



Madison, Wisconsin

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CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	G
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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 WHERE STREET GRADES EXCEED 5.00%.

CITY MAINTENANCE PLAN NOT REQUIRED
 EARTHWORK SUMMARY:
 EXCAVATION CUT (MEASURED PLAN QUANTITY).....2360 CY
 ESTIMATED UNDISTURBED UNDERCUT.....320 CY
 TOTAL UNCLASSIFIED EXCAVATION CUT.....2680 CY

CITY OF MADISON

CITY ENGINEERING DIVISION

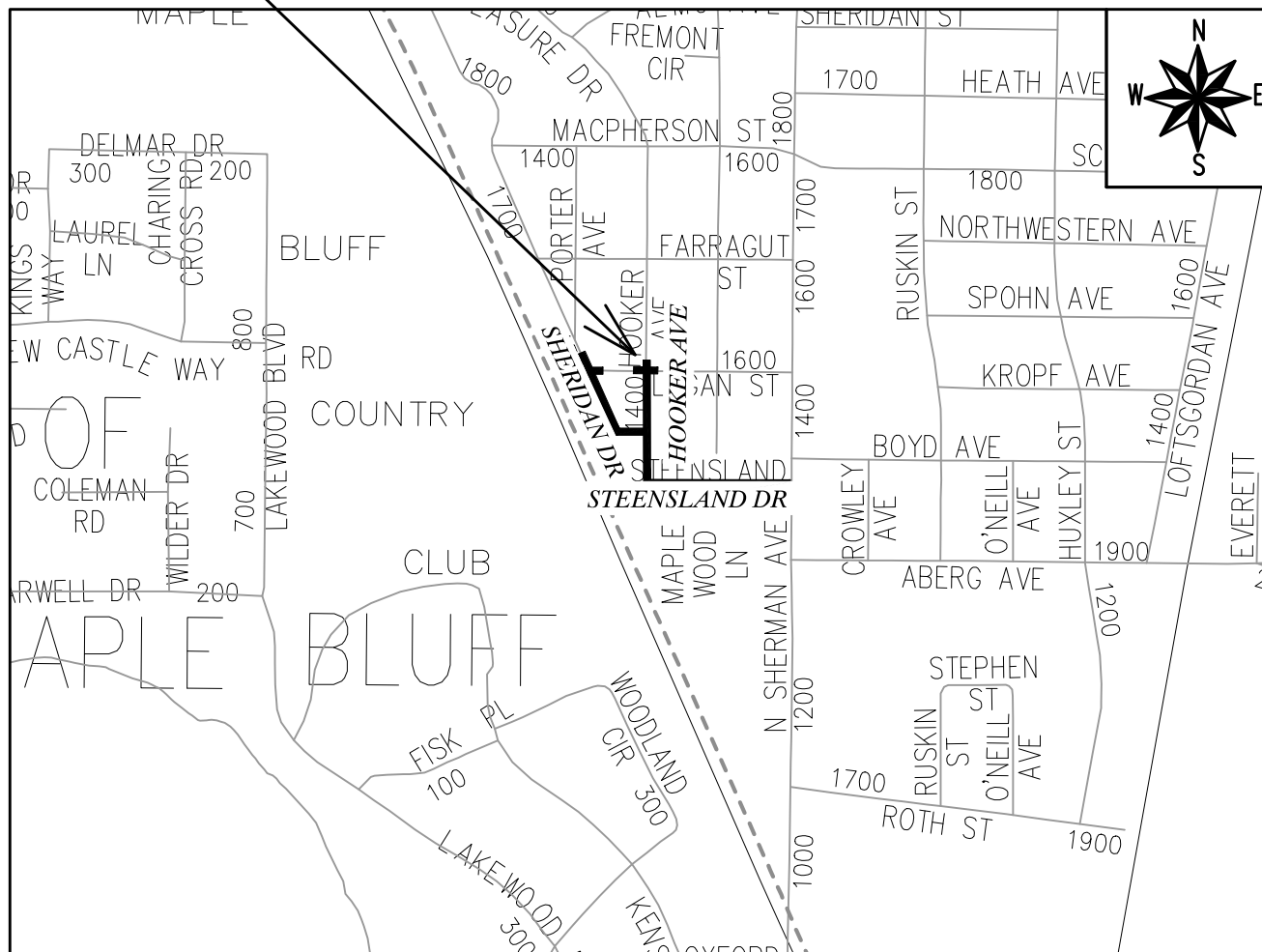
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING ASSESSMENT DISTRICT - 2021

CITY PROJECT NO. 13176
 CONTRACT NO. 8565

PROJECT LOCATION



PUBLIC IMPROVEMENT PROJECT APPROVED

APPROVED DATE: MAY 4, 2021

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

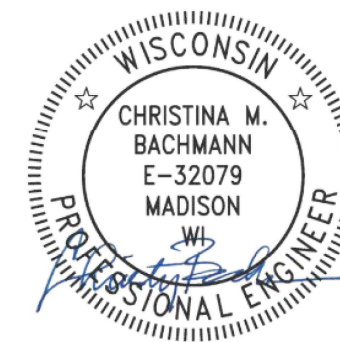
PUBLIC IMPROVEMENT DESIGN APPROVED BY:

5-28-2021

City Engineer

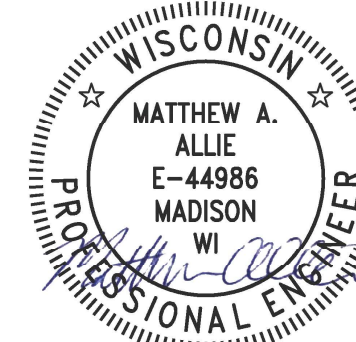
Date

STREET DESIGNED BY:



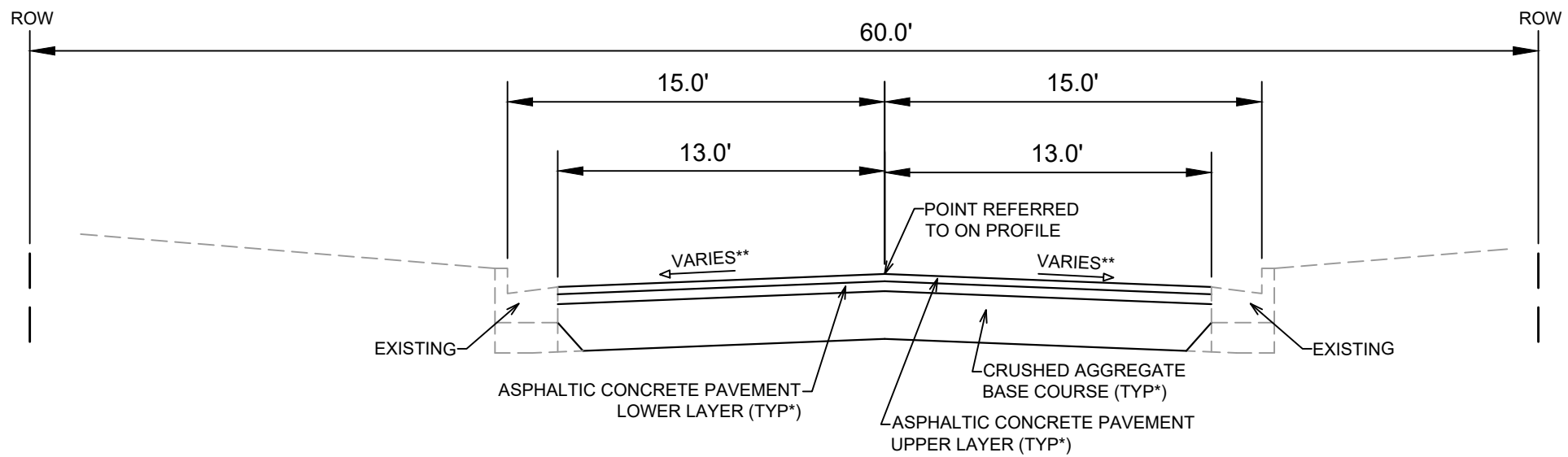
5-28-2021

STORM & SANITARY SEWER DESIGNED BY:

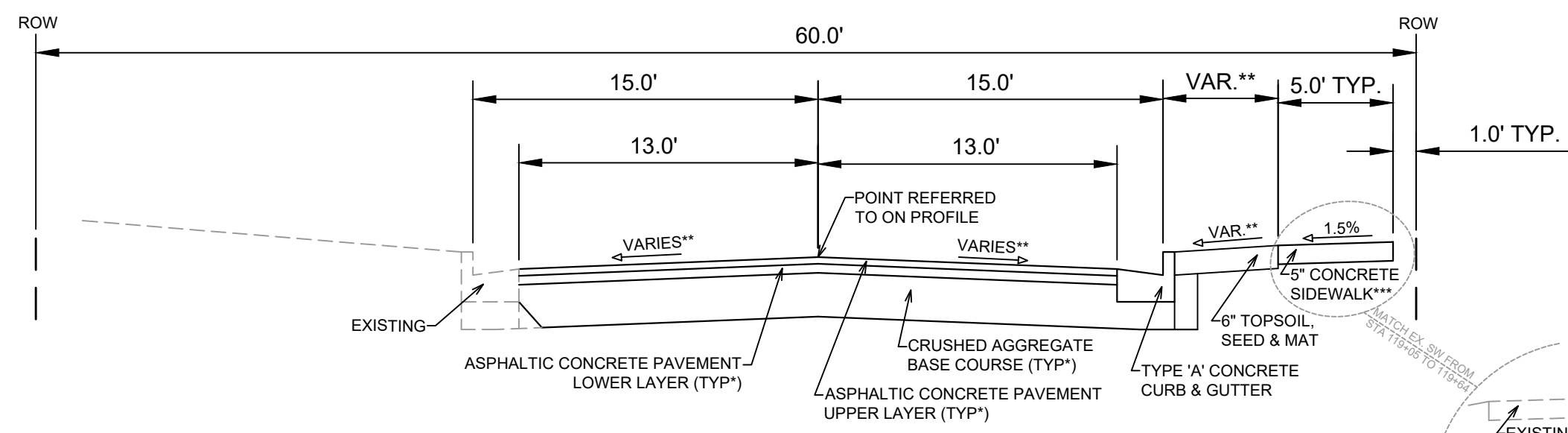


May 28, 2021

PLOT SCALE: 1 IN. = 1 FT. XREF REV. DATE: 5/27/2021 4:44:46 AM ORIGINATOR: CITY_OF_MADISON



TYPICAL SECTION
 STEENSLAND DRIVE
 HOOKER AVENUE
 SHERIDAN DRIVE



TYPICAL SECTION
 STEENSLAND DRIVE & HOOKER AVE
 (STA 15+03 TO STA 19+64)

EXISTING SIDEWALK
 STA 119+05 TO STA 119+64

NOTES:

* HOOKER AVE, STEENSLAND DRIVE, AND SHERIDAN DRIVE SHALL BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

** SEE PLAN AND CROSS-SECTIONS FOR DETAILS AND DIMENSIONS

*** 2" SELECT FILL MIN. (INCLUDED WITH SIDEWALK) OR 3" GRAD. NO. 3 CRUSHED AGGREGATE WHERE STREET GRADE EXCEEDS 5%.

**** SPOT CURB AND SIDEWALK REPLACEMENTS, SEE PLAN FOR LOCATIONS

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"



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 MADISON, WI
 CONTRACT NO: 8565
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 8565
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TYPICAL SECTIONS
 HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021
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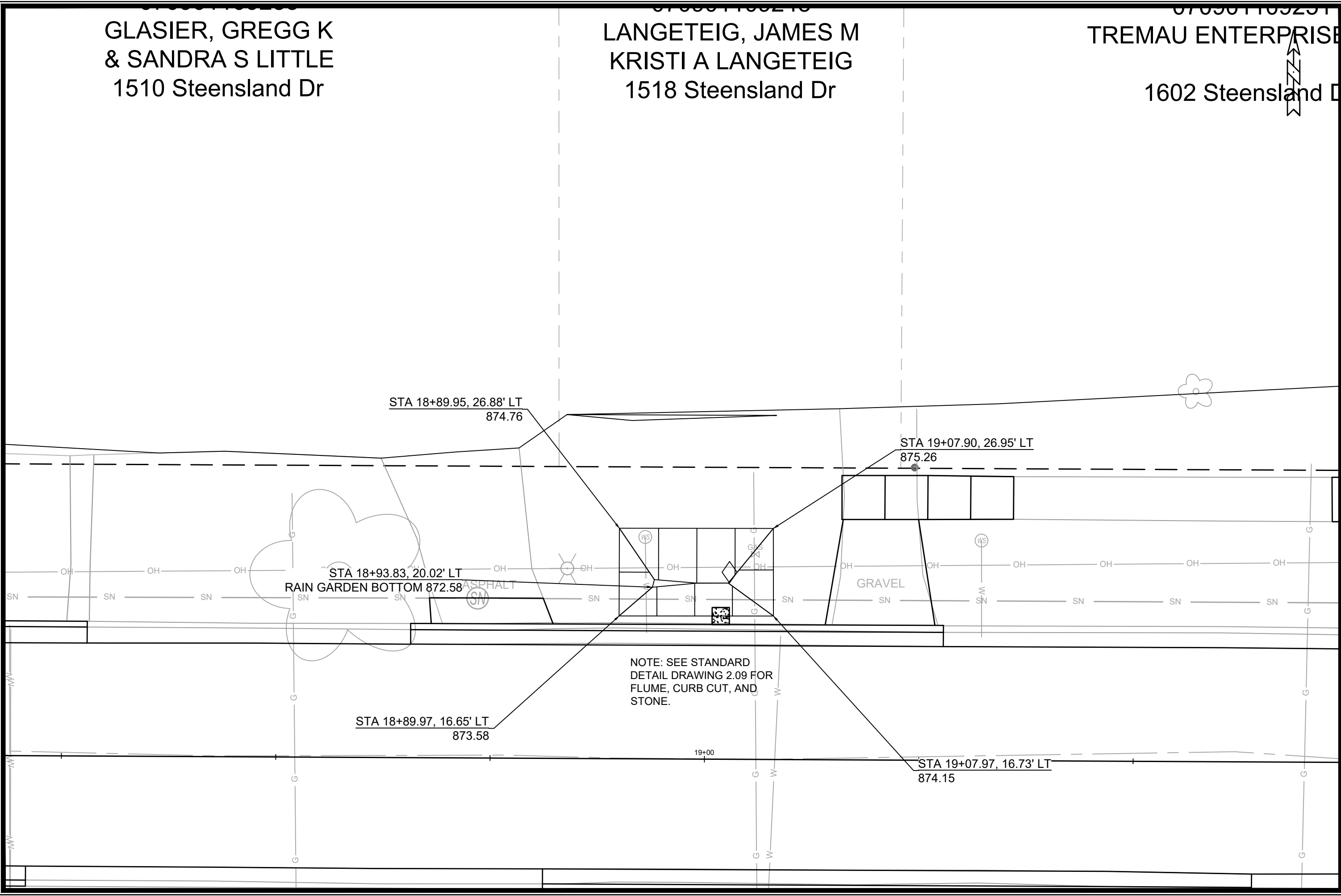
13176
 D-1



GLASIER, GREGG K
& SANDRA S LITTLE
1510 Steensland Dr

LANGETEIG, JAMES M
KRISTI A LANGETEIG
1518 Steensland Dr

TREMAU ENTERPRISE
1602 Steensland Dr



NOTE: SEE STANDARD
DETAIL DRAWING 2.09 FOR
FLUME, CURB CUT, AND
STONE.

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RG-1

13176
MADISON, WI
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1518 STEENSLAND DRIVE - TERRACE RAIN GARDEN
HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021
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13176
RG-1

EROSION CONTROL NOTES:

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

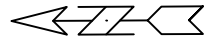
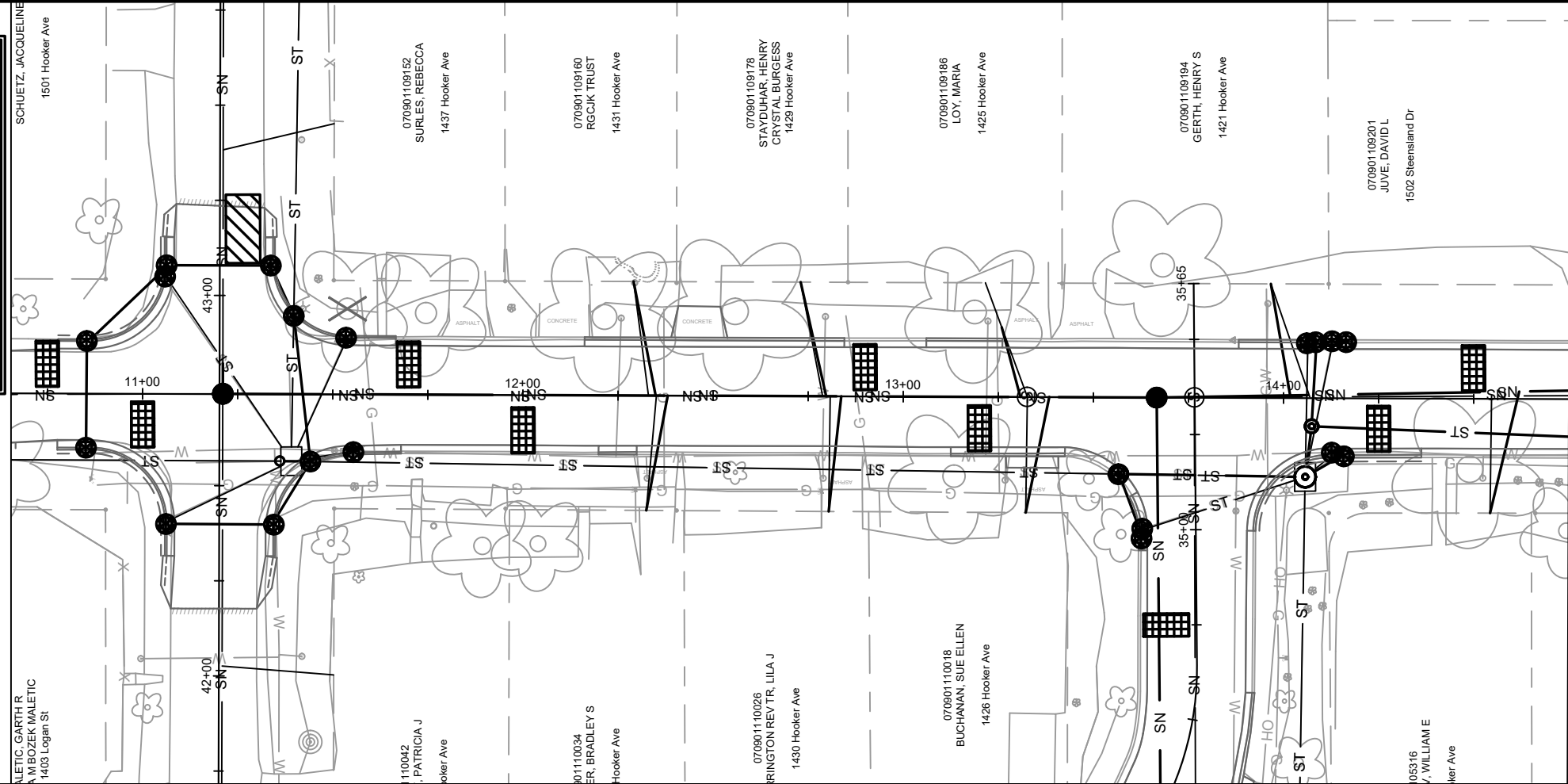
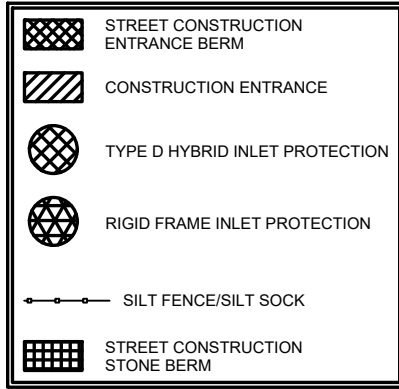
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH TEH WDNRSOC 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.



