

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

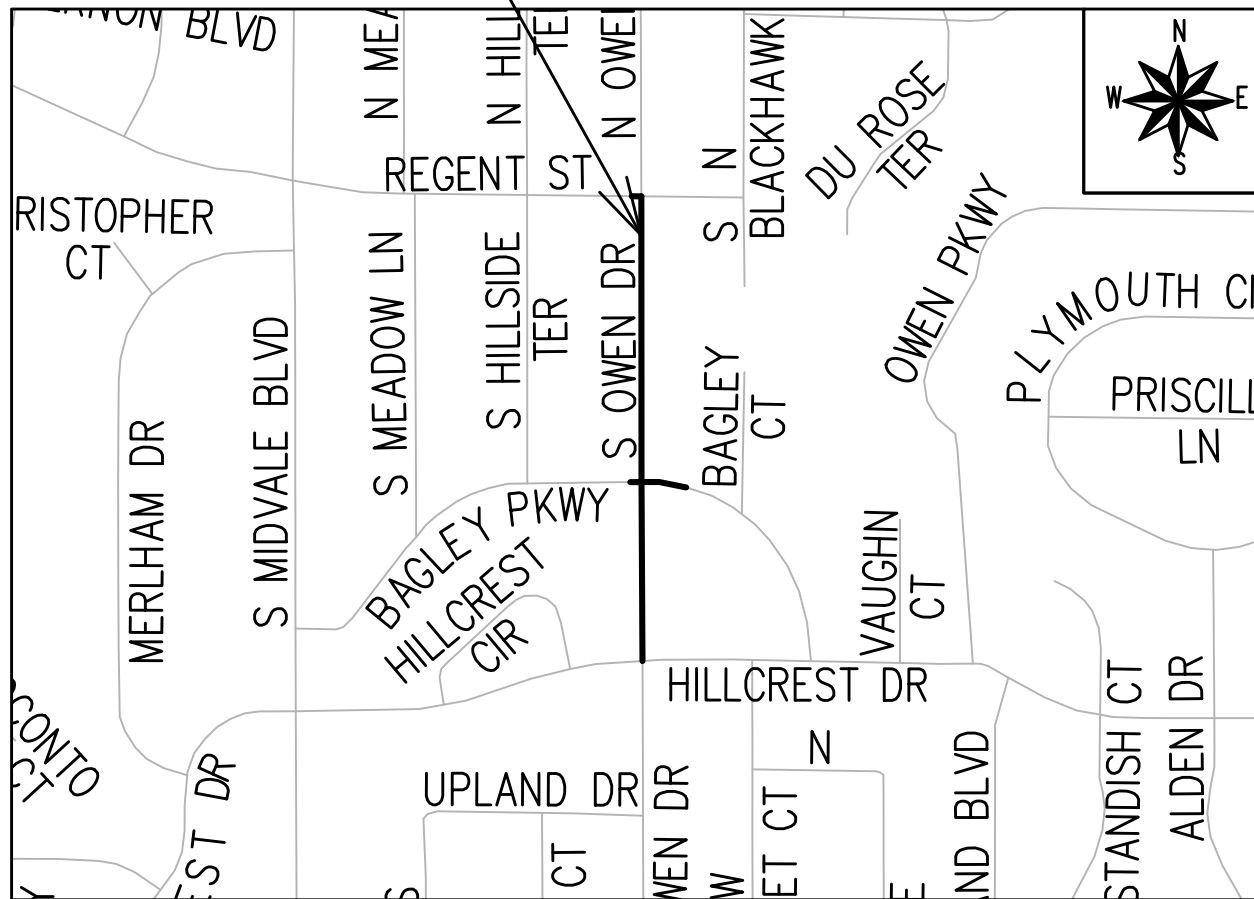
PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

SHEET NO.	TITLE
1	
D1	TYPICAL SECTIONS & DETAILS
EC1-EC4	EROSION CONTROL PLAN & PROFILES
P1-P4	STREET PLAN & PROFILES
U1-U4	SEWERS PLAN & PROFILES
U5-U7	STORM & SANITARY SEWER SCHEDULE
G11-G12	GREEN INFRASTRUCTURE DETAILS
M1	PAVEMENT MARKING PLAN
X1-X9	CROSS SECTIONS

S. OWEN DRIVE ASSESSMENT DISTRICT - 2023

PROJECT LOCATION CITY PROJECT NO. 14080
CONTRACT NO. 8710



EARTH WORK SUMMARY:
EXCAVATION CUT(MEASURED PLAN QUANTITY) = 2810 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT = 240 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT = 3050 C.Y.

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	■
COMBUSTIBLE FLUIDS	★

NOTES:
- ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.
- SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12", SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT HERE STREET GRADES EXCEED 5.00%.

CITY MAINTENANCE PLAN NOT REQUIRED

PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE: NOVEMBER 22, 2022

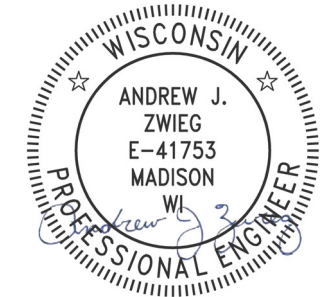
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

ENG - Greg Fries Aug 24, 2023
ENG - Greg Fries (Aug 24, 2023 15:45 CDT)

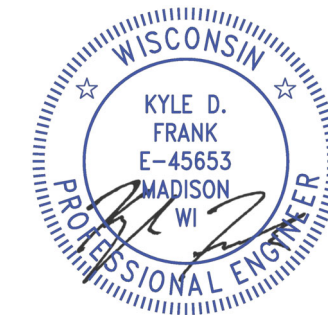
City Engineer Date

STREET
DESIGNED BY:



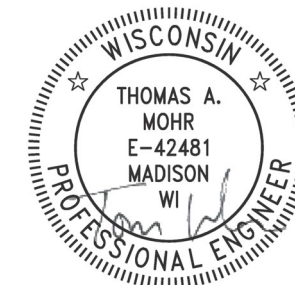
Aug 24, 2023

SANITARY SEWER
DESIGNED BY:



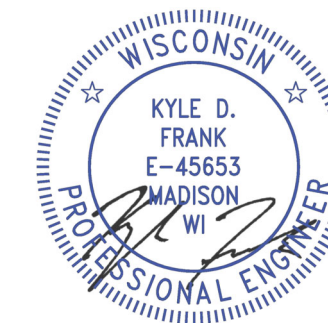
Aug 24, 2023

PAVEMENT MARKINGS
& TRAFFIC CONTROL
DESIGNED BY:



Aug 25, 2023

STORM SEWER
DESIGNED BY:



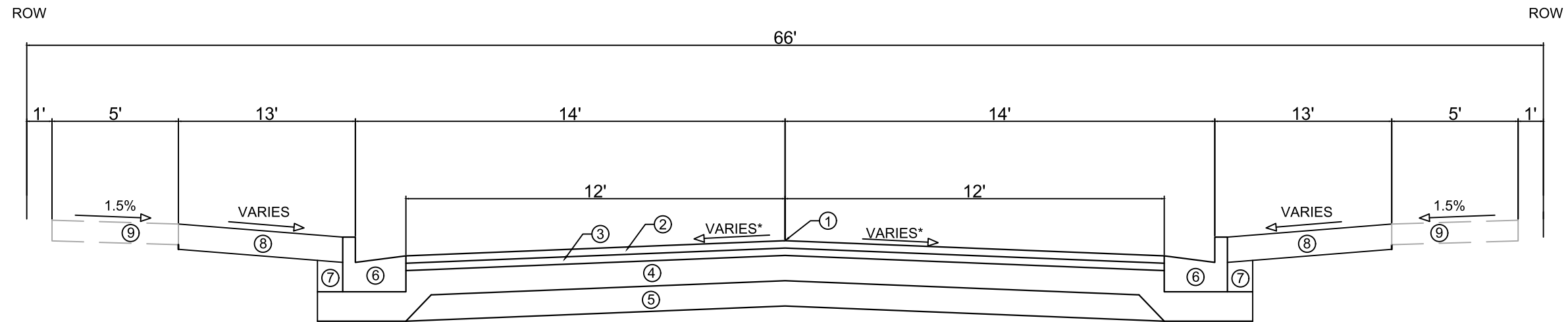
Aug 24, 2023

PLOT SCALE: 1 IN=1 FT_XREF

PLOT NAME: ---

REV. DATE: 8/22/2023 10:43 AM

ORIGINATOR: CITY_OF_MADISON



TYPICAL SECTION
S. OWEN DR

NOT TO SCALE

- ① POINT REFERRED TO ON PROFILE
- ② 2.00" HMA PAVEMENT - TYPE 4 LT 58-28 S
- ③ 2.50" HMA PAVEMENT - TYPE 3 LT 58-28 S
- ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
- ⑤ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE
- ⑥ CONCRETE CURB AND GUTTER TYPE 'A', SEE P-SHEETS FOR LOCATIONS
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER INSTALLATION
- ⑧ RESTORE DISTURBED AREAS WITH 6" TOPSOIL, SEED AND MATTING
- ⑨ 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER

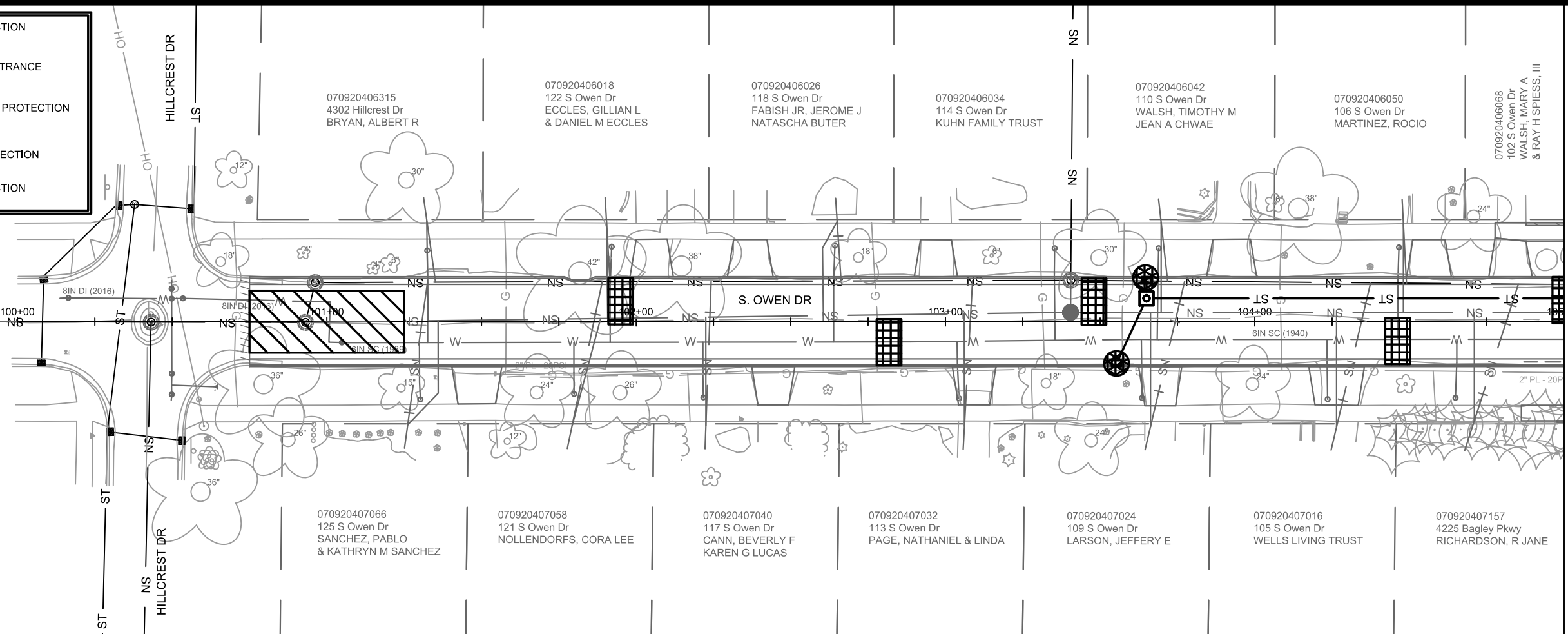
*SEE CROSS SECTIONS FOR PAVEMENT SLOPE

MARK	REVISION	DATE	BY

14080
MADISON, WI
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023
CONTRACT NO: 8710
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Scale: 1" = 5'



	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
	RIGID FRAME INLET PROTECTION
	TYPE C INLET PROTECTION
	STREET CONSTRUCTION STONE BERM



MATCH LINE 105+00.00



EROSION CONTROL NOTES:

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

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

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

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

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

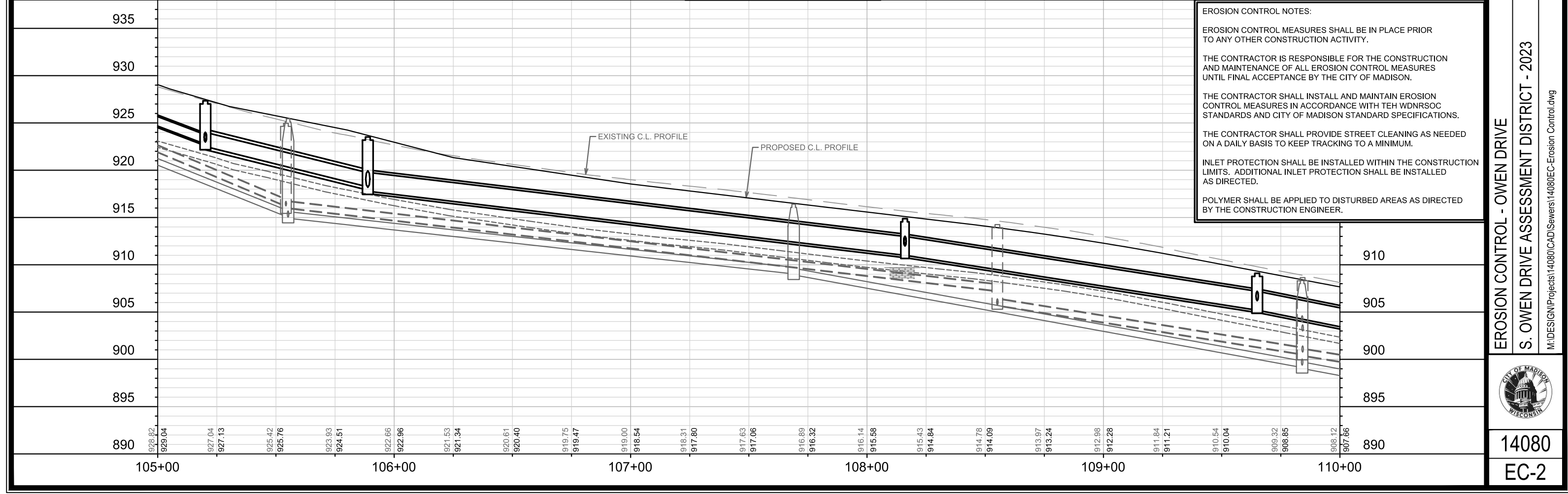
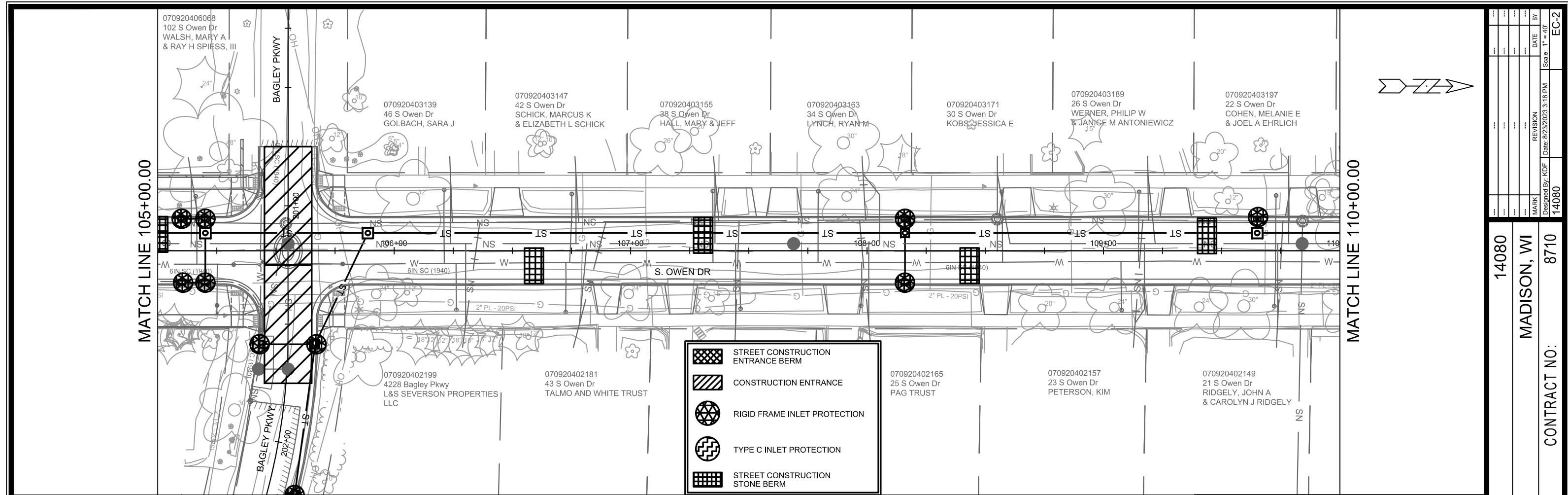
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

MARK	REVISION	DATE	BY

14080
MADISON, WI
8710
CONTRACT NO:

EROSION CONTROL - OWEN DRIVE
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023
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14080
EC-1



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14080
MADISON, WI
CONTRACT NO: 8710

EROSION CONTROL - OWEN DRIVE
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023

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14080
EC-2

MATCH LINE 110+00.00

070920403204
18 S Owen Dr
NEWMAN, FRED M
CAROLYN M HEGELER

070920403212
14 S Owen Dr
KRZAK, JAMES R
& JENNIFER A KRZAK

070920403220
10 S Owen Dr
HOESE, DAVID
TESS HOESE

070920403238
6 S Owen Dr
CUDNOHFSKY, MARY E
& RIC S CAMPBELL

070920403246
2 S Owen Dr
KLINGE, THOMAS

070920402131
19 S Owen Dr
MICHAELIS, BRUCE A






070920402123
15 S Owen Dr
IGNJATOVIC, MELANIE M
JEFFREY G BOLDT

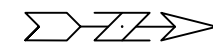
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9 S Owen Dr
POPP JR, THOMAS G

070920402107
5 S Owen Dr
CAMPBELL REV LIVING TR, J

070920402090
1 S Owen Dr
STRAUSS III, ROBERT W

INSTALL 25' OF 8" SILT SOCK
AROUND TERRACE INLET TYPE 2

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION
-  STREET CONSTRUCTION STONE BERM



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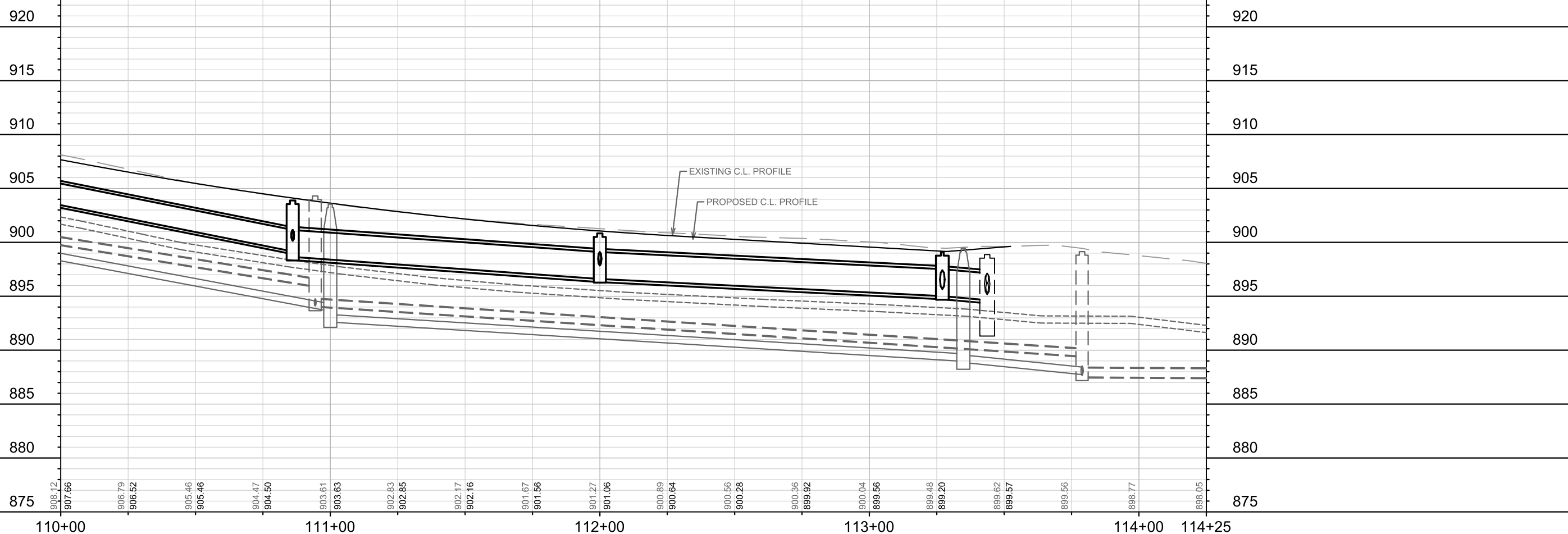
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14080
MADISON, WI
CONTRACT NO: 8710

EROSION CONTROL - OWEN DRIVE
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023
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070920403147
42 S Owen Dr
SCHICK, MARCUS K
& ELIZABETH L SCHICK

