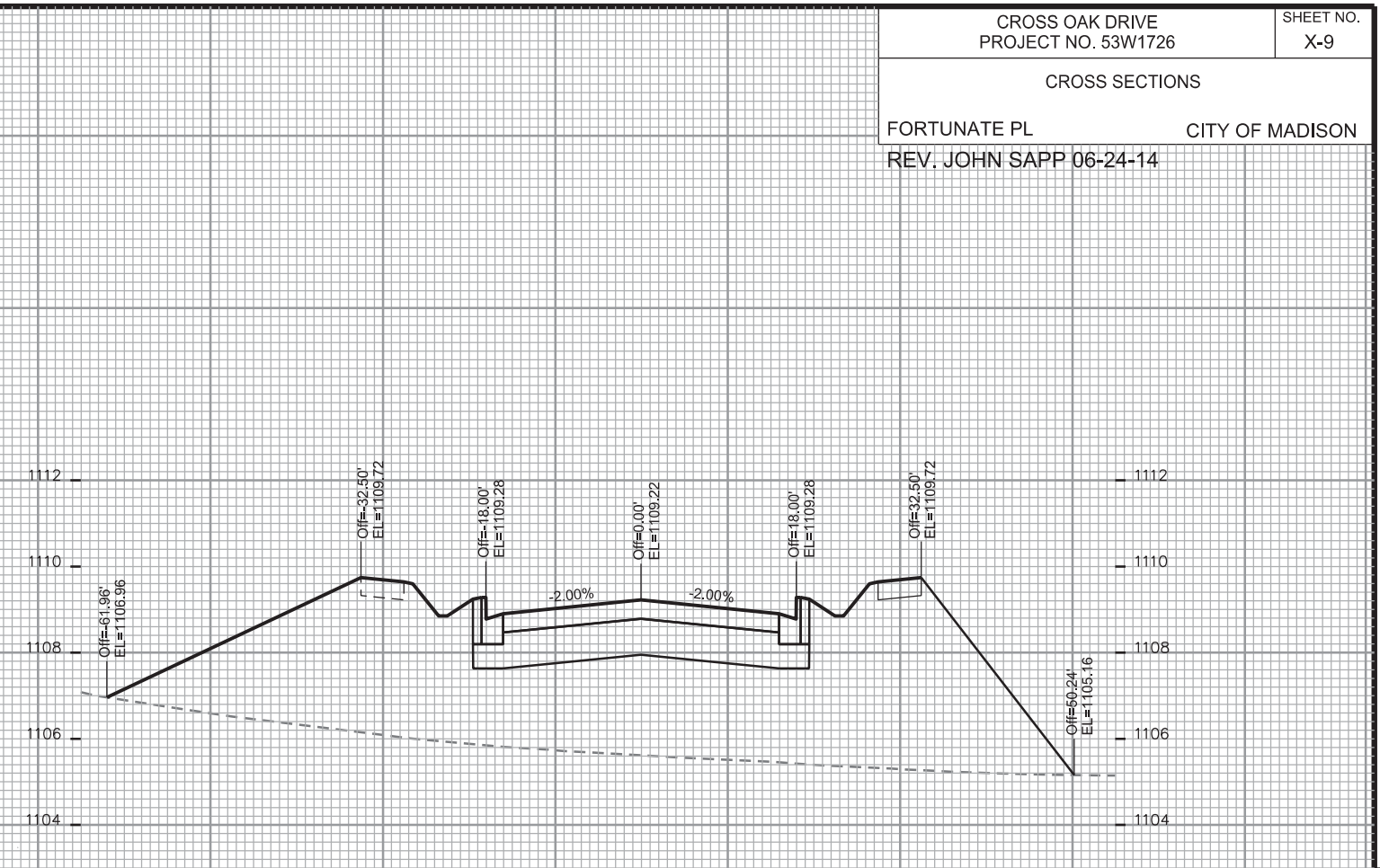
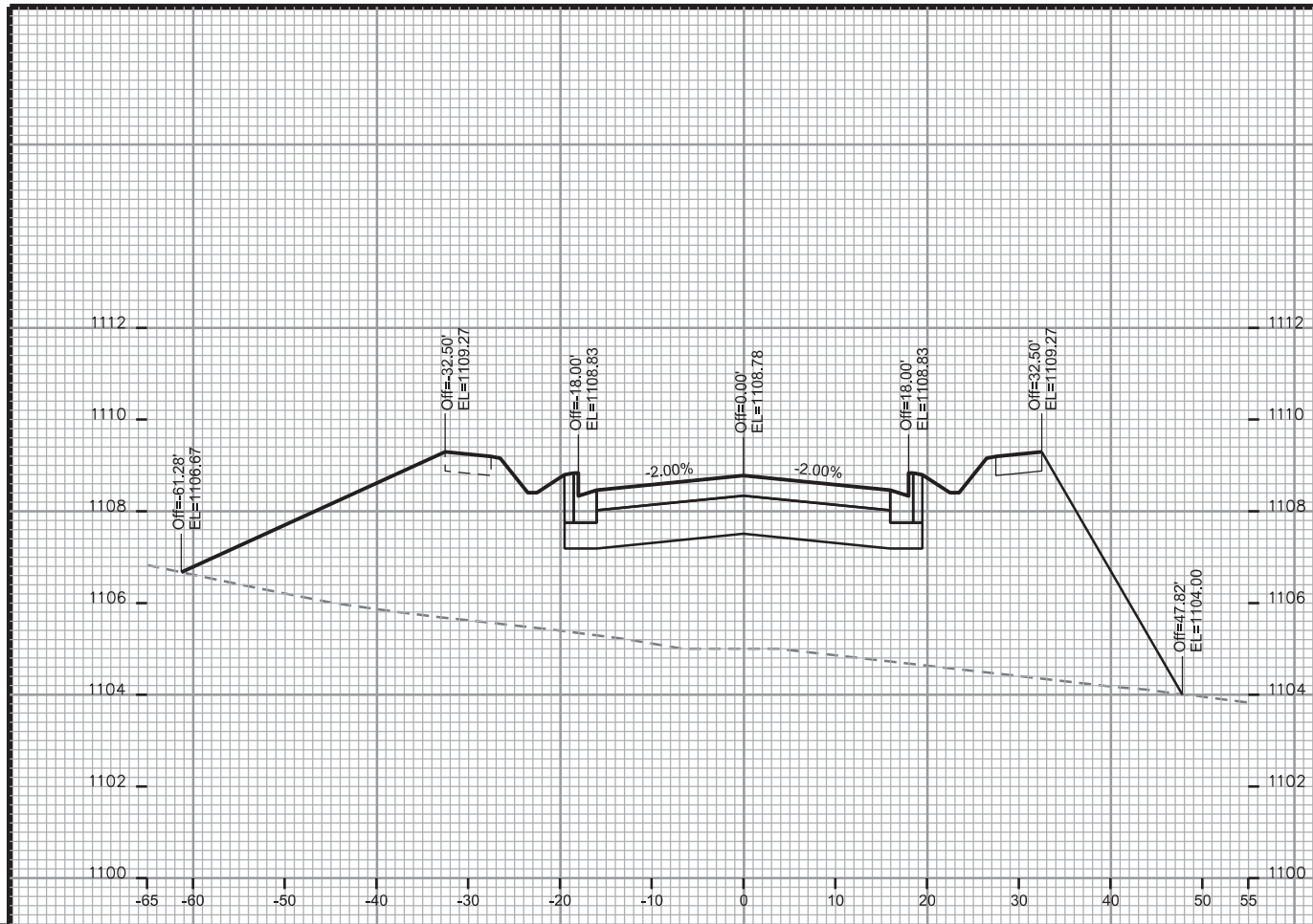
REV. JOHN SAPP 06-24-14

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CROSS SECTIONS

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CITY OF MADISON

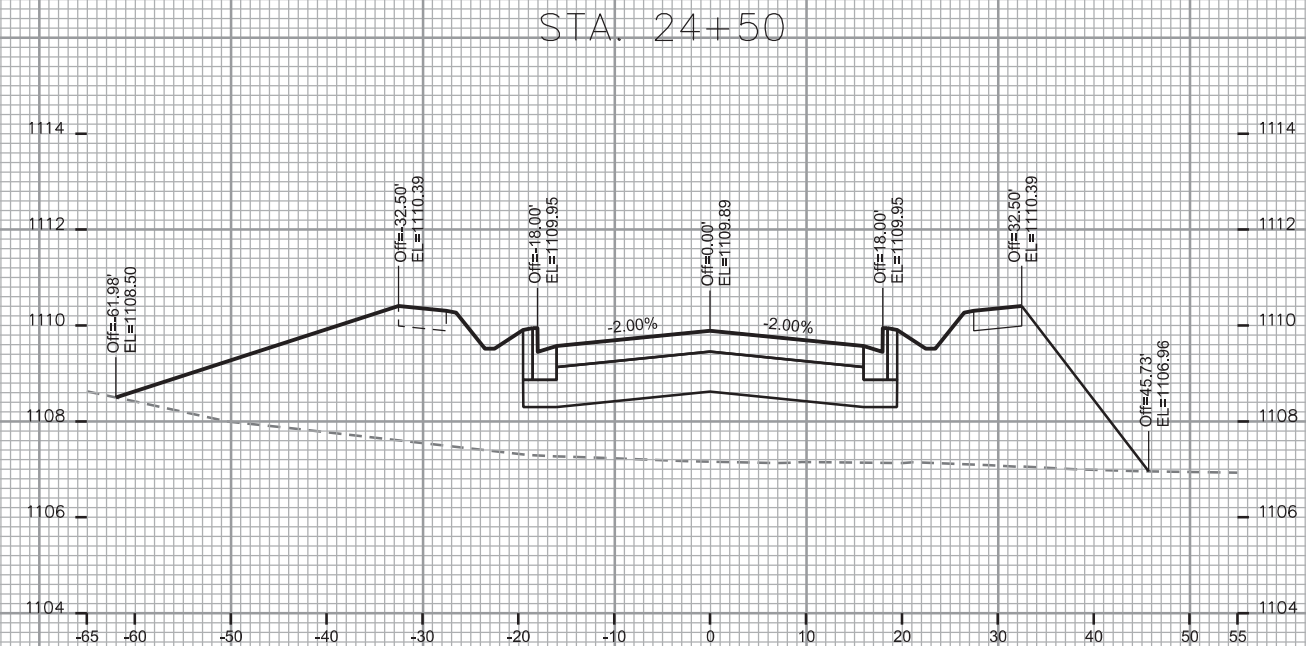
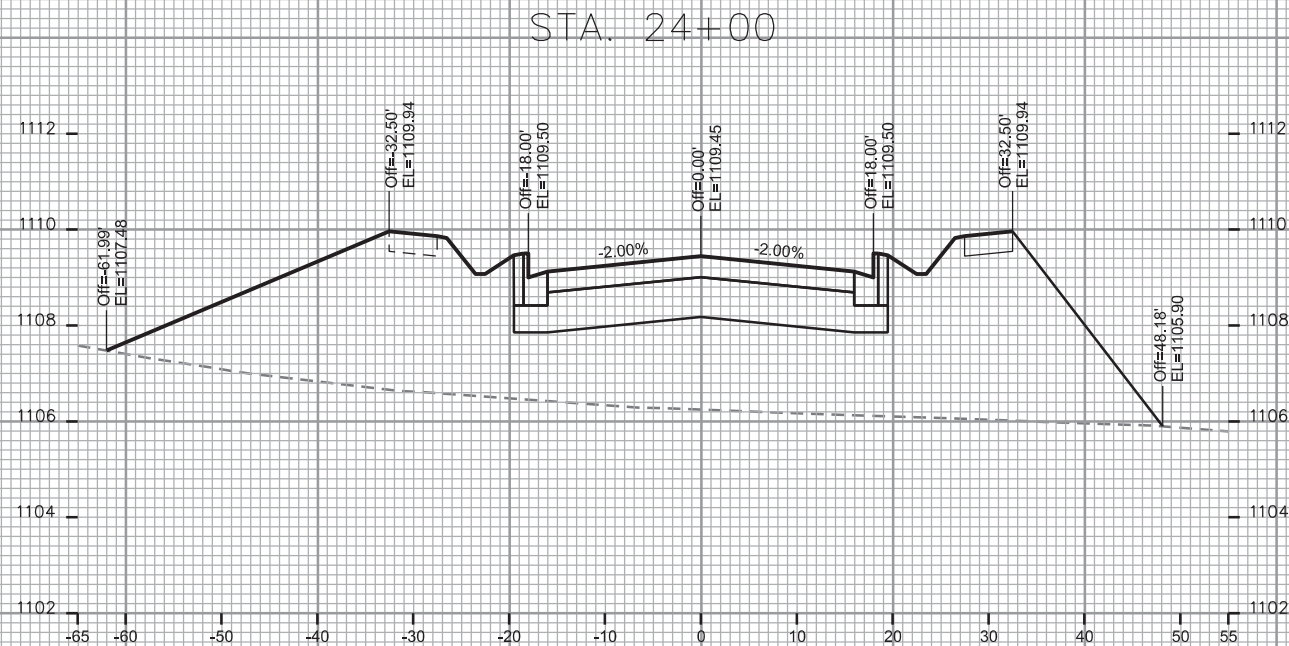
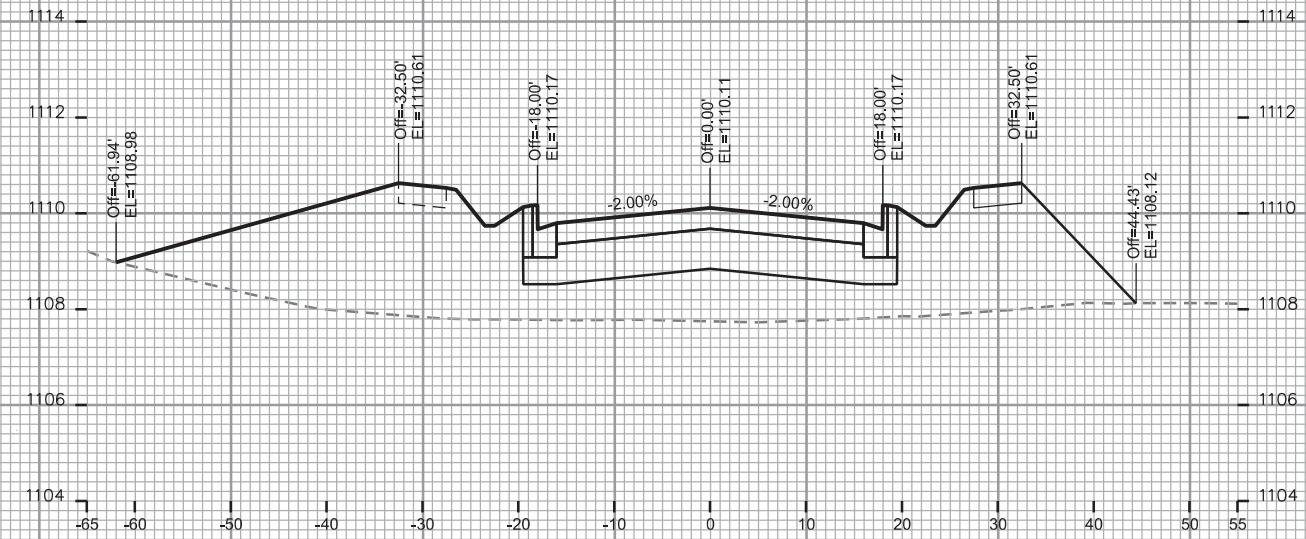
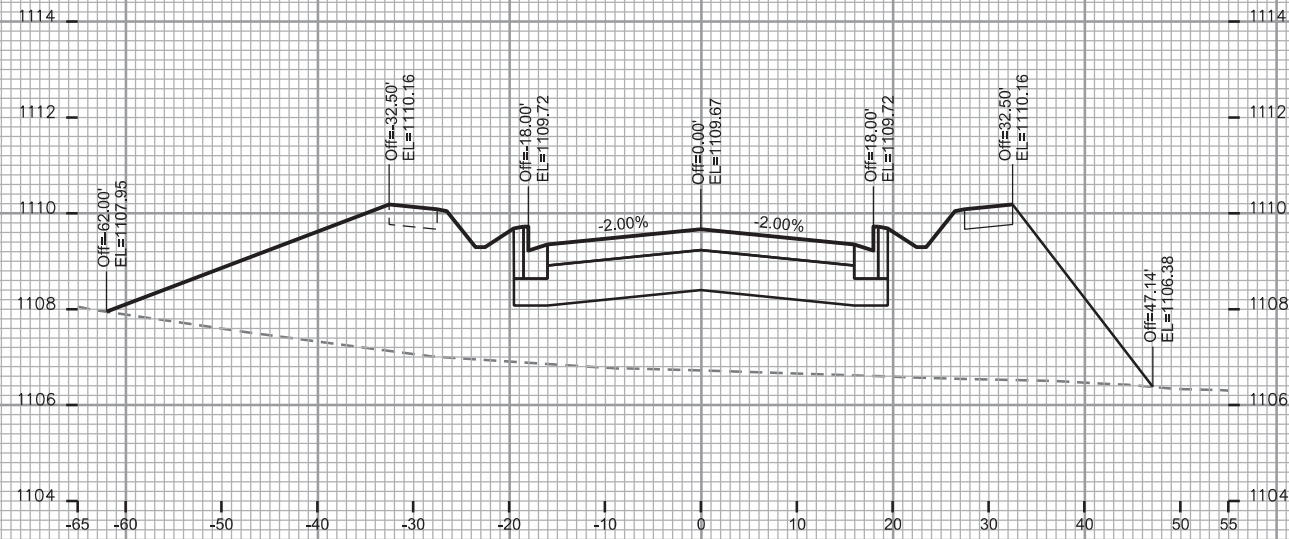
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CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