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 MADISON, WI
 CONTRACT NO: 8565
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13176
 EC-1

EROSION CONTROL NOTES:

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

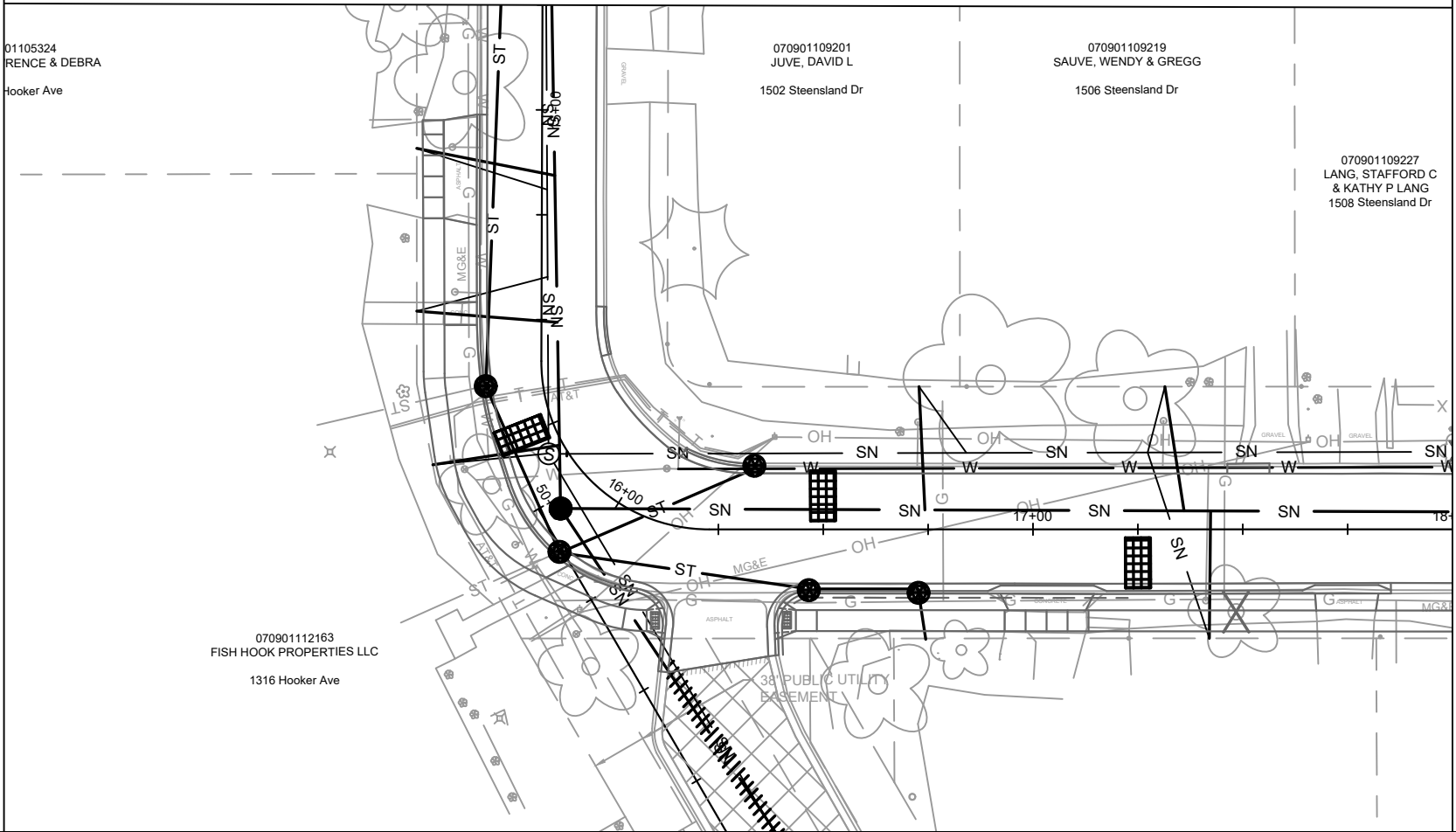
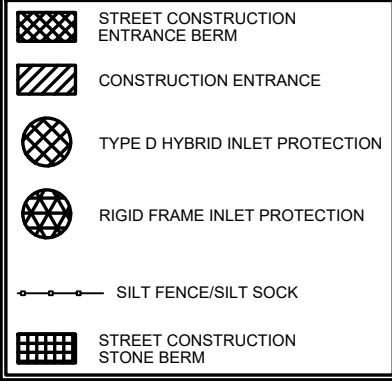
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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

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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.



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13176	5/27/2021 3:56 PM	Scale: #####	EC-2

13176
EROSION CONTROL PLAN
 HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021
 MADISON, WI
 CONTRACT NO: 8565
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13176
 EC-2

EROSION CONTROL NOTES:

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







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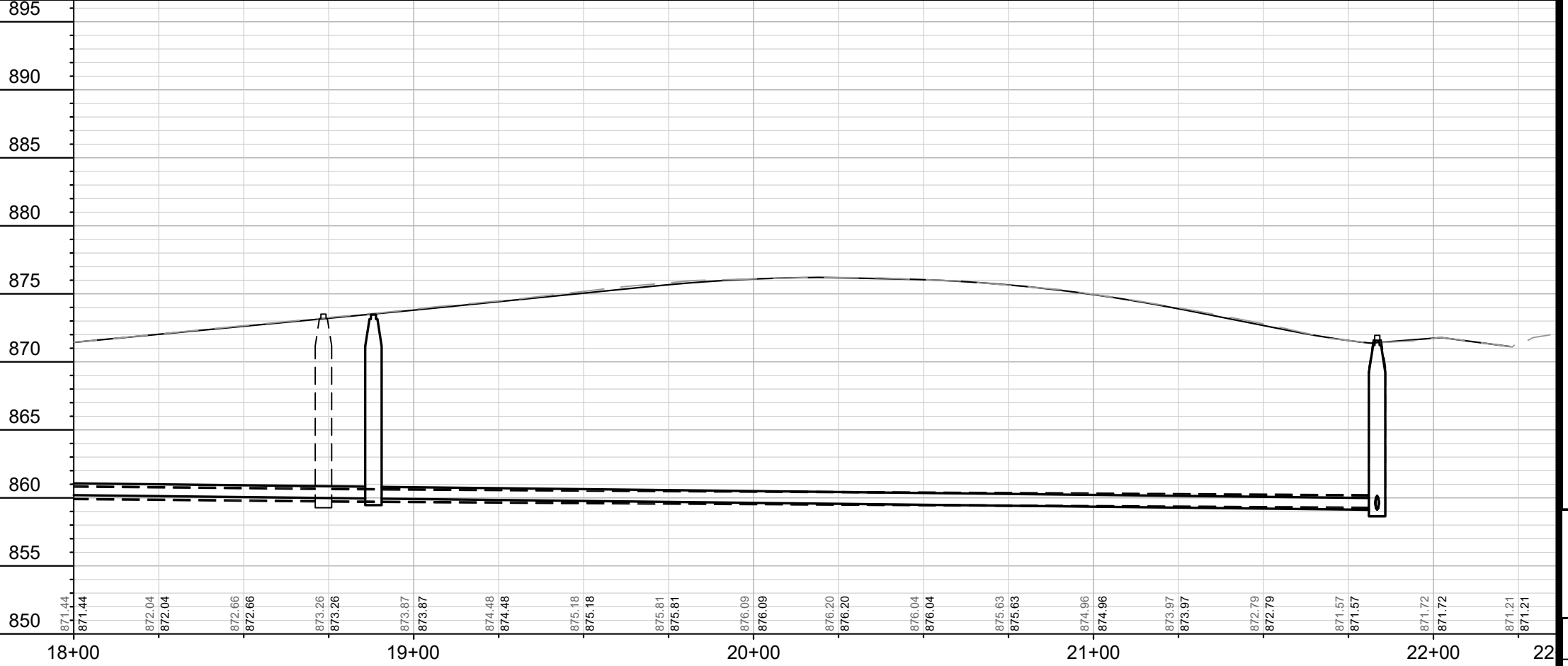
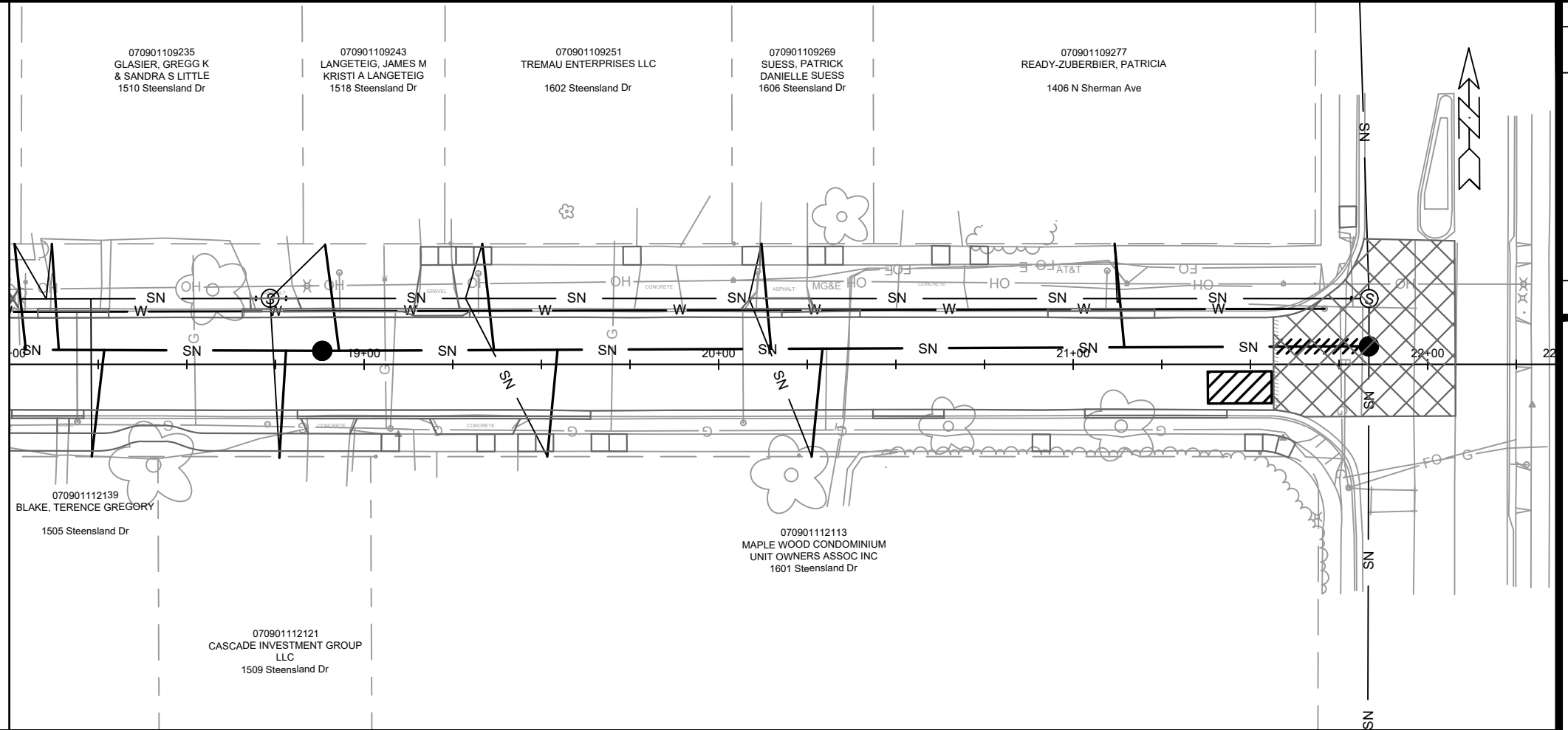
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH TEH WDNRSOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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.

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  SILT FENCE/SILT SOCK
-  STREET CONSTRUCTION STONE BERM



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 CONTRACT NO: 8565

EROSION CONTROL PLAN
 HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021
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 EC-3

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 EC-3

EROSION CONTROL NOTES:

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







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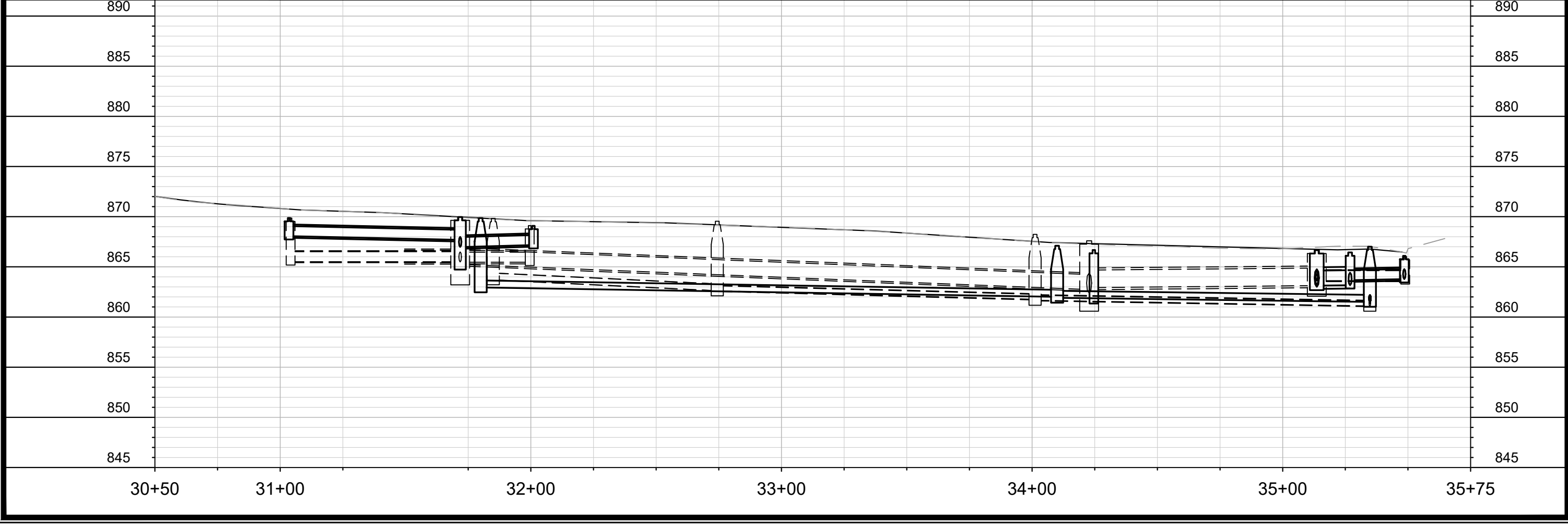
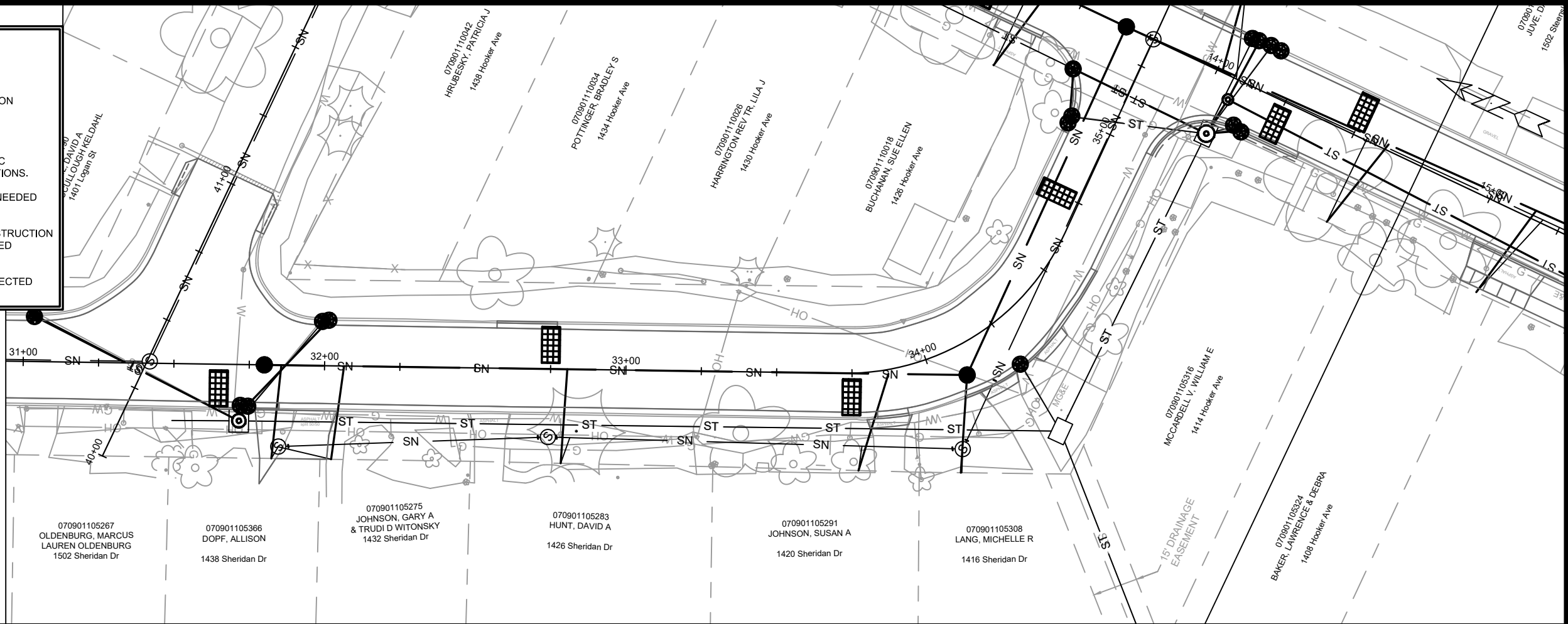
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THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

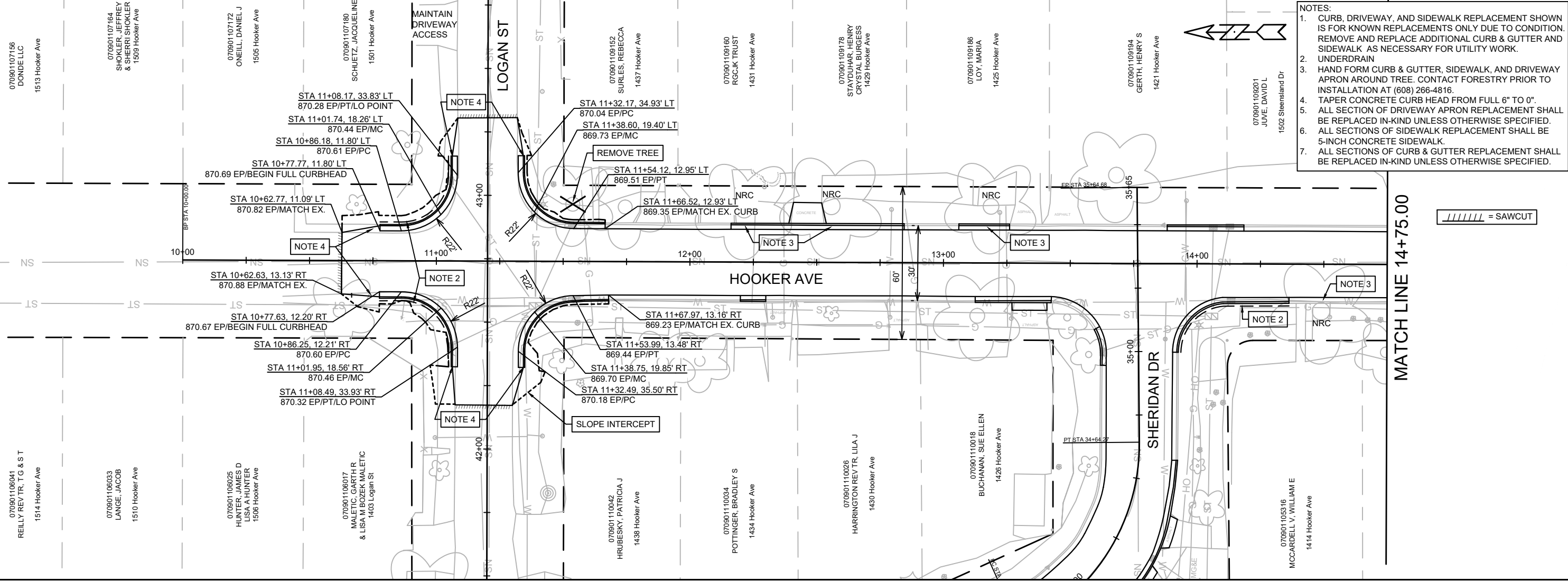
INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

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

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  SILT FENCE/SILT SOCK
-  STREET CONSTRUCTION STONE BERM



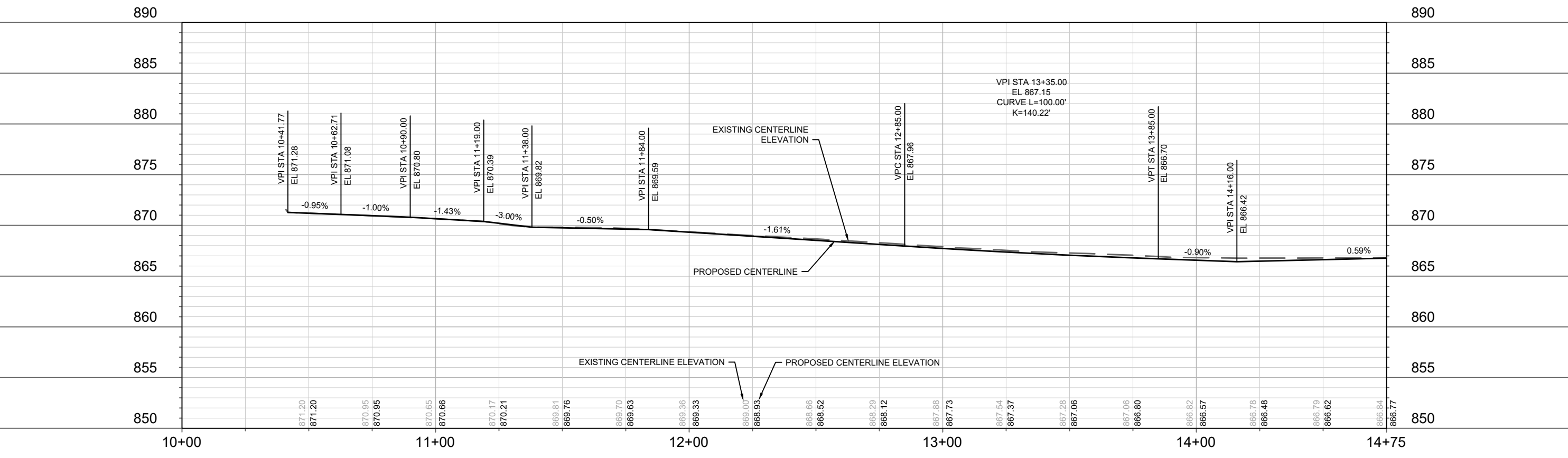
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EROSION CONTROL PLAN			
HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021			
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13176		EC-4	



- NOTES:
1. CURB, DRIVEWAY, AND SIDEWALK REPLACEMENT SHOWN IS FOR KNOWN REPLACEMENTS ONLY DUE TO CONDITION. REMOVE AND REPLACE ADDITIONAL CURB & GUTTER AND SIDEWALK AS NECESSARY FOR UTILITY WORK.
 2. UNDERDRAIN
 3. HAND FORM CURB & GUTTER, SIDEWALK, AND DRIVEWAY APRON AROUND TREE. CONTACT FORESTRY PRIOR TO INSTALLATION AT (608) 266-4816.
 4. TAPER CONCRETE CURB HEAD FROM FULL 6" TO 0".
 5. ALL SECTION OF DRIVEWAY APRON REPLACEMENT SHALL BE REPLACED IN-KIND UNLESS OTHERWISE SPECIFIED.
 6. ALL SECTIONS OF SIDEWALK REPLACEMENT SHALL BE 5-INCH CONCRETE SIDEWALK.
 7. ALL SECTIONS OF CURB & GUTTER REPLACEMENT SHALL BE REPLACED IN-KIND UNLESS OTHERWISE SPECIFIED.

