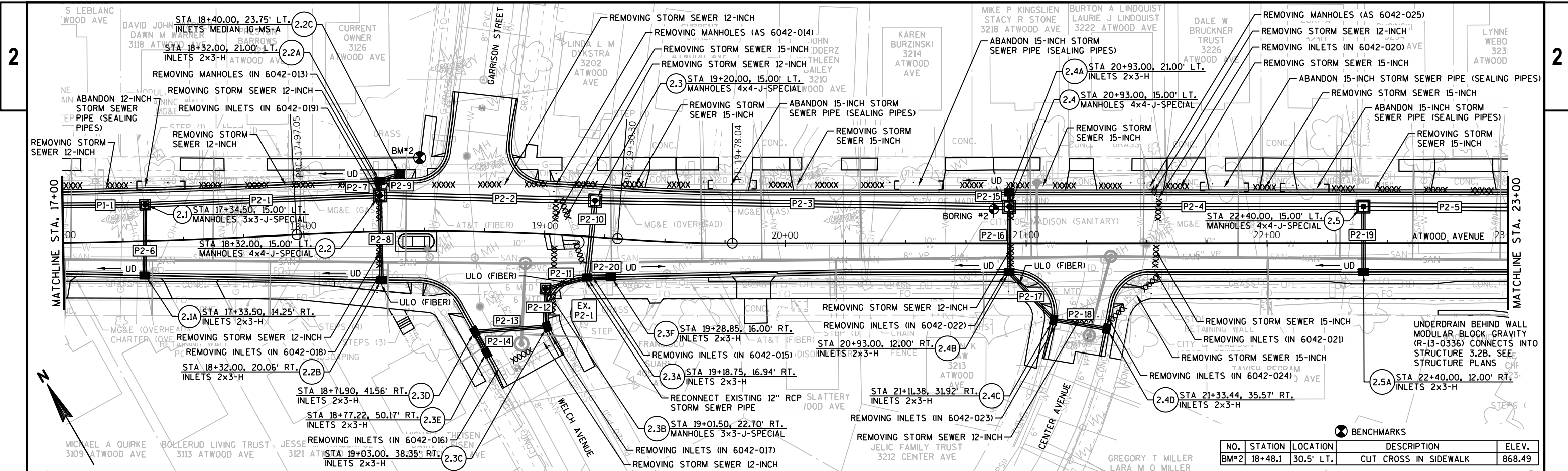


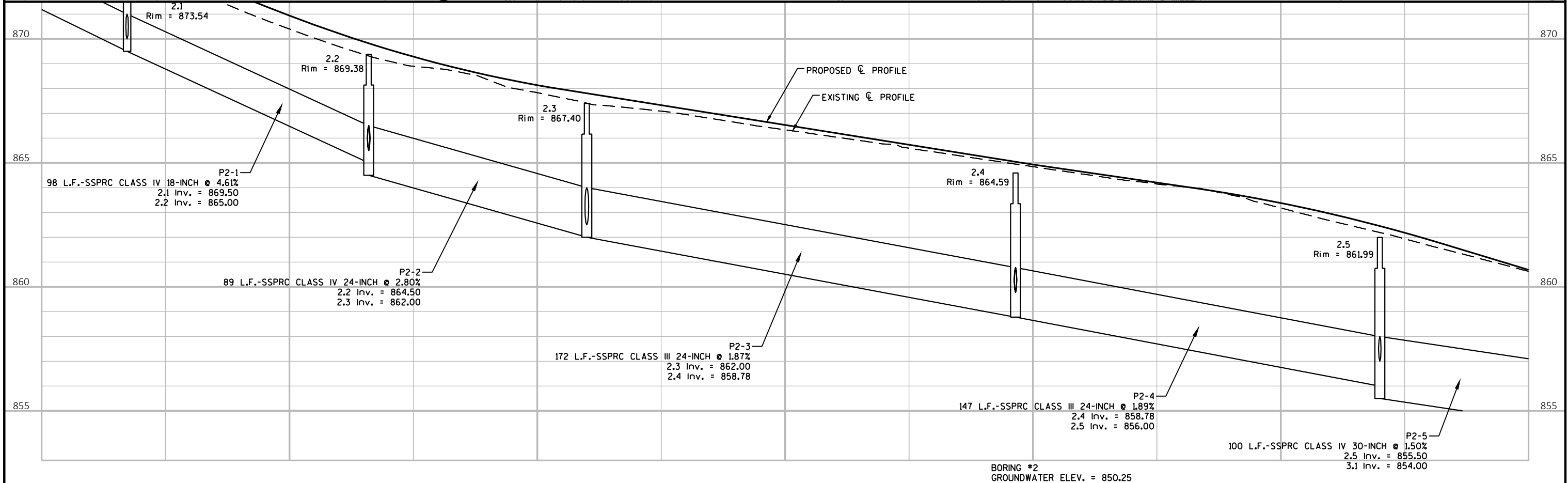
⊗ BENCHMARKS

NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#1	14+0.5	21.9' RT.	CUT CROSS IN SIDEWALK	885.71

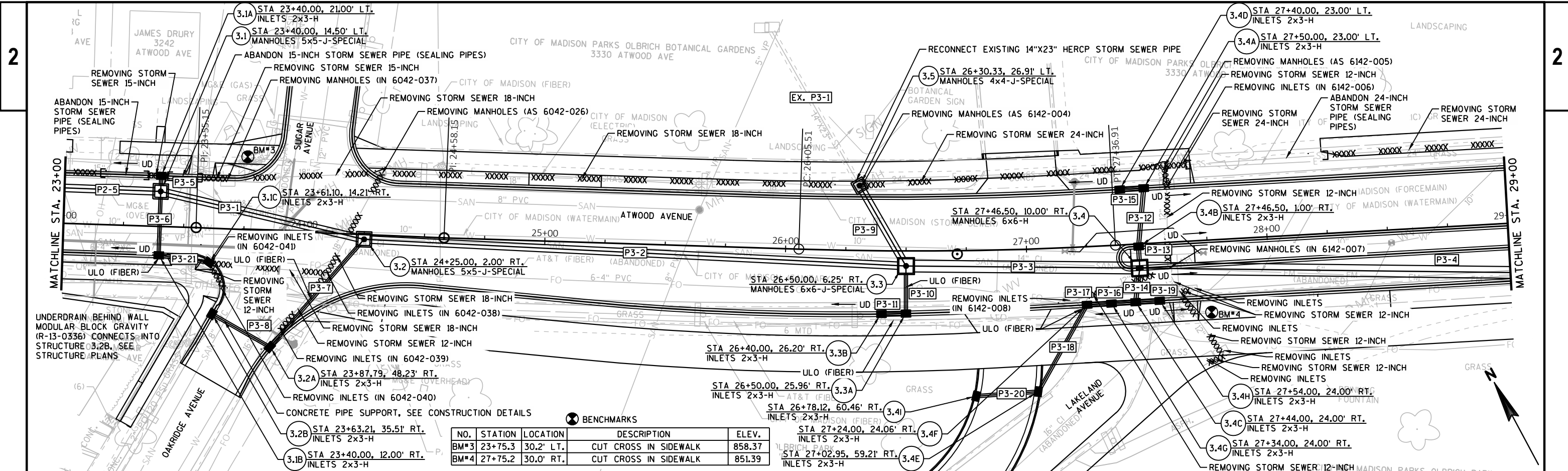




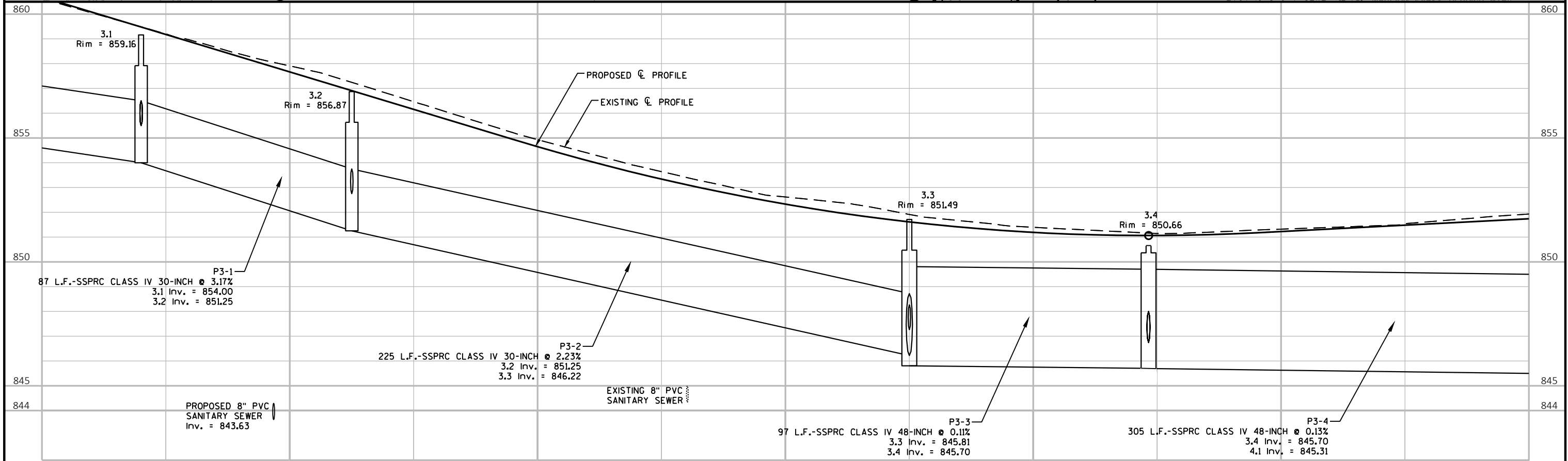
NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#2	18+48.1	30.5' LT.	CUT CROSS IN SIDEWALK	868.49