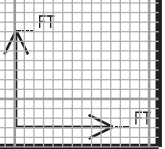
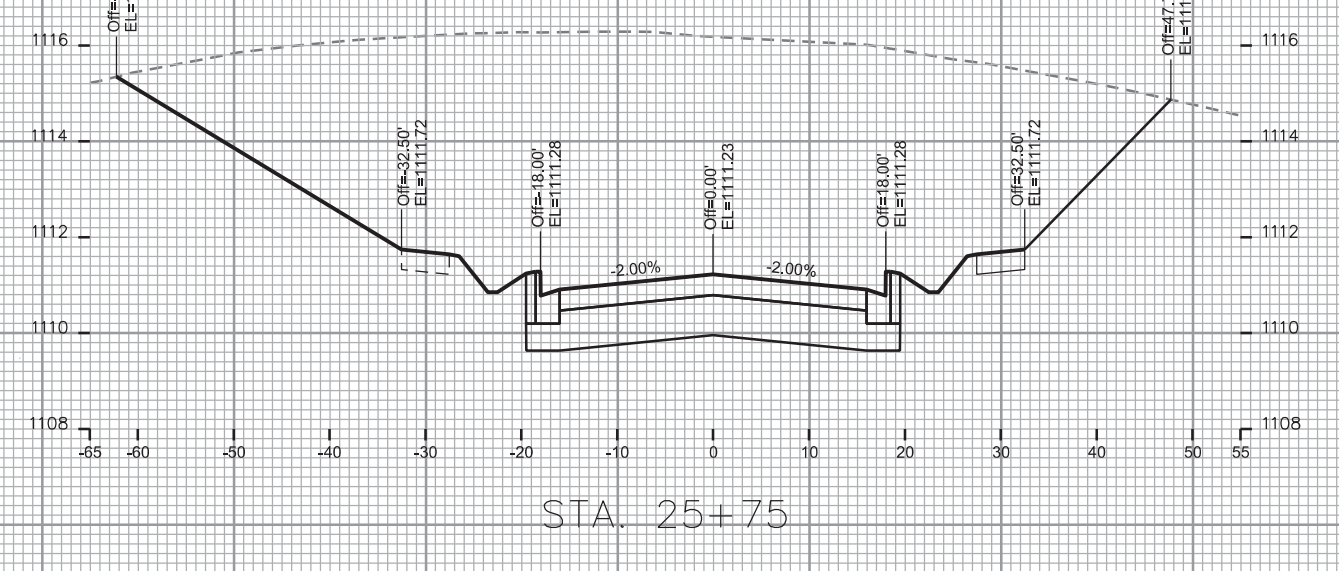
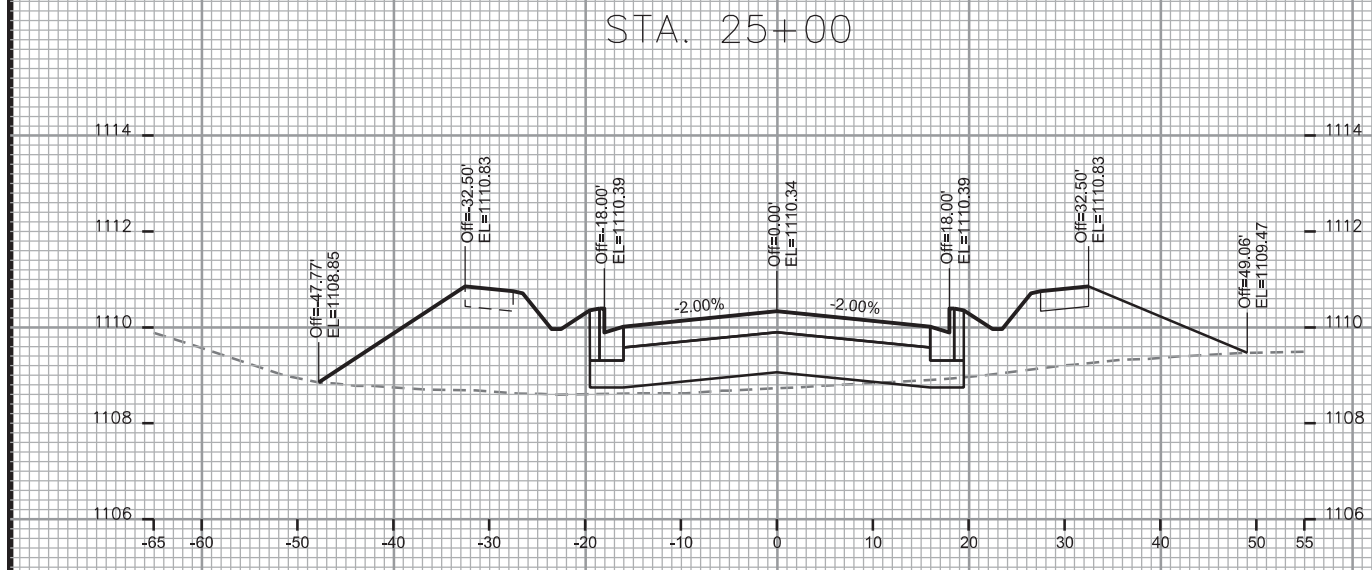
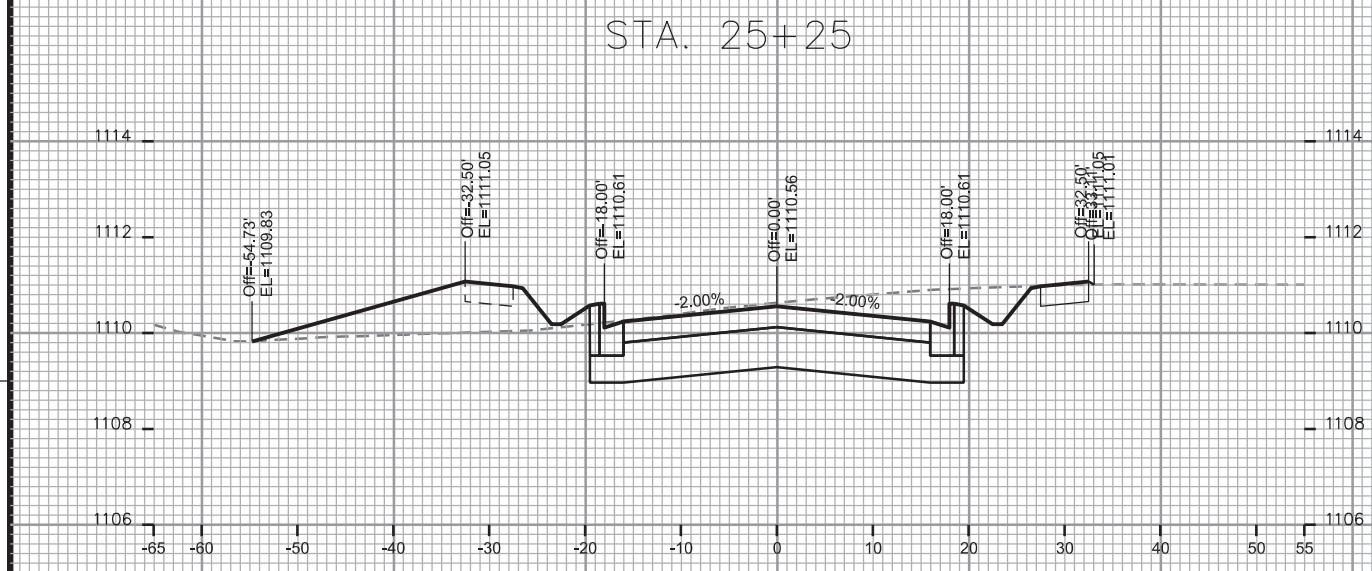
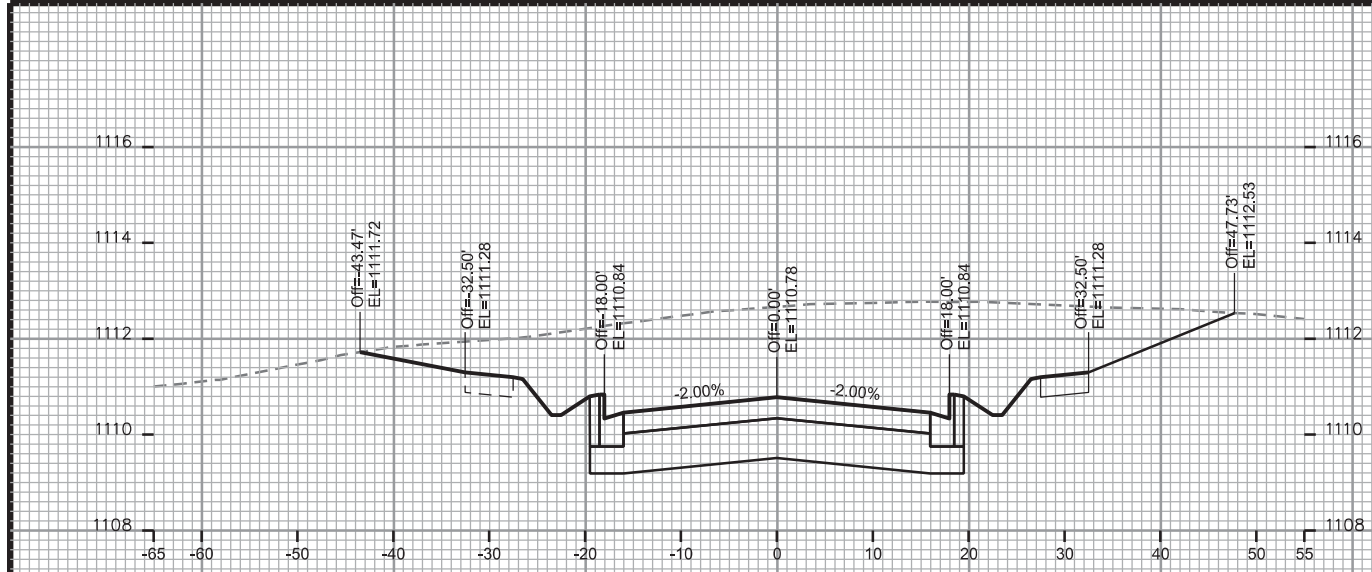
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CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