/////// = SAWCUT

MATCH LINE 14+75.00



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MADISON, WI
CONTRACT NO: 8565

HOOKER AVE - PLAN & PROFILE
HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021
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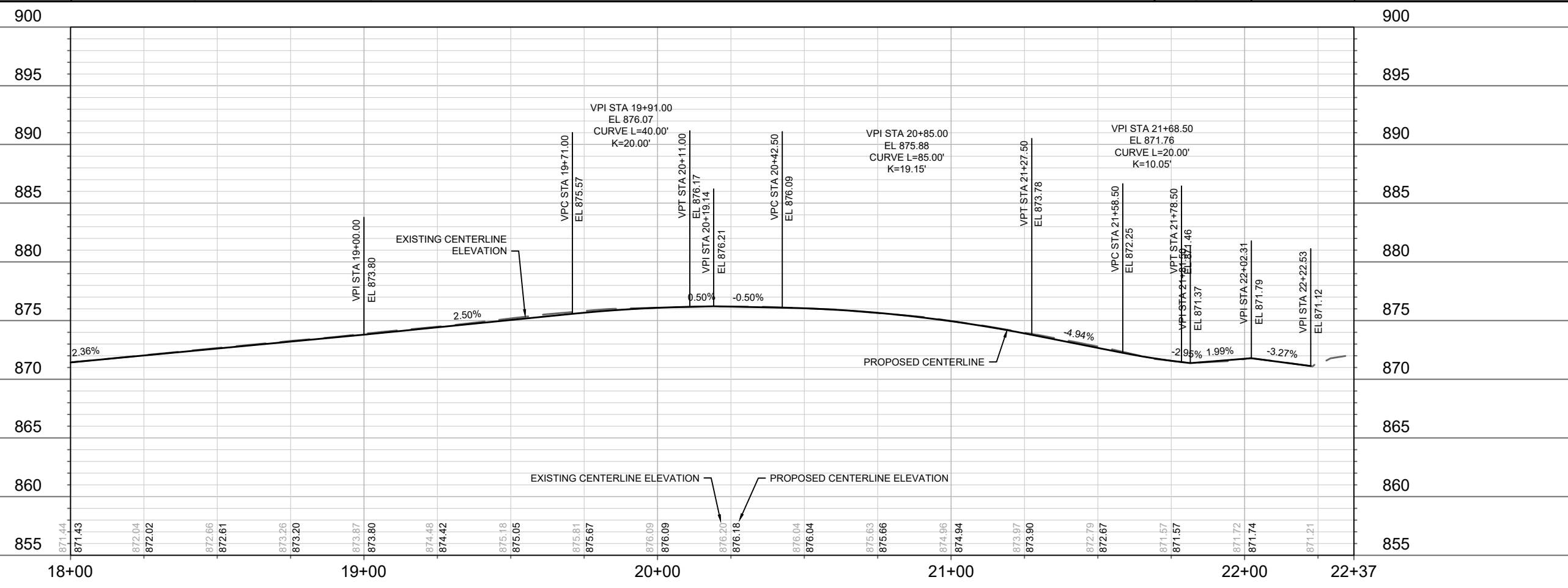
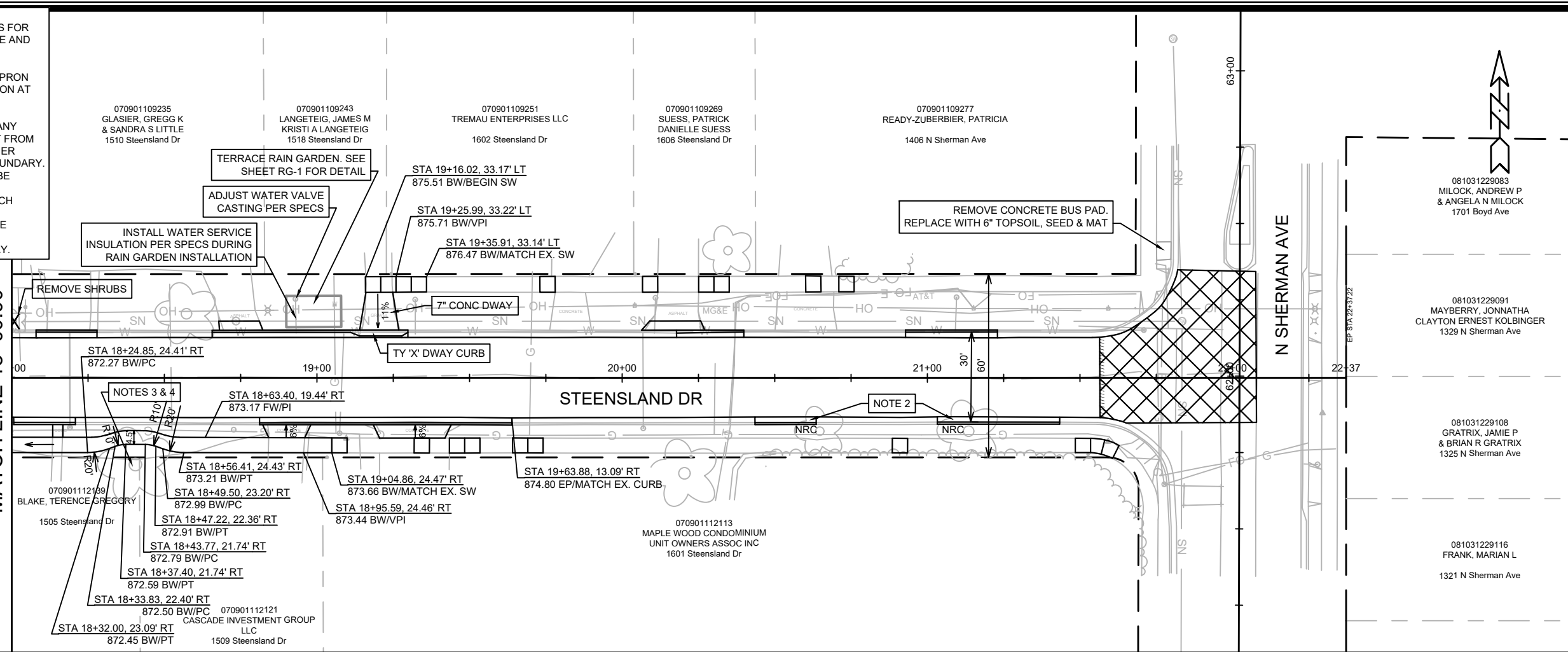


- NOTES:
- CURB, DRIVEWAY, AND SIDEWALK REPLACEMENT SHOWN IS FOR KNOWN REPLACEMENTS ONLY DUE TO CONDITION. REMOVE AND REPLACE ADDITIONAL CURB & GUTTER AND SIDEWALK AS NECESSARY FOR UTILITY WORK.
 - HAND FORM CURB & GUTTER, SIDEWALK, AND DRIVEWAY APRON AROUND TREE. CONTACT FORESTRY PRIOR TO INSTALLATION AT (608) 266-4816.
 - USE SMALL FORM BY TREE.
 - TREE PROTECTION FENCING SHALL BE ERECTED BEFORE ANY CONSTRUCTION BEGINS. FENCING SHALL BE AT LEAST 5-FT FROM THE TRUNK OF THE TREE AND SHALL EXTEND 15-FT IN EITHER DIRECTION FROM THE TREE ALONG THE RIGHT-OF-WAY BOUNDARY. ALL SECTION OF DRIVEWAY APRON REPLACEMENT SHALL BE REPLACED IN-KIND UNLESS OTHERWISE SPECIFIED.
 - ALL SECTIONS OF SIDEWALK REPLACEMENT SHALL BE 5-INCH CONCRETE SIDEWALK.
 - ALL SECTIONS OF CURB & GUTTER REPLACEMENT SHALL BE REPLACED IN-KIND UNLESS OTHERWISE SPECIFIED.
 - SLOPE INTERCEPT FOR NEW SIDEWALK IS AT RIGHT-OF-WAY.

= 2" MILL & OVERLAY (FINAL LIMITS BY CONSTRUCTION ENGINEER)

= SAWCUT

MATCH LINE 18+00.00



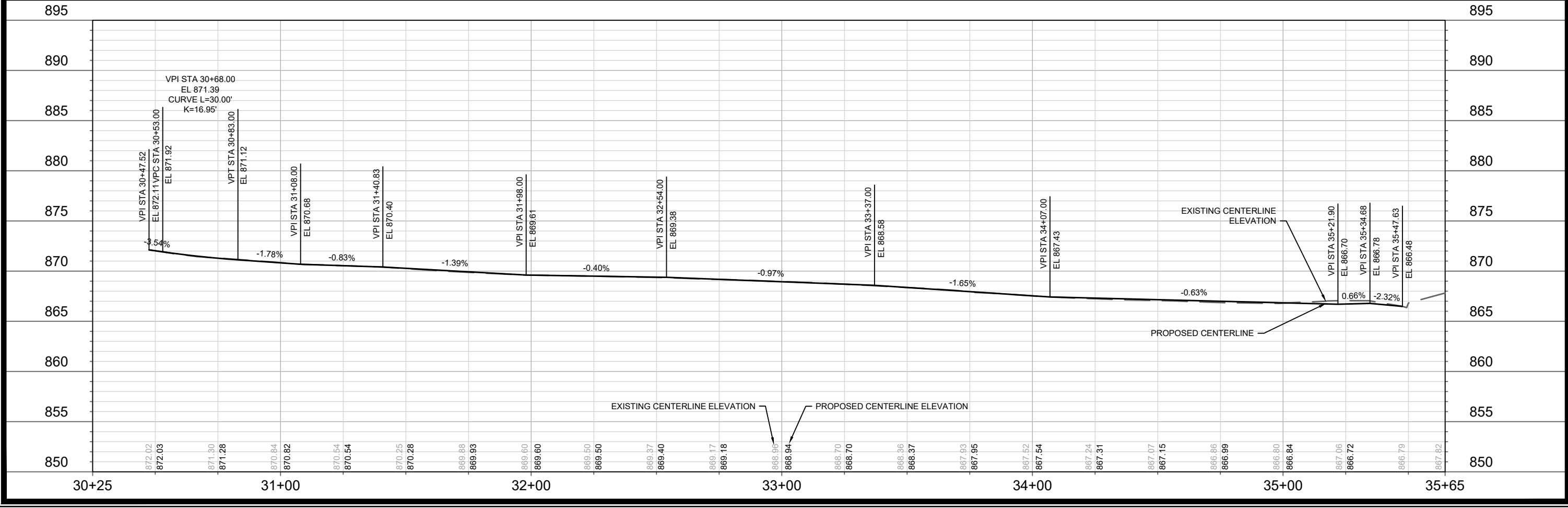
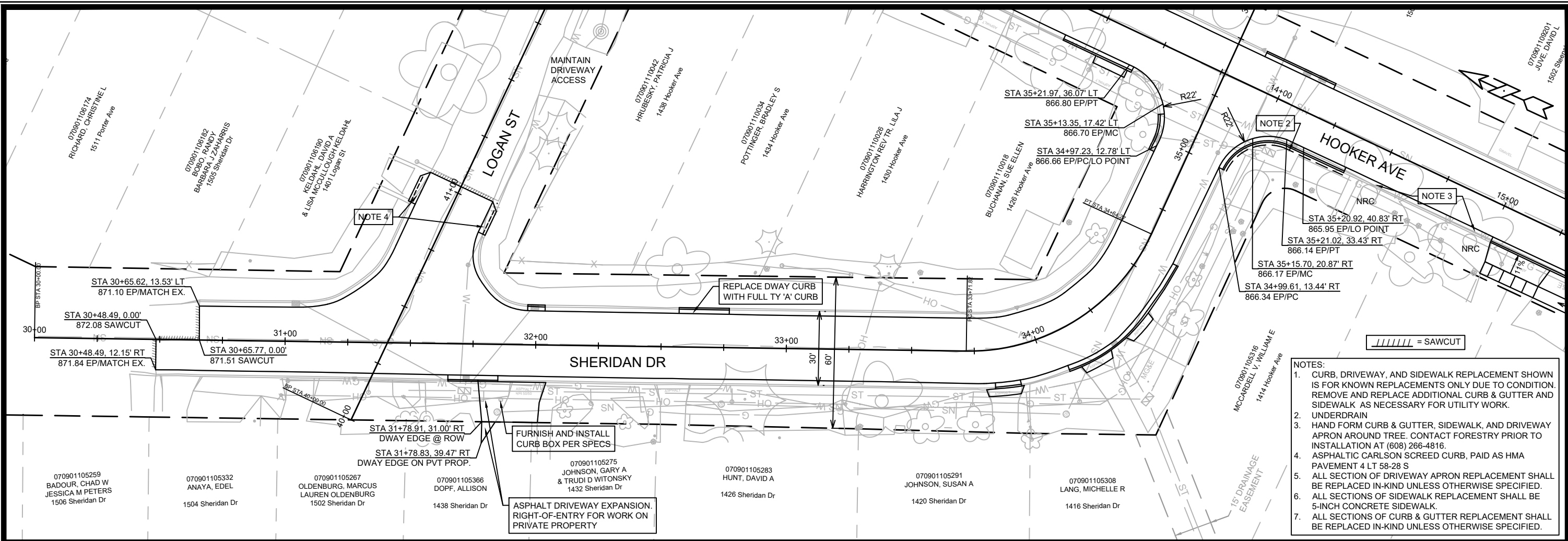
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MADISON, WI
CONTRACT NO: 8565

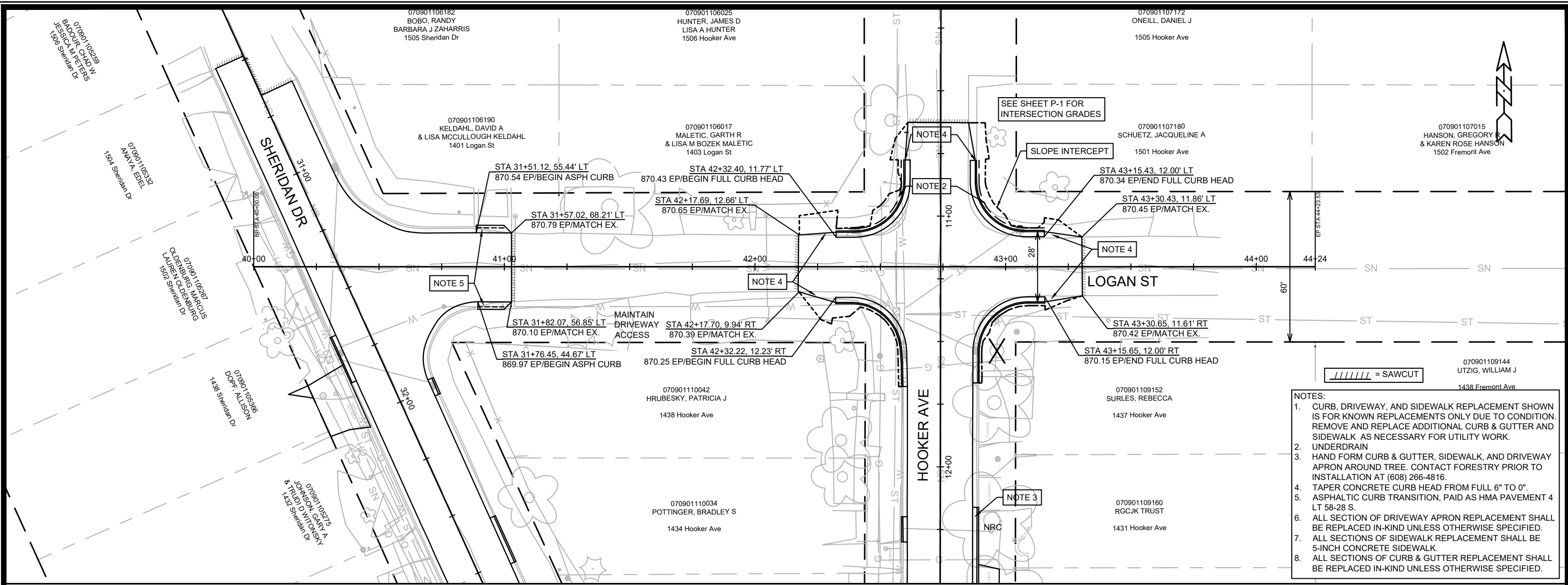
STEENSLAND DRIVE - PLAN & PROFILE
HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021
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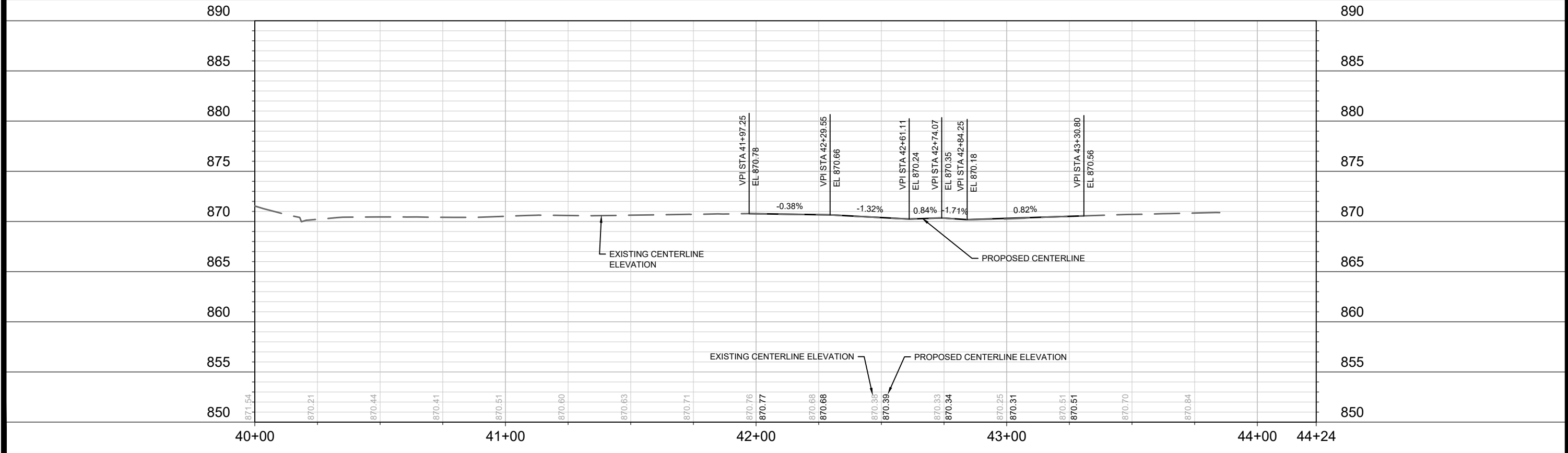
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MADISON, WI	CONTRACT NO:	13176
SHERIDAN DRIVE - PLAN & PROFILE		
HOOVER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021		
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CITY OF MADISON WISCONSIN		
13176		
P-4		



- NOTES:
1. CURB, DRIVEWAY, AND SIDEWALK REPLACEMENT SHOWN IS FOR KNOWN REPLACEMENTS ONLY DUE TO CONDITION. REMOVE AND REPLACE ADDITIONAL CURB & GUTTER AND SIDEWALK AS NECESSARY FOR UTILITY WORK.
 2. UNDERDRAIN
 3. HAND FORM CURB & GUTTER, SIDEWALK, AND DRIVEWAY APRON AROUND TREE. CONTACT FORESTRY PRIOR TO INSTALLATION AT (608) 266-4816.
 4. TAPER CONCRETE CURB HEAD FROM FULL 6" TO 0".
 5. ASPHALTIC CURB TRANSITION, PAID AS HMA PAVEMENT 4 LT 58-28 S.
 6. ALL SECTION OF DRIVEWAY APRON REPLACEMENT SHALL BE REPLACED IN-KIND UNLESS OTHERWISE SPECIFIED.
 7. ALL SECTIONS OF SIDEWALK REPLACEMENT SHALL BE 5-INCH CONCRETE SIDEWALK.
 8. ALL SECTIONS OF CURB & GUTTER REPLACEMENT SHALL BE REPLACED IN-KIND UNLESS OTHERWISE SPECIFIED.