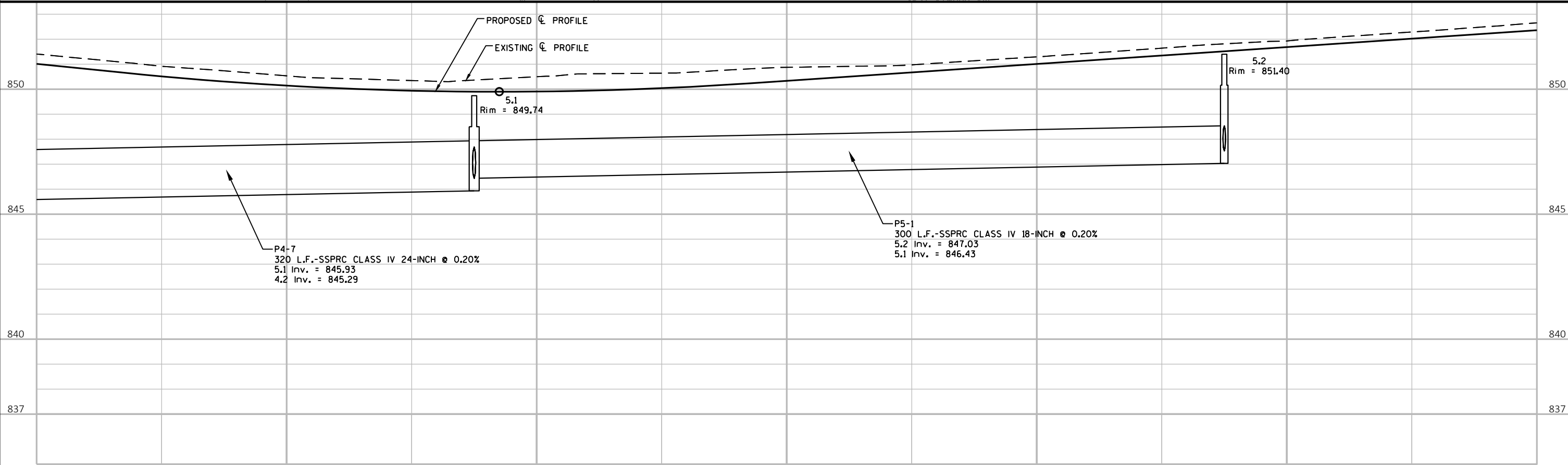
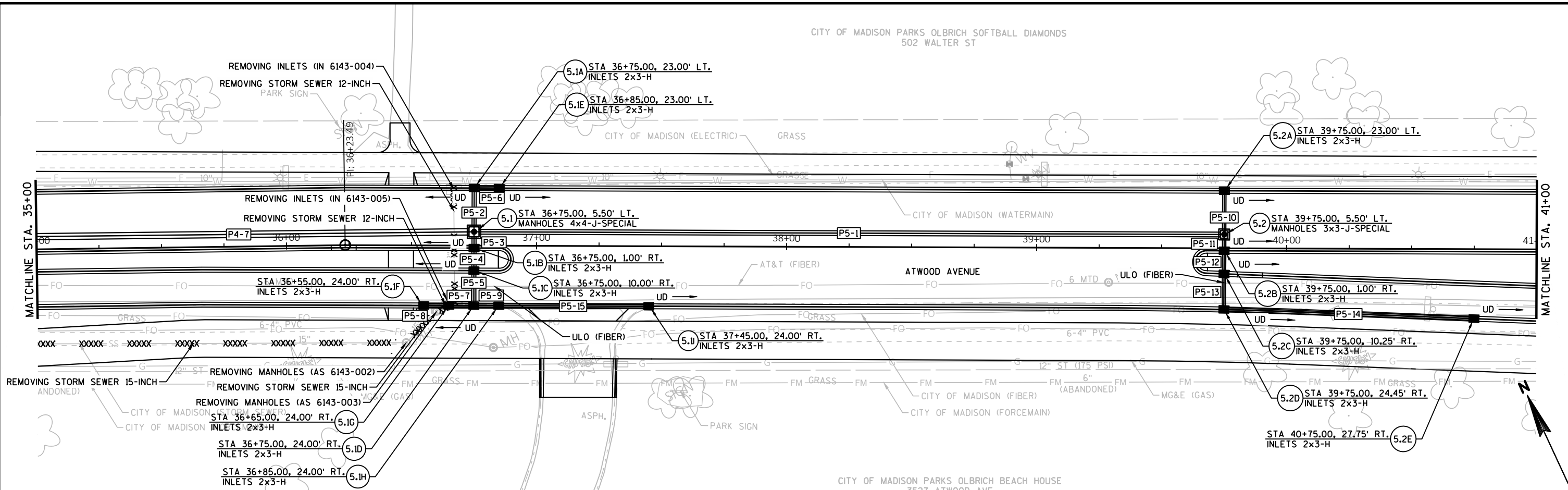


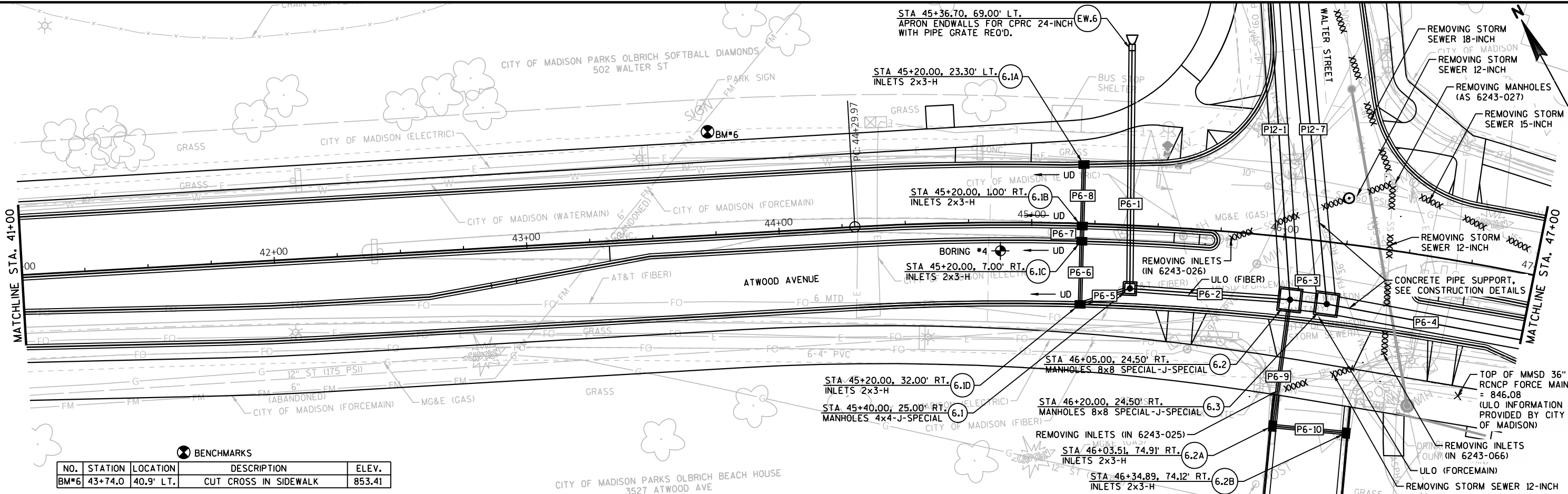
PROJECT NO: 5992-10-16 HWY: ATWOOD AVENUE COUNTY: DANE STORM SEWER SHEET E



NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#3	23+75.3	30.2' LT.	CUT CROSS IN SIDEWALK	858.37
BM#4	27+75.2	30.0' RT.	CUT CROSS IN SIDEWALK	851.39

