

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS


SHEET NO.	TITLE
1	
U1-U9	SANITARY PLAN AND PROFILE
U10	SANITARY SCHEDULE

PUBLIC IMPROVEMENT PROJECT APPROVED

MARCH 19, 2019

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

 4/11/19
City Engineer Date

SANITARY SEWER
DESIGNED BY:

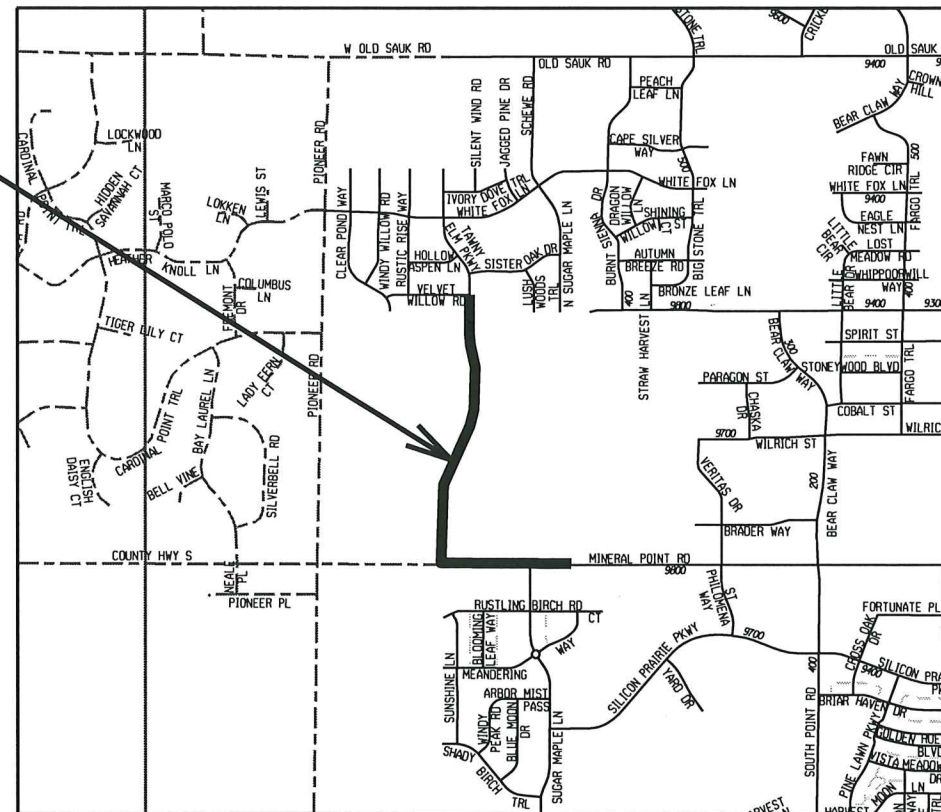


WEST ELDERBERRY SANITARY SEWER INTERCEPTOR - 2019

CITY PROJECT NO. 11842

CONTRACT NO. 9412

PROJECT
LOCATION



CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□

NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

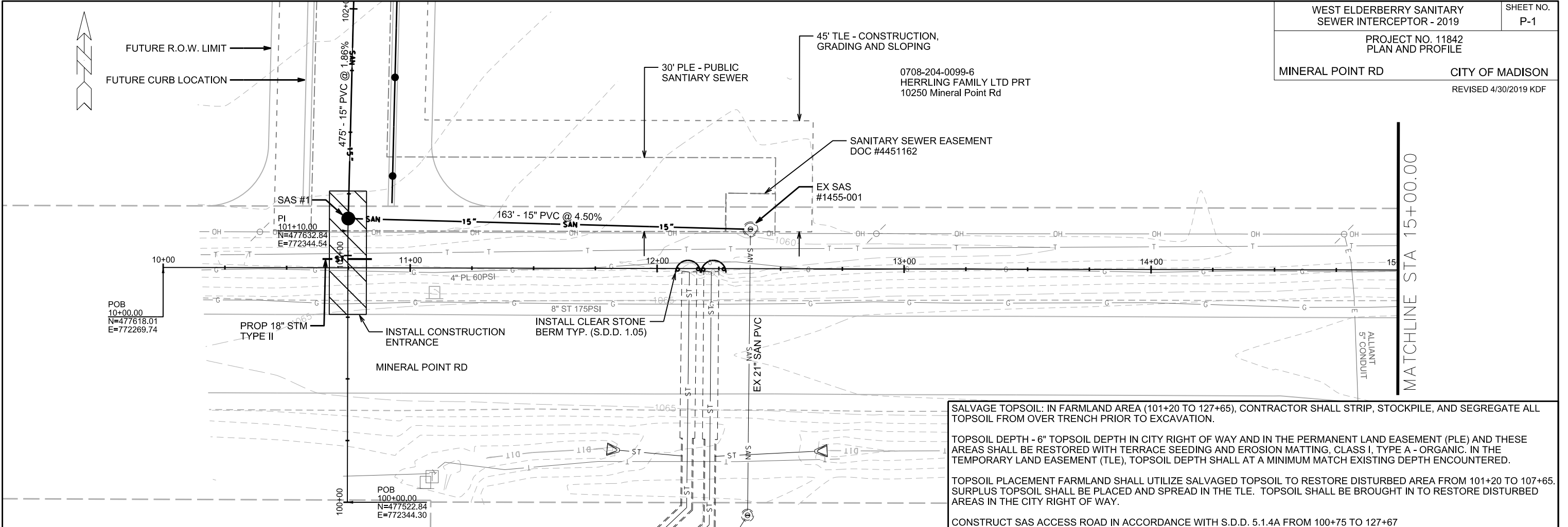
SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