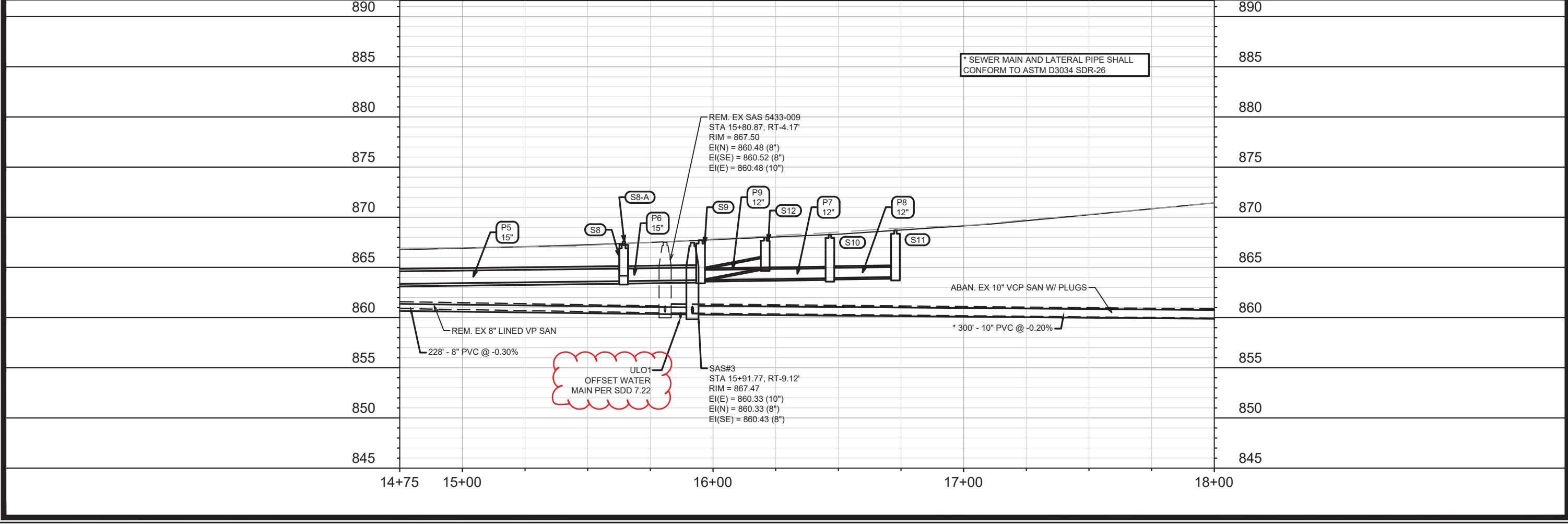
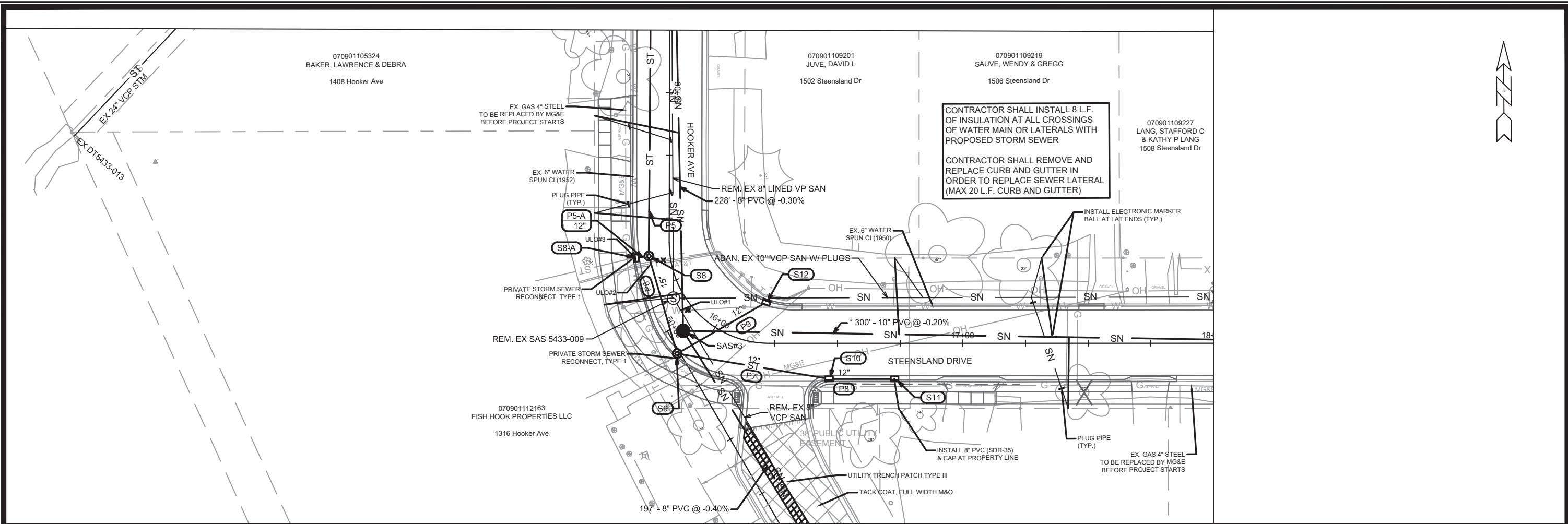


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PROJECT NO: 13176	SCALE: #####
CONTRACT NO: 8565	P-5

13176
MADISON, WI
LOGAN STREET - PLAN & PROFILE
HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021
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CITY OF MADISON WISCONSIN

13176
P-5



CONTRACTOR SHALL INSTALL 8 L.F. OF INSULATION AT ALL CROSSINGS OF WATER MAIN OR LATERALS WITH PROPOSED STORM SEWER

CONTRACTOR SHALL REMOVE AND REPLACE CURB AND GUTTER IN ORDER TO REPLACE SEWER LATERAL (MAX 20 L.F. CURB AND GUTTER)

* SEWER MAIN AND LATERAL PIPE SHALL CONFORM TO ASTM D3034 SDR-26

ULO1
OFFSET WATER MAIN PER SDD 7.22

13176	13176	13176	U-2
ADDED WATER RELOCATION NOTES	7/16/21	MAA	BY
REVISION	DATE	SCALE	###/###/###
DESIGNED BY: MAA	DATE: 7/16/2021 8:25 AM	13176	U-2

UTILITY PLAN AND PROFILE - HOOKER AVE-SHERIDAN DR

13176

HOOVER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021

MADISON, WI

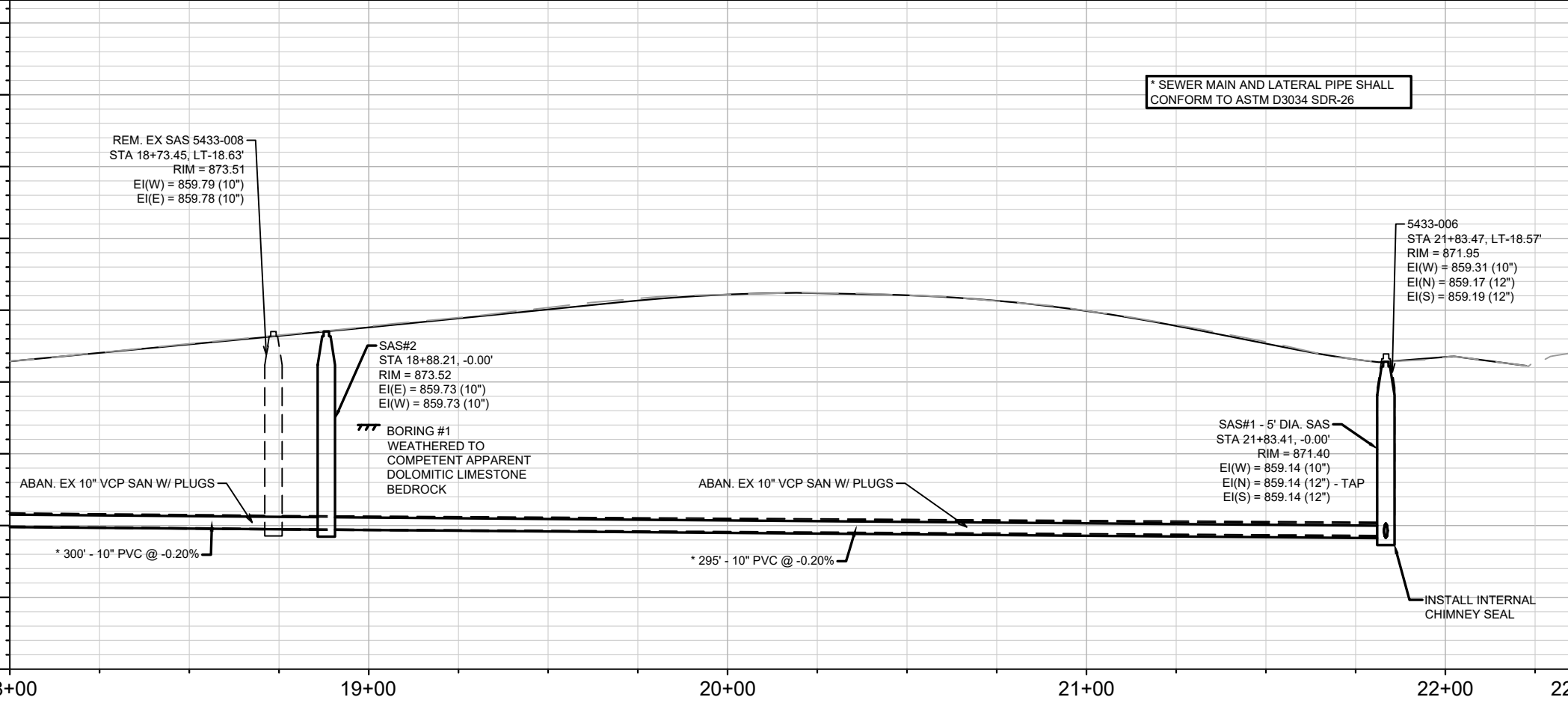
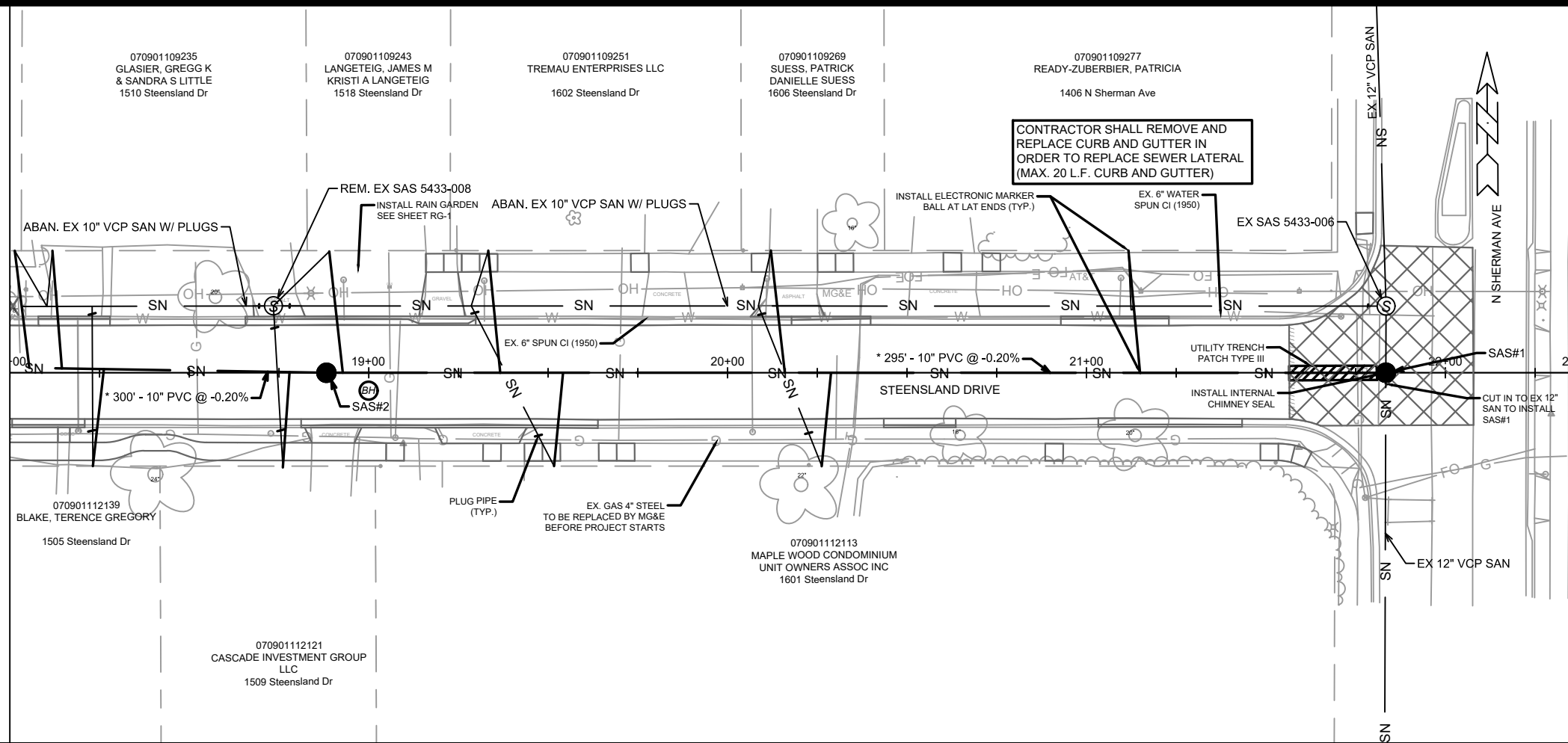
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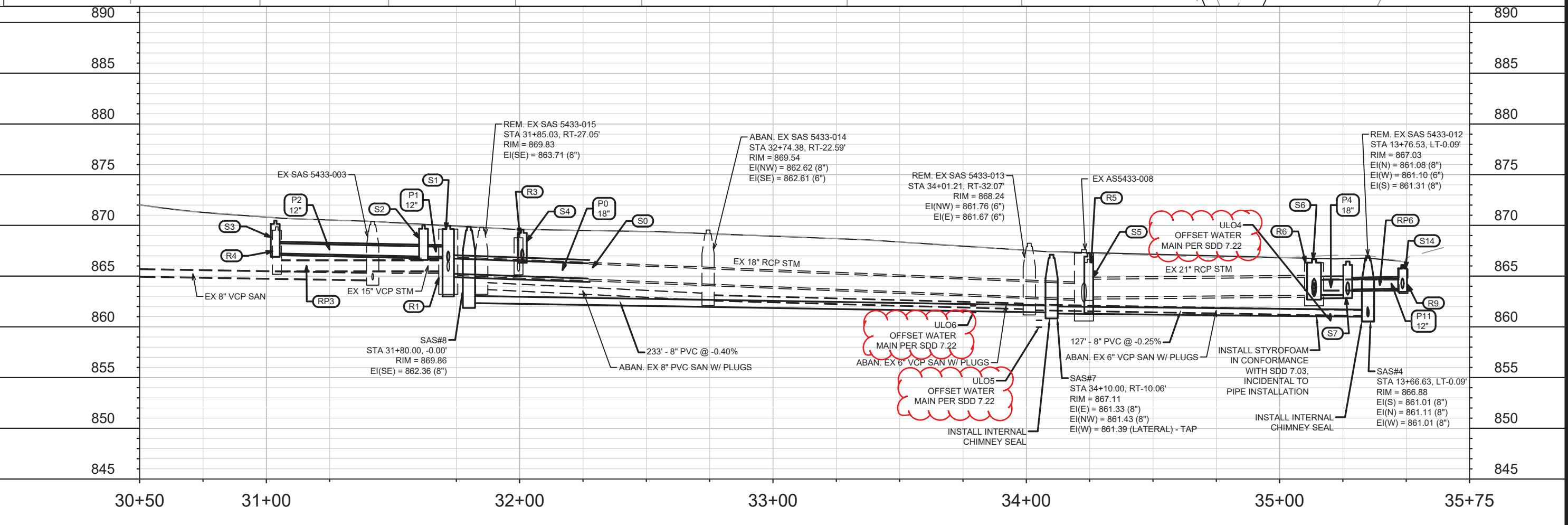
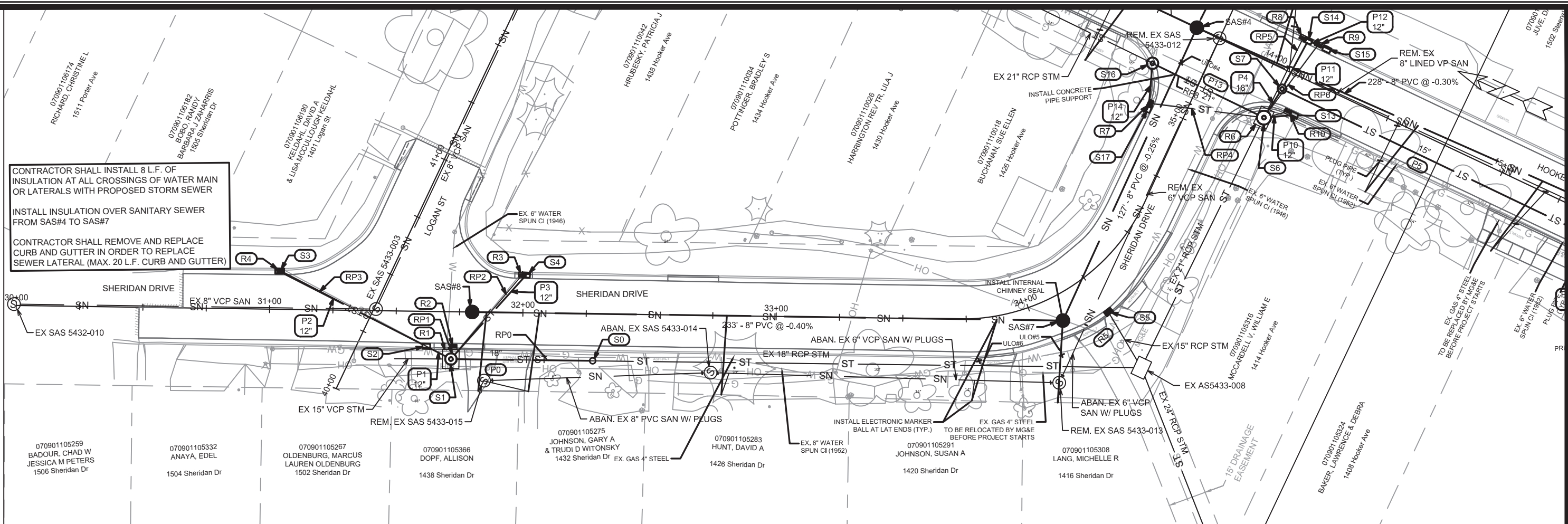
13176
 MADISON, WI
 HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021
 CONTRACT NO: 8565