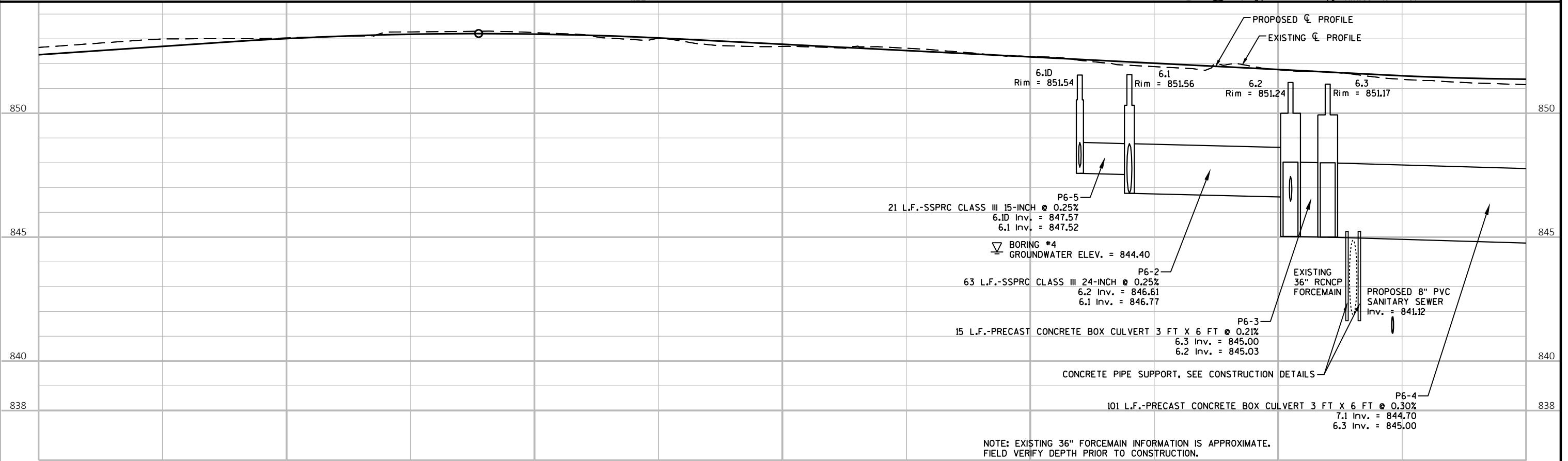


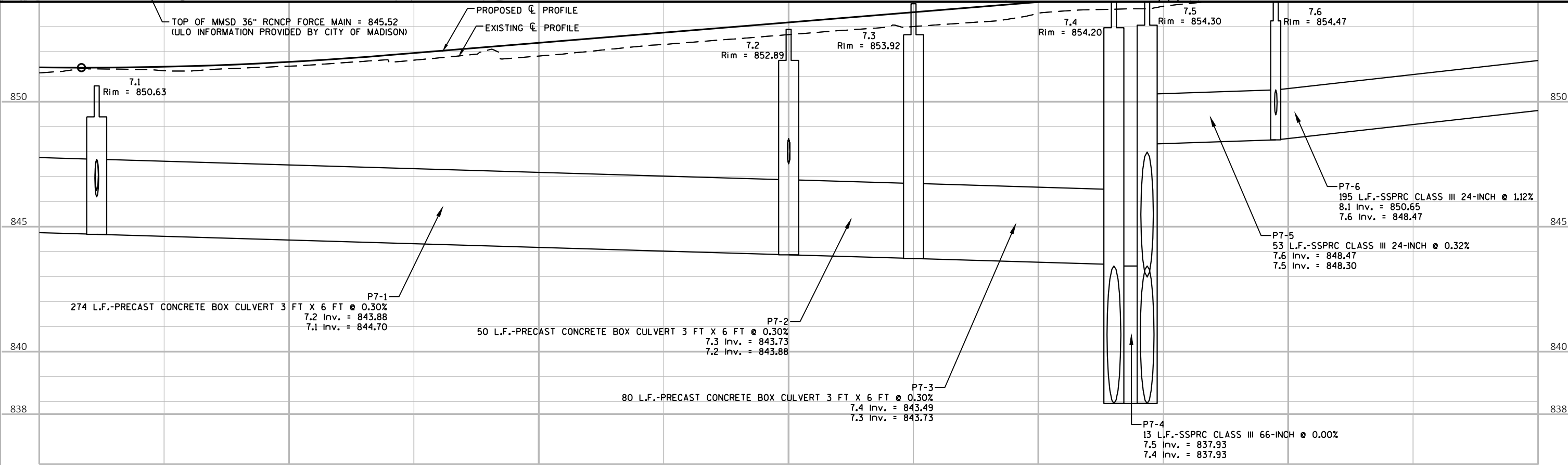
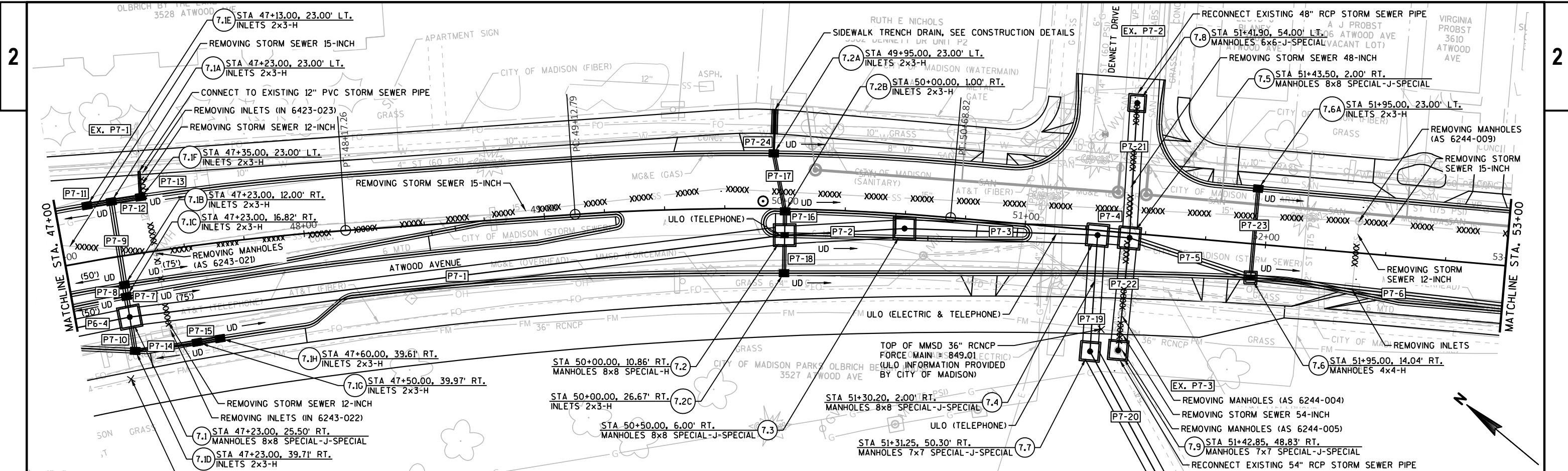




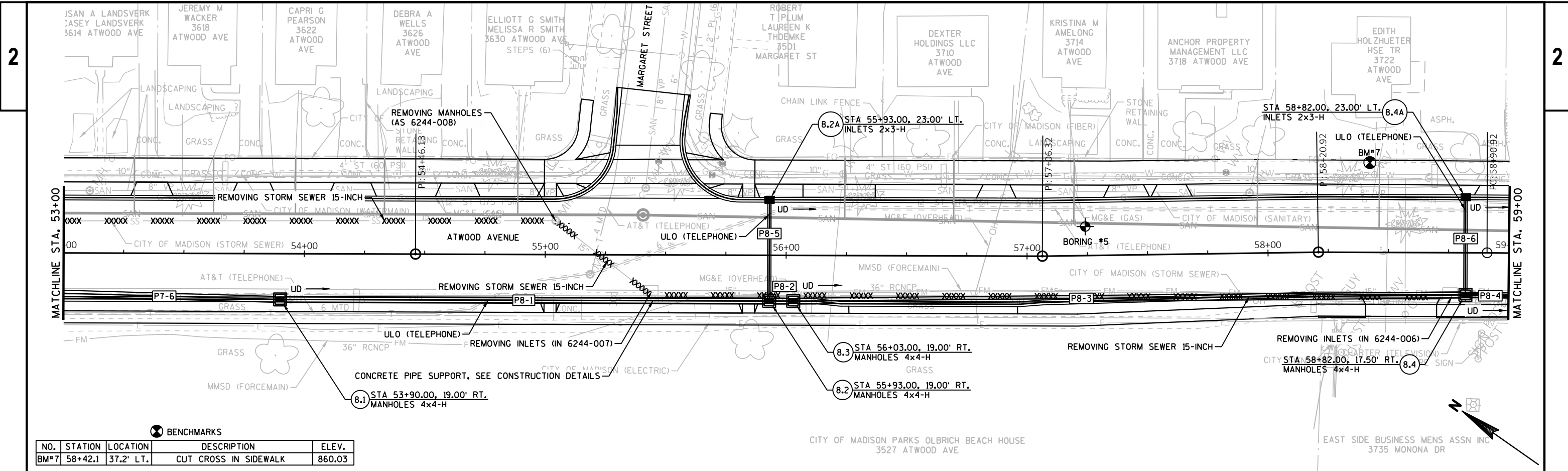
BENCHMARKS

NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#6	43+74.0	40.9' LT.	CUT CROSS IN SIDEWALK	853.41