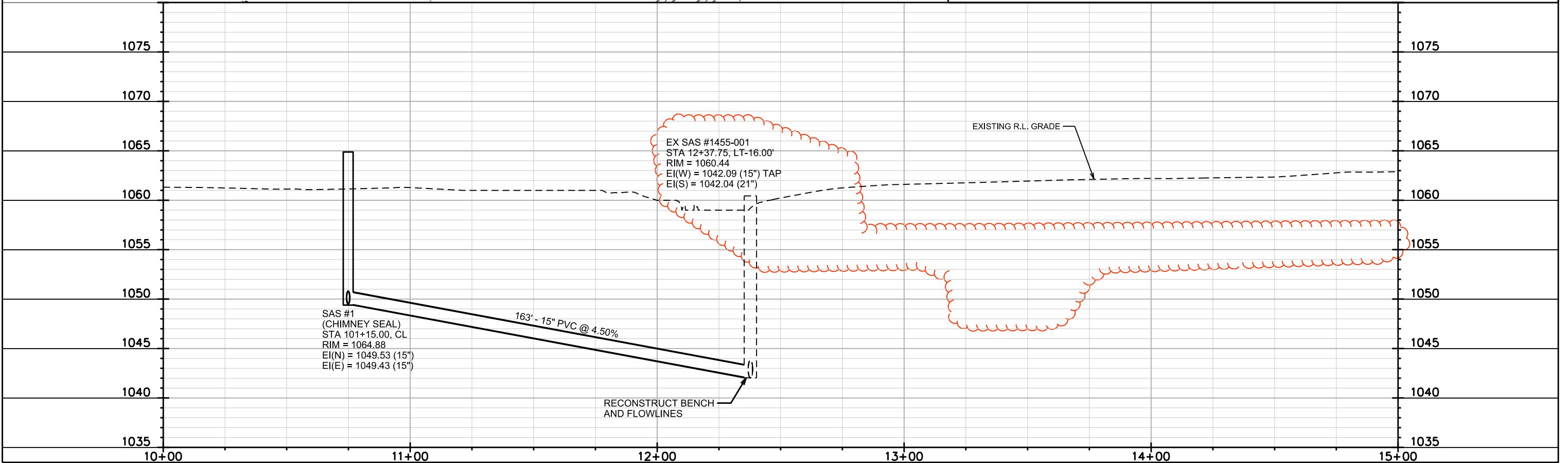


SALVAGE TOPSOIL: IN FARMLAND AREA (101+20 TO 127+65), CONTRACTOR SHALL STRIP, STOCKPILE, AND SEGREGATE ALL TOPSOIL FROM OVER TRENCH PRIOR TO EXCAVATION.

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TOPSOIL PLACEMENT FARMLAND SHALL UTILIZE SALVAGED TOPSOIL TO RESTORE DISTURBED AREA FROM 101+20 TO 107+65. SURPLUS TOPSOIL SHALL BE PLACED AND SPREAD IN THE TLE. TOPSOIL SHALL BE BROUGHT IN TO RESTORE DISTURBED AREAS IN THE CITY RIGHT OF WAY.

CONSTRUCT SAS ACCESS ROAD IN ACCORDANCE WITH S.D.D. 5.1.4A FROM 100+75 TO 127+67



PLOT SCALE:

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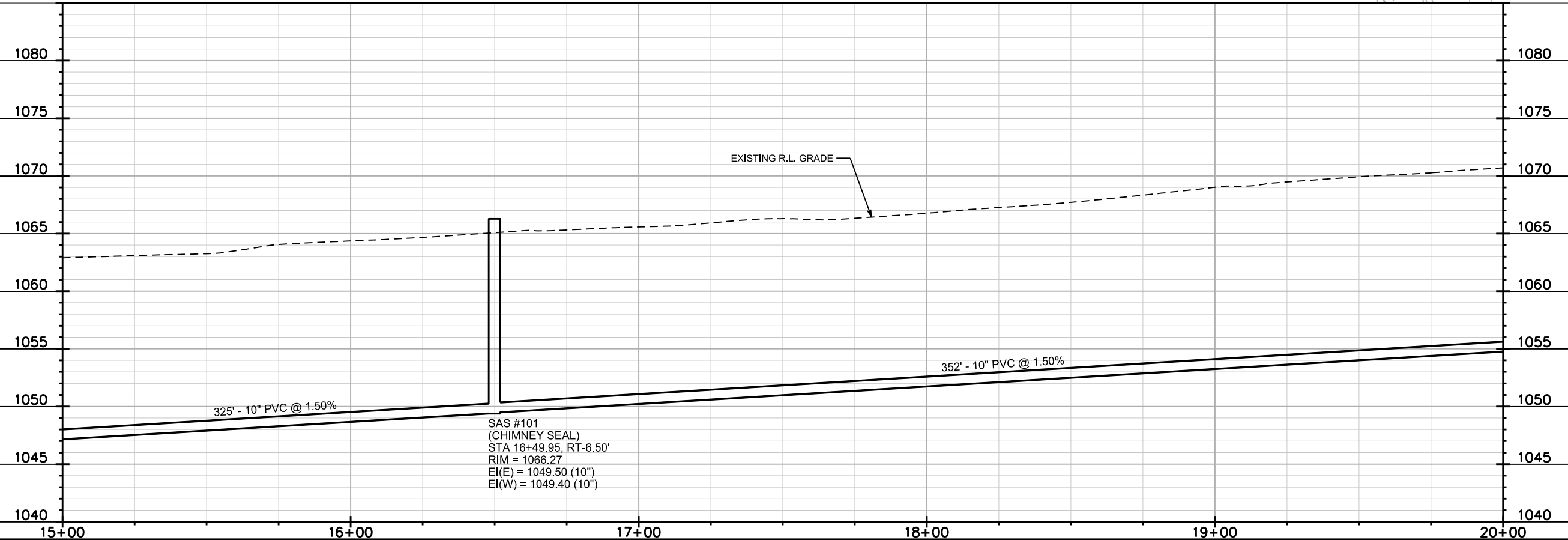
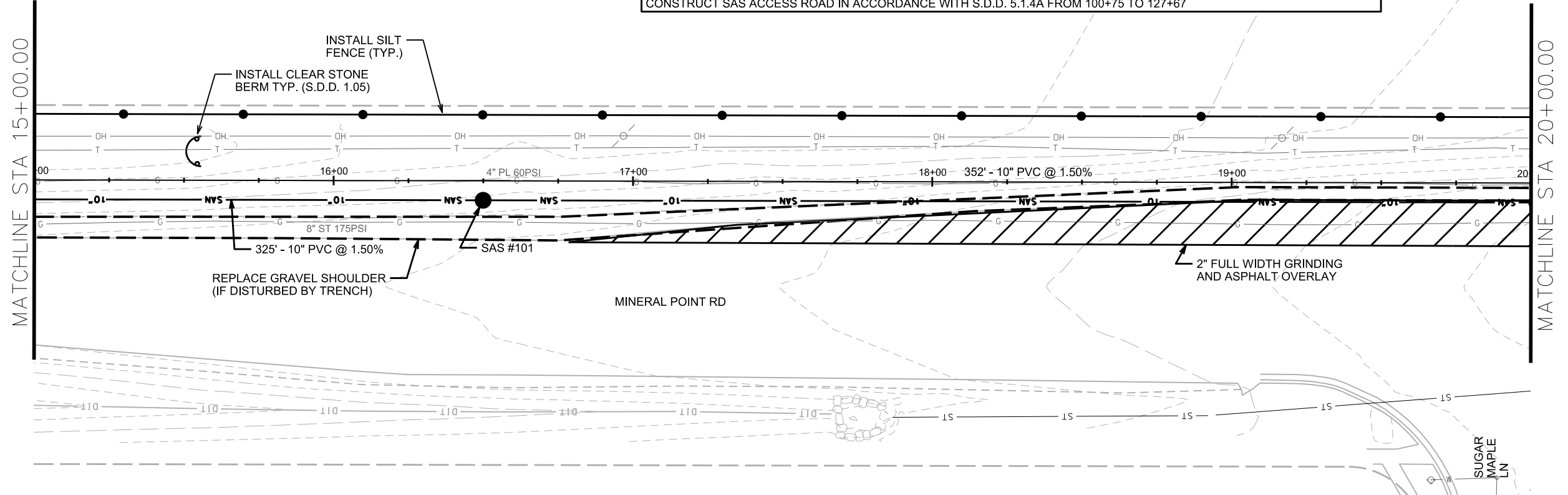
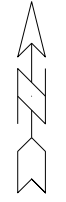
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0708-204-0099-6
 HERRLING FAMILY LTD PRT
 10250 Mineral Point Rd



