

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

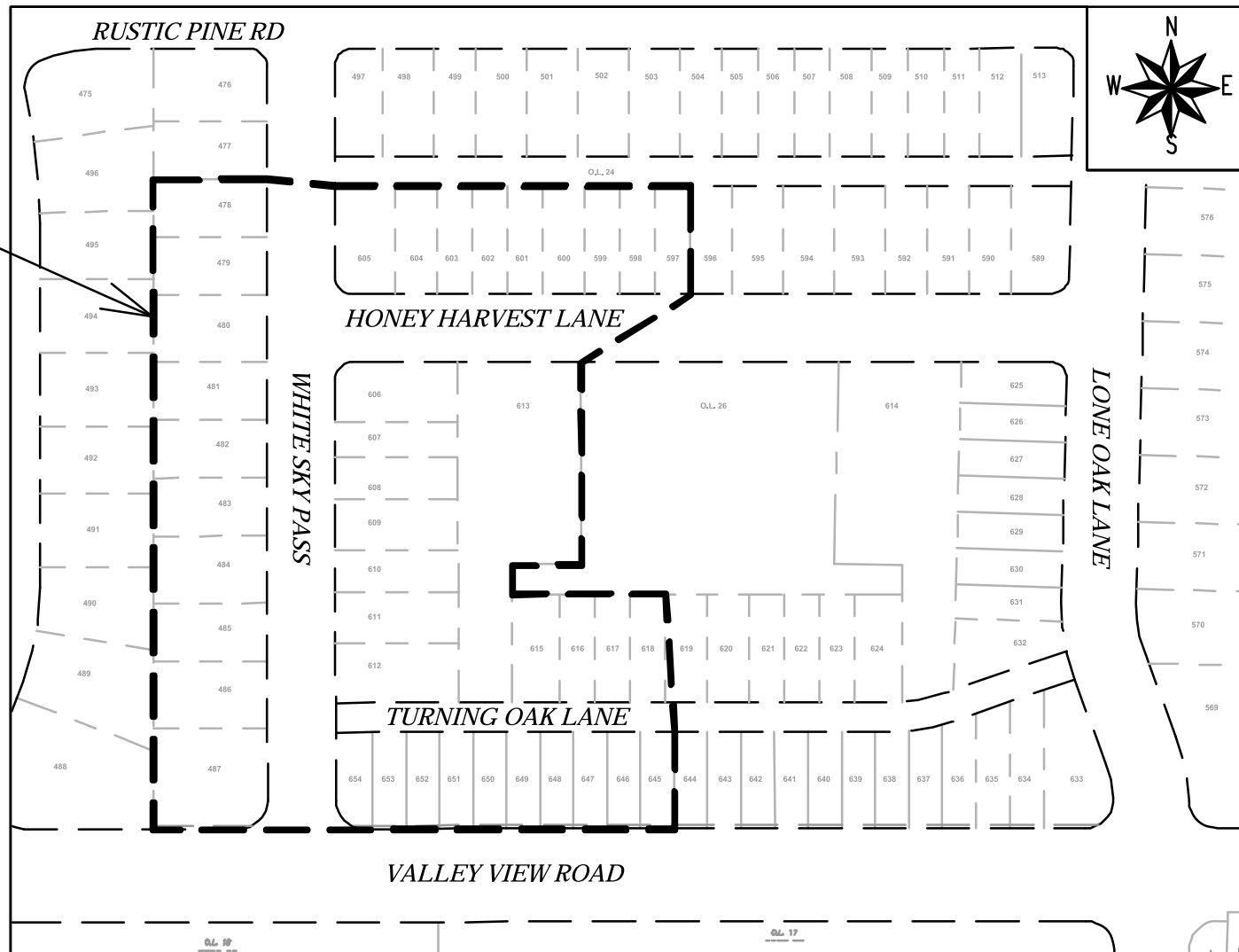
INDEX OF SHEETS

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NO MAINTENANCE PLAN REQUIRED	

ACACIA RIDGE PHASE 9

CITY PROJECT NO. 14432
CONTRACT NO. 9260

PHASE
LIMITS



PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE: JUNE 20, 2023

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Janet Schmidt

Aug 10, 2023

City Engineer

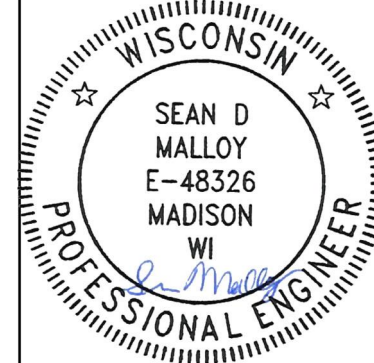
Date

STREET
DESIGNED BY:



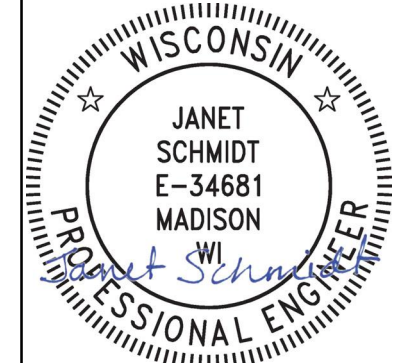
Aug 8, 2023

GEOMETRICS
DESIGNED BY:



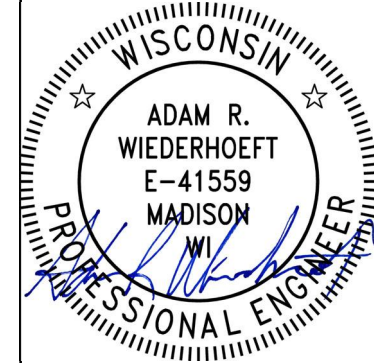
Aug 8, 2023

STORM SEWER
DESIGNED BY:



Aug 8, 2023

WATER
DESIGNED BY:



Aug 9, 2023

SANITARY SEWER
DESIGNED BY:



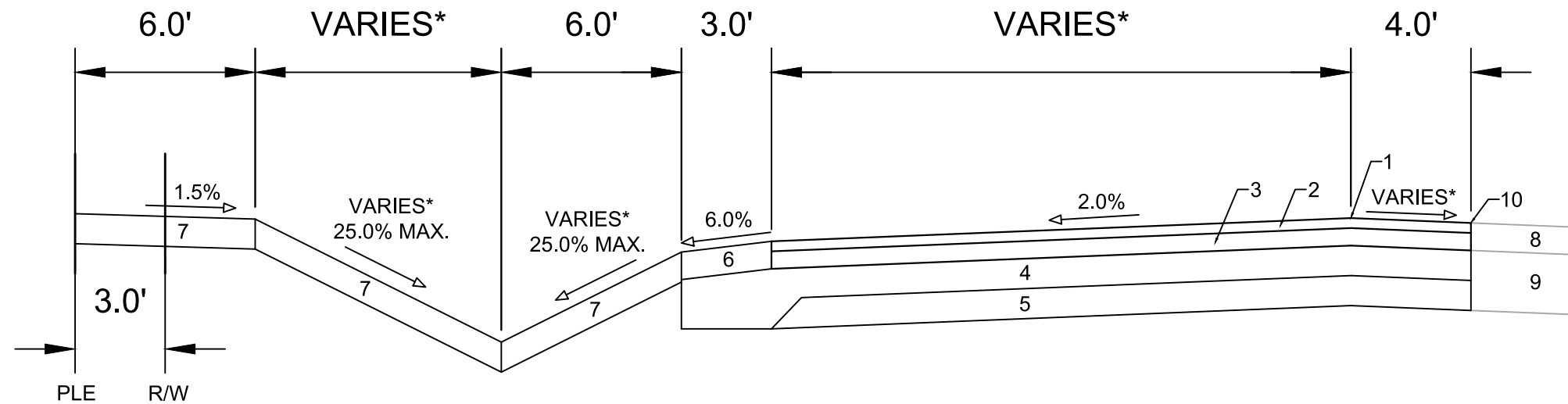
Aug 8, 2023

PLOT SCALE: 1 IN=1 FT_XREF

PLOT NAME: ---

REV. DATE: 7/31/2023 8:10 AM

ORIGINATOR: CITY_OF_MADISON

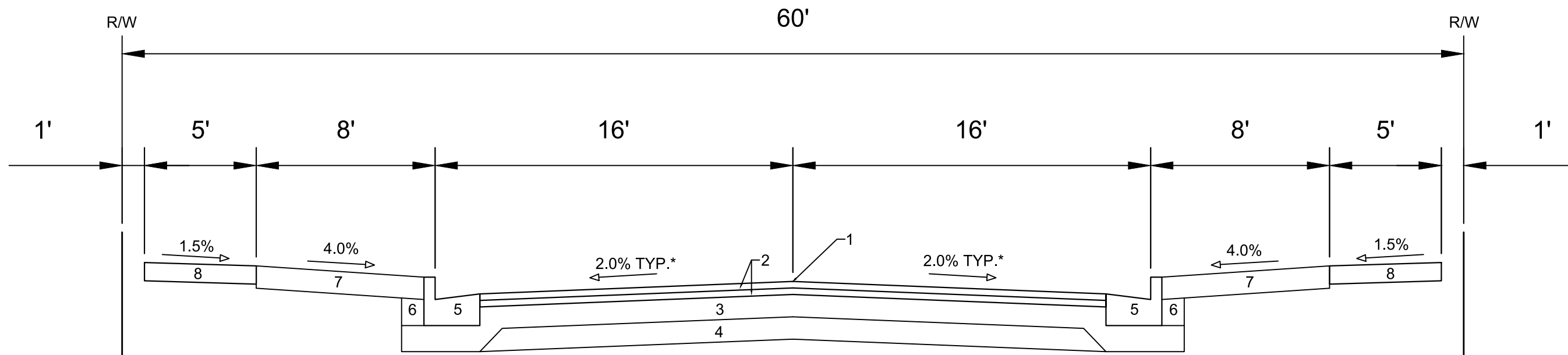


**TYPICAL SECTION
VALLEY VIEW ROAD
STA 406+11.78 TO STA 407+46.49**

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 5.50" CRUSHED AGGREGATE BASE COURSE GRADATION 3
- 7 6" TOPSOIL, SEED AND EROSION MATTING, CLASS I, URBAN TYPE B
- 8 EX. PAVEMENT TO REMAIN
- 9 EX. BASE COURSE TO REMAIN
- 10 PROPOSED SAWCUT LOCATION

SPECIAL NOTES:

- * SEE P & X SHEETS FOR CROSS SLOPES AND WIDTHS
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



**TYPICAL SECTION
WHITE SKY PASS
HONEY HARVEST LANE**

- 1 POINT REFERRED TO ON PROFILE
- 2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
- 3 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 5 CONCRETE CURB AND GUTTER TYPE 'A'
- 6 FILL
- 7 6" TOPSOIL, SEED AND MATTING
- 8 5" CONCRETE SIDEWALK

SPECIAL NOTES:

- * SEE P & X SHEETS FOR CROSS SLOPES
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

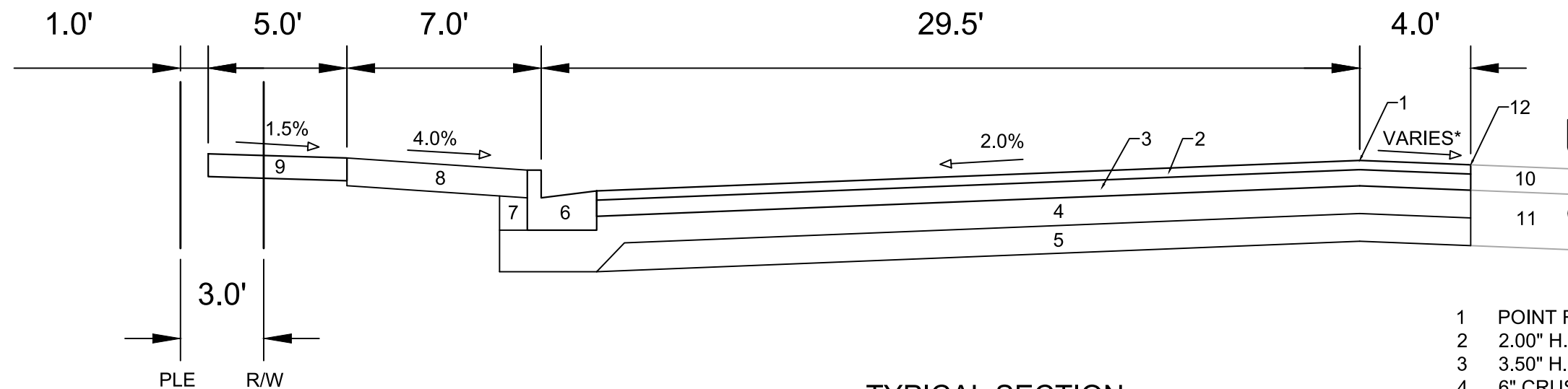
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REVISION	
Designed By: FBEG	Date: 8/6/2023 12:31 PM
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Scale:	D-2

14432
MADISON, WI
9260
CONTRACT NO:

TYPICAL SECTIONS
ACACIA RIDGE PHASE 9
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14432
D-2

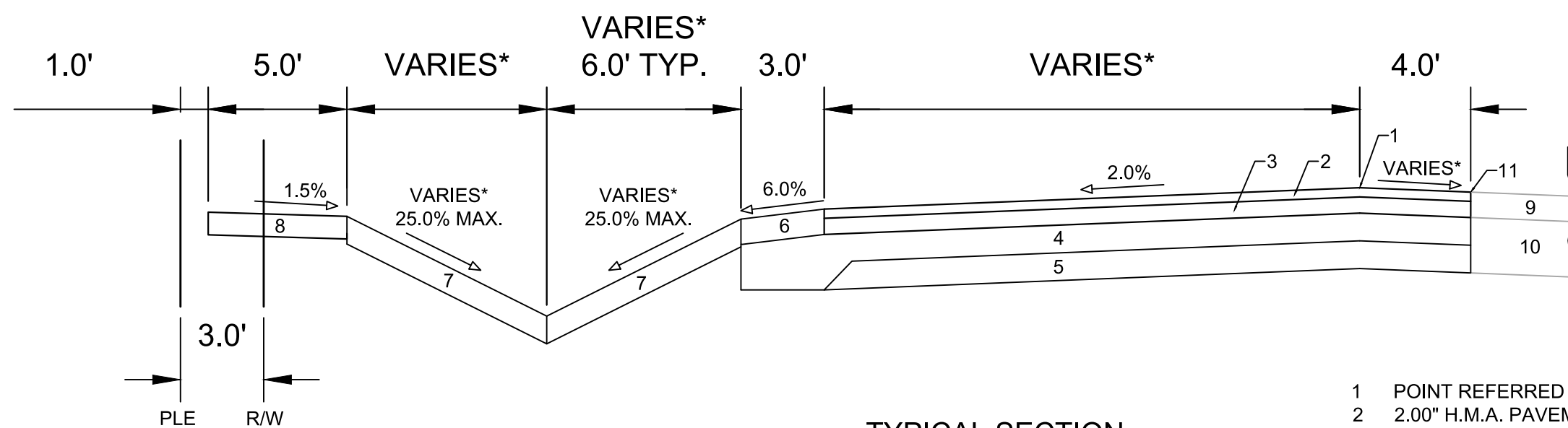


**TYPICAL SECTION
VALLEY VIEW ROAD
STA 408+11.69 TO STA 409+27.49**

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 CONCRETE CURB AND GUTTER TYPE 'A'.
- 7 FILL
- 8 6" TOPSOIL, SEED AND MATTING
- 9 5" CONCRETE SIDEWALK
- 10 EX. PAVEMENT TO REMAIN
- 11 EX. BASE COURSE TO REMAIN
- 12 PROPOSED SAWCUT LOCATION

SPECIAL NOTES:

- * SEE P & X SHEETS FOR CROSS SLOPES AND WIDTHS
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY



**TYPICAL SECTION
VALLEY VIEW ROAD
STA 407+46.49 TO STA 408+11.69
STA 409+27.49 TO STA 411+27.49**

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- 4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- 6 5.50" CRUSHED AGGREGATE BASE COURSE GRADATION 3
- 7 6" TOPSOIL, SEED AND EROSION MATTING, CLASS I, URBAN TYPE B
- 8 5" CONCRETE SIDEWALK
- 9 EX. PAVEMENT TO REMAIN
- 10 EX. BASE COURSE TO REMAIN
- 11 PROPOSED SAWCUT LOCATION

SPECIAL NOTES:

- * SEE P & X SHEETS FOR CROSS SLOPES AND WIDTHS
- ** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

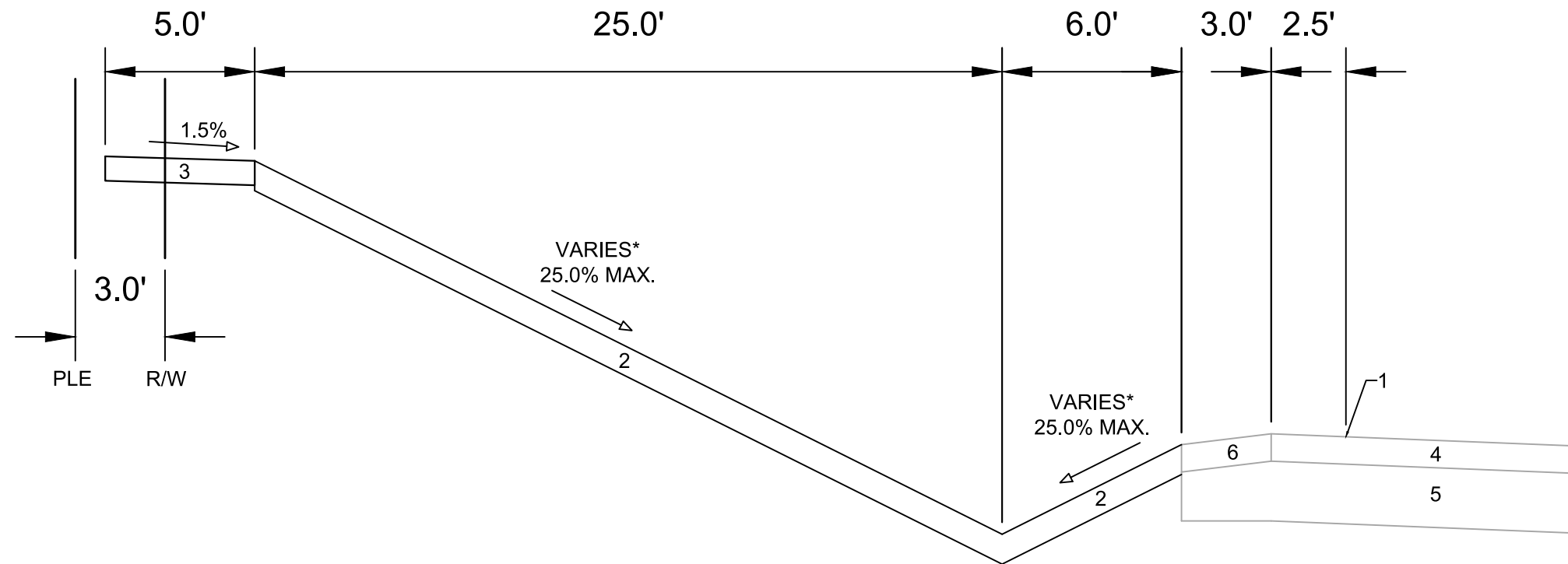
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14432
MADISON, WI
9260
CONTRACT NO:

TYPICAL SECTIONS
ACACIA RIDGE PHASE 9
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14432
D-3



**TYPICAL SECTION
VALLEY VIEW ROAD
STA 411+27.49 TO STA 412+04.49**

SPECIAL NOTES:

*SEE P & X SHEETS FOR CROSS SLOPES AND WIDTHS

- 1 POINT REFERRED TO ON PROFILE
- 2 6" TOPSOIL, SEED AND EROSION MATTING, CLASS I, URBAN TYPE B
- 3 5" CONCRETE SIDEWALK
- 4 EX. PAVEMENT TO REMAIN
- 5 EX. BASE COURSE TO REMAIN
- 6 EX. GRAVEL SHOULDER TO REMAIN

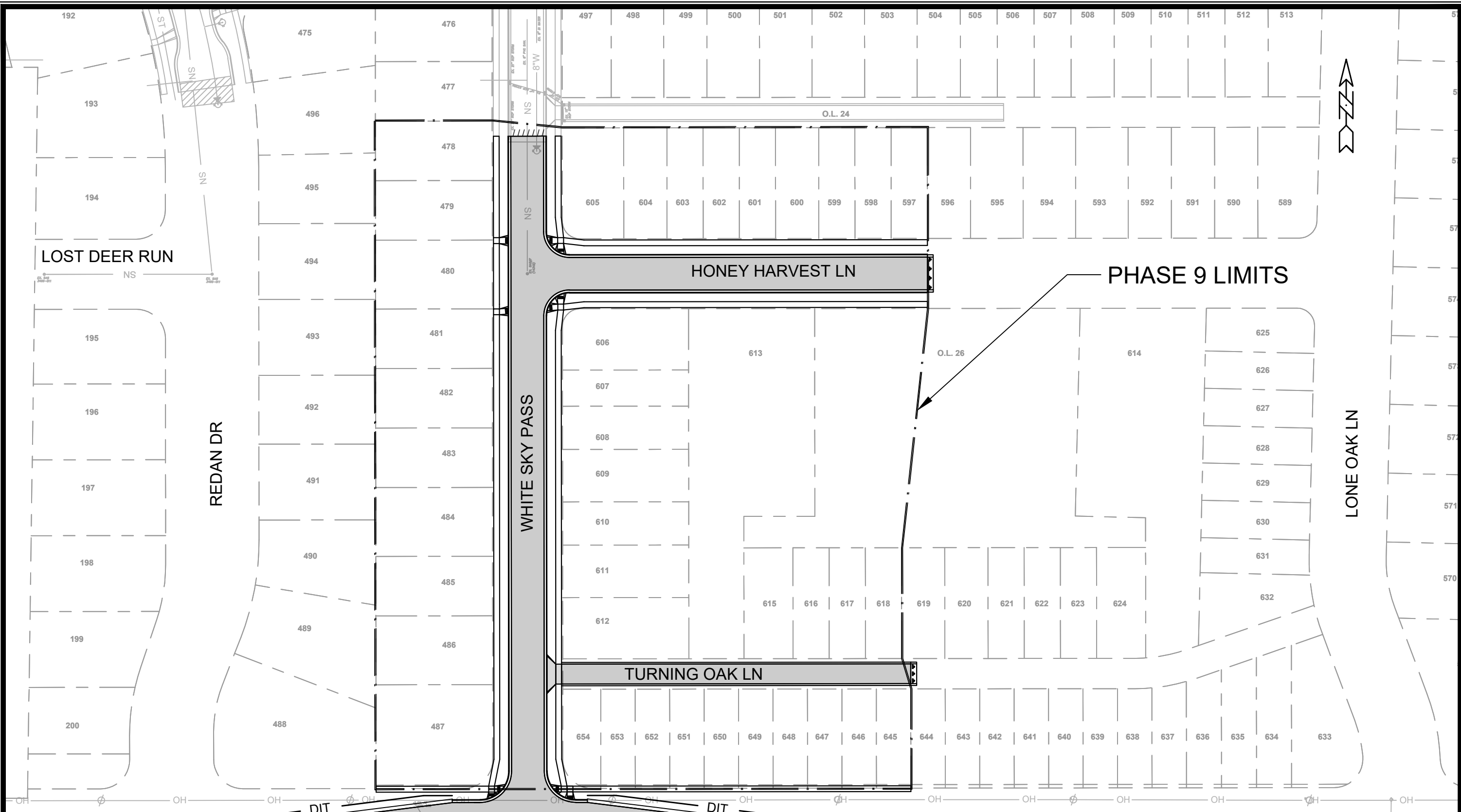
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14432
MADISON, WI
9260
CONTRACT NO:

TYPICAL SECTIONS
ACACIA RIDGE PHASE 9
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14432
D-4