070920403139
46 S Owen Dr
GOLBACH, SARA J

070920406068
102 S Owen Dr
WALSH, MARY A
& RAY H SPIESS, III

070920402199
4228 Bagley Pkwy
L&S SEVERSON PROPERTIES
LLC

070920407157
4225 Bagley Pkwy
RICHARDSON, R JANE

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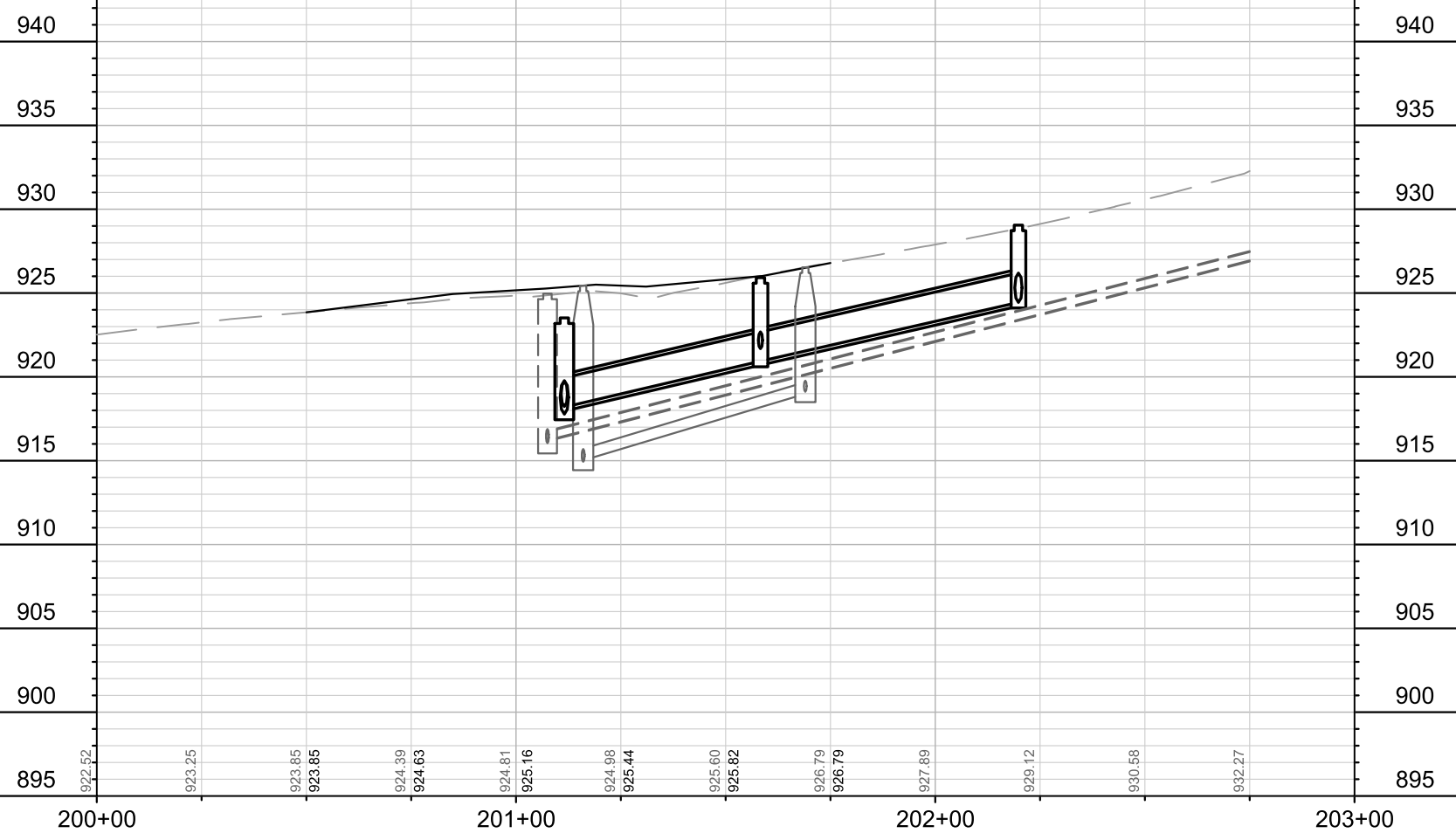
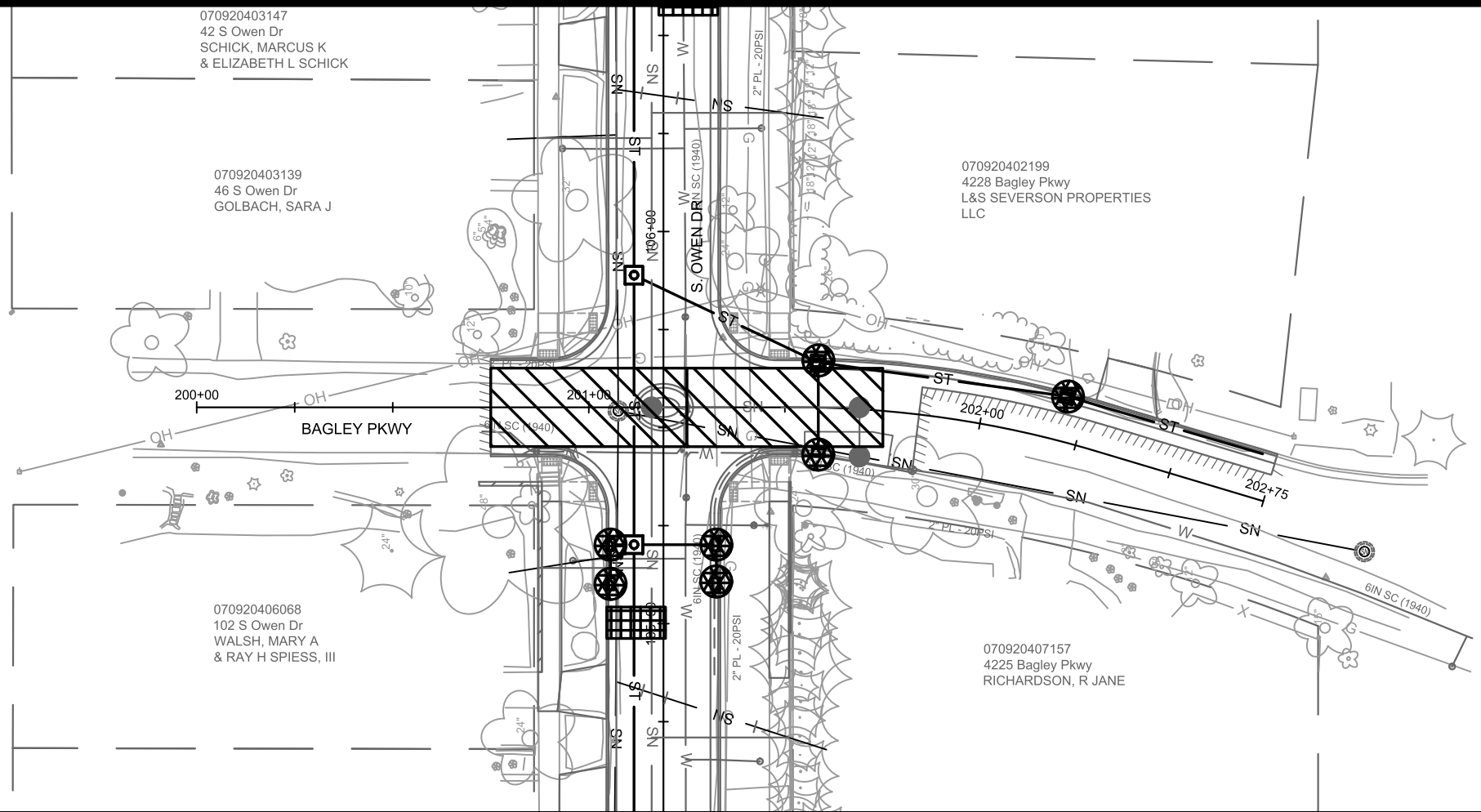
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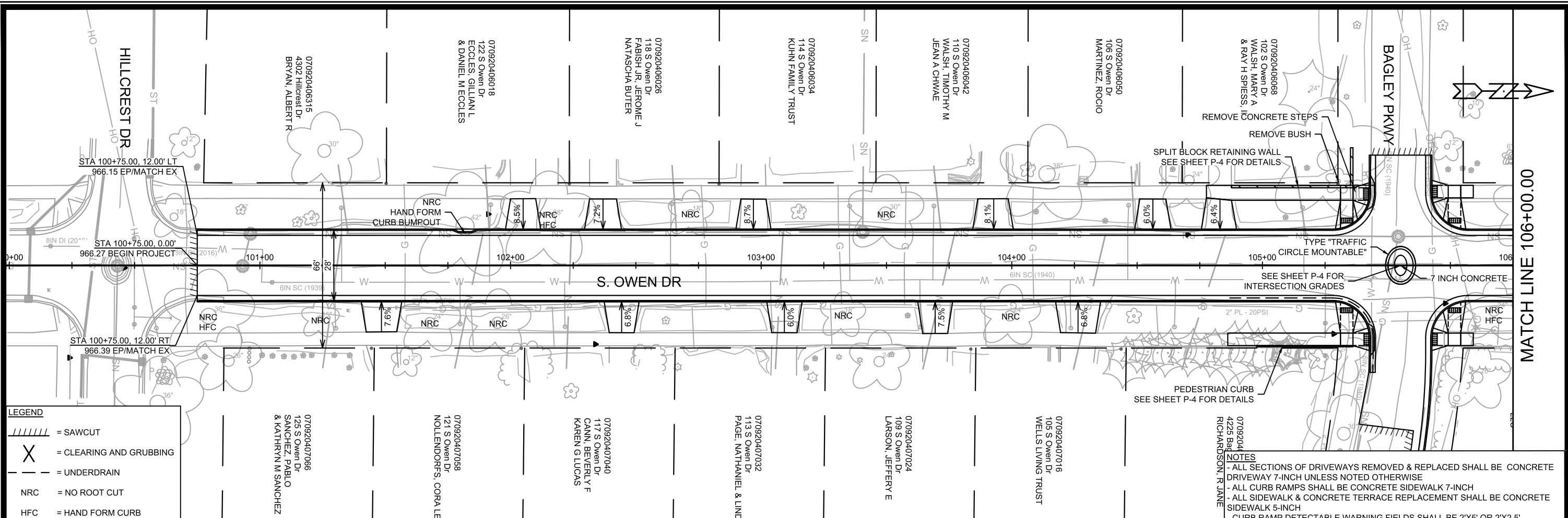
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MADISON, WI
8710
CONTRACT NO:

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S. OWEN DRIVE ASSESSMENT DISTRICT - 2023
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14080
EC-4

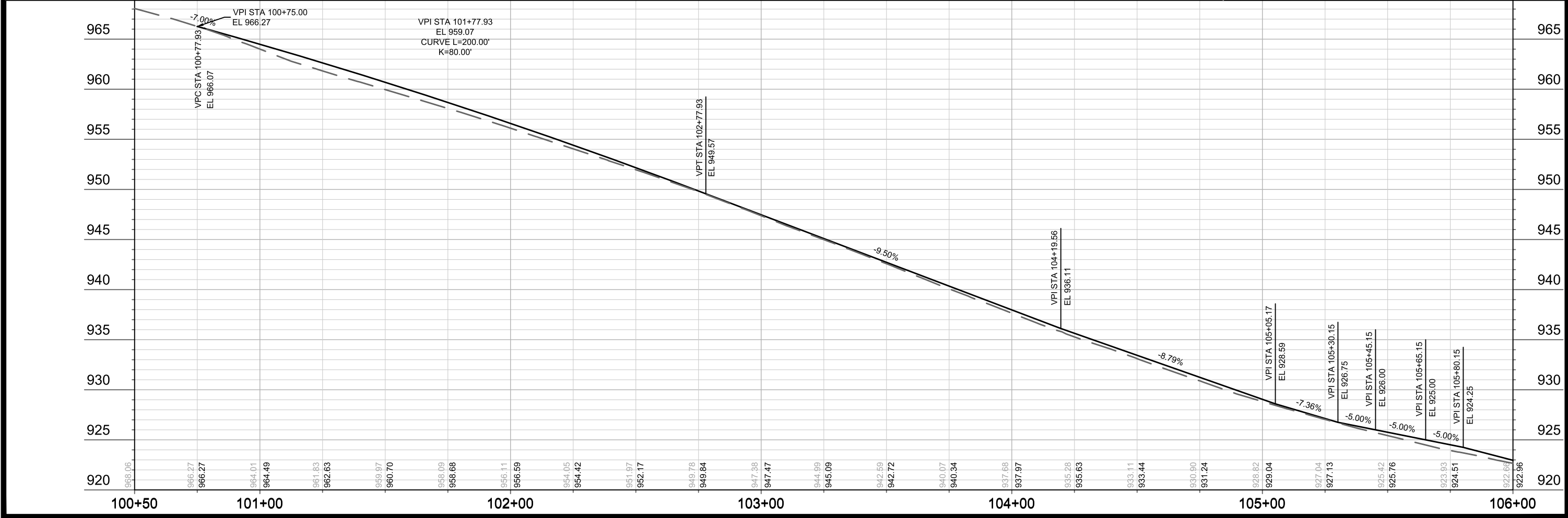


LEGEND

	= SAWCUT
	= CLEARING AND GRUBBING
	= UNDERDRAIN
NRC	= NO ROOT CUT
HFC	= HAND FORM CURB

NOTES

- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED SHALL BE CONCRETE DRIVEWAY 7-INCH UNLESS NOTED OTHERWISE
- ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
- ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
- CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'



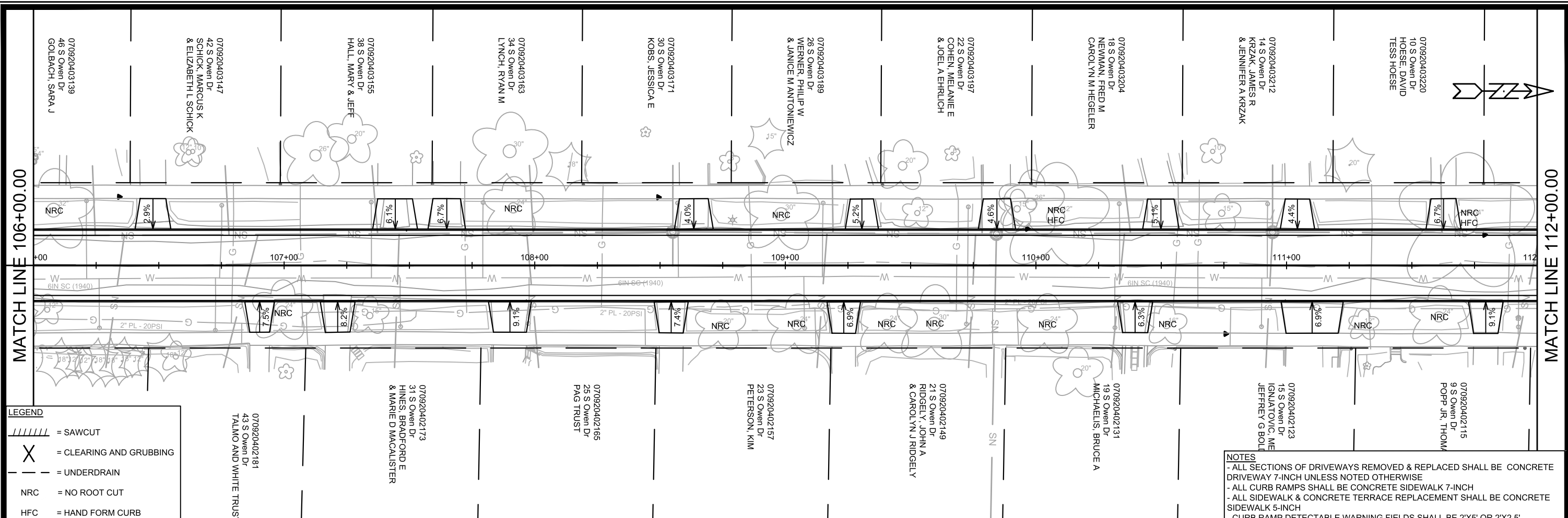
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14080
MADISON, WI
CONTRACT NO: 8710

STREET PLAN & PROFILE - S. OWEN DR
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023
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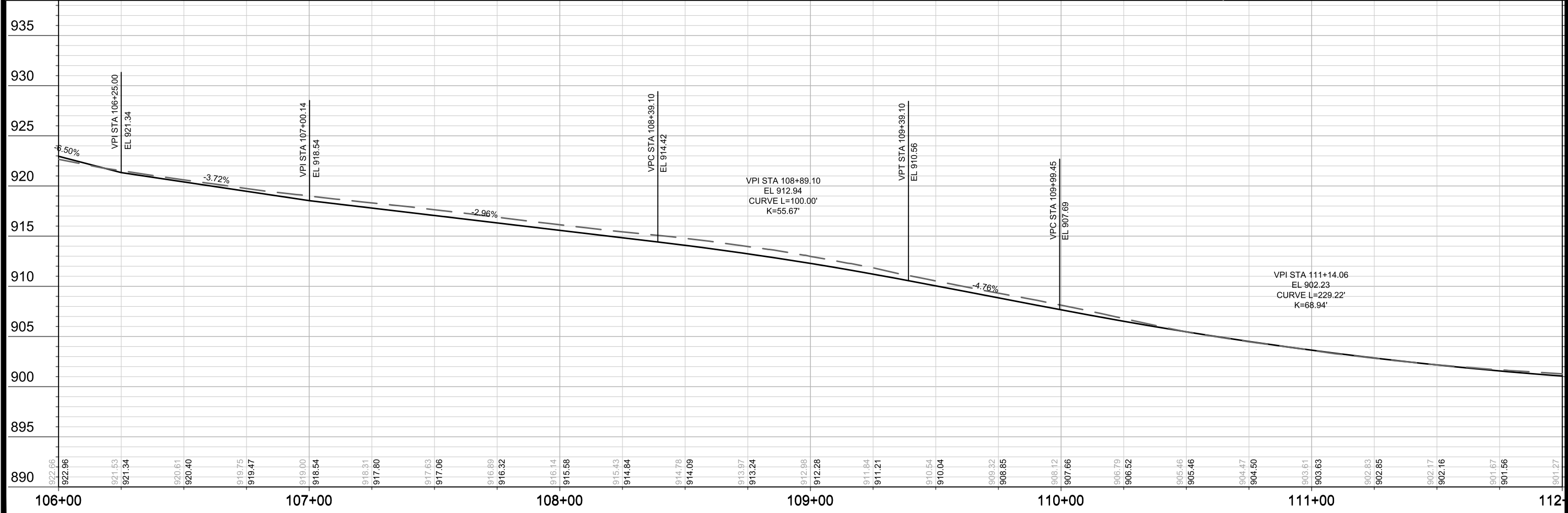


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MATCH LINE 112+00.00

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MADISON, WI
CONTRACT NO: 8710

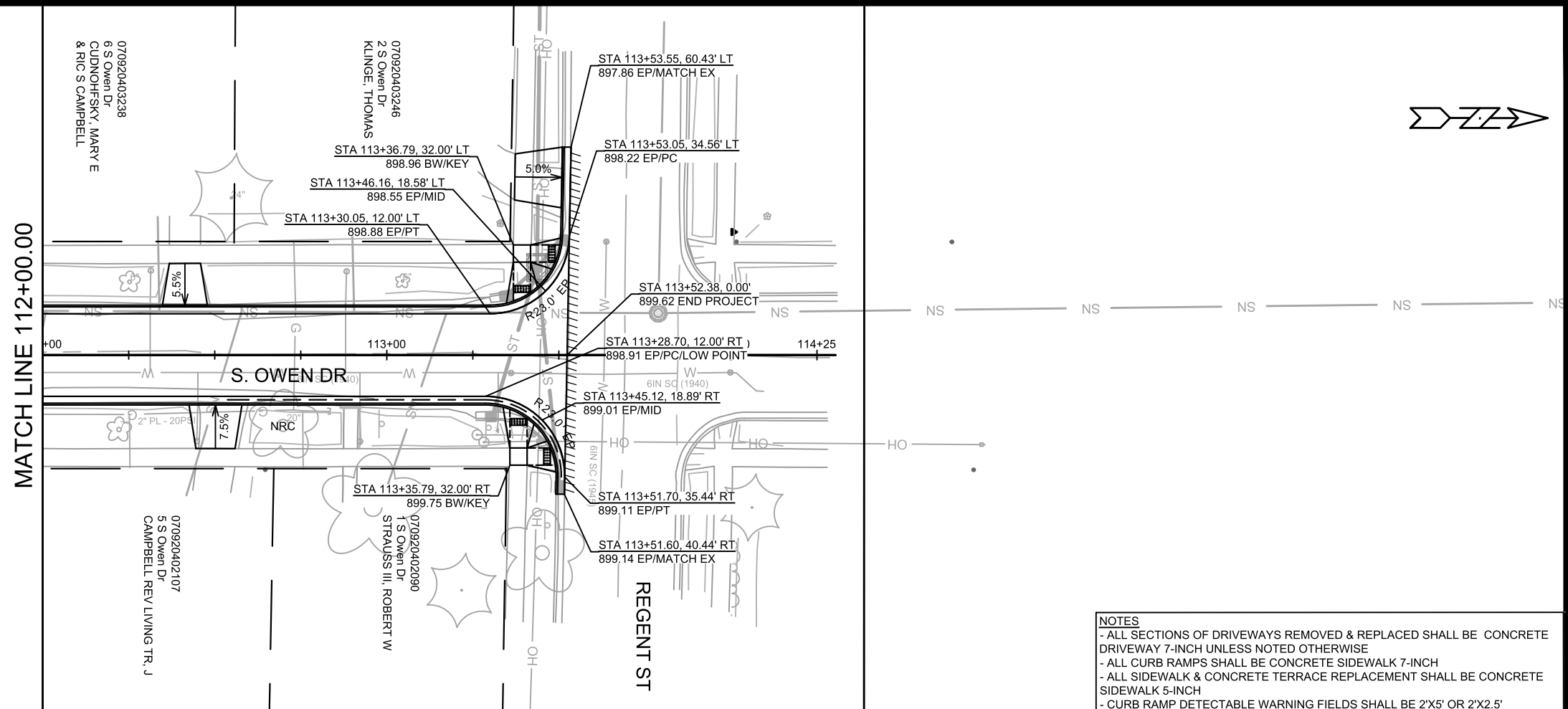
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S. OWEN DRIVE ASSESSMENT DISTRICT - 2023
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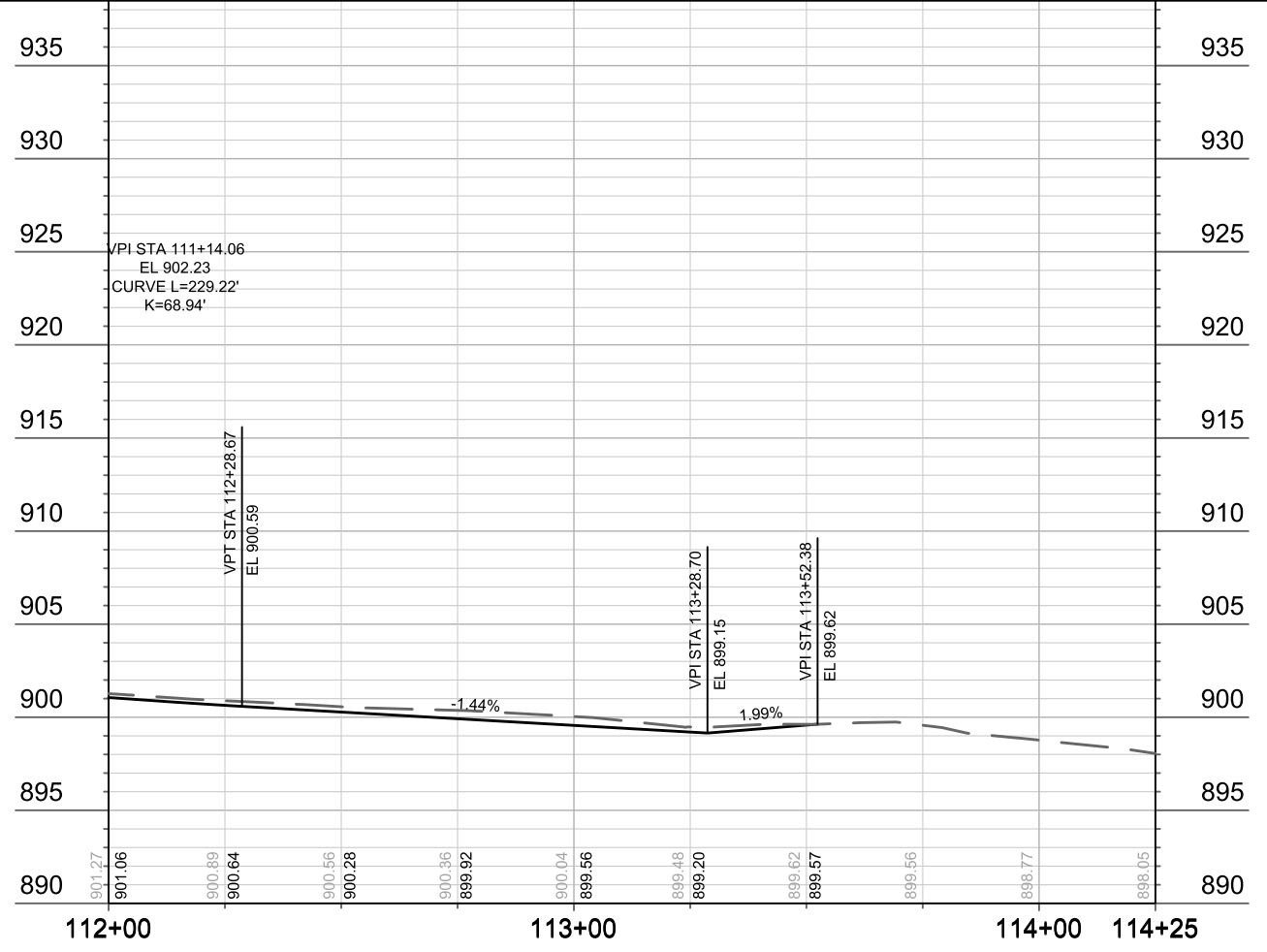
LEGEND