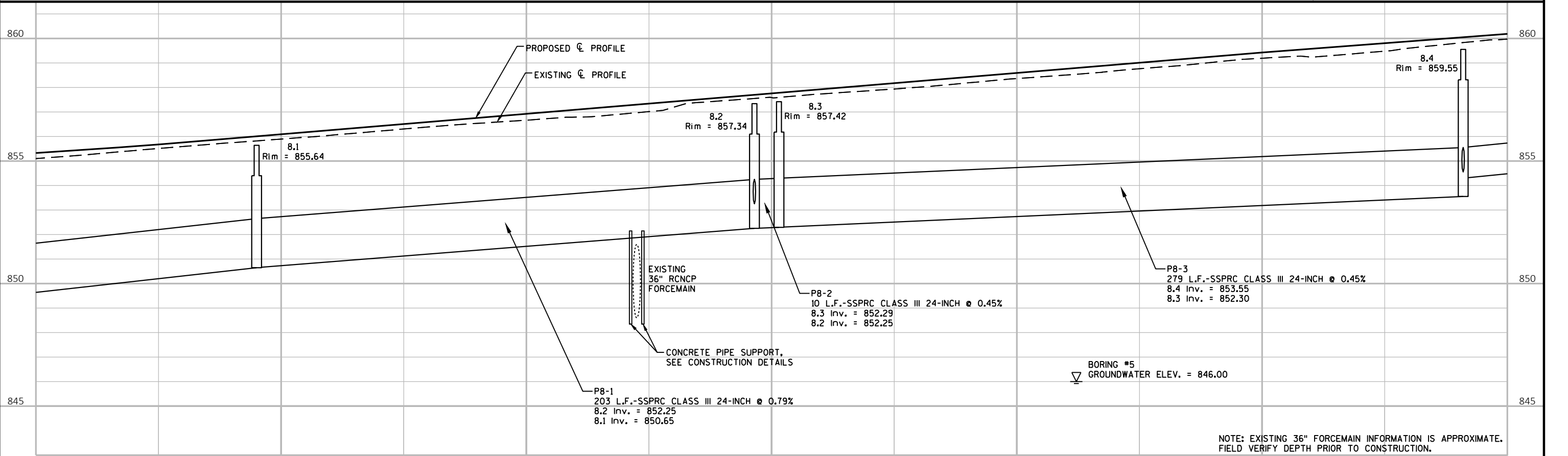


PROJECT NO: 5992-10-16	HWY: ATWOOD AVENUE	COUNTY: DANE	STORM SEWER	SHEET	E
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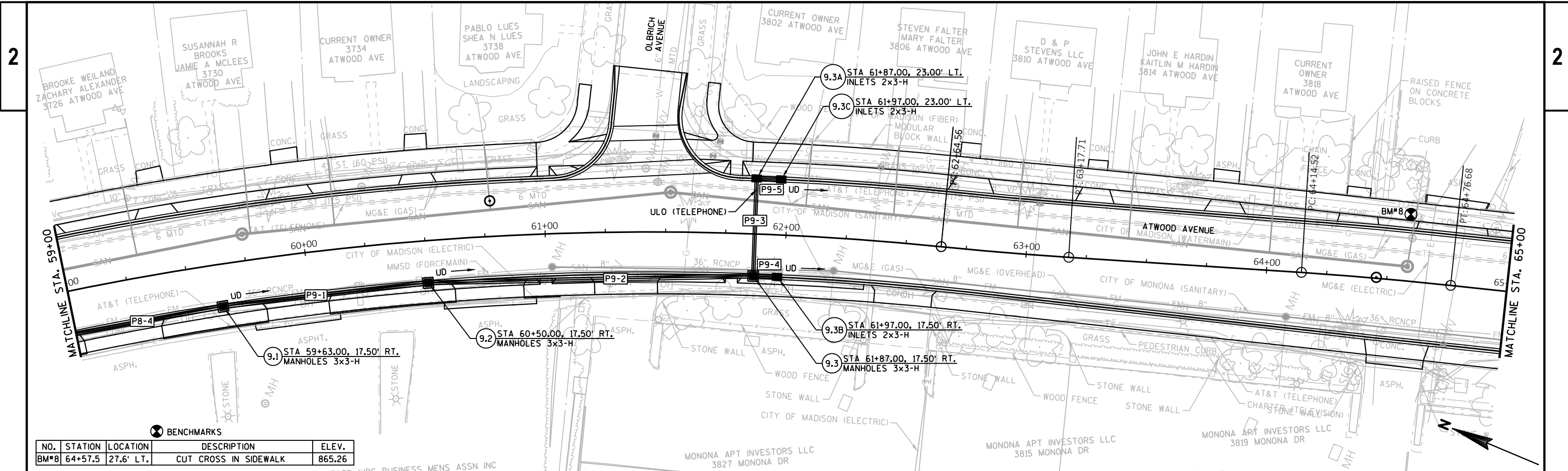


BENCHMARKS

NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#7	58+42.1	37.2' LT.	CUT CROSS IN SIDEWALK	860.03

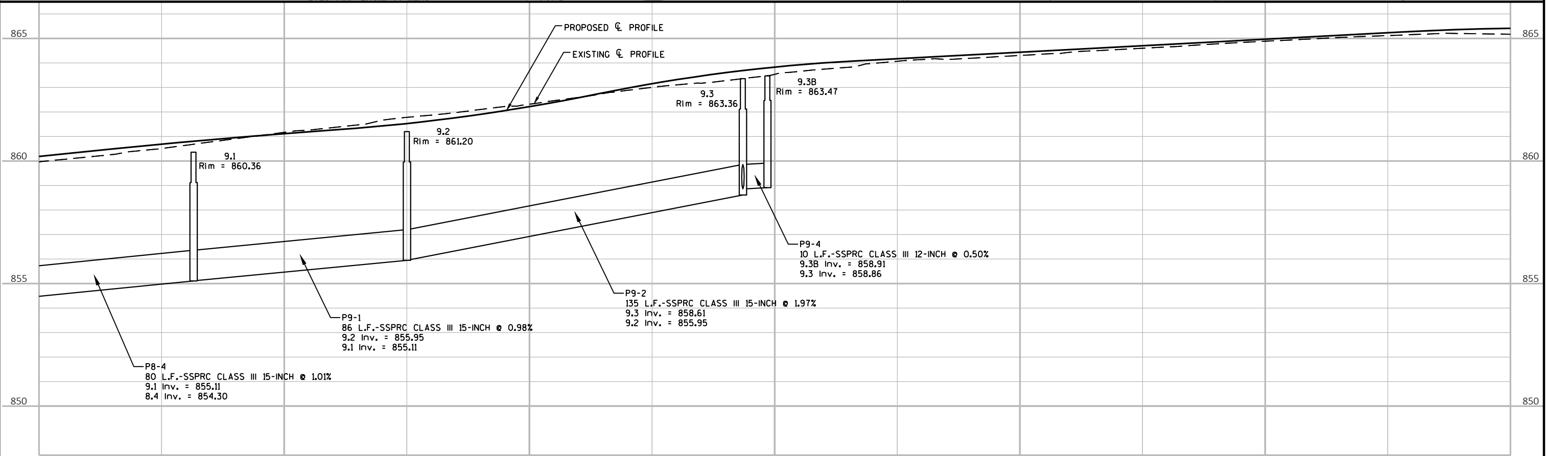


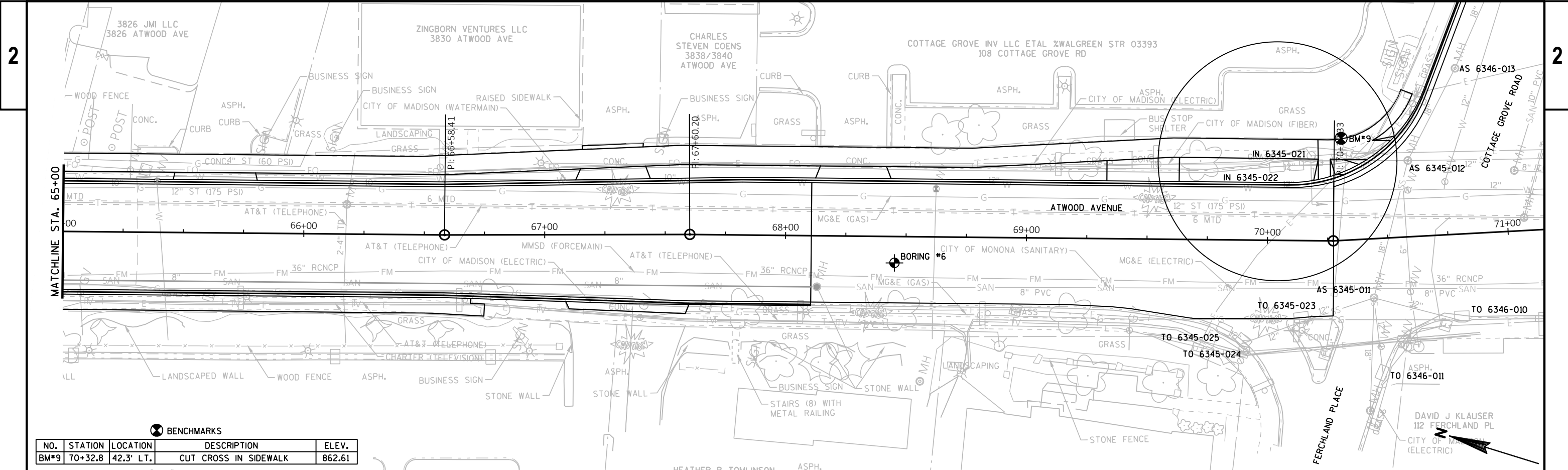
NOTE: EXISTING 36" FORCEMAIN INFORMATION IS APPROXIMATE. FIELD VERIFY DEPTH PRIOR TO CONSTRUCTION.



