

EXISTING SANITARY SEWER				ESS	
STRUCTURE NUMBER	STATION TO STATION	LOCATION	REMOVALS		
			2104	2104	2104
			REMOVE MANHOLE (SANITARY)	REMOVE SEWER PIPE (SANITARY)	REMOVE SEWER SERVICE PIPE (SANITARY)
	SAP 027-594-005		EACH	LIN FT	LIN FT
	101+72.51	66.65 L - 50.78 R		117	
	101+72.81 - 102+14.99	66.65 L - 12.46 L		70	
	102+14.99 - 105+23.40	12.46 L - 9.53 L		310	
EX-S302	105+23.40	9.53 L	1		
	105+23.40	9.53 L - 26.42 L		18	
	105+23.40 - 108+42.19	9.53 L -1 4.42 L		318	
	105+23.40 - 108+42.19	9.53 L - 14.42 L		318	
	105+23.40	9.53 L - 53.68 R		86	
	106+17.03	10.66 L - 26.79 L			20
	106+65.07	11.25 L - 26.92 L			17
	107+93.96	13.57 L - 27.91 L			17
	108+12.06	13.93 L - 28.13			15
	108+15.32	13.99 L - 12.50 R			32
EX-S304	108+42.19	14.52 L	1		
	108+42.19 - 111+74.15	14.52 L - 20.20 L		330	
	108+42.19	14.52 L - 37.57 R			52
	108+74.72	15.20 L - 28.77 L			14
	108+79.69	15.30 L - 13.59 R			29
	109+51.93	16.74 L - 10.36 R			27
	109+55.06	16.86 L - 29.48 L			18
	110+41.15	18.64 L - 30.36 L			16
	110+98.15	19.79 L - 31.02 L			11
	111+23.71	20.37 L - 31.26 L			11
	111+45.29	20.83 L - 31.46 L			11
EX-S305	111+74.15	20.20 L	1		
	111+74.15 - 114+19.45	20.20 L - 20.14 L		242	
	111+74.15 - 113+75.76	20.20 L - 18.26 L		198	
	113+75.76 - 114+33.62	18.26 L - 65.59 R		66	
	111+74.15	20.20 L - 19.39 R		40	
	112+25.84	22.92 L - 34.23 L			15
	112+35.91	22.78 L - 10.73 R			41
	112+96.43	21.91 L - 33.51 L			15
	113+32.24	21.40 L - 11.49 R			34
	113+34.21	21.37 L - 32.96 L			13
	113+67.20	20.89 L - 13.68 R			42
	113+98.93	20.42 L - 32.21 L			18



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ERIK HEDMAN, LICENSED PROFESSIONAL ENGINEER

57177

LICENSE NO.

6/17/2025

DATE

DESIGN BY: EH

CAD BY: AM/LB

CHECKED BY: JR

LAST REVISION: ----

UTILITY TABULATIONS

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

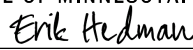
SHEET

WS1

WS26

EXISTING SANITARY SEWER					ESS
STRUCTURE NUMBER	STATION TO STATION	LOCATION	REMOVALS		
			2104	2104	2104
			REMOVE MANHOLE (SANITARY)	REMOVE SEWER PIPE (SANITARY)	REMOVE SEWER SERVICE PIPE (SANITARY)
	SAP 027-594-005		EACH	LIN FT	LIN FT
EX-S306	114+19.45	20.14 L	1		
	114+80.31	19.11 L - 30.88 L			16
	115+25.77	18.33 L - 30.11 L			13
	116+02.22	17.03 L - 29.37 L			14
	116+45.15	16.30 L - 28.86 L			13
	117+11.45	17.54 L - 30.69 L			13
EX-S307	114+19.45	36.88 R	1		
	114+19.45	20.14 L - 36.87 R		57	
	114+19.45	36.87 R - 63.27		39	
EX-S308	117+37.79	20.07 L	1		
	117+37.79 - 118+34.01	20.07 L - 22.23 R		105	
	117+37.79	20.07 L - 32.84 L		13	
EX-S309	118+34.01	22.23 R	1		
	118+34.01 - 119.84.40	22.23 R - 23.49 R		150	
	118+34.01	20.23 R - 38.03 R		16	
	118+34.01	20.23 R - 27.96 L		50	
	118+90.05	22.82 R - 9.90 L			36
	119+40.40	23.18 R - 37.92 R			15
	119+46.46	23.22 R - 9.67 L			33
EX-S310	119+84.40	23.49 R	1		
	119+84.40 - 121+43.29	23.49 R - 22.94 R		159	
	119+84.40	23.49 R - 27.80 R			14
	119+84.40	23.49 R - 23.99 L			48
	120+08.81	23.40 R - 37.68 R			22
	120+41.37	23.29 R - 37.60 R			19
	120+50.32	23.26 R - 10.65 L			38
	120+89.31	23.13 R - 37.46 R			17
	120+94.14	23.11 R - 2.58 L			42
	121+10.89	23.05 R - 2.64 L			41
	121+27.71	22.99 R - 2.69 L			41
EX-S311	121+43.29	22.94 R	1		
	121+43.29 - 124+43.51	22.94 R - 22.07 R		300	
	121+43.29	22.94 R - 37.33 R			14
	121+68.31	22.87 R - 7.17 L			33
	121+71.22	22.86 R - 37.22 R			17
	122+25.98	22.70 R - 2.48 L			39



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SHEET
WS2
WS26

EXISTING SANITARY SEWER					ESS
STRUCTURE NUMBER	STATION TO STATION	LOCATION	REMOVALS		
			2104	2104	2104
			REMOVE MANHOLE (SANITARY)	REMOVE SEWER PIPE (SANITARY)	REMOVE SEWER SERVICE PIPE (SANITARY)
	SAP 027-594-005		EACH	LIN FT	LIN FT
	122+29.76	22.69 R - 37.03 R			21
	122+77.91	22.55 R - 36.88 R			23
	123+01.83	22.49 R - 25.44 L			51
	123+37.16	22.38 R - 24.49 L			49
	123+53.78	22.45 R - 36.79 R			16
	124+24.88	22.12 R - 36.46 R			19
EX-S312	124+43.51	22.07 R	1		
	124+43.51 - 126+60.05	22.07 R - 15.61 R		213	
	124+97.82	22.09 R - 36.24 R			20
	125+15.58	22.10 R - 36.19 R			20
EX-S313	126+60.05	15.61 R	1		
	126+60.05 - 127+48.92	15.61 R - 4.25 R		89	
	127+48.92	4.25 R - 21.44 L		28	
EX-S314	128+00.43	24.31 R	1		
	128+00.43 - 131+58.93	24.31 R - 12.34 R		356	
	128+00.43	24.31 R - 38.07 R		18	
	128+00.43	24.31 R - 27.31 L		52	
	128+48.51	21.40 R - 36.62 R			20
	129+10.14	22.97 R - 38.10 R			22
	129+24.34	23.25 R - 1.28 R			29
	129+85.53	24.83 R - 39.83 R			21
	130+68.33	26.70 R - 5.35 L			36
EX-S315	131+58.93	12.34 R	1		
	131+58.93 - 134+64.37	12.34 R - 30.44 R		307	
	131+99.84	19.10 R - 24.74 L			46
	132+10.54	19.97 R - 35.37 R			17
	132+65.17	20.32 R - 6.18 L			35
	132+84.91	20.13 R - 34.72 R			22
	133+72.87	19.95 R - 6.16 L			38
	133+95.14	21.19 R - 36.34 R			18
EX-S316	134+64.37	30.44 R	1		
	134+64.37 - 136+47.47	30.44 R - 22.93 R		187	
	135+04.47	25.86 R - 38.89 R			24
	135+13.57	25.21 R - 0.25 L			37
	135+77.85	23.67 R - 38.26 R			17
	136+00.80	23.43 R - 38.18 R			16



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UTILITY TABULATIONS

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS3

WS26

EXISTING SANITARY SEWER					ESS
STRUCTURE NUMBER	STATION TO STATION	LOCATION	REMOVALS		
			2104	2104	2104
			REMOVE MANHOLE (SANITARY)	REMOVE SEWER PIPE (SANITARY)	REMOVE SEWER SERVICE PIPE (SANITARY)
	SAP 027-594-005		EACH	LIN FT	LIN FT
EX-S317	136+47.47	22.93 R	1		
	136+47.47	22.93 R		187	
SANITARY SEWER REMOVALS PROJECT TOTAL			15	4439	1623



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UTILITY TABULATIONS

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS4

WS26

EXISTING WATERMAIN					EWM
STATION TO STATION	LOCATION	REMOVALS			
		2104	2104	2104	2104
		REMOVE HYDRANT	REMOVE GATE VALVE	REMOVE WATER MAIN	REMOVE WATER SERVICE PIPE
SAP 027-594-005		EACH	EACH	LIN FT	LIN FT
100+45.80 - 101+68.13	55.51 R - 38.54 R			120	
101+62.86	39.18 R		1		
101+68.13	38.54 R - 64.08 R			26	
101+68.13	46.29 R		1		
101+68.13	38.54 R - 34.69 L			73	
101+68.13	34.69 L		1		
101+64.66 - 103.69.86	31.41 L - 1.99 R			212	
102+02.11	20.67 L		1		
102+77.52	5.90 L - 33.42 L				28
103+69.10	1.99 R - 24.57 L	1	1	27	
103+69.10 - 105+37.57	1.99 R - 0.85 R			168	
103+74.99	2.05 R - 46.94 R				45
105+11.26	0.22 R		1		
105+37.57	0.85 R - 26.60 L			29	
105+37.57	26.60 L		1		
105+37.57 - 105+40.33	0.85 R - 0.92 R			2.76	
105+40.33	0.92 R - 54.50 R			142	
105+40.33	40.14 R		1	44	
105+40.33 - 105+63.79	0.92 R - 1.48 R			23	
105+46.15	1.06 R		1		
105+63.79	1.48 R - 27.74 L	1		23	
105+63.79 - 111+11.32	1.48 R - 6.36 L			548	
106+30.31	2.82 R - 26.85 L				30
106+78.45	3.02 R - 26.96 L				30
107+62.22	2.47 R - 27.68 L				30
108+14.99	1.13 R - 37.78 R				37
108+27.94	0.54 28.32 L				29
108+62.22	0.03 R - 28.67 R				29
108+63.50	0.15 L - 37.30 R				37
108+94.31	0.87 L - 37.00 R				38
109+22.48	1.58 L - 36.72' R				38
109+73.57	2.88 L - 29.76 L				27
110+49.46	4.79 L - 30.53 L				26
110+81.85	5.64 L - 30.87 L				25
111+11.32	6.36 L - 27.64 L	1		21	
111+11.32 - 111+85.81	6.36 L - 7.91 L			74	



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Erik Hedman
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UTILITY TABULATIONS