REVISION NO. 3 - 12/ 11/ 2024 - FBEG

- CHANGE SURFACE PAVING RESPONSIBILITY FROM DEVELOPER TO CITY

LEGEND

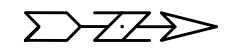
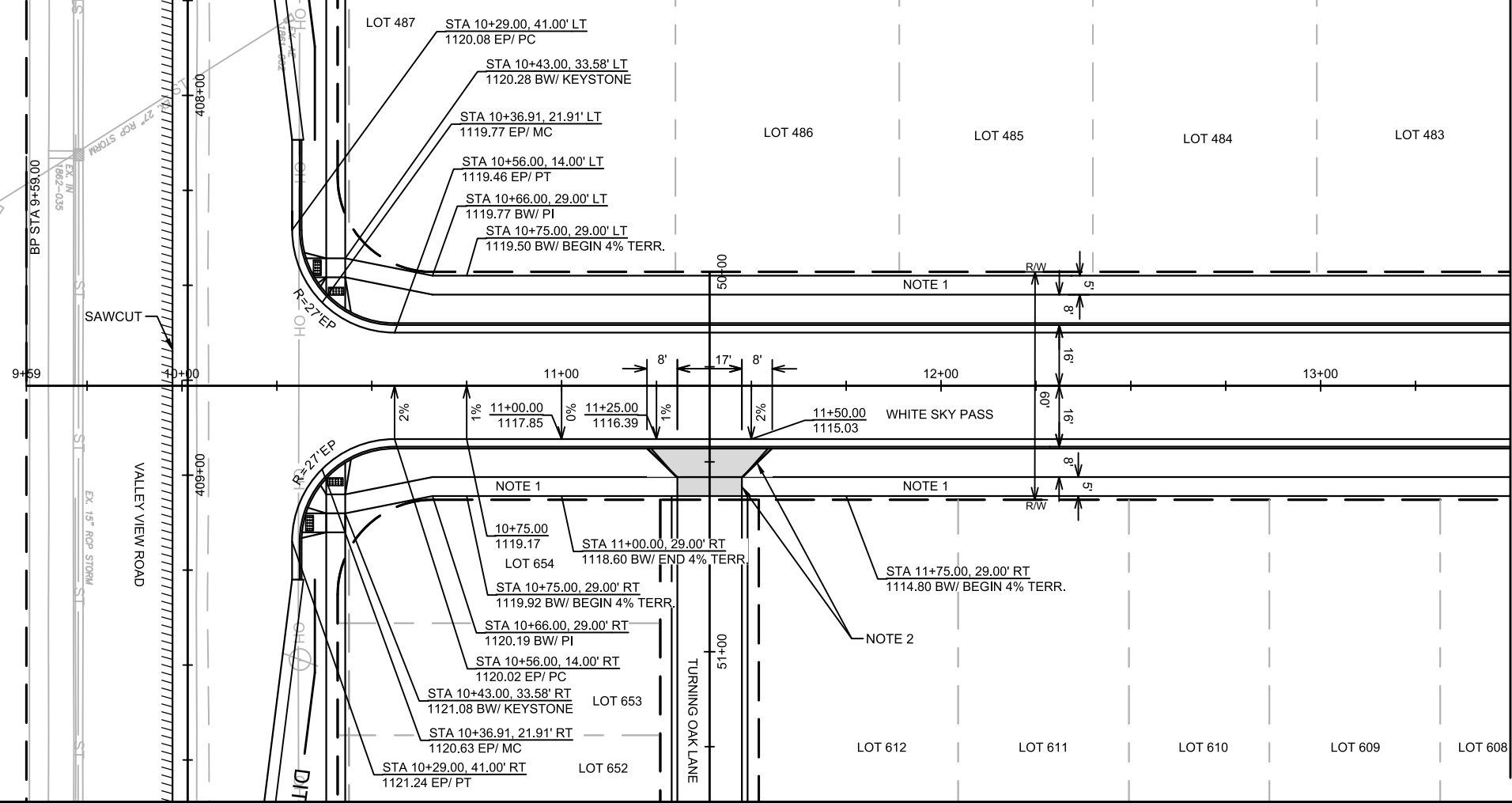
 SURFACE PAVING BY CITY PER ADDENDUM NO.1, CONTRACT NO. 9261

OVERVIEW PLAN	14432	DATE	BY
ACACIA RIDGE PHASE 9	MADISON, WI	REVISION	
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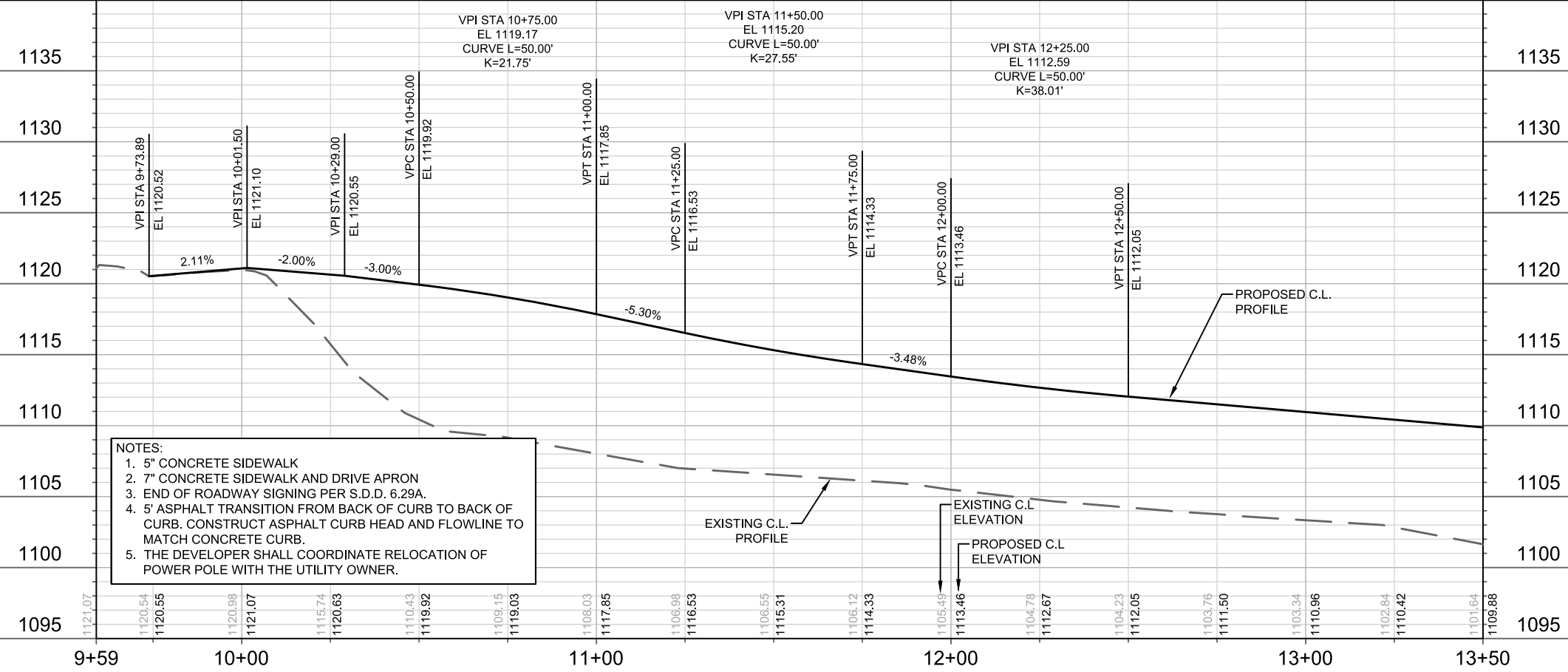
9202 WEATHERSTONE RD

VALLEY VIEW ROAD

TURNING OAK LANE



MATCH LINE 13+50.00



- NOTES:
- 5" CONCRETE SIDEWALK
 - 7" CONCRETE SIDEWALK AND DRIVE APRON
 - END OF ROADWAY SIGNING PER S.D.D. 6.29A.
 - 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
 - THE DEVELOPER SHALL COORDINATE RELOCATION OF POWER POLE WITH THE UTILITY OWNER.

DATE	BY
REVISION	
MARK	
Scale: #####	
14432	P-1

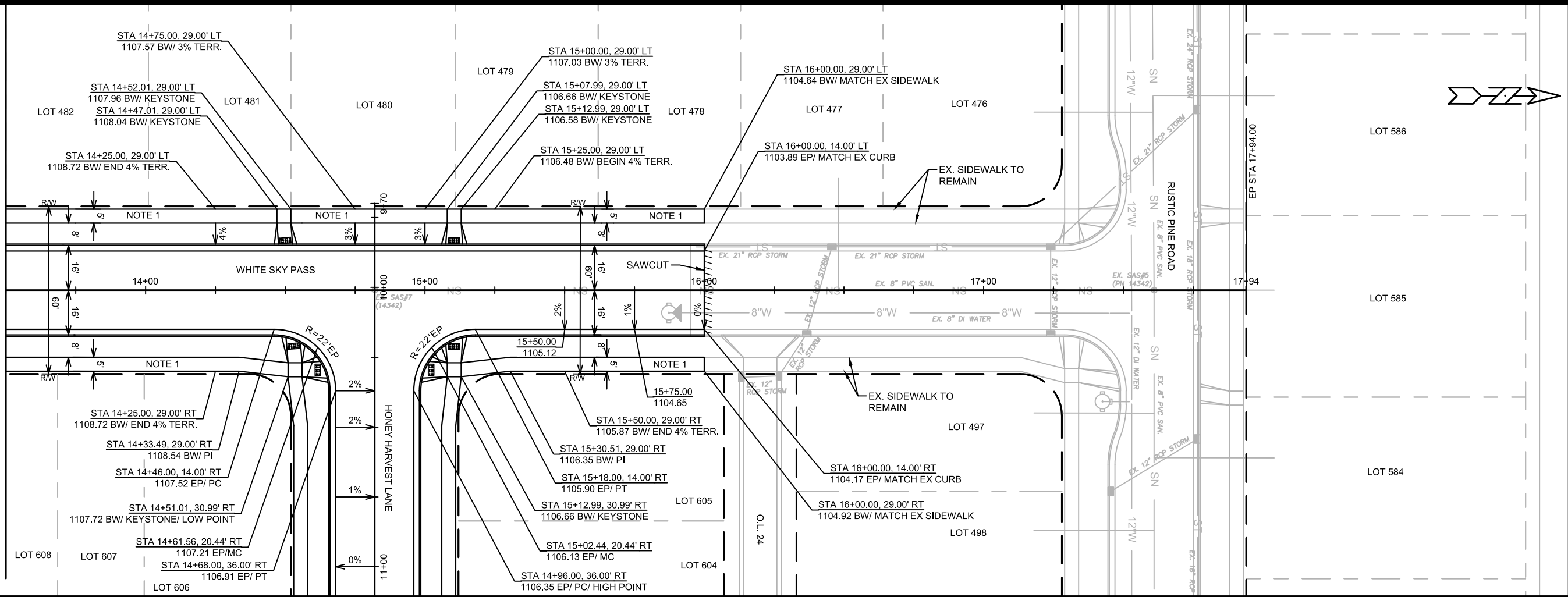
14432
MADISON, WI
9260
CONTRACT NO:

PLAN & PROFILE - WHITE SKY PASS
ACACIA RIDGE PHASE 9
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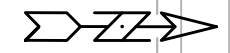
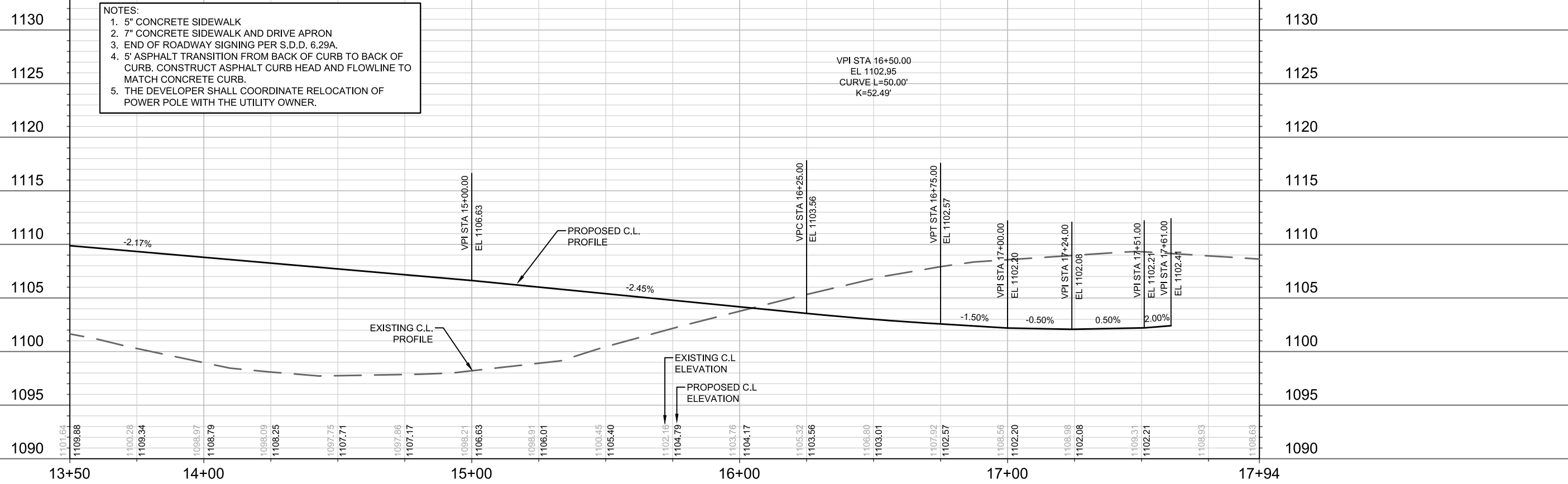


14432
P-1

MATCH LINE 13+50.00



- NOTES:
1. 5" CONCRETE SIDEWALK
 2. 7" CONCRETE SIDEWALK AND DRIVE APRON
 3. END OF ROADWAY SIGNING PER S.D.D. 6.29A.
 4. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
 5. THE DEVELOPER SHALL COORDINATE RELOCATION OF POWER POLE WITH THE UTILITY OWNER.



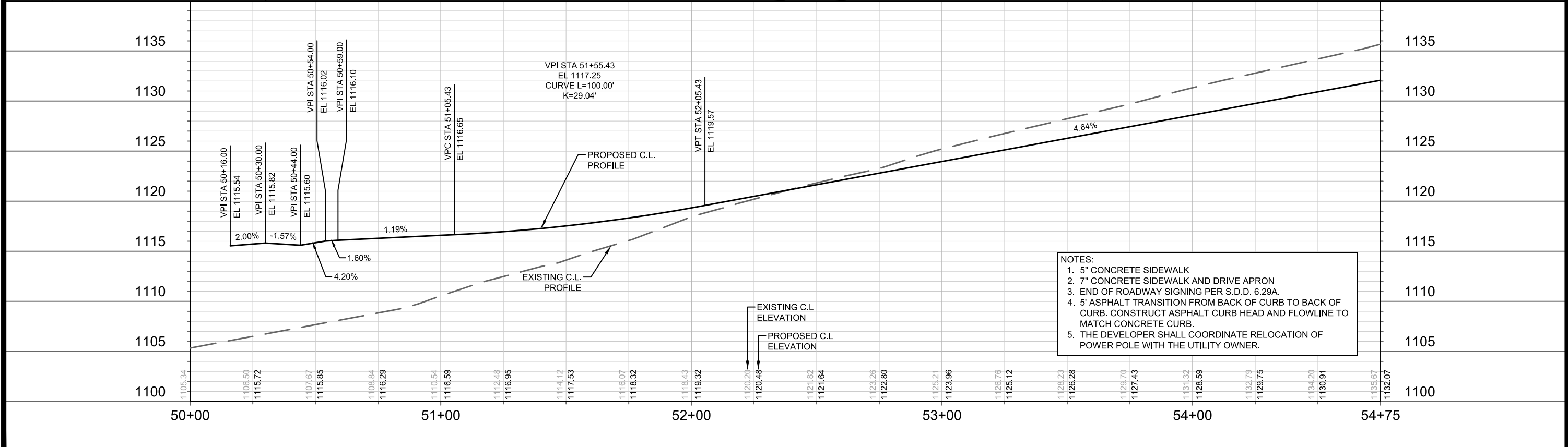
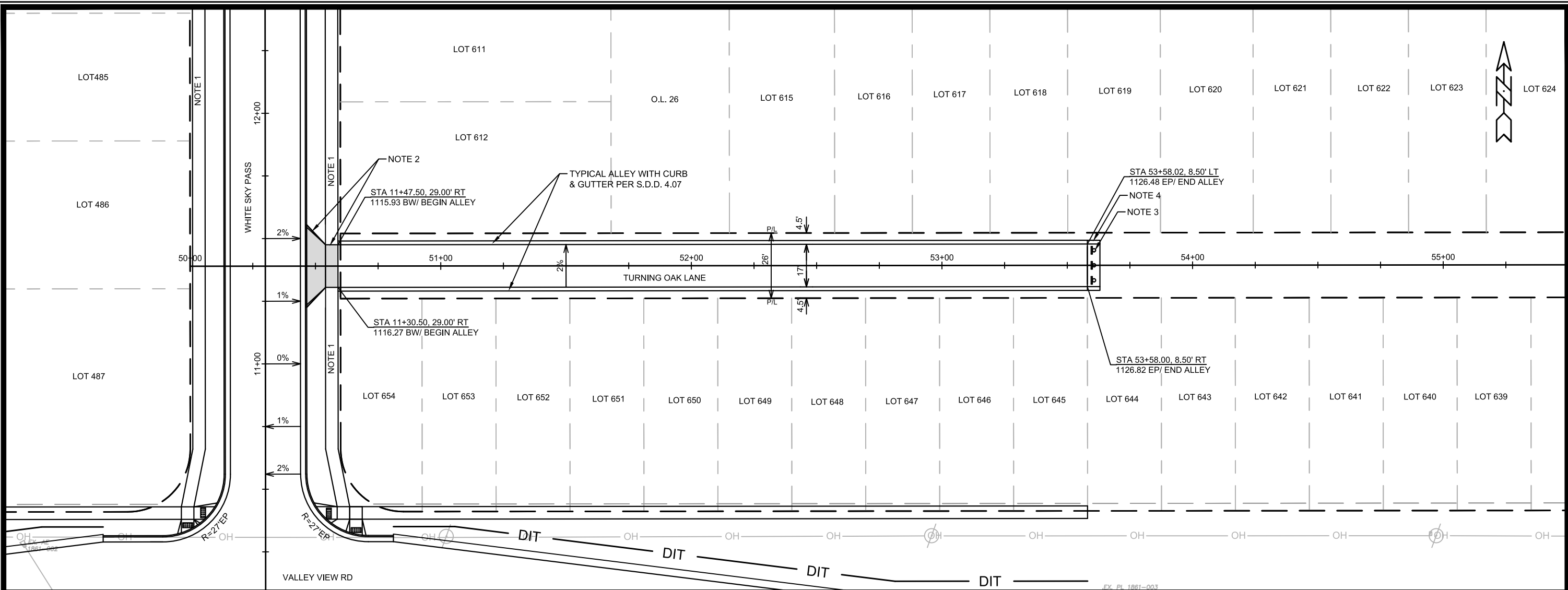
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14432	
P-2	

14432
MADISON, WI
9260
CONTRACT NO:

PLAN & PROFILE - WHITE SKY PASS
ACACIA RIDGE PHASE 9
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14432
P-2



- NOTES:**
1. 5" CONCRETE SIDEWALK
 2. 7" CONCRETE SIDEWALK AND DRIVE APRON
 3. END OF ROADWAY SIGNING PER S.D.D. 6.29A.
 4. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
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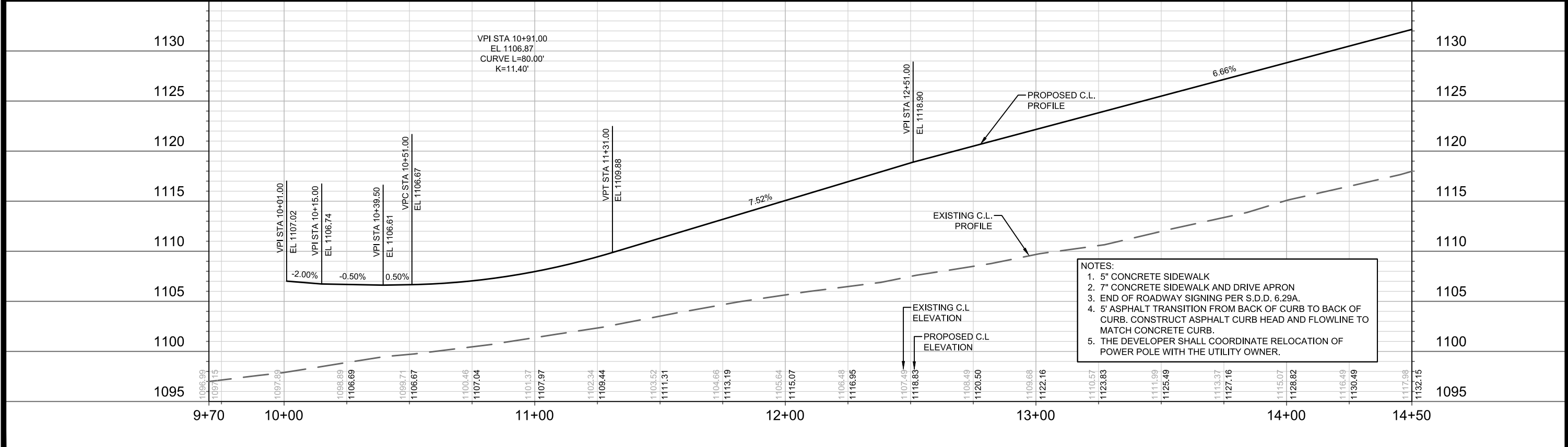
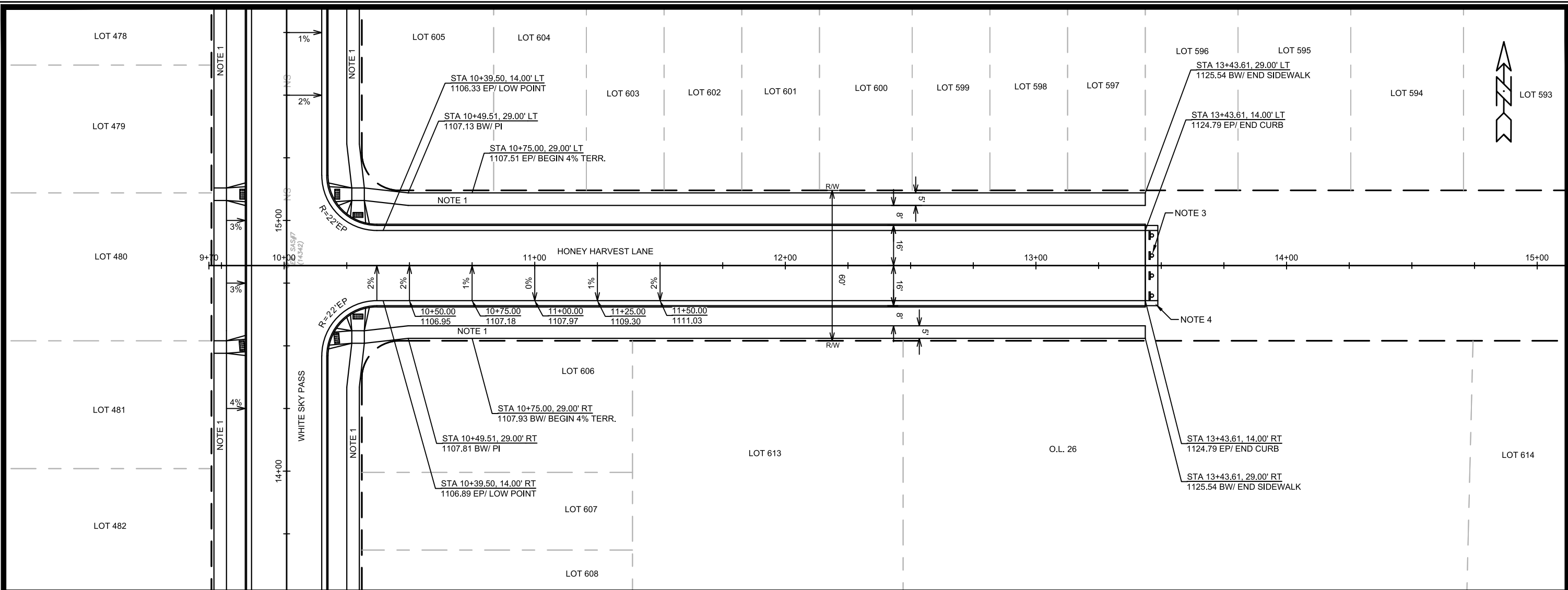
MARK	REVISION	DATE	BY