13176
 U-3

CONTRACTOR SHALL INSTALL 8 L.F. OF INSULATION AT ALL CROSSINGS OF WATER MAIN OR LATERALS WITH PROPOSED STORM SEWER

INSTALL INSULATION OVER SANITARY SEWER FROM SAS#4 TO SAS#7

CONTRACTOR SHALL REMOVE AND REPLACE CURB AND GUTTER IN ORDER TO REPLACE SEWER LATERAL (MAX. 20 L.F. CURB AND GUTTER)

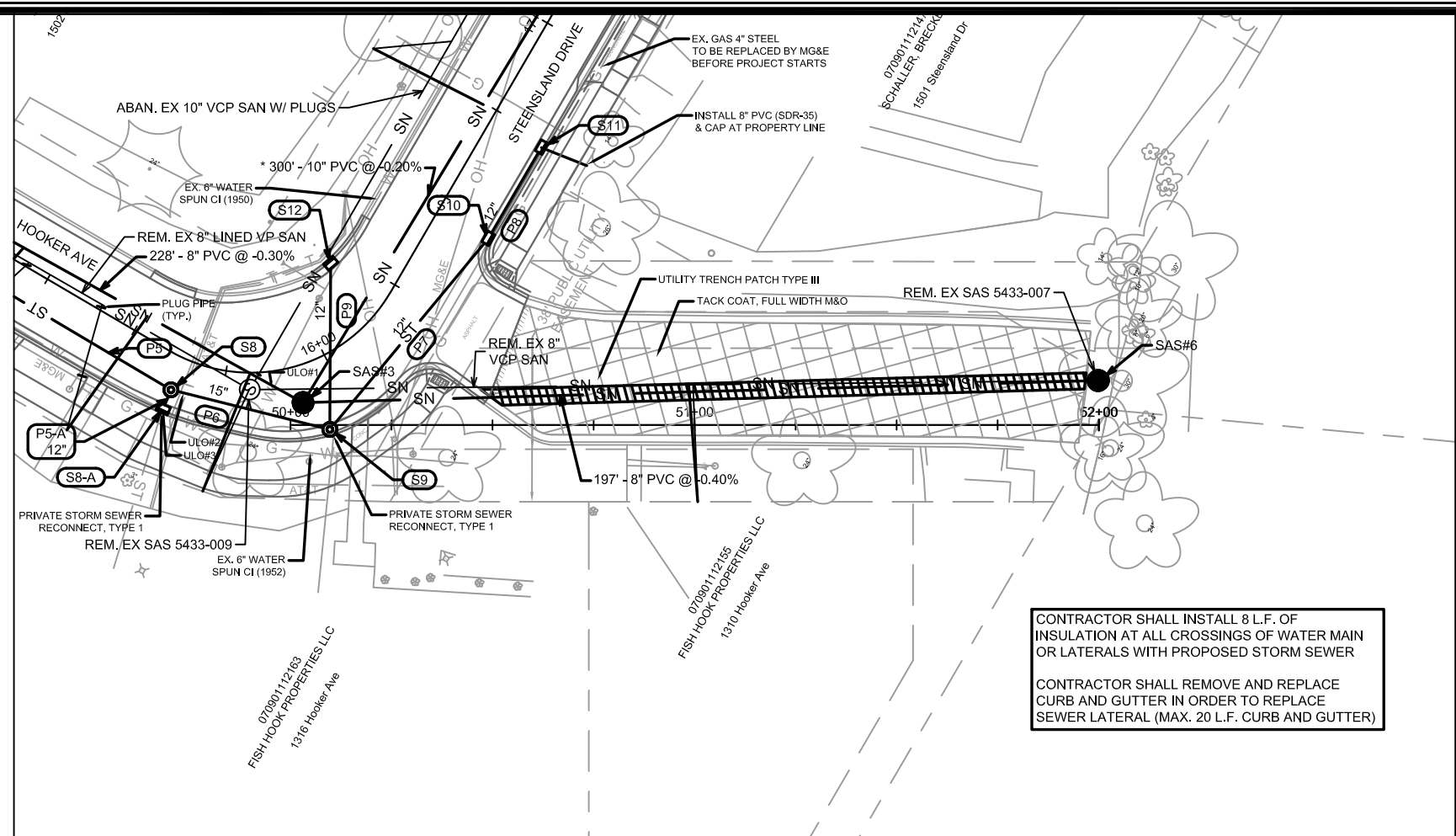


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 MADISON, WI
 CONTRACT NO: 8565

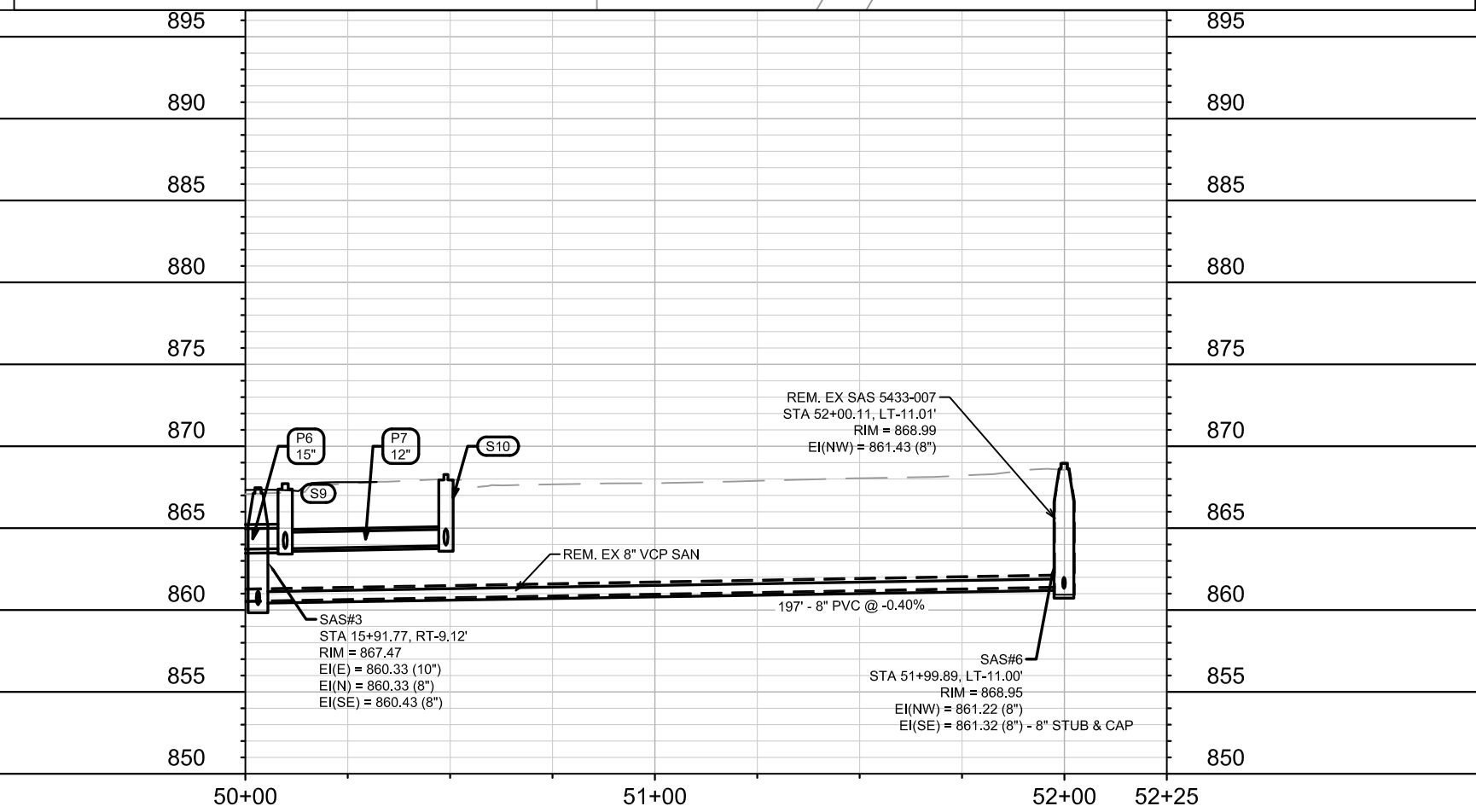
UTILITY PLAN AND PROFILE - SHERIDAN DR
 HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021
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 13176
 U-4





CONTRACTOR SHALL INSTALL 8 L.F. OF INSULATION AT ALL CROSSINGS OF WATER MAIN OR LATERALS WITH PROPOSED STORM SEWER

CONTRACTOR SHALL REMOVE AND REPLACE CURB AND GUTTER IN ORDER TO REPLACE SEWER LATERAL (MAX. 20 L.F. CURB AND GUTTER)



MARK	REVISION	DATE	BY
13176		5/28/2021 11:15 AM	U-5

13176

MADISON, WI

CONTRACT NO: 8565

UTILITY PLAN AND PROFILE - UTILITY EASEMENT

HOOKER AVE, SHERIDAN DR, STEENSLAND DR RESURFACING - 2021

M:\DESIGN\Projects\13176\CAD\Sewers\13176SWR-PipeNetwork.dwg



13176

U-5

SANITARY SEWER SCHEDULE

HOOKER AVE./SHERIDAN DR./STEENSLAND DR.	SHEET NO.
PROJECT NO. 13176	U-6
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
STEENSLAND DR						
SAS#1	21+83.41	CL	871.40	859.14	12.26	[1]; [2]; 5' DIA. SAS
SAS#2	18+88.21	CL	873.52	859.73	13.79	-
SAS#3	15+91.77	RT-9.12'	867.47	860.33	7.14	-
UTILITY EASEMENT						
SAS#6	51+99.89	LT-11.00'	868.95	861.22	7.73	-
HOOKER AVE						
SAS#4	13+66.63	LT-0.09'	866.88	861.01	5.87	[2]
SAS#5	11+21.09	LT-0.08'	870.33	862.34	7.99	[1]; [3]
SHERIDAN DR						
SAS#7	34+10.00	RT-10.06'	867.11	861.33	5.78	[2]
SAS#8	31+80.00	CL	869.86	862.36	7.50	-

SANITARY STRUCTURE REMOVALS & ABANDONMENTS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
STEENSLAND DR						
EX SAS5433-006	21+83.47	LT-18.57'	871.95	859.17	12.78	-
EX SAS5433-008	18+73.45	LT-18.63'	873.51	859.78	13.73	-
EX SAS5433-009	15+80.87	RT-4.17'	867.50	860.48	7.02	-
UTILITY EASEMENT						
EX SAS5433-007	16+92.96	RT-163.59'	868.69	861.43	7.26	-
HOOKER AVE						
EX SAS5433-012	13+76.53	LT-0.09'	867.03	861.08	5.95	-
EX SAS5433-011	13+32.54	LT-0.07'	867.43	861.30	6.13	-
EX SAS5433-002	11+21.09	LT-0.08'	870.31	863.82	6.49	-
SHERIDAN DR						
EX SAS5433-013	34+01.21	RT-32.07'	868.24	861.67	6.57	-
EX SAS5433-014	32+74.38	RT-22.59'	869.54	862.61	6.93	ABANDON
EX SAS5433-015	31+85.03	RT-27.05'	869.83	863.71	6.12	-

SANITARY STRUCTURE ADJUSTMENTS

SAS NO.	STATION	LOCATION (OFFSET)	EX. TOC ELEV.	PROP. ELEV.	ADJUST DIFF.	NOTES
SHERIDAN DR						
EX SAS5433-003	31+41.98	LT-0.59	870.40	870.38	-0.02	-

SPECIFIC NOTES:

- [1] EXISTING MAIN CONNECTIONS SHALL BE FIELD CORED AND COMPENSATED UNDER BID ITEM 50791 SANITARY SEWER TAP
- [2] INSTALL INTERNAL CHIMNEY SEAL
- [3] IF PIPE REPAIR NEEDS TO BE MADE AT THIS CONNECTION, INSTALL COMPRESSION COUPLER PER SDD 5.3.3; CONFORMING TO ASTM C-1173

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
STEENSLAND DR								
SAS#1	SAS#2	859.14	859.73	295	0.20%	10"	SDR-26	-
SAS#2	SAS#3	859.73	860.33	300	0.20%	10"	SDR-26	-
UTILITY EASEMENT								
SAS#3	SAS#6	860.43	861.22	197	0.40%	8"	SDR-35	-
HOOKER AVE								
SAS#3	SAS#4	860.33	861.01	228	0.30%	8"	SDR-35	-
SAS#4	SAS#5	861.11	862.34	246	0.50%	8"	SDR-35	-
SHERIDAN DR								
SAS#4	SAS#7	861.01	861.33	127	0.25%	8"	SDR-35	INSTALL INSULATION OVER PIPE, INCIDENTAL TO PIPE
SAS#7	SAS#8	861.43	862.36	233	0.40%	8"	SDR-35	-

SANITARY PIPE REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	PLAN LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	PAY LGTH	NOTES
STEENSLAND DR							
EX SAS5433-006	EX SAS5433-008	310	10"	VCP	Y	-	ABANDON W/ PLUGS (BID ITEM 20336)
EX SAS5433-008	EX SAS5433-009	289	10"	VCP	Y	-	ABANDON W/ PLUGS (BID ITEM 20336)
UTILITY EASEMENT							
EX SAS5433-009	EX SAS5433-007	210	8"	VCP	N	-	-
HOOKER AVE							
EX SAS5433-009	EX SAS5433-012	205	8"	CIP LINED	N	-	-
EX SAS5433-012	EX SAS5433-011	44	8"	CIP LINED	N	-	-
EX SAS5433-011	EX SAS5433-002	211	8"	CIP LINED	N	-	-
SHERIDAN DR							
EX SAS5433-012	PLUG	125	6"	VCP	Y	125	-
PLUG	EX SAS5433-013	25	6"	VCP	N	-	ABANDON W/ PLUGS
EX SAS5433-013	EX SAS5433-014	138	8"	VCP	N	-	ABANDON W/ PLUGS
EX SAS5433-014	EX SAS5433-015	89	8"	PVC	N	-	ABANDON W/ PLUGS

STORM SEWER SCHEDULE

HOOKER AVE./SHERIDAN DR./STEENSLAND DR.	SHEET NO.
PROJECT NO. 13176	U-7
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
SHERIDAN DR							
S0	32+27.81	RT-18.58	COLLAR	-	864.75	-	-
S1	31+71.81	RT-18.68	4X4 AS	869.97	865.25	4.72	w/ R-1550-0054
S2	31+62.08	RT-13.96	H INLET	870.02	866.93	3.09	FP; w/ R-3067-7004-V
S3	31+03.53	LT-15.02	H INLET	870.48	867.24	3.24	w/ R-3067-7004-V
S4	32+01.05	LT-14.92	H INLET	869.65	866.65	3.00	FP; w/ R-3067-7004-V
S5	34+24.65	LT-17.00	H INLET	867.16	862.94	4.22	LP; w/ R-3067-7004-VB
HOOKER AVE							
S6	14+05.76	RT-20.70	5X5 AS	866.66	863.01	3.65	FP; w/ R-1550-0054
S7	14+07.41	RT-7.39	4X4 AS	866.31	863.16	3.15	FP; w/ R-1550-0054
S8	15+64.30	RT-8.42	3X3 AS	867.21	863.63	3.58	FP; w/ R-1550-0054
S8-A	15+64.42	RT-13.49	H INLET	867.51	864.51	3.00	[1]; [2]; w/ R-3067-7004-V
S9	15+95.00	RT-17.47	3X3 AS	867.73	863.74	3.99	[2] FP; w/ R-3067-7004-V
S13	14+16.08	RT-14.74	H INLET	866.37	863.37	3.00	[1]; FP; LP; w/ R-3067-7004-VB
S14	14+08.57	LT-14.48	H INLET	866.54	863.54	3.00	w/ R-3067-7004-V
S15	14+16.59	LT-14.43	H INLET	866.61	863.56	3.05	w/ R-3067-7004-V
S16	13+56.83	RT-20.12	4X4 AS	867.10	863.38	3.72	FP; w/ R-3067-7004-V
S17	13+62.87	RT-36.87	H INLET	867.04	864.04	3.00	FP; LP; w/ R-3067-7004-VB
S18	11+44.21	RT-17.61	4X4 AS	869.99	865.26	4.73	w/ R-3067-7004-V
S19	11+39.68	LT-20.64	3X3 AS	870.11	865.69	4.43	w/ R-3067-7004-V
S20	11+33.59	LT-33.83	3X3 AS	870.38	865.99	4.39	w/ R-3067-7004-V
S21	11+06.69	LT-33.81	H INLET	870.66	866.36	4.30	LP; w/ R-3067-7004-VB
S22	10+85.30	LT-13.32	H INLET	871.00	866.50	4.50	w/ R-3067-7004-V
S23	10+85.19	RT-13.72	H INLET	871.00	866.62	4.38	w/ R-3067-7004-V
S24	11+34.14	RT-34.10	H INLET	870.52	867.43	3.10	[1]; w/ R-3067-7004-V
S25	11+06.99	RT-34.18	H INLET	870.69	867.55	3.14	FP; LP; w/ R-3067-7004-VB
S26	11+36.13	RT-17.55	COLLAR	-	865.49	-	-
STEENSLAND DR							
S10	16+46.62	RT-14.43	H INLET	868.20	863.92	4.28	LP; w/ R-3067-7004-VB
S11	16+72.77	RT-14.53	H INLET	868.70	863.99	4.71	w/ R-3067-7004-V
S12	16+20.82	LT-16.38	H INLET	867.99	864.99	3.00	[1]; FP; w/ R-3067-7004-V

PROPOSED STORM PIPES

PIPE NO.	FROM (DISCH.)	TO (INLET)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	PIPE TYPE	NOTES
SHERIDAN DR										
P0	S0	S1	864.75	865.25	56.0	54.0	0.93%	18"	TYPE I	-
P1	S1	S2	866.89	866.93	10.9	7.2	0.50%	12"	TYPE I	[1]
P2	S2	S3	866.93	867.24	65.2	61.9	0.50%	12"	TYPE I	-
P3	S1	S4	866.44	866.65	44.5	41.2	0.50%	12"	TYPE I	[1]
HOOKER AVE										
P4	S6	S7	863.13	863.16	13.4	9.4	0.30%	18"	TYPE I	[1]
P5	S7	S8	863.16	863.63	157.8	154.8	0.30%	15"	TYPE I	-
P5-A	S8	S8-A	864.49	864.51	5.1	3.6	0.50%	12"	TYPE I	[1]
P6	S8	S9	863.63	863.74	40.5	37.5	0.30%	15"	TYPE I	-
P10	S6	S13	863.33	863.37	12.0	7.7	0.50%	12"	TYPE I	-
P11	S7	S14	863.44	863.54	21.7	19.2	0.50%	12"	TYPE I	-
P12	S14	S15	863.54	863.56	8.0	5.0	0.50%	12"	TYPE I	-
P13	S6	S16	863.01	863.38	48.9	44.5	0.83%	21"	TYPE I	[1]; [3]
P14	S16	S17	863.97	864.04	17.9	14.3	0.50%	12"	TYPE I	-
P15	S18	S19	865.51	865.69	38.5	35.0	0.50%	18"	TYPE I	[1]
P16	S19	S20	865.94	865.99	14.5	11.5	0.50%	15"	TYPE I	-
P17	S20	S21	866.24	866.36	26.9	24.4	0.50%	12"	TYPE I	-
P18	S21	S22	866.36	866.50	29.6	26.6	0.50%	12"	TYPE I	-
P19	S22	S23	866.50	866.62	27.0	25.0	0.50%	12"	TYPE I	-
P20	S18	S24	867.34	867.43	21.5	17.8	0.50%	12"	TYPE I	-
P21	S24	S25	867.43	867.55	27.0	25.0	0.50%	12"	TYPE I	-
P22	S18	S26	865.40	865.49	8.0	6.0	1.53%	18"	TYPE I	-
STEENSLAND DR										
P7	S9	S10	863.74	863.92	61.5	58.4	0.30%	12"	TYPE I	-
P8	S10	S11	863.92	863.99	26.1	23.2	0.30%	12"	TYPE I	-
P9	S9	S12	863.74	864.99	41.1	38.3	3.25%	12"	TYPE I	-