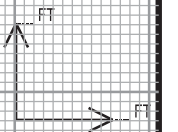
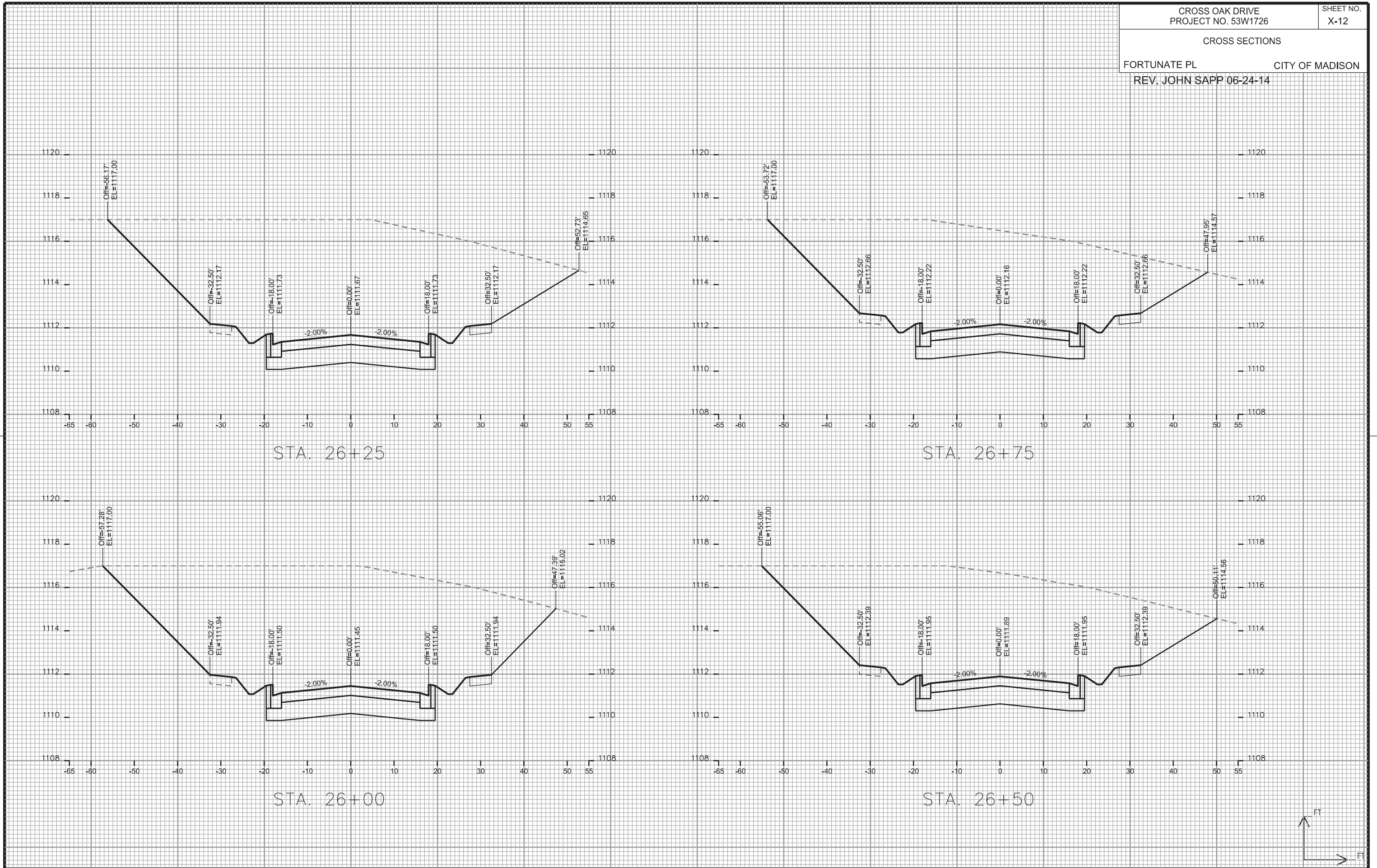
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CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

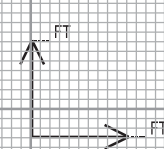
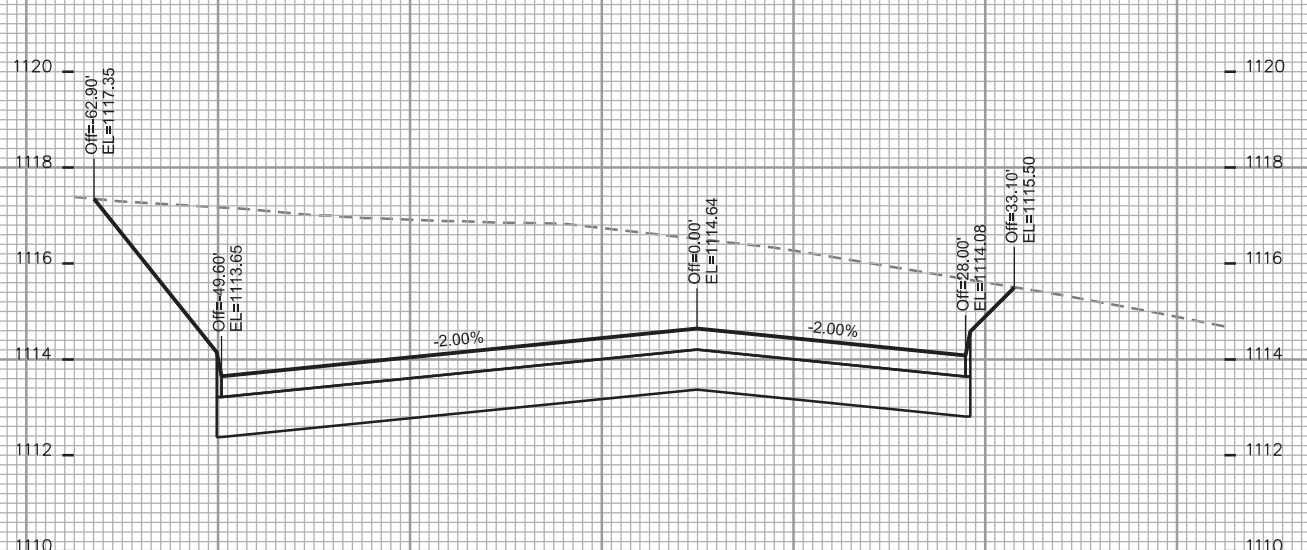
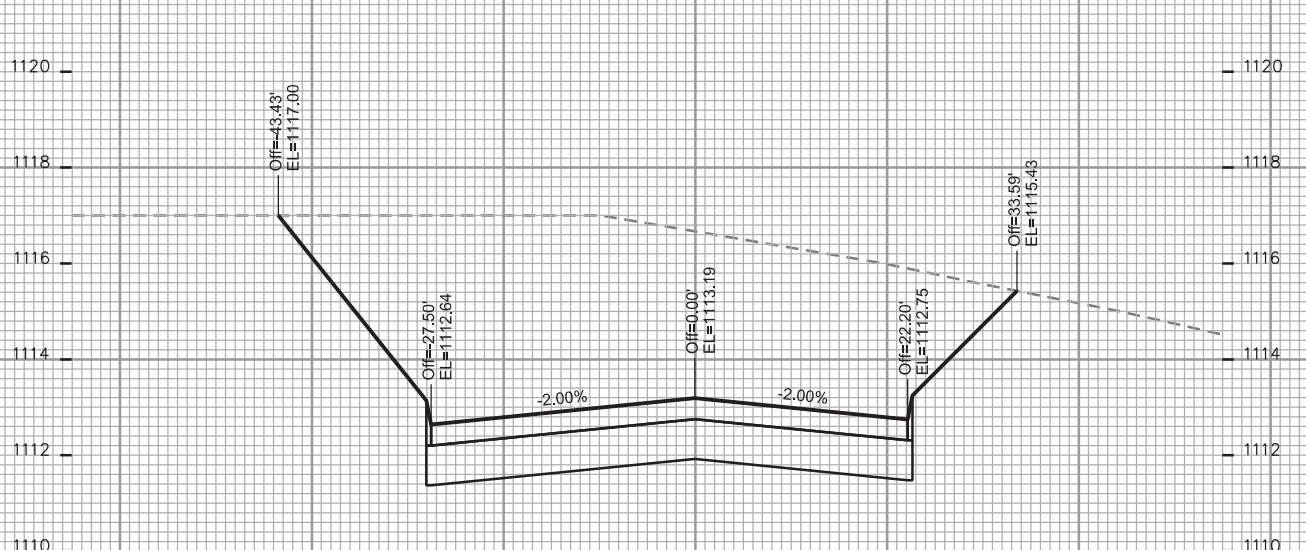
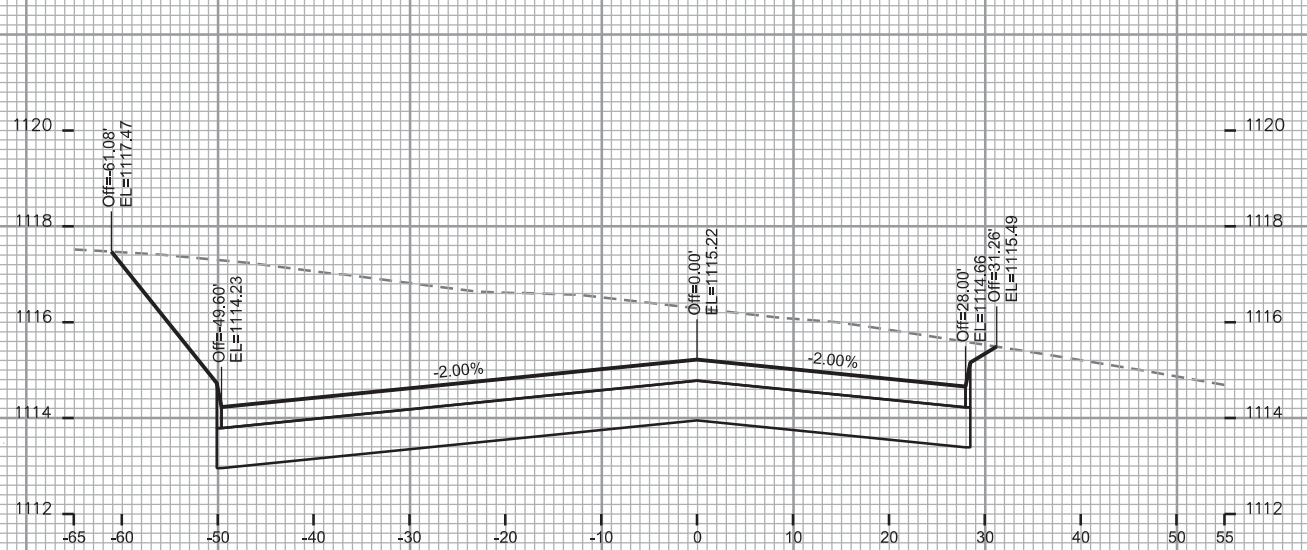
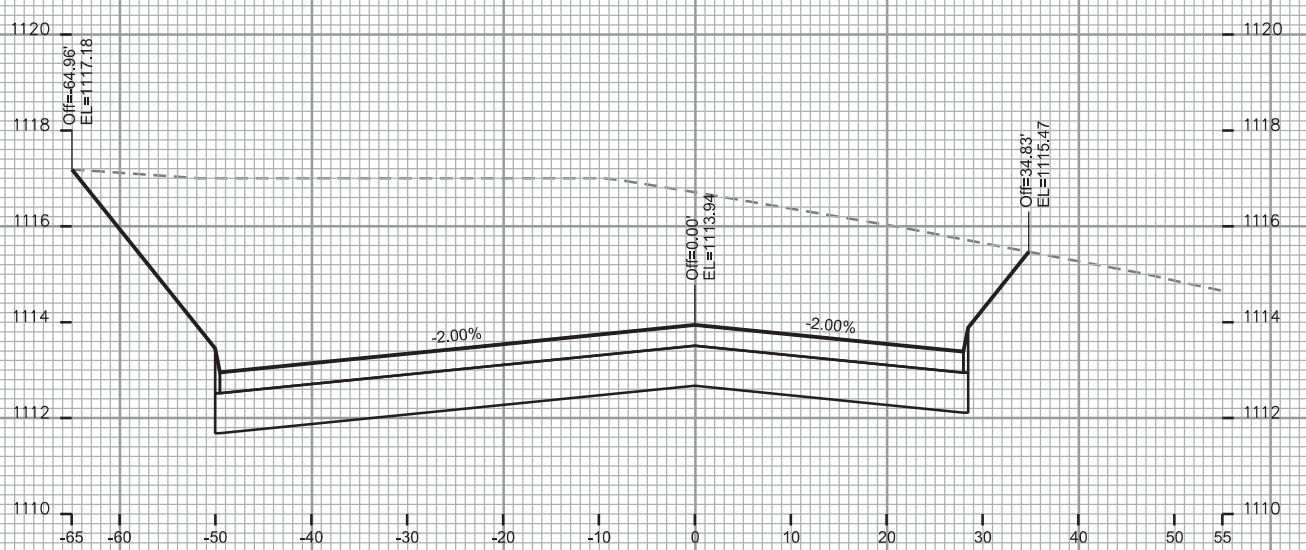
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PLOT SCALE: _____