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET
WS5
WS26

EXISTING WATERMAIN					EWM
STATION TO STATION	LOCATION	REMOVALS			
		2104	2104	2104	2104
		REMOVE HYDRANT	REMOVE GATE VALVE	REMOVE WATER MAIN	REMOVE WATER SERVICE PIPE
SAP 027-594-005		EACH	EACH	LIN FT	LIN FT
111+66.71	7.03 L		1		
111+58.15	7.24 L - 31.34 L				24
111+85.51	7.91 L - 34.85 R			43	
111+85.51	34.85 R		1		
111+85.51 - 114+00.37	7.91 L - 12.59 L			214	
111+87.98	8.13 L - 30.59 L				23
112+46.82	10.79 L - 34.01 L				23
112+75.80	11.12 L - 11.62 R				23
113+10.87	11.53 L - 11.20 R				23
113+52.28	12.02 L - 32.67 L				21
113+69.13	12.22 L - 31.52 R				44
114+00.37	12.59 L - 34.03 R	1	2	47	
114+00.37 - 116+79.99	12.59 L - 5.60 L			280	
114+08.41	12.37 L - 31.95 L				20
114+69.55	10.79 L - 31.17 L				20
115+38.30	8.95 L - 30.28 L				21
115+86.08	7.69 L - 29.67 L				22
116+65.46	5.64 L - 28.67 L				23
116+79.99	5.60 L - 27.51 L	1		20	
116+79.99 - 118+41.79	5.60 L - 4.01 L			168	
117+32.22	9.26 L - 32.17 L				23
117+46.28	11.06 L - 34.28 L				23
118+00.00	5.60 L - 29.88 L				24
118+18.67	4.57 L		1		
118+41.79	4.01 L - 38.18 R			42	
118+41.79	38.18 R		1		
118+41.79 - 122+10.82	5.60 L - 1.33 L			369	
118+47.22	3.93 L - 27.80 L				24
118+62.47	3.82 L		1		
118+74.07	3.73 L - 27.87 L				24
119+29.30	3.35 L - 37.97 R				41
119+31.62	3.32 L - 28.04L				25
119+59.87	3.32 L - 37.88 R				41
119+79.77	2.97 L - 28.18 L				25
119+96.37	2.86 L - 37.77 R				41
120+28.89	2.62 L - 28.33 L				26



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UTILITY TABULATIONS

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS6

WS26

EXISTING WATERMAIN					EWM
STATION TO STATION	LOCATION	REMOVALS			
		2104	2104	2104	2104
		REMOVE HYDRANT	REMOVE GATE VALVE	REMOVE WATER MAIN	REMOVE WATER SERVICE PIPE
SAP 027-594-005		EACH	EACH	LIN FT	LIN FT
120+79.35	2.26 L - 37.52 R				40
121+13.44	2.02 L - 28.58 L				27
122+03.26	1.38 L - 37.15 R				39
122+10.82	1.33 L - 34.34 R	1		36	
122+10.82 - 127+19.62	1.33 L - 7.78 L			510	
122+11.11	1.32 L - 28.87 L				27
122+21.79	1.25 L - 36.12 R				37
122+67.65	0.92 L - 29.03 L				28
122+75.60	0.86 L - 29.06 L				28
122+89.26	0.77 L - 29.10 L				28
123+16.26	0.59 L - 36.82 R				37
123+88.08	0.06 L - 29.35 L				33
123+90.97	0.04 L - 36.59 R				37
124+01.14	0.03 L - 36.56 R				37
124+08.72	0.09 R - 29.45 L				30
124+64.78	0.49 R - 36.38 R				36
125+10.45	0.81 R - 29.75 L				31
126+38.70	1.74 L - 31.72 R				34
127+05.63	6.67 R		1		
127+19.62	7.78 R - 65.24 L			89	
127+19.62	18.81 L		1		
127+19.62 - 129+74.71	7.78 R - 6.53 R			257	
127+33.62	8.90 R		1		
128+17.56	6.20 R				31
129+26.29	2.56 R - 27.91 L				33
129+57.99	6.14 R - 38.87 R				33
129+74.74	6.53 R - 38.13 R	1	1	32	
129+74.71 - 136+31.19	6.53 R - 8.22 R			659	
130.51.64	8.77 R - 40.99 R				32
132+64.66	9.02 R - 30.62 L				34
131+90.81	11.26 R - 32.83 R				22
132+33.45	13.36 R - 30.44 L				44
133+02.41	11.90 R - 31.30 L				43
133+24.60	11.42 R - 34.43 R				23
133+68.65	10.94 R - 31.61 L				43
134+33.94	15.59 R - 39.56 R				24



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SHEET

WS7
WS26

EXISTING WATERMAIN					EWM
STATION TO STATION	LOCATION	REMOVALS			
		2104	2104	2104	2104
		REMOVE HYDRANT	REMOVE GATE VALVE	REMOVE WATER MAIN	REMOVE WATER SERVICE PIPE
SAP 027-594-005		EACH	EACH	LIN FT	LIN FT
134+67.78	14.15 R - 43.26 R				30
136+07.60	8.36 R - 38.13 R				33
136+31.19	8.22 R - 26.53 R			18	
136+31.19	26.53 R - 41.08 R	1	1	15	
136+30.95 - 136+47.81	26.53 R - 26.75 R			17	
136+47.81	26.75 R		1		
WATERMAIN REMOVALS PROJECT TOTAL		8	22	4348.76	2007



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SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS8

WS26

PROPOSED SANITARY SEWER														PSS
STRUCTURE NUMBER	STATION TO STATION	LOCATION	INSTALL											
			2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2506	2503
			CONNECT TO EXISTING MANHOLES (SAN)	CONNECT TO EXISTING SANITARY SEWER	18" PVC PIPE SEWER	8"X4" PVC WYE	8" PVC PIPE SEWER	6" PVC PIPE SEWER	4" PVC PIPE SEWER	4" PVC SANITARY SERVICE PIPE	6" FORCE MAIN	CLEAN AND VIDEO PIPE SEWER	CONSTRUCT DRAINAGE STRUCTURE DESIGN 4007	PIPE FITTINGS
	SAP 027-594-005		EACH	EACH	LIN FT	EACH	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	LBS
S1	101+82.55	22.84 R											1	
	101+82.55	66.65 L - 22.84 R	1	1	90						39	90		
	101+82.55 - 103+08.58	22.84 R - 17.95 R									121			
	103+08.58 - 106+25.33	17.95 R - 15.10 R									314			
	105+17.95 - 108+40.89	26.42 L - 14.5 R					353					353		
S2-DROP	105+31.14	14.5 R											1	89
	105+31.14	14.5 R - 26.42 L		1										
	105+31.14 - 105+88.15	14.5 R - 61.06 R					74					74		
S3	105+81.38	53.86 R											1	
S29	106+25.33	15.10 R											1	
	106+25.33 - 111+72.40	15.10 R - 8.51 R									548			
	106+59.82	11.22 R - 26.92 R				1				38				
	107+86.55	7.30 R - 27.91 L				1				35				
	107+90.37	7.17 R - 37.96 R				1				31				
	108+08.50	6.57 R - 28.13 L				1				35				
S4	108+40.89	5.50 R											1	
	108+40.89 - 114+44.25	5.50 R - 65.86 R					963					963		
	108+40.89	5.50 R - 37.56 R		1										
	108+72.05	5.40 R - 28.76 L				1				34				
	108+76.15	5.38 R - 37.19 R				1				32				
	109.42.46	5.16 R - 29.48 L				1				35				
	109+47.47	5.14 R - 26.38 R				1				21				
	110+30.72	4.86 R - 30.36 L				1				35				
	110+96.88	4.63 R - 31.02 L				1				36				
	111+21.39	4.55 R - 31.26 L				1				36				
	111+41.05	4.48 R - 31.46 L				1				36				
S5	111+72.32	5.60 R											1	
	111+72.32	5.50 R - 19.39 R		1										
	111+72.40 - 113+93.72	8.51 R - 7.77 R									222			
	111+97.45	3.12 R - 32.46 R				1				29				
	112+15.77	2.40 R - 34.23 L				1				37				
	112+86.08	3.23 R - 33.51 L				1				37				
	113+18.73	3.70 R - 32.90 R				1				29				
	113+28.74	3.84 R - 32.96 R				1				37				
	113+30.35	3.86 R - 33.05 R				1				29				
	113+93.72	7.77 R												



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Erik Hedman
ERIK HEDMAN, LICENSED PROFESSIONAL ENGINEER

57177 6/17/2025
LICENSE NO. DATE

DESIGN BY: EH
CAD BY: AM/LB
CHECKED BY: JR
LAST REVISION: ----

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS9
WS26

PROPOSED SANITARY SEWER														PSS
STRUCTURE NUMBER	STATION TO STATION	LOCATION	INSTALL											
			2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2506	2503
			CONNECT TO EXISTING MANHOLES (SAN)	CONNECT TO EXISTING SANITARY SEWER	18" PVC PIPE SEWER	8"X4" PVC WYE	8" PVC PIPE SEWER	6" PVC PIPE SEWER	4" PVC PIPE SEWER	4" PVC SANITARY SERVICE PIPE	6" FORCE MAIN	CLEAN AND VIDEO PIPE SEWER	CONSTRUCT DRAINAGE STRUCTURE DESIGN 4007	PIPE FITTINGS
	SAP 027-594-005		EACH	EACH	LIN FT	EACH	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	LBS
	113+93.72 - 114+33.62	7.77 R - 65.59 R	1								70			
S6	114+44.25	5.50 R											1	
	114+44.25	5.50 R - 65.86 R	1											
	114+90.25	6.41 R - 30.88 L				1				37				
	115+28.69	7.17 R - 30.38 L				1				38				
	116+07.10	8.72 R - 29.37 L				1				38				
	116+46.87	9.51 R - 28.86 L				1				38				
	117+17.26	8.06 R - 30.69 L				1				39				
S7	117+43.18	9.39 R											1	
	117+43.18	5.50 R - 32.84 L						39				39		
	117+43.18 - 118+34.52	27.96 L - 5.50 R					123					123		
	118+33.50 - 118+34.52	5.50 R - 38.03 R					33					33		
S8	118+34.52	5.50 R											1	
S9	118+34.01	22.23 R											1	
	118+54.52 - 121+61.19	5.50 R - 5.50 R					327					327		
	118+54.52	5.50 R - 27.96 L		1										
	118+54.52	5.50 R - 38.03 R		1										
	118+82.55	5.65 R - 27.98 L				1				32				
	119+12.85	5.65 R - 27.98 L				1				34				
	119+45.15	5.63 R - 37.92 R				1				32				
	119+54.82	5.62 R - 28.11 L				1				34				
	119+85.22	5.60 R - 37.80 R				1				32				
	119+88.47	5.60 R - 28.21 L				1				34				
	120+25.82	5.58 R - 37.68 R				1				32				
	120+53.34	5.56 R - 37.60 R				1				32				
	120+74.98	5.55 R - 28.46 L				1				34				
	120+98.93	5.54 R - 37.46 R				1				32				
	121+44.34	5.51 R - 37.33 R				1				32				
	121+59.86	5.50 R - 28.72 L				1				34				
S10	121+61.19	5.50 R											1	
	121+61.19 - 123+96.85	5.50 R - 5.50 R					472					472		
	121+76.61	5.50 R - 28.77 L				1				34				
	121+80.43	5.50 R - 37.22 R				1				32				
	121+93.59	5.50 R - 28.82 L				1				34				
	122+44.78	5.50 R - 37.03 R				1				32				
	122+86.30	5.50 R - 29.06 L				1				35				



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Erik Hedman

ERIK HEDMAN, LICENSED PROFESSIONAL ENGINEER

57177

LICENSE NO.