823.6	
446.0	12-INCH
212.8	15-INCH
115.9	18-INCH
48.9	21-INCH
823.6	

SPECIFIC NOTES:

- [1] CROSSES EXISTING WATER MAIN; PLACE INSULATION BELOW STORM
- [2] PRIVATE STORM SEWER RECONNECT TYPE 1 TO BE INSTALLED
- [3] INSTALL CONCRETE PIPE SUPPORT BELOW THIS PIPE AND ABOVE PROPOSED 8" SANITARY MAIN

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
- 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 THE NEW STANDARD DETAIL DRAWING FOR 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 MATT ALLIE OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO MALLIE@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

HOOKER AVE./SHERIDAN DR./STEENSLAND DR.	SHEET NO.
PROJECT NO. 13176	U-8
STORM SEWER SCHEDULE	
CITY OF MADISON	

REMOVE STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
SHERIDAN DR				
R1	31+71.81	RT-18.68	RECT. AS 7X6	-
R2	31+72.66	RT-13.90	H INLET	-
R3	31+99.55	LT-15.00	H INLET	-
R4	31+04.14	LT-15.25	H INLET	-
R5	34+24.59	RT-16.75	H INLET	-
HOOKER AVE				
R6	14+05.76	RT-20.70	RECT. AS 7X5	-
R7	13+62.82	RT-34.88	H INLET	-
R8	14+06.33	LT-14.47	H INLET	-
R9	14+12.91	LT-14.69	H INLET	-
R10	14+13.36	RT-14.54	H INLET	-
R11	11+55.30	RT-14.94	H INLET	-
R12	11+39.18	RT-17.55	RECT. AS 7X5	-
R13	11+53.67	LT-14.58	H INLET	-
R14	11+05.49	LT-31.61	H INLET	-
R15	11+05.97	RT-33.78	H INLET	-

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
SHERIDAN DR								
RP0	S0	R1	54.0	N	0.0	18"	RCP	RUN INCLUDES TWO 6' SECTIONS OF PLASTIC PIPE
RP1	R1	R2	4.9	N	0.0	12"	RCP	-
RP2	R1	R3	43.6	N	0.0	12"	RCP	-
RP3	R1	R4	75.7	N	0.0	12"	RCP	-
HOOKER AVE								
RP4	R6	R7	45.2	Y	45.2	12"	RCP	-
RP5	R6	R8	35.2	N	0.0	12"	RCP	-
RP6	R6	R9	36.1	Y	20.9	12"	RCP	-
RP7	R6	R10	9.8	N	0.0	12"	RCP	-
RP8	R6	S16	48.9	N	0.0	21"	RCP	-
RP9	R12	R11	16.3	Y	8.9	12"	RCP	-
RP10	R12	R13	35.3	Y	19.7	12"	RCP	-
RP11	R12	S19	38.2	N	0.0	15"	RCP	-
RP12	R12	R14	59.6	Y	59.6	12"	RCP	-
RP13	R12	R15	37.0	Y	37.0	12"	RCP	-

UTILITY LINE OPENINGS (ULOs)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
HOOKER AVE					
ULO1	15+87.4	RT-2.49	WATER	-	FOR SANITARY MAIN
ULO2	15+66.9	RT-7.96	TEL (AT&T)	-	FOR S8
ULO3	15+63.3	RT-13.82	WATER	-	FOR S8
ULO4	35+20.5	LT-9.98	WATER	-	FOR SANITARY MAIN
ULO5	34+05.0	RT-21.14	WATER	-	FOR SAN LAT TO SAS#7
ULO6	33+80.5	RT-16.75	WATER	-	FOR SAN LAT NEAR SAS#7
ULO7	11+44.7	RT-14.58	WATER	-	FOR S18

SPECIFIC NOTES:

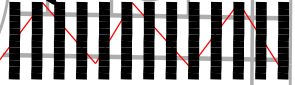
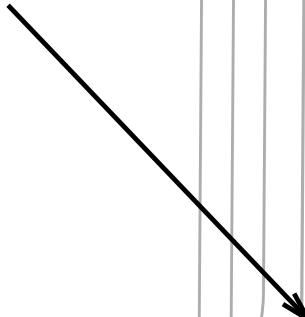
- [1] CROSSES EXISTING WATER MAIN; PLACE INSULATION
- [2] PRIVATE STORM SEWER RECONNECT TYPE 1 TO BE INSTALLED

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
- 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.

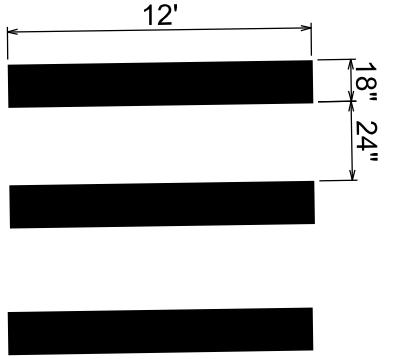
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW STANDARD DETAIL DRAWING FOR 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT MATT ALLIE OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO MALLIE@CITYOFMADISON.COM.

Please remove existing crosswalk
and install continental crosswalk



STEENSLAND DR

SHERMAN AVE



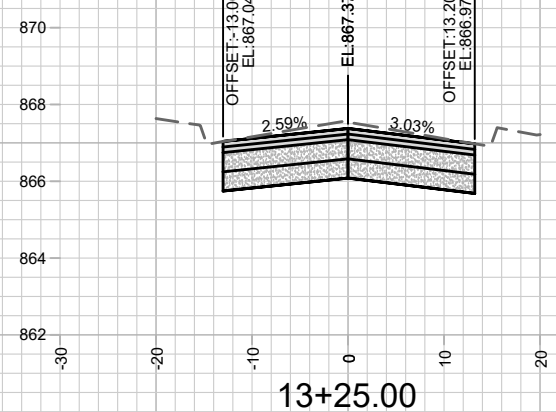
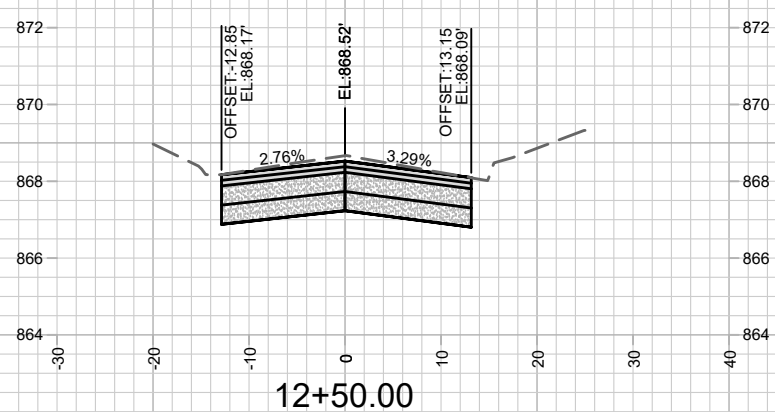
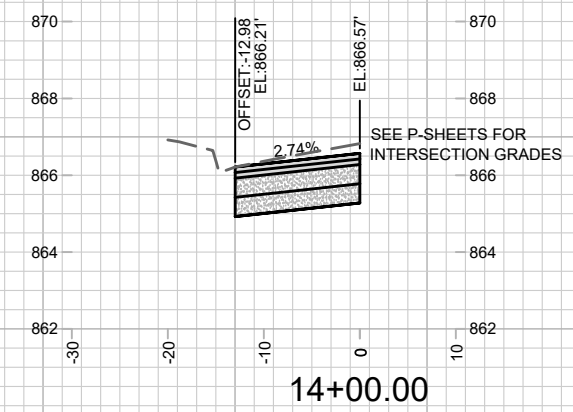
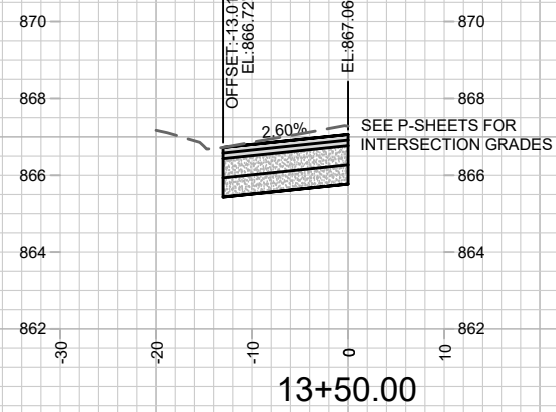
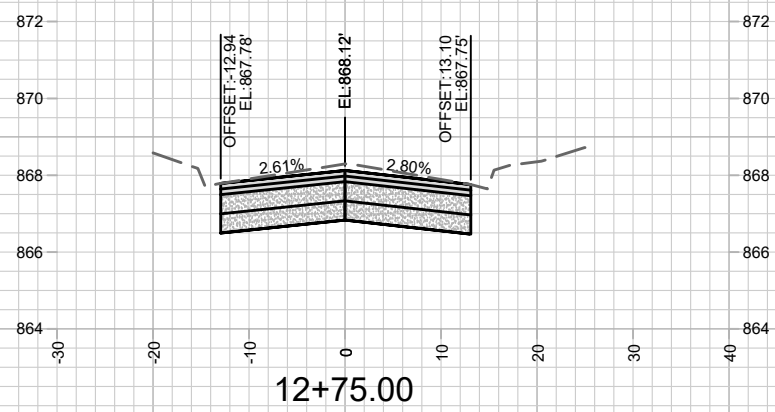
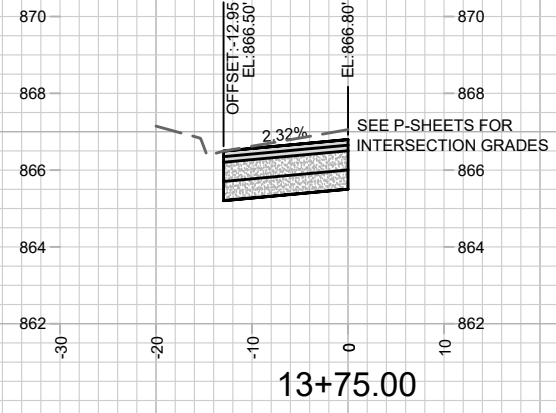
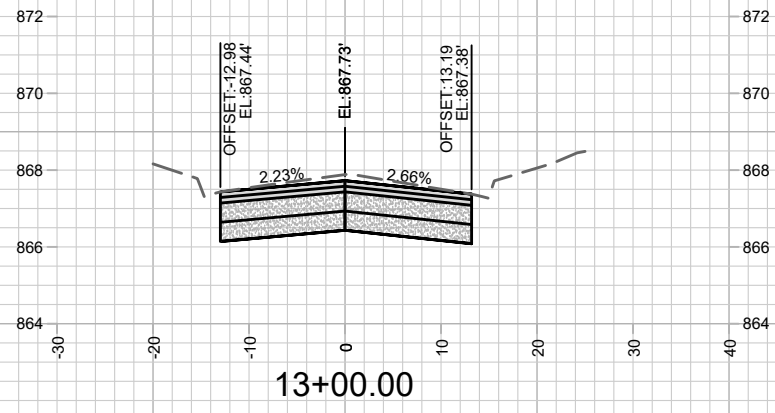
18" Continental Crosswalk

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

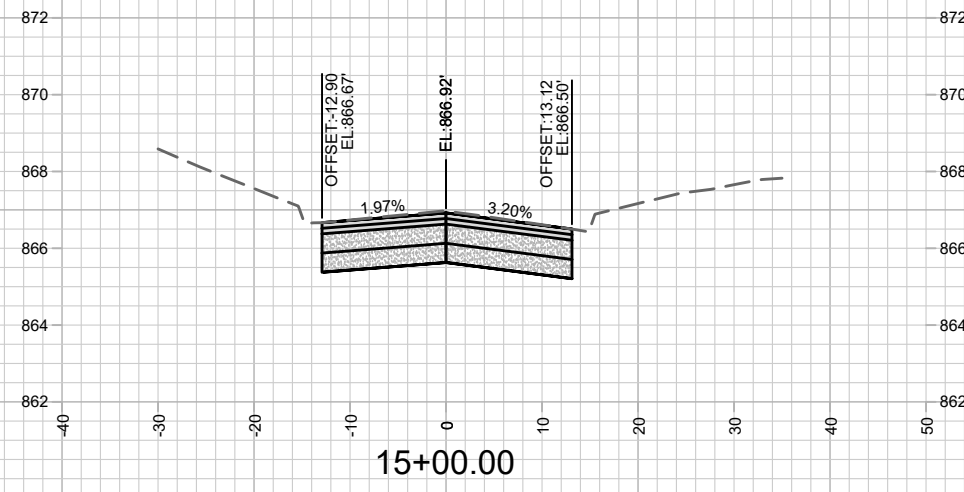
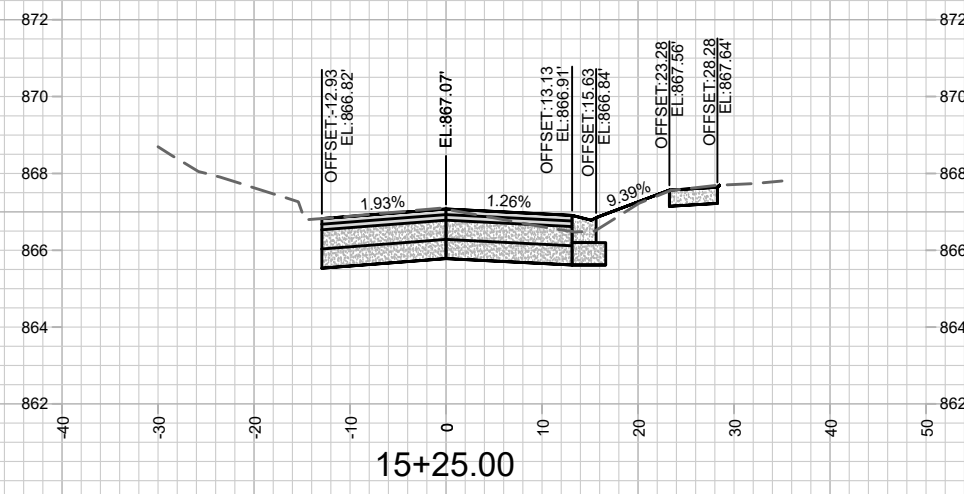
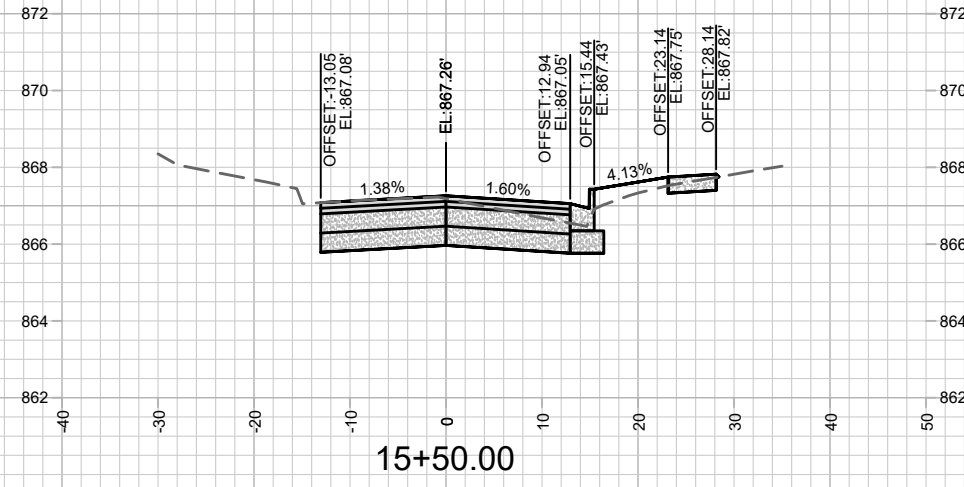
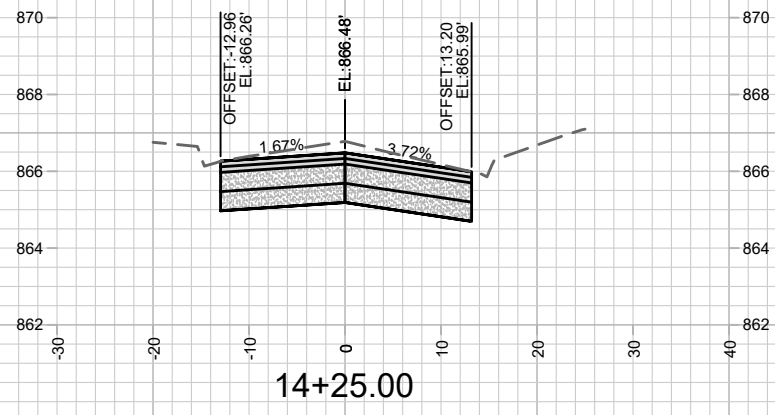
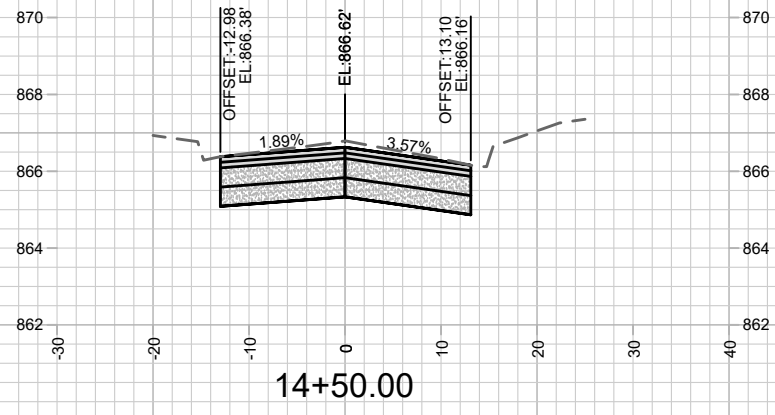
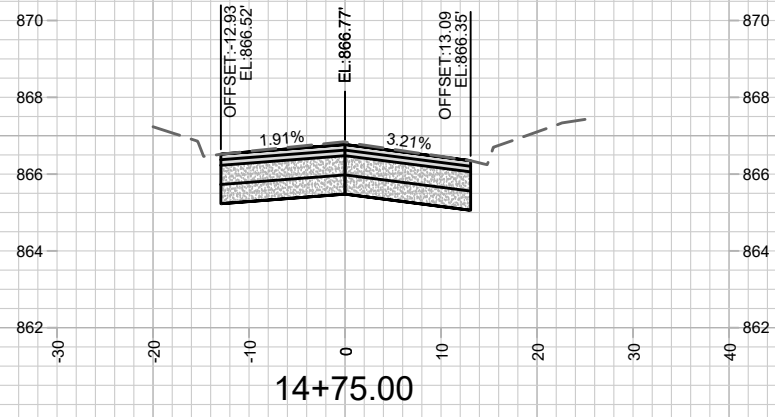