14432
 MADISON, WI
 CONTRACT NO: 9260

PLAN & PROFILE - TURNING OAK LANE
 ACACIA RIDGE PHASE 9
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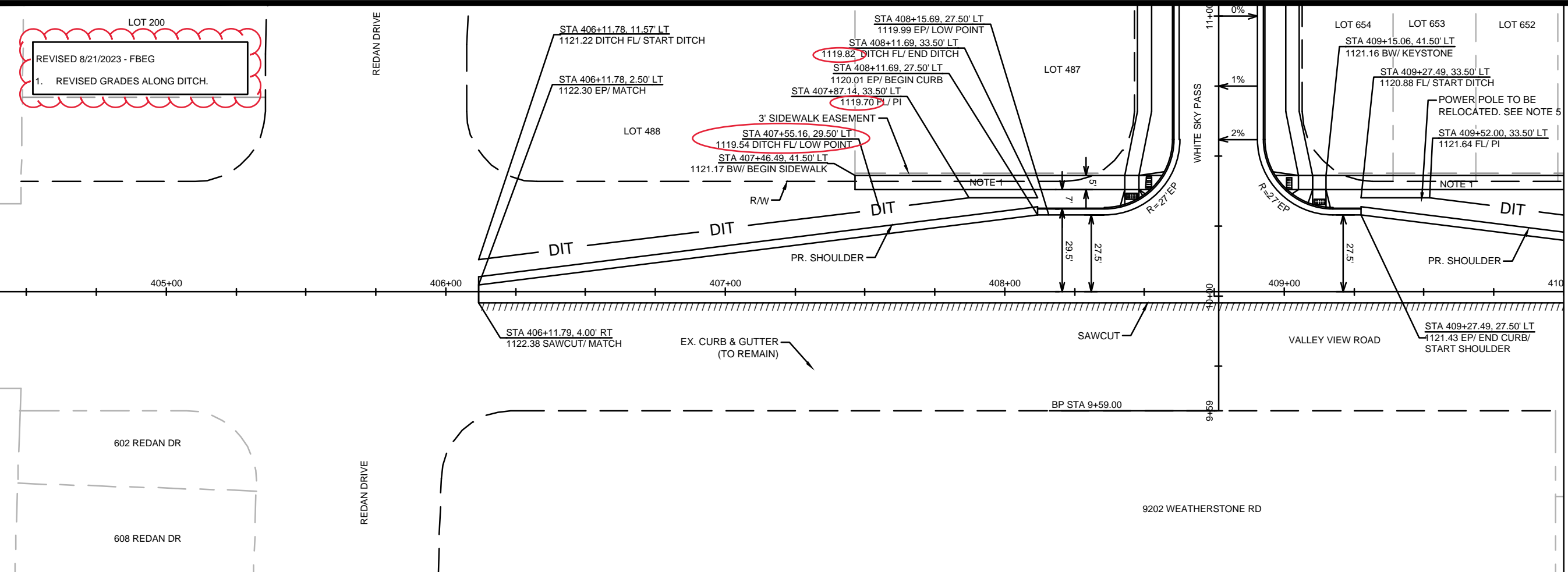


14432
 P-3

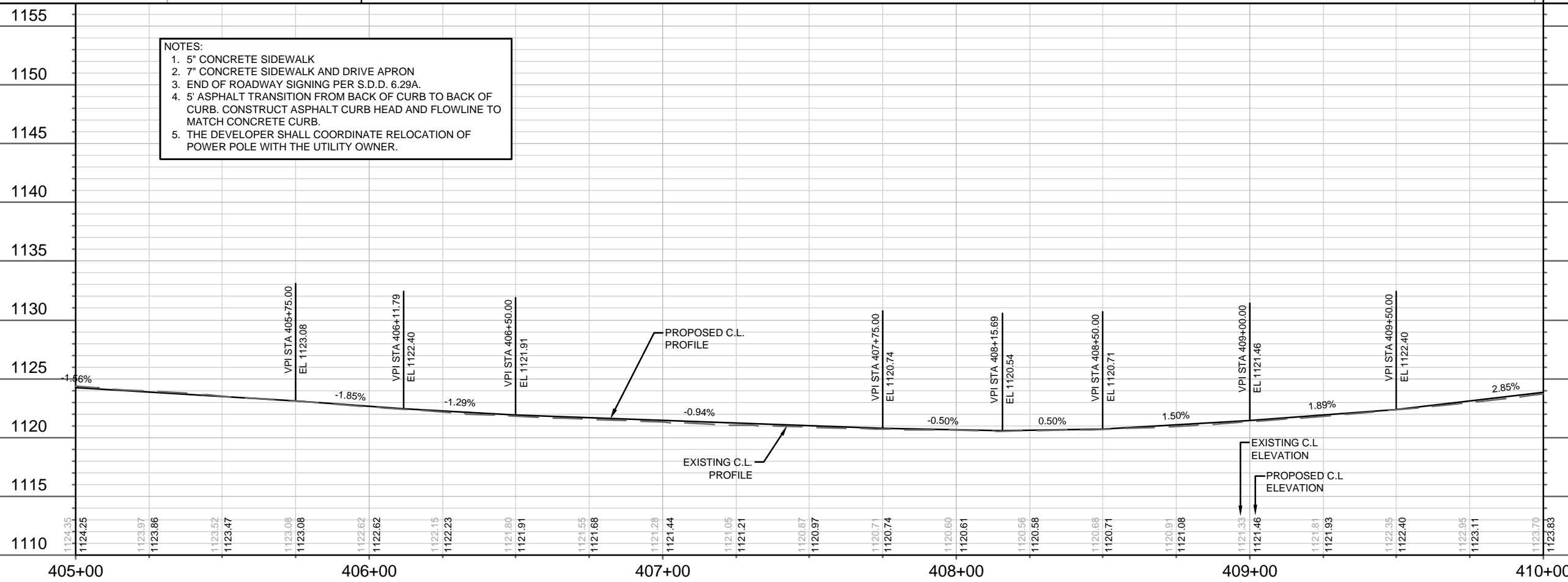


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14432		MADISON, WI		9260
PLAN & PROFILE - HONEY HARVEST LANE		ACACIA RIDGE PHASE 9		CONTRACT NO:
		14432		P-4
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LOT 200
 REVISED 8/21/2023 - FBEG
 1. REVISED GRADES ALONG DITCH.



- NOTES:
- 5" CONCRETE SIDEWALK
 - 7" CONCRETE SIDEWALK AND DRIVE APRON
 - END OF ROADWAY SIGNING PER S.D.D. 6.29A.
 - 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
 - THE DEVELOPER SHALL COORDINATE RELOCATION OF POWER POLE WITH THE UTILITY OWNER.



MATCH LINE 410+00.00



MARK	REVISION	DATE	BY

Designated By: FBEG Date: 8/21/2023 1:34 PM Scale: #####
 14432 P-5

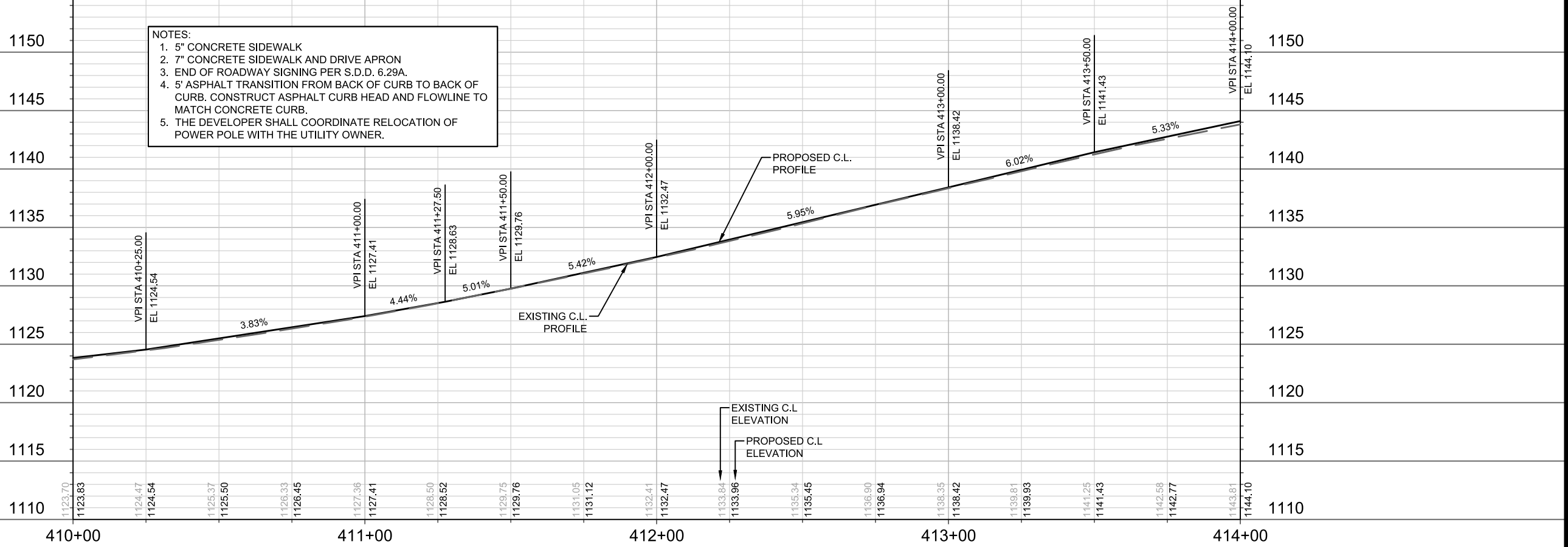
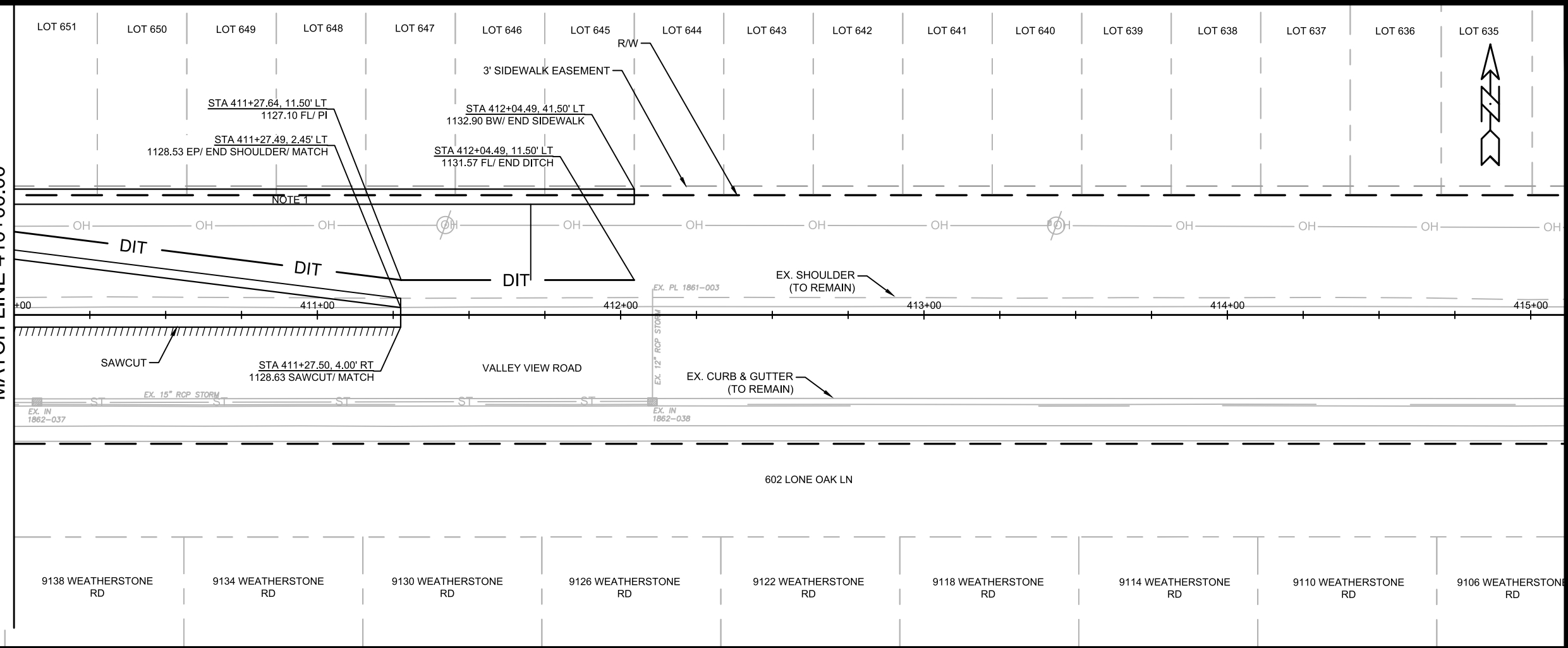
14432
 MADISON, WI
 CONTRACT NO: 9260

PLAN & PROFILE - VALLEY VIEW ROAD
 ACACIA RIDGE PHASE 9
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14432
 P-5

MATCH LINE 410+00.00



DATE	BY
REVISION	###
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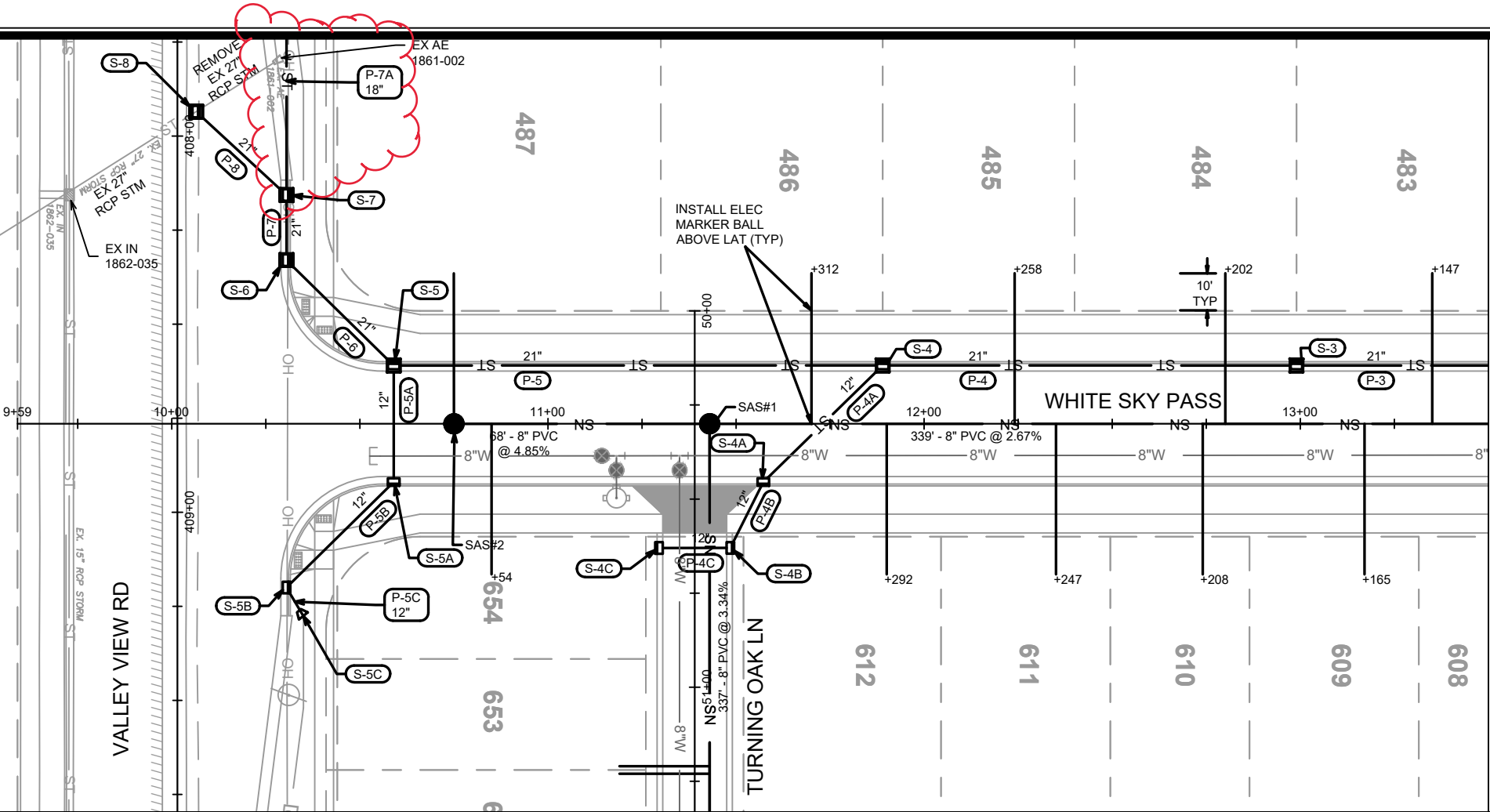
14432
MADISON, WI
9260
CONTRACT NO:

PLAN & PROFILE - VALLEY VIEW ROAD
ACACIA RIDGE PHASE 9
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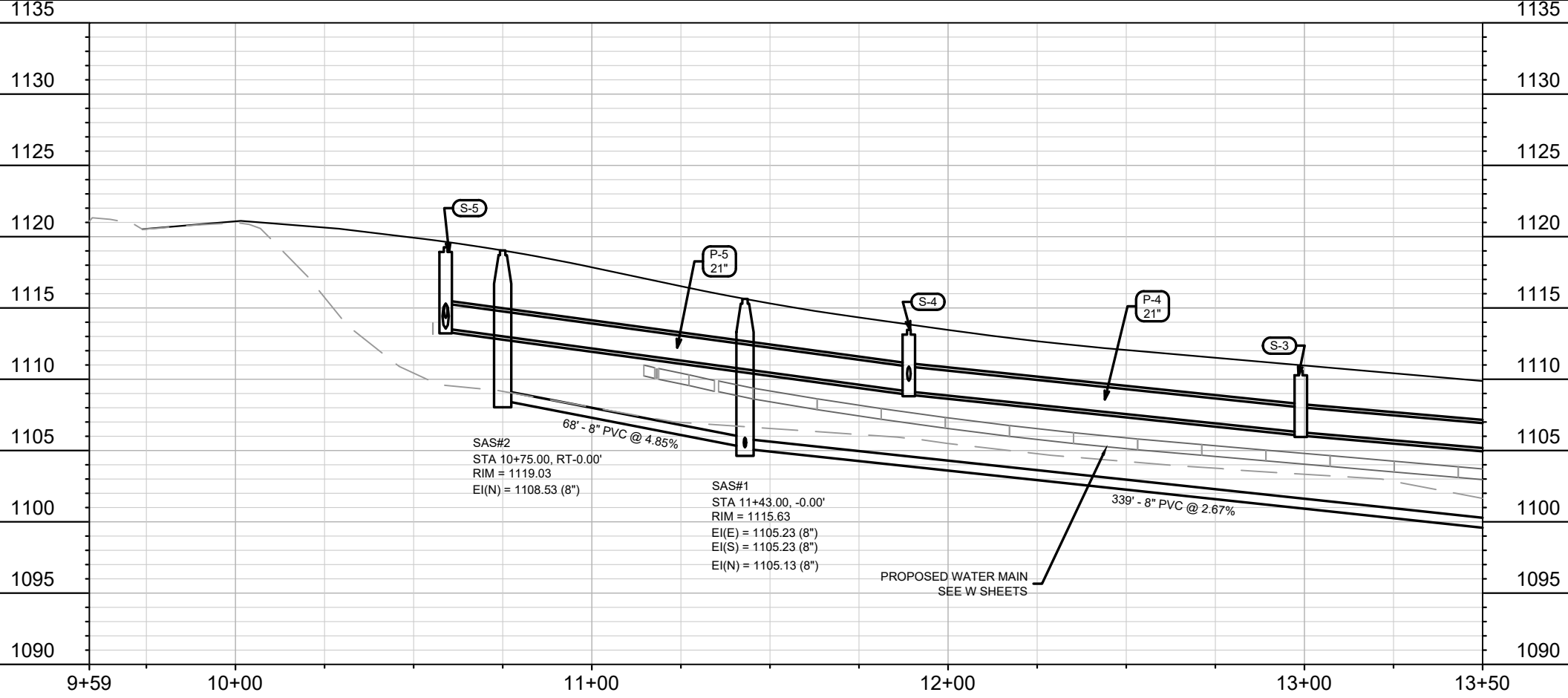


14432
P-6

REVISED 8/16/2023 - EEA
 -S-7A changed to inlet
 -P-7A revised



MATCH LINE 13+50.00



MARK	REVISION	DATE	BY
14432	U-1	8/21/2023 3:02 PM	EEA

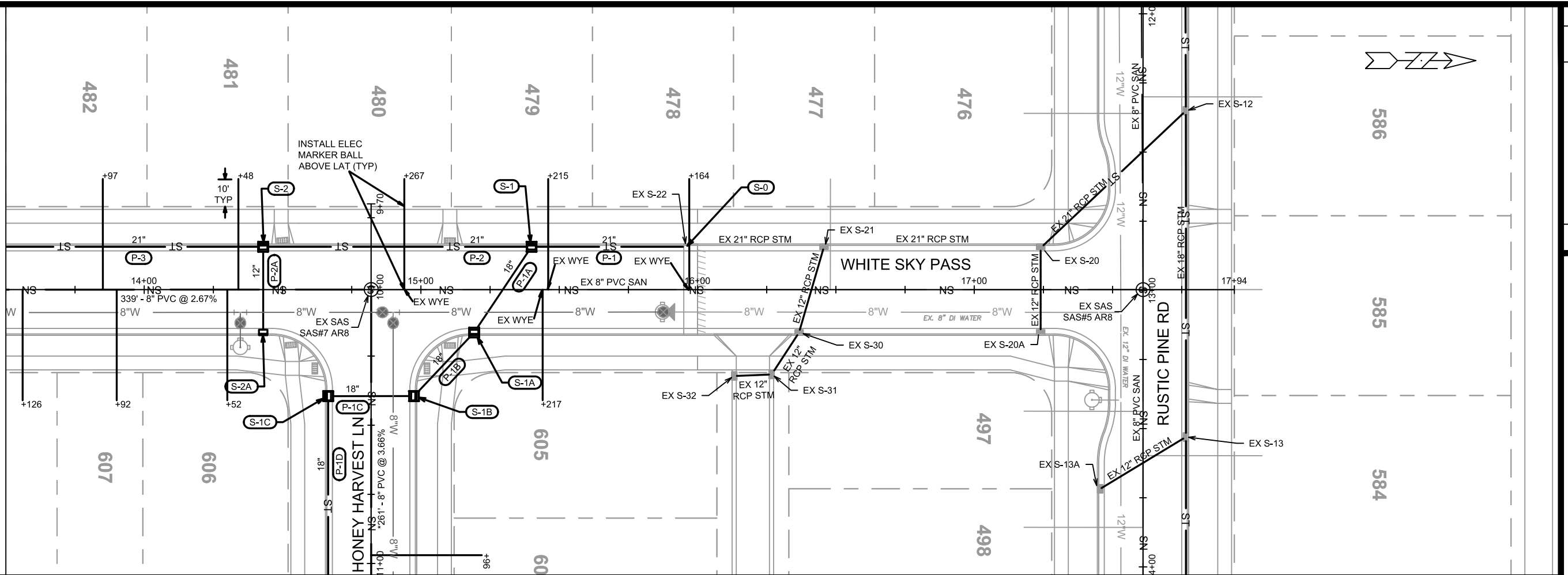
14432
 MADISON, WI
 CONTRACT NO: 9260

UTILITIES PLAN & PROFILE - WHITE SKY PASS
 ACACIA RIDGE PHASE 9
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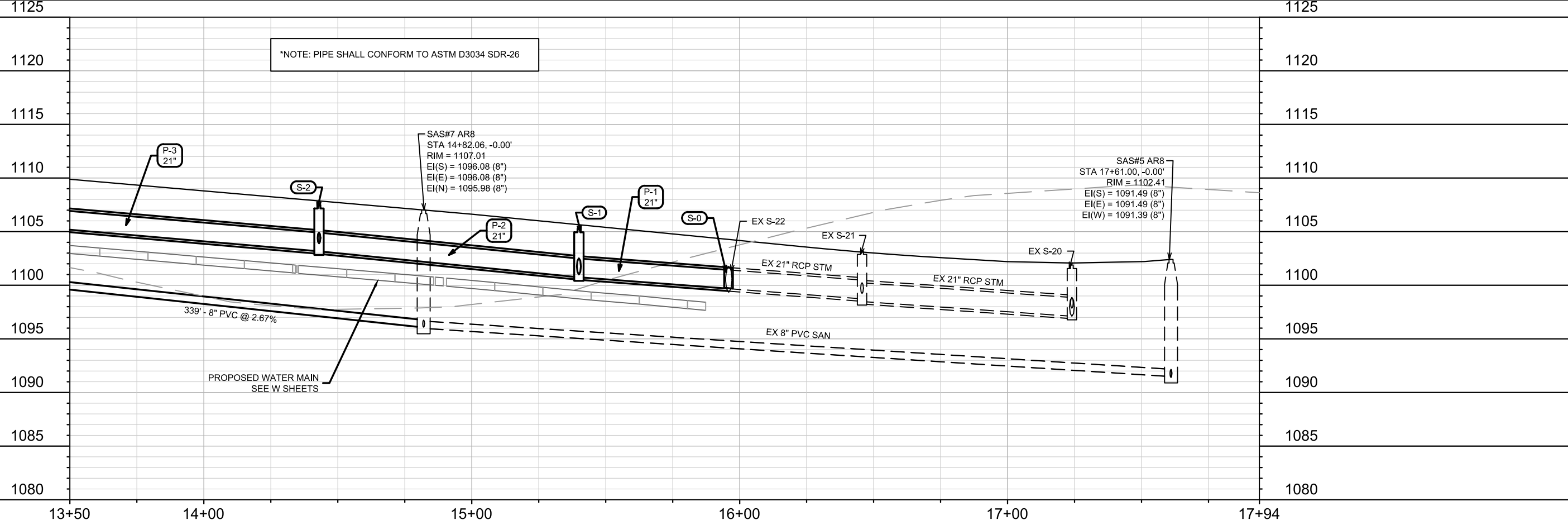