6/17/2025

DATE

DESIGN BY:

EH

CAD BY:

AM/LB

CHECKED BY:

JR

LAST REVISION:

UTILITY TABULATIONS

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS10

WS26

PROPOSED SANITARY SEWER														PSS
STRUCTURE NUMBER	STATION TO STATION	LOCATION	INSTALL											
			2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2506	2503
			CONNECT TO EXISTING MANHOLES (SAN)	CONNECT TO EXISTING SANITARY SEWER	18" PVC PIPE SEWER	8"X4" PVC WYE	8" PVC PIPE SEWER	6" PVC PIPE SEWER	4" PVC PIPE SEWER	4" PVC SANITARY SERVICE PIPE	6" FORCE MAIN	CLEAN AND VIDEO PIPE SEWER	CONSTRUCT DRAINAGE STRUCTURE DESIGN 4007	PIPE FITTINGS
	SAP 027-594-005		EACH	EACH	LIN FT	EACH	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	LBS
	122+96.16	5.50 R - 36.88 R				1				32				
	123+19.31	5.50 R - 29.19 L				1				35				
	123+53.96	5.50 R - 29.29 L				1				35				
	123+62.05	5.50 R - 36.68 R				1				31				
S11	123+96.85	5.50 R											1	
	124+38.35	5.98 R - 36.46 R				1				30				
	125+12.47	6.85 R - 36.24 R				1				29				
	125+30.17	7.05 R - 36.19 R				1				29				
S12	126+33.36	5.50 R											1	
	126+33.36 - 127+48.40	5.50 R - 2.50 R									114			
	127+48.40	5.50 R - 21.43 L		1							29			
	127+92.01 - 128+01.76	5.50 R - 34.31 R							30			30		
	127+92.01 - 128+04.40	27.31 L - 34.31 R					34					34		
	127+92.01	34.31 R - 38.07 R		1					5			5		
S13-DROP	128+01.76	5.50 R											1	89
	128+01.76 - 136+07.60	5.50 R - 5.50 R					802					802		
	128+01.76	5.50 R - 27.31 L		1			32					32		
	128+61.98	2.96 R - 36.62 R				1				34				
S14	130+98.31	5.50 R											1	
	130+98.31	5.50 R - 29.85 L				1				32				
S15	131+89.74	5.50 R											1	
S16	133+78.85	5.50 R											1	
	133+78.85 - 136+07.60	5.50 R - 5.50 R					14					14		
S17	136+07.60	5.50 R - 38.18 R				1				33			1	
SANITARY SEWER PROJECT TOTAL			3	9	90	50	3227	39	35	1673	1457	3391	18	178



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Erik Hedman
ERIK HEDMAN, LICENSED PROFESSIONAL ENGINEER

57177 6/17/2025
LICENSE NO. DATE

DESIGN BY: EH
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LAST REVISION: ----

UTILITY TABULATIONS

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS11
WS26

PROPOSED WATERMAIN														PWM
STATION TO STATION	LOCATION	INSTALL												
		2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504
		WATERMAIN 6"	WATERMAIN 8"	HYDRANT	GATE VALVE 6"	GATE VALVE 8"	1" CORPORATION STOP	1" CURB STOP & BOX	1.5" CORPORATION STOP	1.5" CURB STOP & BOX	CONNECT TO EXISTING WATER MAIN	1" TYPE K COPPER PIPE	1.5" TYPE K COPPER PIPE	FITTINGS
SAP 027-594-005		LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LIN FT	LIN FT	LBS
100+45.80 - 101+61.53	10.14 R - 55.51 R		141								1			
100+45.80	55.51 R					1								
100+47.58	34.68 R													51
101+72.33	65.62 R										1			
100+73.17	12.87 R													51
101+61.53	10.14 R					1								
101+61.53 - 101+71.63	10.14 R		10											
101+64.66 - 101+66.34	31.42 L		44			1					1			
101+66.59	9.58 R													86
101+66.59 - 101+70.08	9.58 R - 64.07 R		55											
101+69.87	61.08 R					1								
101+71.63	8.98 R					1								
101+71.63 - 105+31.89	8.47 L - 164.08 R		363											
102+30.21	1.35 L													43
103+04.96	8.47 L - 164.08 R													44
103+67.88	2.49 L													89
103+67.88 - 103+68.77	2.48 L - 25.77 L	23		1	1									
105+31.89	1.12 L					1								
105+27.85 - 105+36.89	1.08 L - 26.60 L		27			1					1			
105+31.89 - 105+71.72	1.35 L - 1.08 L		40											
105+36.89	1.09 L													89
105+54.34 - 105+54.55	1.22 L - 28.43 L	27		1	1									
105+54.55	1.22 L													89
105+61.72 - 105+70.35	1.31 L - 58.34 R		61											
105+66.72	1.31 L													89
105+70.35	58.34 R					1					1			
105+71.72	1.35 L					1								
105+71.72 - 111+82.21	1.35 L - 13.59 R		627											
106+78.43	26.96 L						1	1				25		
107+61.97	27.68 L						1	1				24		
108+16.89	37.78 R						1	1				49		
108+64.61	36.30 R						1	1				42		
108+94.88	37.00 R						1	1				42		
109+23.30	36.72 R						1	1				41		
109+71.12	29.76 L						1	1				25		
110+48.44	30.54 L						1	1				25		



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CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS12
WS26

PROPOSED WATERMAIN														PWM
STATION TO STATION	LOCATION	INSTALL												
		2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504
		WATERMAIN 6"	WATERMAIN 8"	HYDRANT	GATE VALVE 6"	GATE VALVE 8"	1" CORPORATION STOP	1" CURB STOP & BOX	1.5" CORPORATION STOP	1.5" CURB STOP & BOX	CONNECT TO EXISTING WATER MAIN	1" TYPE K COPPER PIPE	1.5" TYPE K COPPER PIPE	FITTINGS
SAP 027-594-005		LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LIN FT	LIN FT	LBS
110+81.85	30.87 L						1	1				26		
111+09.82 - 111+09.89	5.41 L - 27.64 L	22		1	1									
111+09.89	5.41 L													89
111+57.92	30.34 L						1	1				26		
111+72.04	4.54 L													43
111+76.15	5.03 L					1								
111+79.00 - 111+82.21	13.59 R - 34.85 R		22			1								
111+80.27	5.48 L													89
111+80.28 - 118+52.83	7.28 L - 0.21 L		677			1				1				
111+82.21	13.59 R - 34.85 R													44
111+85.32	5.98 L					1								
111+87.22	32.85 L						1	1				27		
112+47.66	24.02 L						1	1				27		
112+75.04	31.34 R						1	1				43		
113+51.75	32.67 L						1	1				27		
113+71.06	33.58 R						1	1				39		
113+91.67 - 113+92.15	5.25 L - 33.92 R	34		1	1									
113+92.15	5.25 L													89
114+07.72	30.95 L								1	1			27	
114+68.76	31.17 L						1	1				27		
115+37.49	30.28 L						1	1				28		
115+85.14	26.67 L						1	1				28		
116+64.82	27.67 L						1	1				29		
116+79.74	0.21 L - 23.46 R	23		1	1									89
117+29.53	32.17 L						1	1				29		
117+42.95	4.55 L													43
117+46.18	34.28 L						1	1				30		
117+99.21	29.88 L						1	1				27		
118+42.63	43.18 R					1								
118+47.36	27.80 L						1	1				23		
118+52.19	29.02 R													89
118+52.83	4.32 L					1								
118+42.54 - 118+52.19	29.02 R - 38.18 R		13							1				
118+42.83 - 118+62.83	4.32 L - 43.18 R		10											
118+52.19 - 118+57.85	23.36 R - 29.02 R		8											
118+57.83 - 118+62.83	4.32 L - 23.35 R		33											89



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CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS13
WS26

PROPOSED WATERMAIN														PWM
STATION TO STATION	LOCATION	INSTALL												
		2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504
		WATERMAIN 6"	WATERMAIN 8"	HYDRANT	GATE VALVE 6"	GATE VALVE 8"	1" CORPORATION STOP	1" CURB STOP & BOX	1.5" CORPORATION STOP	1.5" CURB STOP & BOX	CONNECT TO EXISTING WATER MAIN	1" TYPE K COPPER PIPE	1.5" TYPE K COPPER PIPE	FITTINGS
SAP 027-594-005		LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LIN FT	LIN FT	LBS
118+57.85	23.36 R - 29.02 R													51
118+52.19 - 118+58.25	29.02 R - 34.24 R	8		1	1									
118+62.83 - 127+44.70	23.71 L - 4.33 L		905											
118+62.83	4.32 L					1								
118+67.83	4.33 L			1	1									89
118+73.43	27.87 L						1	1				25		
119+29.72	37.97 R						1	1				42		
119+31.31	28.04 L						1	1				24		
119+59.67	38.87 R						1	1				42		
119+79.57	28.18 L						1	1				23		
119+97.11	36.77 R						1	1				48		
120+28.42	28.33 L						1	1				24		
120+80.08	37.52 R						1	1				42		
121+12.85	28.58 L						1	1				24		
122+03.96	37.15 R						1	1				42		
122+10.49	28.87 L						1	1				24		
122+21.09	37.10 R						1	1				42		
122+67.06	29.03 L						1	1				25		
122+75.43	29.06 L						1	1				25		
122+89.46	29.10 L						1	1				25		
123+17.44	36.82 R						1	1				41		
123+73.54	29.33 L						1	1				25		
123+92.43	36.60 R						1	1				41		
124+00.23	4.46 L - 23.00 L	19		1	1									
124+03.27	36.56 R						1	1				41		
124+07.22	29.45 L						1	1				25		
124+66.08	36.38 R						1	1				40		
125+09.30	29.75 L						1	1				27		
126+33.27	4.55 L													43
126+46.11	31.72 R						1	1				35		
127+39.70	4.45 L					1								
127+44.26	23.16 L													44
127+44.26 - 136+29.09	65.24 L - 1.89 L		965											
127+44.58	1.89 L					1								
127+44.70	4.57 L													89
127+49.70	4.69 L					1								



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57177 6/17/2025
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LAST REVISION: ----

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS14
WS26

PROPOSED WATERMAIN														PWM
STATION TO STATION	LOCATION	INSTALL												
		2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504
		WATERMAIN 6"	WATERMAIN 8"	HYDRANT	GATE VALVE 6"	GATE VALVE 8"	1" CORPORATION STOP	1" CURB STOP & BOX	1.5" CORPORATION STOP	1.5" CURB STOP & BOX	CONNECT TO EXISTING WATER MAIN	1" TYPE K COPPER PIPE	1.5" TYPE K COPPER PIPE	FITTINGS
SAP 027-594-005		LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LIN FT	LIN FT	LBS
127+61.90	65.24 L					1					1			
127+80.84	5.22 L - 30.90 R	31		1	1									89
128+01.47	4.45 L													43
128+20.60	37.49 R						1	1				44		
129+76.83 - 129+77.29	4.37 L - 23.71 L	14		1	1									89
130+57.41	24.88 L						1	1				22		
130+98.48	4.59 L													44
131+89.61	4.60 L													43
133+78.15	4.53 L													43
135+82.70 - 135+81.24	6.99 L - 35.16 R	32		1	1									89
136+22.36	38.13 R						1	1				44		
136+29.09 - 136+47.84	1.89 L - 26.75 R	42												
136+25.49	5.50 L													51
136+29.09	1.90 L													51
136+29.22	21.51 R													51
136+44.25	26.70 R					1								
136+50.30	26.70 R									1				
WATERMAIN PROJECT TOTAL		275	4001	11	11	21	49	49	1	1	8	1571	27	2204



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Erik Hedman

ERIK HEDMAN, LICENSED PROFESSIONAL ENGINEER

57177

LICENSE NO.