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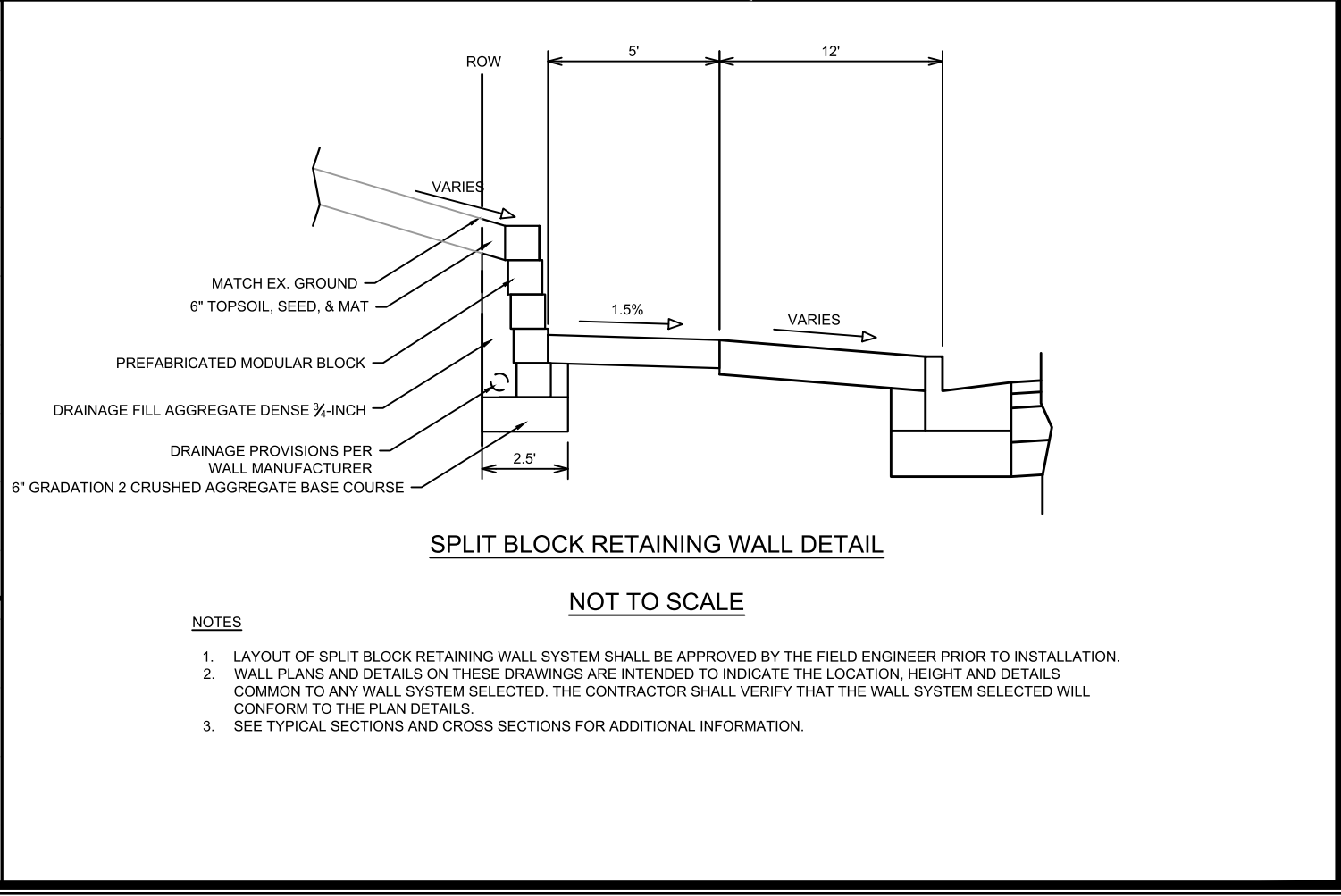
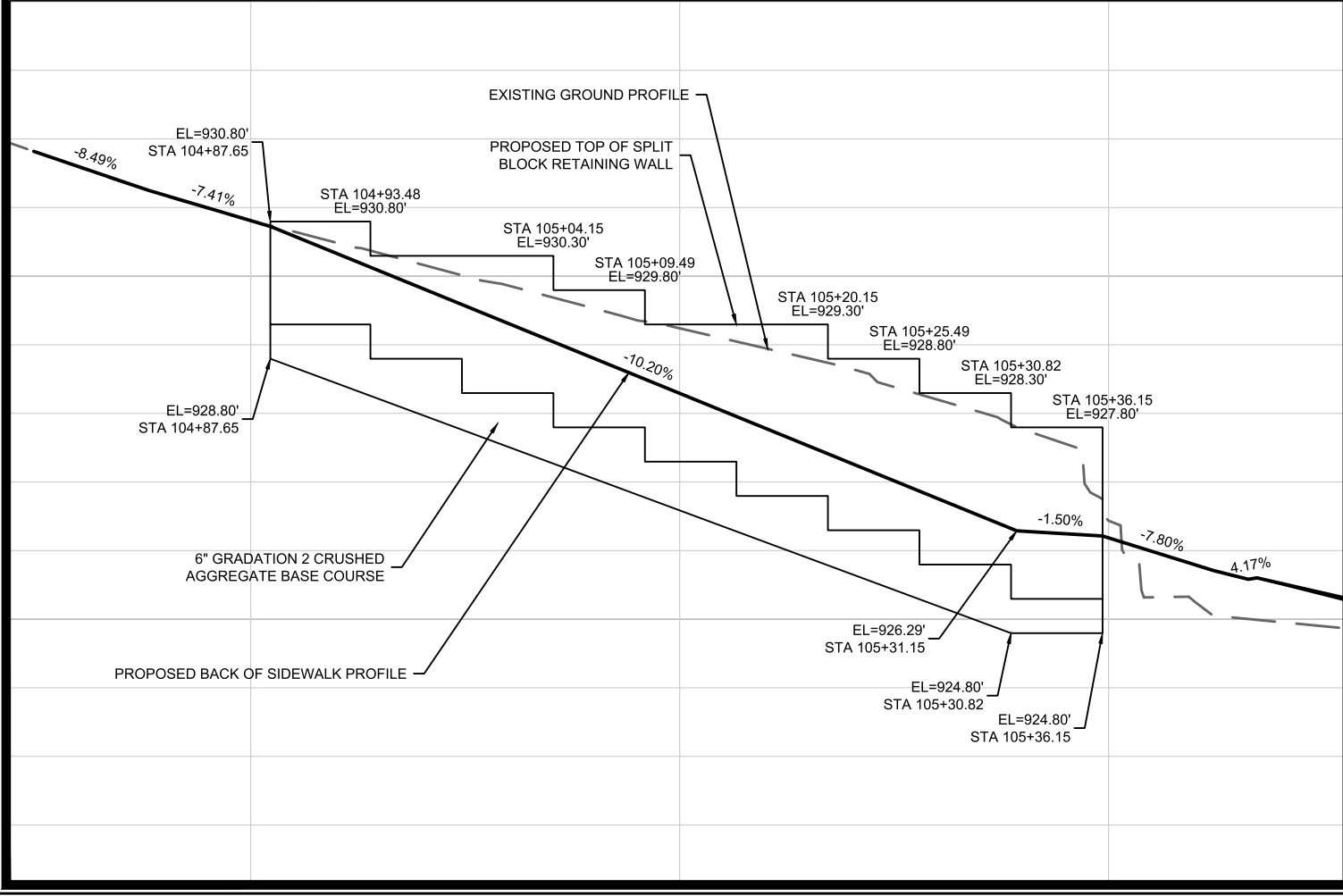
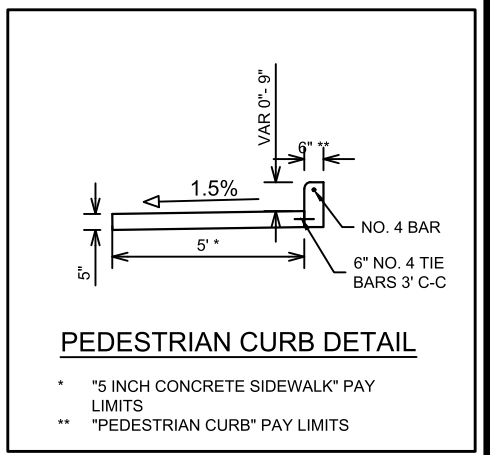
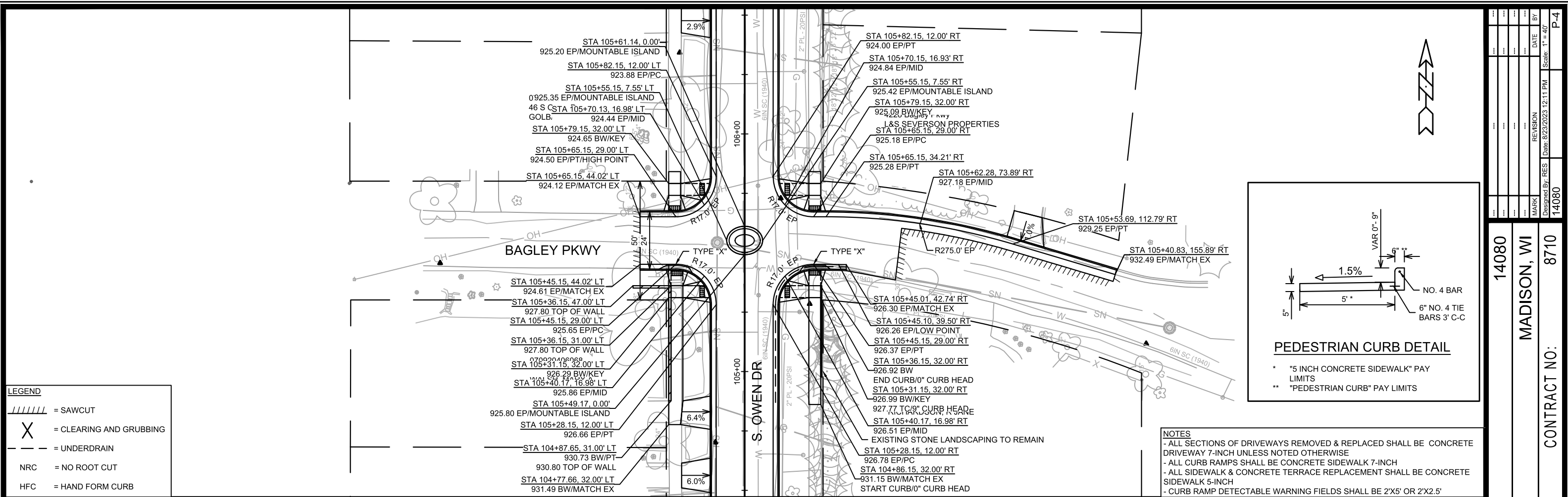


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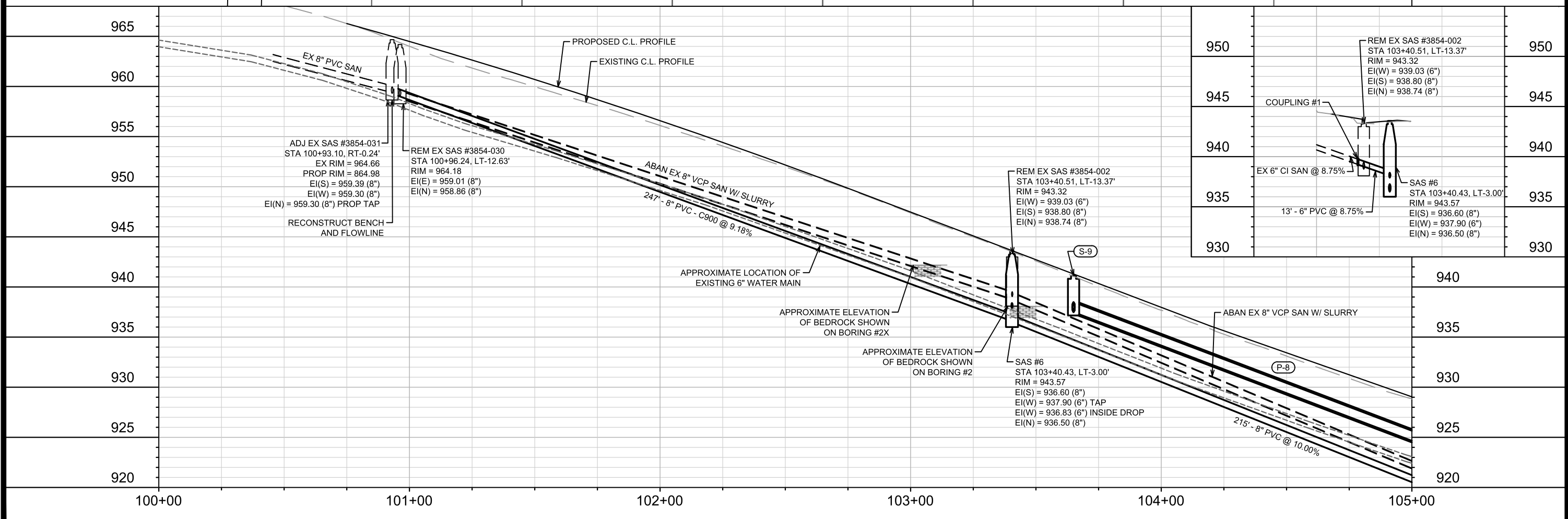
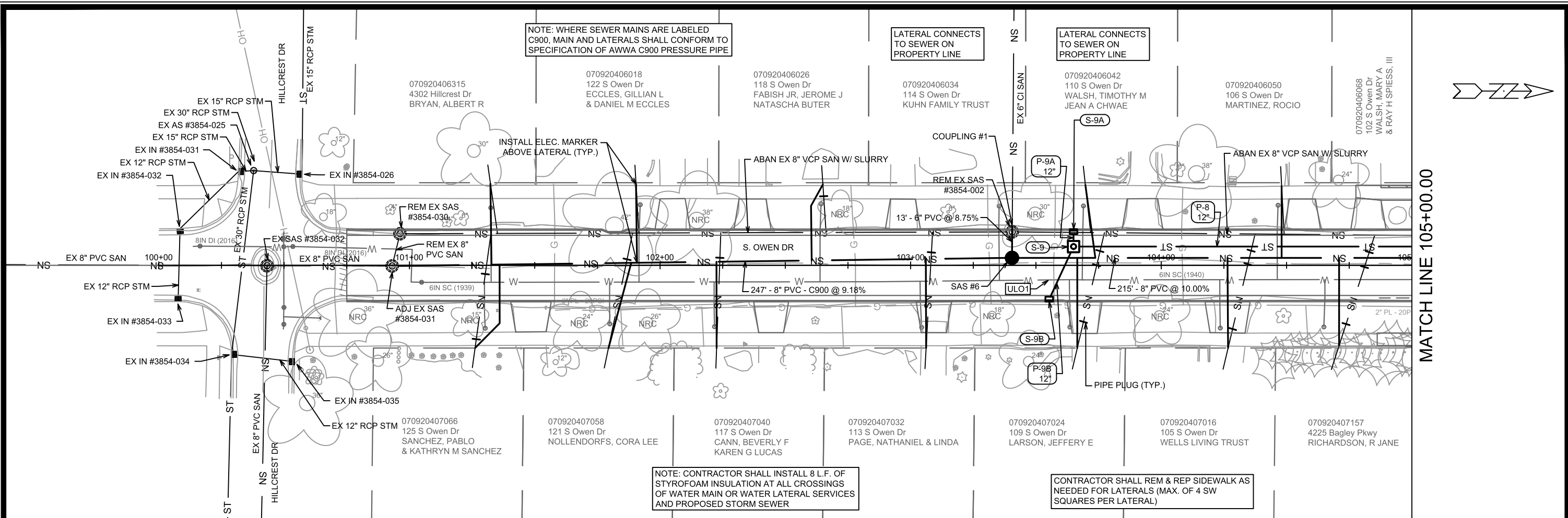
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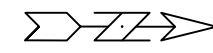
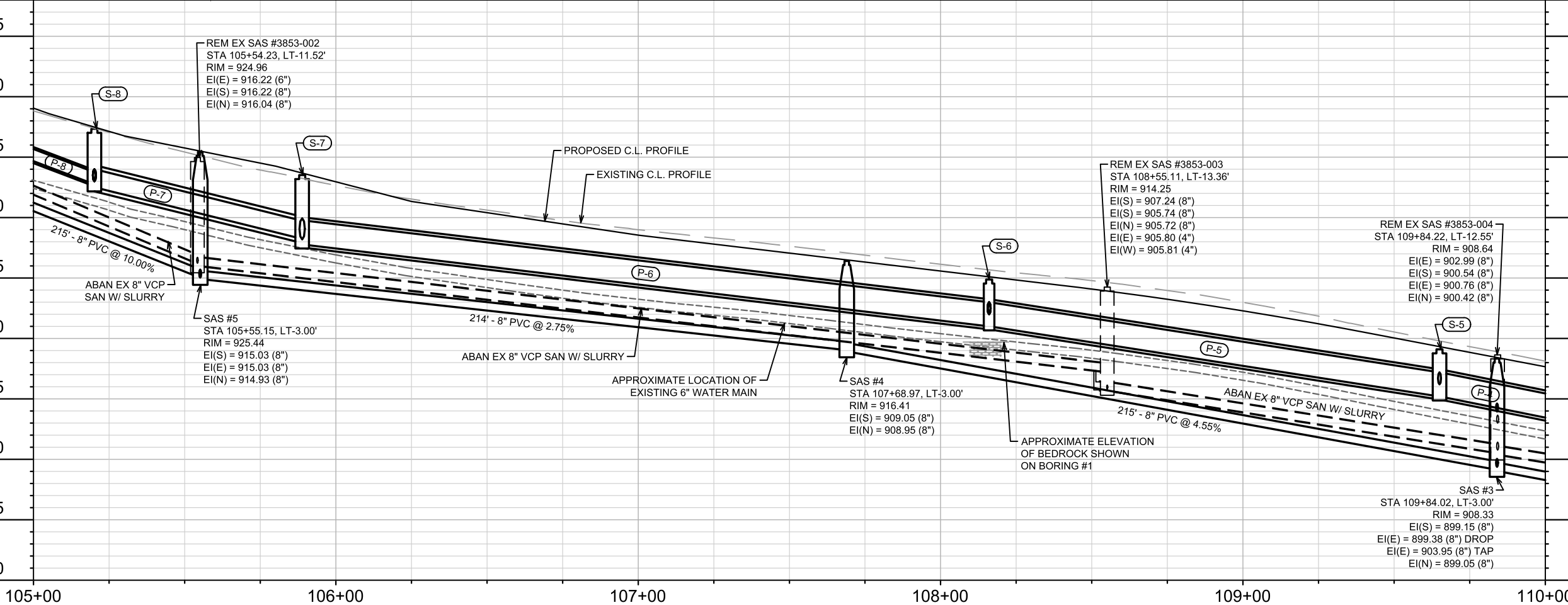
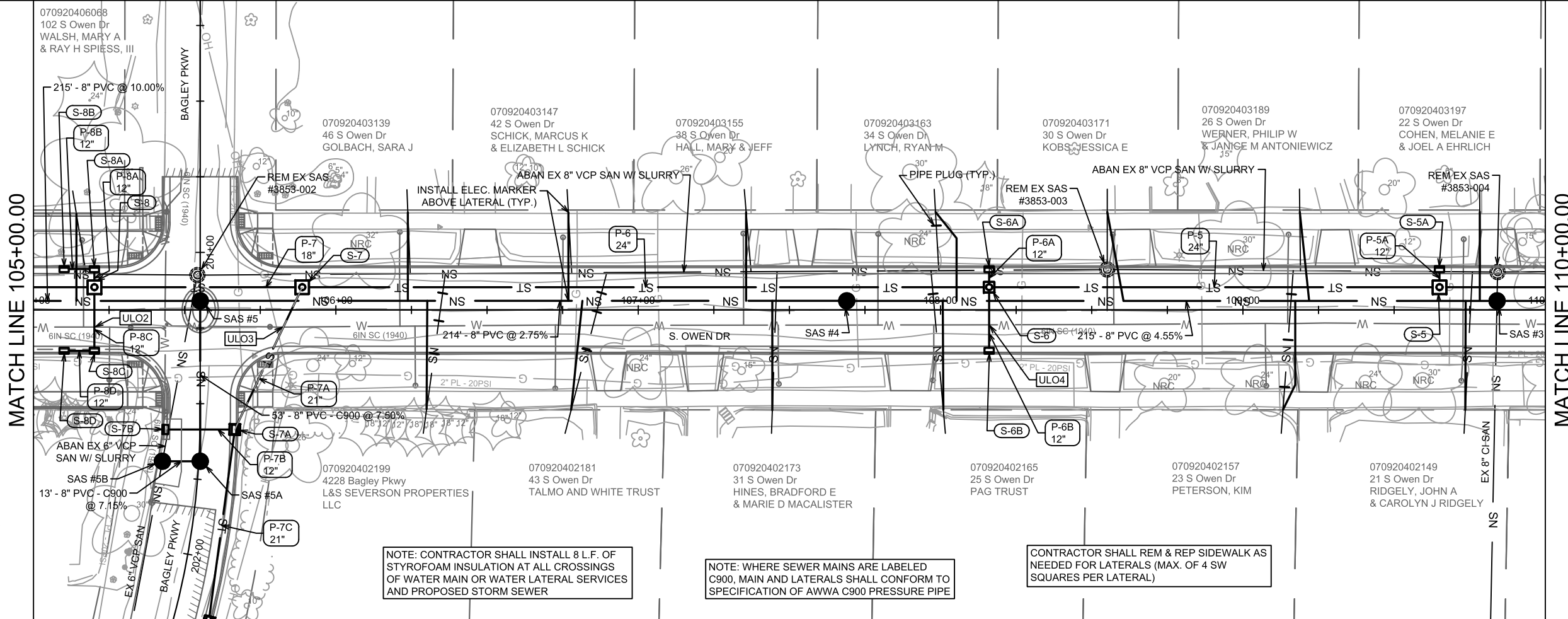
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14080		CONTRACT NO: 8710		
STREET PLAN & PROFILE - S. OWEN DR				
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023				
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REVISION	
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CONTRACT NO:	8710
STREET PLAN DETAILS	14080
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023	MADISON, WI
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CITY OF MADISON WISCONSIN	
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MADISON, WI	CONTRACT NO:	8710	U-1
SEWER PLAN & PROFILE - OWEN DR			
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023			
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14080			
U-1			



MATCH LINE 105+00.00

MATCH LINE 110+00.00

NOTE: CONTRACTOR SHALL INSTALL 8 L.F. OF STYROFOAM INSULATION AT ALL CROSSINGS OF WATER MAIN OR WATER LATERAL SERVICES AND PROPOSED STORM SEWER