14432
 U-1

MATCH LINE 13+50.00



*NOTE: PIPE SHALL CONFORM TO ASTM D3034 SDR-26



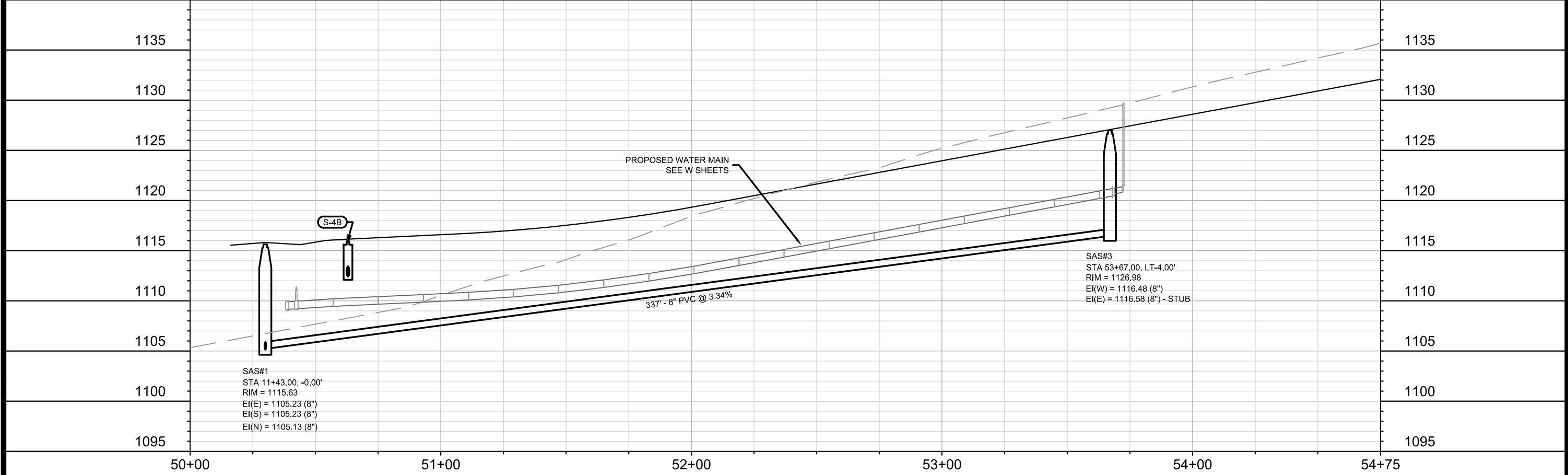
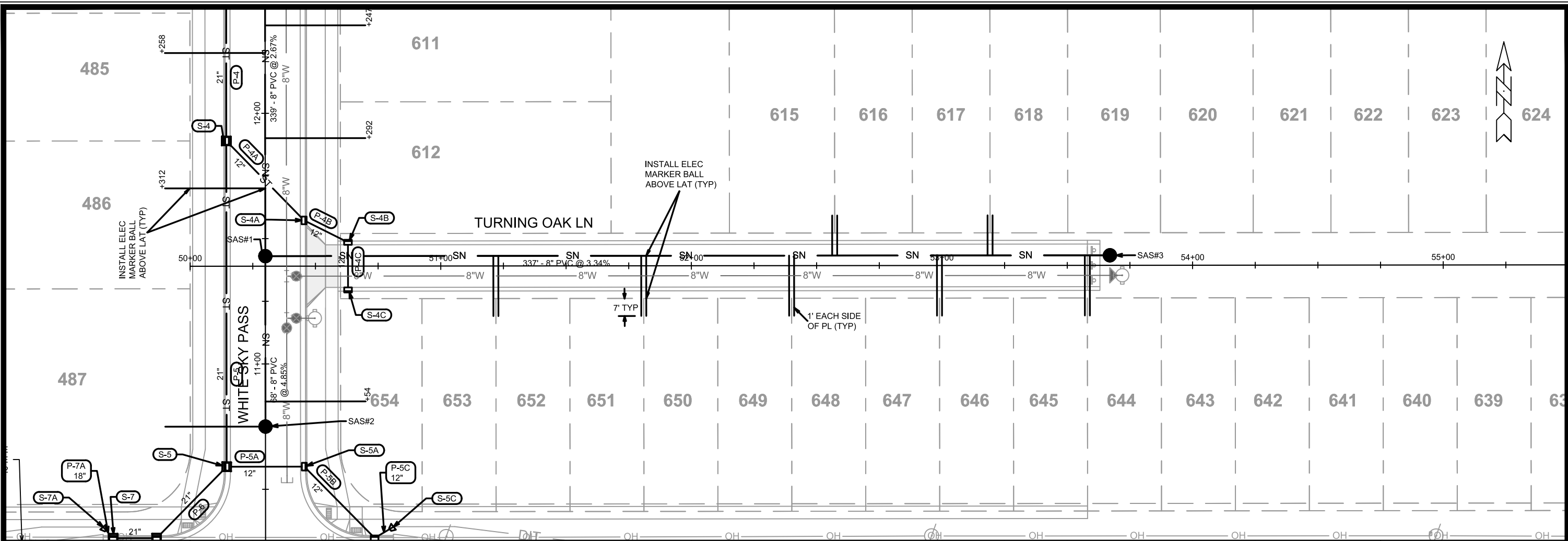
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14432
 MADISON, WI
 CONTRACT NO: 9260

UTILITIES PLAN & PROFILE - WHITE SKY PASS
 ACACIA RIDGE PHASE 9
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14432
 U-2



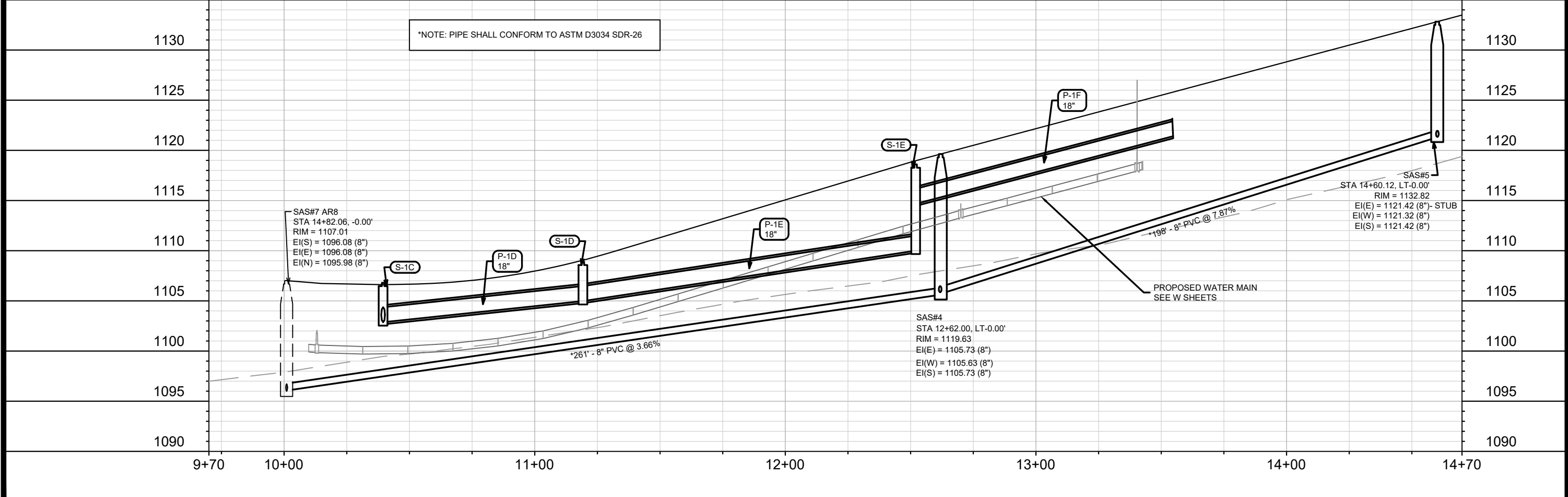
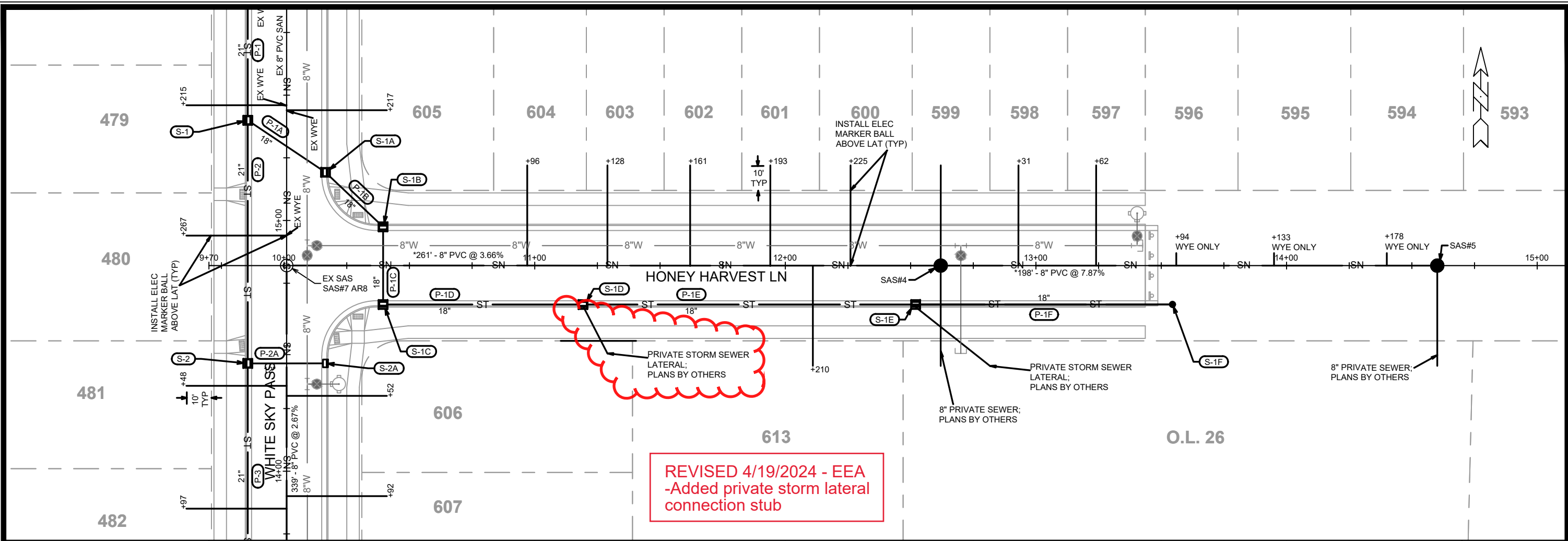
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14432
MADISON, WI
9260
CONTRACT NO:

UTILITIES PLAN & PROFILE - TURNING OAK LANE
ACACIA RIDGE PHASE 9
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14432
U-3



*NOTE: PIPE SHALL CONFORM TO ASTM D3034 SDR-26

REVISED 4/19/2024 - EEA
 -Added private storm lateral
 connection stub

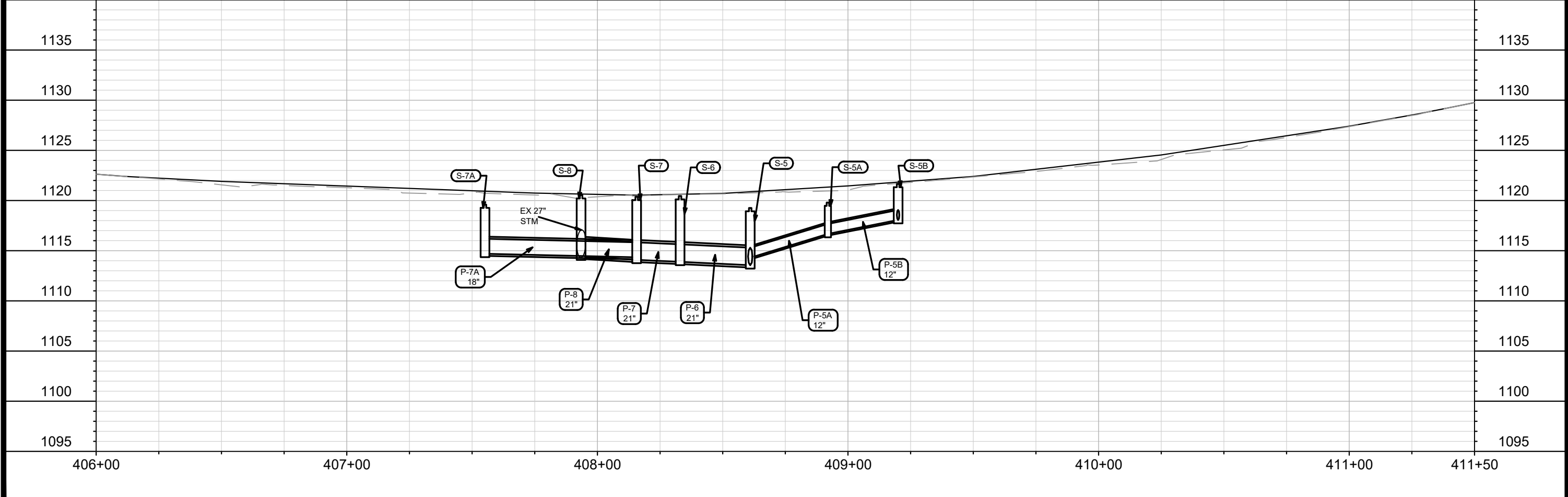
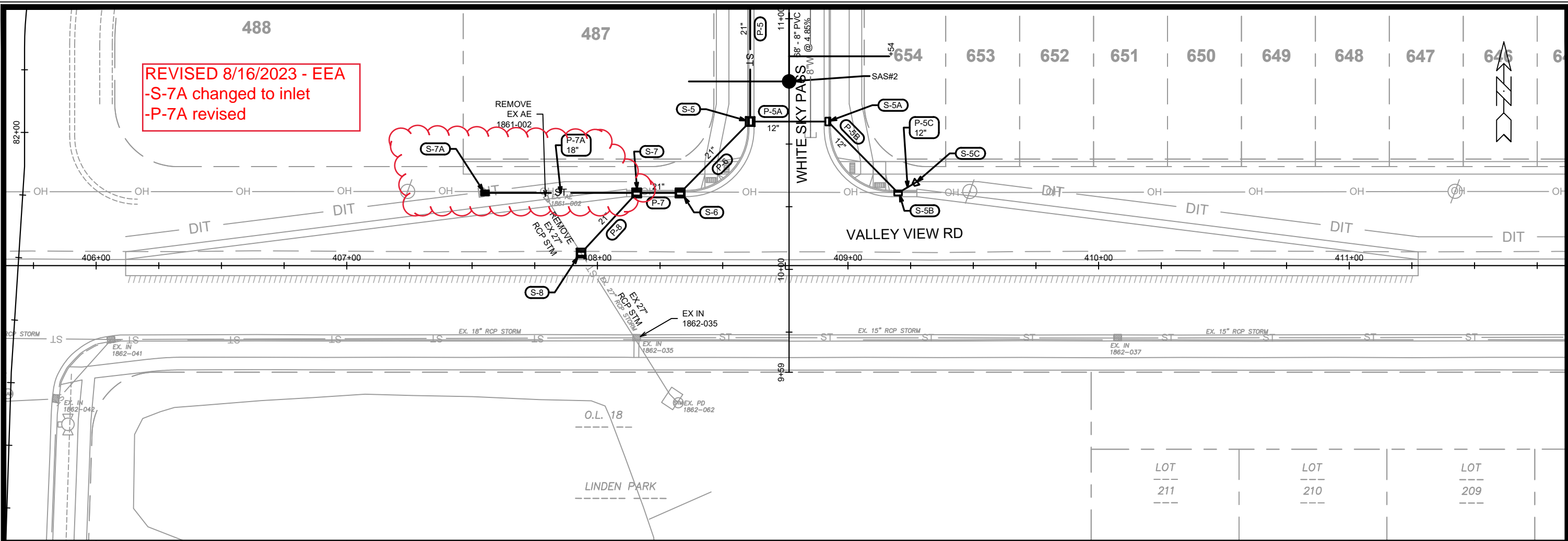
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14432		4/19/2024 11:55 AM	U-4

14432
 MADISON, WI
 9260
 CONTRACT NO:

UTILITIES PLAN & PROFILE - HONEY HARVEST LANE
 ACACIA RIDGE PHASE 9
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14432
 U-4



REVISED 8/16/2023 - EEA
 -S-7A changed to inlet
 -P-7A revised

MARK	REVISION	DATE	BY
14432	Designed By: EEA	Date: 8/27/2023 2:59 PM	U-5

14432
 MADISON, WI
 CONTRACT NO: 9260

UTILITIES PLAN & PROFILE - VALLEY VIEW ROAD
 ACACIA RIDGE PHASE 9
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14432
 U-5

SANITARY SEWER SCHEDULE

ACACIA RIDGE PHASE 9

SHEET NO.

PROJECT NO. 14432

U-SAN

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
WHITE SKY PASS						
SAS#1	11+43.00	CL	1115.63	1105.13	10.50	-
SAS#2	10+75.00	CL	1119.03	1108.53	10.50	-
TURNING OAK LN						
SAS#3	53+67.00	LT-4.00	1126.98	1116.48	10.50	-
HONEY HARVEST LN						
SAS#4	12+62.00	CL	1119.63	1105.63	14.00	-
SAS#5	14+60.12	CL	1132.82	1121.32	11.50	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
WHITE SKY PASS								
EX SAS#7 AR8	SAS#1	1096.08	1105.13	339	2.67%	8"	SDR-35	-
SAS#1	SAS#2	1105.23	1108.53	68	4.85%	8"	SDR-35	-
TURNING OAK LN								
SAS#1	SAS#3	1105.23	1116.48	337	3.34%	8"	SDR-35	-
HONEY HARVEST LN								
EX SAS#7 AR8	SAS#4	1096.08	1105.63	261	3.66%	8"	SDR-26	-
SAS#4	SAS#5	1105.73	1121.32	198	7.87%	8"	SDR-26	-

NOTES:

- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. 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

STORM SEWER SCHEDULE

* REVISED 8/16/2023 EEA

ACACIA RIDGE PHASE 9	SHEET NO.
PROJECT NO. 14432	U-STM
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
WHITE SKY PASS							
S-0	15+95.92	LT-15.50	CONCRETE COLLAR	-	1099.68	-	-
S-1	15+40.00	LT-15.50	3X3 SAS	1105.75	1100.74	5.01	W/ R-3067-7004-V
S-1A	15+19.25	RT-15.50	H INLET	1106.25	1101.85	4.40	W/ R-3067-7004-V
S-2	14+43.00	LT-15.50	3X3 SAS	1107.96	1103.16	4.80	W/ R-3067-7004-V
S-2A	14+43.00	RT-15.50	H INLET	1107.96	1104.33	3.63	W/ R-3067-7004-V
S-3	12+98.96	LT-15.50	3X3 SAS	1111.08	1106.28	4.80	W/ R-3067-7004-V
S-4	11+88.98	LT-15.50	3X3 SAS	1113.94	1109.14	4.80	W/ R-3067-7004-V
S-4A	11+57.25	RT-15.50	H INLET	1115.13	1111.53	3.60	W/ R-3067-7004-V
S-5	10+59.00	LT-15.50	3X3 SAS	1119.73	1113.55	6.18	W/ R-3067-7004-V
S-5A	10+59.00	RT-15.50	H INLET	1120.27	1116.67	3.60	W/ R-3067-7004-V
HONEY HARVEST LANE							
S-1B	10+39.50	LT-15.50	3X3 SAS	1106.71	1102.31	4.40	LP; W/ R-3067-7004-VB
S-1C	10+39.50	RT-15.50	H INLET	1107.27	1102.87	4.40	LP; W/ R-3067-7004-VB
S-1D	11+19.22	RT-15.50	H INLET	1109.38	1104.98	4.40	W/ R-3067-7004-V
S-1E	12+52.00	RT-15.50	H INLET	1119.07	1110.00	9.07	W/ R-3067-7004-V
S-1F	13+54.46	RT-15.50	18" PLUG	-	1121.39	-	-
TURNING OAK LANE							
S-4B	50+63.00	LT-9.50	H INLET	1115.98	1112.43	3.55	W/ R-3362-L
S-4C	50+63.00	RT-9.50	H INLET	1116.32	1112.77	3.55	W/ R-3362-L
VALLEY VIEW ROAD							
S-5B	409+20.00	LT-29.00	H INLET	1121.66	1118.06	3.60	W/ R-3067-7004-V
S-5C	409+27.55	LT-33.48	12" APRON END	-	1120.88	-	-
S-6	408+32.99	LT-29.00	3X3 SAS	1120.45	1113.89	6.56	W/ R-3067-7004-V
S-7	408+15.67	LT-29.00	3X3 SAS	1120.37	1114.09	6.28	LP; W/ R-3067-7004-VB
* S-7A	407+55.16	LT-29.00	H INLET	1119.54	1114.69	4.85	LP; W/ R-1878-B7L
S-8	407+93.51	LT-5.00	3X3 SAS	1120.55	1114.42	6.13	W/ R-1878-B7L; (1)