6/17/2025

DATE

DESIGN BY: EH

CAD BY: AM/LB

CHECKED BY: JR

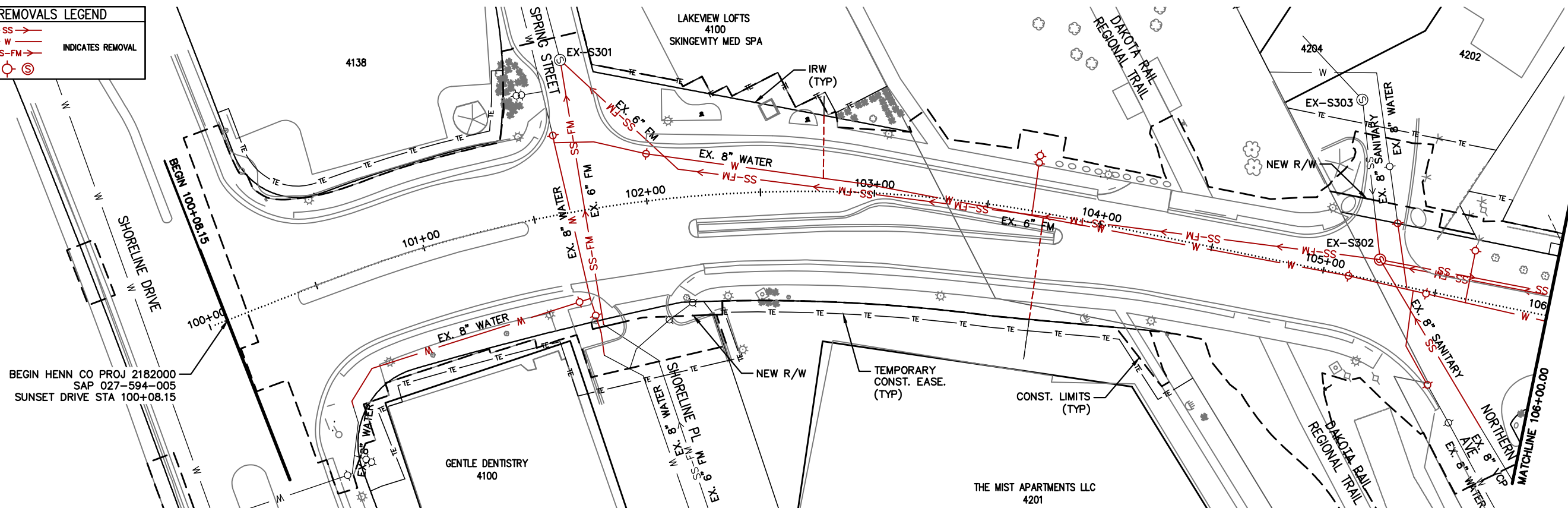
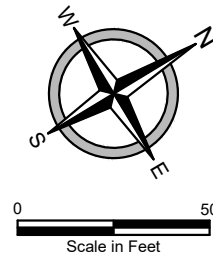
LAST REVISION: ----

UTILITY TABULATIONS

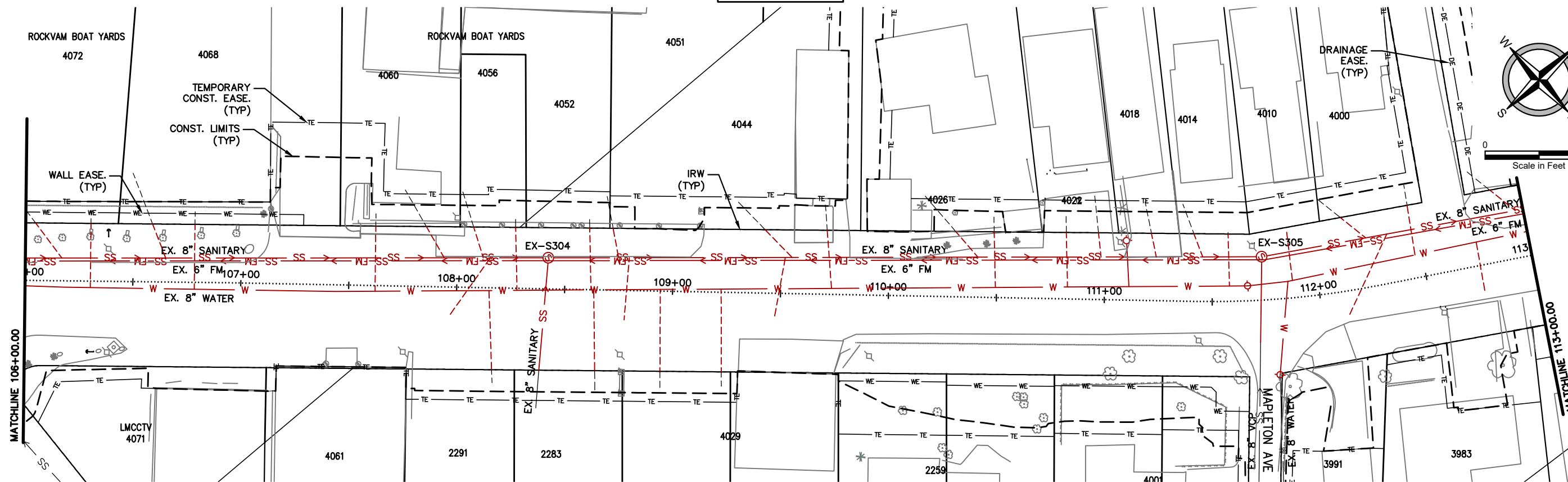
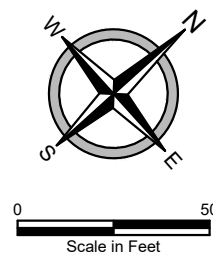
CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS15
WS26



SUNSET DRIVE



Erik Hedman

57177

6/17/2025

LICENSE NO.

DATE _____

EH

AM/LB

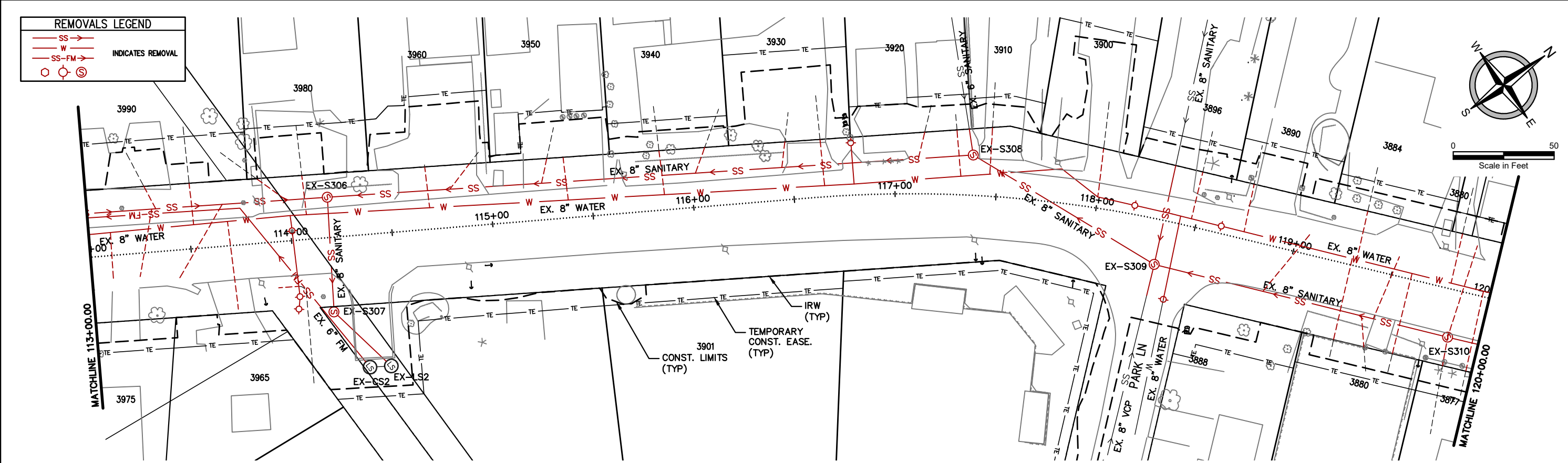
JR

■■■■

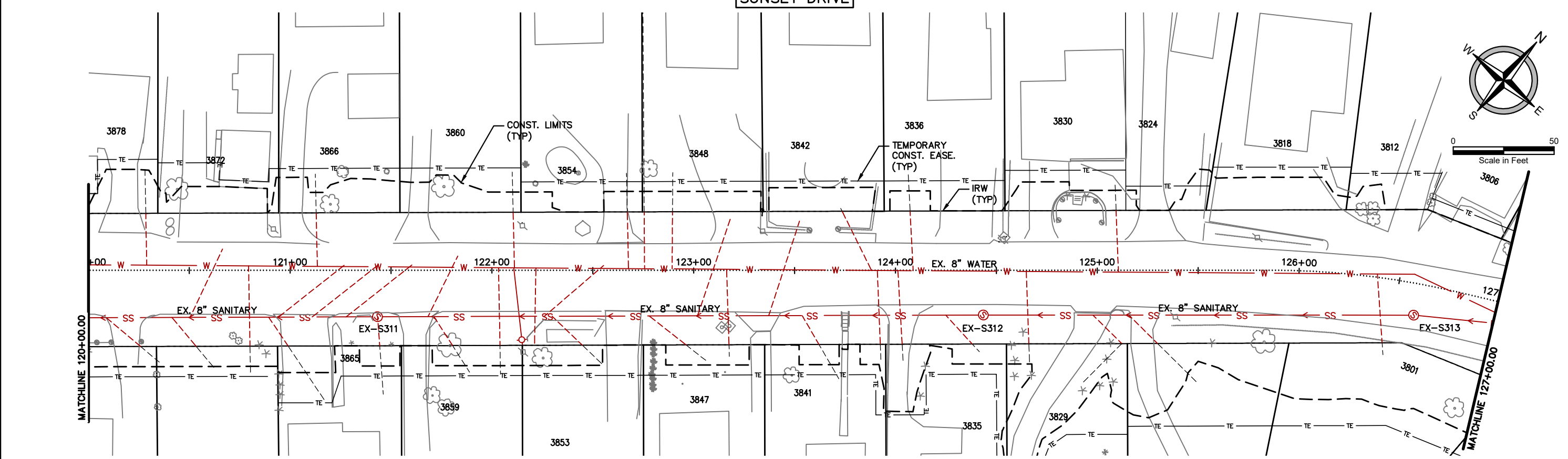
CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