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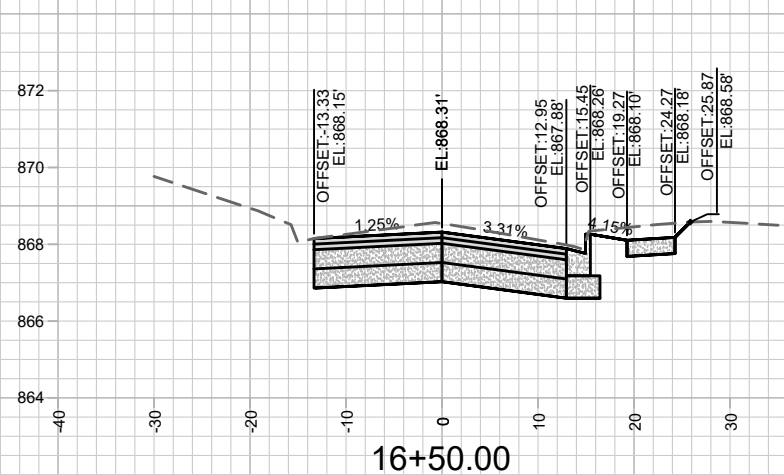
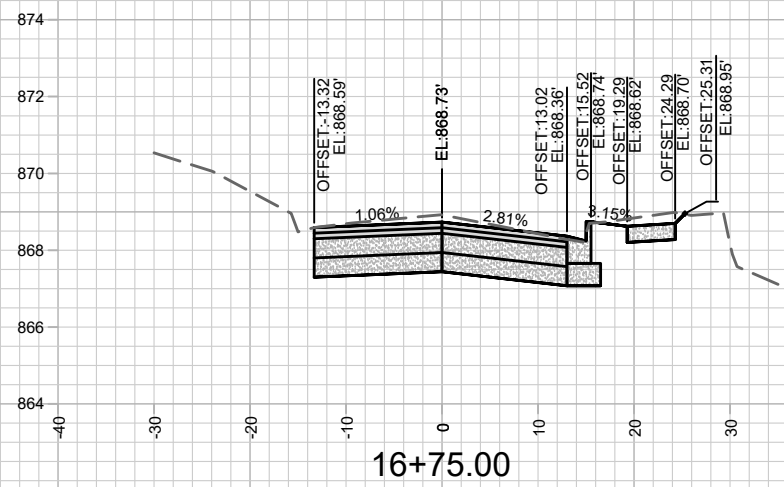
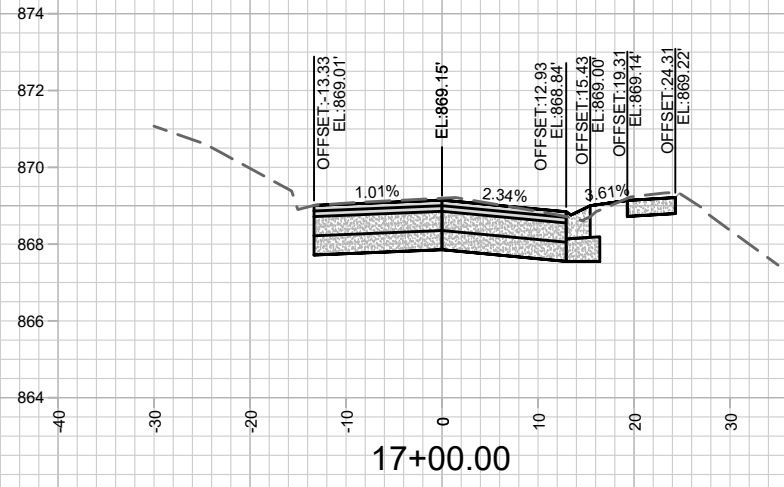
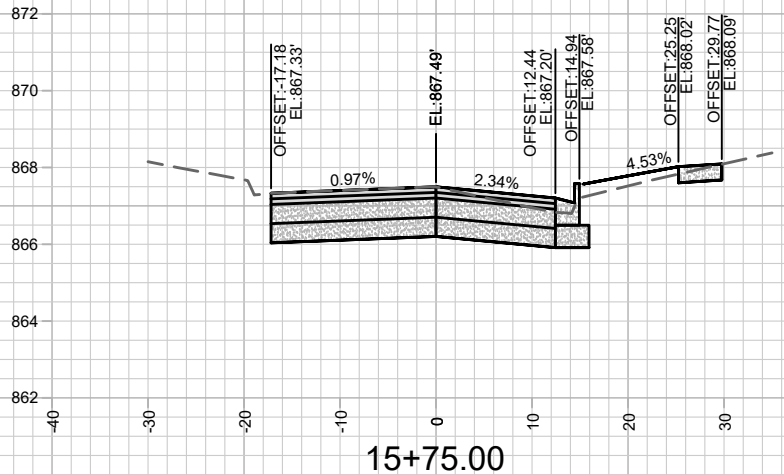
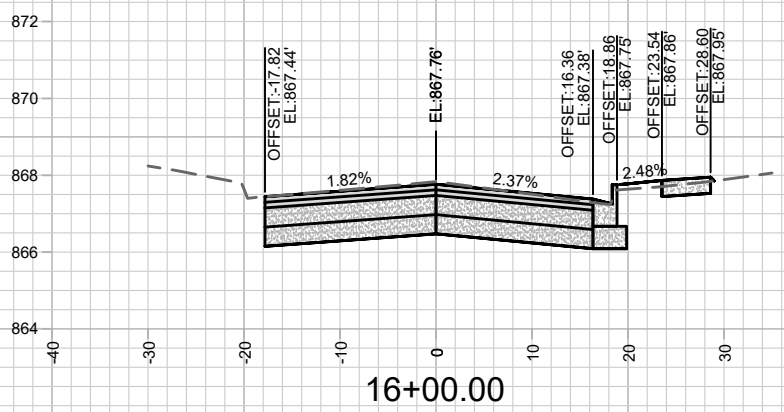
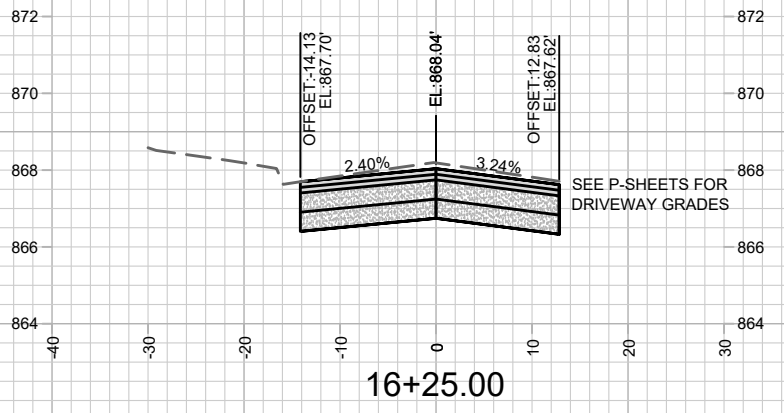




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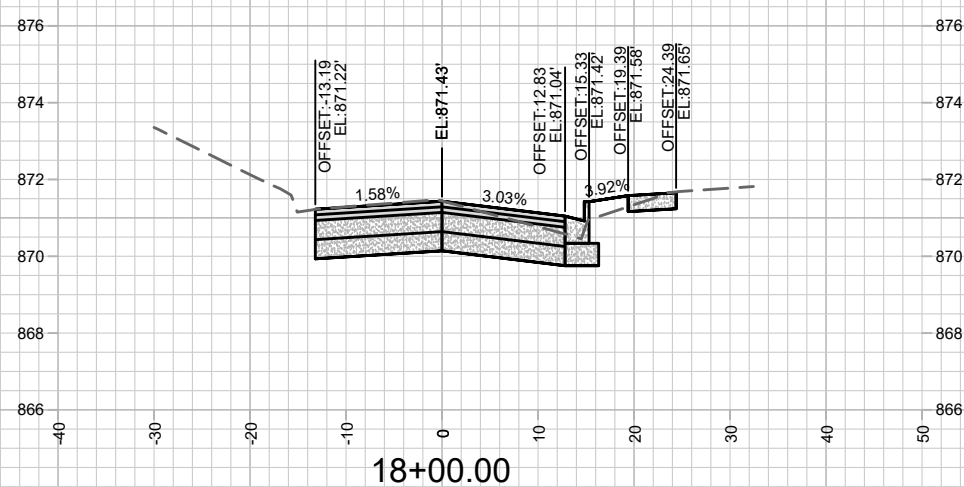
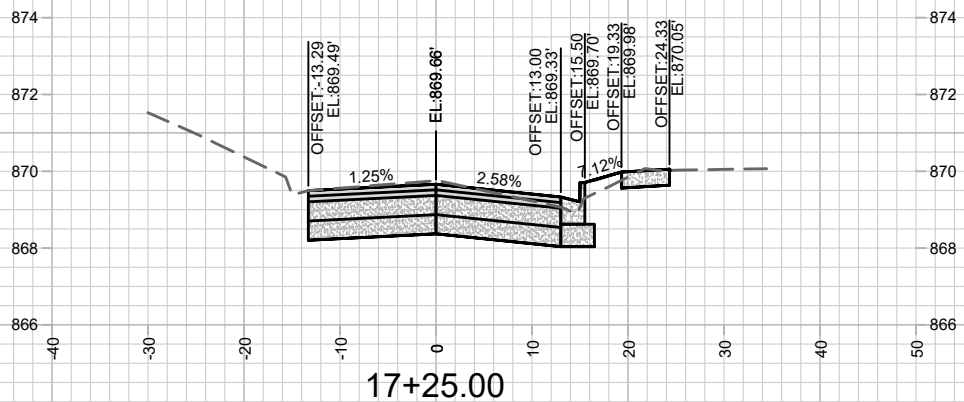
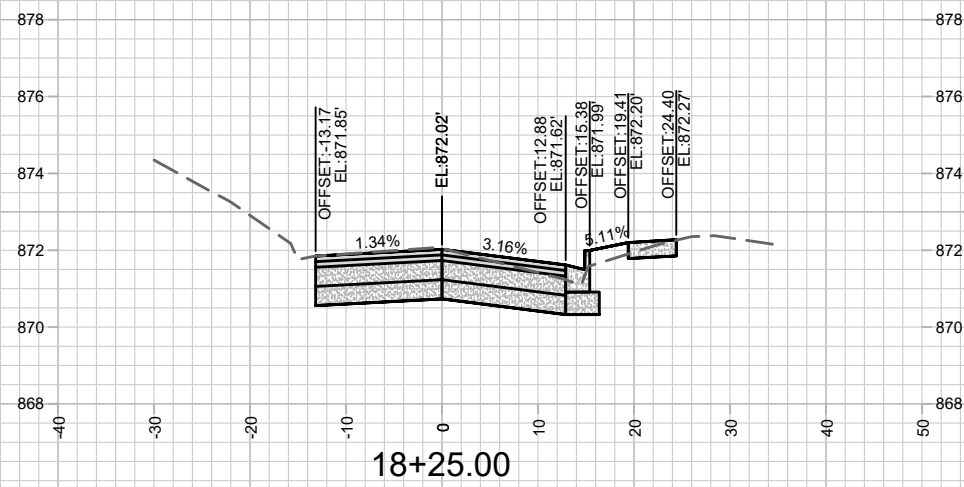
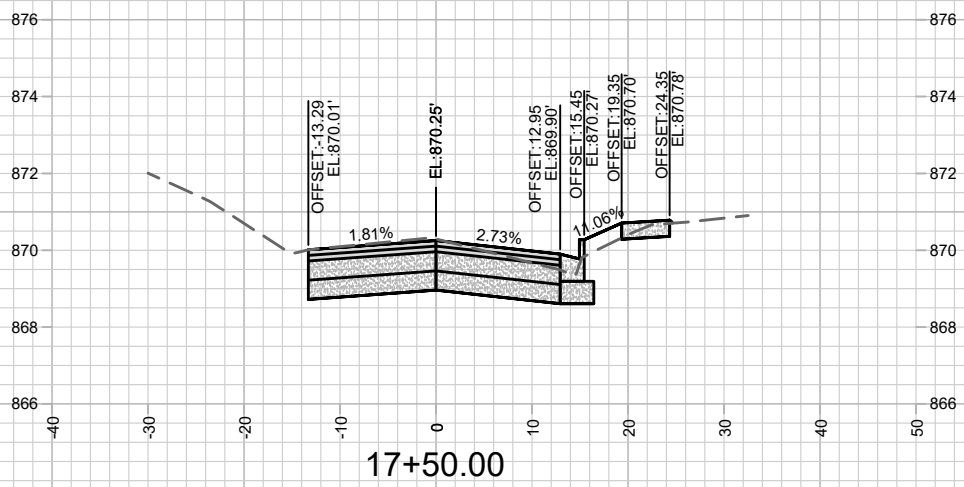
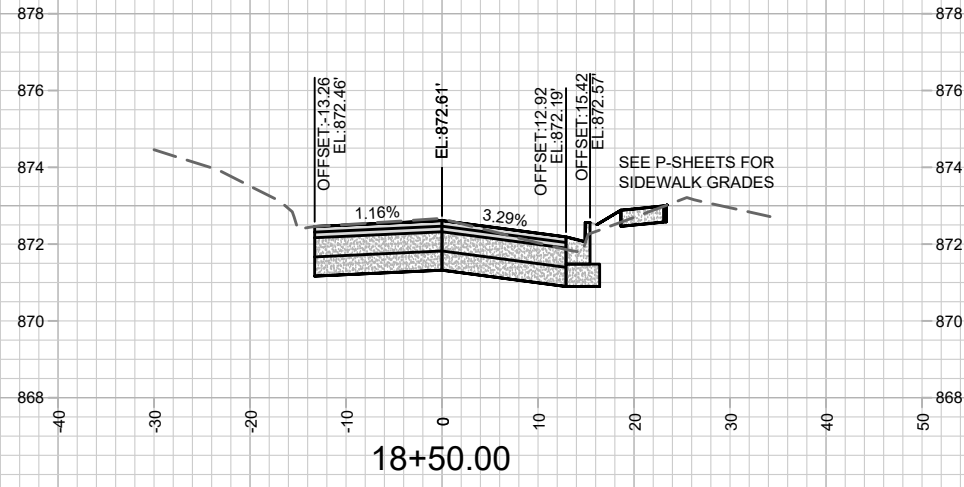
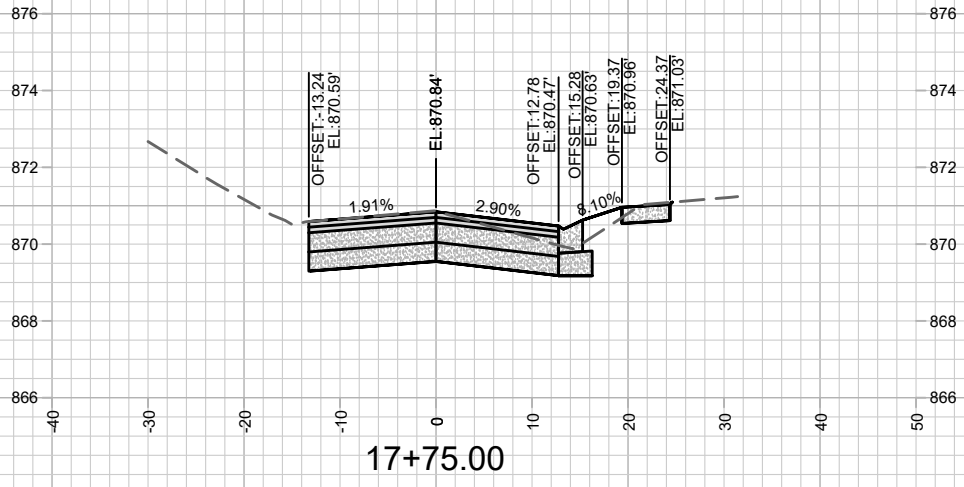


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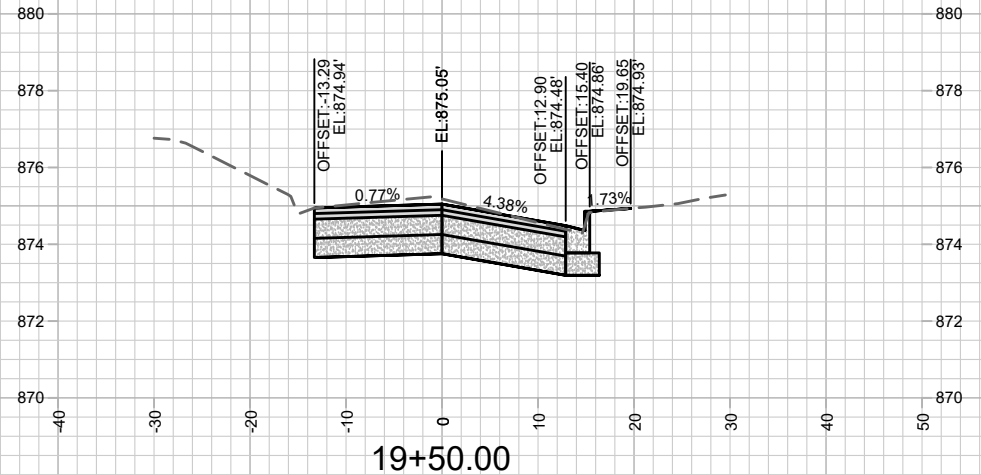
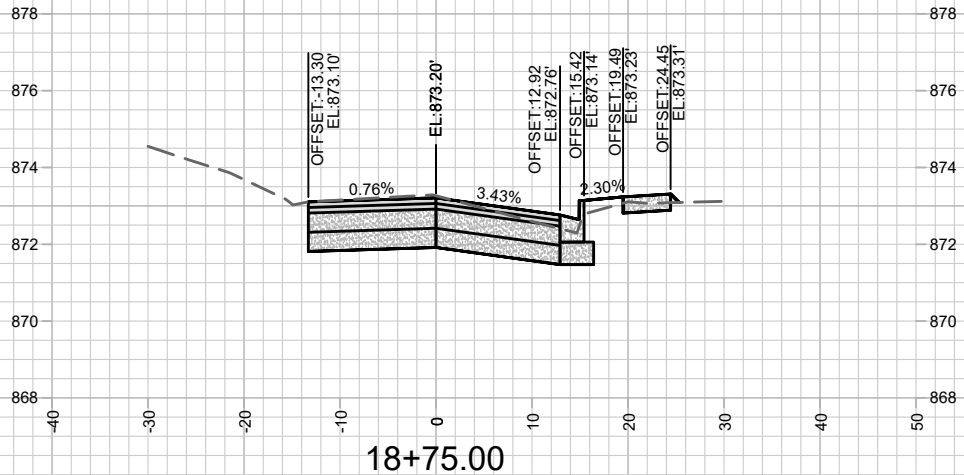
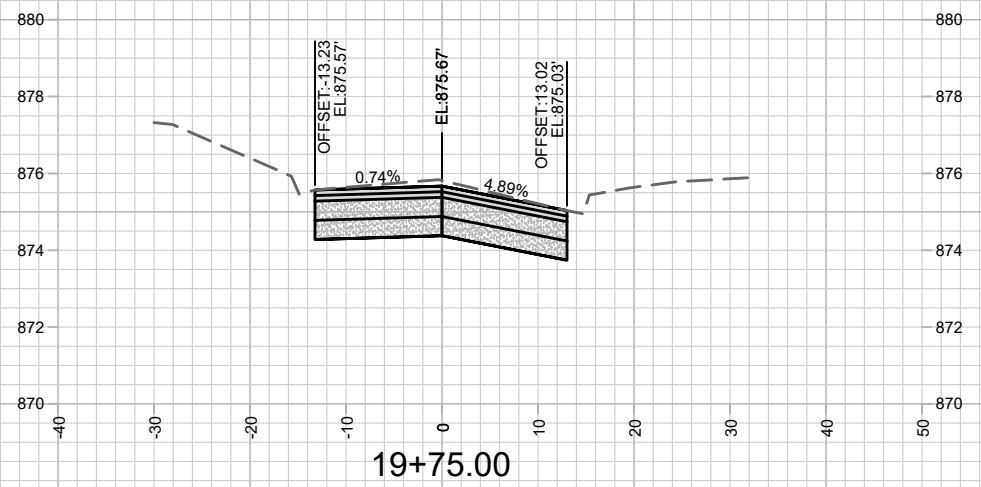
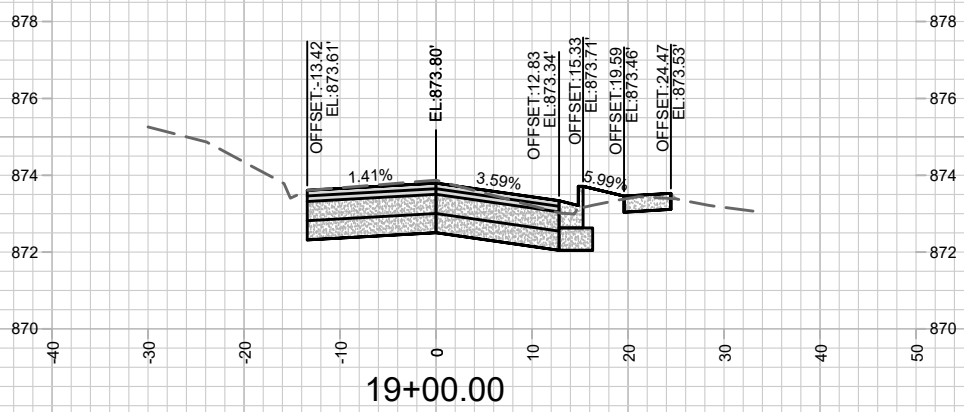
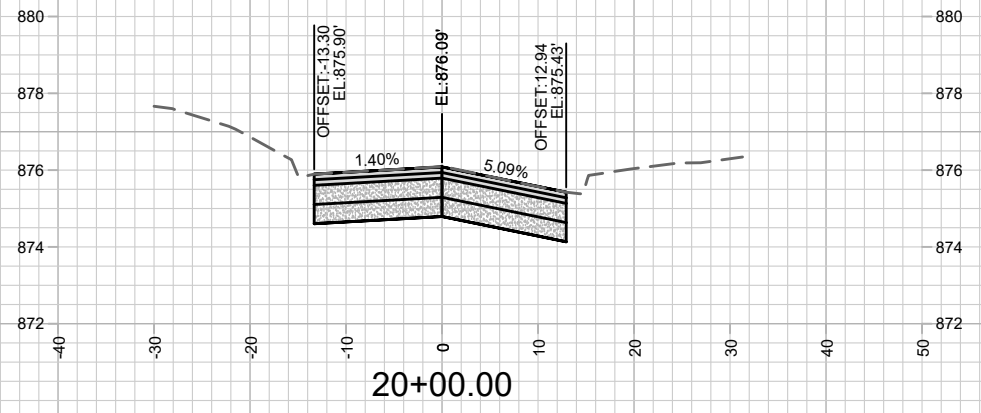
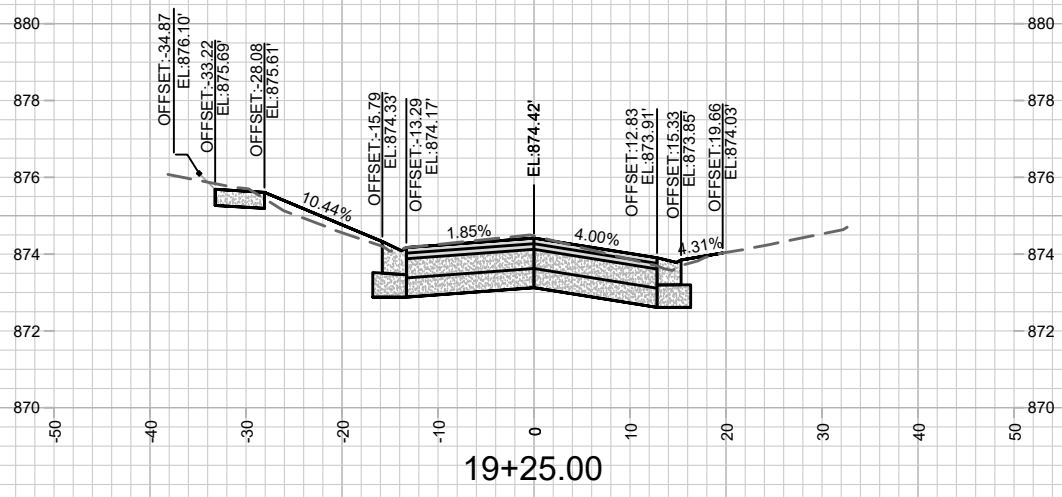