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
WHITE SKY PASS										
P-1	S-0	S-1	1099.68	1100.74	56	54	1.96%	21"	TYPE II	-
P-1A	S-1	S-1A	1101.01	1101.85	37	34	2.47%	18"	TYPE I	-
P-2	S-1	S-2	1100.74	1103.16	97	94	2.57%	21"	TYPE II	-
P-2A	S-2	S-2A	1103.91	1104.33	31	29	1.45%	12"	TYPE I	-
P-3	S-2	S-3	1103.16	1106.28	144	141	2.21%	21"	TYPE II	-
P-4	S-3	S-4	1106.28	1109.14	110	107	2.67%	21"	TYPE II	-
P-4A	S-4	S-4A	1109.89	1111.53	44	41	4.00%	12"	TYPE I	-
P-5	S-4	S-5	1109.14	1113.55	130	127	3.47%	21"	TYPE II	-
P-5A	S-5	S-5A	1114.30	1116.67	31	29	8.17%	12"	TYPE I	-
HONEY HARVEST LANE										
P-1B	S-1A	S-1B	1101.85	1102.31	32	28	1.64%	18"	TYPE II	-
P-1C	S-1B	S-1C	1102.31	1102.87	31	29	1.93%	18"	TYPE I	-
P-1D	S-1C	S-1D	1102.87	1104.98	80	77	2.74%	18"	TYPE II	-
P-1E	S-1D	S-1E	1104.98	1110.00	133	130	3.86%	18"	TYPE II	-
P-1F	S-1E	S-1F	1114.67	1121.39	102	100	6.72%	18"	TYPE II	NCM
TURNING OAK LANE										
P-4B	S-4A	S-4B	1111.53	1112.43	20	17	5.29%	12"	TYPE II	-
P-4C	S-4B	S-4C	1112.43	1112.77	19	17	2.00%	12"	TYPE I	-
VALLEY VIEW ROAD										
P-5B	S-5A	S-5B	1116.67	1118.06	40	37	3.76%	12"	TYPE II	-
P-5C	S-5B	S-5C	1118.06	1120.88	9	7	40.29%	12"	TYPE II	-
P-6	S-5	S-6	1113.55	1113.89	40	36	0.94%	21"	TYPE II	-
P-7	S-6	S-7	1113.89	1114.09	17	14	1.43%	21"	TYPE II	-
* P-7A	S-7	S-7A	1114.34	1114.69	61	58	0.60%	18"	TYPE II	-
P-8	S-7	S-8	1114.09	1114.42	33	28	1.18%	21"	TYPE I	-

NOTES:

(1) CONNECT EXISTING 27" STORM TO SOUTH

STORM STRUCTURE REMOVALS

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
VALLEY VIEW ROAD				
1861-002	407+79.25	LT-27.68	27" RCP APRON END	-

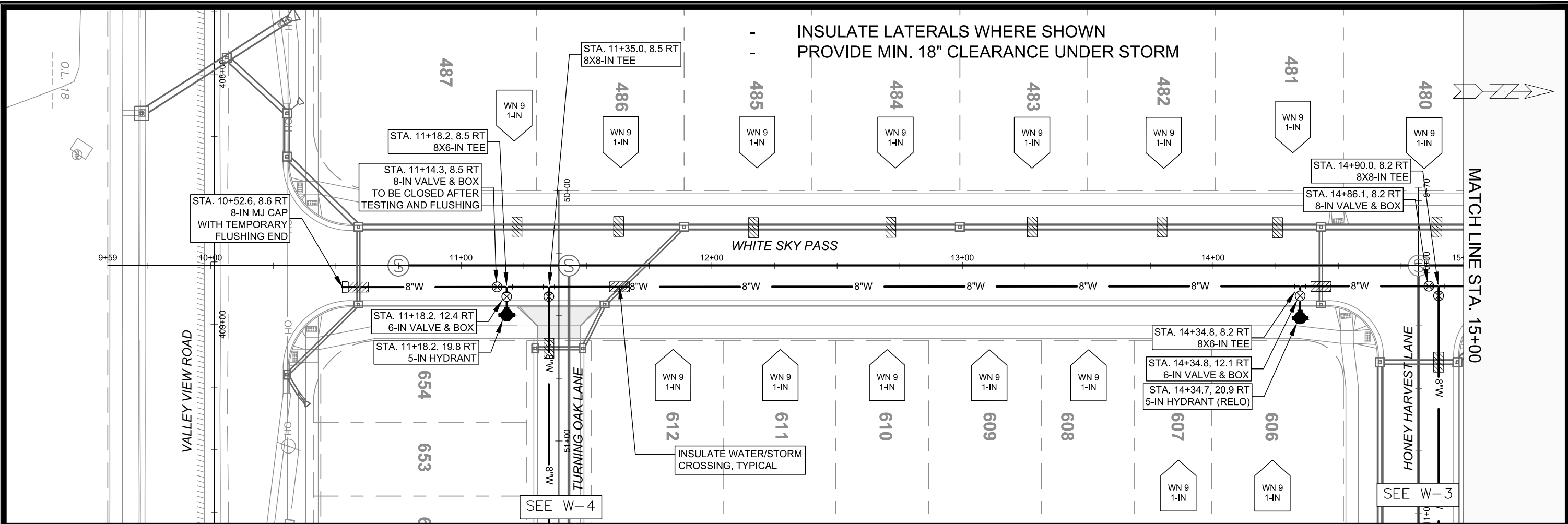
STORM PIPE REMOVALS

REMOVE FROM	REMOVE TO	LENGTH (FT)	SIZE	TYPE	NOTES
VALLEY VIEW ROAD					
EX IN 1862-035	S-7	26	27"	RCP	-

STANDARD NOTES:

- 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.
- 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.
- 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 FIELD Poured SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- 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 STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.
- FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM



INSULATE laterals where shown
 PROVIDE MIN. 18" CLEARANCE UNDER STORM

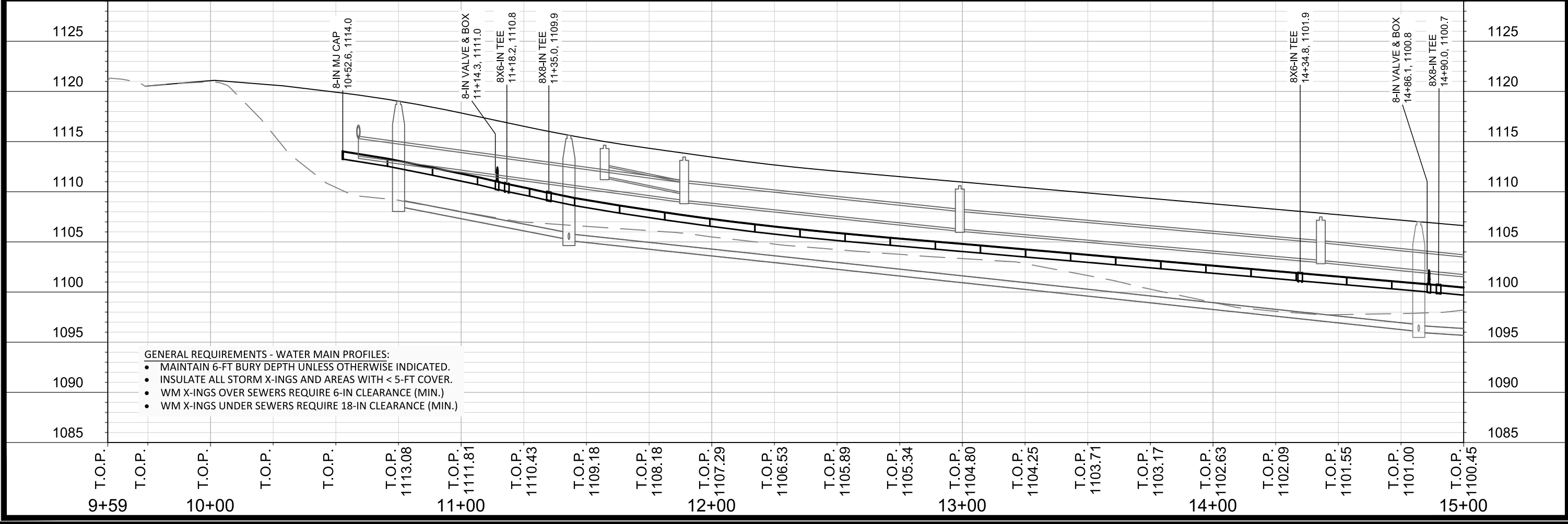
VALLEY VIEW ROAD

WHITE SKY PASS

TURNING OAK LANE

HONEY HARVEST LANE

MATCH LINE STA. 15+00



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

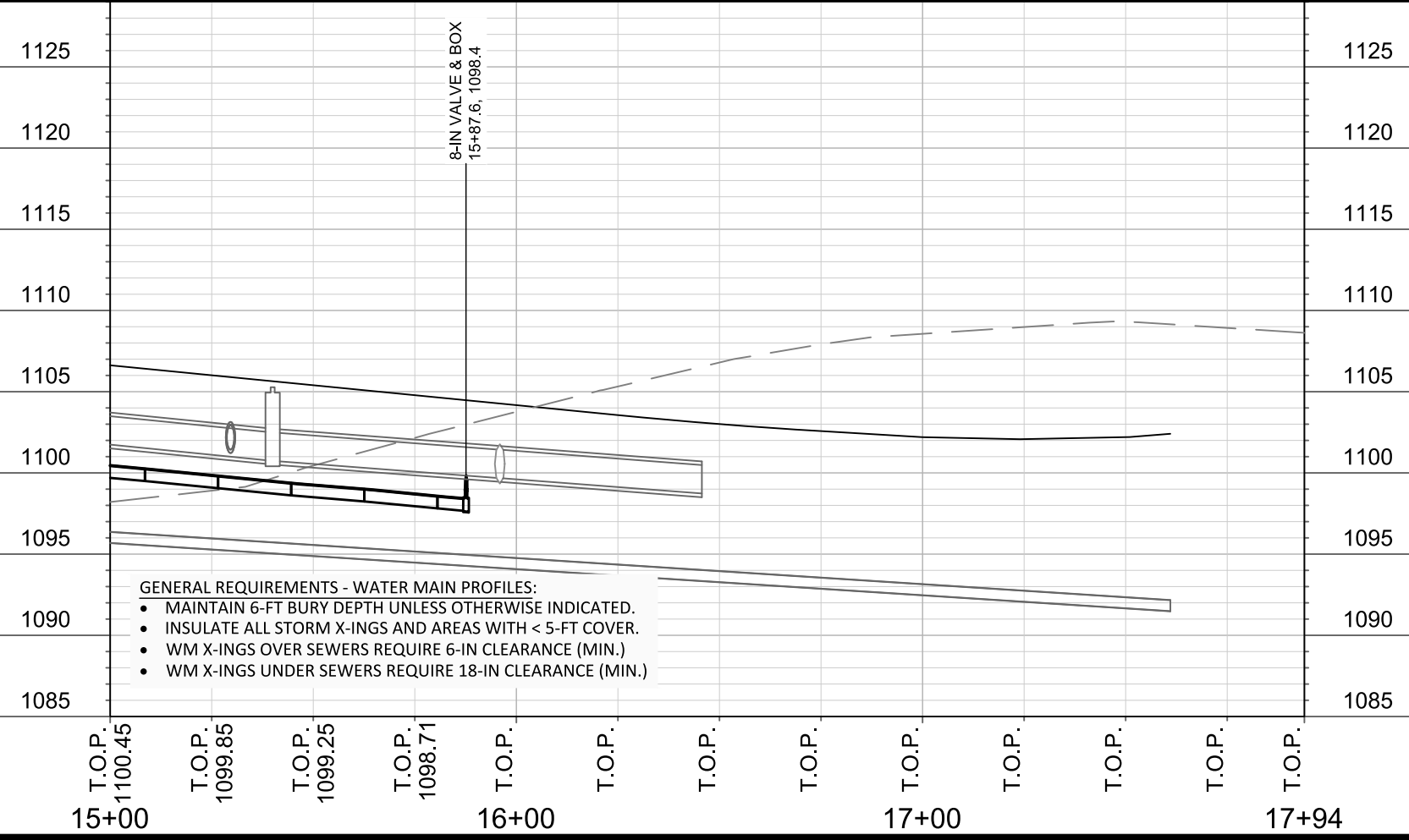
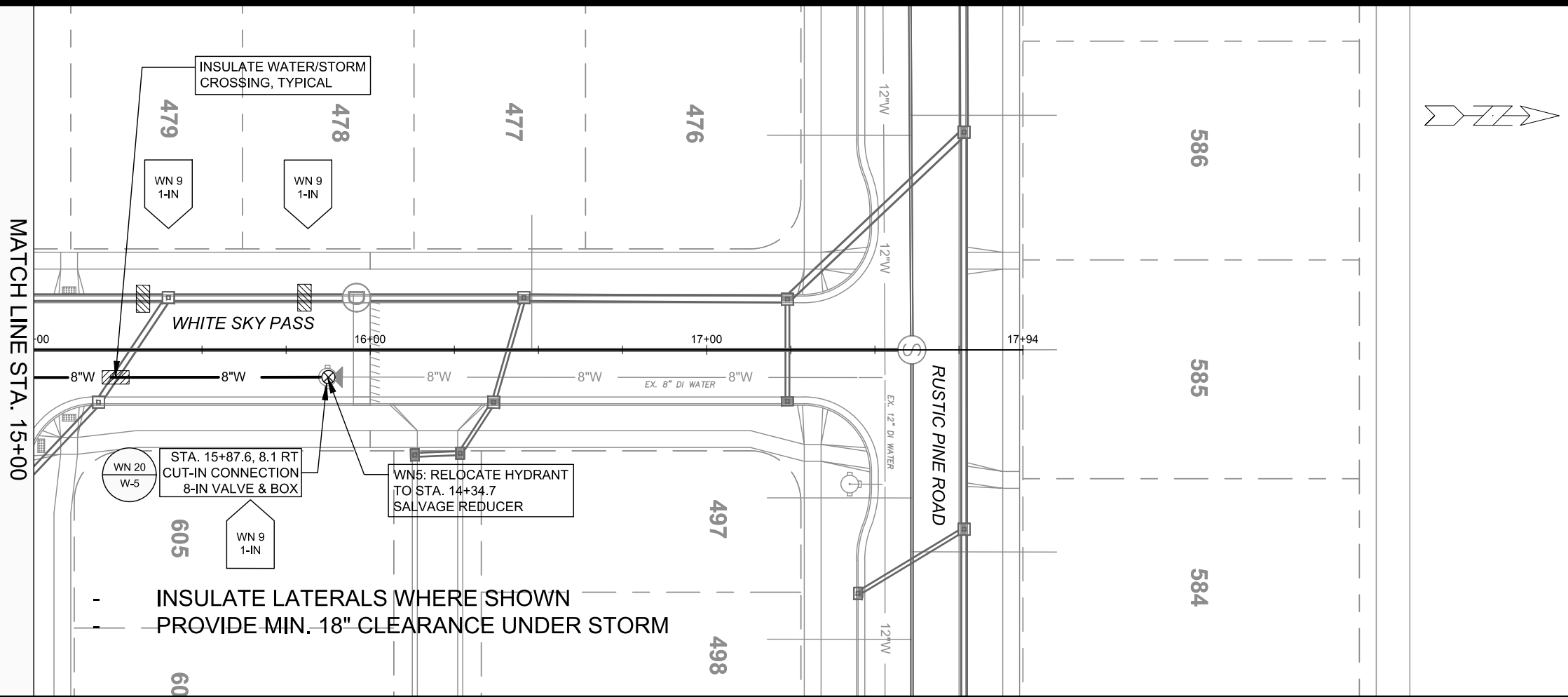
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DESIGNED BY: NGM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 8/7/23

CONTRACT NO: 9260

ACACIA RIDGE PHASE 9
 WATER PLAN AND PROFILE - WHITE SKY PASS
 CITY OF MADISON, WISCONSIN

14432
 W-1



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

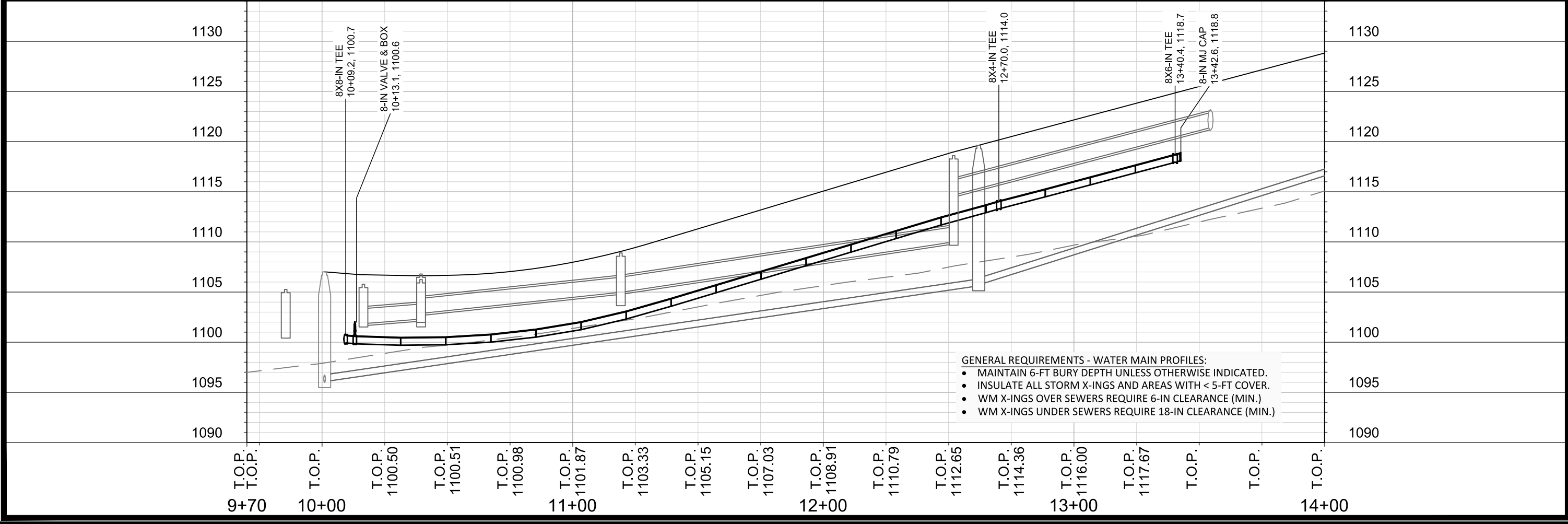
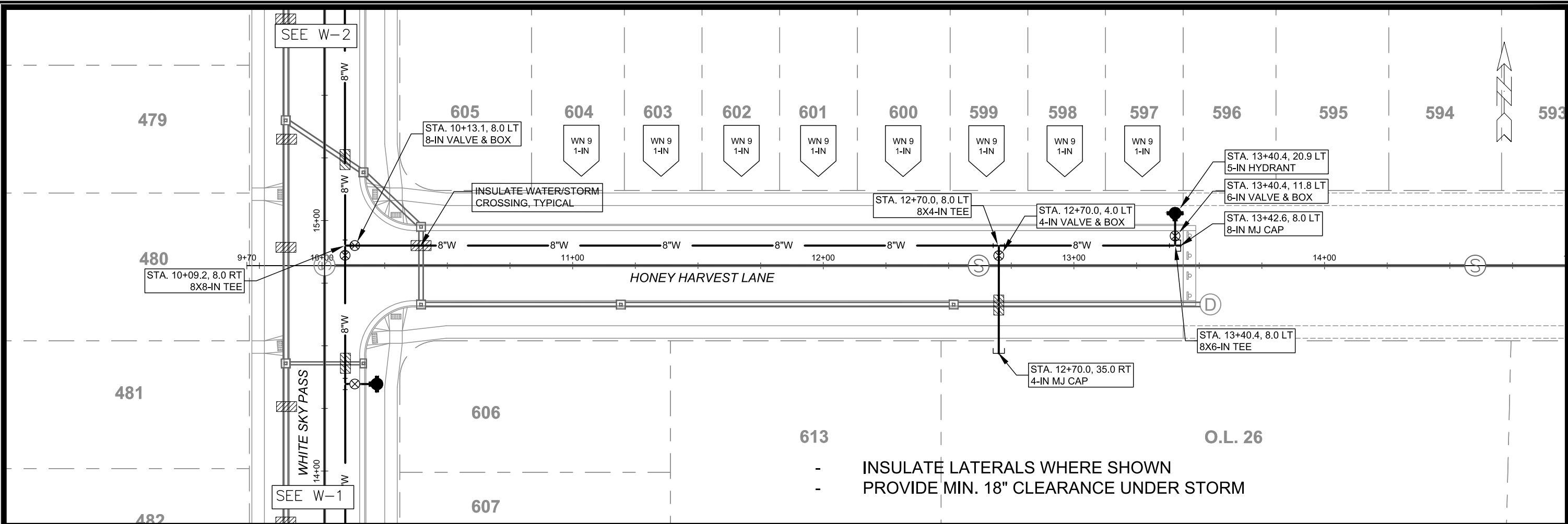
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ACACIA RIDGE PHASE 9
 WATER PLAN AND PROFILE - WHITE SKY PASS
 CITY OF MADISON, WISCONSIN



14432
 W-2

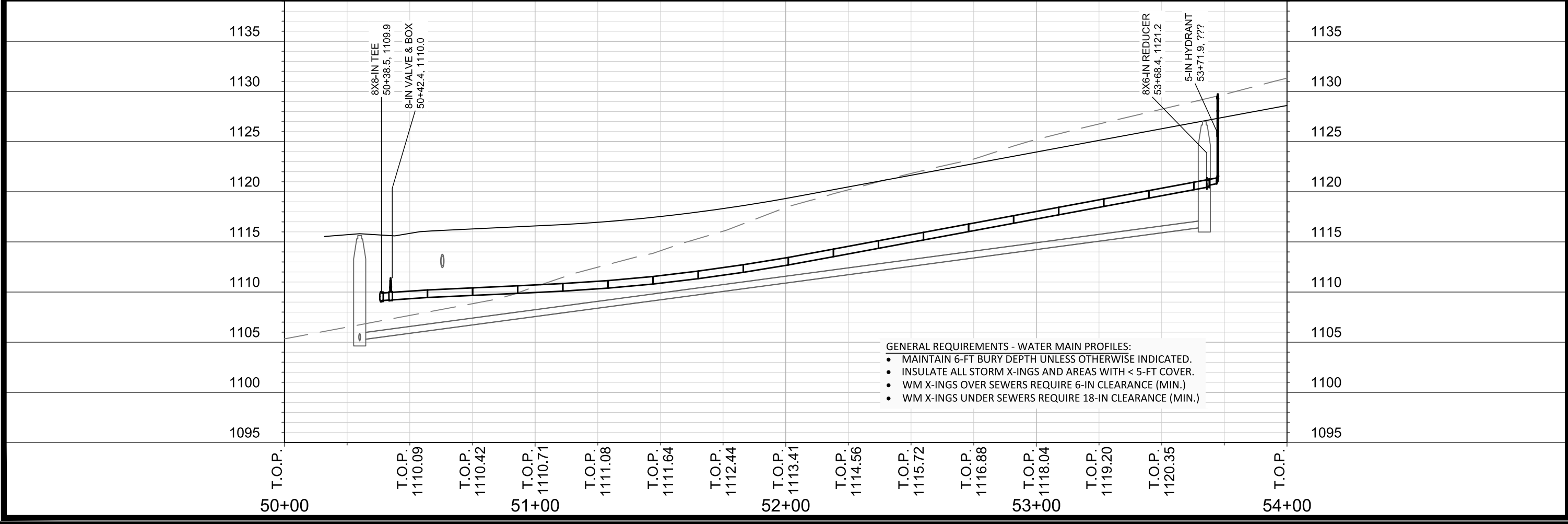
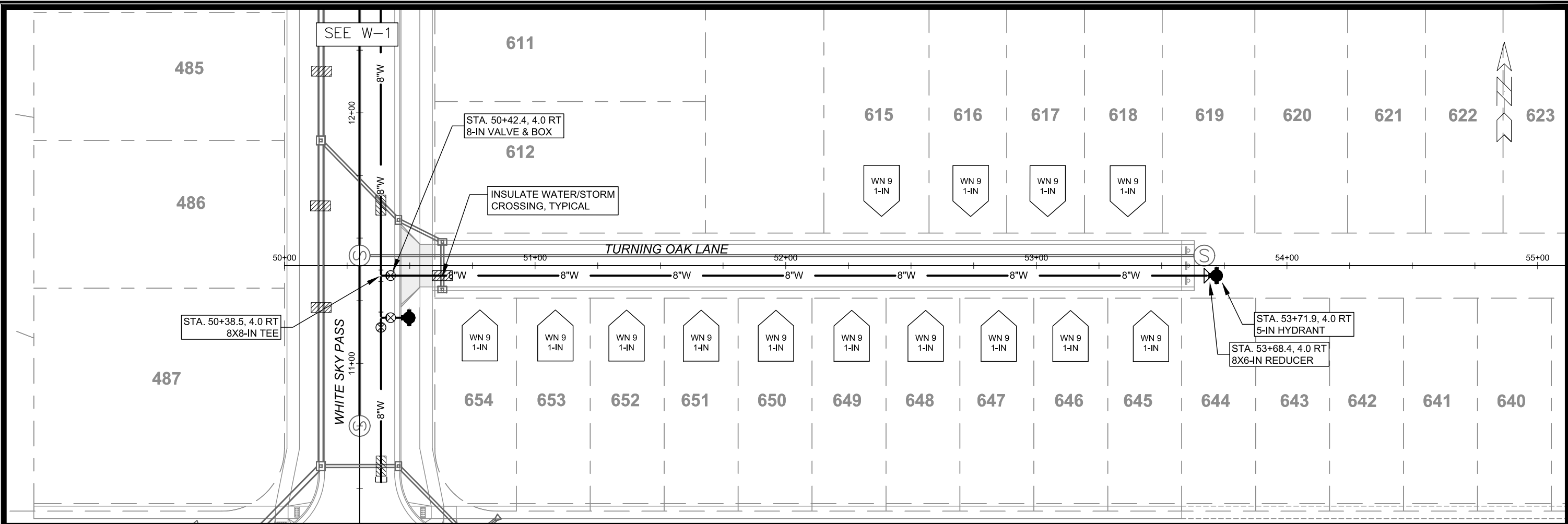