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REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

SILICON PRAIRIE PKWY

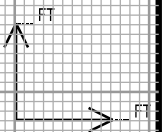
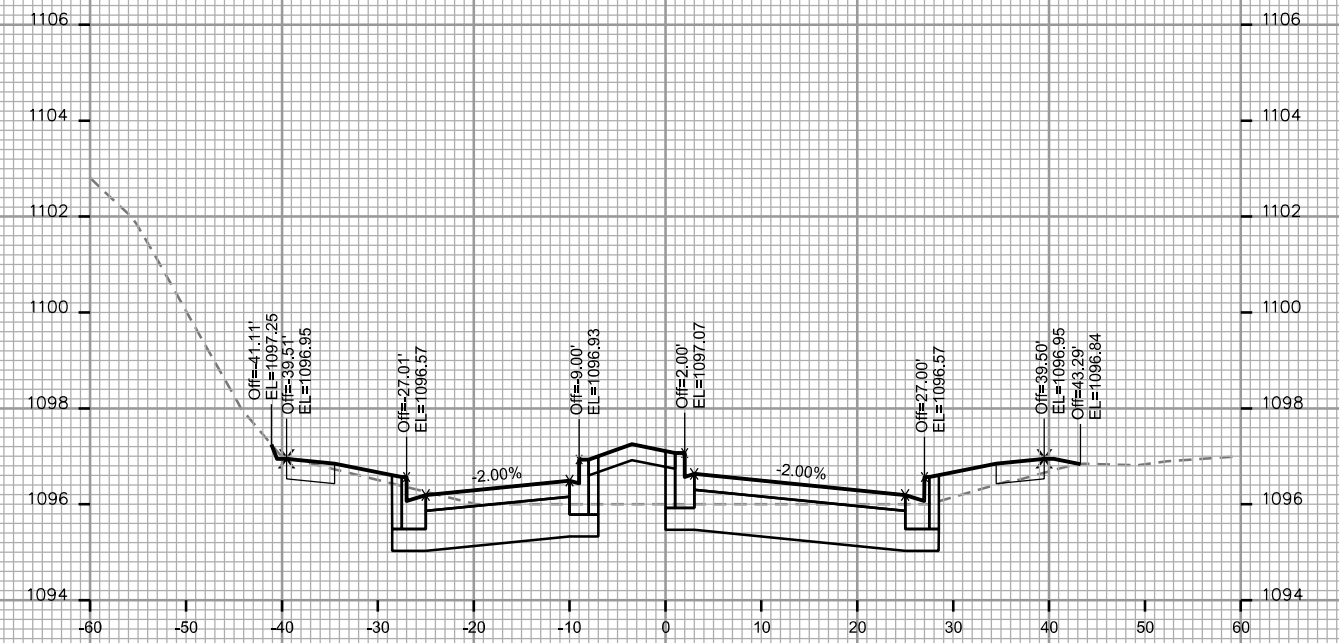
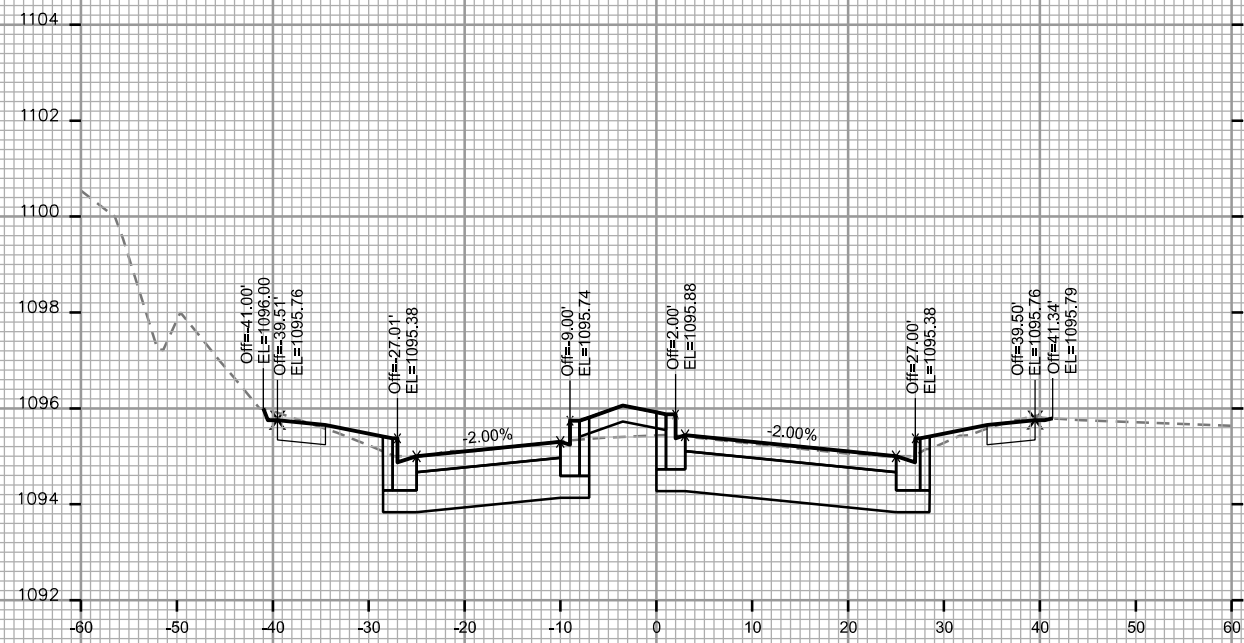
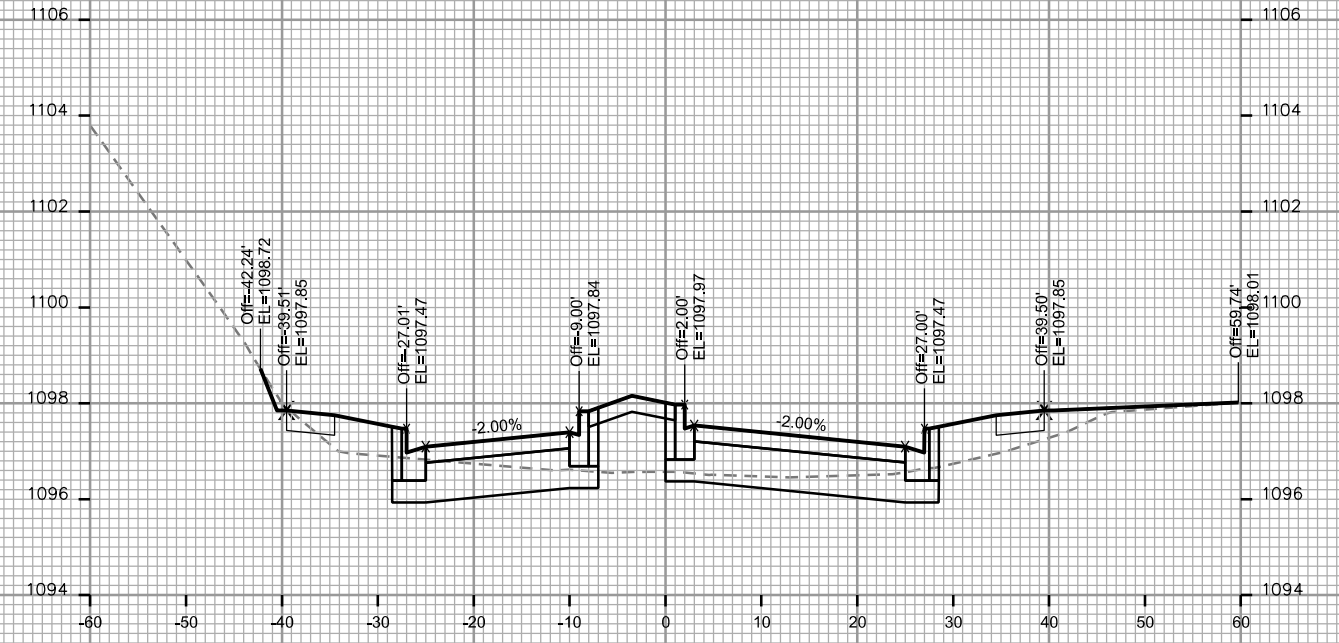
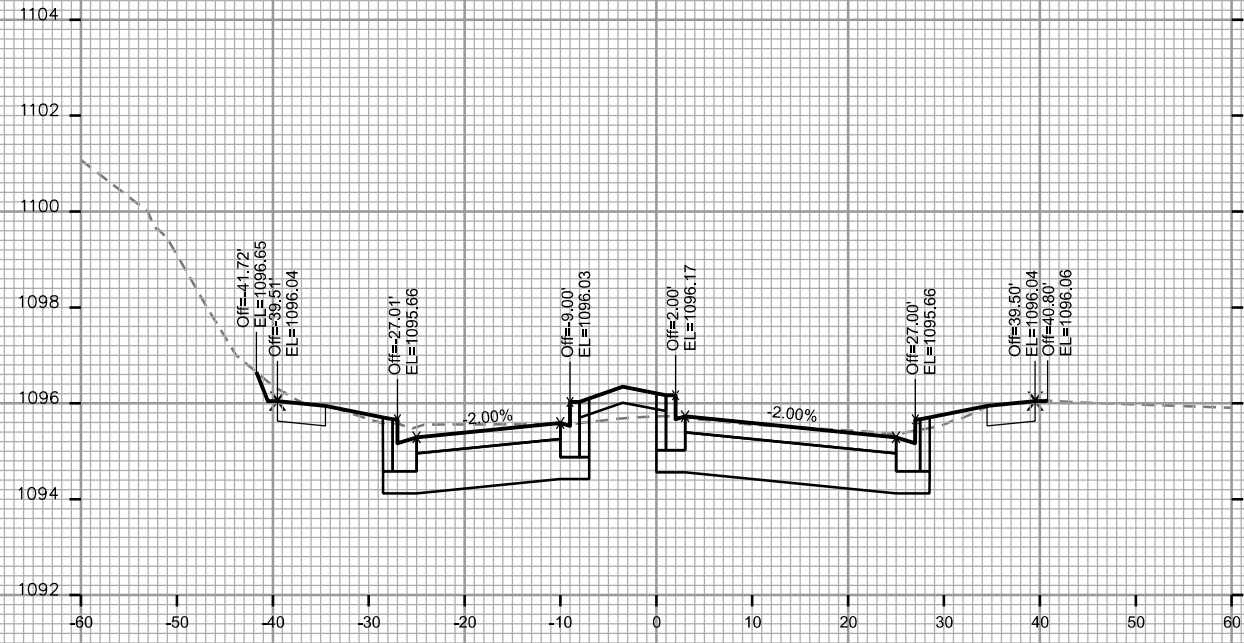
CITY OF MADISON