SAS #101
 (CHIMNEY SEAL)
 STA 16+49.95, RT-6.50'
 RIM = 1066.27
 EI(E) = 1049.50 (10")
 EI(W) = 1049.40 (10")

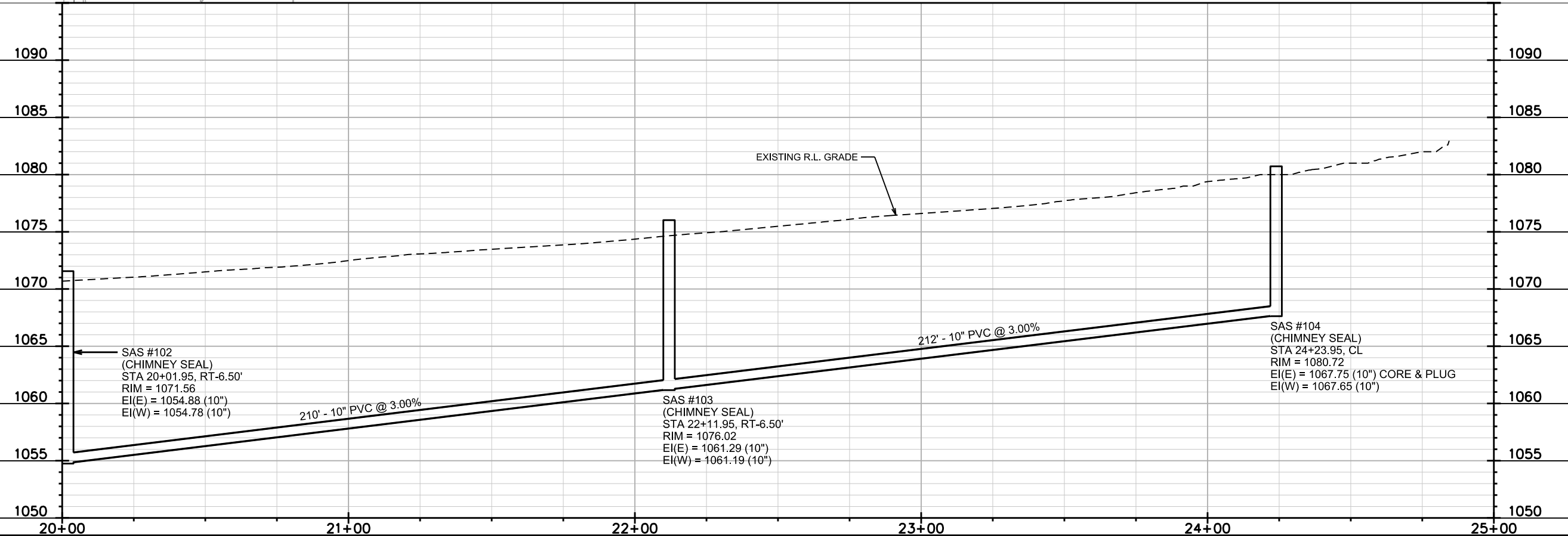
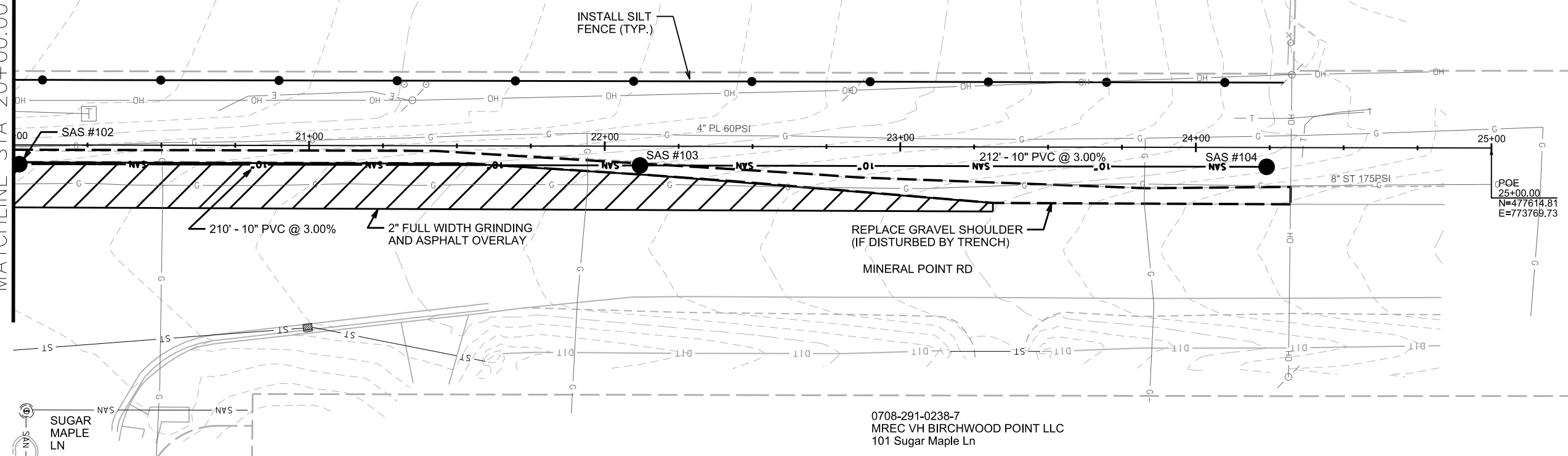
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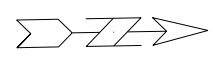
0708-204-0099-6
 HERRLING FAMILY LTD PRT
 10250 Mineral Point Rd

0708-213-0099-7
 TOWN OF MIDDLETON
 9802 Mineral Point Rd

MATCHLINE STA 20+00.00



PLOT SCALE:
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 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0708-291-9000-1
CHEN-KANG CHANG
JULIE CHANG
WANG YU CHIANG