SCALE: 1" = 40'
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 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 8/7/23

ACACIA RIDGE PHASE 9
 WATER PLAN AND PROFILE - HONEY HARVEST LANE
 CITY OF MADISON, WISCONSIN

CONTRACT NO: 9260

14432
 W-3



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

SCALE: 1" = 40'
 DESIGNED BY: NGM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 8/7/23

CONTRACT NO: 9260

ACACIA RIDGE PHASE 9
 WATER PLAN AND PROFILE - TURNING OAK LANE
 CITY OF MADISON, WISCONSIN



14432
 W-4



CONSTRUCTION NOTES:

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT STORM CROSSINGS AND OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER. 2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED. 3. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE. | <p>WN-1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.</p> <p>WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.</p> <p>WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.</p> <p>WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.</p> <p>WN-5 RELOCATE THE EXISTING FIRE HYDRANT.</p> <p>WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.</p> <p>WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.</p> <p>WN-8 ABANDON THE VALVE BOX.</p> <p>WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.</p> <p>WN-10 REMOVE AND SALVAGE EXISTING HYDRANT</p> <p>WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE</p> <p>WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.</p> |
|--|--|

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

PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70001	FURNISH AND INSTALL 4-INCH PIPE & FITTINGS	46	LNFT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	40	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	1307	LNFT
70030	FURNISH AND INSTALL 4-INCH WATER VALVE	1	EACH
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	5	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	3	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	41	EACH
70101	FURNISH AND INSTALL STYROFOAM	16	EACH
71000	4-IN MJ CAP	1	EACH
71002	8-IN MJ CAP	2	EACH
71159	8X6-IN REDUCER	1	EACH
71209	8X4-IN TEE	1	EACH
71210	8X6-IN TEE	3	EACH
71211	8X8-IN TEE	2	EACH

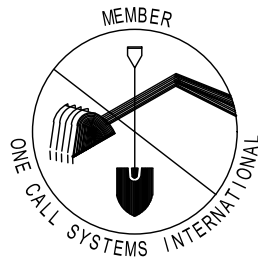
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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 WATER UTILITY:**

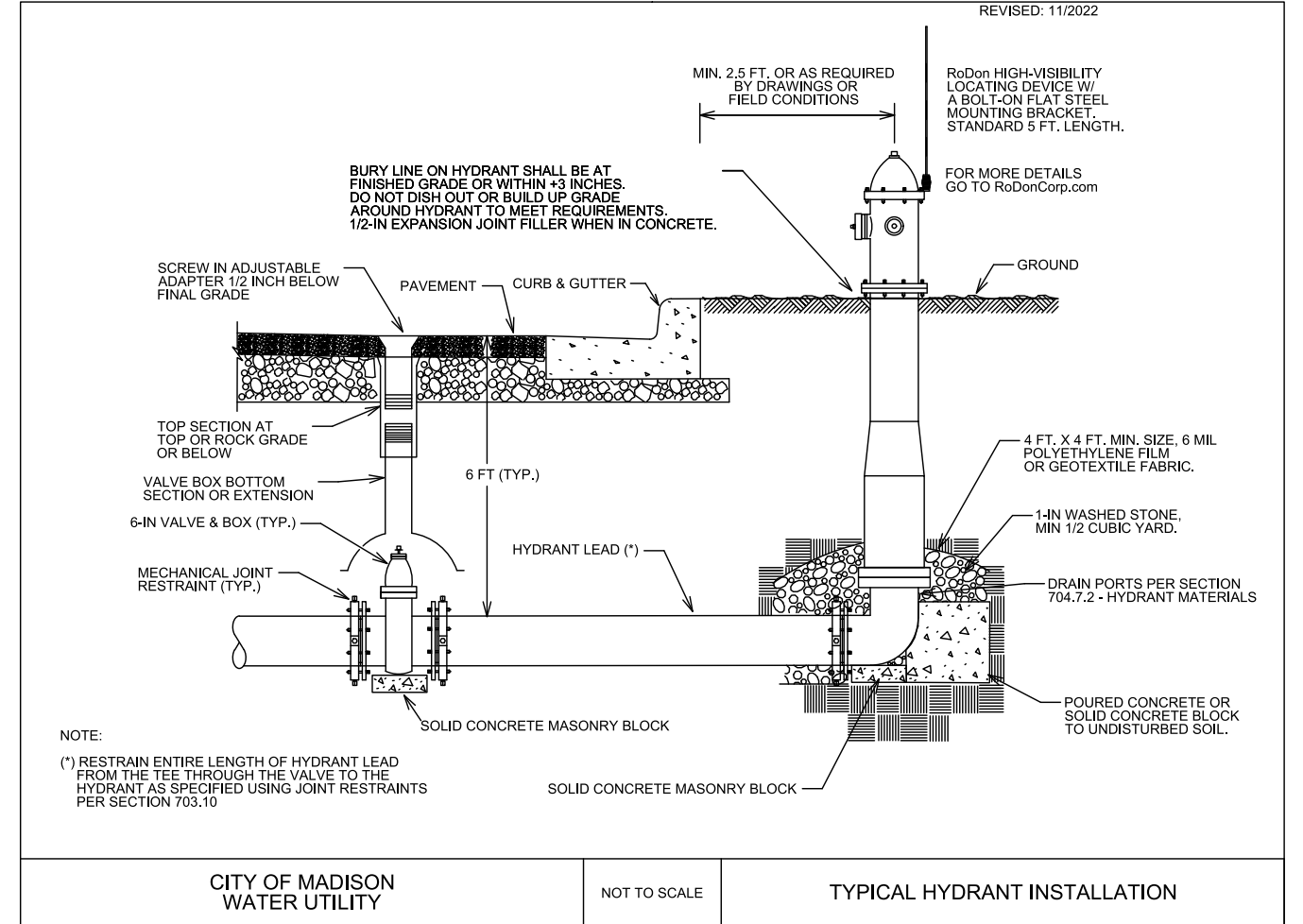
DESCRIPTION	QUANTITY	UNIT
RELOCATED HYDRANT	1	EACH

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.

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

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
REVISED: 11/2022



CITY OF MADISON WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

SCALE: N/A
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 8/7/23

CONTRACT NO: 9260

ACACIA RIDGE PHASE 9
WATER ESTIMATE OF MATERIALS
CITY OF MADISON, WISCONSIN



14432

W-5



1" = 100'

WN20: CUT-IN CONNECTION
WHITE SKY PASS

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

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

SCALE: 1" = 100'
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 8/7/23

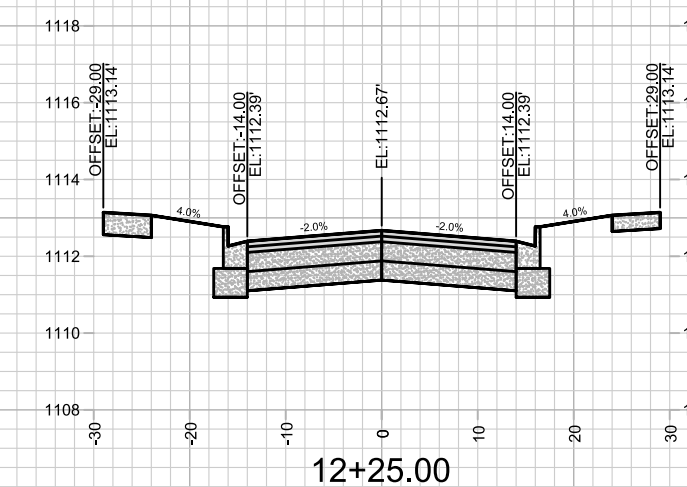
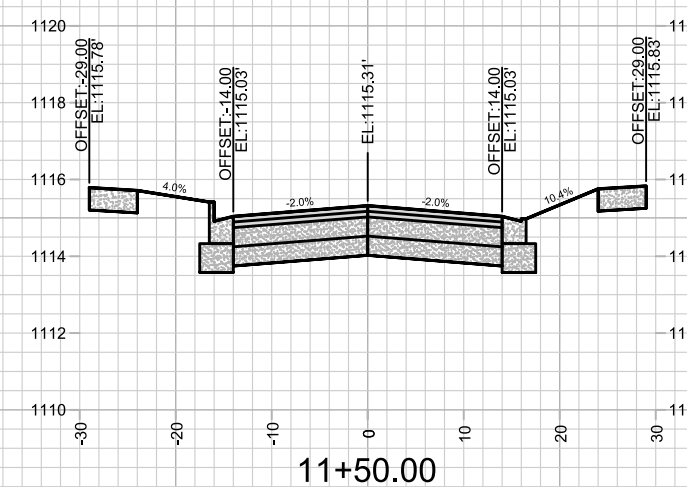
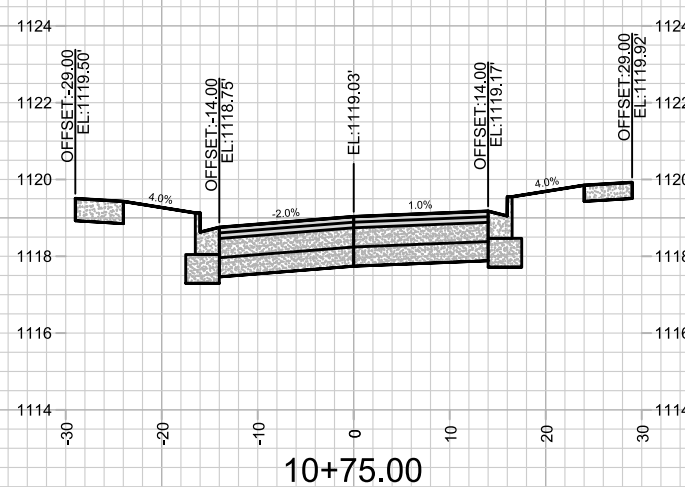
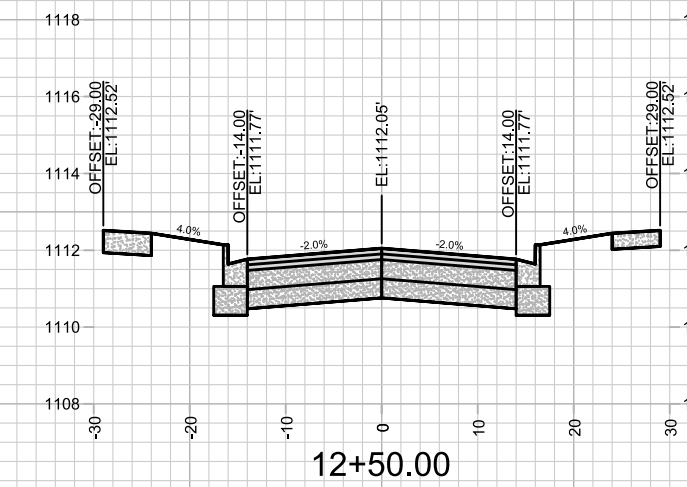
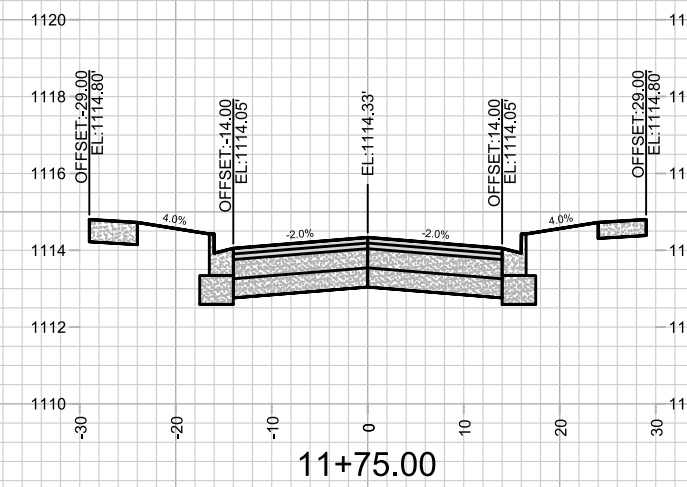
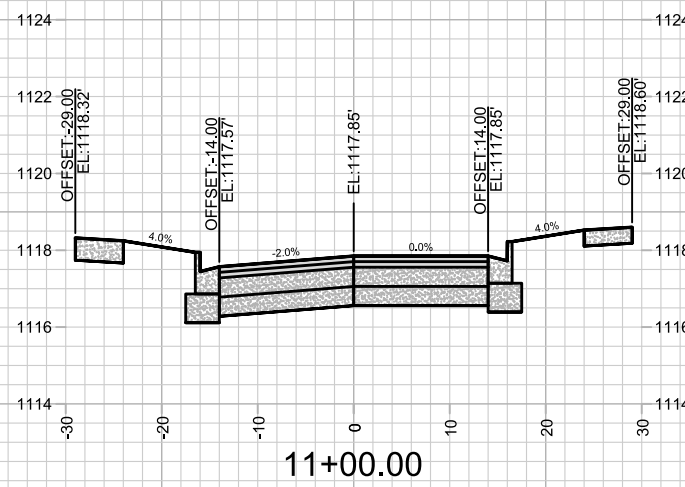
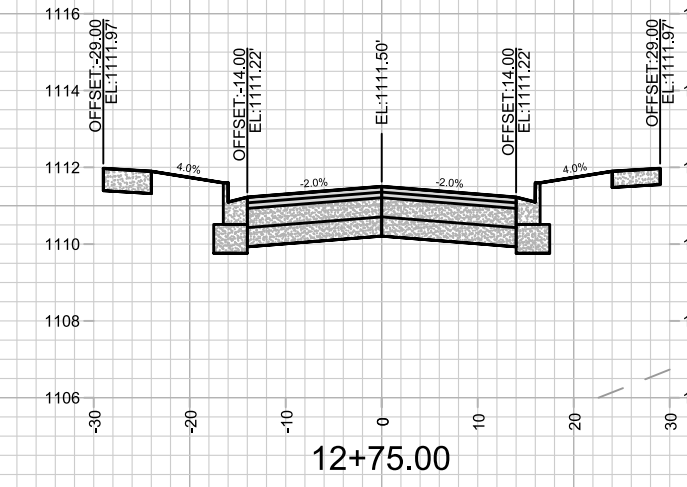
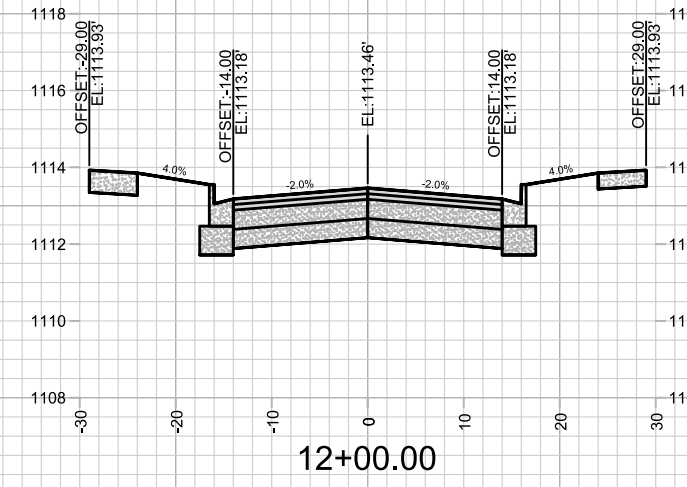
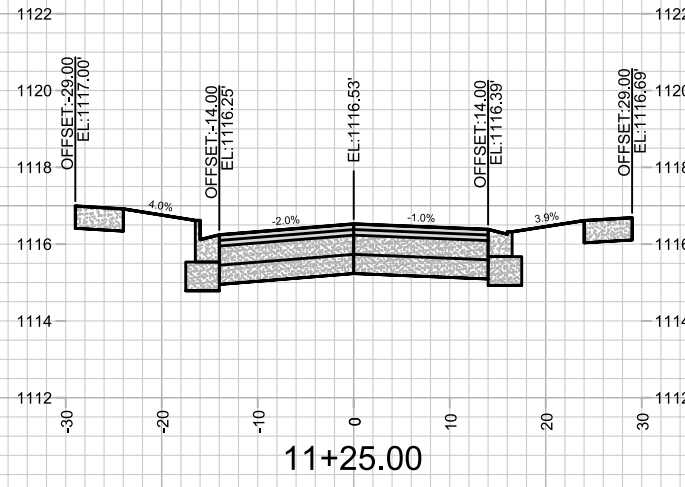
CONTRACT NO: 9260

ACACIA RIDGE PHASE 9
WATER IMPACT PLAN
CITY OF MADISON, WISCONSIN



14432
W-6

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MARK	REVISION	DATE	BY

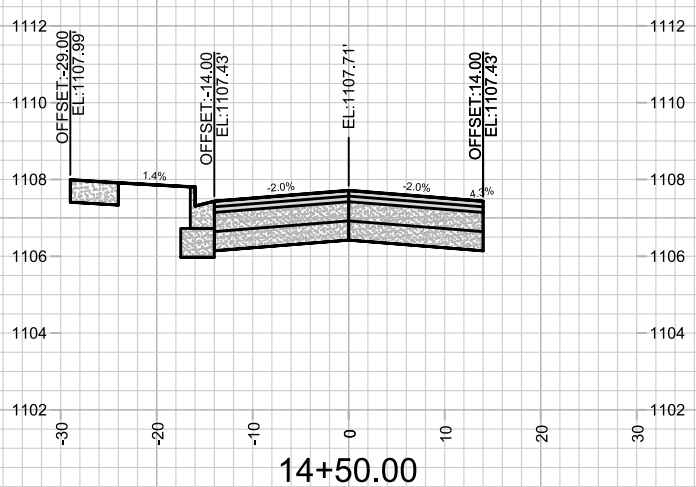
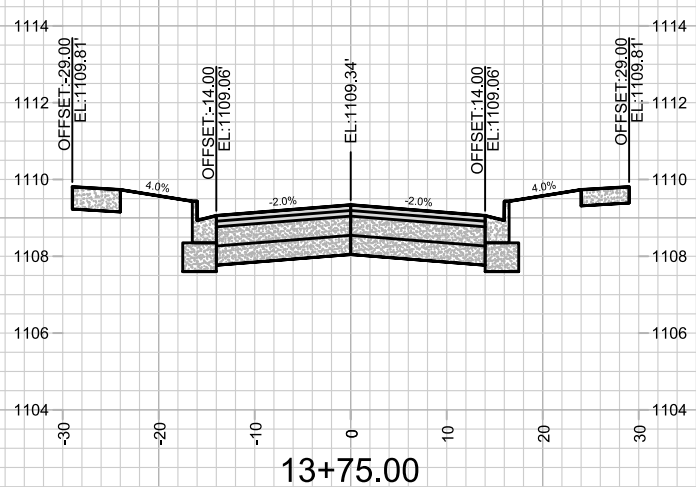
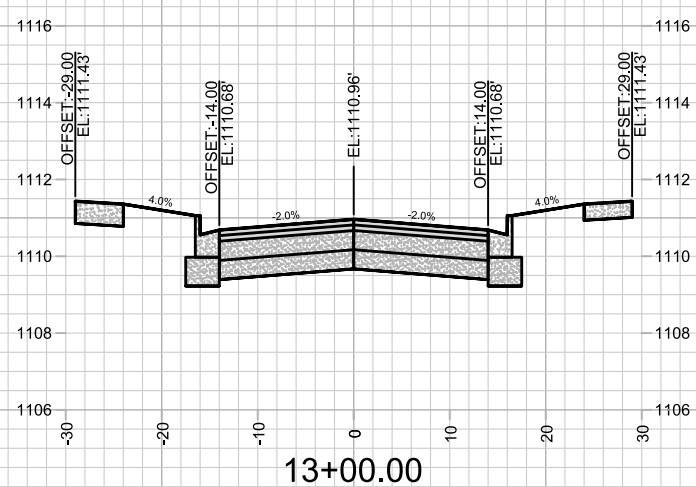
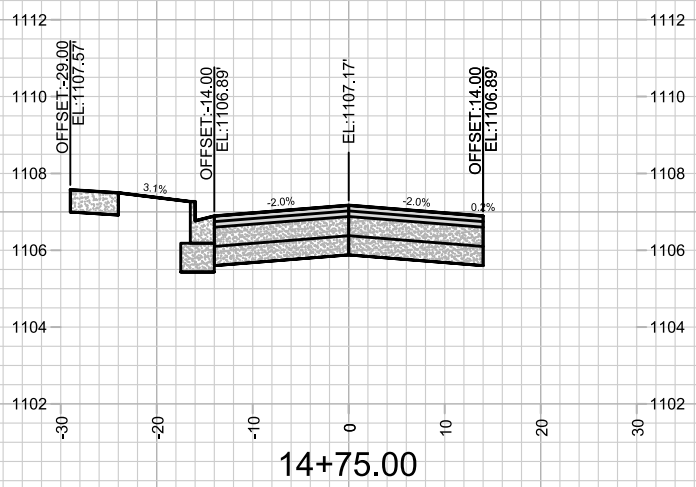
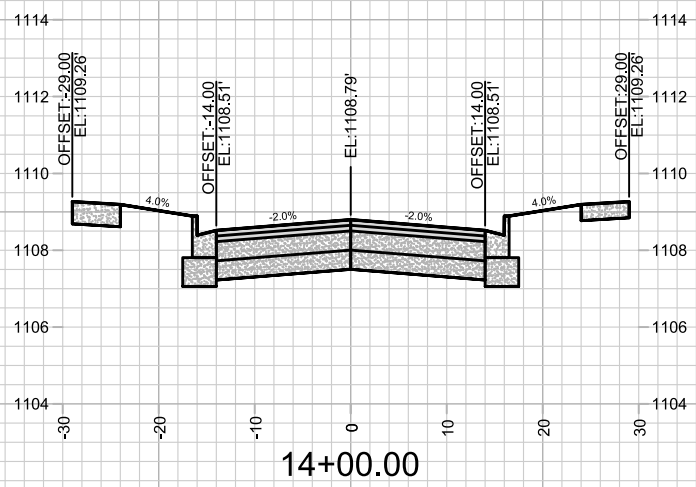
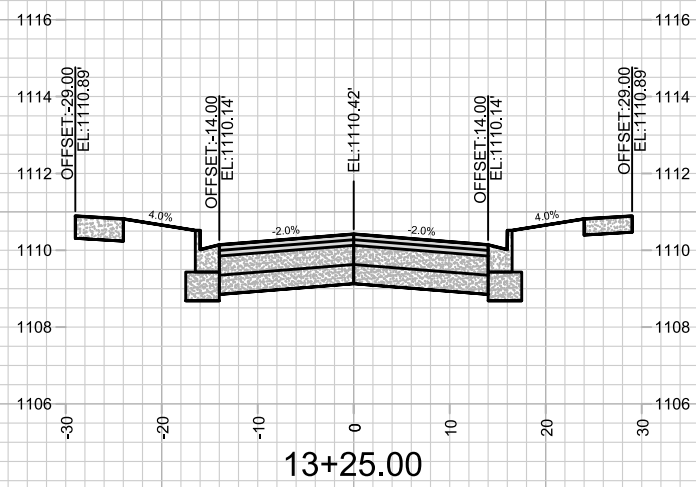
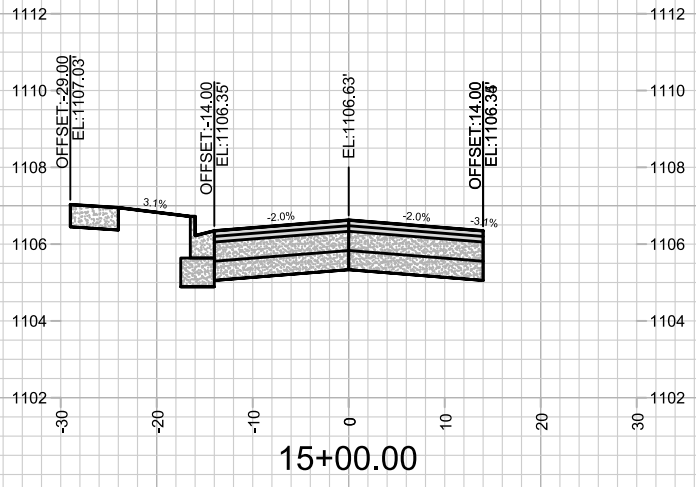
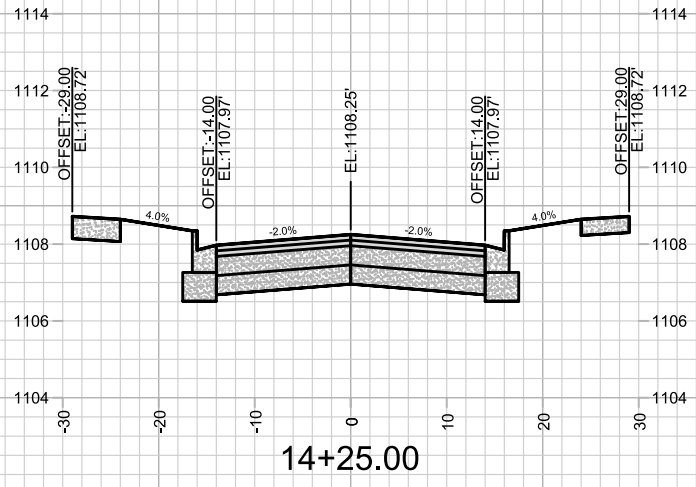
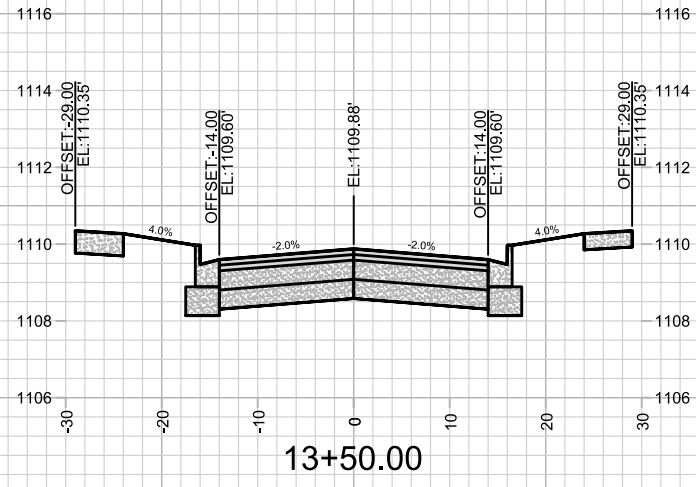
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 14432