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CROSS SECTIONS

SILICON PRAIRIE PKWY

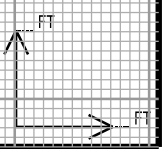
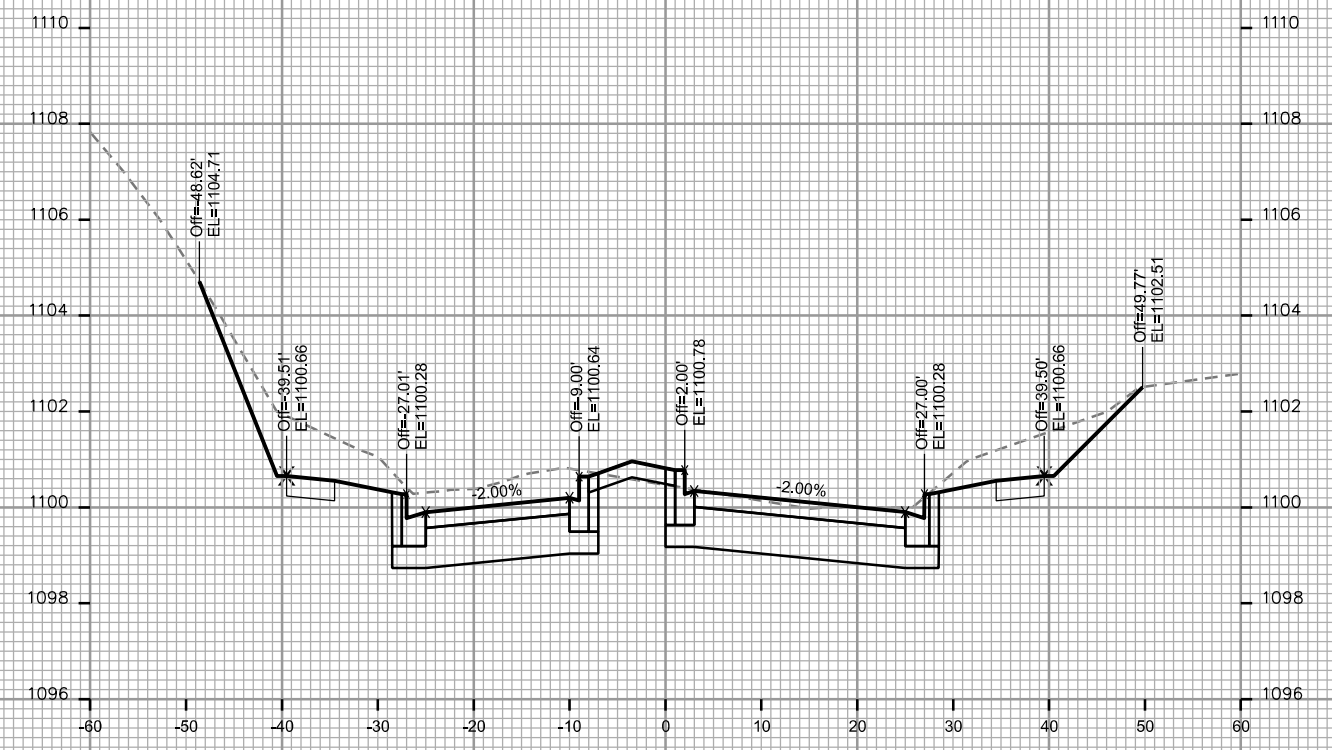
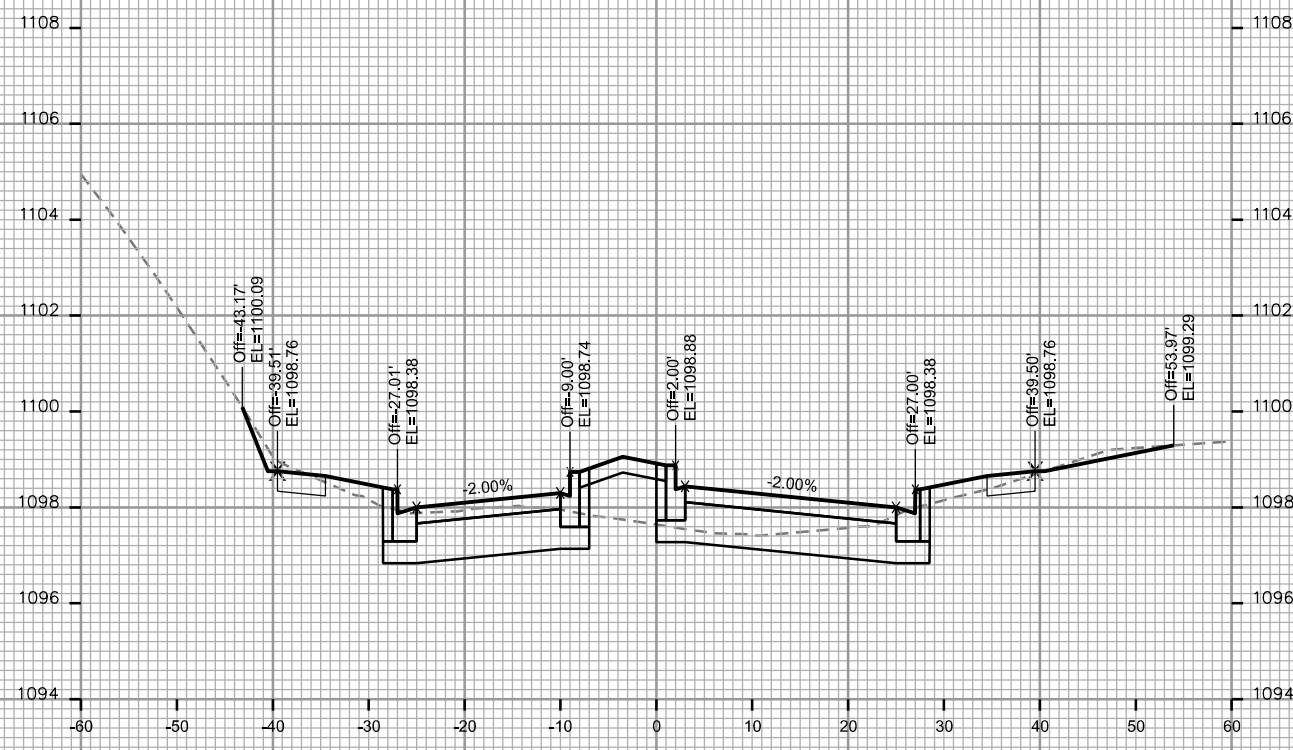
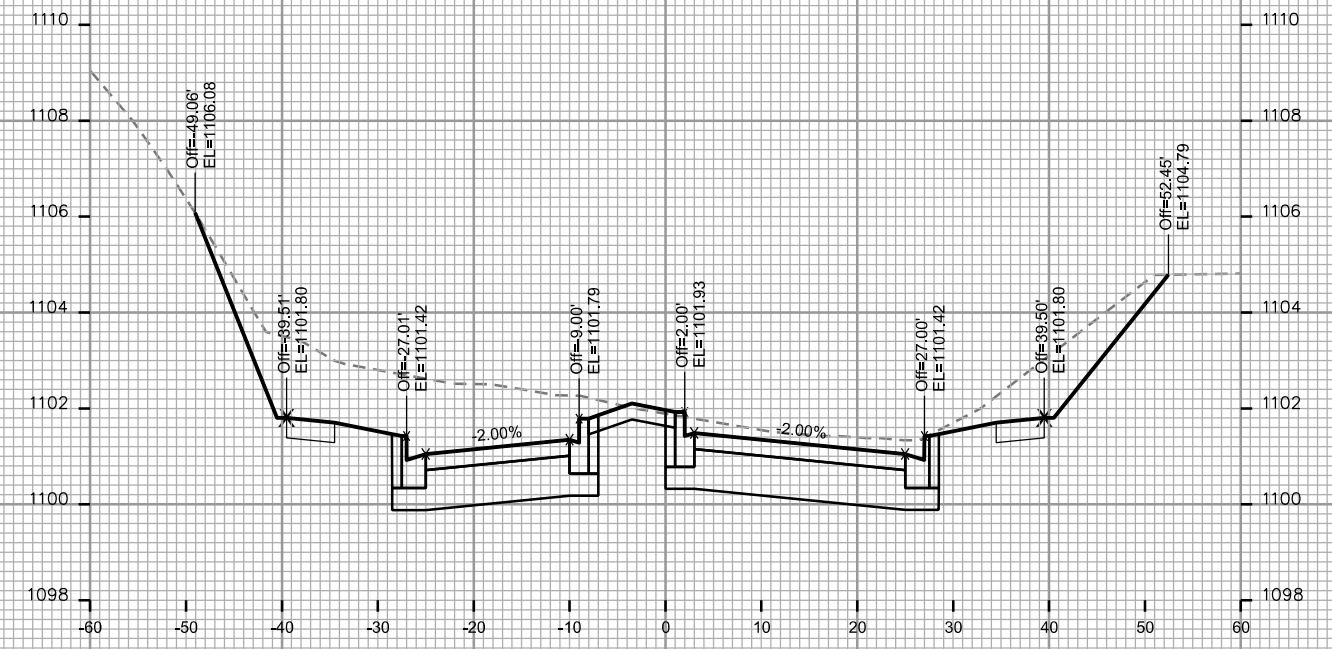
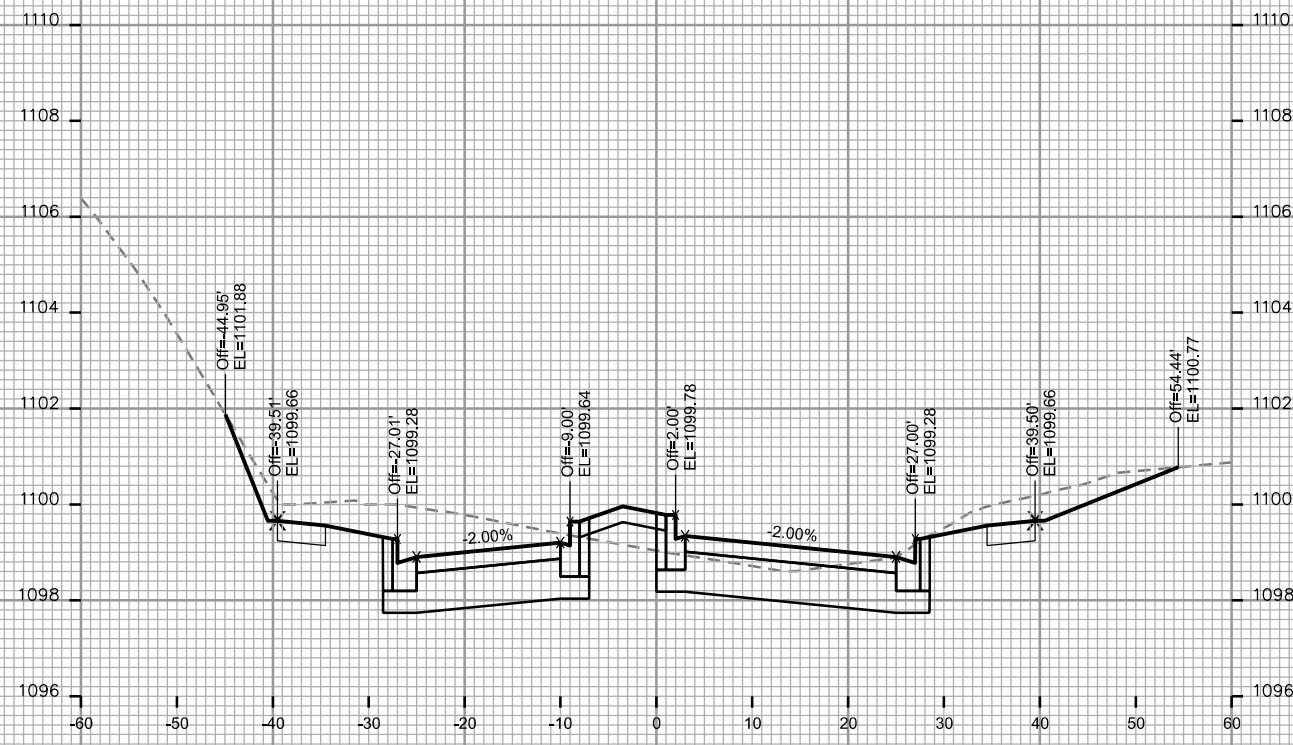
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CROSS SECTIONS