NOTE: WHERE SEWER MAINS ARE LABELED C900, MAIN AND LATERALS SHALL CONFORM TO SPECIFICATION OF AWWA C900 PRESSURE PIPE

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

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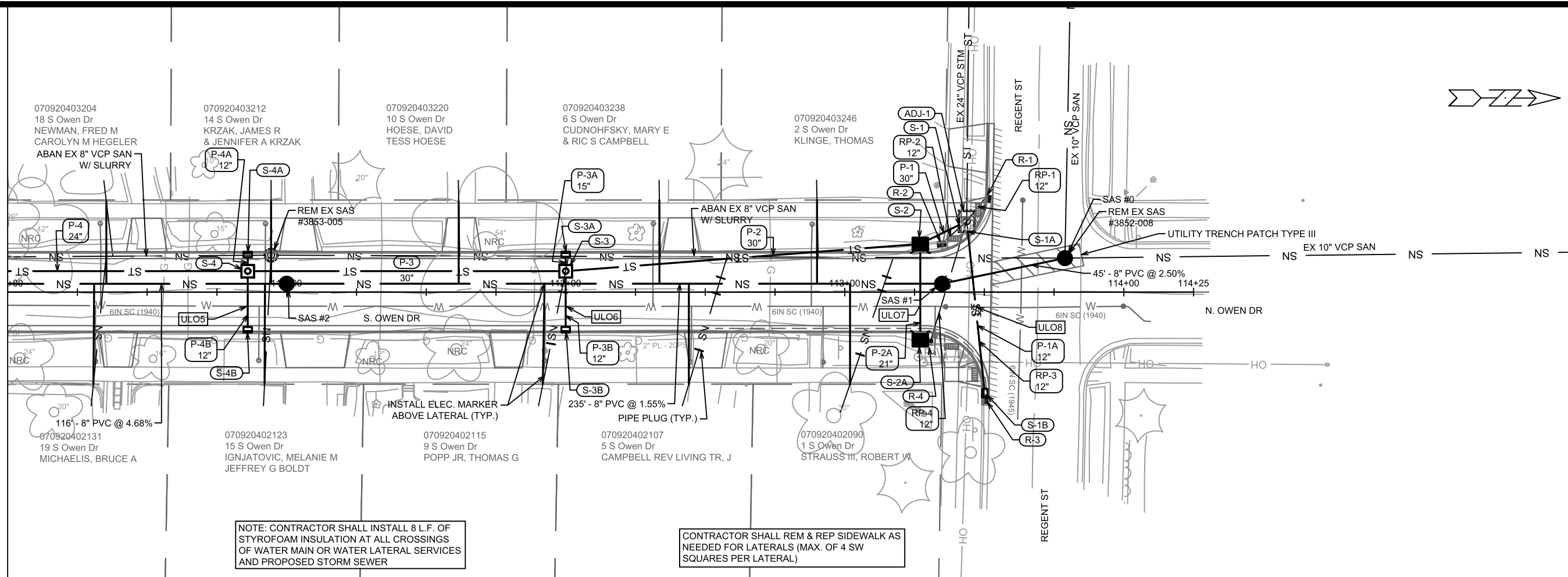
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MADISON, WI
CONTRACT NO: 8710

SEWER PLAN & PROFILE - OWEN DR
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023
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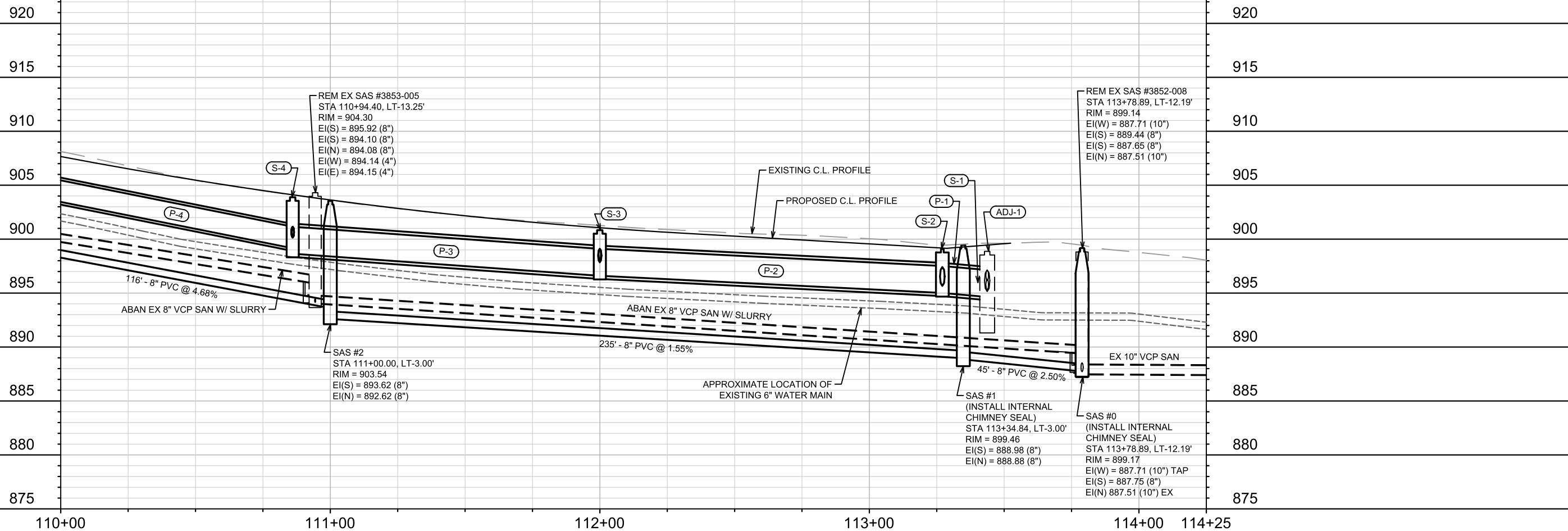
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MATCH LINE 110+00.00



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14080
MADISON, WI
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SEWER PLAN & PROFILE - OWEN DR
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023

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14080
U-3

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42 S Owen Dr
SCHICK, MARCUS K
& ELIZABETH L SCHICK

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46 S Owen Dr
GOLBACH, SARA J

070920406068
102 S Owen Dr
WALSH, MARY A
& RAY H SPIESS, III

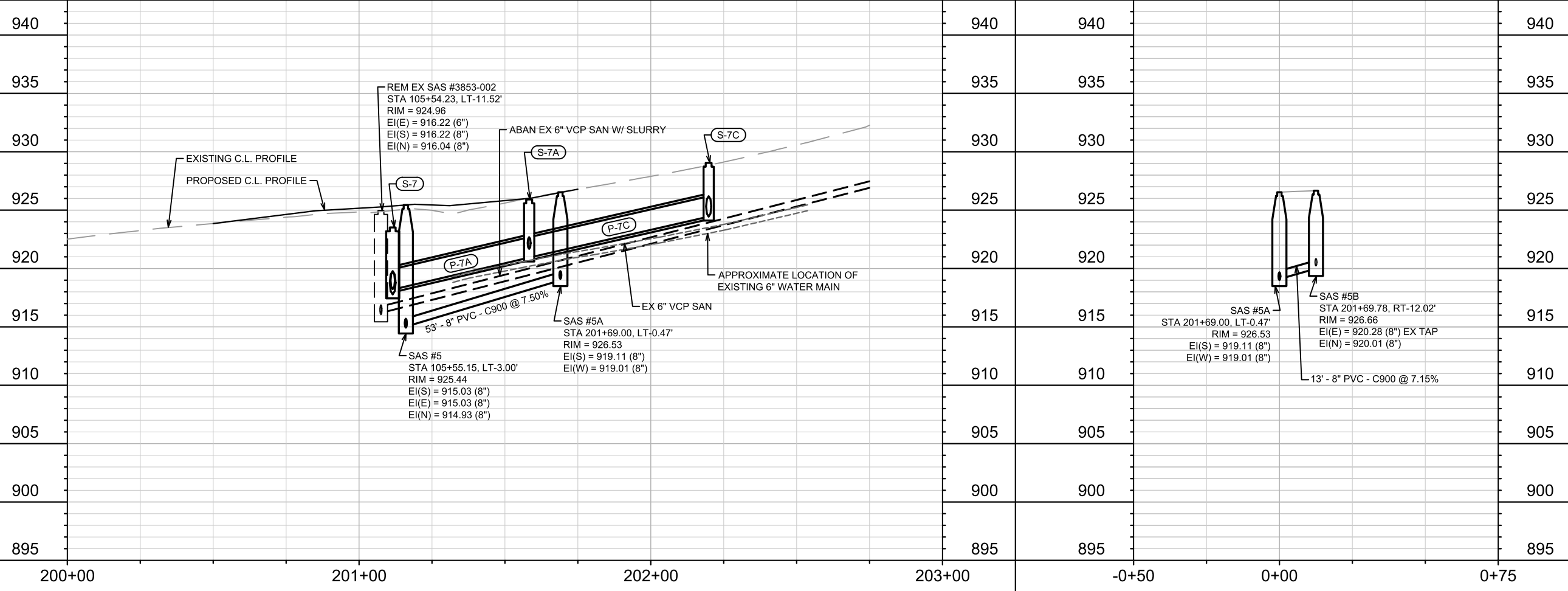
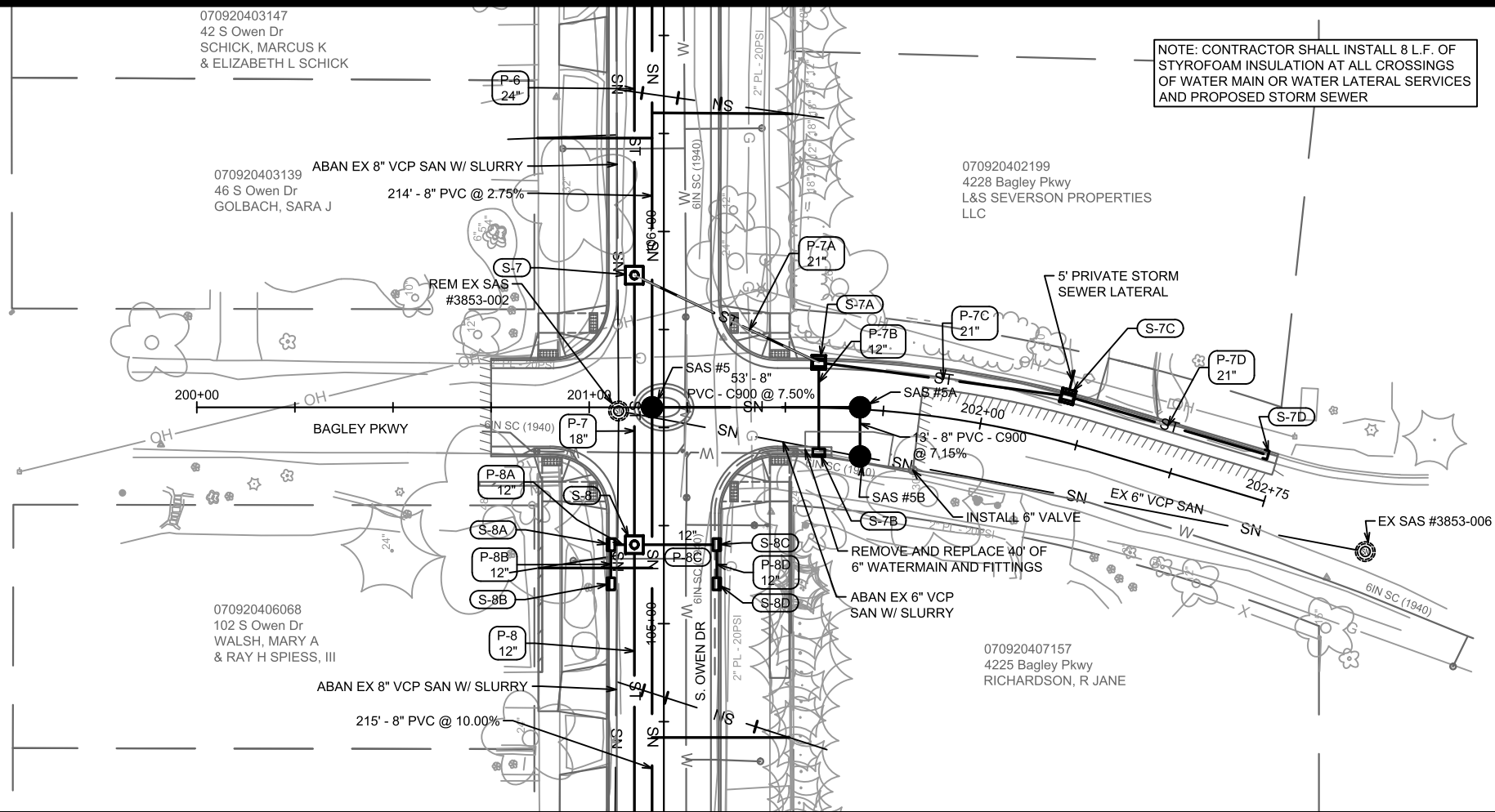
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LLC

070920407157
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RICHARDSON, R JANE

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NOTE: WHERE SEWER MAINS ARE LABELED C900, MAIN AND LATERALS SHALL CONFORM TO SPECIFICATION OF AWWA C900 PRESSURE PIPE



DATE	BY
REVISION	DATE
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14080	U-4

14080
MADISON, WI
8710
CONTRACT NO:

SEWER PLAN & PROFILE - BAGLEY CT
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023
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14080
U-4

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
OWEN DRIVE						
SAS #0	113+78.89	LT-12.19	899.17	887.51	11.66	[1]
SAS #1	113+34.84	LT-3.00	899.46	888.88	10.58	[1]
SAS #2	111+00.00	LT-3.00	903.54	892.62	10.92	-
SAS #3	109+84.02	LT-3.00	908.33	899.05	9.28	-
SAS #4	107+68.97	LT-3.00	916.41	908.95	7.46	-
SAS #5	105+55.15	LT-3.00	925.44	914.93	10.51	-
SAS #6	103+40.43	LT-3.00	943.57	936.50	7.07	-
BAGLEY PARKWAY						
SAS #5A	201+69.00	LT-0.47	926.53	919.01	7.52	-
SAS #5B	201+69.78	RT-12.02	926.66	920.01	6.65	-

SANITARY STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
OWEN DRIVE						
SAS #3854-030	100+96.24	LT-12.63	964.18	958.86	5.32	-
SAS #3854-002	103+40.51	LT-13.37	943.32	938.74	4.58	-
SAS #3853-002	105+54.23	LT-11.52	924.96	916.04	8.92	-
SAS #3853-003	108+55.11	LT-13.36	914.25	905.72	8.53	-
SAS #3853-004	109+84.22	LT-12.55	908.64	900.42	8.22	-
SAS #3853-005	110+94.40	LT-13.25	903.55	894.08	9.47	-
SAS #3852-008	113+78.89	LT-12.19	899.14	887.51	11.63	-

SANITARY STRUCTURES ADJUSTMENTS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	EX. TOC ELEV.	PROP ELEV.	ADJUST DIFF.	NOTES
OWEN DRIVE						
SAS #3854-031	100+93.10	RT-0.24	964.66	964.98	0.32	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
OWEN DRIVE								
SAS #0	SAS #1	887.75	888.88	45	2.50%	8"	SDR-35	-
SAS #1	SAS #2	888.98	892.62	235	1.55%	8"	SDR-35	-
SAS #2	SAS #3	893.62	899.05	116	4.68%	8"	SDR-35	-
SAS #3	SAS #4	899.15	908.95	215	4.55%	8"	SDR-35	-
SAS #4	SAS #5	909.05	914.93	214	2.75%	8"	SDR-35	-
SAS #5	SAS #6	915.03	936.50	215	10.00%	8"	SDR-35	-
SAS #6	COUPLING #1	937.90	939.03	13	8.75%	6"	SDR-35	[2]
SAS #6	SAS #3854-031	936.60	959.30	247	9.18%	8"	C900	-
BAGLEY PARKWAY								
SAS #5	SAS #5A	915.03	919.01	53	7.50%	8"	C900	-
SAS #5A	SAS #5B	919.11	920.01	13	7.15%	8"	C900	-

SANITARY PIPE REMOVALS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE TYPE	PIPE SIZE	PAID (Y/N)	NOTES
OWEN DRIVE						
SAS #3854-030	SAS #3854-031	13	PVC	8	Y	-

SANITARY PIPE ABANDONMENTS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE TYPE	PIPE SIZE	PAID (Y/N)	NOTES
OWEN DRIVE						
SAS #3854-002	SAS #3854-030	240.5	VCP	8"	Y	W/ SLURRY
SAS #3853-002	SAS #3854-002	210	VCP	8"	Y	W/ SLURRY
SAS #3853-003	SAS #3853-002	297	VCP	8"	Y	W/ SLURRY
SAS #3853-004	SAS #3853-003	125	VCP	8"	Y	W/ SLURRY
SAS #3853-005	SAS #3853-004	106	VCP	8"	Y	W/ SLURRY
BAGLEY PARKWAY						
SAS #3853-002	SAS #5B	48	VCP	6"	Y	W/ SLURRY

SPECIFIC NOTES

- [1] INSTALL RIGID INTERNAL CHIMNEY SEAL IN ACCORDANCE WITH SDD 5.7.17
- [2] PIPE PAID FOR UNDER BID ITEM 50352 - 6 INCH SANITARY SEWER LATERAL

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
OWEN DRIVE							
S-1A	113+43.70	LT-25.40	TAP	-	896.14	-	-
S-1B	113+50.17	RT-36.18	H INLET	899.58	896.45	3.13	W/R-3067-7004-V
S-1	113+43.70	LT-25.40	TAP	-	894.64	-	-
S-2	113+27.06	LT-17.28	TERR INLET 2	899.10	895.01	4.09	FP
S-2A	113+27.05	RT-17.28	TERR INLET 2	899.10	895.84	3.26	FP
S-3	111+99.98	LT-7.50	4X4 SAS	900.83	896.60	4.23	FP, W/1550-0054
S-3A	111+99.98	LT-13.50	H INLET	901.07	897.88	3.19	W/R-3067-7004-V
S-3B	111+99.98	RT-13.50	H INLET	901.79	898.21	3.58	W/R-3067-7004-V
S-4	110+86.05	LT-7.50	4X4 SAS	903.88	898.65	5.23	W/1550-0054
S-4A	110+86.05	LT-13.50	H INLET	904.13	900.27	3.86	W/R-3067-7004-V
S-4B	110+86.05	RT-13.50	H INLET	904.85	900.31	4.54	W/R-3067-7004-V
S-5	109+65.00	LT-7.50	4X4 SAS	909.10	905.20	3.90	FP, W/R-1550-0054
S-5A	109+65.00	LT-13.50	H INLET	909.34	906.26	3.08	W/R-3067-7004-V
S-6	108+16.05	LT-7.50	3X3 SAS	914.88	911.00	3.88	FP, W/1550-0054
S-6A	108+16.05	LT-13.50	H INLET	915.12	912.06	3.06	W/R-3067-7004-V
S-6B	108+16.05	RT-13.50	H INLET	915.84	912.10	3.74	W/R-3067-7004-V
S-7	105+88.87	LT-7.50	4X4 SAS	923.19	917.77	5.42	W/1550-0054
S-7A	105+66.60	RT-39.50	3X3 SAS	925.91	920.93	4.98	W/R-3067-7004-V
S-7B	105+43.60	RT-39.50	H INLET	926.64	923.02	3.62	W/R-3067-7004-V
S-8	105+20.15	LT-7.50	4X4 SAS	927.34	922.50	4.84	W/1550-0054
S-8A	105+20.15	LT-13.50	H INLET	927.62	923.45	4.17	W/R-3067-7004-V
S-8B	105+10.15	LT-13.50	H INLET	928.36	924.20	4.16	W/R-3067-7004-V
S-8C	105+20.15	RT-13.50	H INLET	927.74	924.57	3.17	W/R-3067-7004-V
S-8D	105+10.15	RT-13.50	H INLET	928.48	925.32	3.16	W/R-3067-7004-V
S-9	103+65.00	LT-7.50	4X4 SAS	941.15	937.49	3.66	W/1550-0054
S-9A	103+65.00	LT-13.50	H INLET	941.43	937.79	3.64	W/R-3067-7004-V
S-9B	103+55.30	RT-13.50	H INLET	942.35	938.53	3.82	W/R-3067-7004-V
BAGLEY PARKWAY							
S-7C	202+19.83	LT-11.50	3X3 SAS	929.05	924.44	4.61	W/R-3067-7004-V
S-7D	202+72.61	LT-11.50	PLUG	-	927.37	-	-

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
OWEN DRIVE										
P-1A	S-1A	S-1B	896.14	896.45	62	56.9	0.54%	12"	RCP	-
P-1	S-1	S-2	894.64	895.01	18.5	13.4	2.77%	30"	RCP	-
P-2	S-2	S-3	895.01	896.60	127.5	123.4	1.29%	30"	RCP	-
P-2A	S-2	S-2A	895.67	895.84	34.5	31.3	0.54%	21"	RCP	-
P-3	S-3	S-4	896.60	898.65	114	110.0	1.86%	30"	RCP	-
P-3A	S-3	S-3A	897.85	897.88	6	3.0	1.00%	15"	RCP	-
P-3B	S-3	S-3B	898.10	898.21	21	18.0	0.61%	12"	RCP	-
P-4	S-4	S-5	899.15	905.20	121	117.2	5.16%	24"	RCP	-
P-4A	S-4	S-4A	900.15	900.27	6	3.0	3.96%	12"	RCP	-
P-4B	S-4	S-4B	900.15	900.31	21	18.0	0.89%	12"	RCP	-
P-5	S-5	S-6	905.20	911.00	149	145.6	3.98%	24"	RCP	-
P-5A	S-5	S-5A	906.20	906.26	6	3.0	1.99%	12"	RCP	-
P-6	S-6	S-7	911.00	917.77	227	223.8	3.03%	24"	RCP	-
P-6A	S-6	S-6A	912.00	912.06	6	3.5	1.71%	12"	RCP	-
P-6B	S-6	S-6B	912.00	912.10	21	18.5	0.54%	12"	RCP	-
P-7	S-7	S-8	918.23	922.50	69	64.9	6.58%	18"	RCP	-
P-7A	S-7	S-7A	918.19	920.93	52	48.2	5.68%	21"	RCP	-
P-7B	S-7A	S-7B	921.68	923.02	23	20.6	6.51%	12"	RCP	-
P-8	S-8	S-9	922.75	937.49	155	151.3	9.74%	12"	RCP	-
P-8A	S-8	S-8A	923.00	923.45	6	3.1	14.52%	12"	RCP	-
P-8B	S-8A	S-8B	923.45	924.20	10	7.1	10.56%	12"	RCP	-
P-8C	S-8	S-8C	923.00	924.57	21	18.1	8.67%	12"	RCP	-
P-8D	S-8C	S-8D	924.57	925.32	10	7.1	10.56%	12"	RCP	-
P-9A	S-9	S-9A	937.49	937.79	6	3.1	9.77%	12"	RCP	-
P-9B	S-9	S-9B	937.49	938.53	23	19.8	5.24%	12"	RCP	-
BAGLEY PARKWAY										
P-7C	S-7A	S-7C	920.93	924.44	64	61.2	5.74%	21"	RCP	-
P-7D	S-7C	S-7D	924.44	927.37	53.5	51.78	5.66%	21"	RCP	-

STORM STRUCTURE ADJUSTMENTS

ADJUST NO.	STATION	LOCATION (OFFSET)	EX. TOC ELEV.	ADJUST ELEV.	ADJUST DIFF.	NOTES
OWEN DRIVE						
ADJ-1	113+43.70	LT-25.40	898.87	898.90	0.03	REPLACE CASTING W/R-1550 HYDROVENT

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.