14432
 MADISON, WI
 9260
 CONTRACT NO:

CROSS SECTIONS - WHITE SKY PASS
 ACACIA RIDGE PHASE 9
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14432
 X-1



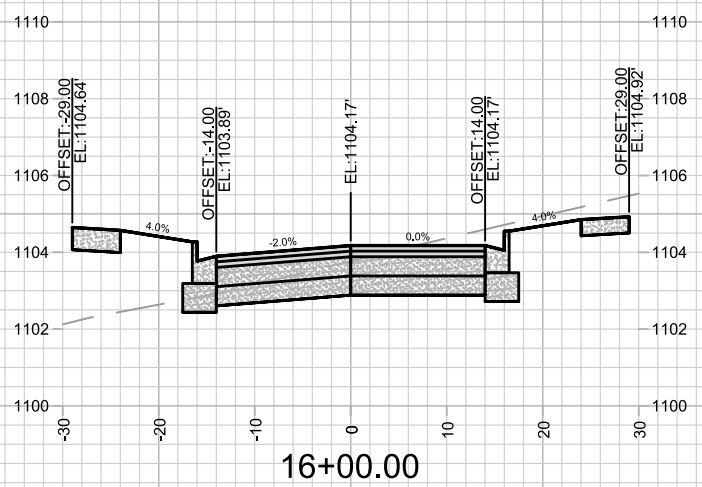
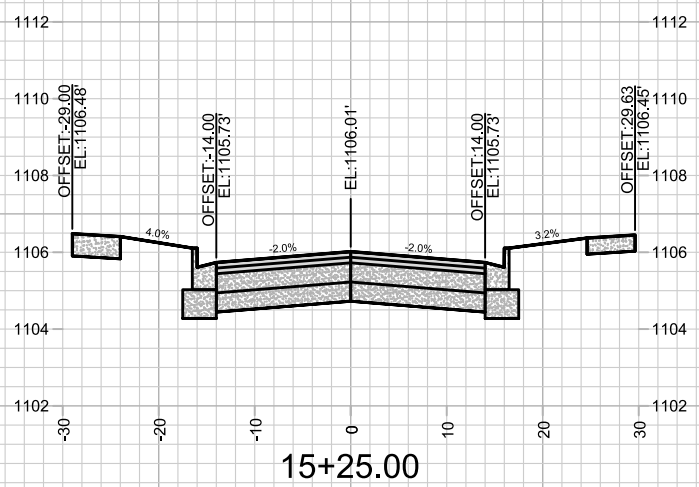
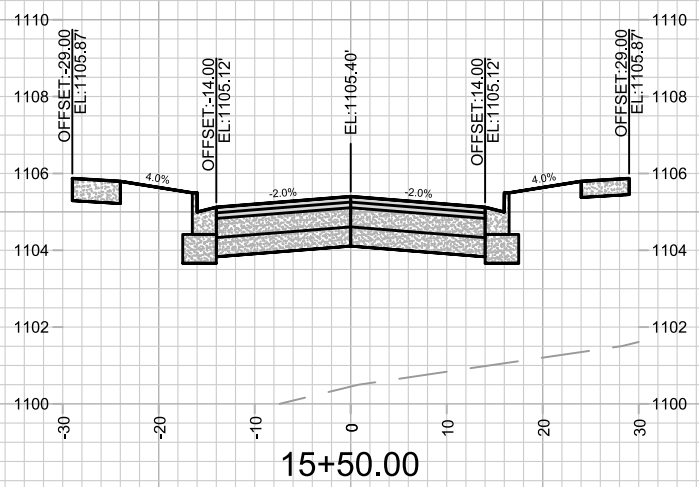
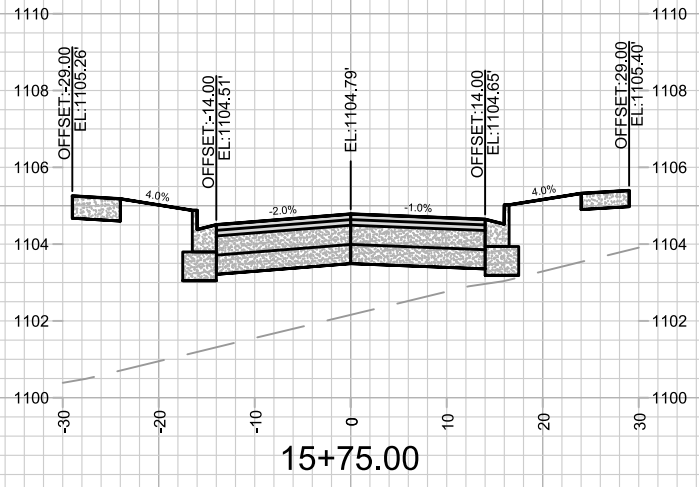
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14432
MADISON, WI
9260
CONTRACT NO:

CROSS SECTIONS - WHITE SKY PASS
ACACIA RIDGE PHASE 9
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14432
X-2



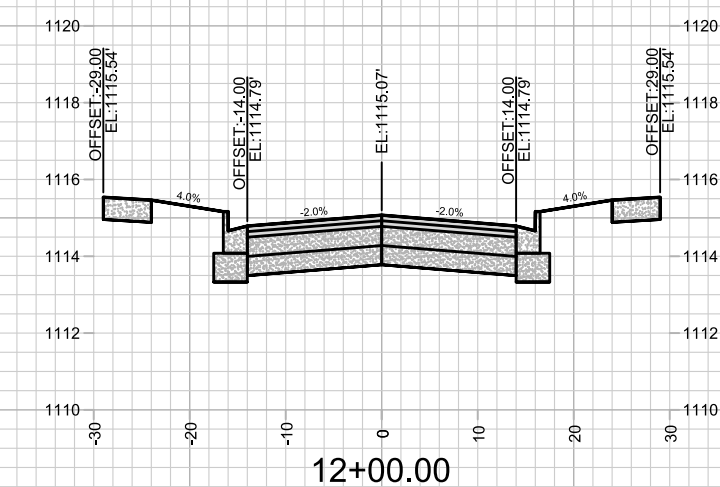
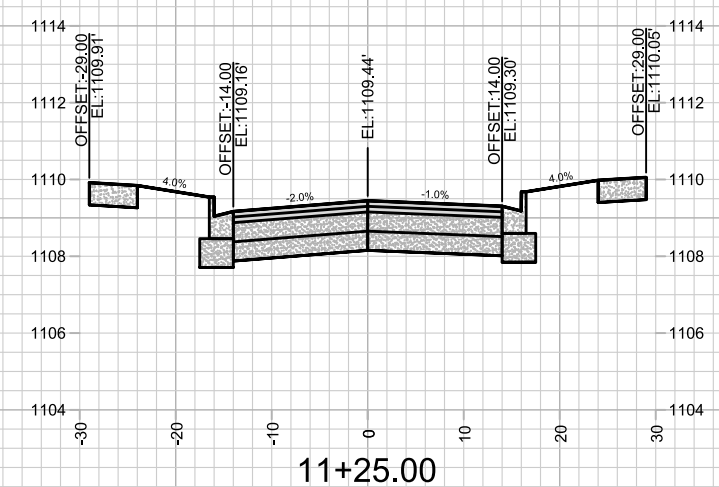
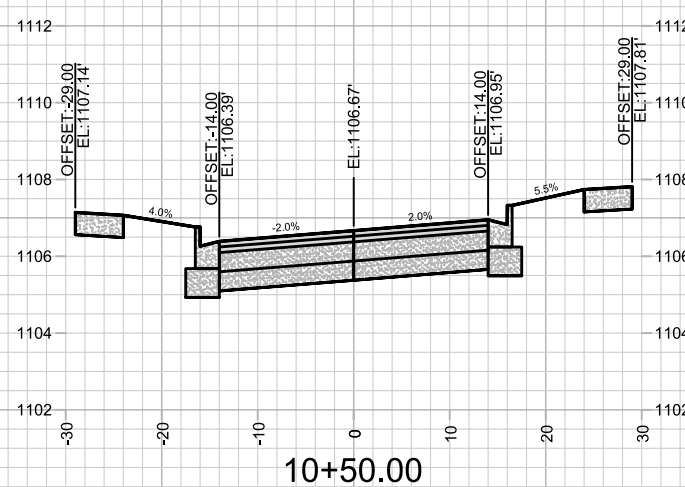
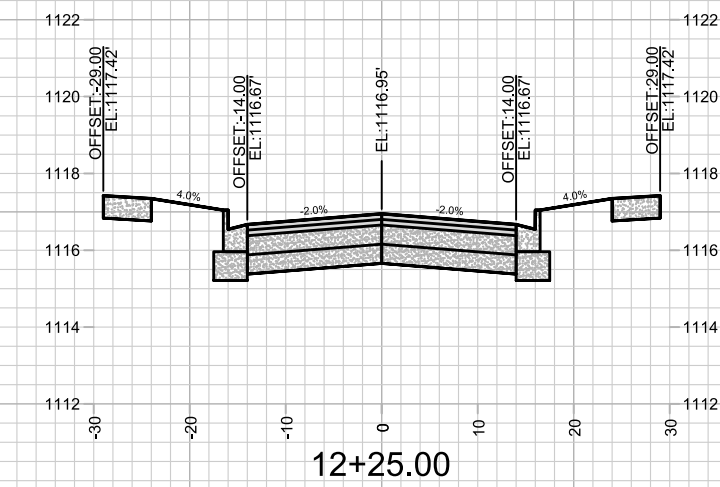
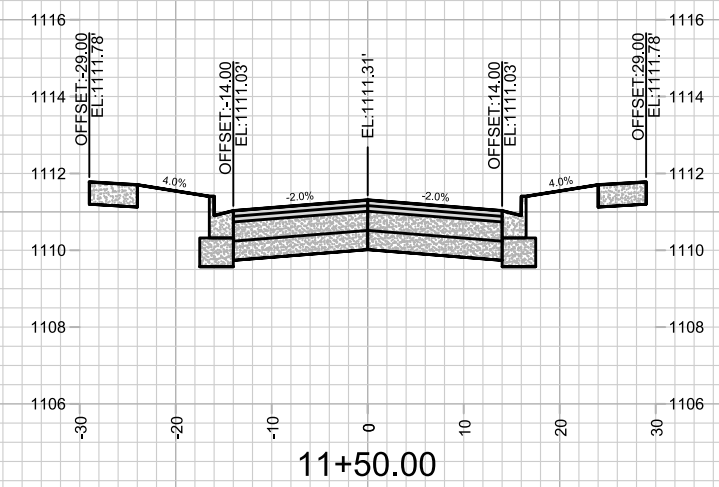
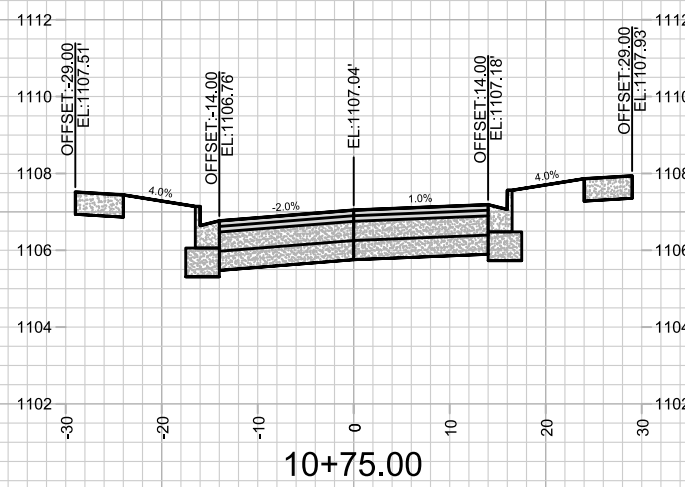
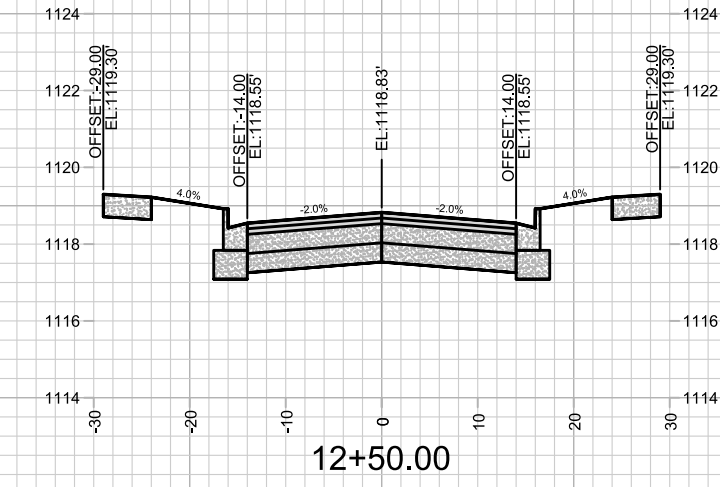
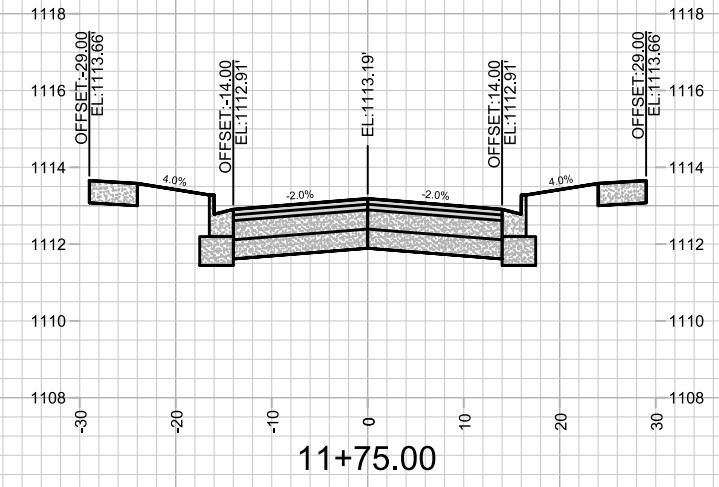
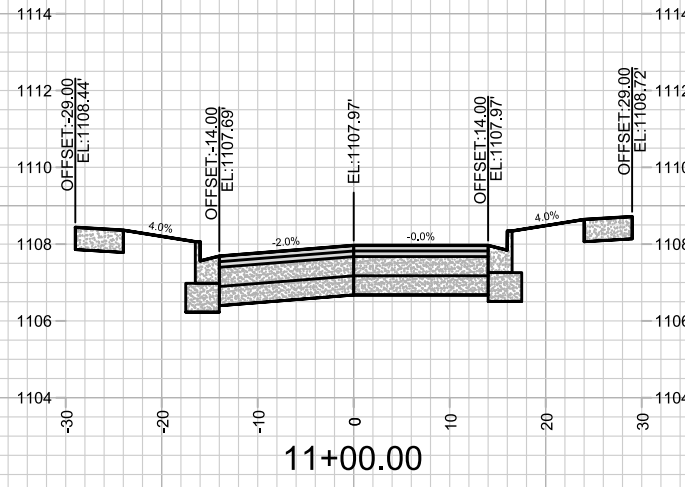
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Designed By: FBEG			Date: 7/30/2023 11:11 AM
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14432
MADISON, WI
9260
CONTRACT NO:

CROSS SECTIONS - WHITE SKY PASS
ACACIA RIDGE PHASE 9
M:\DESIGN\Projects\14432\CAD\Streets\14432EN-Xsections.dwg



14432
X-3



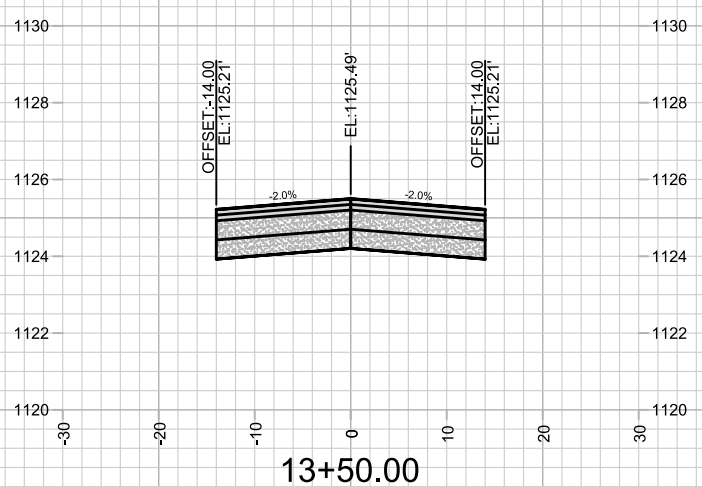
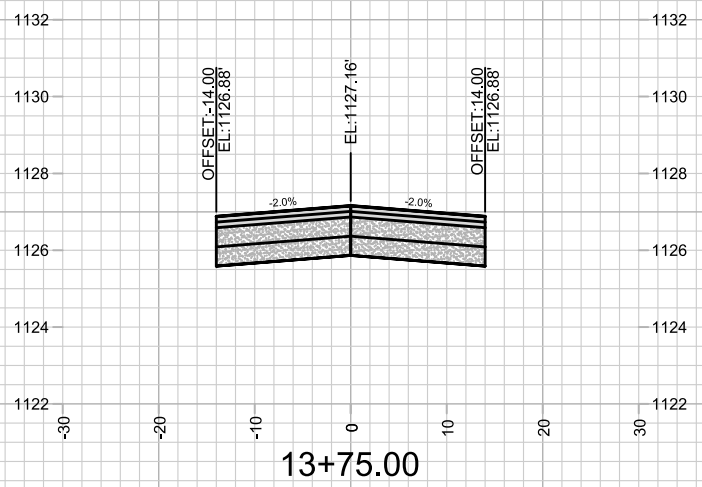
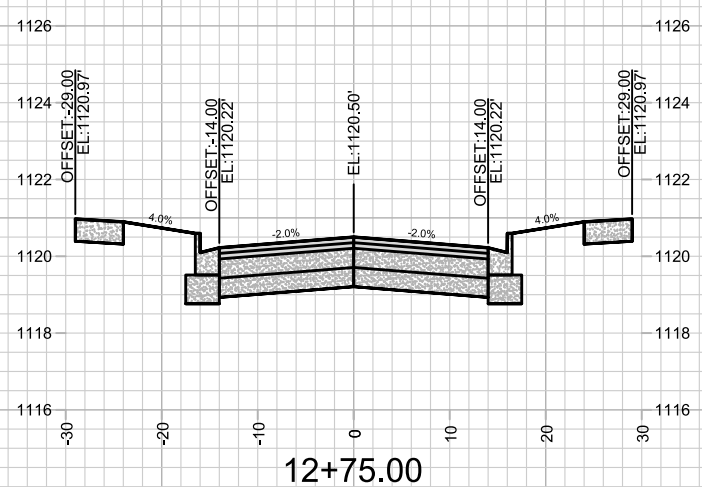
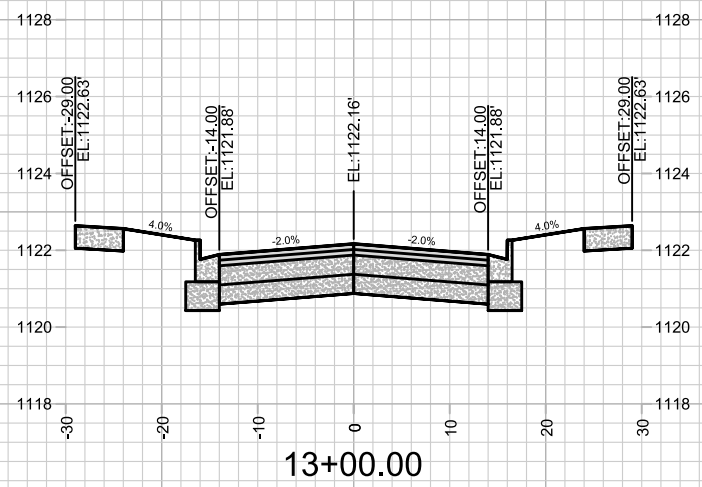
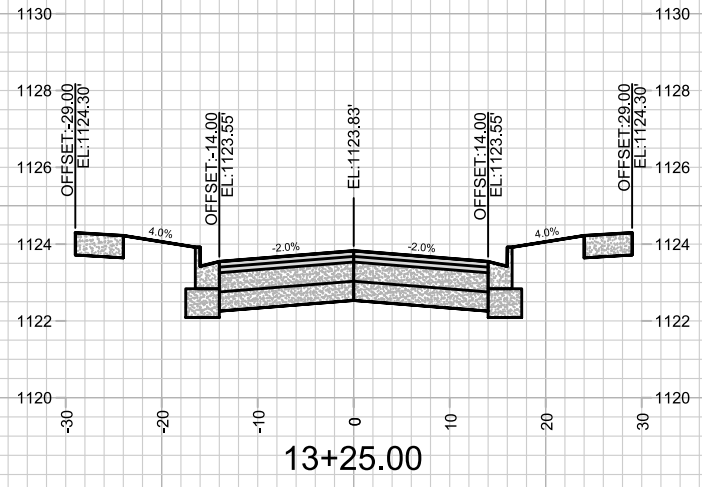
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 MADISON, WI
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CROSS SECTIONS - HONEY HARVEST LANE
 ACACIA RIDGE PHASE 9
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 X-4