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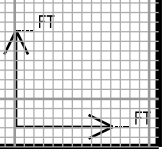
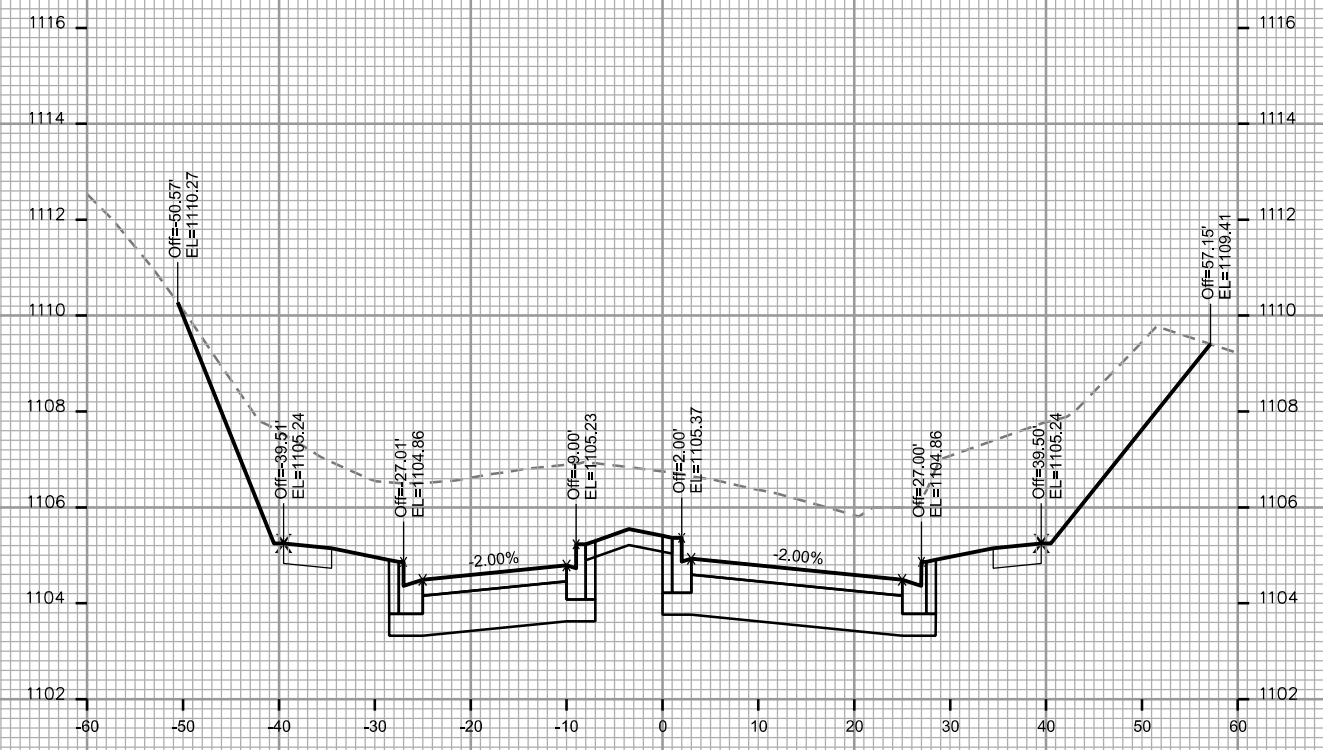
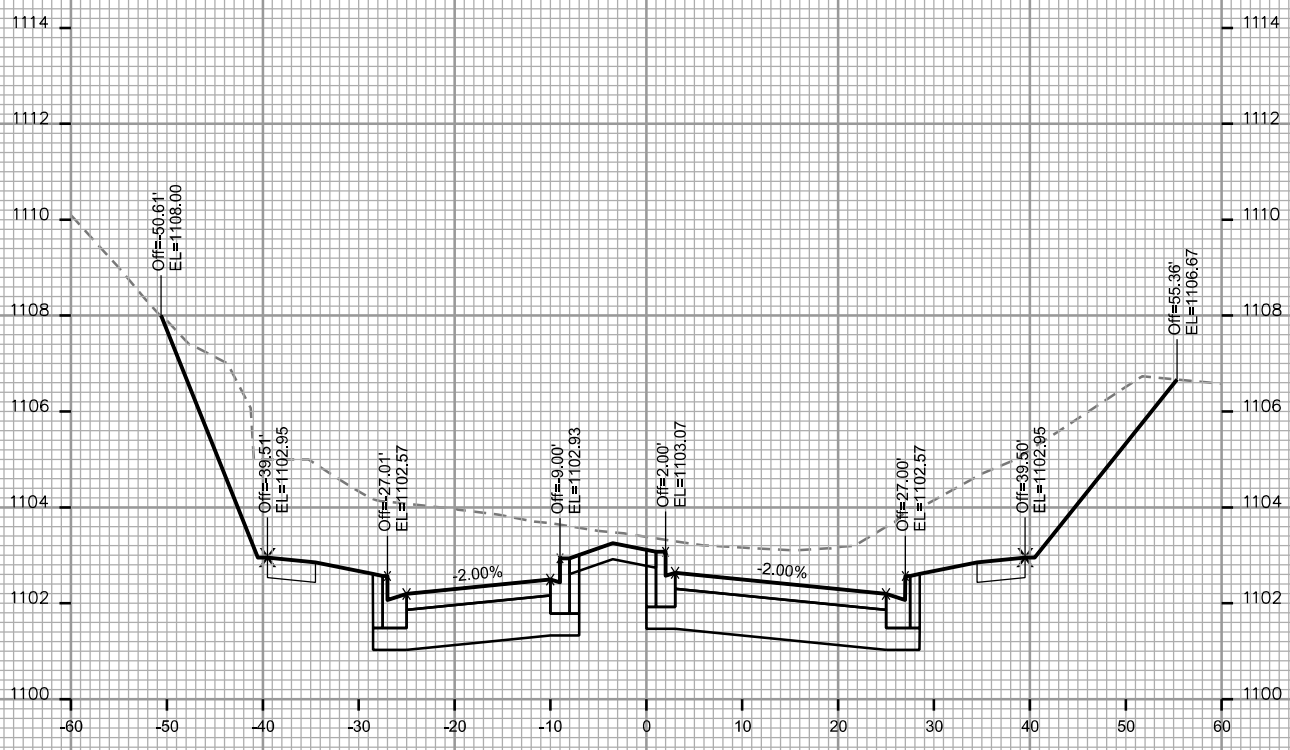
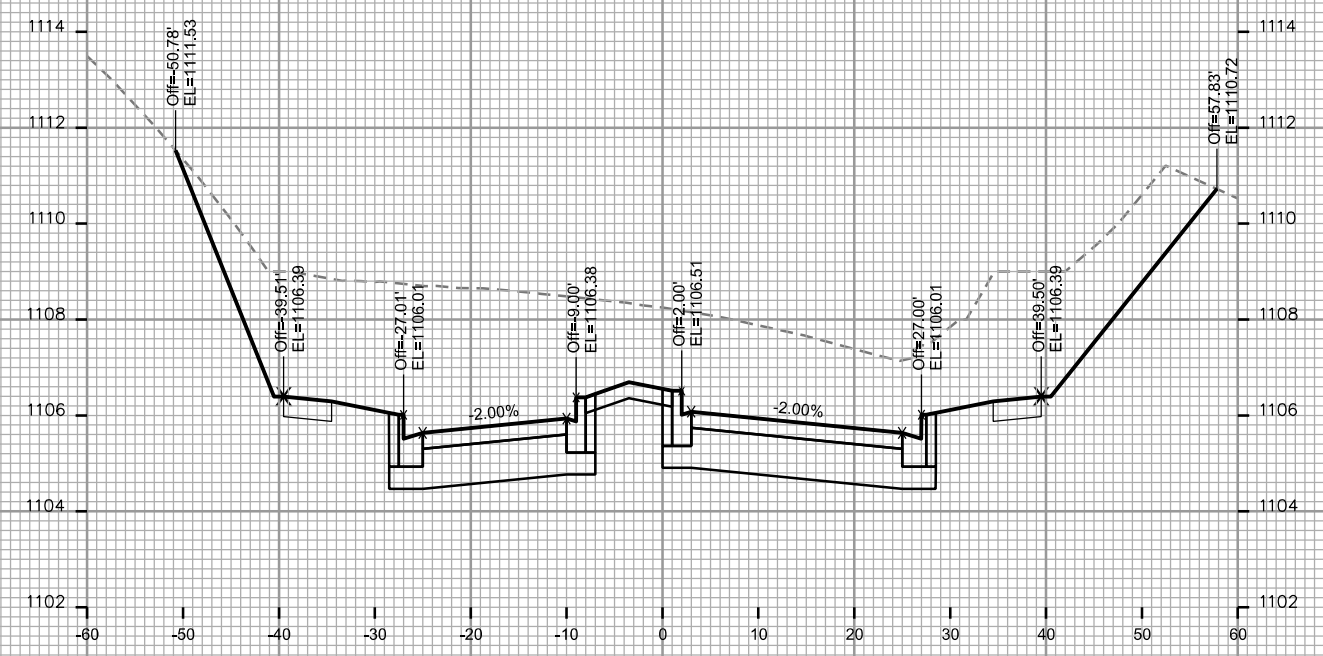
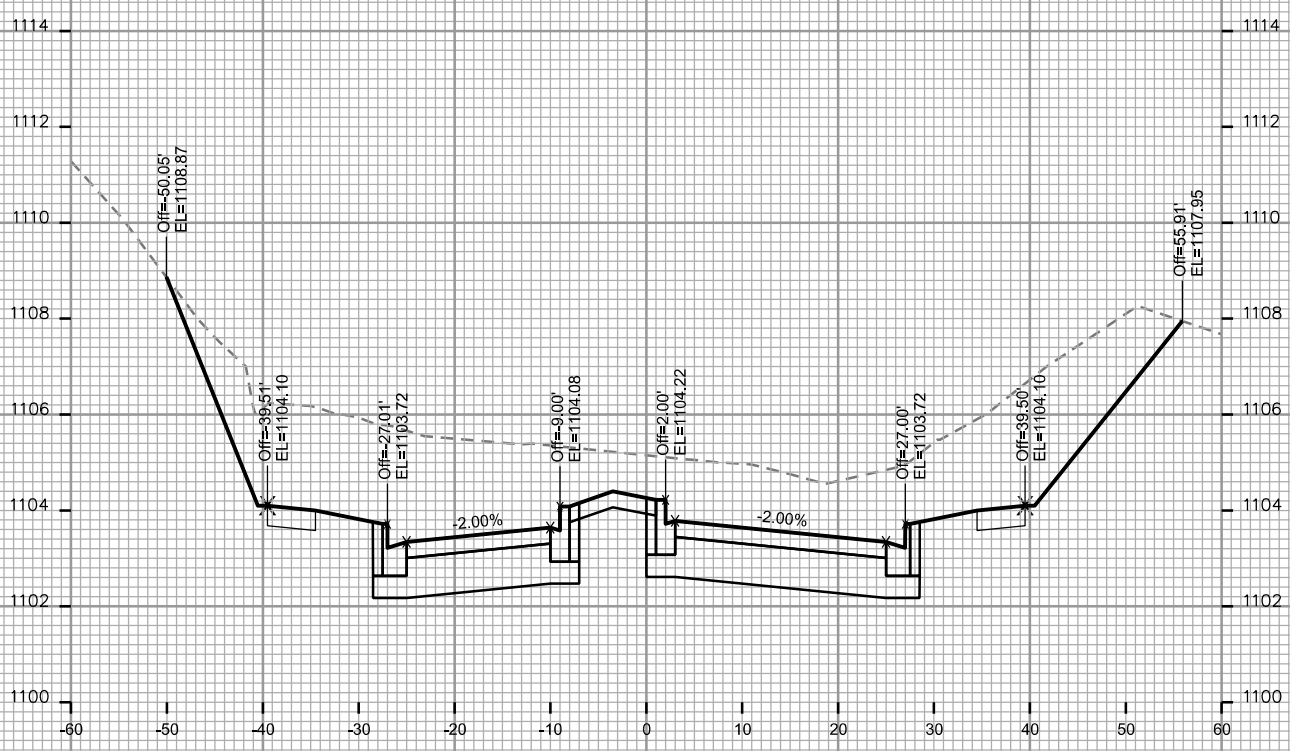
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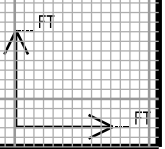
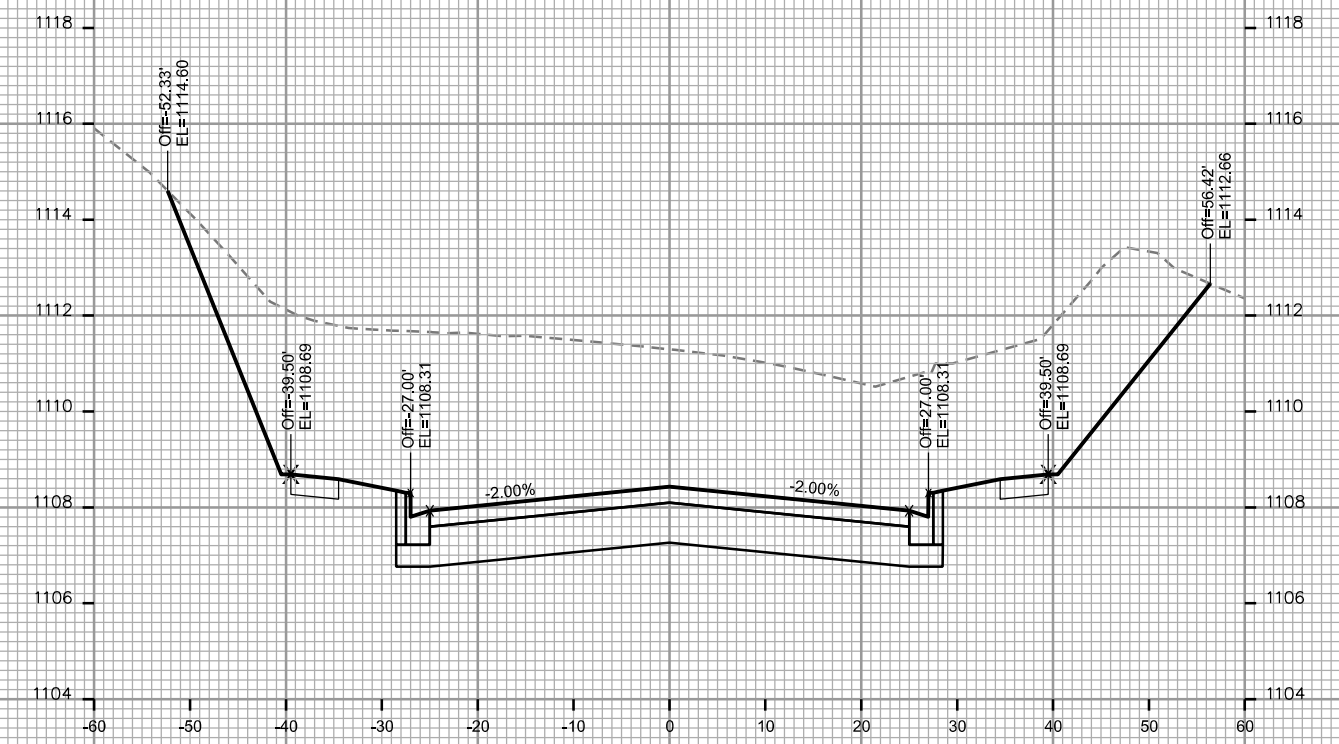
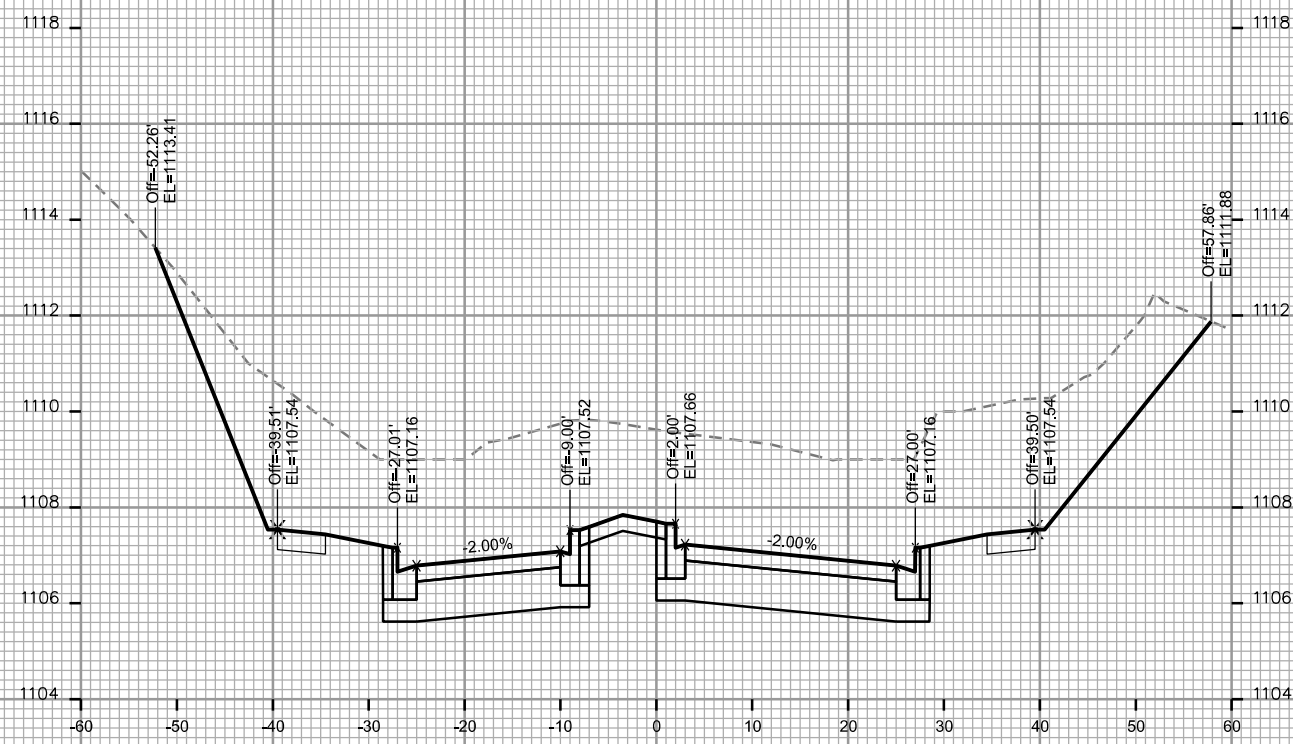
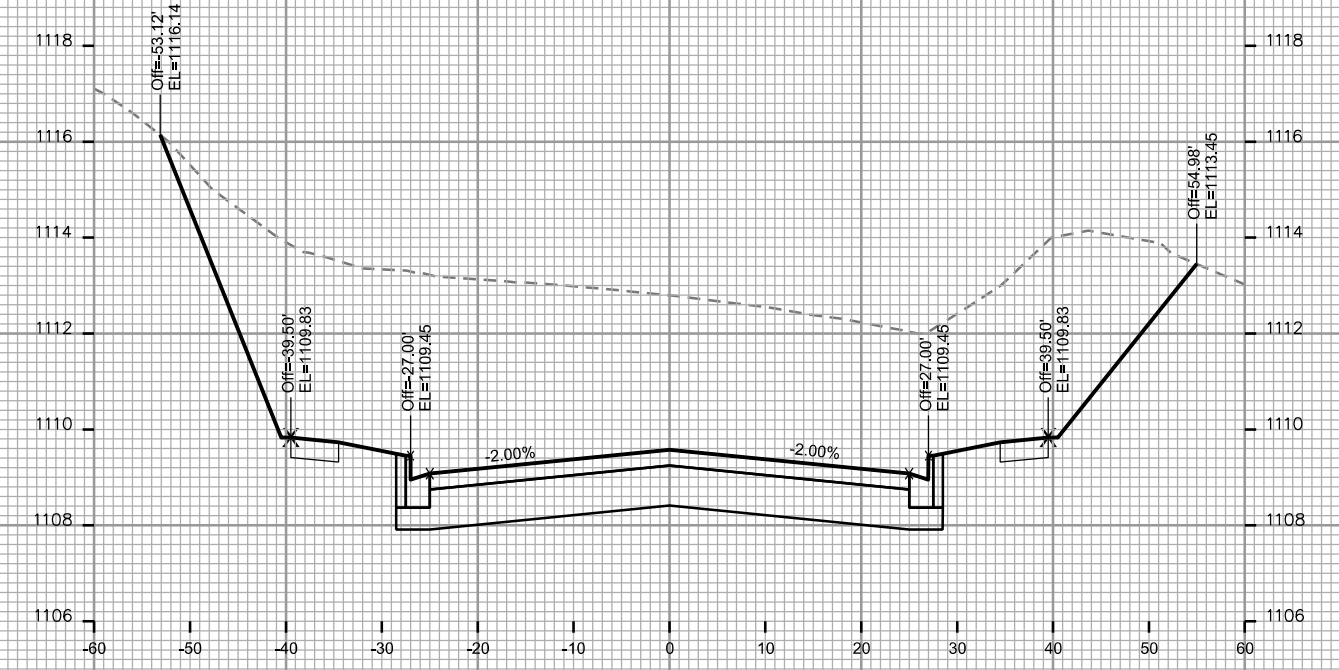
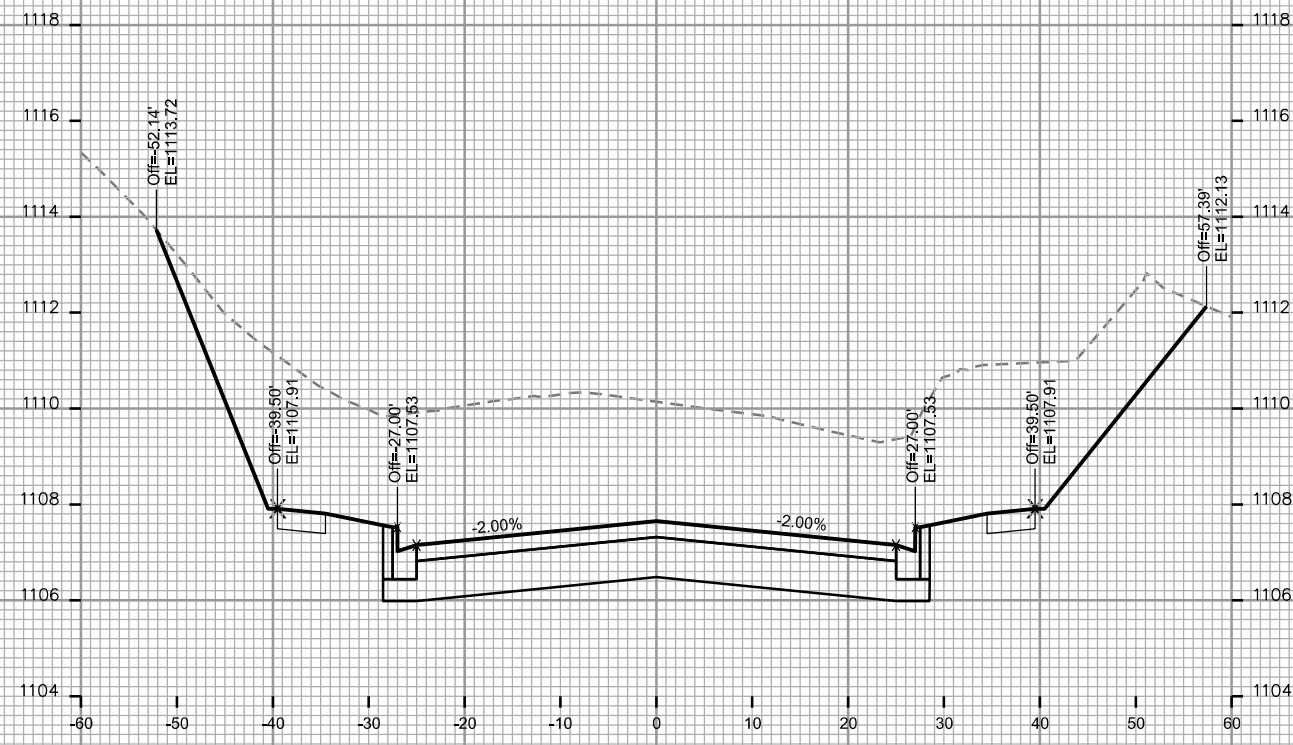
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