⊗ BENCHMARKS

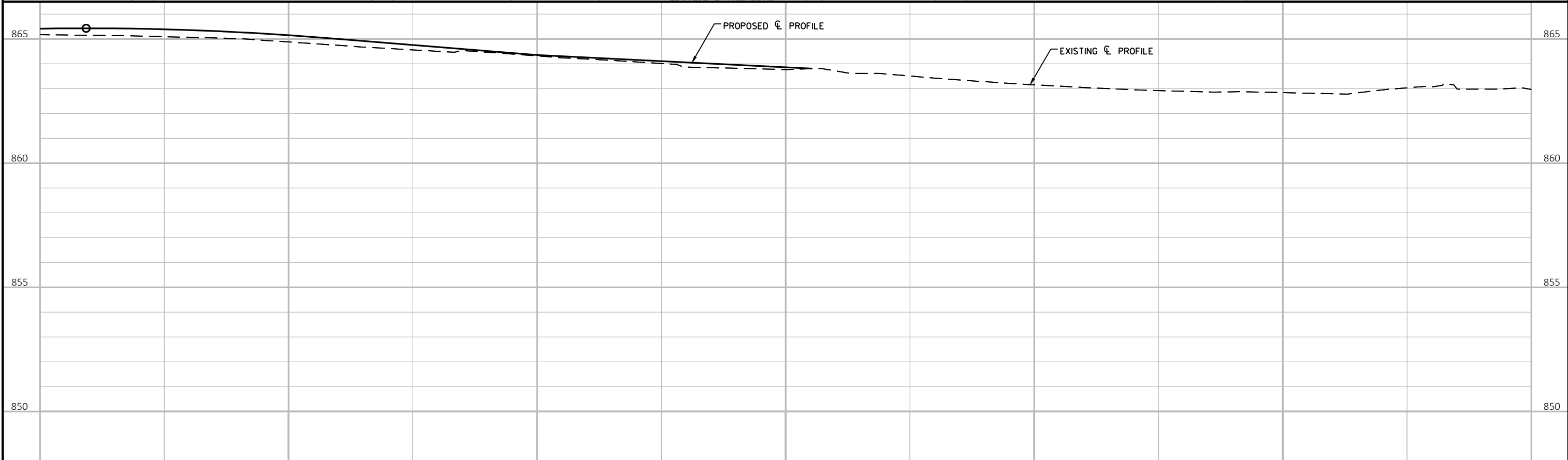
NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#8	64+57.5	27.6' LT.	CUT CROSS IN SIDEWALK	865.26

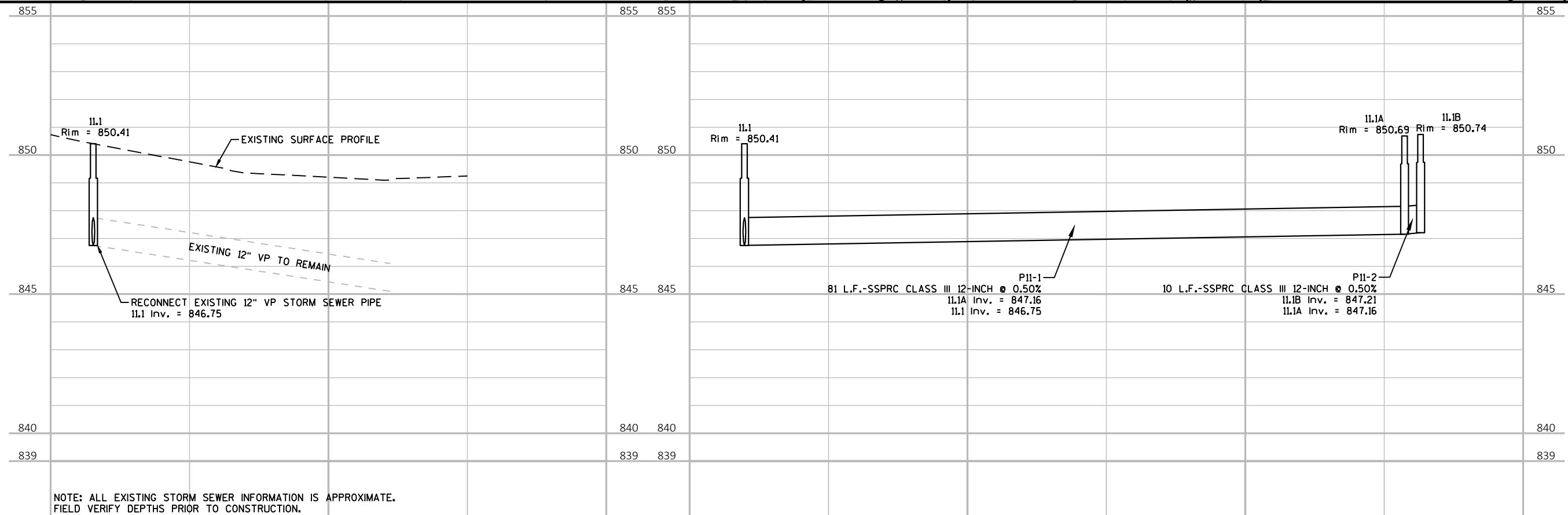
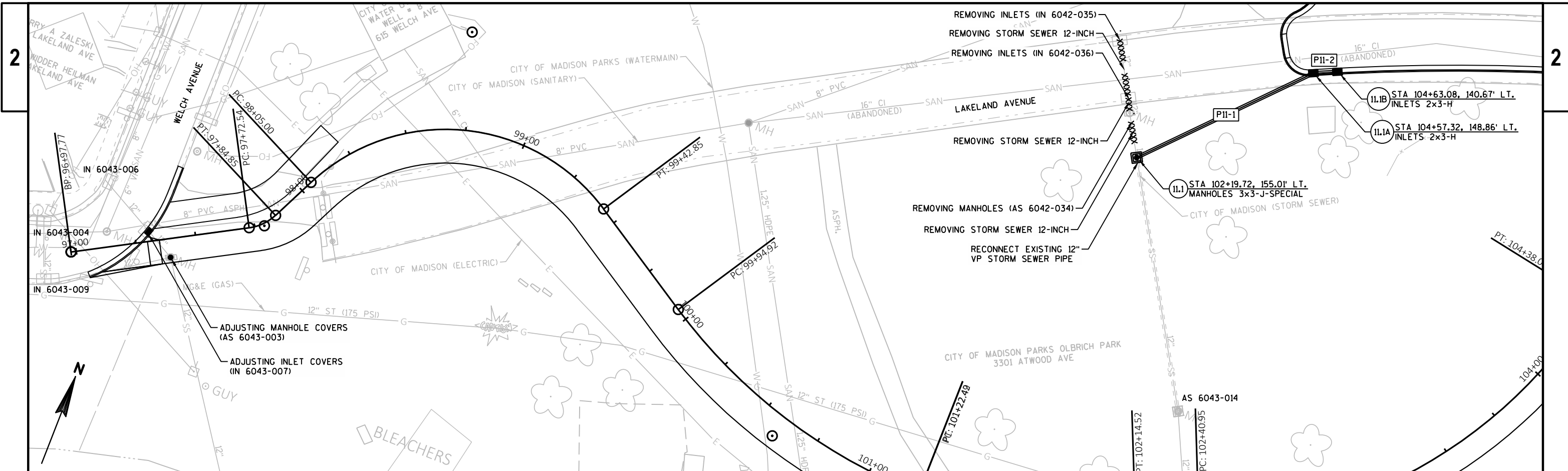