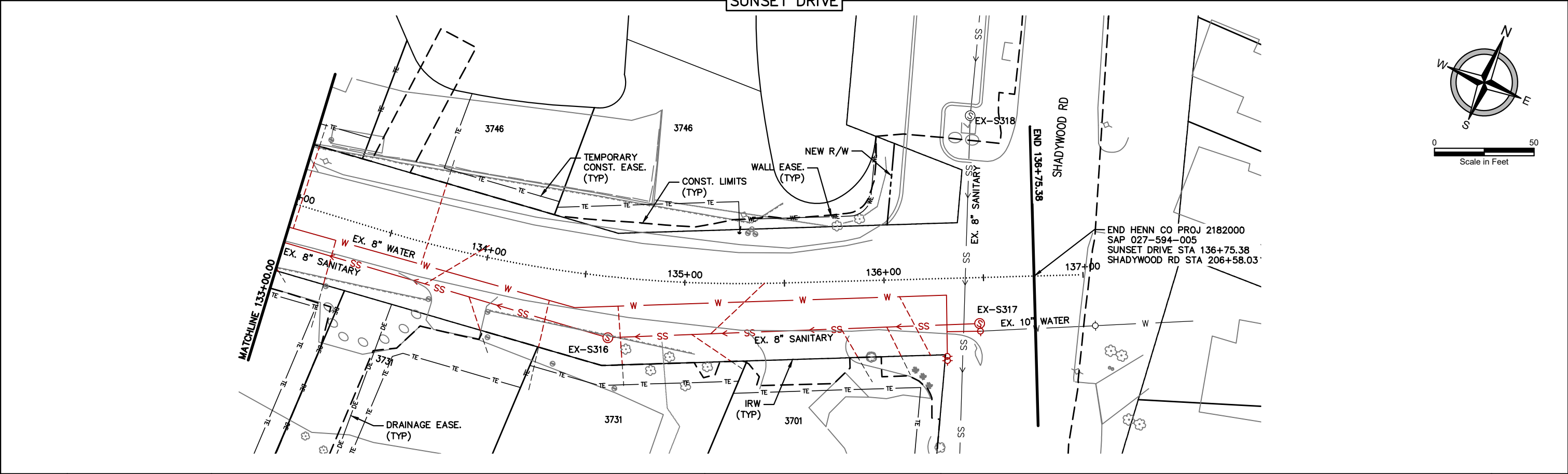
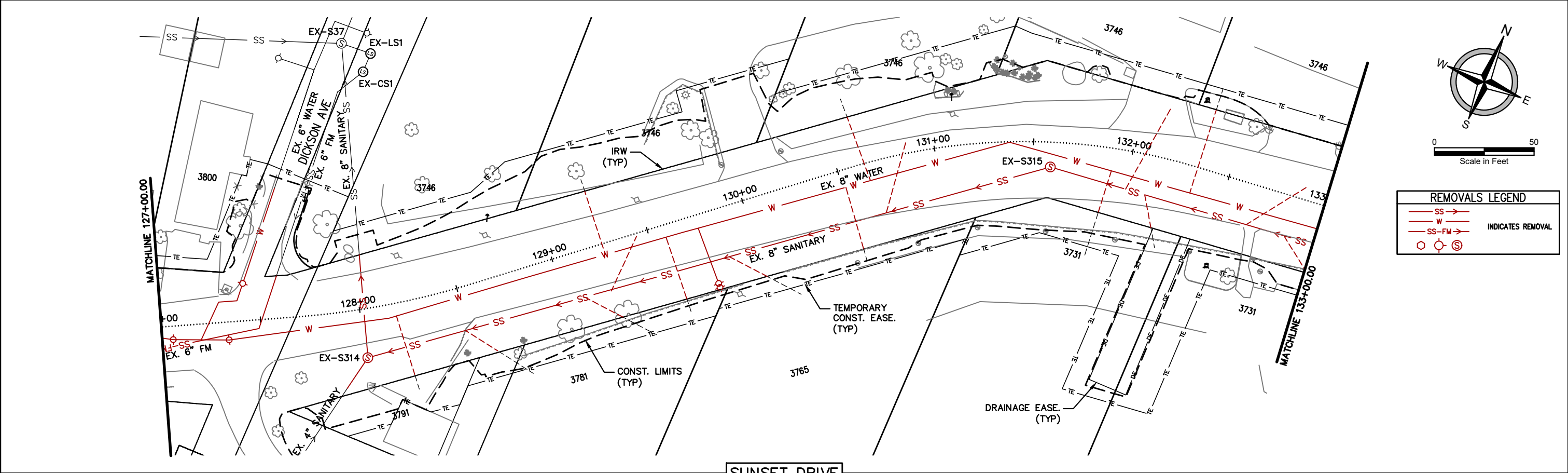
WS16

WS26



SUNSET DRIVE





 	I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA. <i>Erik Hedman</i> ERIK HEDMAN, LICENSED PROFESSIONAL ENGINEER		57177	6/17/2025	DESIGN BY: EH CAD BY: AM/LB CHECKED BY: JR LAST REVISION: ----	CITY SANITARY AND WATER REMOVAL PLAN	SHEET
			LICENSE NO.	DATE		CSAH 51 / HENNEPIN COUNTY PROJECT 2182000 SAP 027-651-001, SAP 027-619-029, SAP 027-549-005	WS18 WS26

EXISTING SANITARY STRUCTURE SCHEDULE				
NO.	TYPE	RIM	INVERTS	LOCATION
EX-CS1	48" DIA	934.75	SW INV. 926.21 – Out N INV. 925.50 – In	SUNSET DRIVE STA: 128+28.36 117.0L N 154782.5475 E 438757.3285
EX-CS2	72" DIA	932.10	W INV. 924.00 – Out NE INV. 924.00 – In	SUNSET DRIVE STA: 114+33.62 65.6R N 153710.4917 E 437878.9796
EX-LS1	48" DIA	933.40	W INV. 921.03 – In S INV. 925.50 – Out	SUNSET DRIVE STA: 128+36.60 125.0L N 154792.4268 E 438757.1361
EX-LS2	72" DIA	932.30	W INV. 921.08 – In SW INV. 924.00 – Out	SUNSET DRIVE STA: 114+44.18 65.9R N 153719.4073 E 437884.6488
EX-S37	48" DIA	933.67	E INV. 920.31 – Out W INV. 924.13 – In SE INV. 921.31 – In N INV. 921.31 – In	SUNSET DRIVE STA: 128+17.28 133.2L N 154791.3443 E 438741.7708
EX-S301	48" DIA	950.61	E INV. 943.43 – In W INV. 940.03 – Out E INV. 943.43 – In	SUNSET DRIVE STA: 101+72.81 66.6L N 152792.3370 E 436974.0740
EX-S302	48" DIA	947.15	NW INV. 930.86 – In E INV. 930.86 – In NE INV. 930.86 – Out	SUNSET DRIVE STA: 105+23.40 9.5L N 153054.5340 E 437235.2210
EX-S303	48" DIA	945.75	SE INV. 931.27 – Out W INV. 931.27 – In	SUNSET DRIVE STA: 105+01.80 76.6L N 153084.2460 E 437171.3480
EX-S304	48" DIA	936.59	SE INV. 928.10 – In SW INV. 925.85 – In NE INV. 925.85 – Out	SUNSET DRIVE STA: 108+42.19 14.5L N 153291.1470 E 437449.0590
EX-S305	48" DIA	935.36	SW INV. 924.72 – In SE INV. 925.02 – In NE INV. 924.72 – Out	SUNSET DRIVE STA: 111+74.15 20.2L N 153536.5030 E 437670.3400
EX-S306	48" DIA	931.12	SW INV. 923.40 – In SE INV. 922.25 – Out NE INV. 922.40 – In	SUNSET DRIVE STA: 114+19.45 20.1L N 153742.5080 E 437798.1950
EX-S307	48" DIA	932.75	E INV. 920.92 – Out NW INV. 921.87 – In	SUNSET DRIVE STA: 114+18.11 36.9R N 153711.9910 E 437846.3800

EXISTING SANITARY STRUCTURE SCHEDULE				
NO.	TYPE	RIM	INVERTS	LOCATION
EX-S308	48" DIA	935.07	NW INV. 926.03 – In SW INV. 923.68 – Out NE INV. 923.73 – In	SUNSET DRIVE STA: 117+37.79 20.1L N 154014.6350 E 437968.0810
EX-S309	48" DIA	936.89	NW INV. 924.10 – In SW INV. 924.05 – Out NE INV. 924.10 – In SE INV. 925.45 – In	SUNSET DRIVE STA: 118+34.01 22.2R N 154055.7790 E 438064.4690
EX-S310	48" DIA	940.59	SW INV. 924.38 – Out NE INV. 928.98 – In	SUNSET DRIVE STA: 119+84.40 23.5R N 154152.7470 E 438178.6520
EX-S311	48" DIA	946.03	SW INV. 935.16 – Out NE INV. 935.21 – In	SUNSET DRIVE STA: 121+43.29 22.9R N 154256.8610 E 438298.6794
EX-S312	48" DIA	952.31	SW INV. 936.46 – Out NE INV. 936.46 – In	SUNSET DRIVE STA: 124+43.51 22.1R N 154453.4660 E 438525.5750
EX-S313	48" DIA	948.10	NE INV. 940.00 – In SW INV. 937.54 – Out	SUNSET DRIVE STA: 126+60.05 15.6R N 154592.5840 E 438687.2000
EX-S314	48" DIA	944.25	NE INV. 923.72 – In NW INV. 923.72 – Out S INV. 939.72 – In	SUNSET DRIVE STA: 128+00.43 24.3R N 154651.7260 E 438815.9950
EX-S315	48" DIA	936.85	E INV. 924.82 – In SW INV. 924.72 – Out	SUNSET DRIVE STA: 131+58.93 12.3R N 154874.5880 E 439093.2550
EX-S316	48" DIA	936.26	NE INV. 925.87 – In W INV. 925.77 – Out	SUNSET DRIVE STA: 134+64.37 30.4R N 154910.9540 E 439397.8050
EX-S317	48" DIA	938.46	SW INV. 926.68 – Out	SUNSET DRIVE STA: 136+47.47 22.9R N 154991.0565 E 439566.6002
EX-S318	48" DIA	938.49	N INV. 937.31 – In S INV. 936.95 – Out	SUNSET DRIVE STA: 136+45.59 81.3L N 155084.9210 E 439521.1970



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ERIK HEDMAN, LICENSED PROFESSIONAL ENGINEER

57177

LICENSE NO.