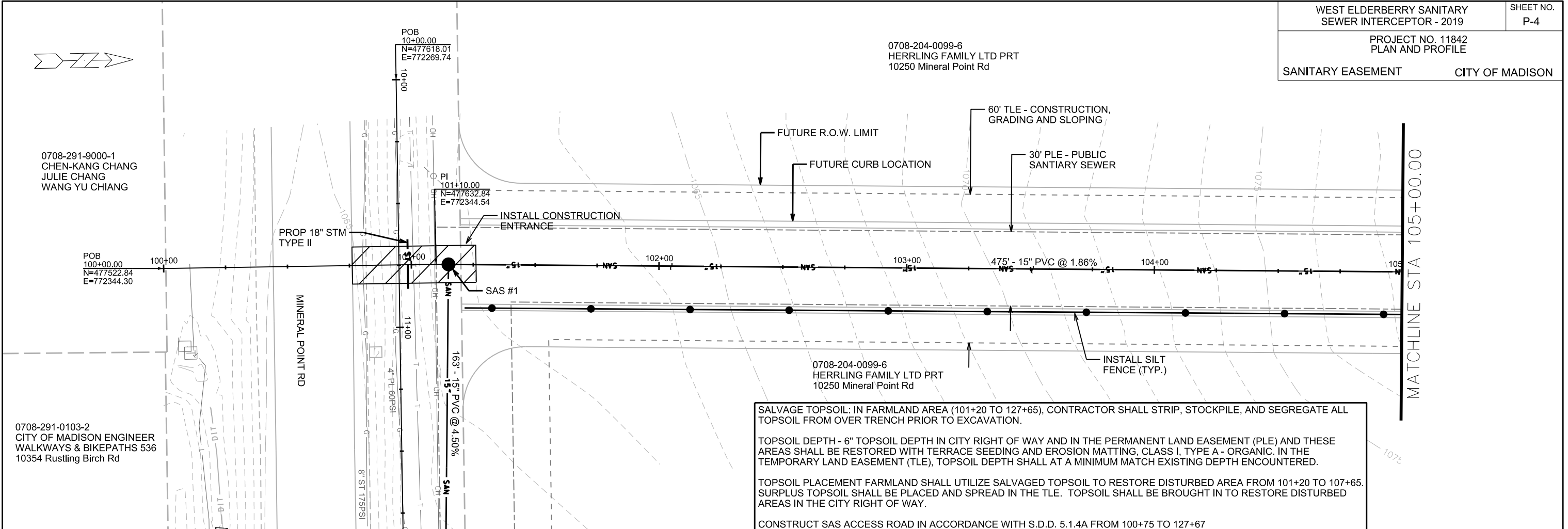
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HERRLING FAMILY LTD PRT
10250 Mineral Point Rd

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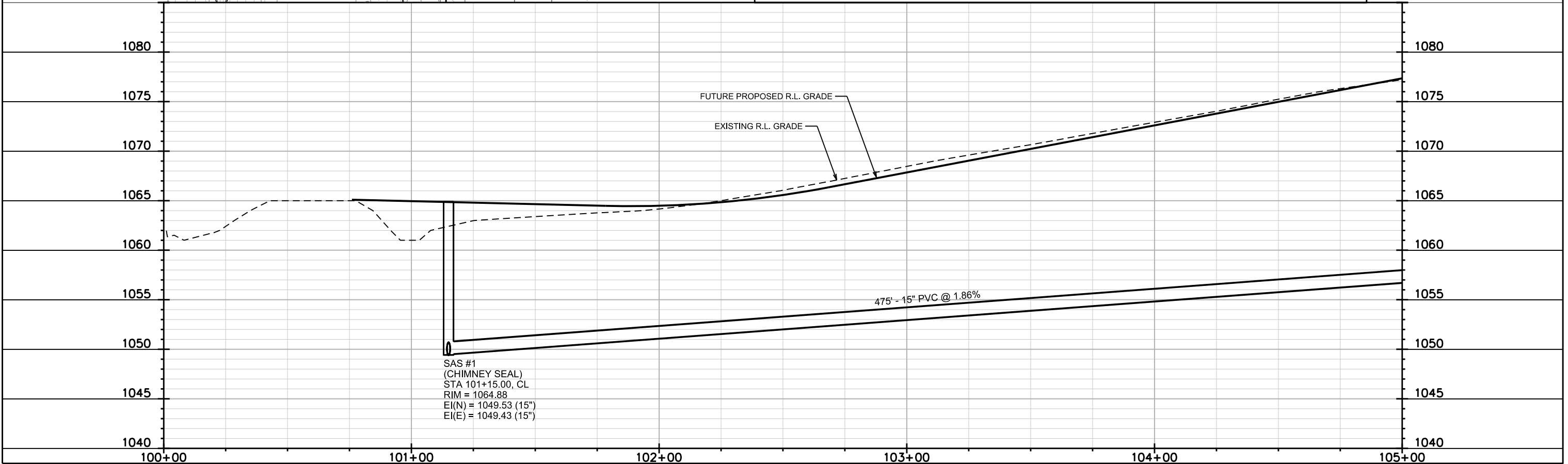


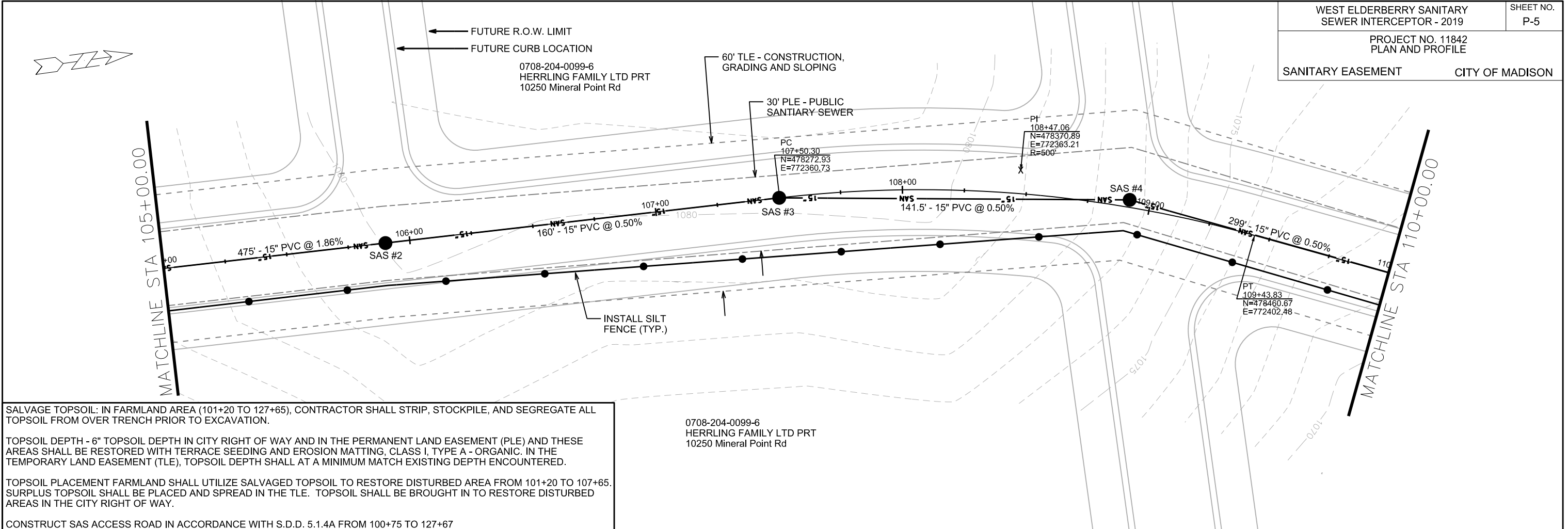
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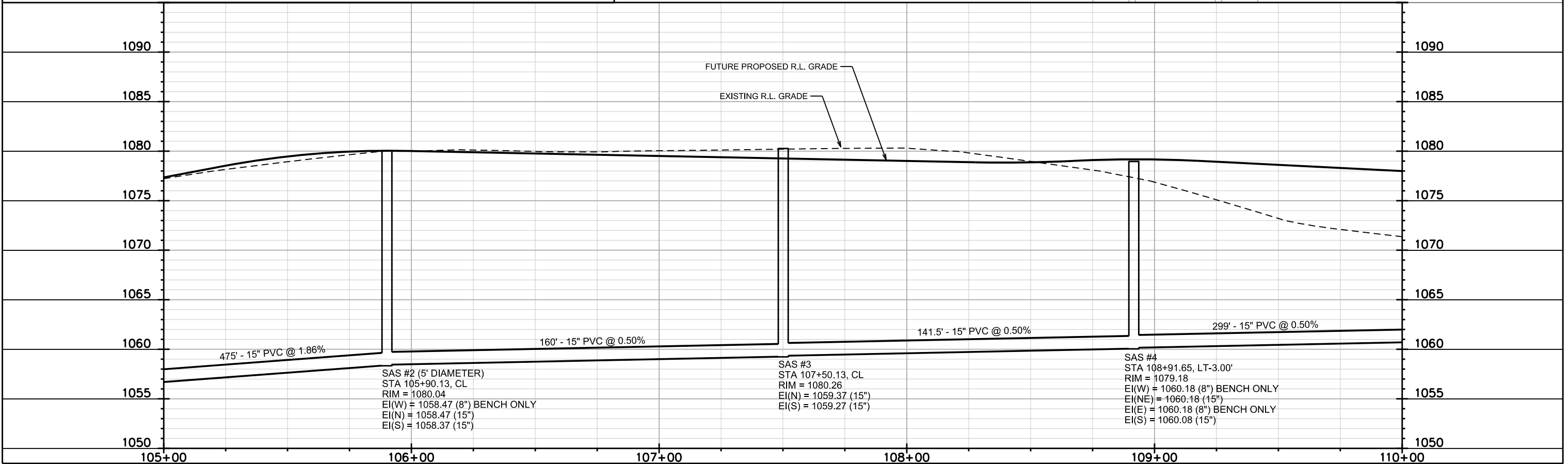