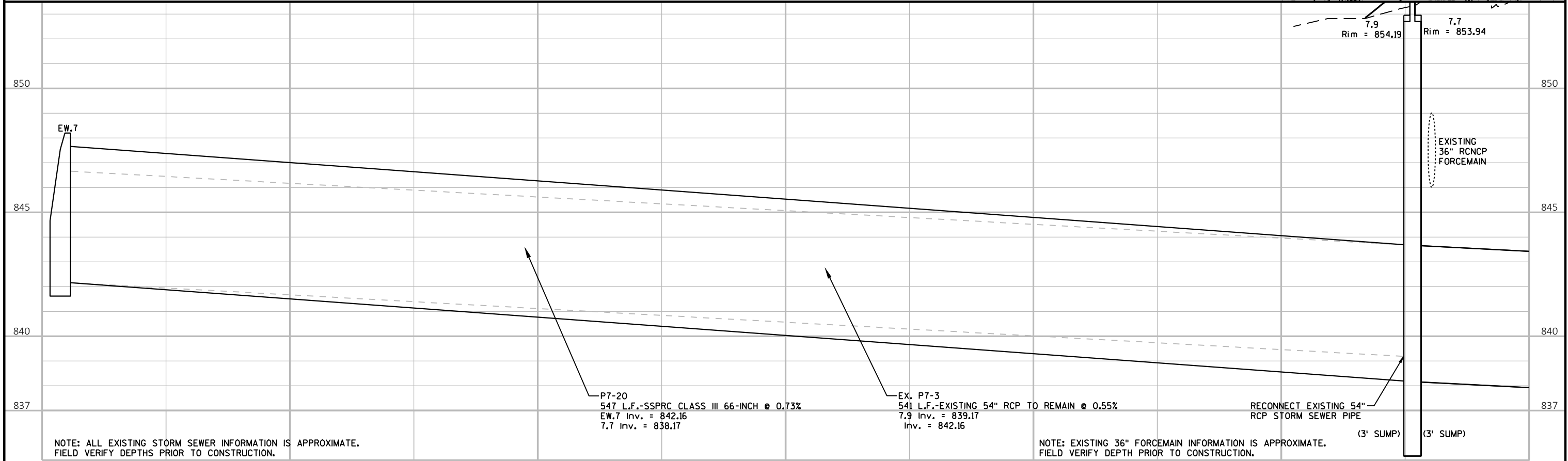
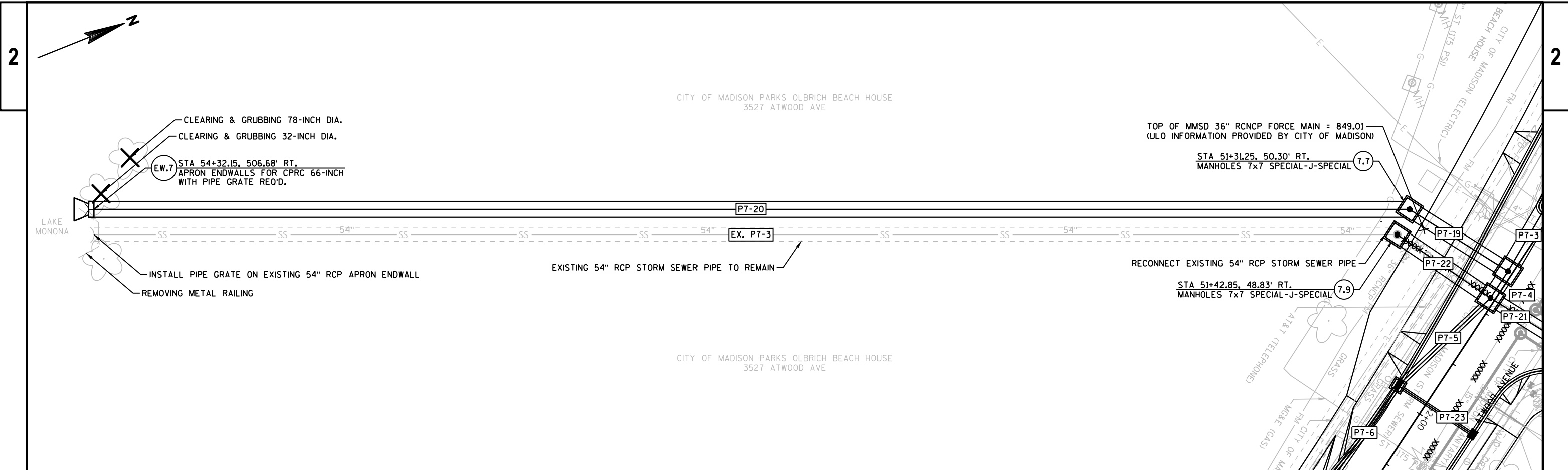
BENCHMARKS

NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#9	70+32.8	42.3' LT.	CUT CROSS IN SIDEWALK	862.61

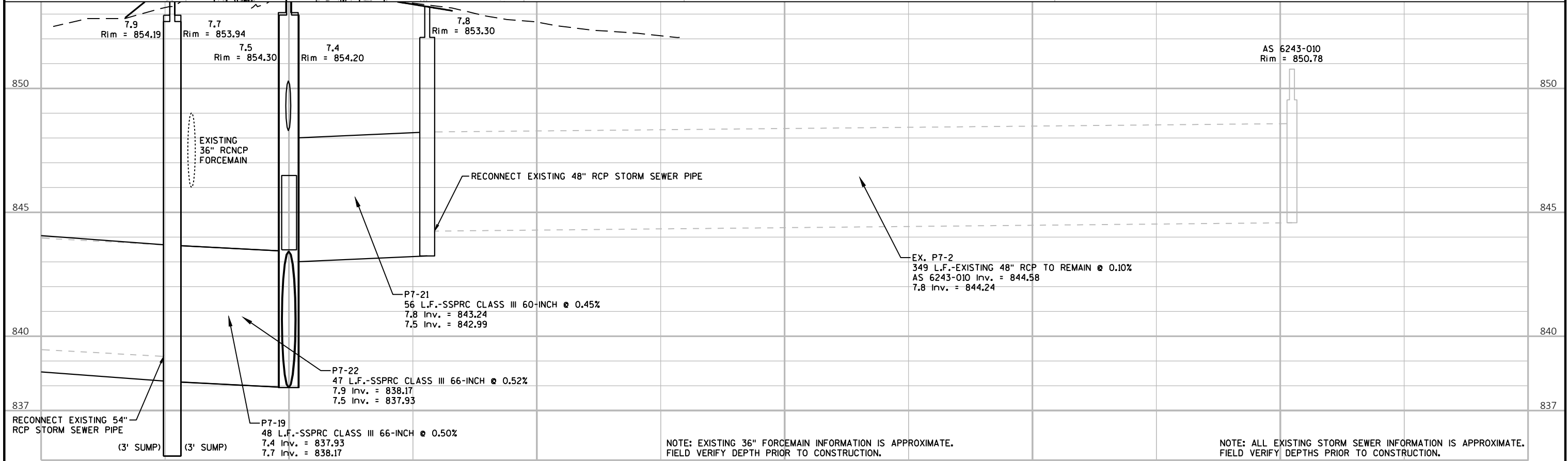
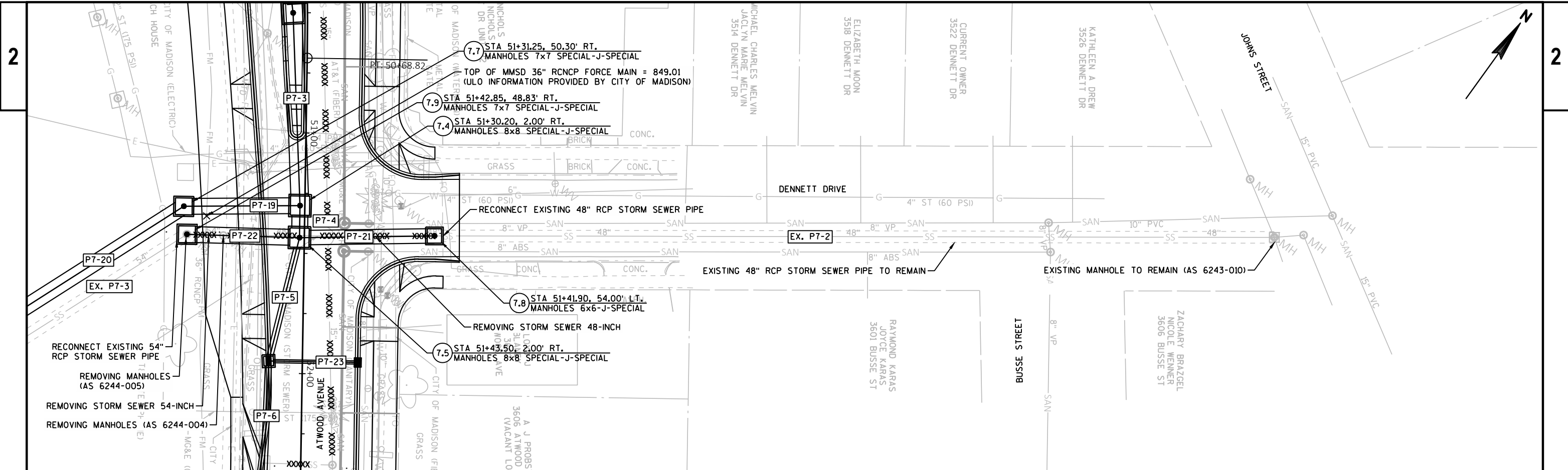




NOTE: ALL EXISTING STORM SEWER INFORMATION IS APPROXIMATE.
FIELD VERIFY DEPTHS PRIOR TO CONSTRUCTION.