SILICON PRAIRIE PKWY

CITY OF MADISON



PLOT SCALE: _____
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

SILICON PRAIRIE PKWY

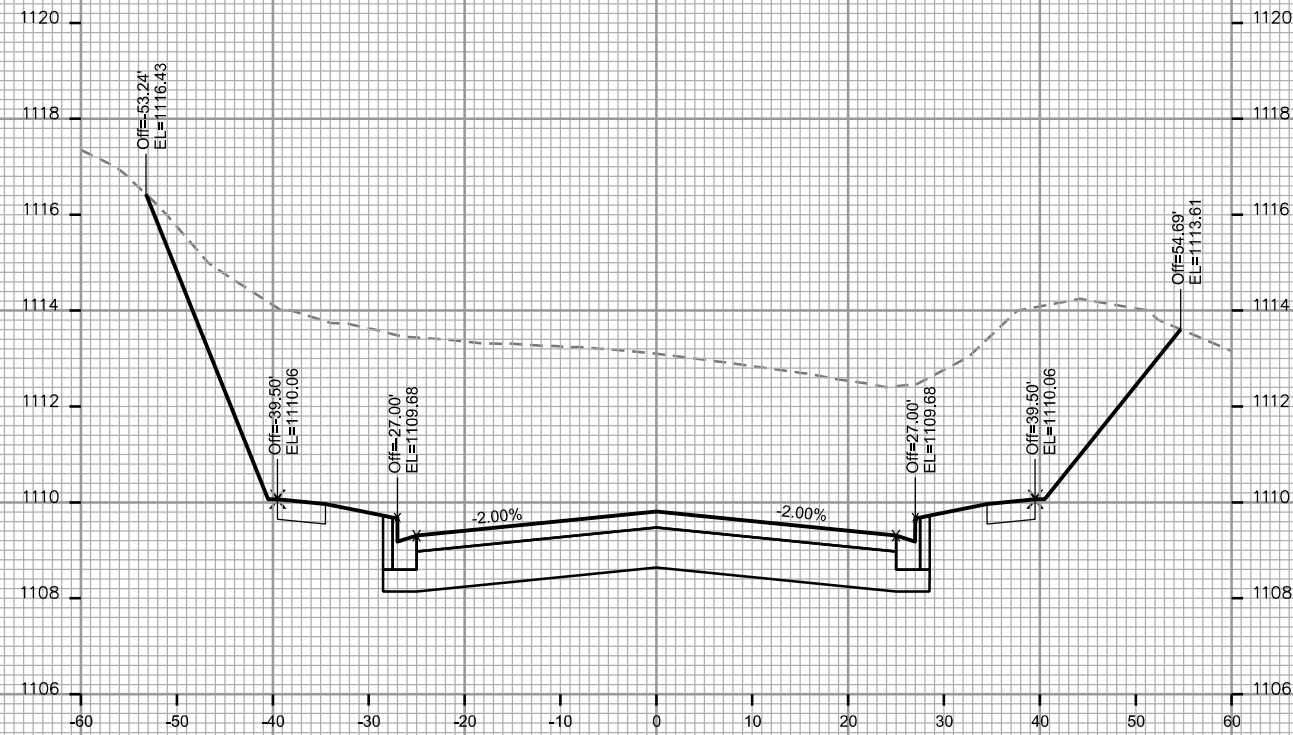
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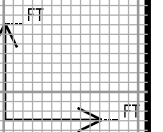
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