6/17/2025

DATE

DESIGN BY: EH

CAD BY: AM/LB

CHECKED BY: JR

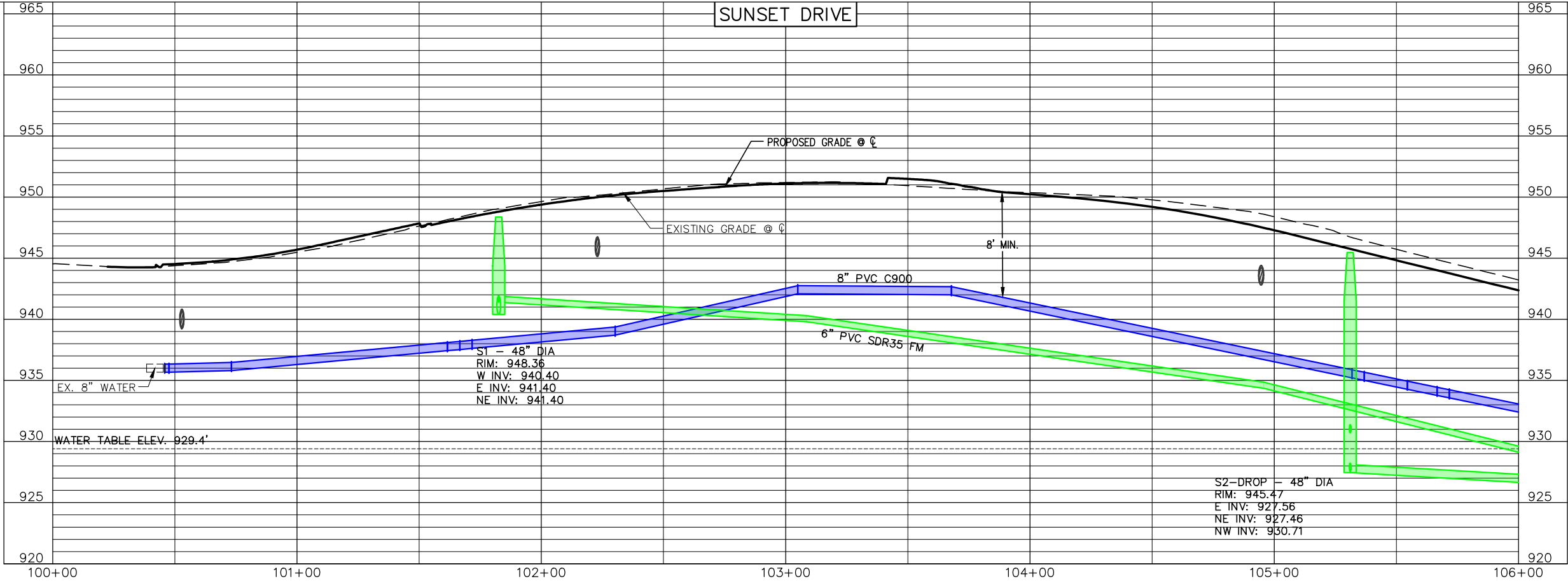
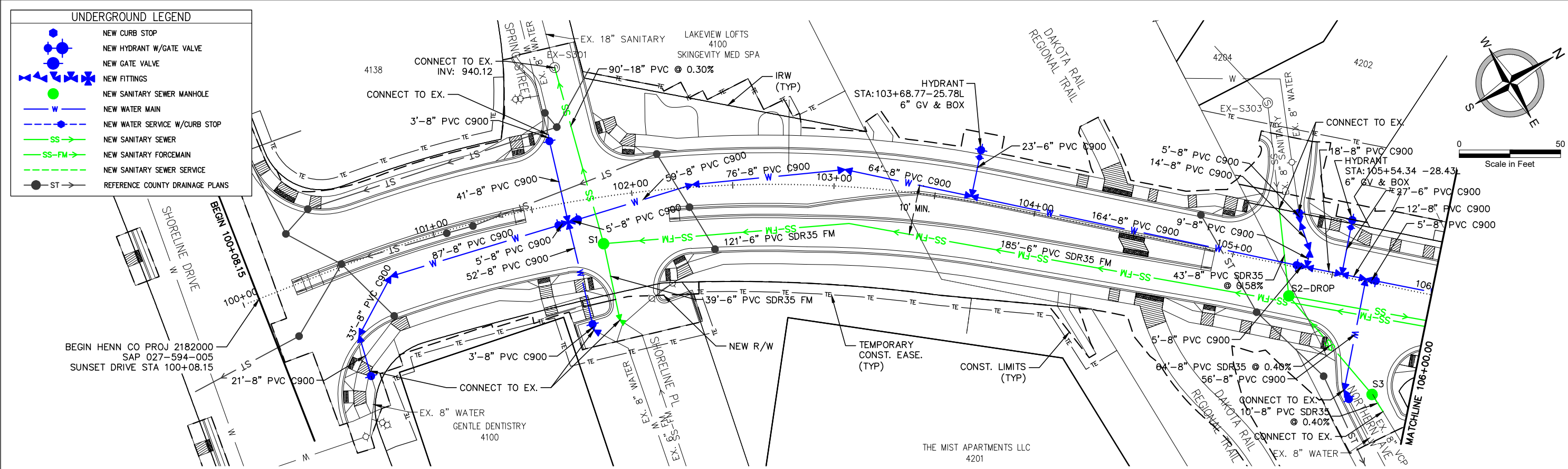
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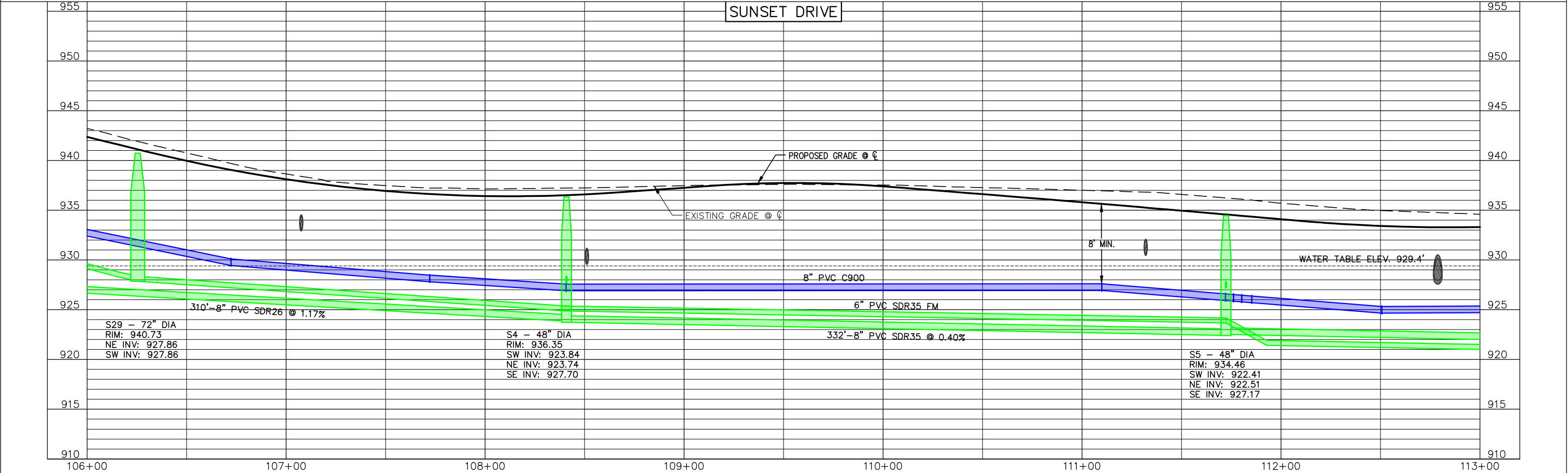
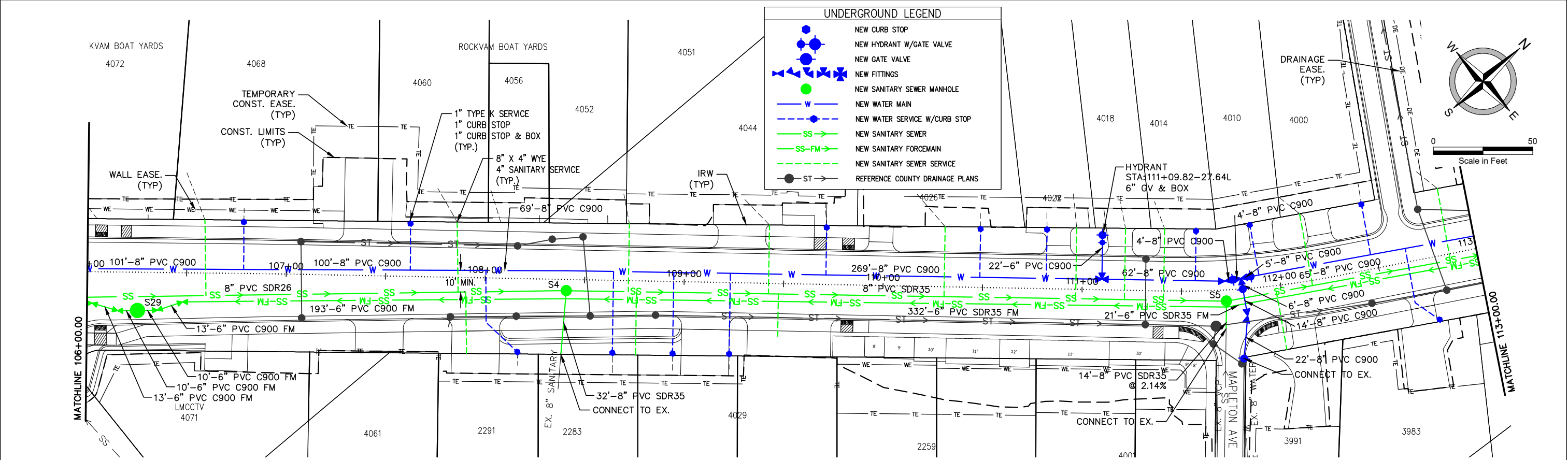
EXISTING SANITARY SEWER STRUCTURE TABLE