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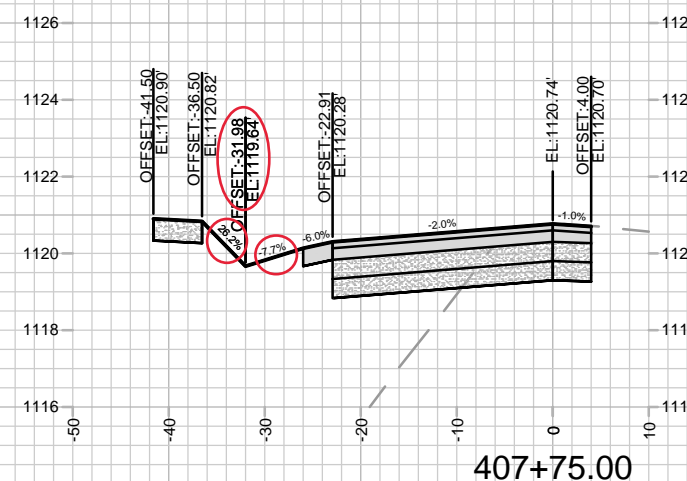
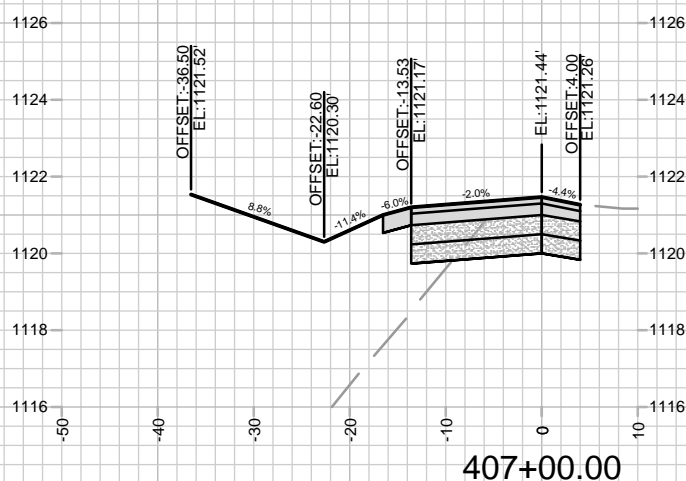
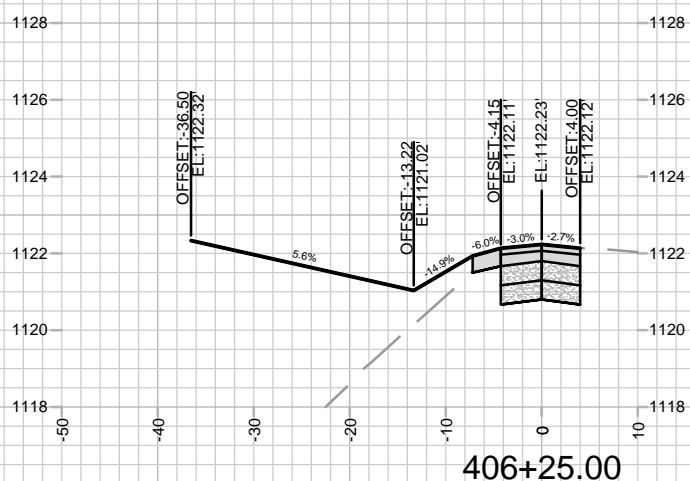
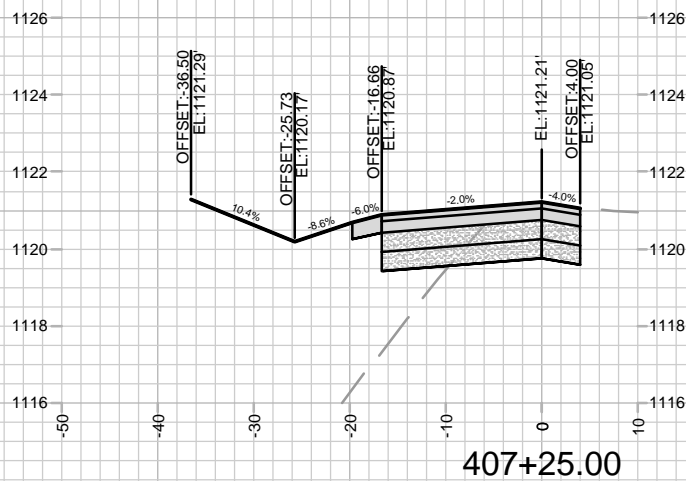
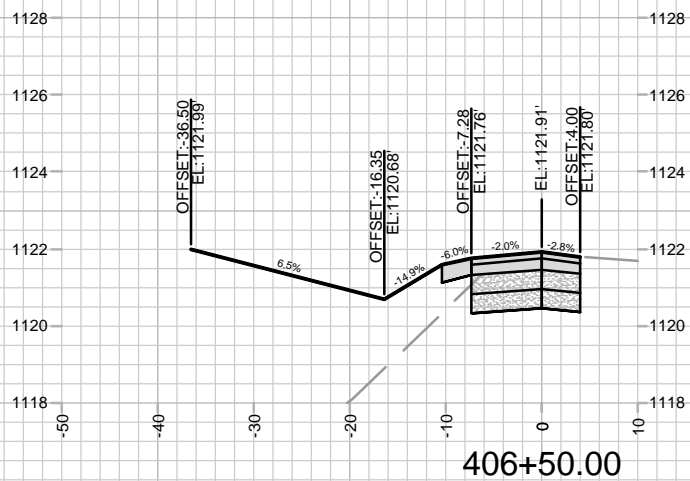
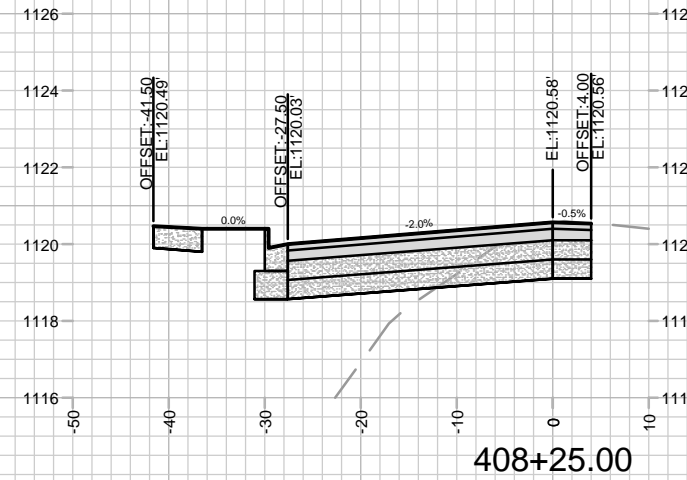
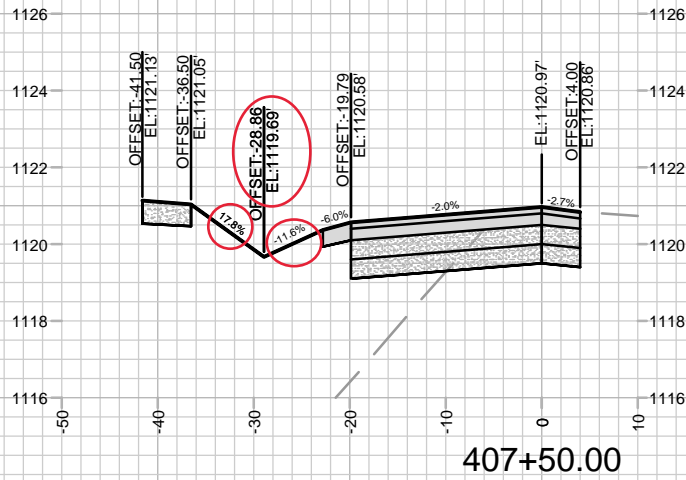
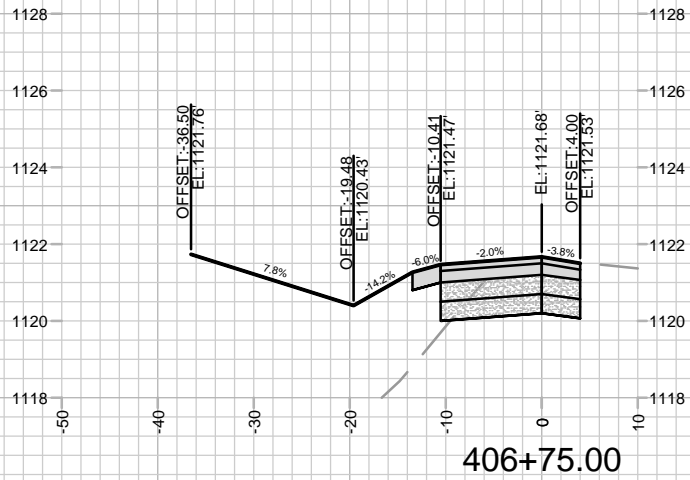
14432
MADISON, WI
9260
CONTRACT NO:

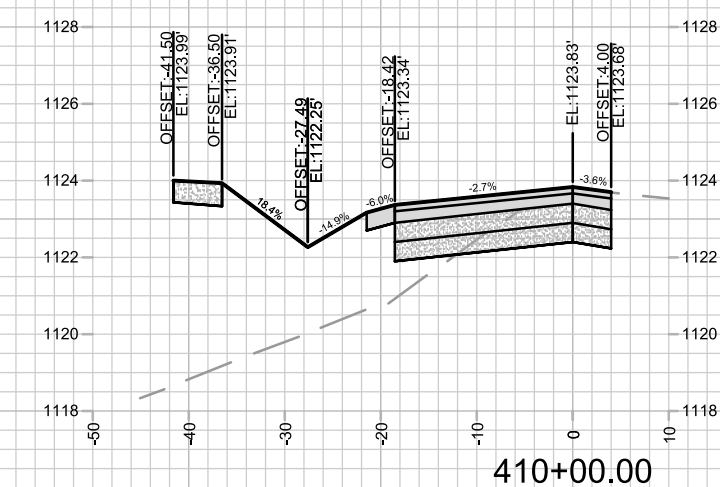
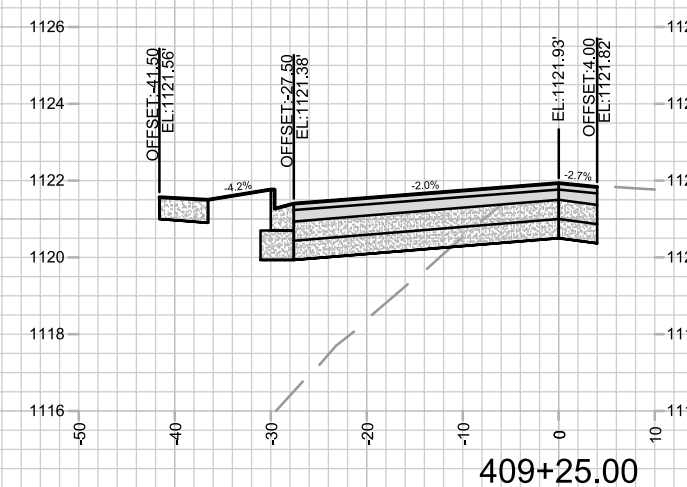
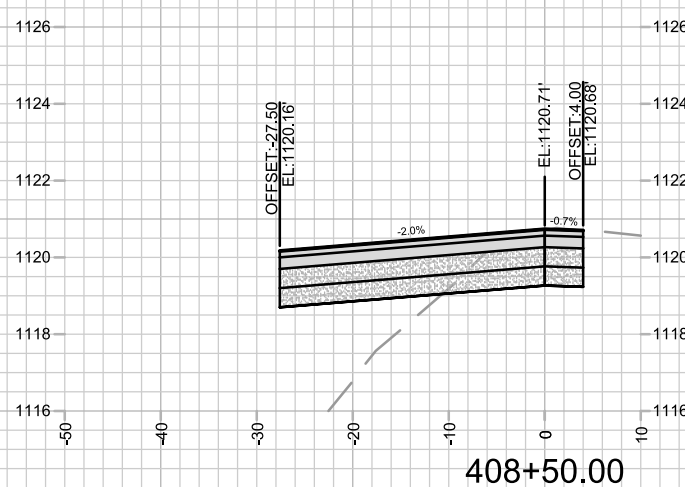
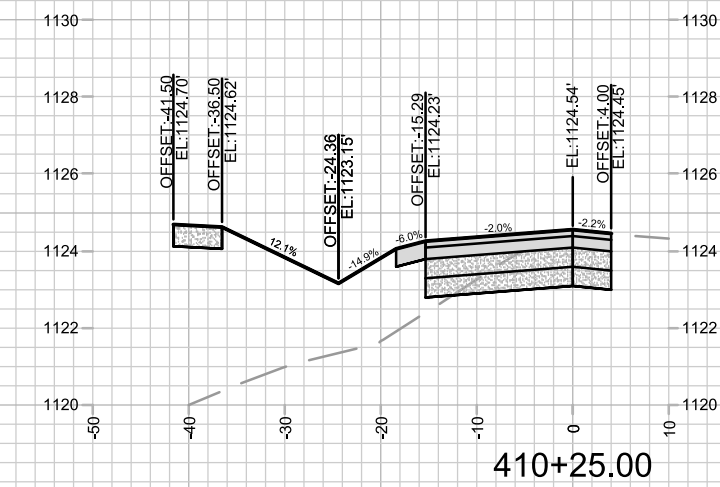
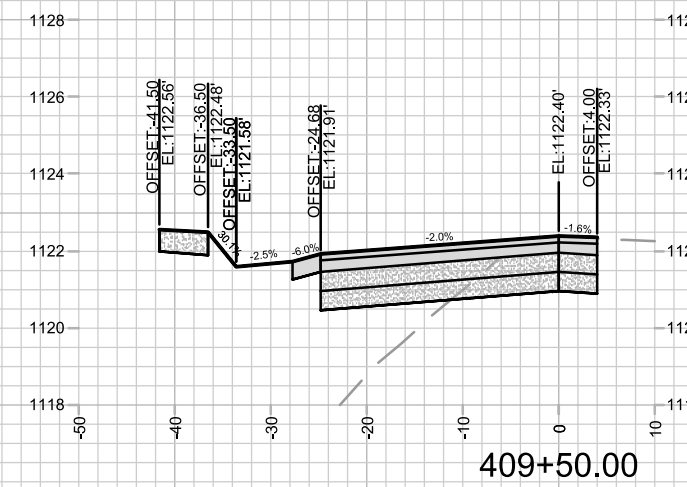
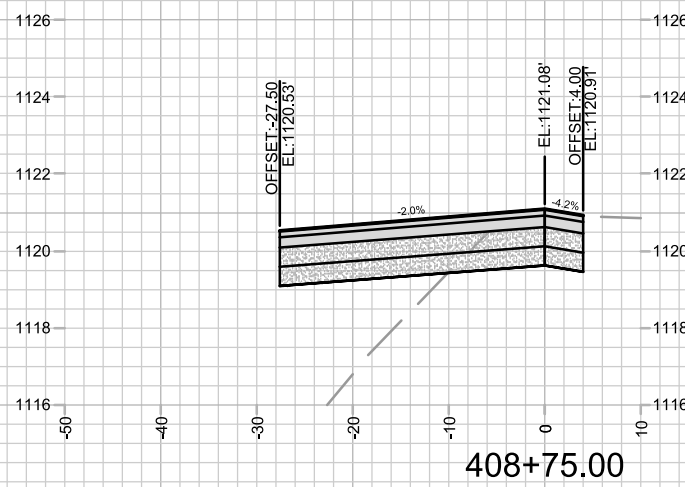
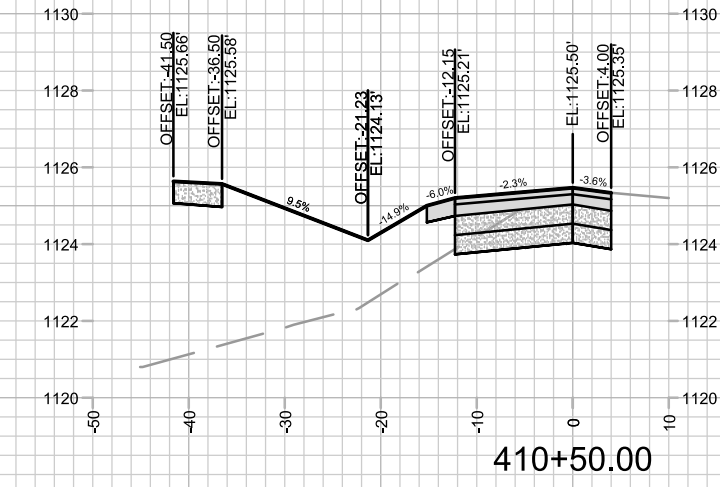
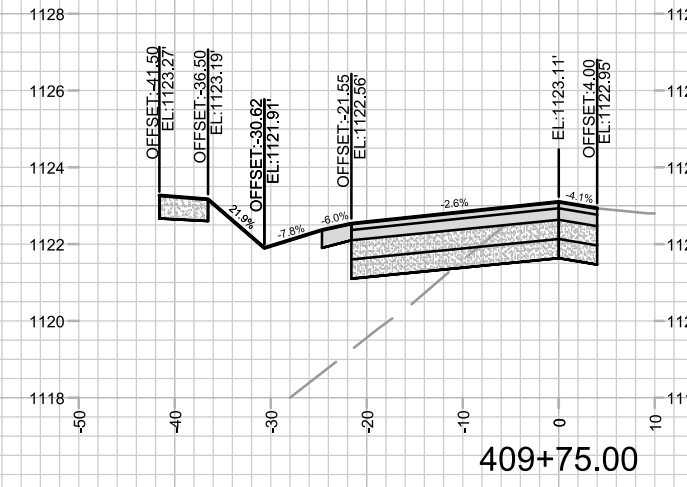
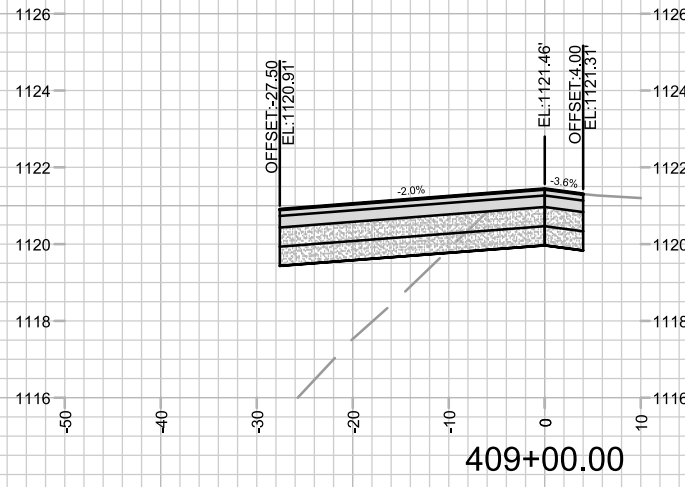
CROSS SECTIONS - HONEY HARVEST LANE
ACACIA RIDGE PHASE 9
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REVISED 8/21/2023 - FBEG
1. REVISED GRADES ALONG DITCH.





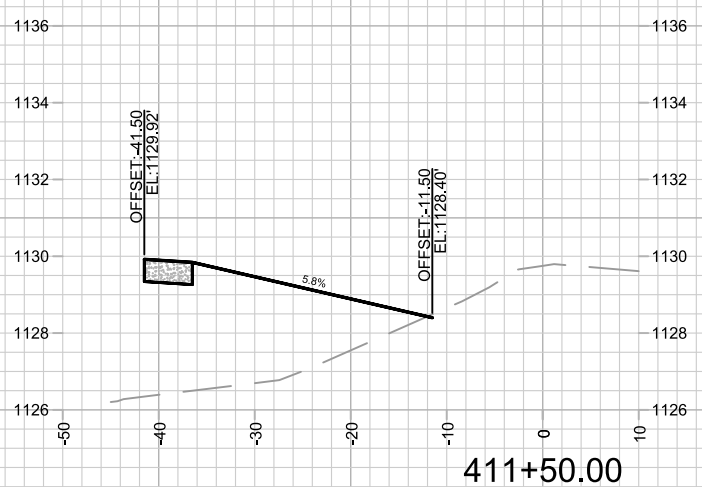
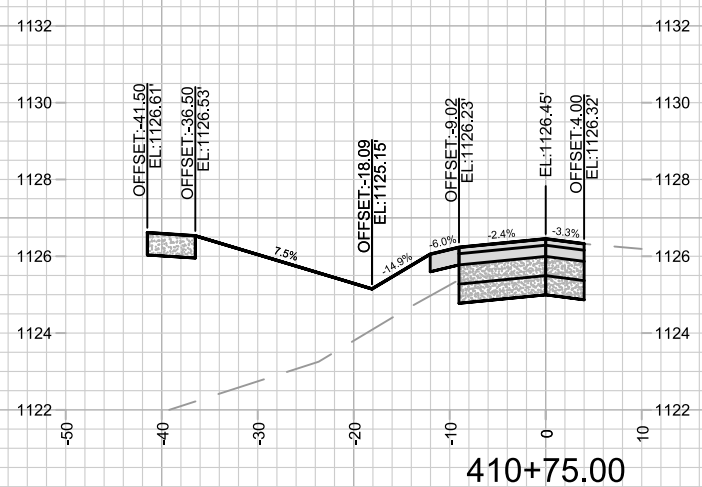
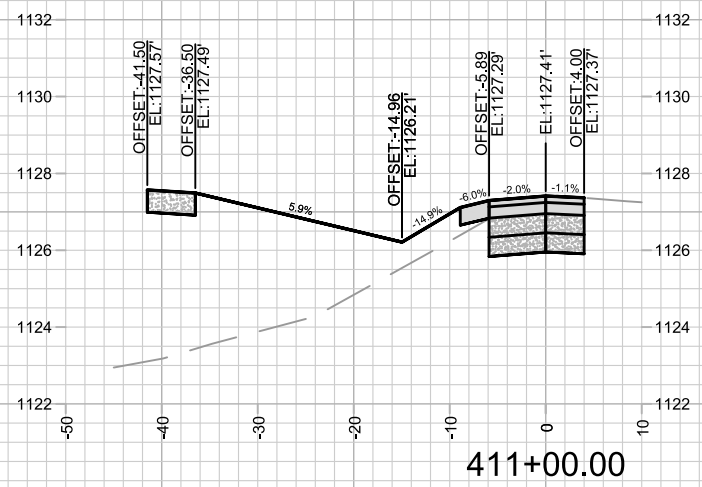
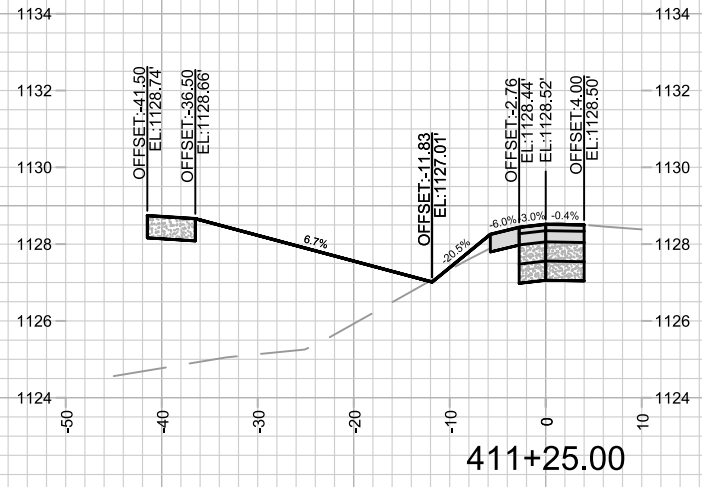
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CROSS SECTIONS - VALLEY VIEW ROAD
ACACIA RIDGE PHASE 9
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