STA. 53+55



CROSS SECTIONS

REDAN DR SIDEWALK

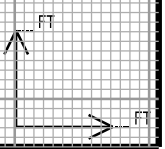
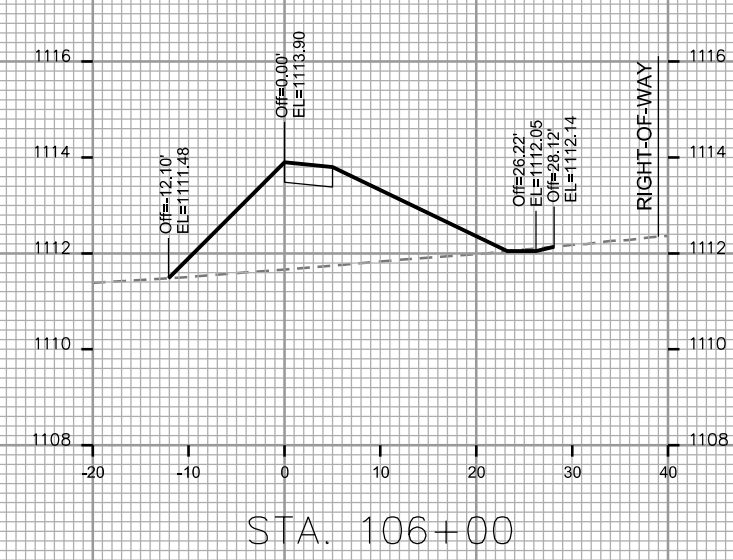
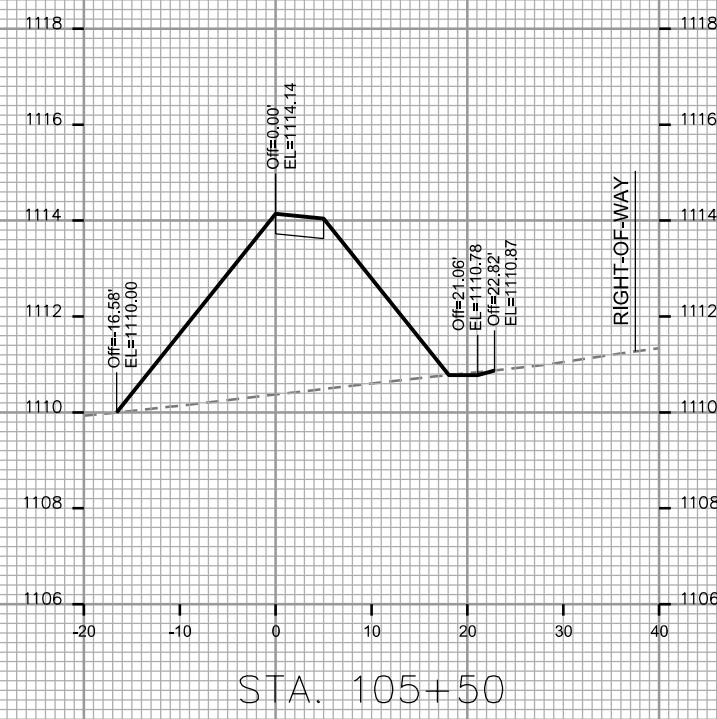
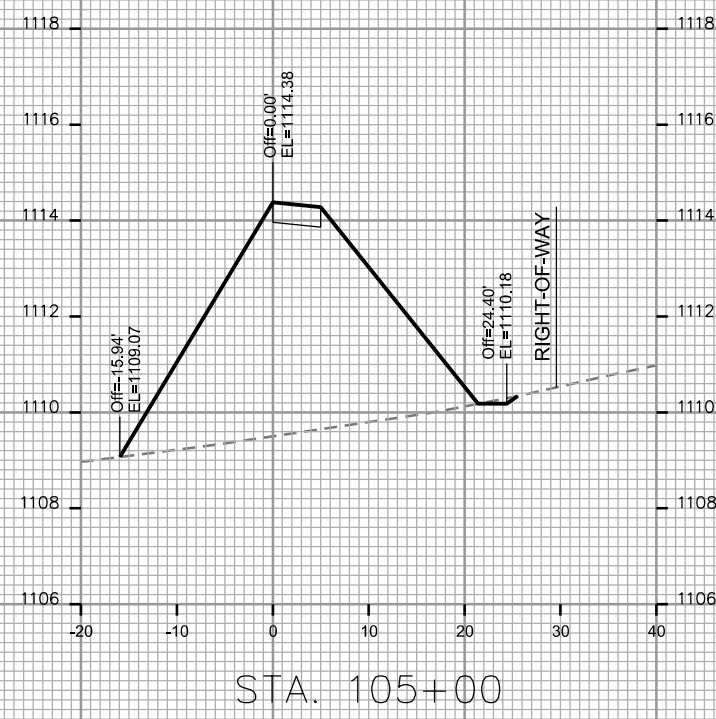
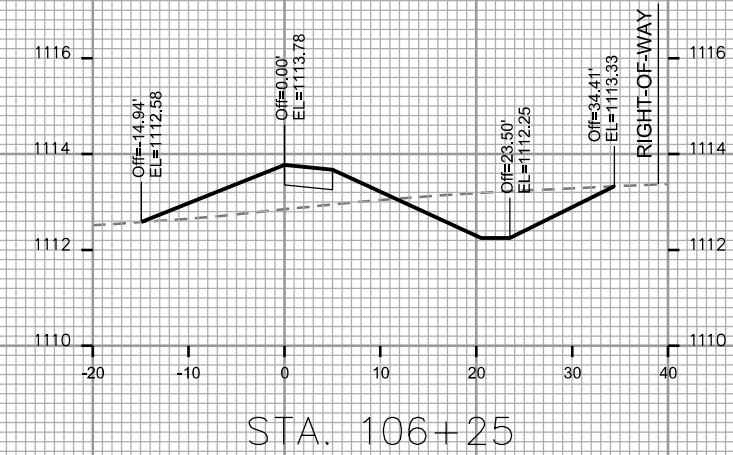
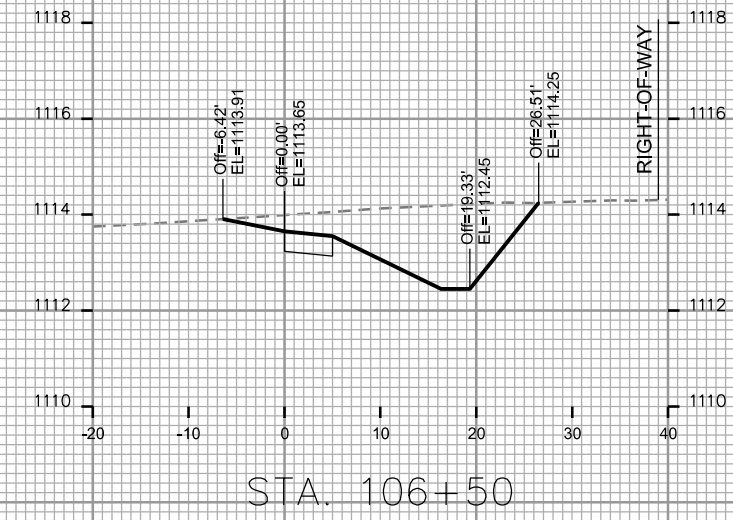
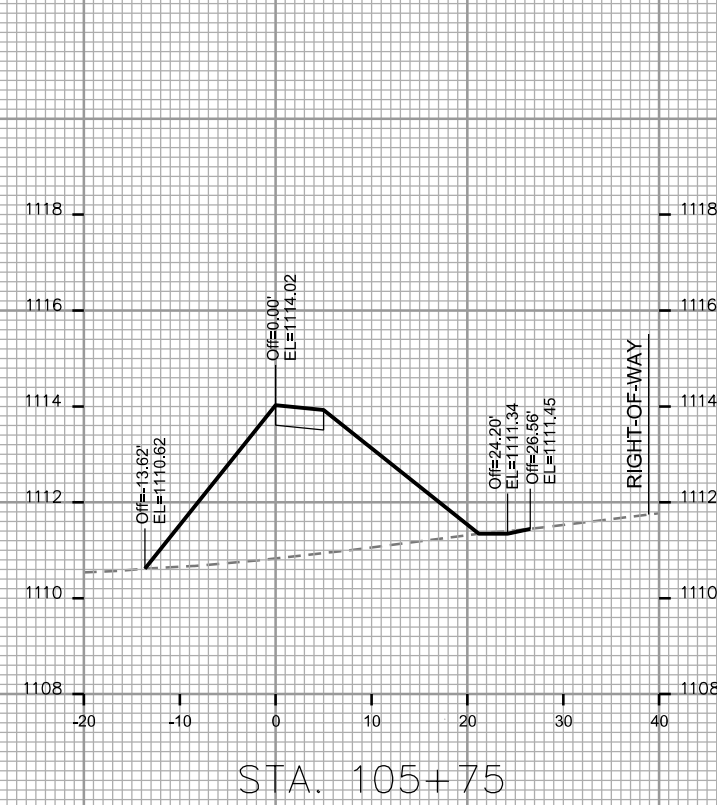
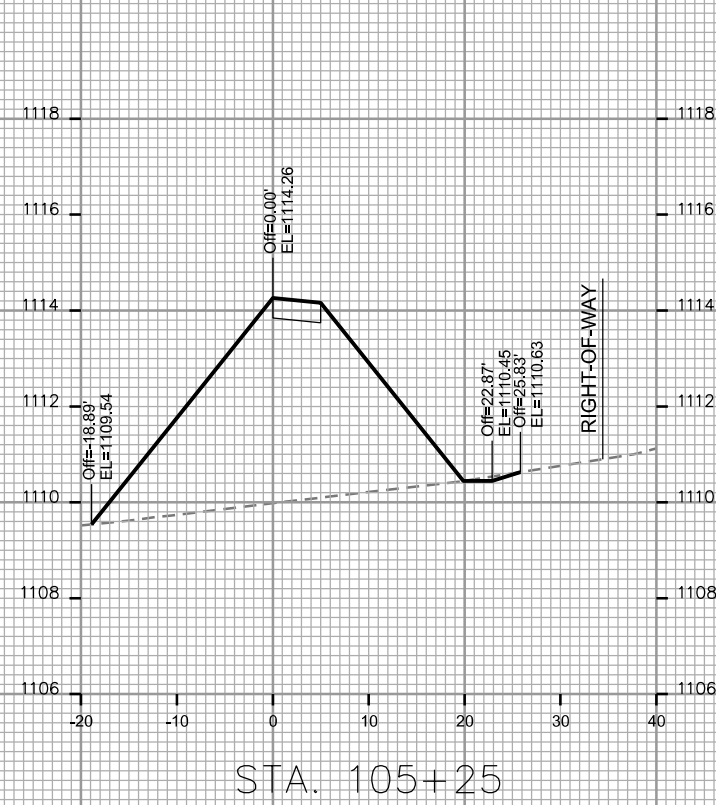
CITY OF MADISON

PLOT SCALE: _____

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CROSS SECTIONS

REDAN DR SIDEWALK

CITY OF MADISON

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