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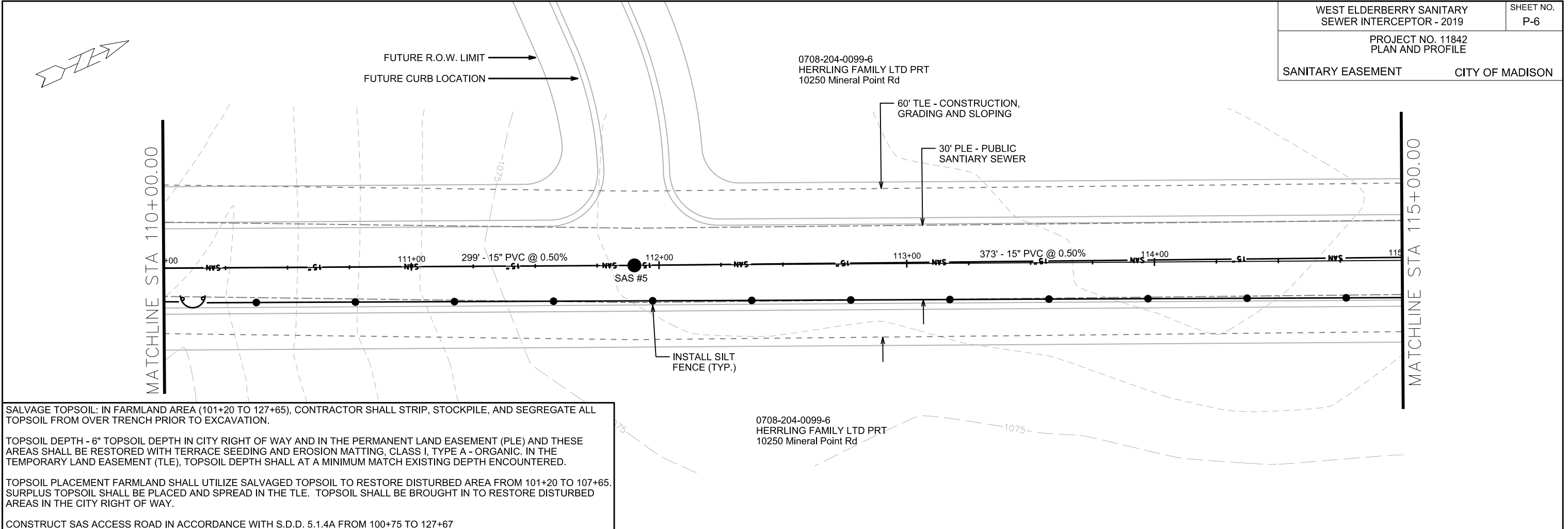


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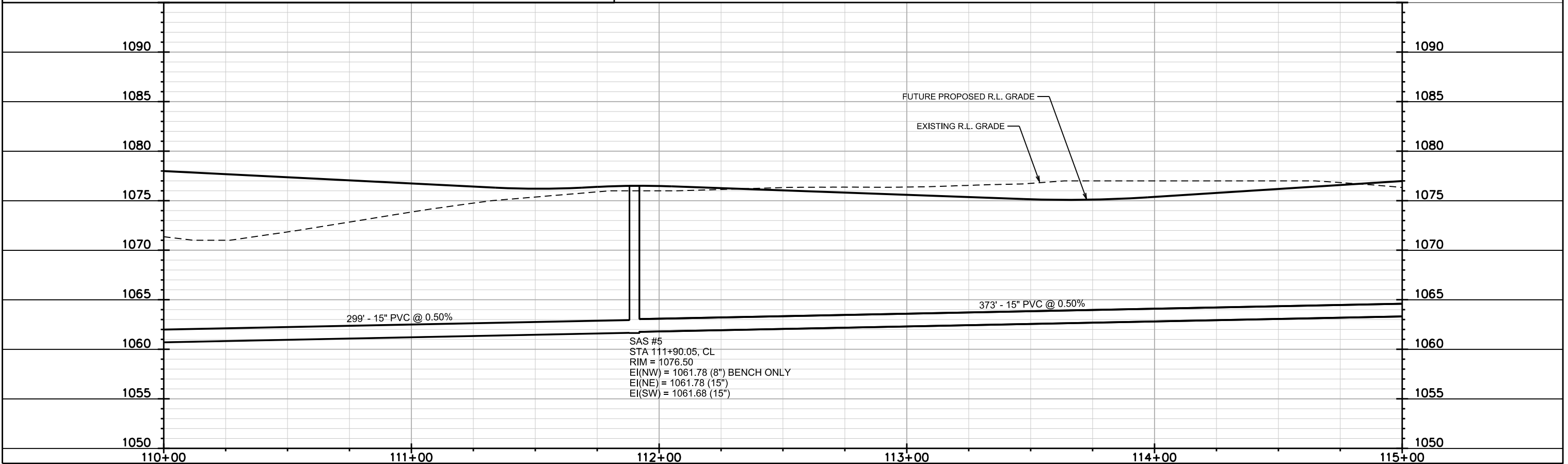