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

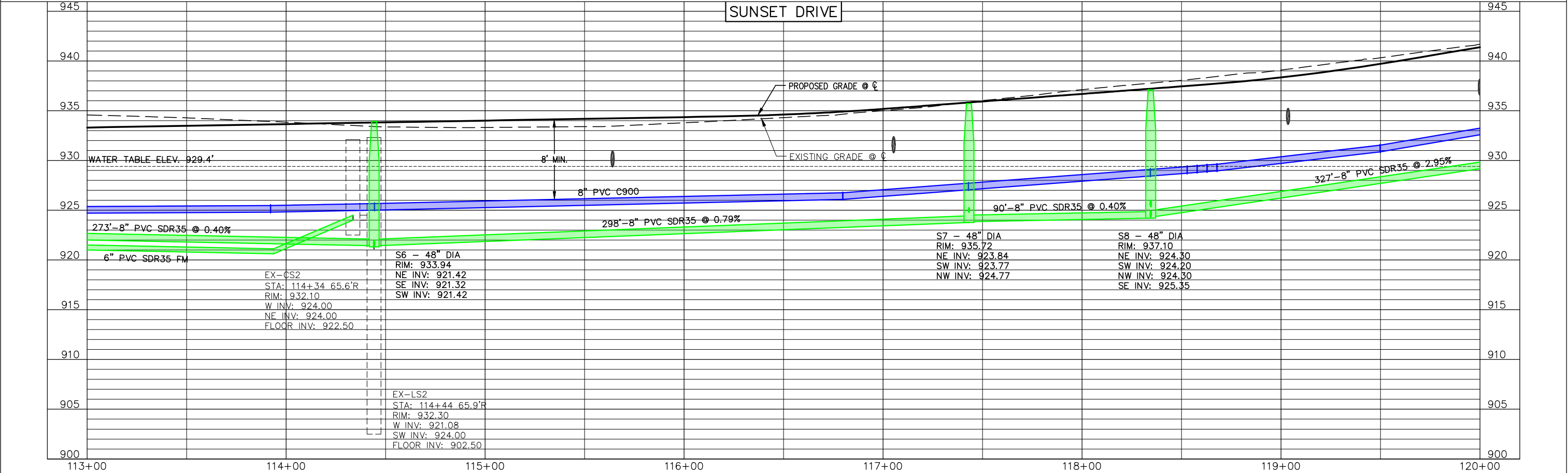
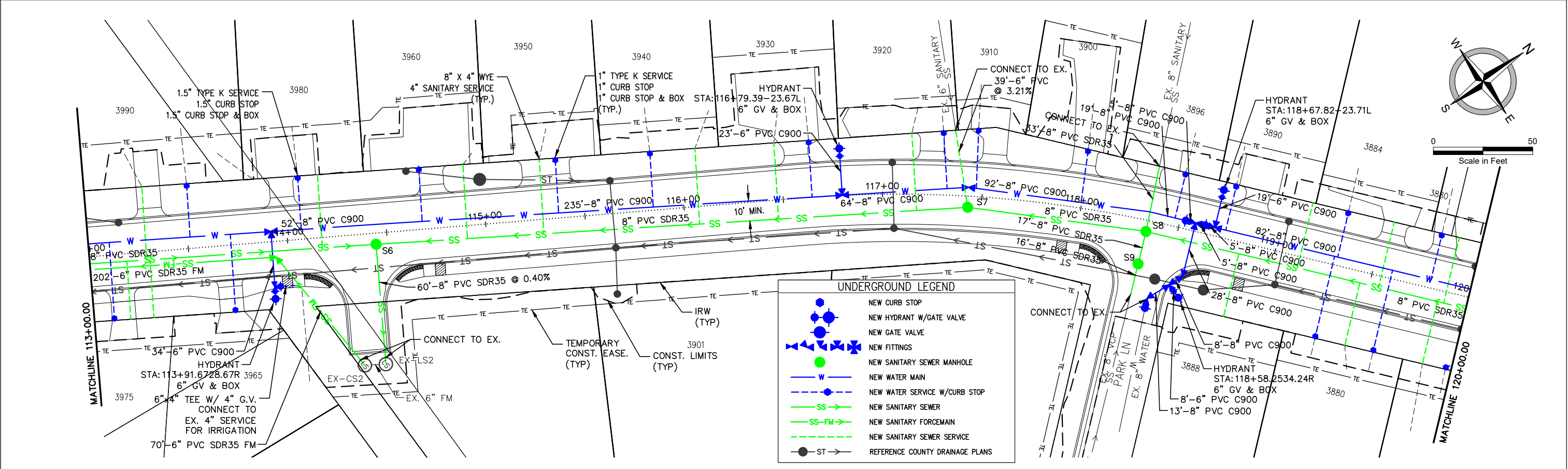
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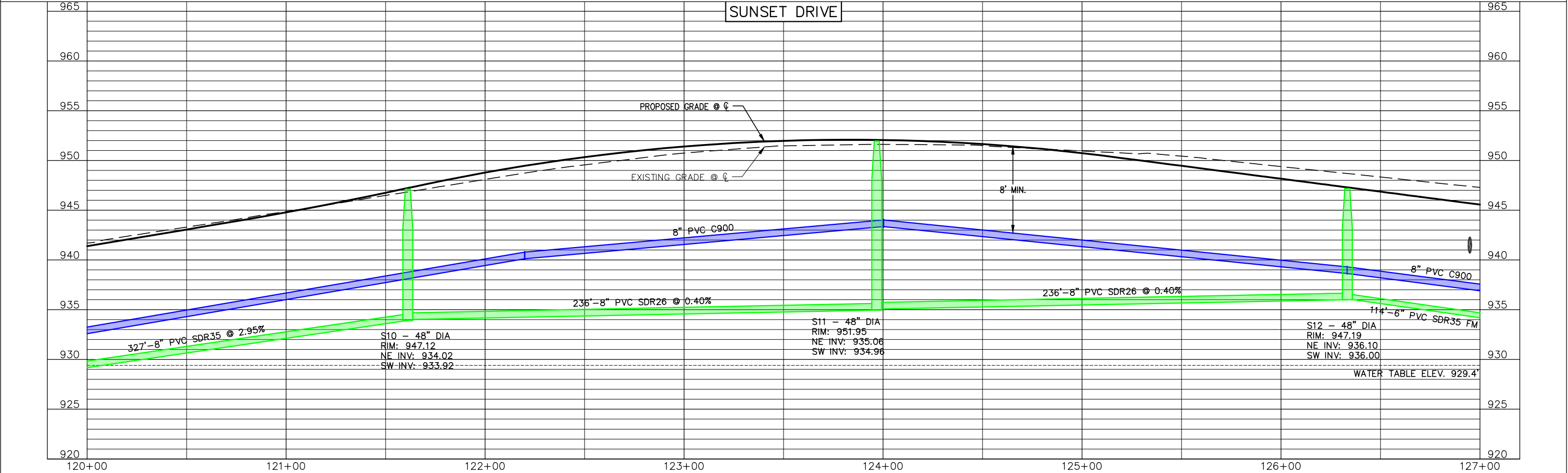
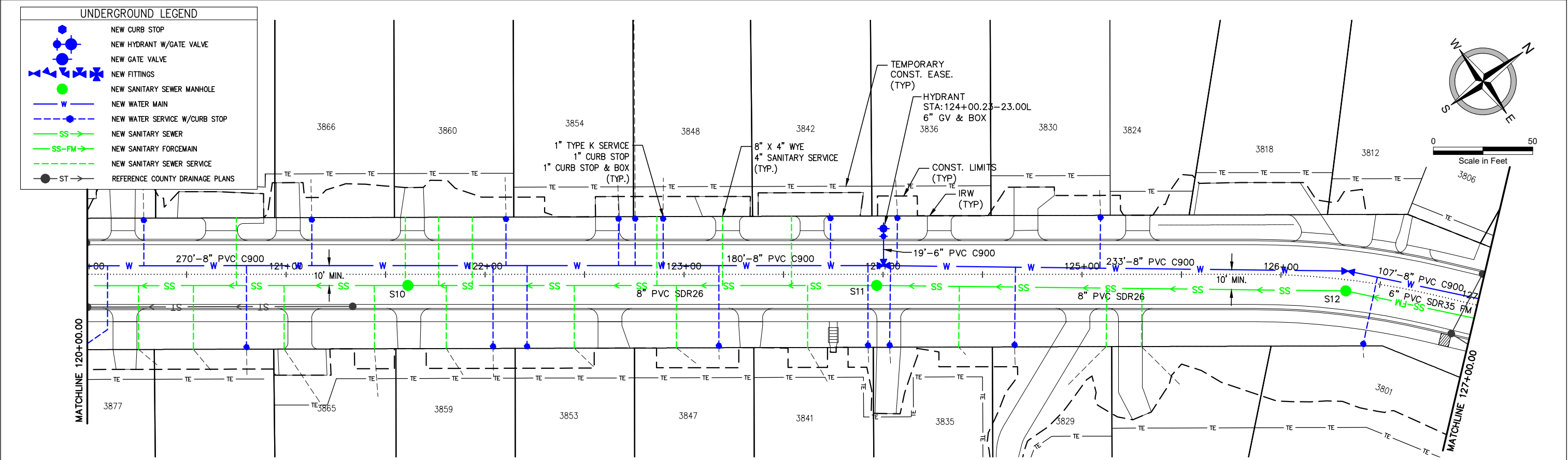
WS19
WS26