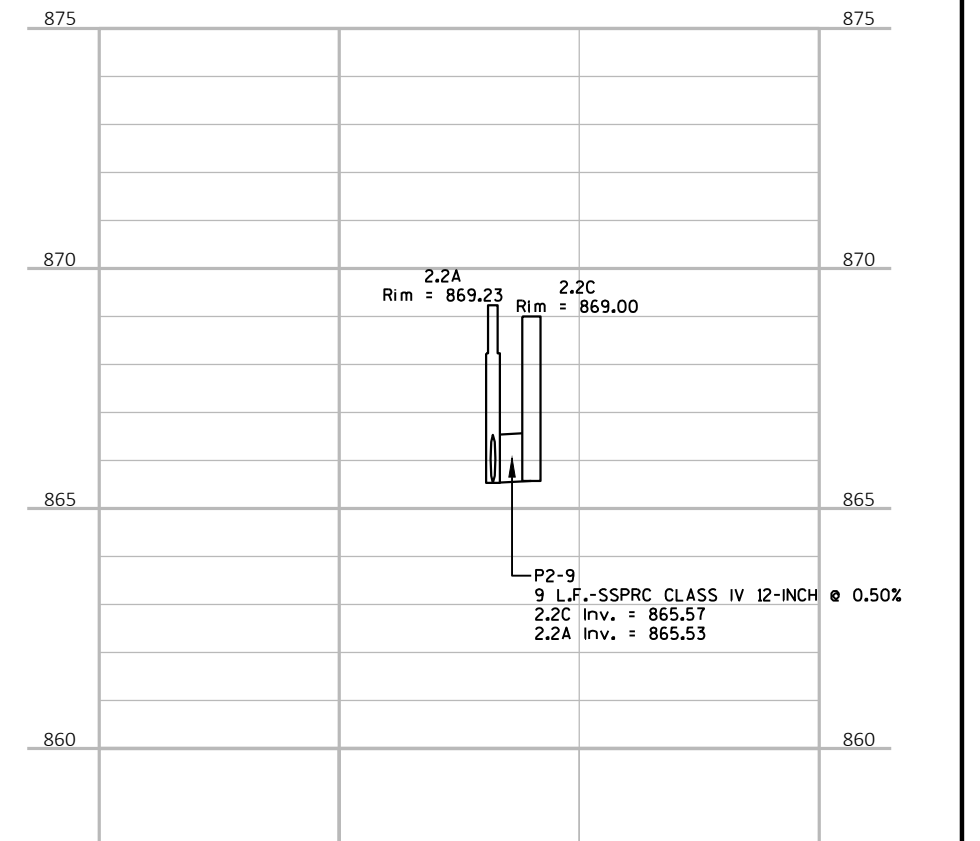
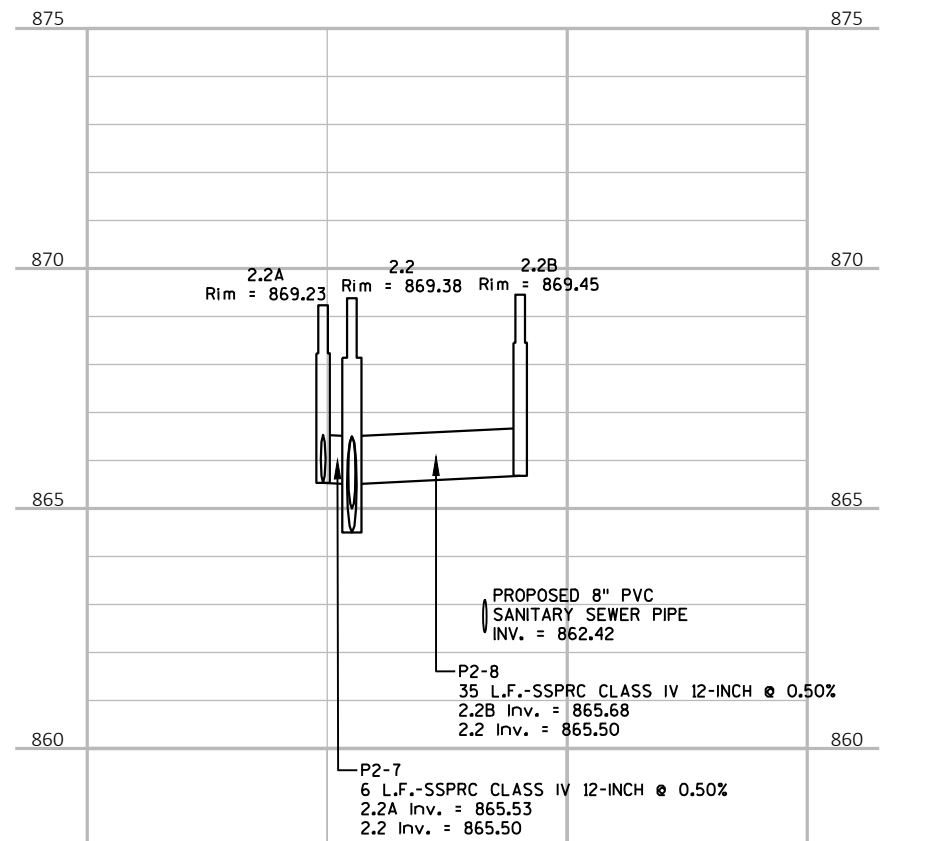
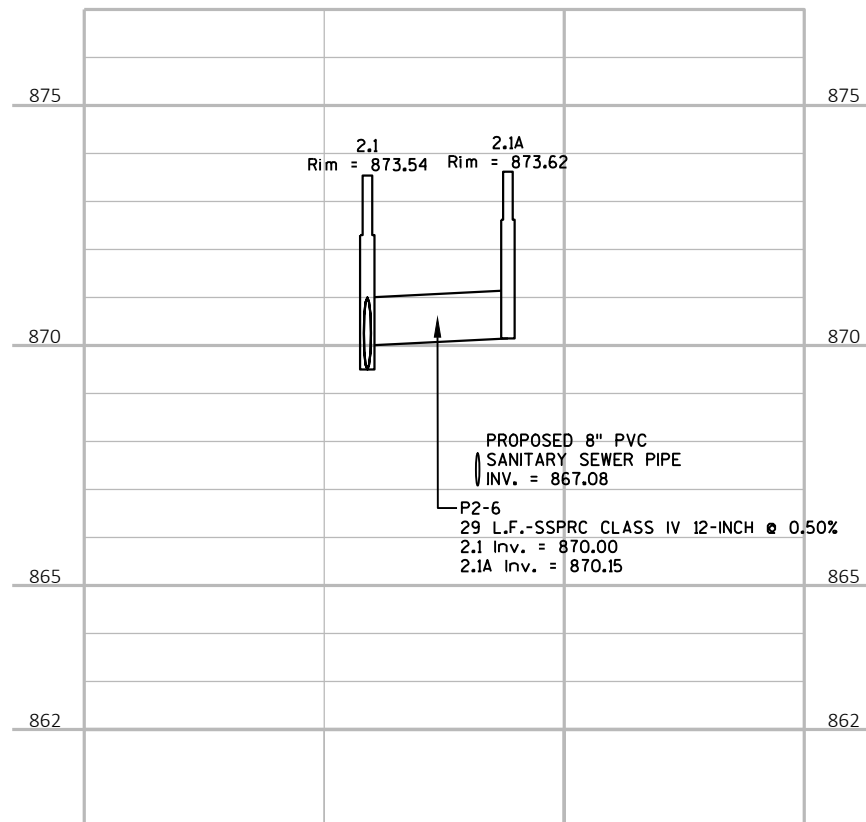
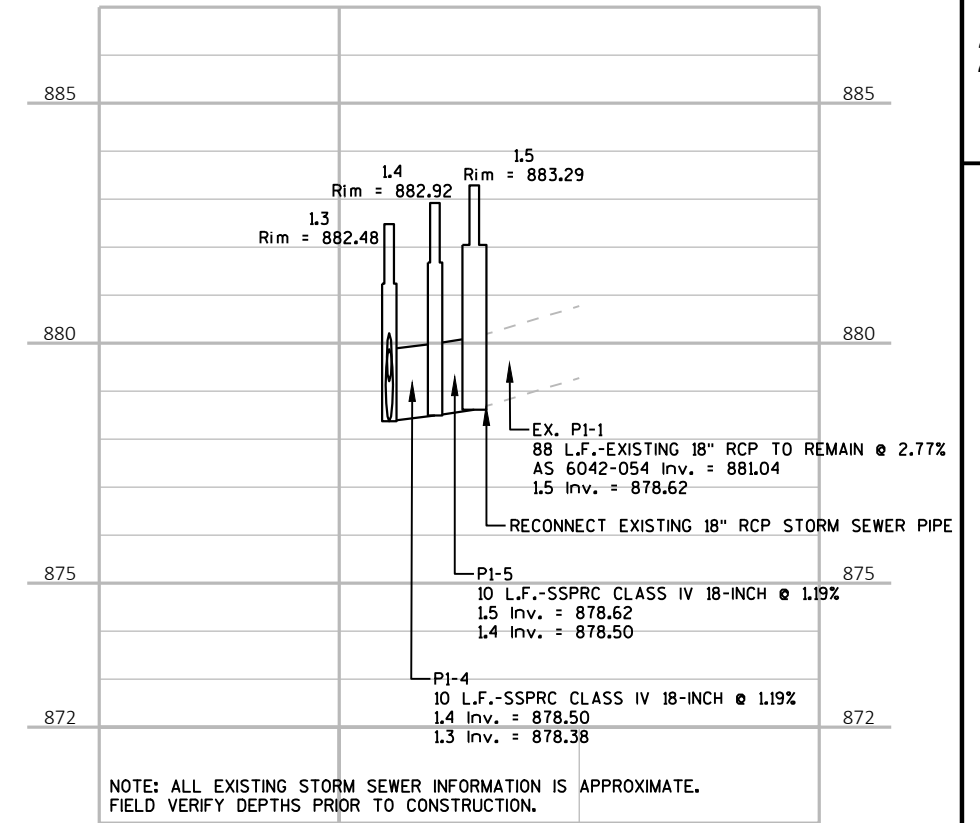
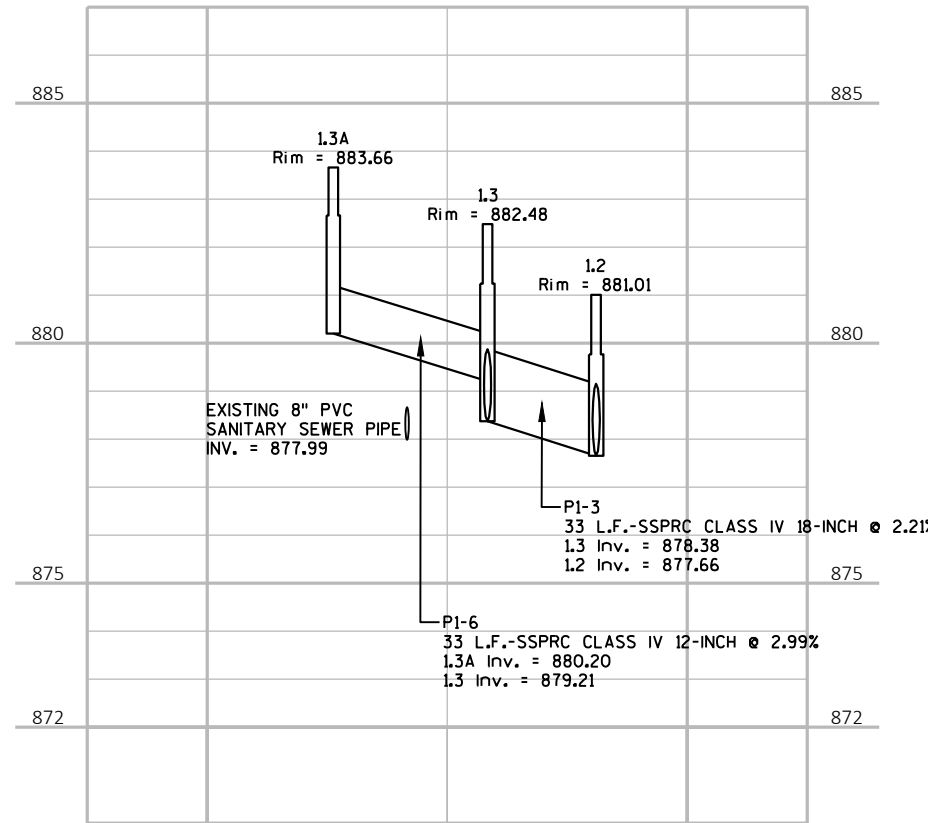
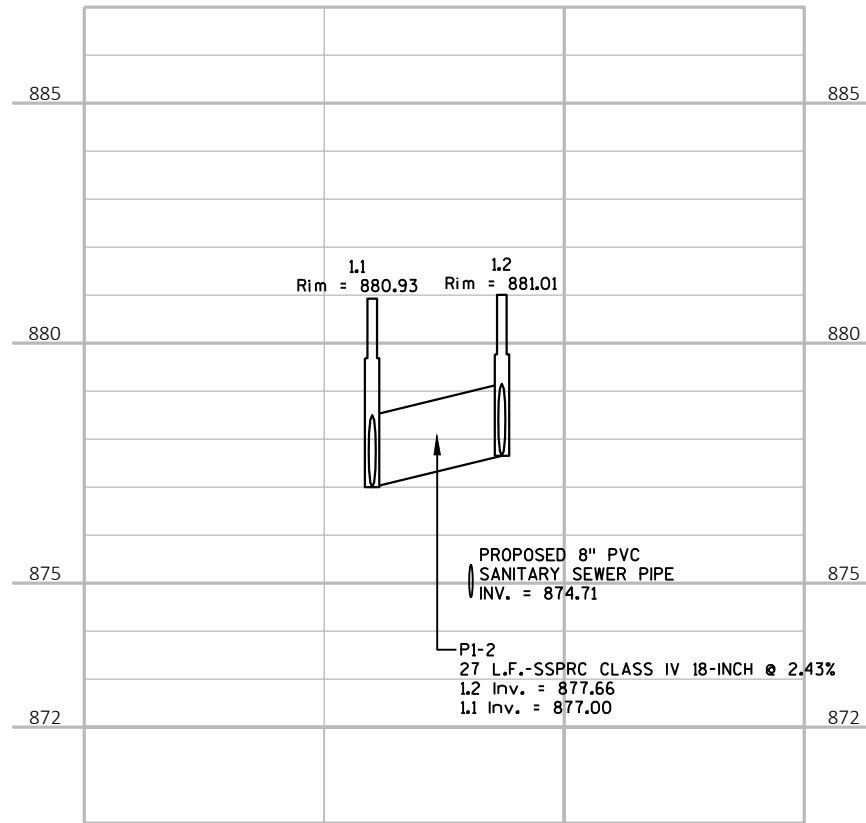