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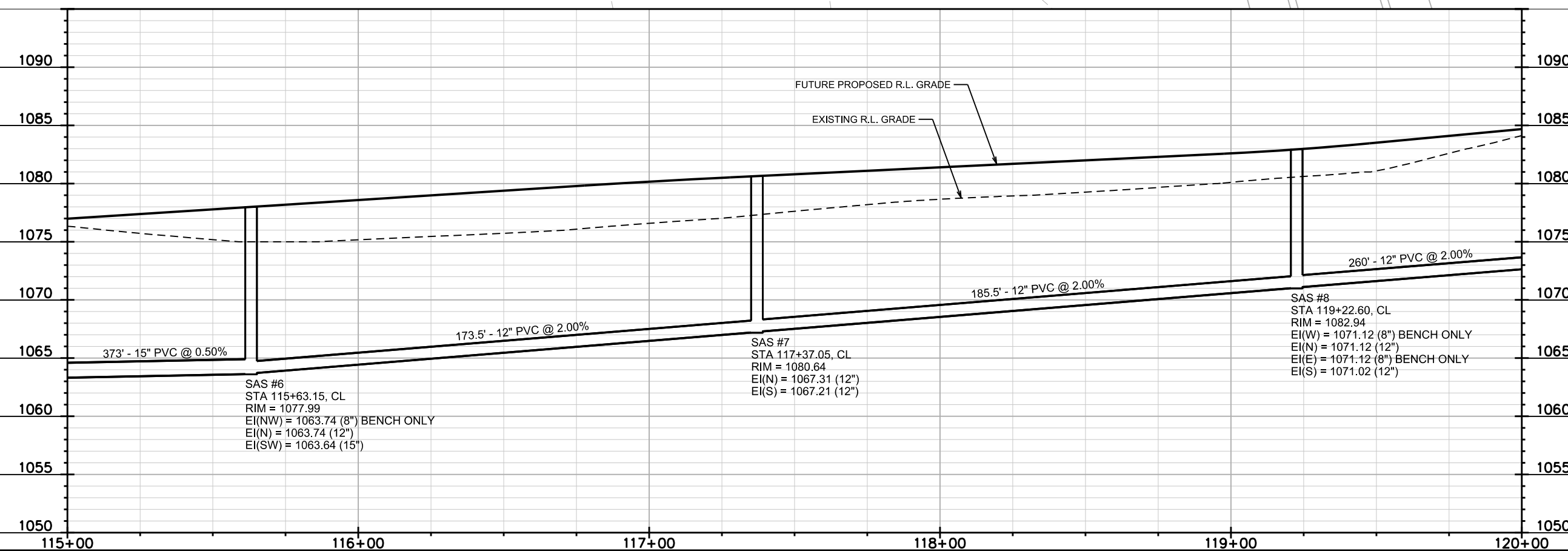
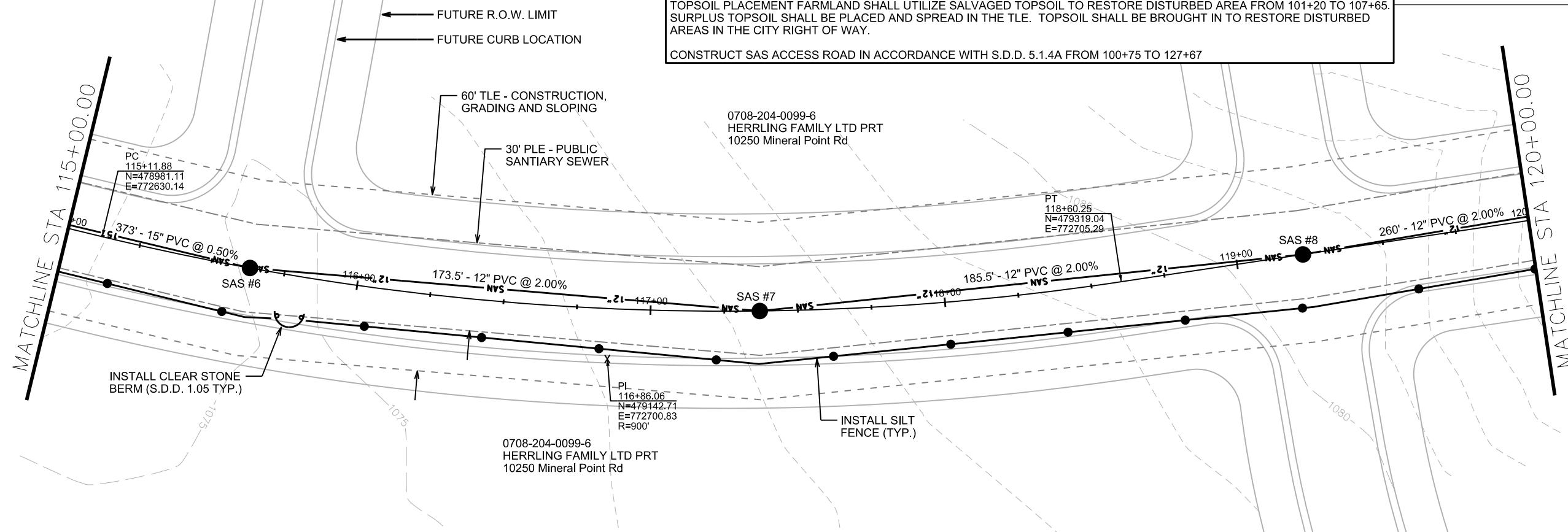
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WEST ELDERBERRY SANITARY SEWER INTERCEPTOR - 2019
 PROJECT NO. 11842
 PLAN AND PROFILE
 SANITARY EASEMENT CITY OF MADISON