SPECIFIC NOTES:

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
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- 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 REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- 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 KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
OWEN DRIVE					
R-1	IN #3853-002	113+50.29	LT-33.65	INLET	-
R-2	IN #3853-005	113+34.66	LT-17.35	INLET	-
R-3	IN #3853-003	113+50.20	RT-38.35	INLET	-
R-4	IN #3853-004	113+30.28	RT-19.00	INLET	-

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
OWEN DRIVE							
RP-1	ADJ-1	R-1	9	12"	VCP	Y	-
RP-2	ADJ-1	R-2	9	12"	VCP	Y	-
RP-3	ADJ-1	R-3	60	12"	VCP	Y	-
RP-4	ADJ-1	R-4	42	12"	VCP	Y	-

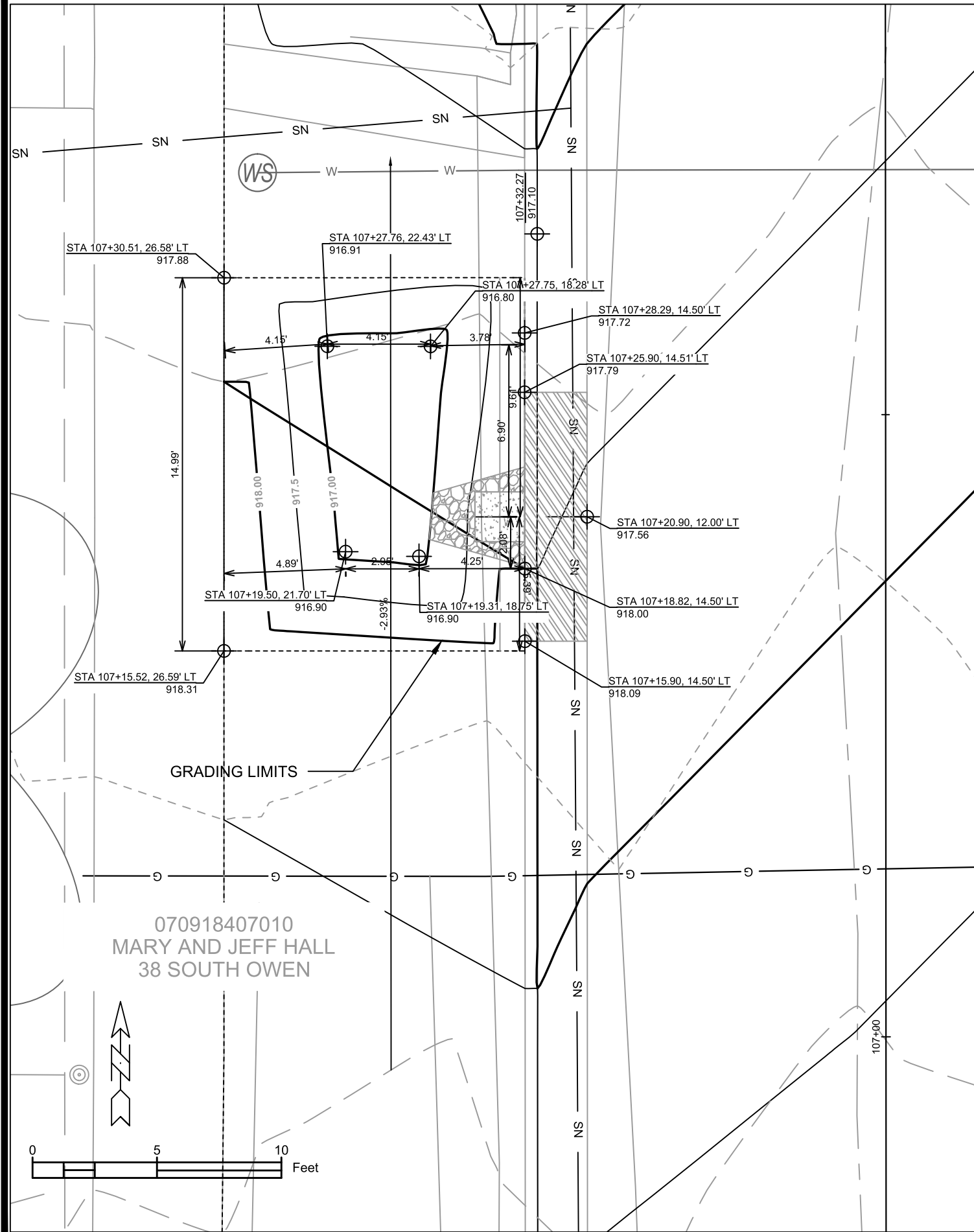
STORM SEWER ULOs [FIVE (5) UNDISTRIBUTED ULOs INCLUDED]

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
OWEN DRIVE				
ULO1	103+55.30	RT-5.80	WATER	-
ULO2	105+20.15	RT-5.65	WATER	-
ULO3	105+82.68	RT-5.56	WATER	-
ULO4	108+16.05	RT-4.91	WATER	-
ULO5	110+86.05	RT-5.04	WATER	-
ULO6	111+99.98	RT-5.07	WATER	-
ULO7	113+27.05	RT-5.09	WATER	-
ULO8	113+46.93	RT-5.32	WATER	-

SPECIFIC NOTES

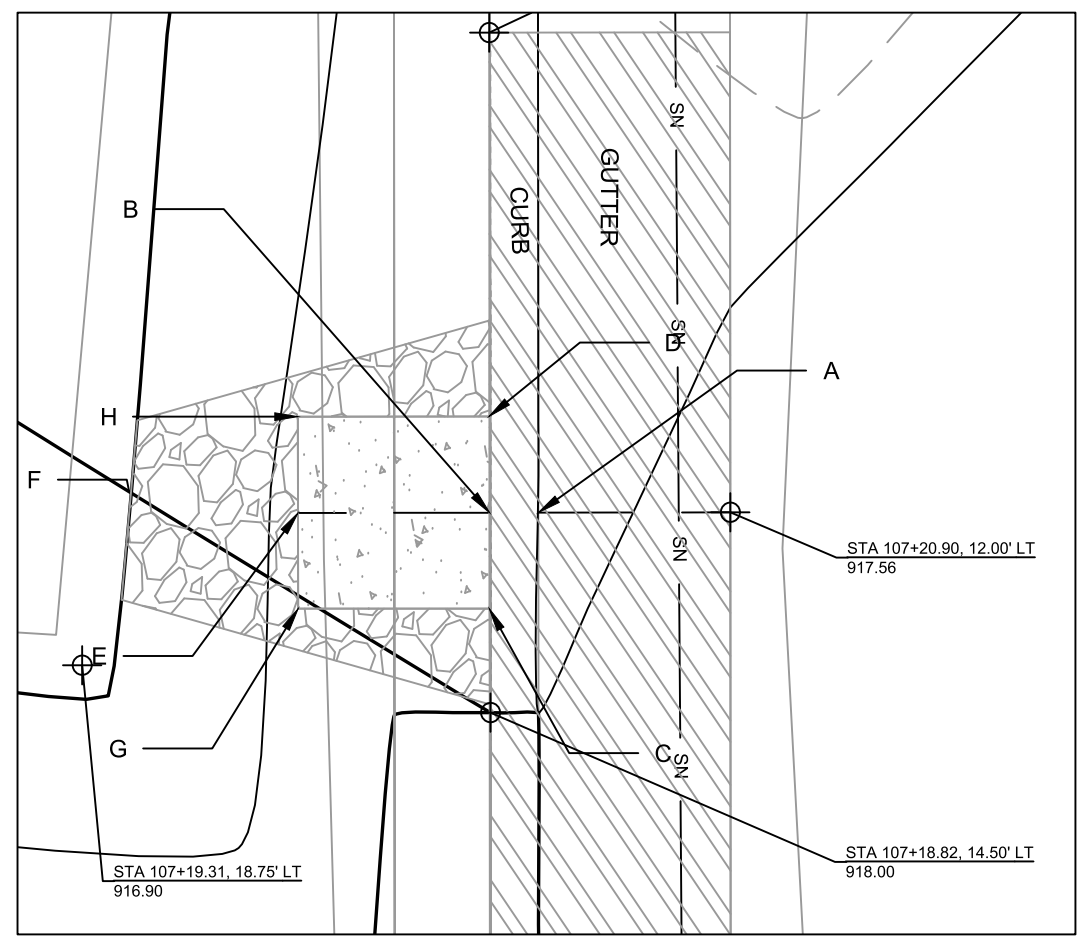
STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT KYLE OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

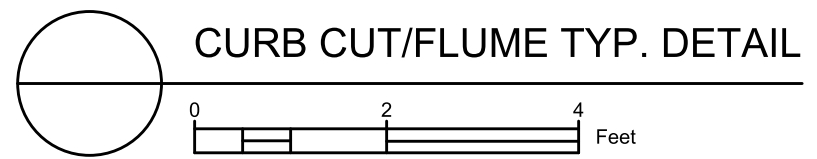


070918407010
MARY AND JEFF HALL
38 SOUTH OWEN

Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
	Ex. EOG at CL of Flume	+0.125	917.56
A	Standard Gutter Flow Line at CL of Flume	0	917.44
B	Pro. Gutter Flow Line at CL of Flume Meeting Curb	-.17'(2")	917.27
C	Edge of Flume @ Gutter (Uphill)	varies	917.36
D	Edge of Flume @ Gutter (Downhill)	varies	917.30
E	Bottom of Flume at CL	-.33'(4")	917.10
F	Bottom of Stone/Pond	-.5'(6")	916.80
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	917.28
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	917.22



- NOTES:
1. ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS
 2. ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX, DO NOT SEED WITHIN SIDE SLOPES OR BOTTOM OF BASIN.
 3. SEE DETAIL D-1 AND D-2.

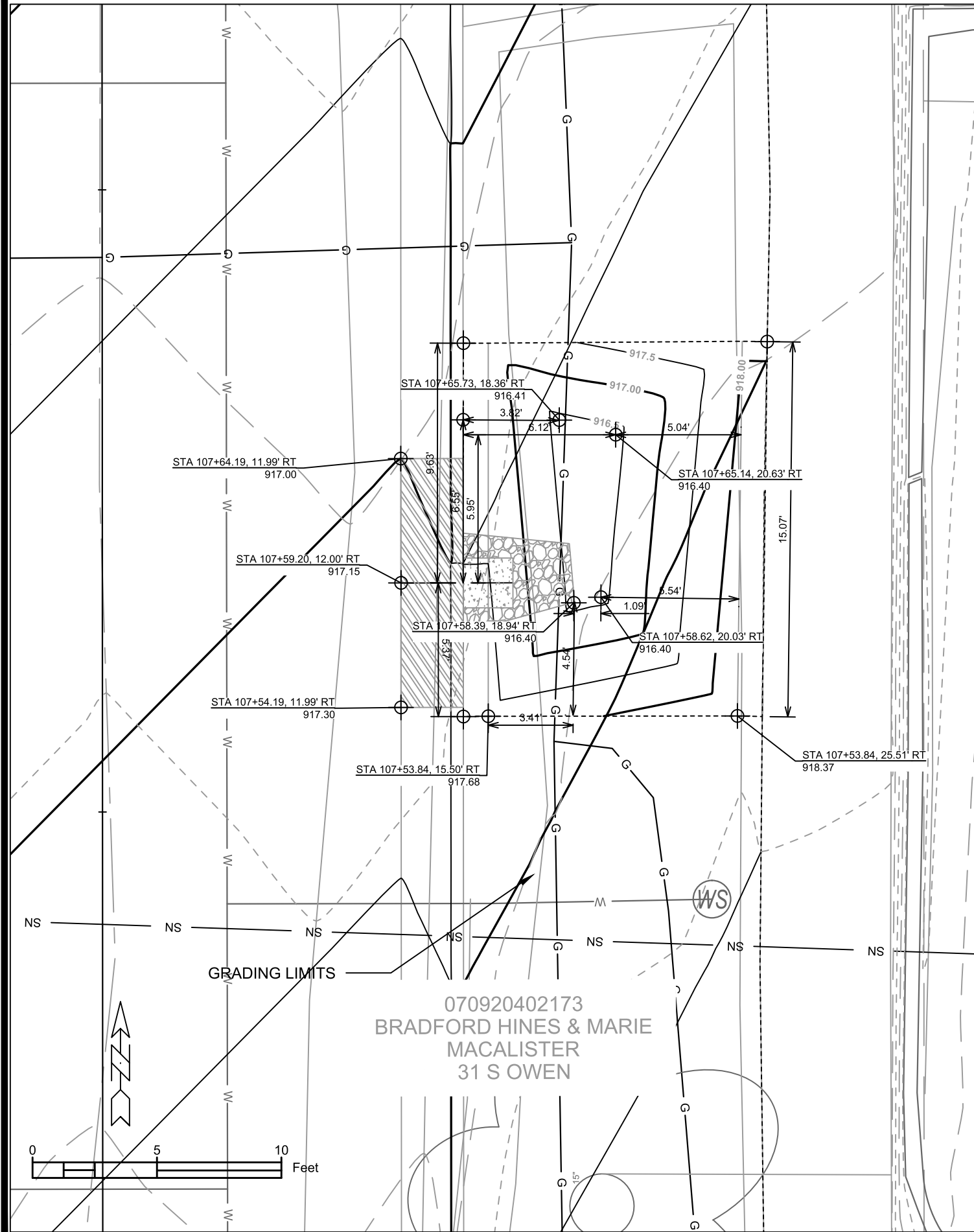


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14080	DRAWN BY		
14080	CHECKED BY		
14080	APPROVED BY		

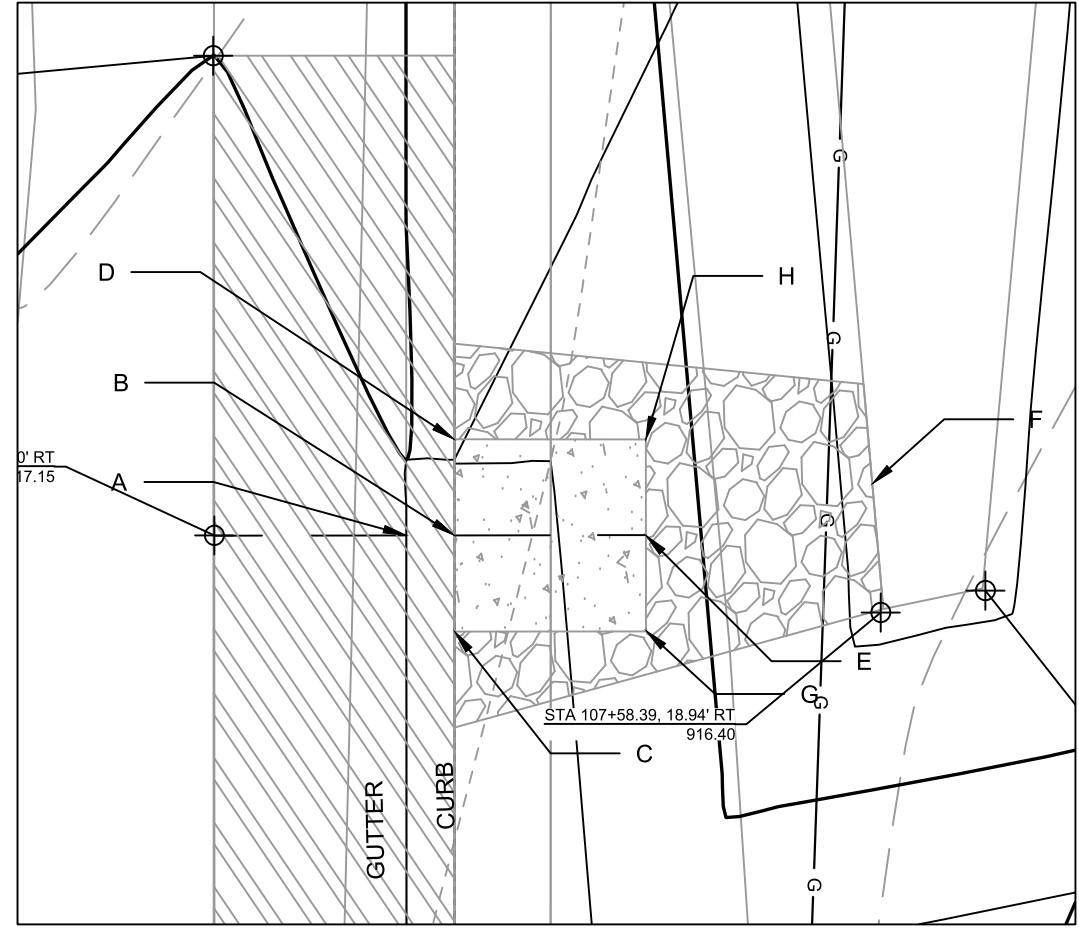
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MADISON, WI
8622
CONTRACT NO:

GREENINFR - 38 SOUTH OWEN
S. OWEN DRIVE ASSESSMENT DISTRICT - 2023
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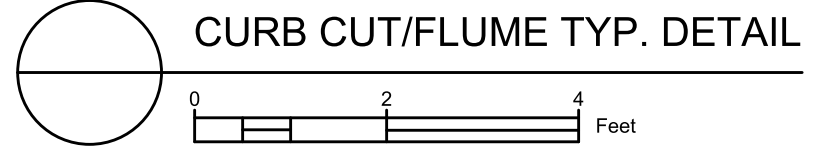
14080
GI-1



Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
		Pond depth (inches) from pt. A/Pond depth (inches) @ overflow	7.6 (IN)/10.2 (IN)
	Ex. EOG at CL of Flume	+0.125	917.15
A	Standard Gutter Flow Line at CL of Flume	0	917.03
B	Pro. Gutter Flow Line at CL of Flume Meeting Curb	-.17'(2")	916.86
C	Edge of Flume @ Gutter (Uphill)	varies	916.95
D	Edge of Flume @ Gutter (Downhill)	varies	916.89
E	Bottom of Flume at CL	-.33'(4")	916.69
F	Bottom of Stone/Pond	-.5'(6")	916.39
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	916.87
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	916.81



NOTES:
 1. ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS
 2. ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX, DO NOT SEED WITHIN SIDE SLOPES OR BOTTOM OF BASIN.
 3. SEE DETAIL D-1 AND D-2.



CURB CUT/FLUME TYP. DETAIL

14080
 MADISON, WI
 8622
 CONTRACT NO:
 GREENINFR - 31 SOUTH OWEN
 S. OWEN DRIVE ASSESSMENT DISTRICT - 2023
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 BY: GI-2

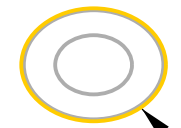
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 GI-2



S OWEN DR

Install 6" crosswalk

6'



Repaint yellow paint
on traffic circle

HILLCREST DR



REGENT ST

6'

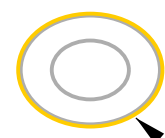
Install 6" crosswalk
& Stop Bar

S OWEN DR



Install 6" crosswalks
& Stop Bars

6'



Install yellow paint
on traffic circle

BAGLEY PKWY

6'

6'

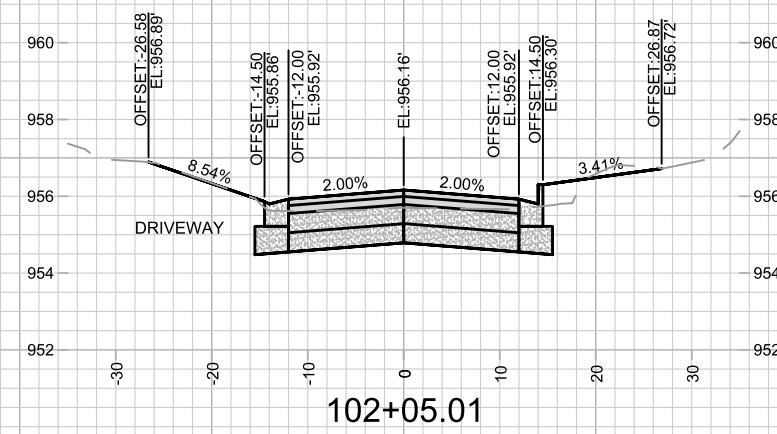
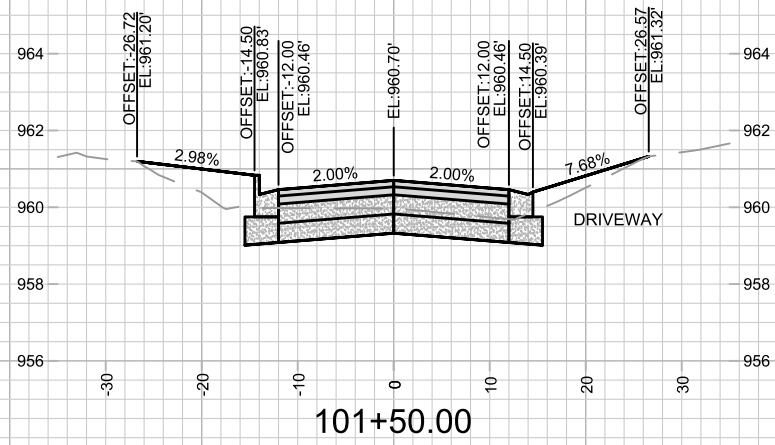
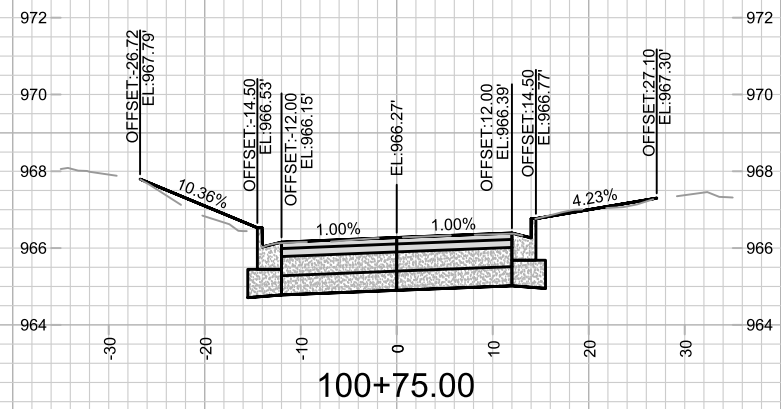
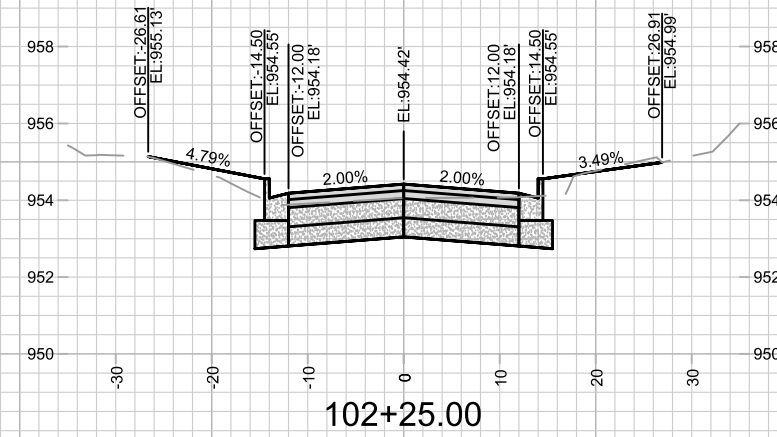
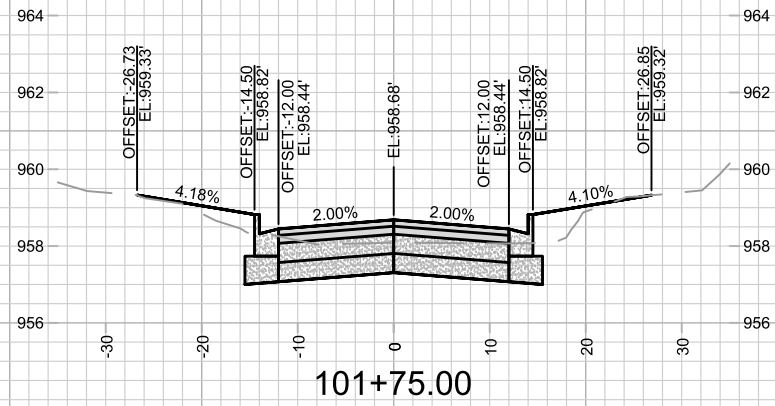
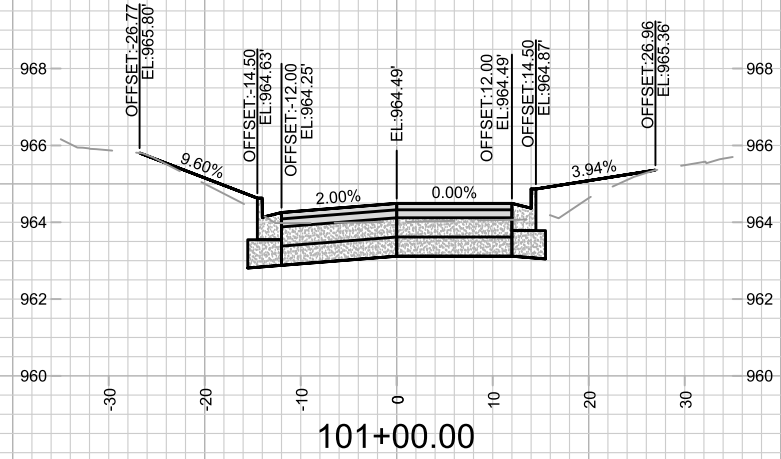
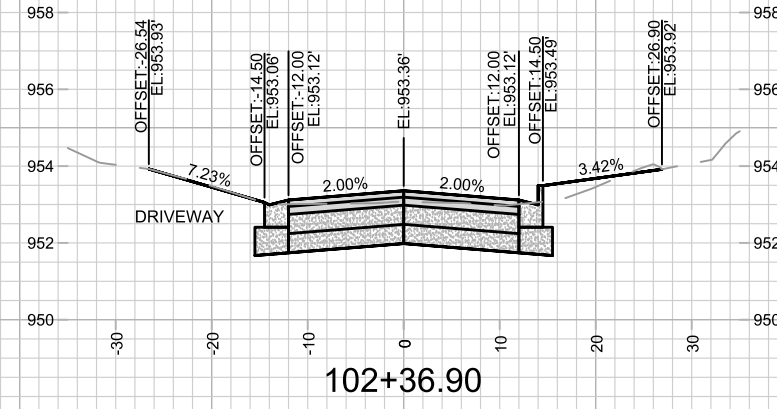
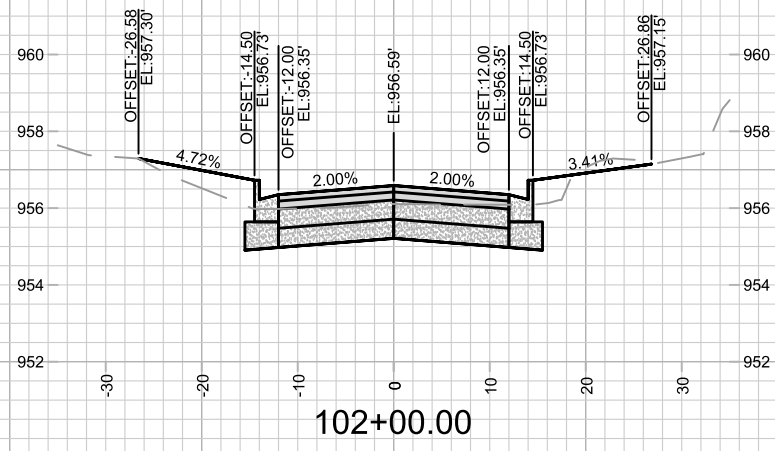
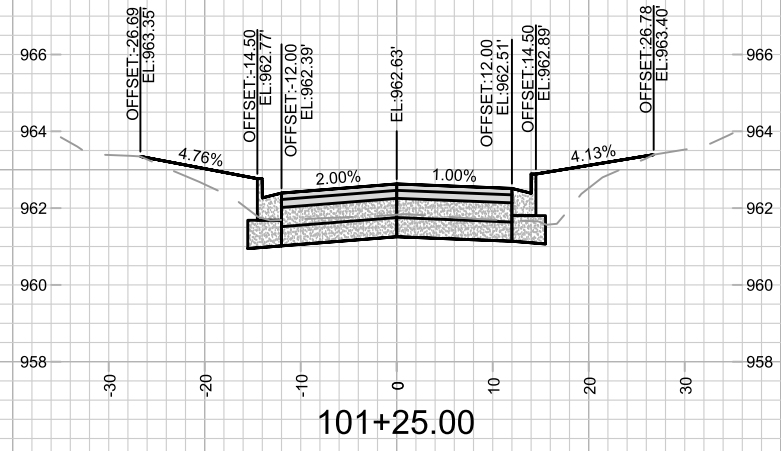
S OWEN DR