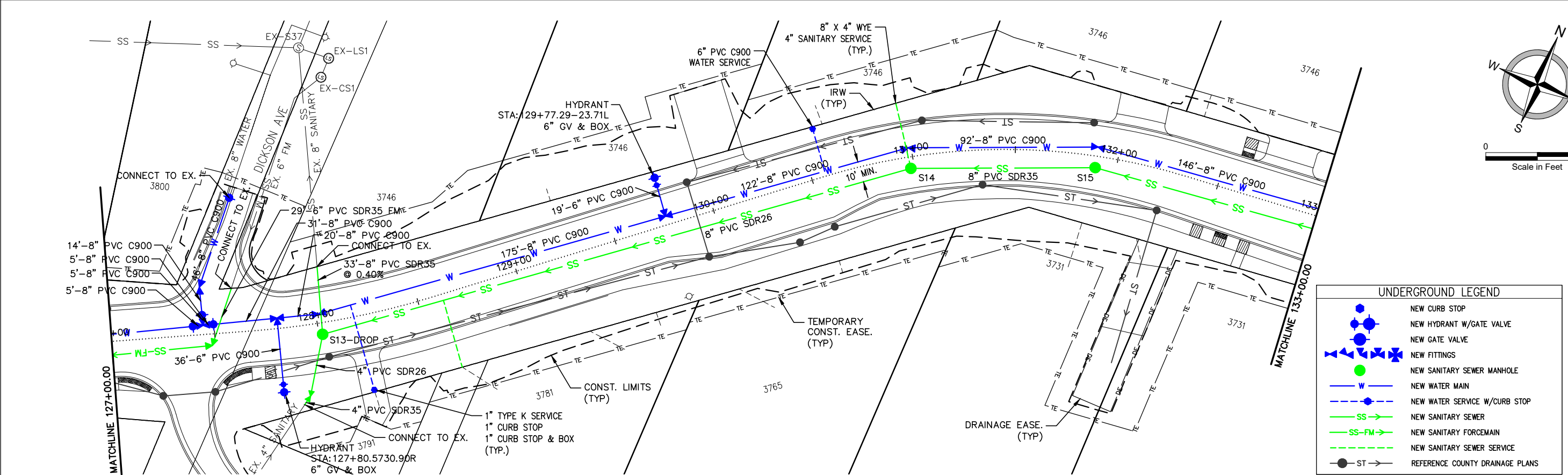




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						WS21 WS26

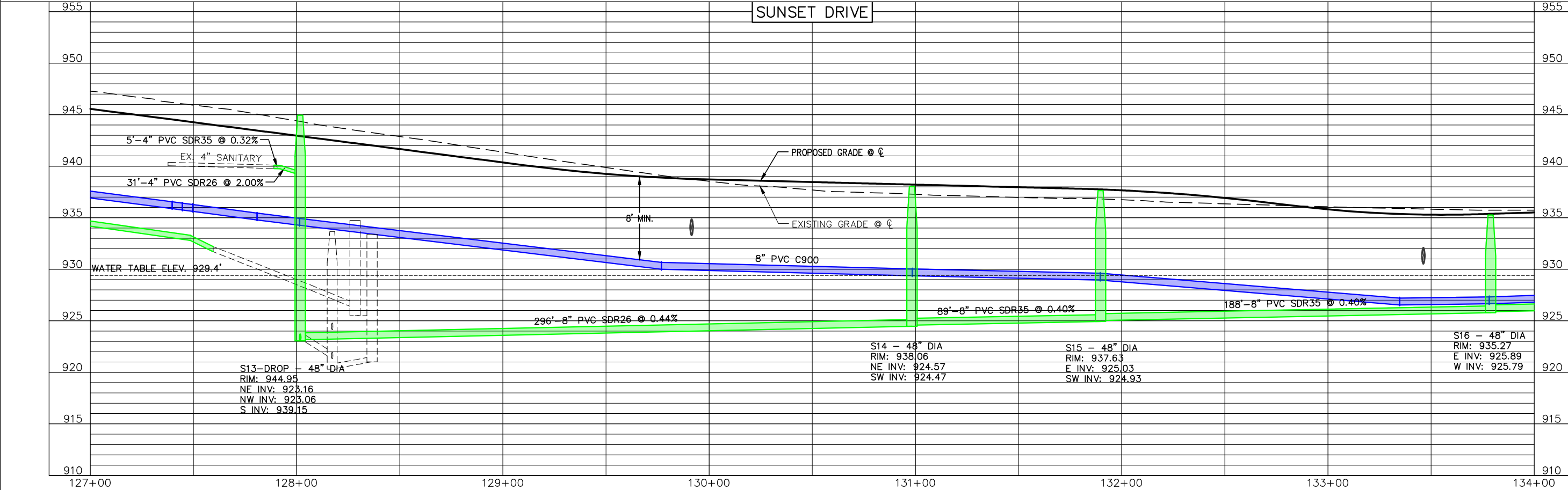


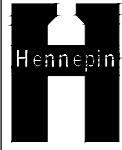


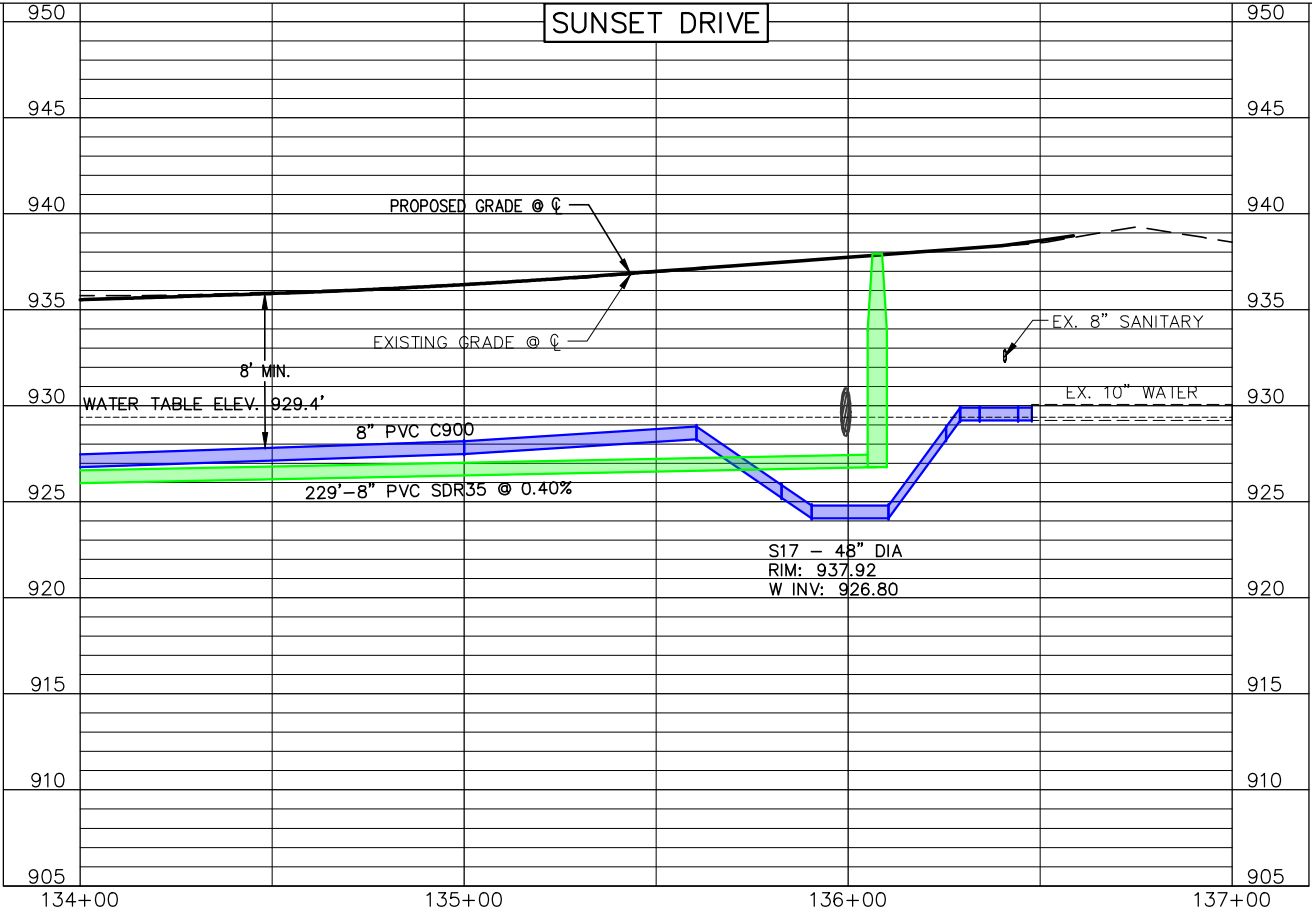
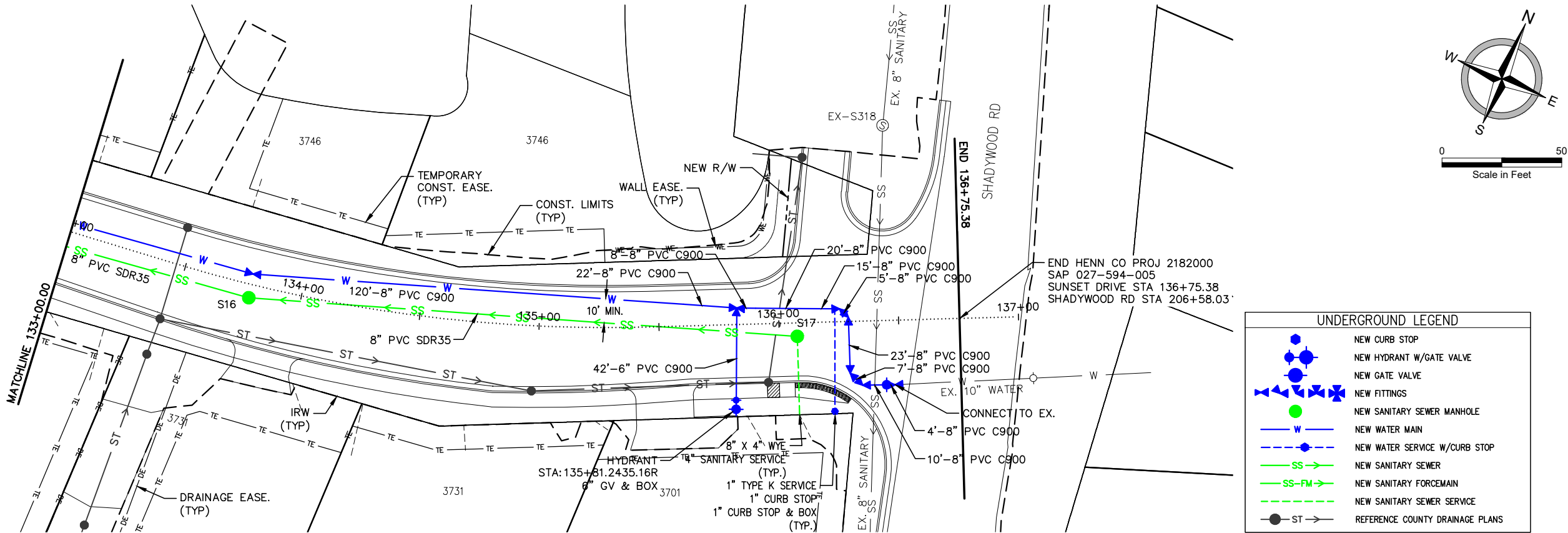


UNDERGROUND LEGEND

- NEW CURB STOP
- NEW HYDRANT W/GATE VALVE
- NEW GATE VALVE
- NEW FITTINGS
- NEW SANITARY SEWER MANHOLE
- NEW WATER MAIN
- NEW WATER SERVICE W/CURB STOP
- NEW SANITARY SEWER
- NEW SANITARY FORCEMAIN
- NEW SANITARY SEWER SERVICE
- REFERENCE COUNTY DRAINAGE PLANS



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Erik Hedman

ERIK HEDMAN, LICENSED PROFESSIONAL ENGINEER

57177 6/17/2025

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LAST REVISION: ----

PROPOSED CITY SANITARY & WATER PLAN & PROFILE

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000

SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS25

WS26

PROPOSED SANITARY STRUCTURE SCHEDULE						
NO.	TYPE	CASTING	COVER	RIM	INVERTS	LOCATION
S1	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	948.36	W INV. 940.40 – Out E INV. 941.40 – In NE INV. 941.40 – In	SUNSET DRIVE STA: 101+82.55 22.8R N 152768.0289 E 437060.7861
S2-DROP	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	945.47	E INV. 927.56 – In NE INV. 927.46 – Out NW INV. 930.71 – In	SUNSET DRIVE STA: 105+31.14 14.5R N 153043.8881 E 437258.1068
S3	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	941.55	E INV. 927.92 – In W INV. 927.81 – Out	SUNSET DRIVE STA: 105+81.19 53.9R N 153053.8644 E 437320.9943
S4	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	936.35	SW INV. 923.84 – In NE INV. 923.74 – Out SE INV. 927.70 – In	SUNSET DRIVE STA: 108+40.89 5.5R N 153276.4846 E 437462.7530
S5	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	934.46	SW INV. 922.41 – In NE INV. 922.51 – Out SE INV. 927.17 – In	SUNSET DRIVE STA: 111+72.32 5.5R N 153518.9876 E 437689.2266
S6	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	933.94	NE INV. 921.42 – In SE INV. 921.32 – Out SW INV. 921.42 – In	SUNSET DRIVE STA: 114+44.25 5.5R N 153750.5604 E 437832.9479
S7	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	935.72	NE INV. 923.84 – In SW INV. 923.77 – Out NW INV. 924.77 – In	SUNSET DRIVE STA: 117+43.18 5.5R N 154002.8478 E 437991.4242
S8	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	937.10	NE INV. 924.30 – In SW INV. 924.20 – Out NW INV. 924.30 – In SE INV. 925.35 – In	SUNSET DRIVE STA: 118+34.52 5.5R N 154068.5026 E 438053.5948
S9	48" DIA	NEENAH R-1642	SOLID W/ CLOSED PICK HOLES	936.66	SE INV. 925.41 – In NW INV. 925.41 – Out	SUNSET DRIVE STA: 118+34.01 22.2R N 154055.7790 E 438064.4690
S10	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	947.12	NE INV. 934.02 – In SW INV. 933.92 – Out	SUNSET DRIVE STA: 121+61.19 5.5R N 154281.7596 E 438300.8605
S11	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	951.95	NE INV. 935.06 – In SW INV. 934.96 – Out	SUNSET DRIVE STA: 123+96.85 5.5R N 154435.5658 E 438479.4071
S12	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	947.19	NE INV. 936.10 – In SW INV. 936.00 – Out	SUNSET DRIVE STA: 126+33.36 5.5R N 154587.3492 E 438659.8142
S13-DROP	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	944.95	NE INV. 923.16 – In NW INV. 923.06 – Out S INV. 939.15 – In	SUNSET DRIVE STA: 128+01.76 5.5R N 154668.3827 E 438807.1491
S14	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	938.06	NE INV. 924.57 – In SW INV. 924.47 – Out	SUNSET DRIVE STA: 130+98.31 5.5R N 154854.5967 E 439037.6248
S15	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	937.63	E INV. 925.03 – In SW INV. 924.93 – Out	SUNSET DRIVE STA: 131+89.74 5.5R N 154890.1579 E 439119.6581
S16	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	935.27	E INV. 925.89 – In W INV. 925.79 – Out	SUNSET DRIVE STA: 133+78.85 5.5R N 154914.8430 E 439306.5023
S17	48" DIA	NEENAH R-1642	SOLID W/CLOSED PICK HOLES	937.92	W INV. 926.80 – Out	SUNSET DRIVE STA: 136+07.60 5.5R N 154990.1722 E 439523.0921
S29	72" DIA	CASTING	COVER	940.73	NE INV. 927.86 – In SW INV. 927.86 – Out	SUNSET DRIVE STA: 106+25.47 19.1R N 153109.9746 E 437325.5754



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Erik Hedman
ERIK HEDMAN, LICENSED PROFESSIONAL ENGINEER

57177
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PROPOSED SANITARY SEWER STRUCTURE TABLE

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-001, SAP 027-619-029, SAP 027-549-005

SHEET

WS26
WS26