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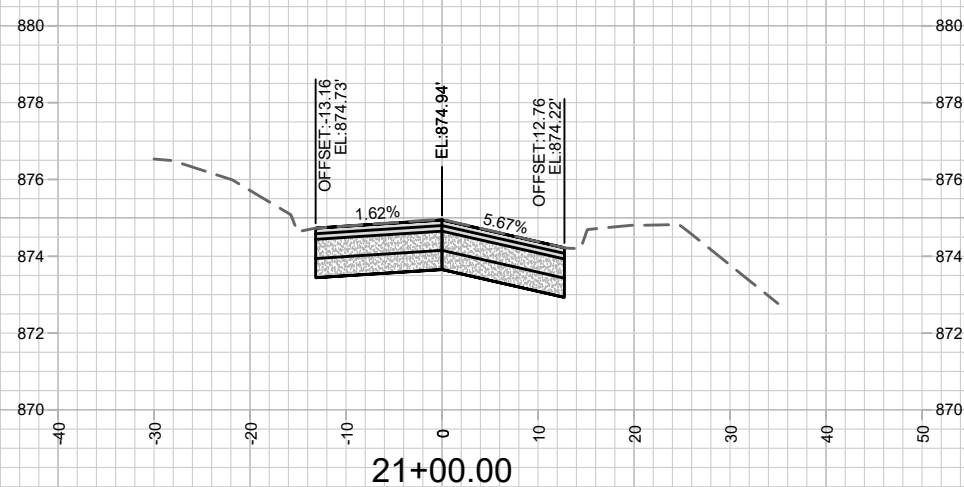
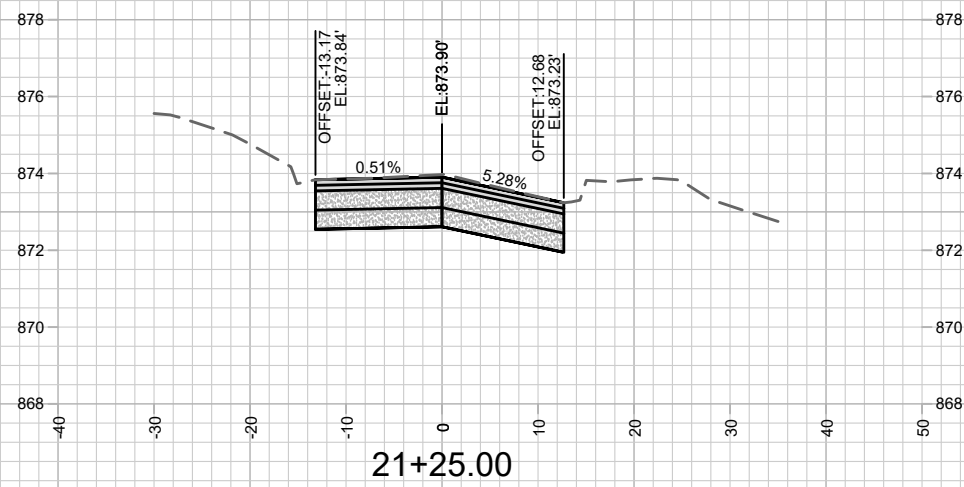
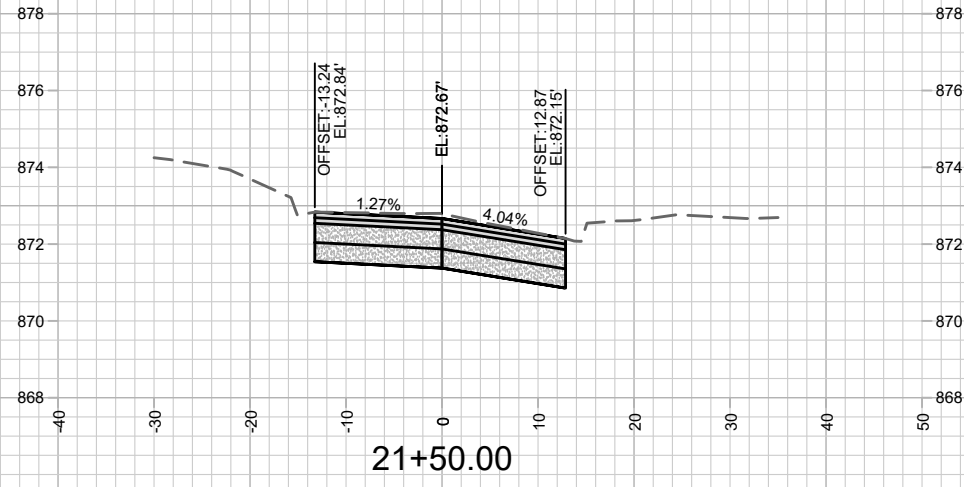
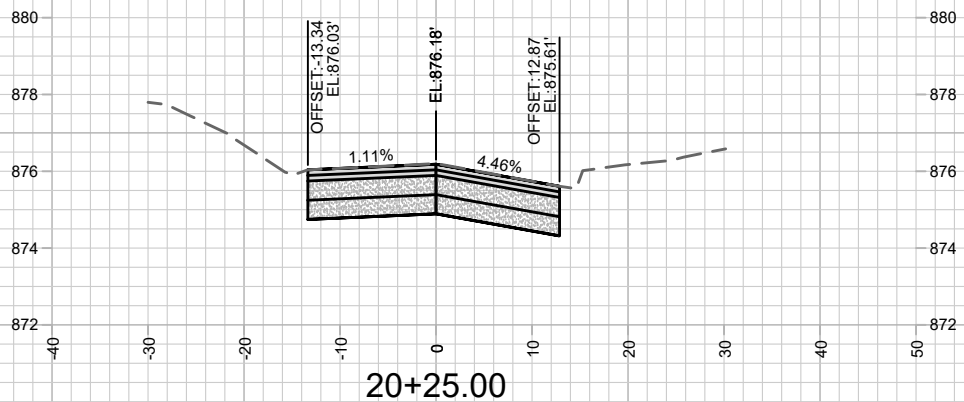
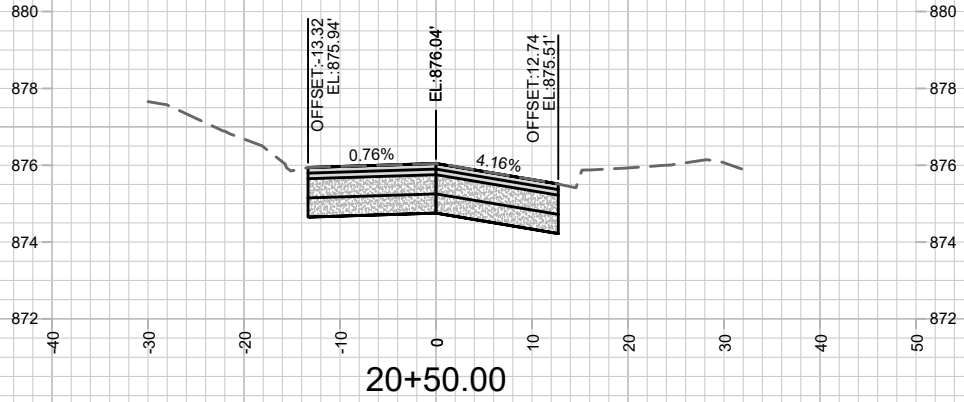
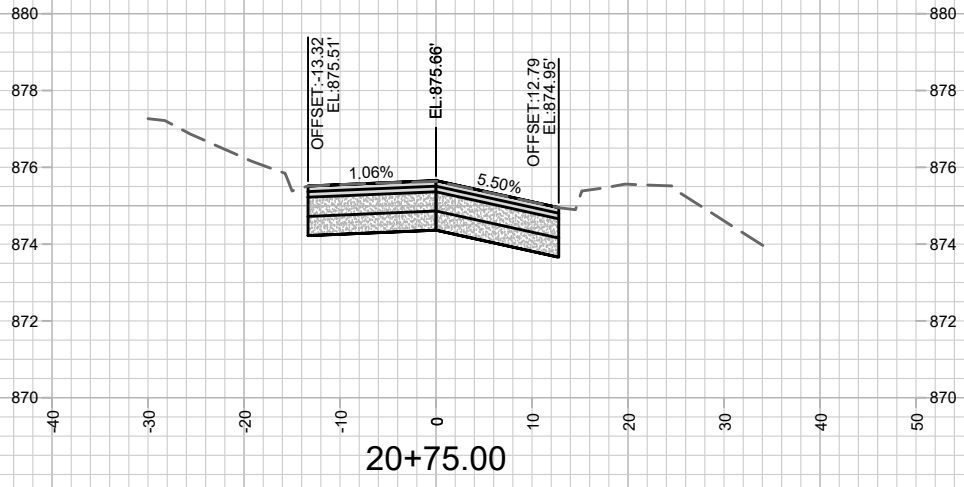


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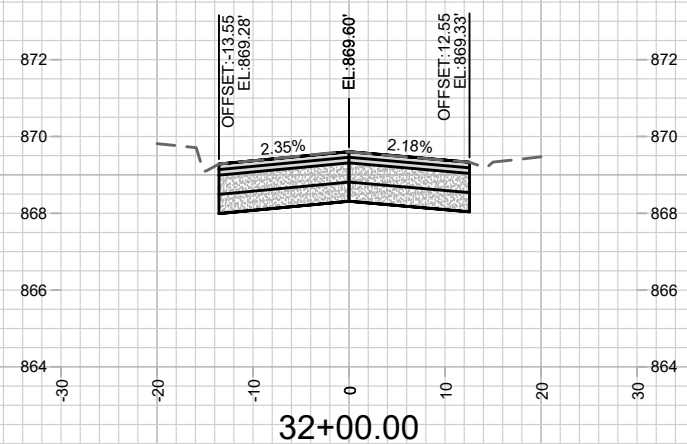
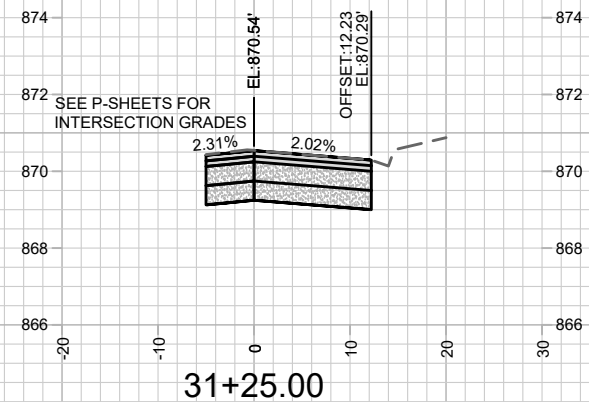
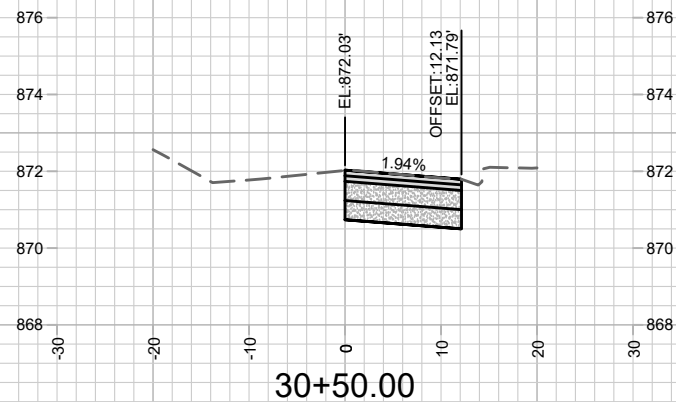
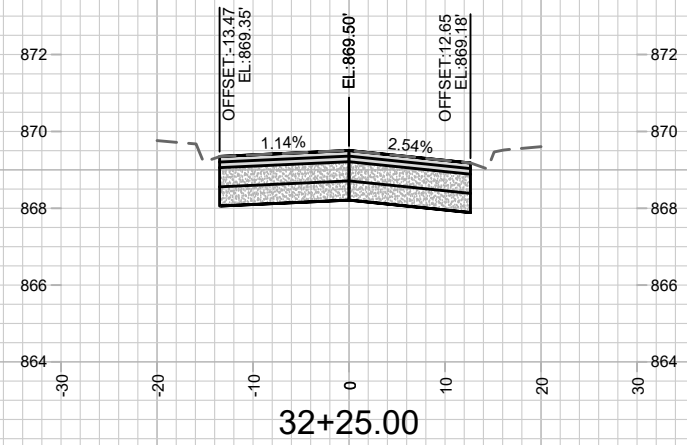
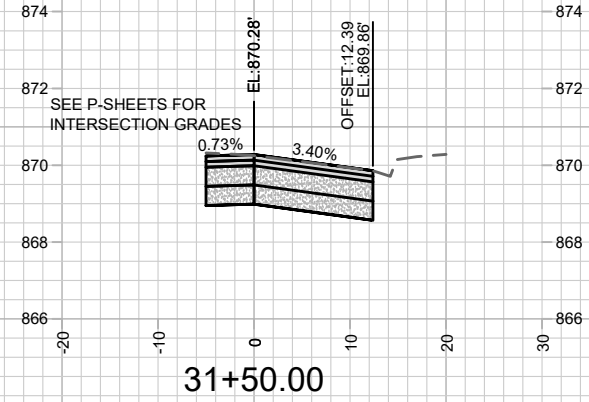
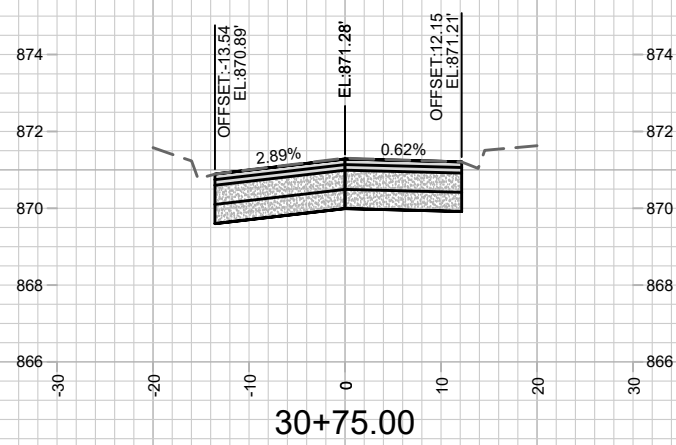
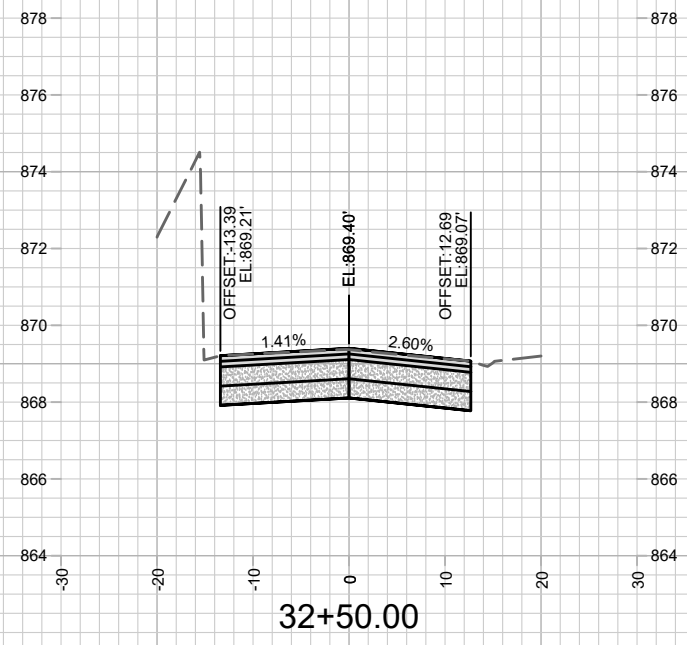
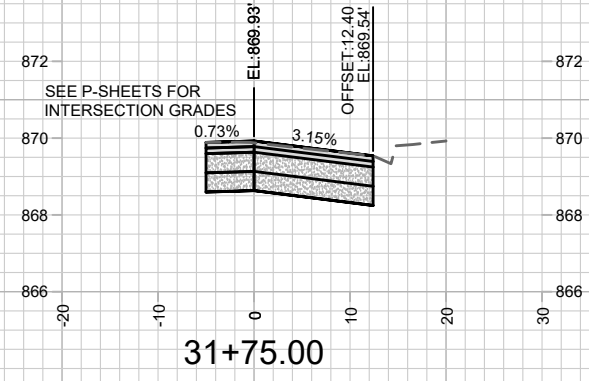
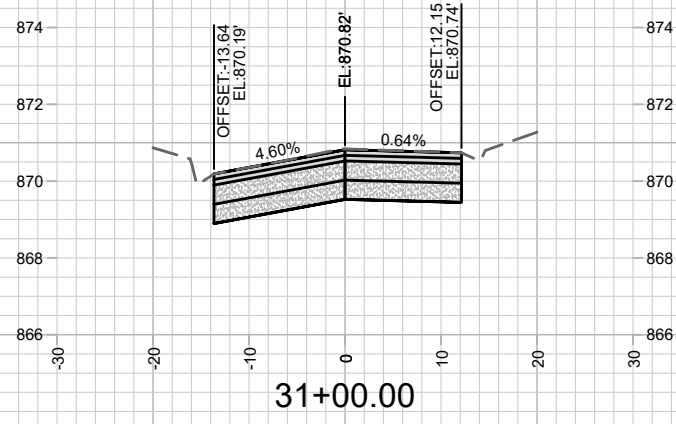
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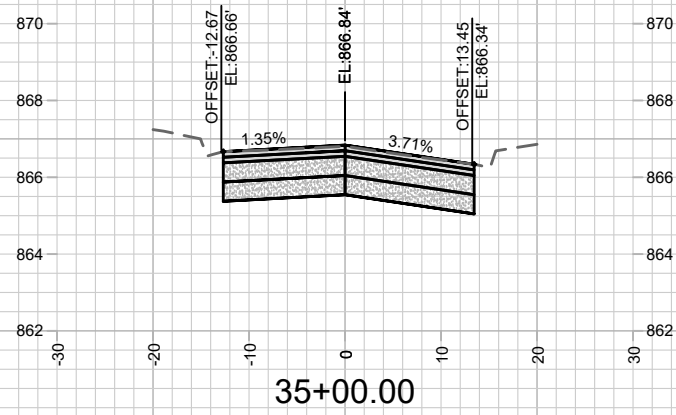
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SHERIDAN DRIVE - CROSS SECTIONS

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