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

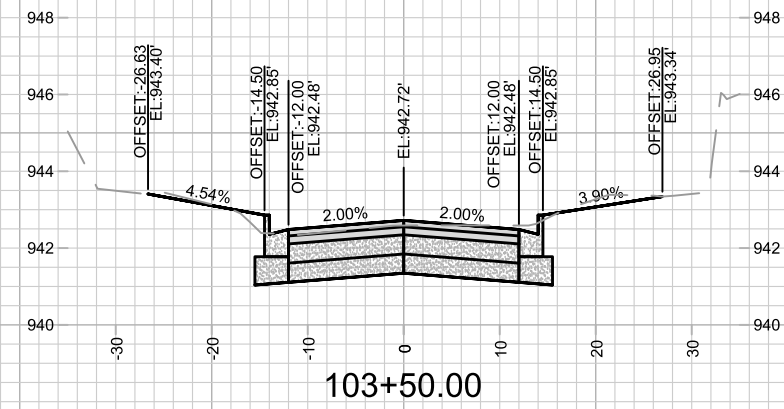
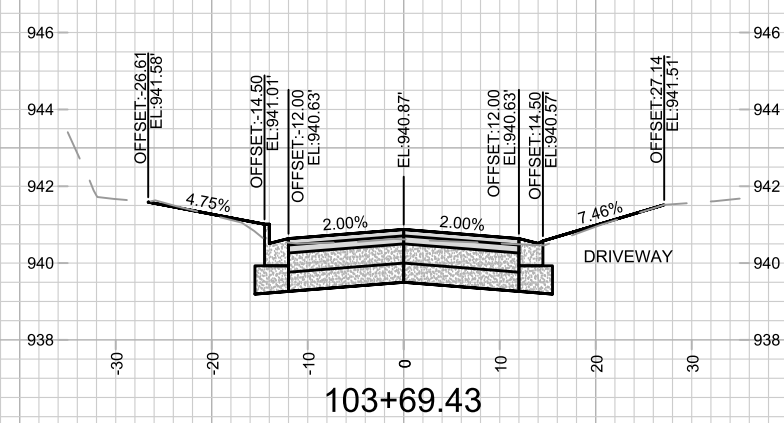
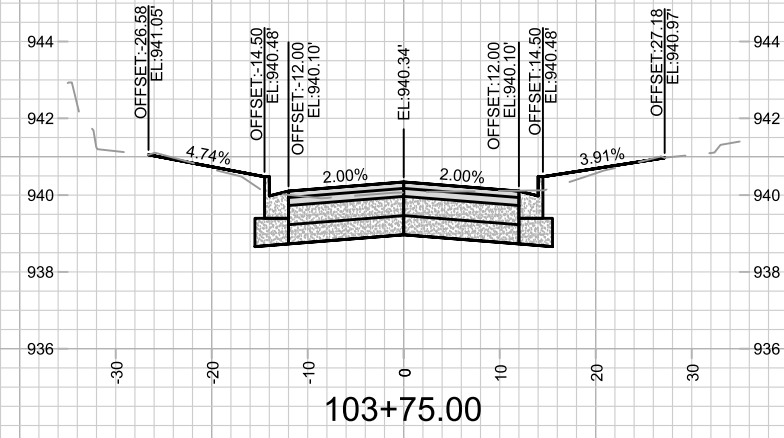
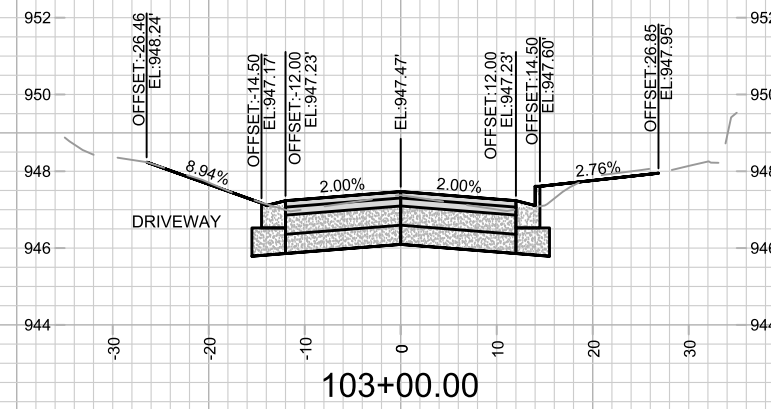
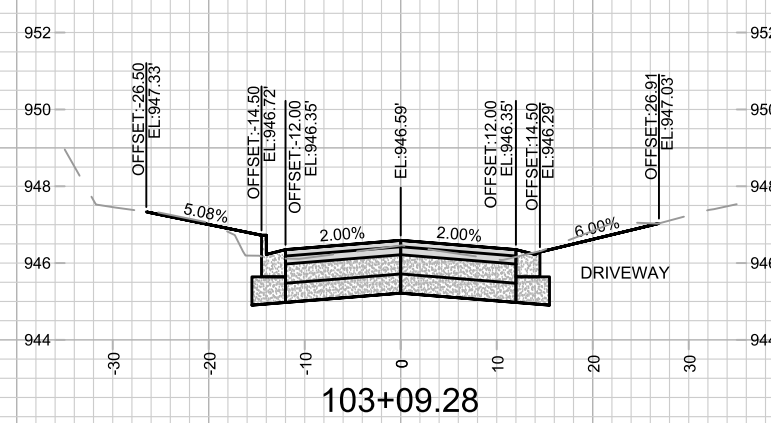
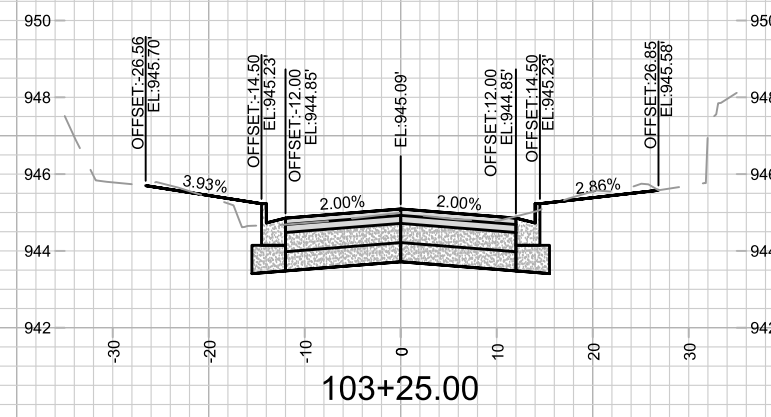
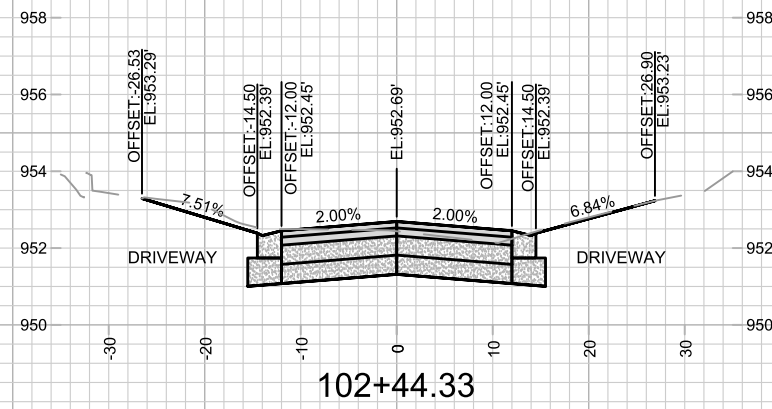
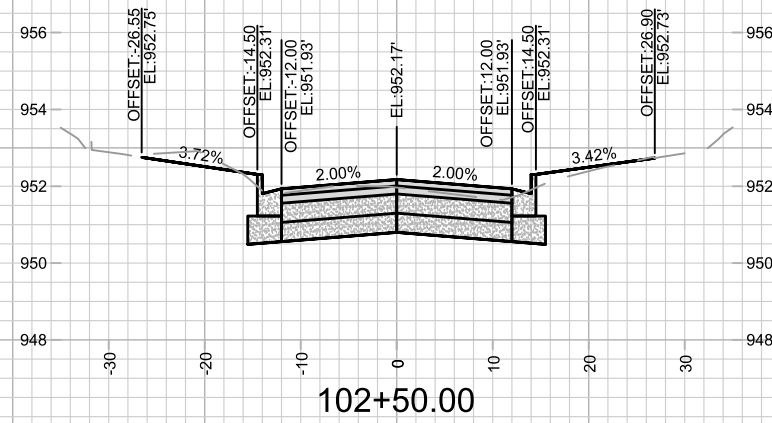
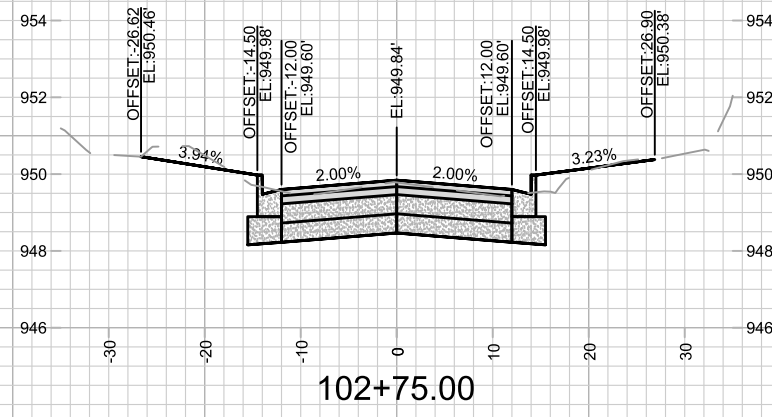