SHEET NO.
 P-7



PLOT SCALE:
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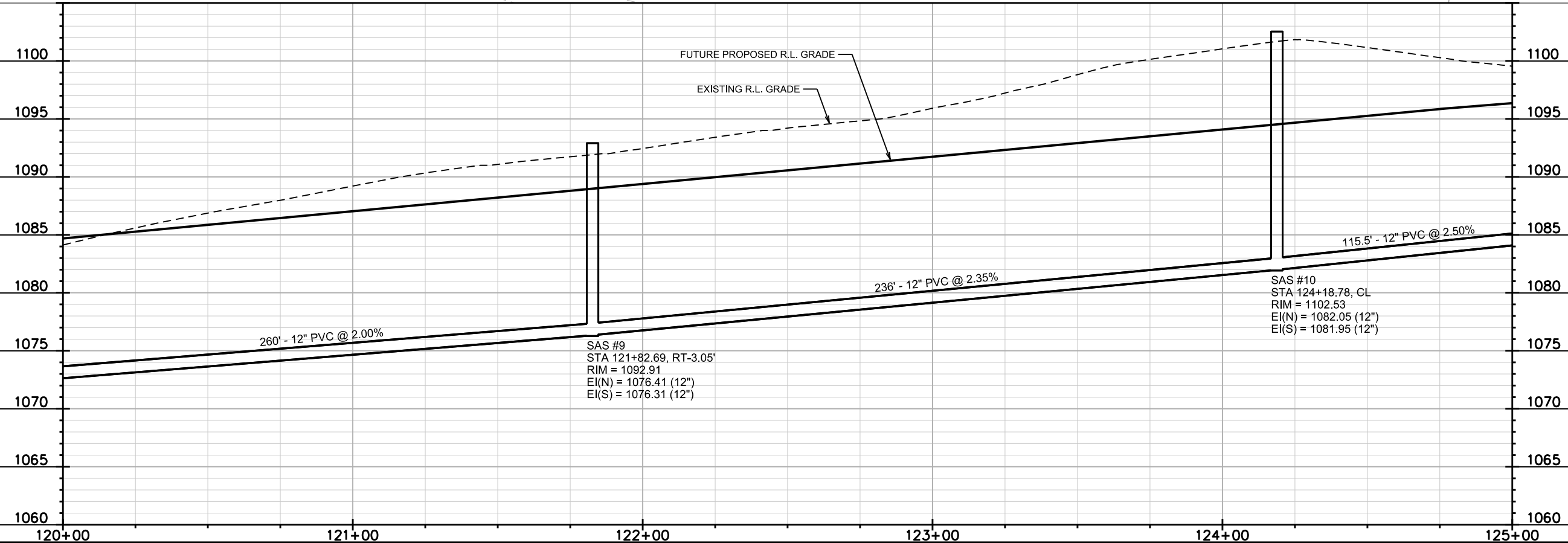
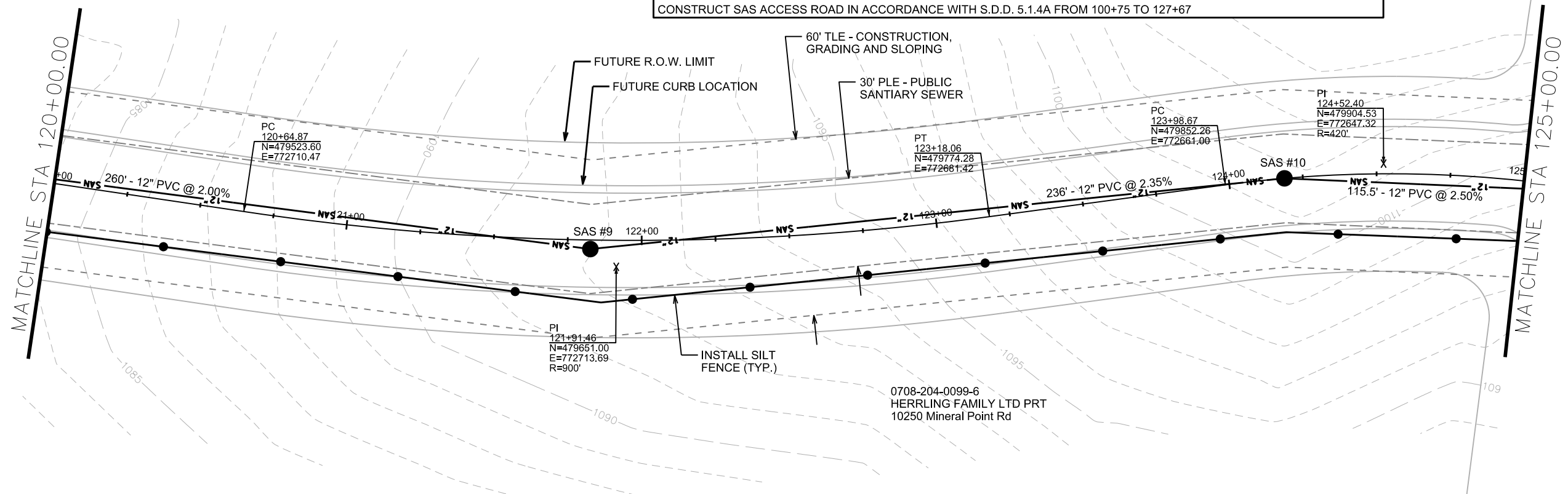
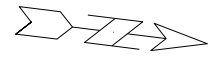
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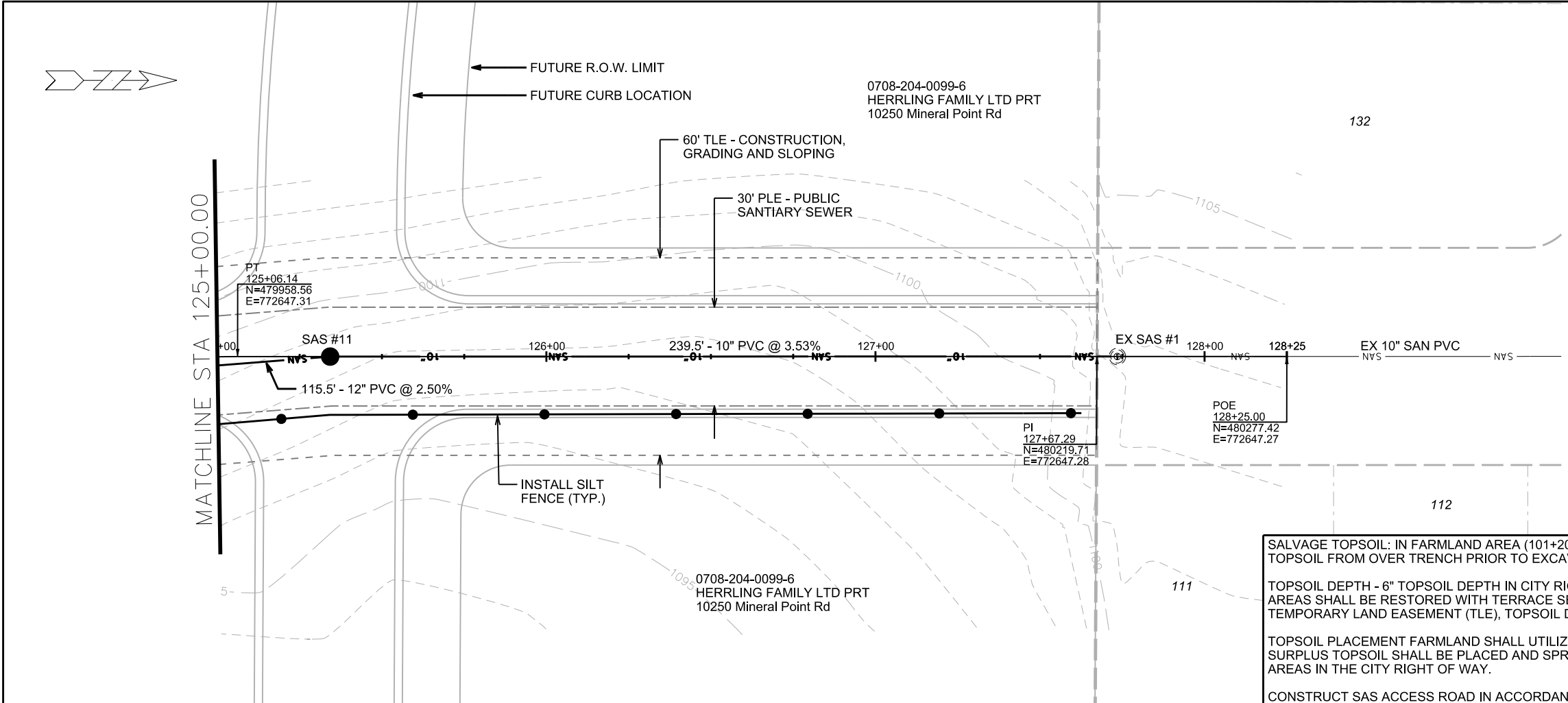
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HERRLING FAMILY LTD PRT
10250 Mineral Point Rd