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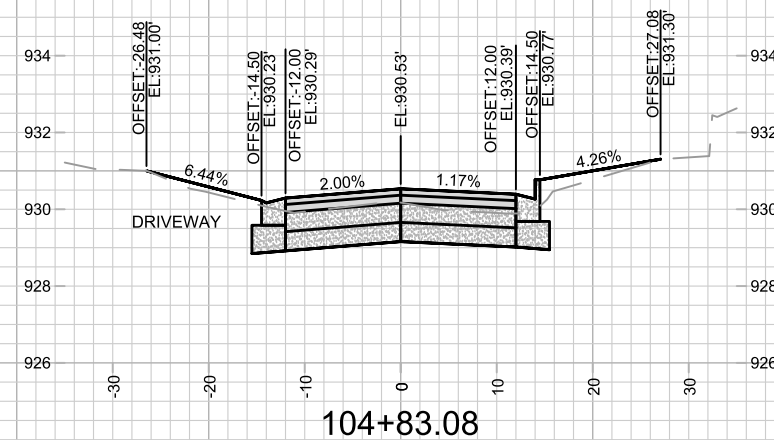
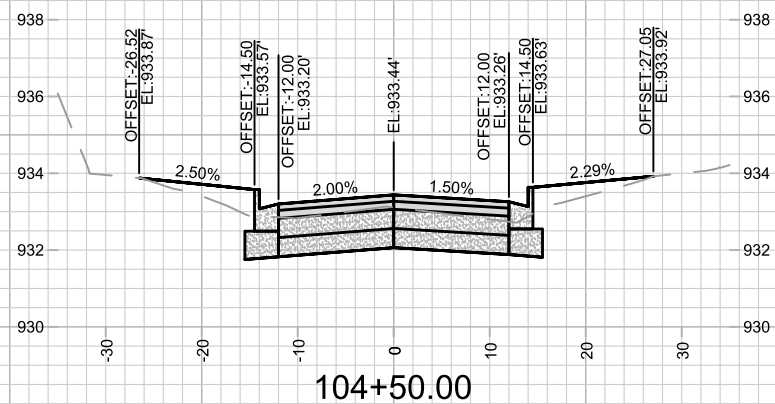
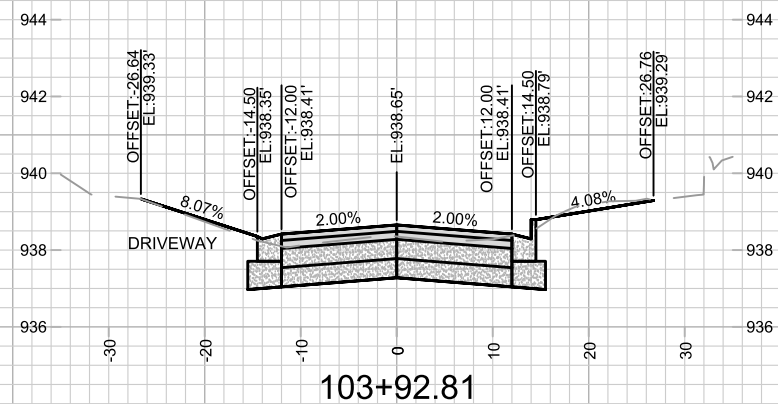
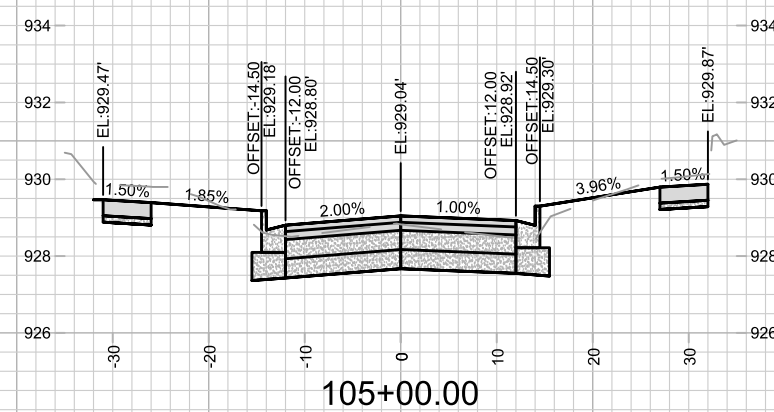
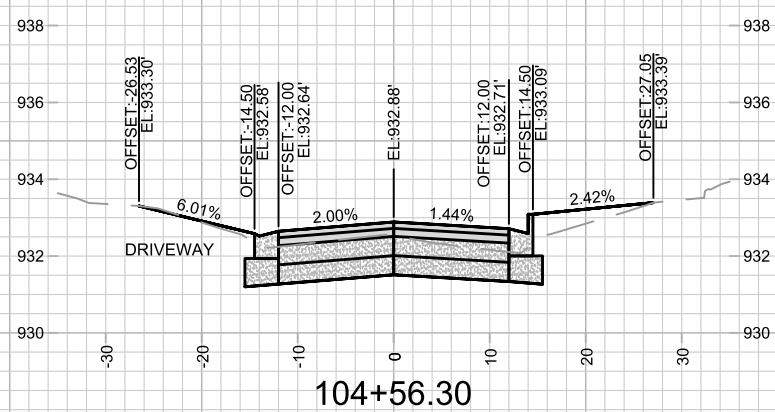
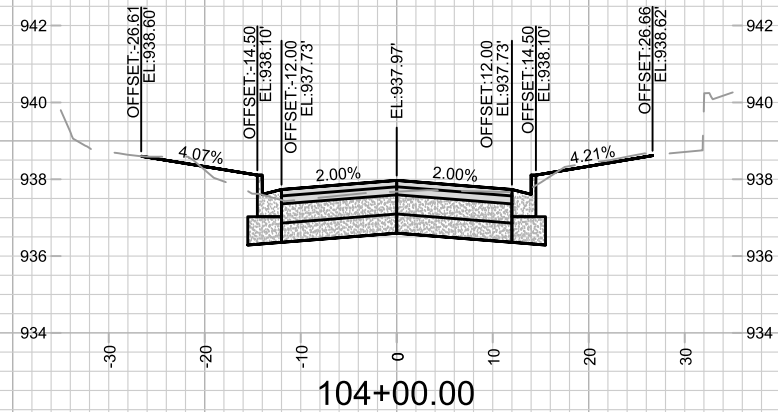
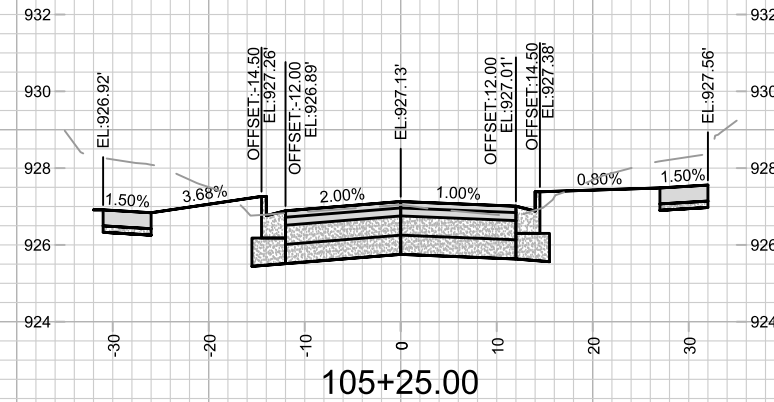
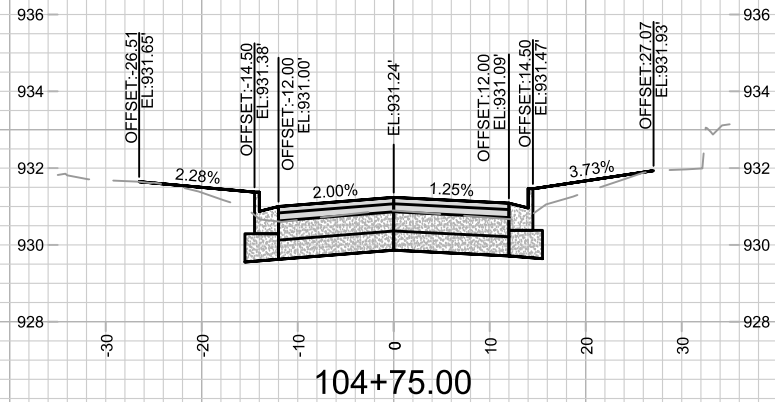
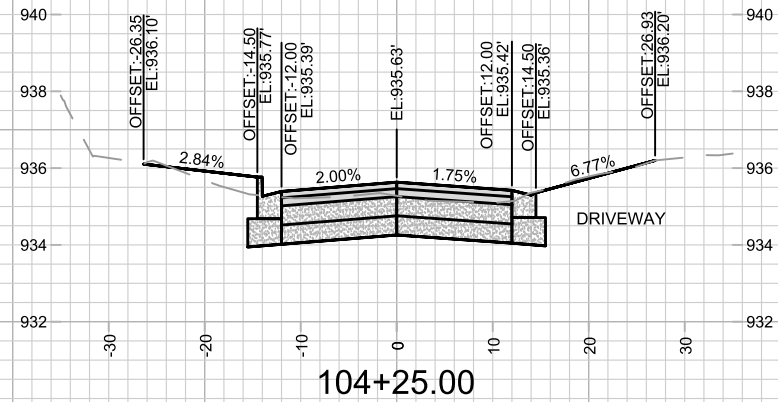
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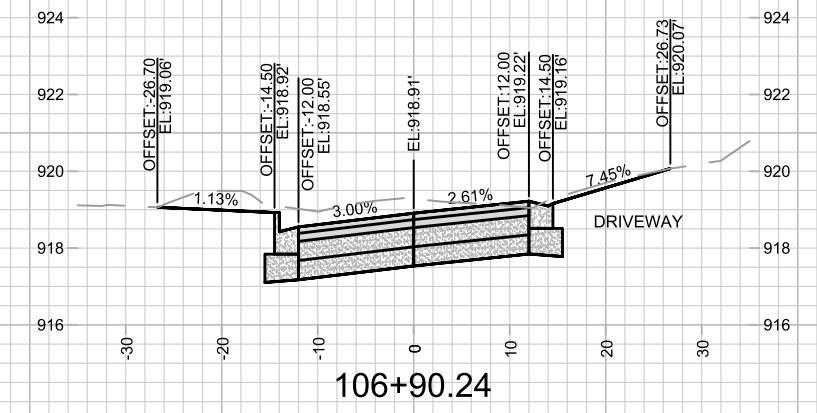
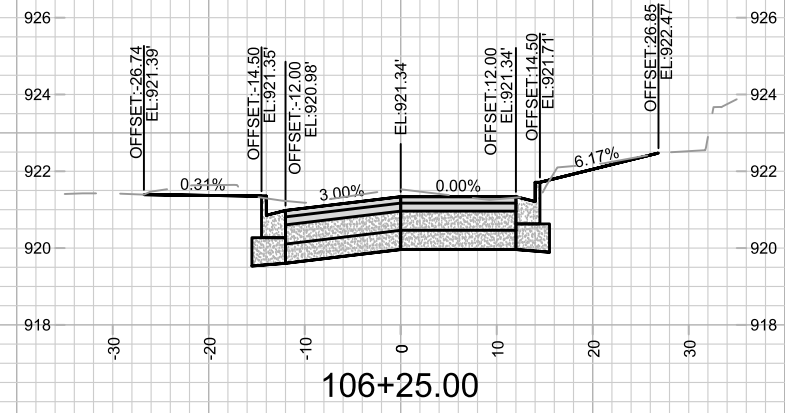
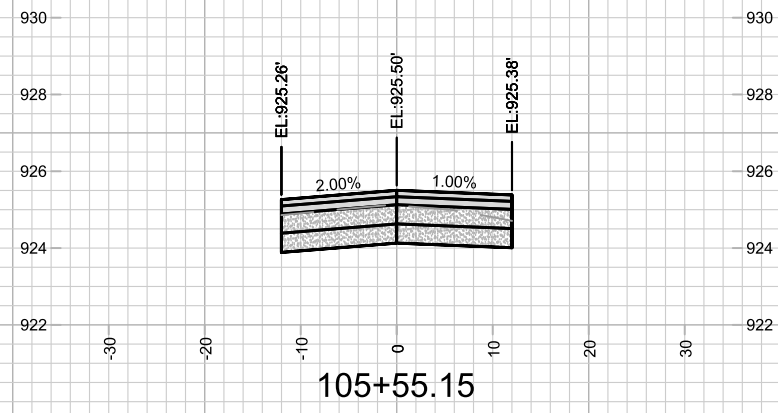
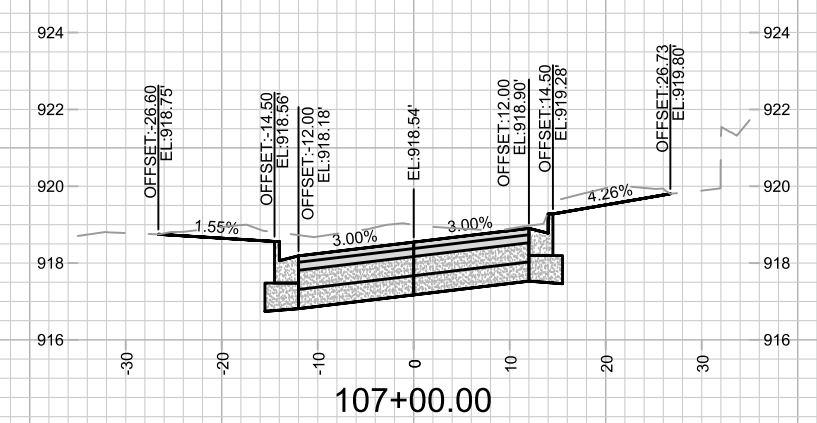
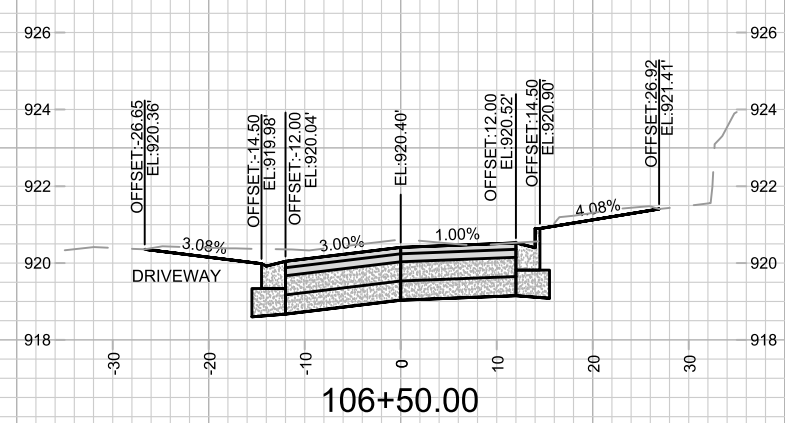
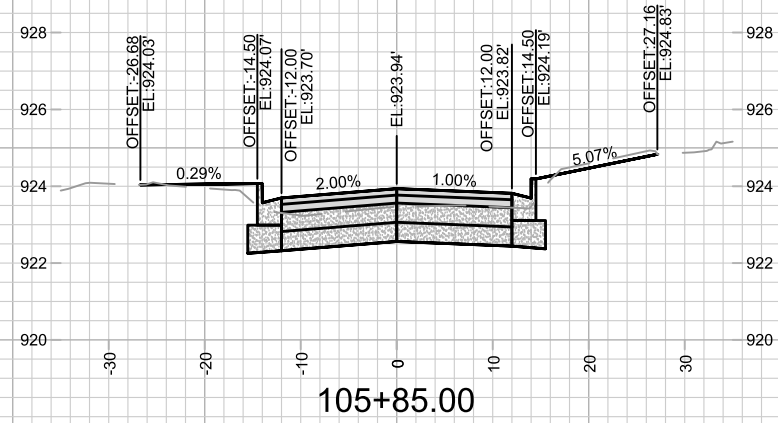
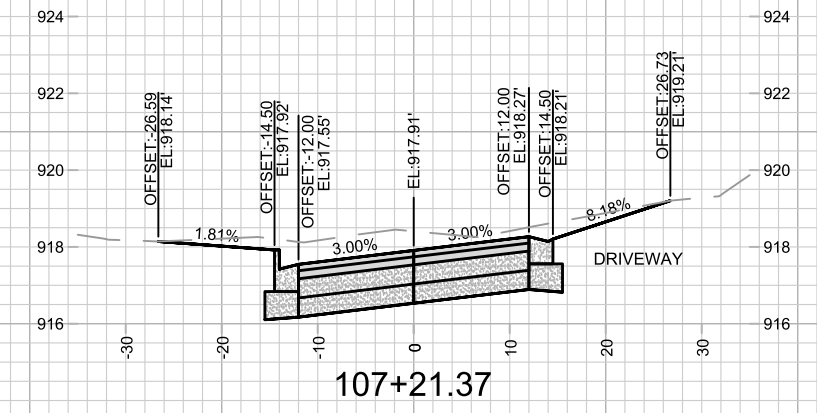
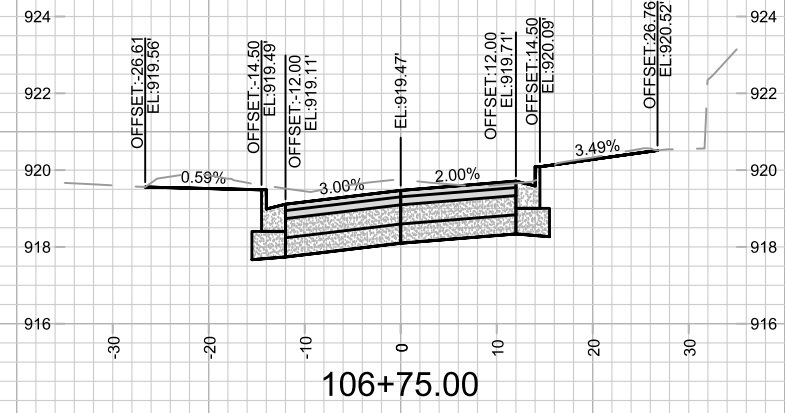
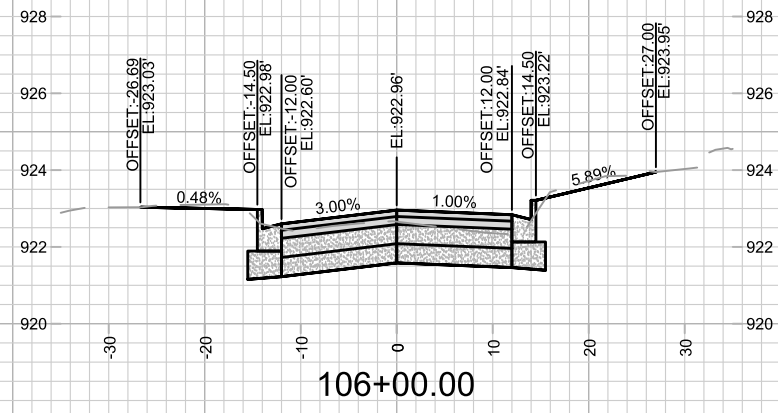
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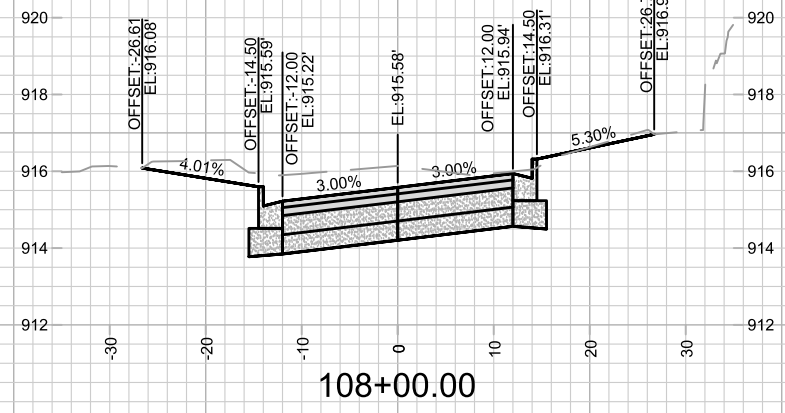
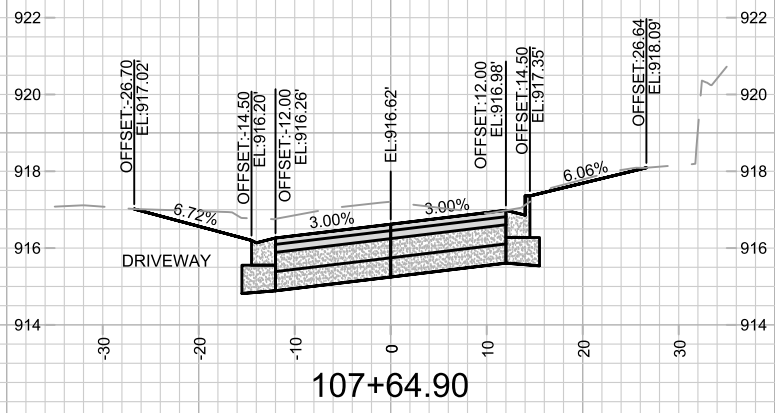
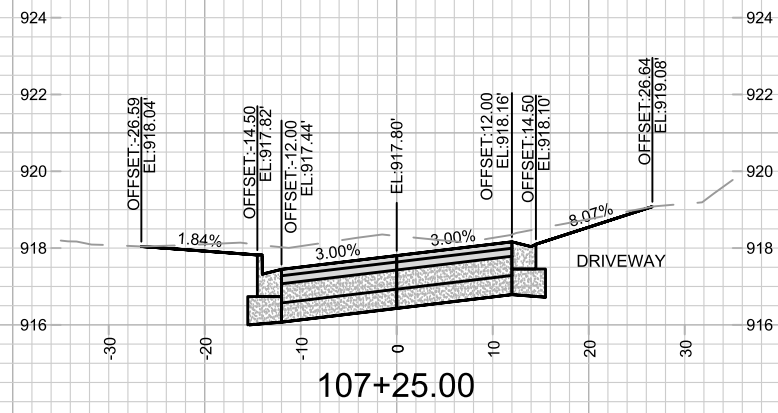
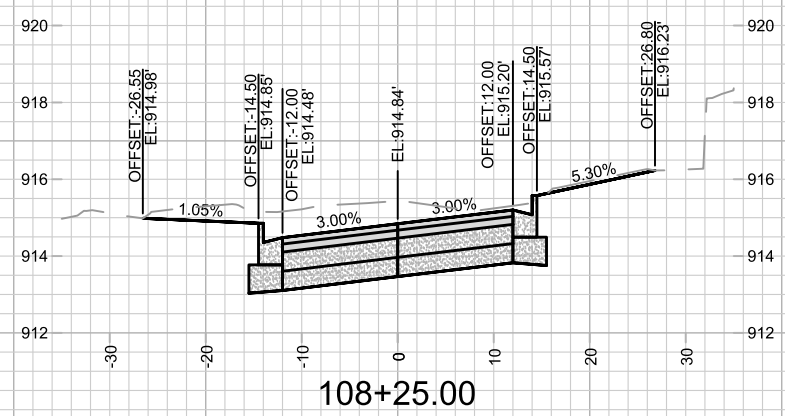
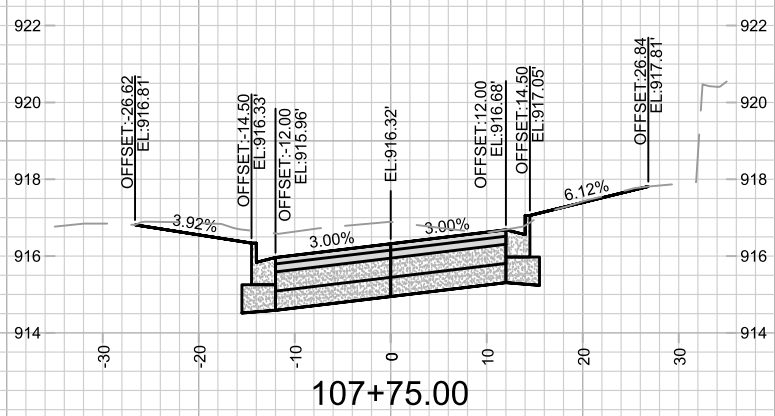
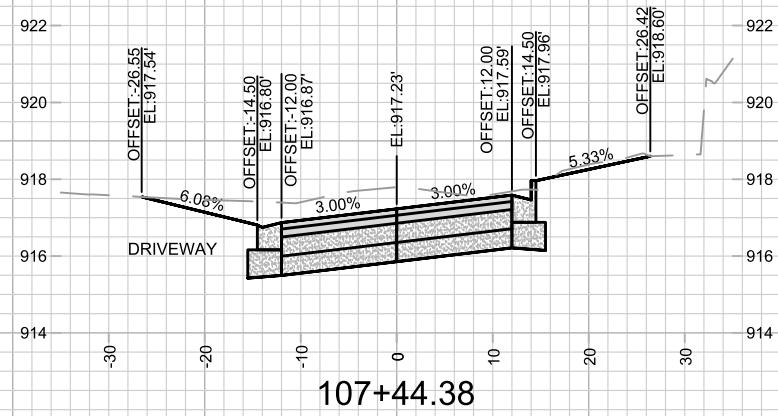
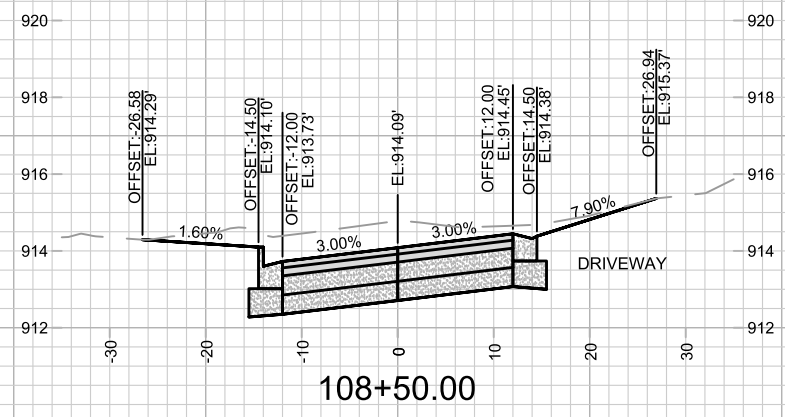
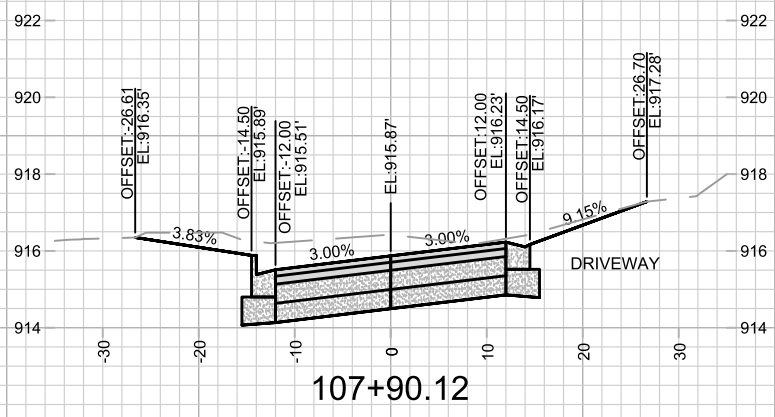
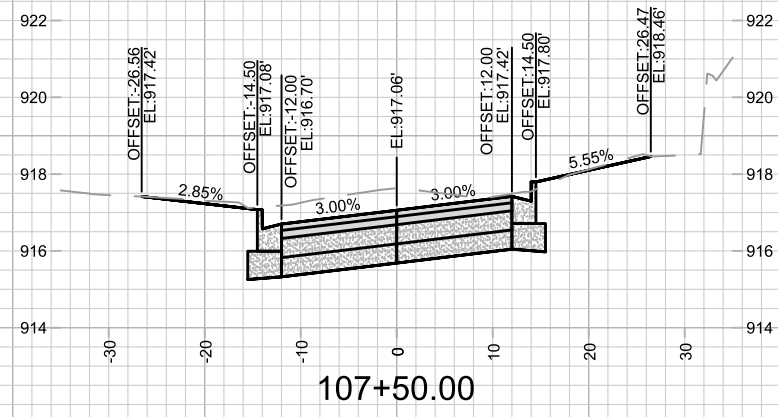
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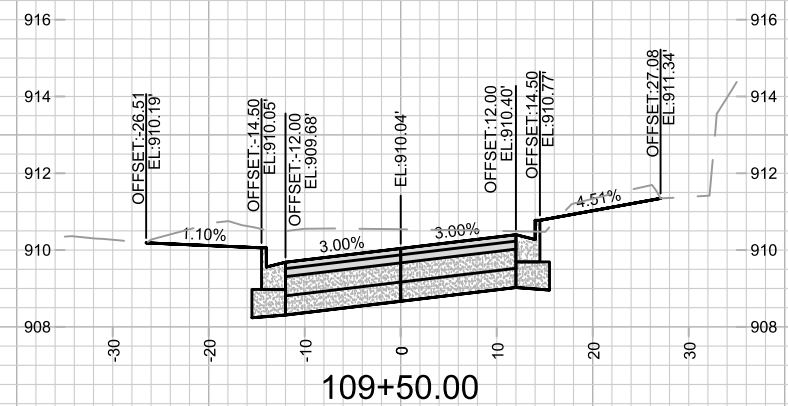
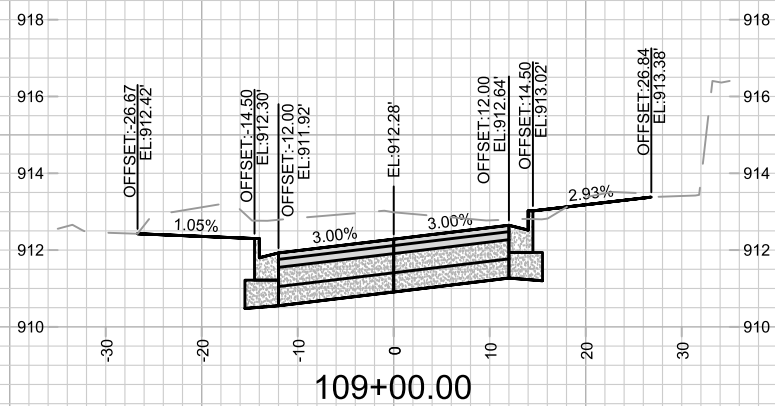
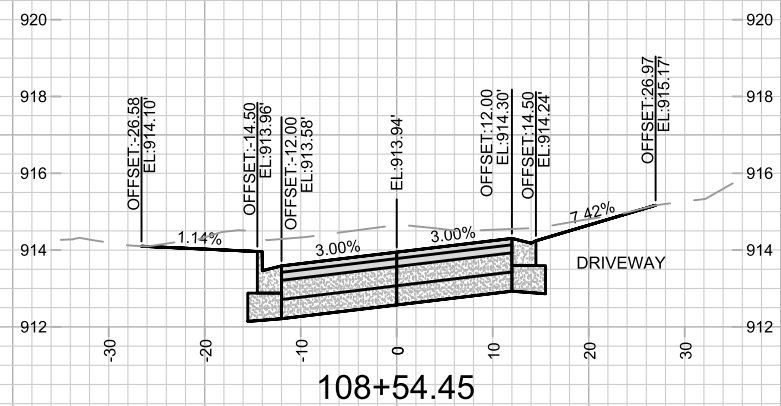
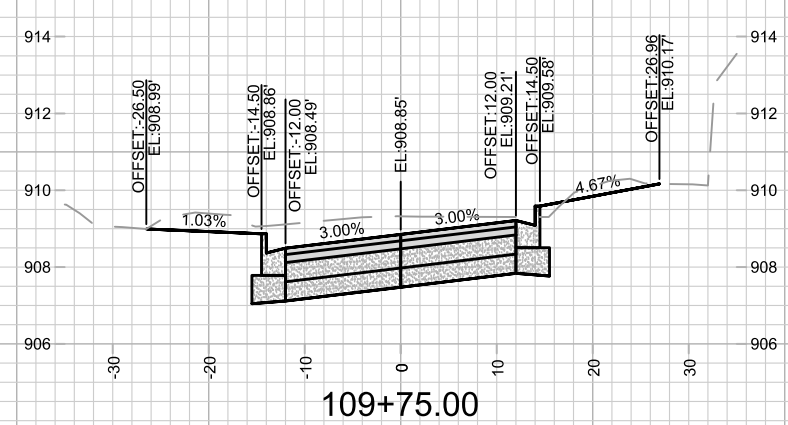
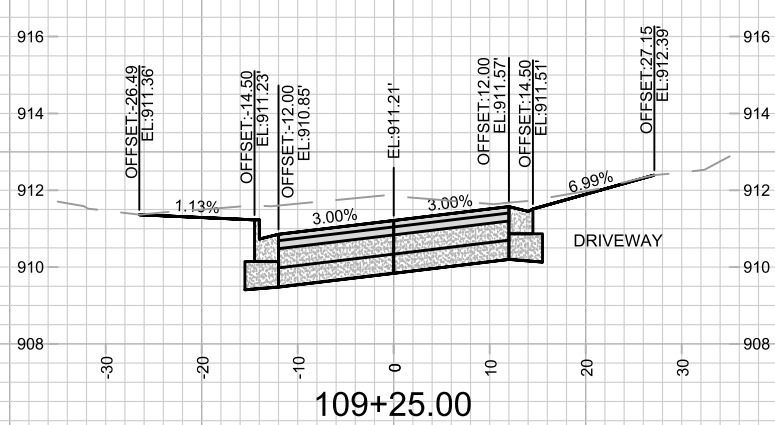
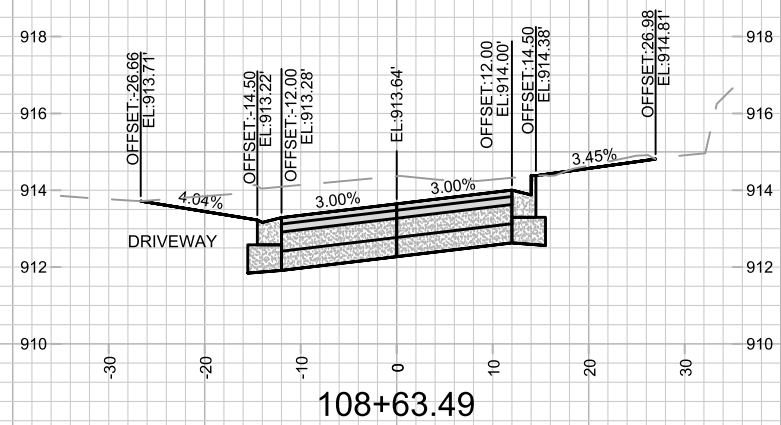
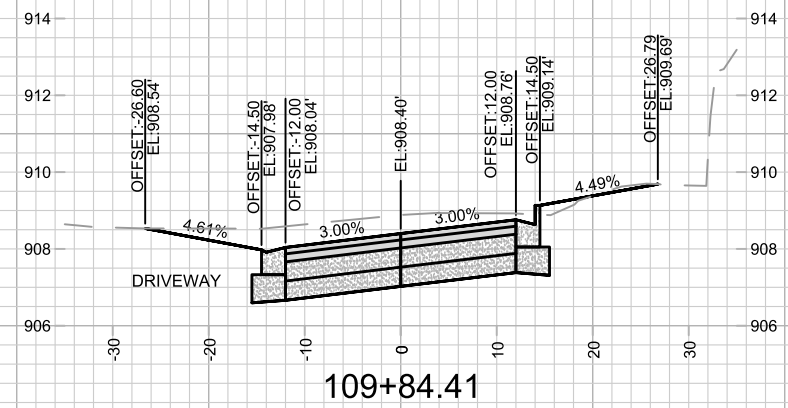
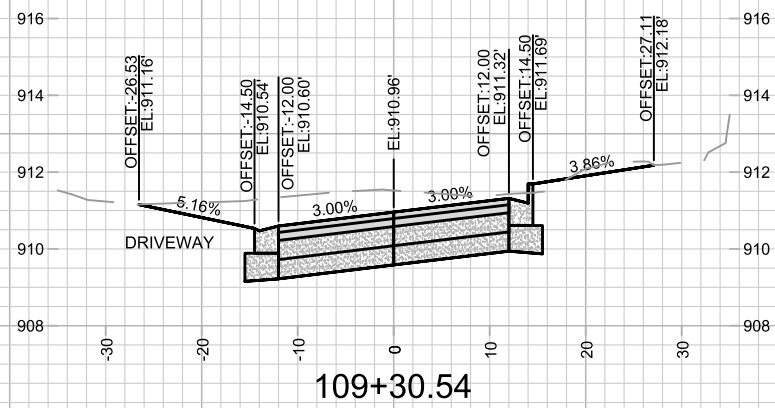
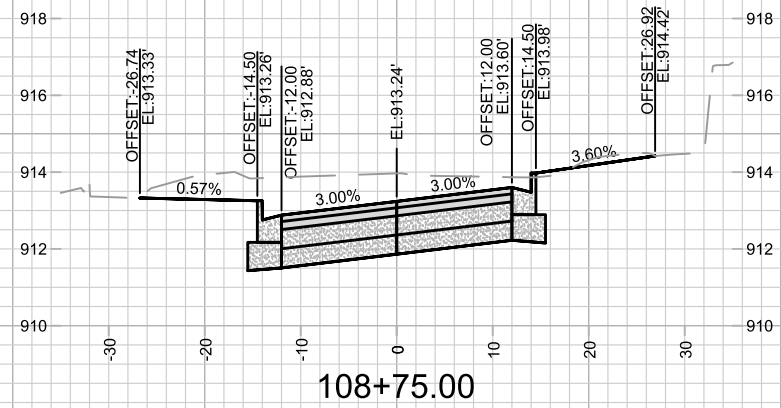
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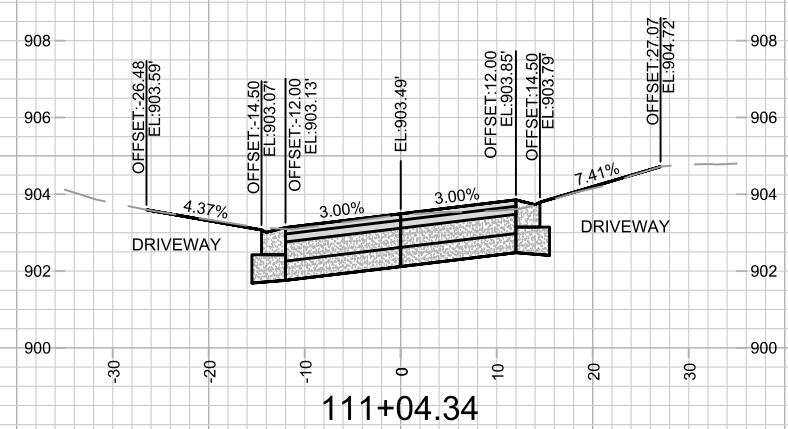
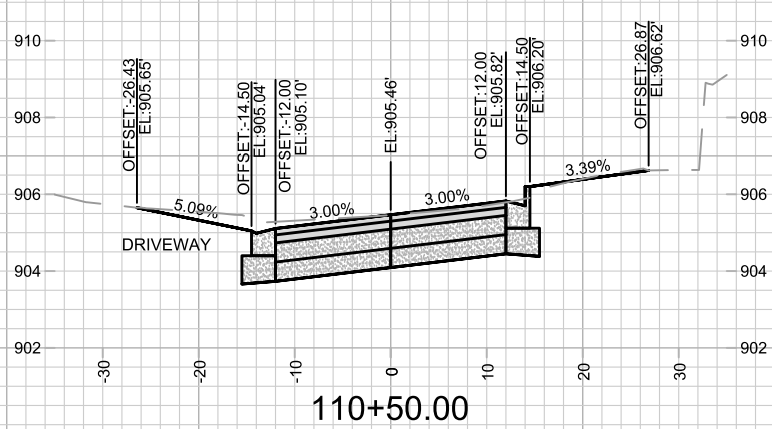
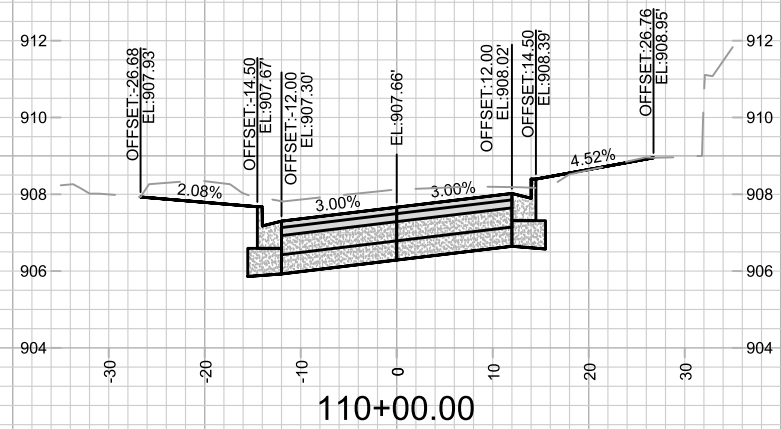
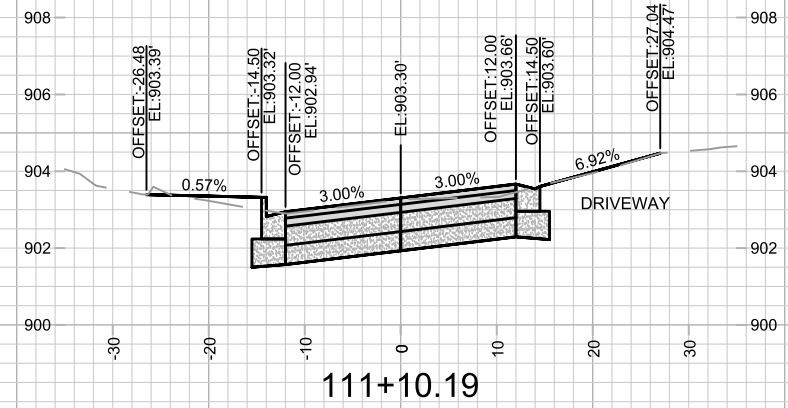
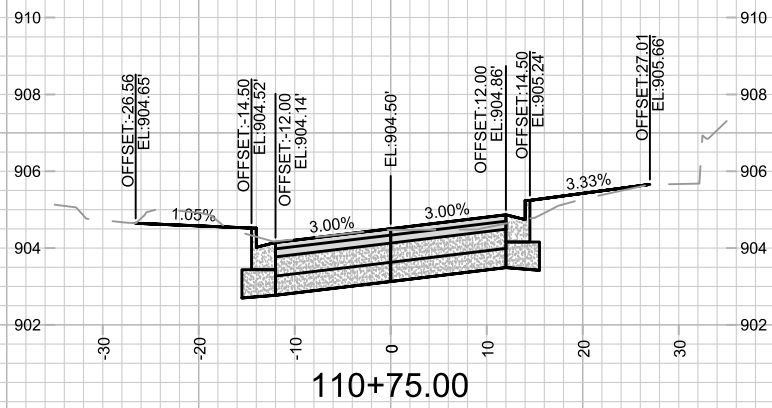
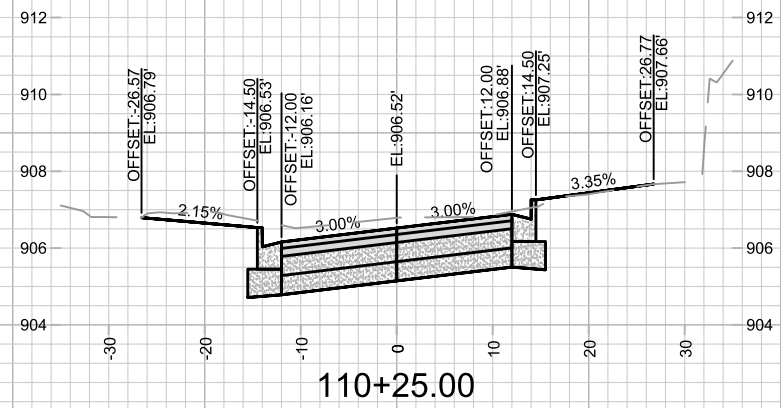
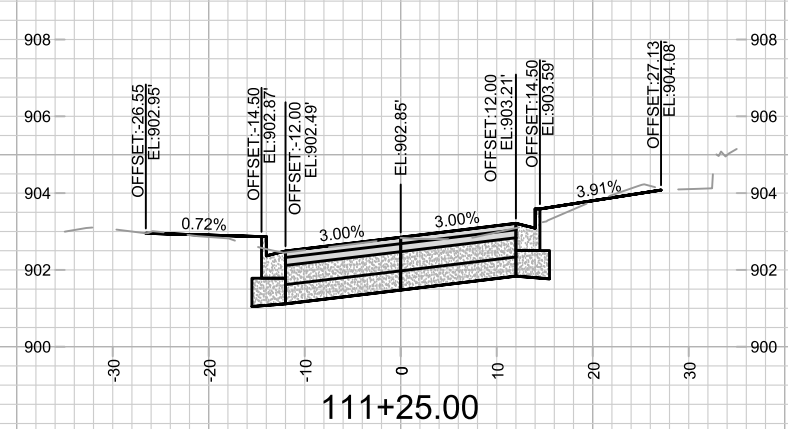
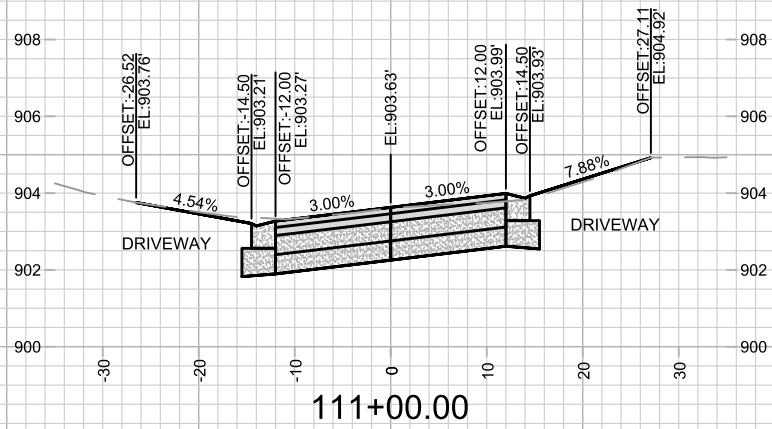
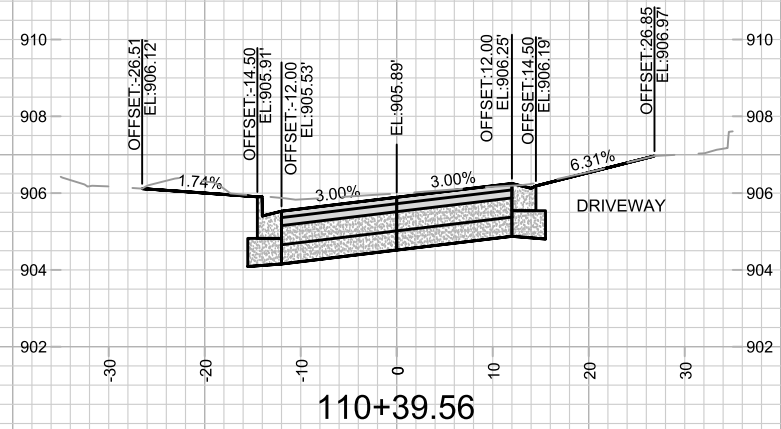
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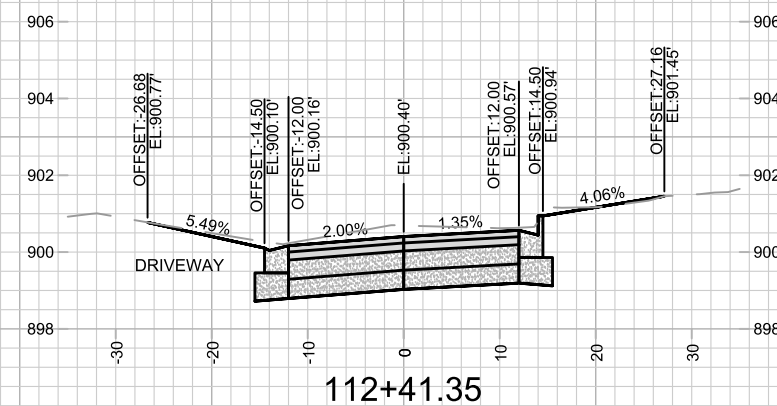
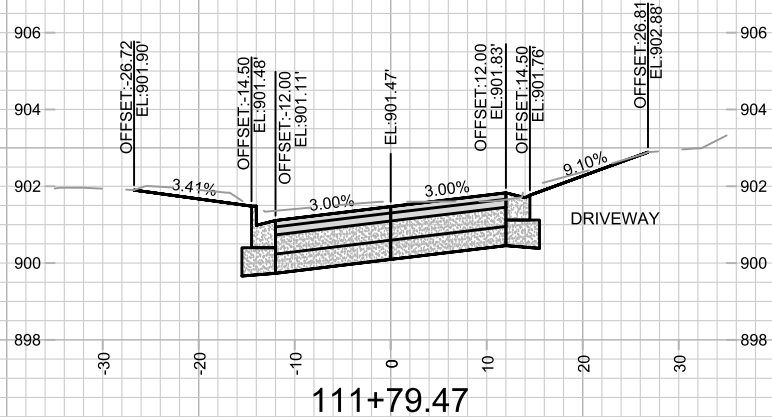
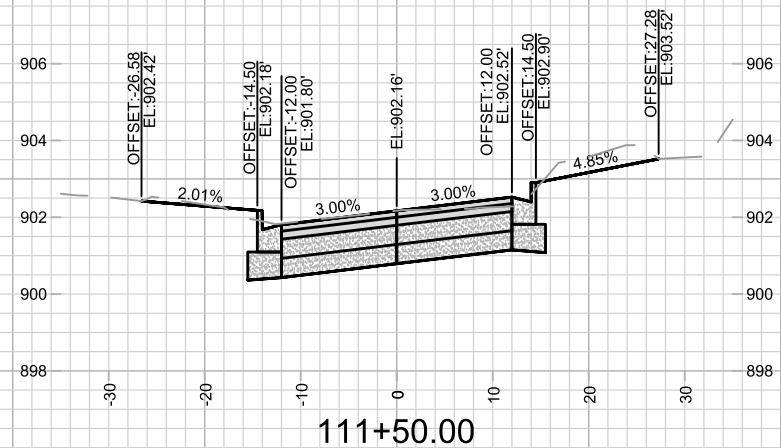
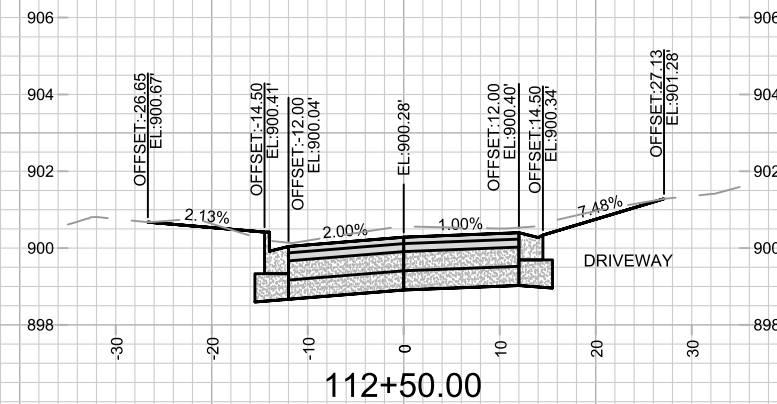
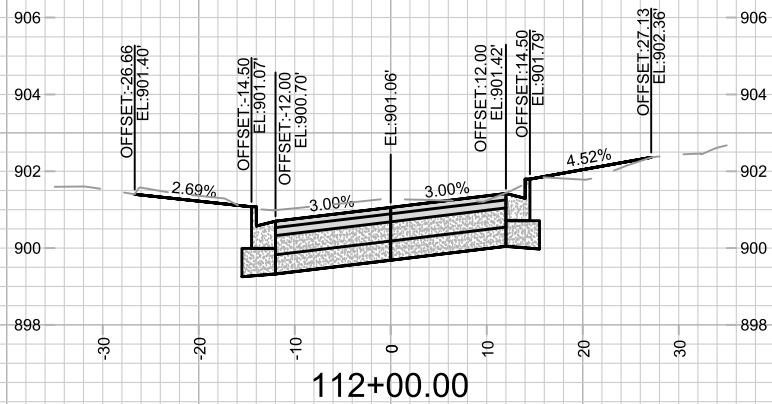
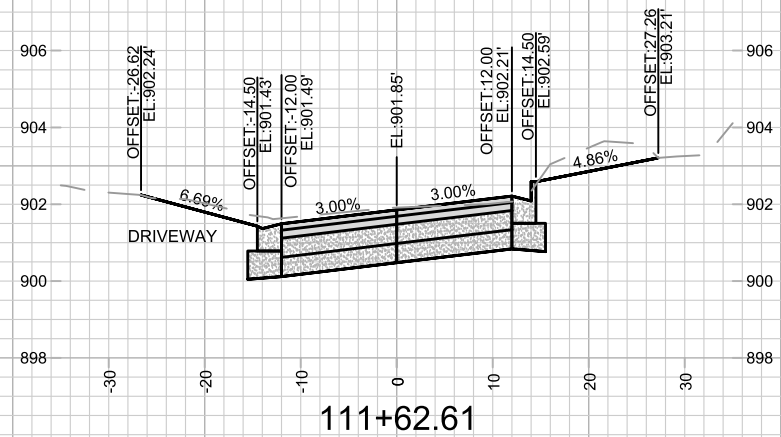
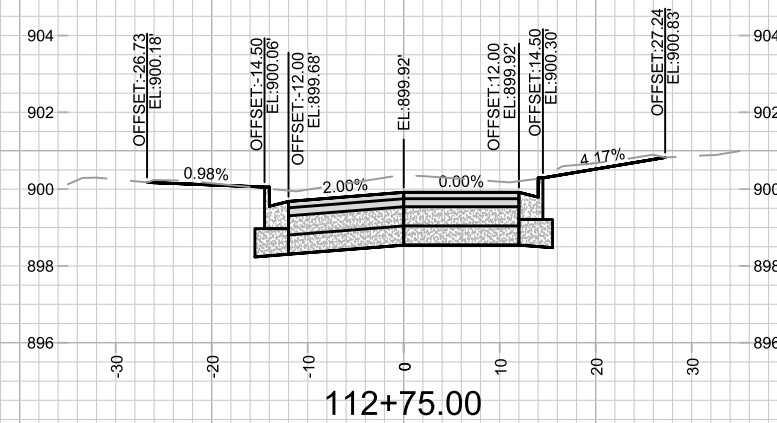
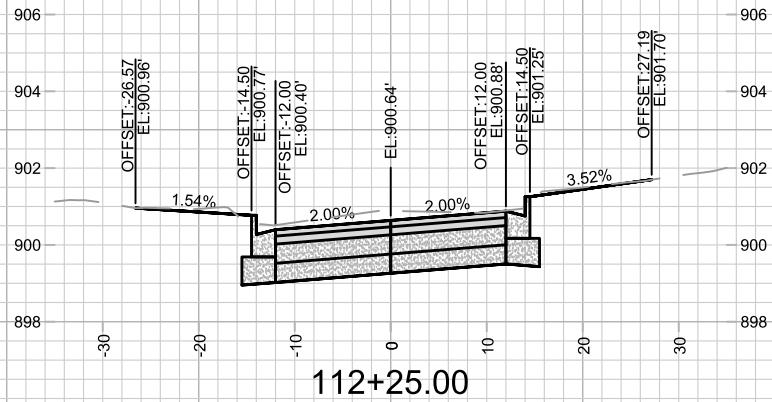
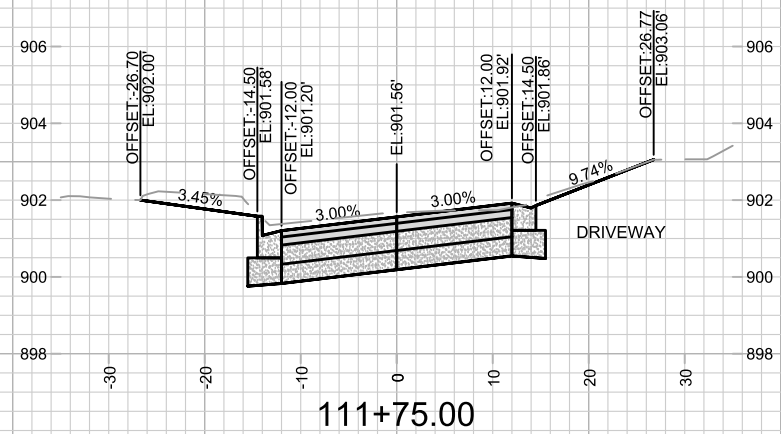
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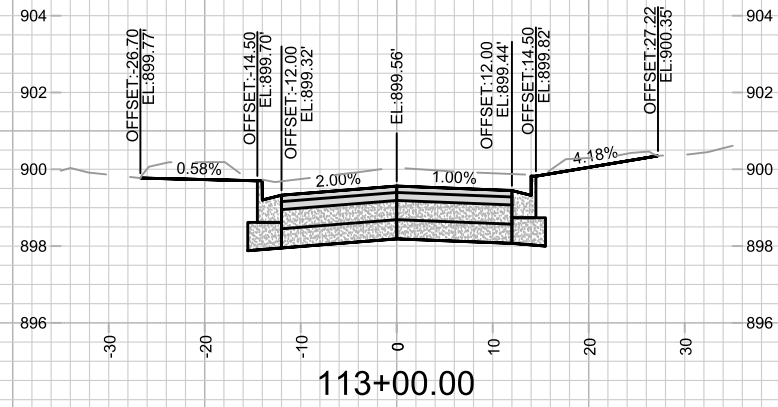
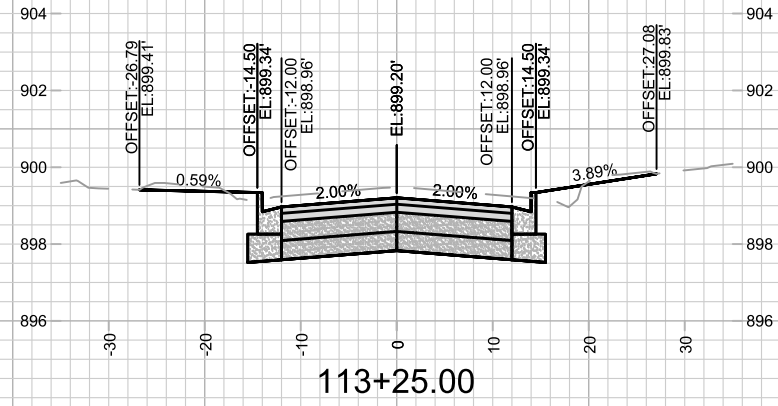
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