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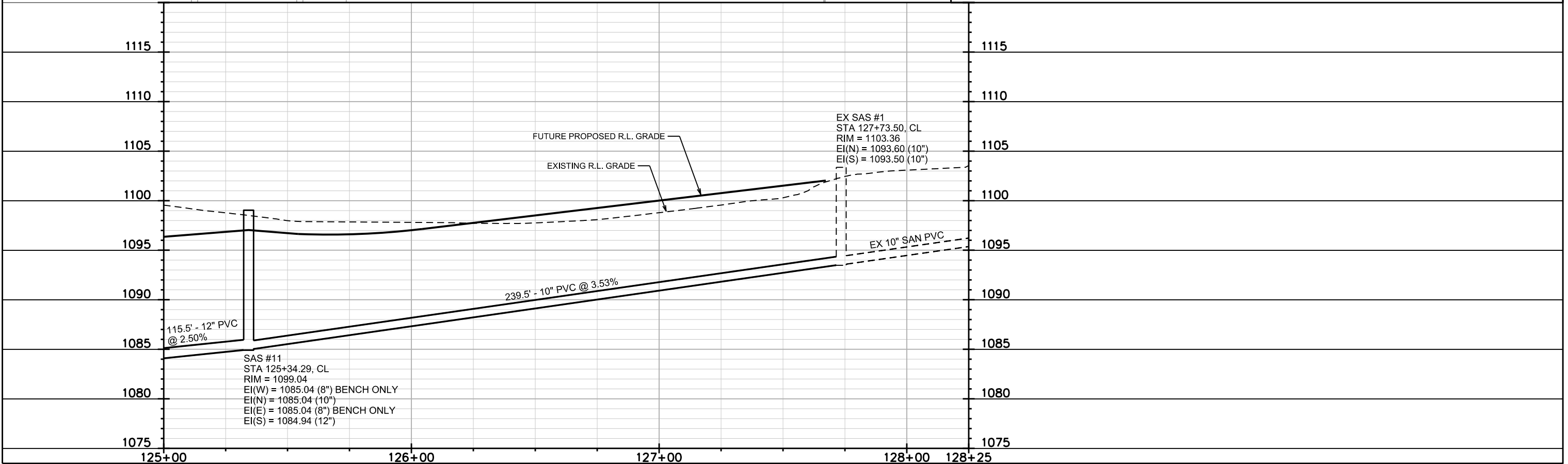


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SANITARY SEWER SCHEDULE

*REVISED 4/30/2019

WEST ELDERBERRY SANITARY
SEWER INTERCEPTOR - 2019

SHEET NO.
P-10

PROJECT NO. 11842
SANITARY SEWER SCHEDULE
CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
EASEMENT						
* SAS #1	101+15.00	CL	1064.88	1049.43	15.45	[1], [2], [3]
* SAS #2	105+90.13	CL	1080.04	1058.37	21.67	[1], [3], FIVE FOOT DIAMETER
* SAS #3	107+50.13	CL	1080.26	1059.27	20.99	[1], [3]
* SAS #4	108+91.65	LT-3.00	1079.18	1060.08	19.10	[1], [3]
* SAS #5	111+90.05	CL	1076.50	1061.68	14.82	[1], [3]
* SAS #6	115+63.15	CL	1077.99	1063.64	14.35	[1], [3]
* SAS #7	117+37.05	CL	1080.64	1067.21	13.43	[1], [3]
* SAS #8	119+22.60	CL	1082.94	1071.02	11.92	[1], [3]
* SAS #9	121+82.69	RT-3.05	1092.91	1076.31	16.60	[1], [3]
* SAS #10	124+18.78	CL	1102.53	1081.95	20.58	[1], [3]
* SAS #11	125+34.29	CL	1099.04	1084.94	14.10	[1], [3]
MINERAL POINT RD						
* SAS #100	13+24.95	RT 6.50	1063.79	1044.44	19.35	[2]
* SAS #101	16+49.95	RT 6.50	1066.27	1049.40	16.87	[2]
* SAS #102	20+01.95	RT 6.50	1071.56	1054.78	16.78	[2]
* SAS #103	22+11.95	RT 6.50	1076.02	1061.19	14.83	[2]
* SAS #104	24+23.95	RT 6.50	1080.72	1067.65	13.07	[2]

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
EASEMENT								
* EX SAS #1455-001	SAS #1	1042.09	1049.43	163	4.50%	15"	SDR-26	[4]
SAS #1	SAS #2	1049.53	1058.37	475	1.86%	15"	SDR-26	-
SAS #2	SAS #3	1058.47	1059.27	160	0.50%	15"	SDR-26	-
SAS #3	SAS #4	1059.37	1060.08	141.5	0.50%	15"	SDR-26	-
SAS #4	SAS #5	1060.18	1061.68	299	0.50%	15"	SDR-26	-
SAS #5	SAS #6	1061.78	1063.64	373	0.50%	15"	SDR-26	-
SAS #6	SAS #7	1063.74	1067.21	173.5	2.00%	12"	SDR-26	-
SAS #7	SAS #8	1067.31	1071.02	185.5	2.00%	12"	SDR-26	-
SAS #8	SAS #9	1071.12	1076.31	260	2.00%	12"	SDR-26	-
SAS #9	SAS #10	1076.41	1081.95	236	2.35%	12"	SDR-26	-
SAS #10	SAS #11	1082.05	1084.94	115.5	2.50%	12"	SDR-26	-
SAS #11	EX SAS #1	1085.04	1093.50	239.5	3.53%	10"	SDR-26	-
MINERAL POINT RD								
* EX SAS #1455-001	SAS #100	1043.09	1044.44	90	1.50%	10"	SDR-26	-
* SAS #100	SAS #101	1044.54	1049.40	325	1.50%	10"	SDR-26	-
* SAS #101	SAS #102	1049.50	1054.78	352	1.50%	10"	SDR-26	-
* SAS #102	SAS #103	1054.88	1061.19	210	3.00%	10"	SDR-26	-
* SAS #103	SAS #104	1061.29	1067.65	212	3.00%	10"	SDR-26	-

SPECIFIC NOTES

- [1] CASTING SHALL BE SAS LOCKING FRAME & LOGO COVER PER S.D.D. 5.7.16A. NO ADJUSTMENT RINGS SHALL BE USED
- [2] INSTALL INTERNAL CHIMNEY SEAL IN ACCORDANCE WITH S.D.D. 5.7.17
- * [3] INSTALL EXTERNAL SEWER ACCESS STRUCTURE JOINT SEAL
- * [4] INSTALL EXTERNAL SEWER ACCESS STRUCTURE JOINT SEAL TO EXISTING STRUCTURE