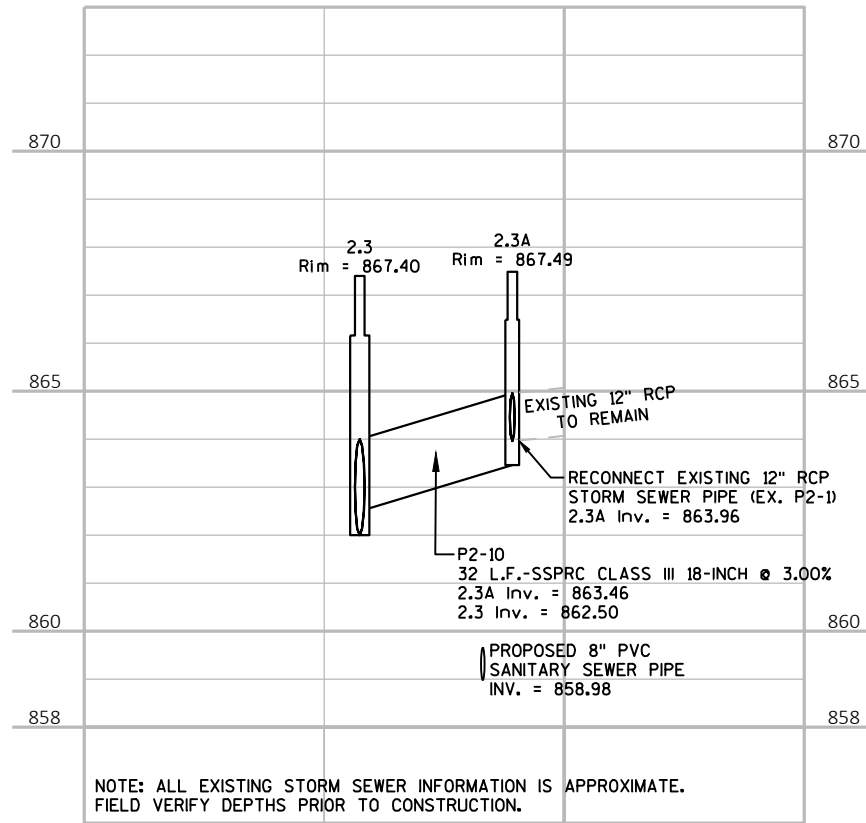
PROJECT NO: 5992-10-16	HWY: ATWOOD AVENUE	COUNTY: DANE	STORM SEWER	SHEET	E
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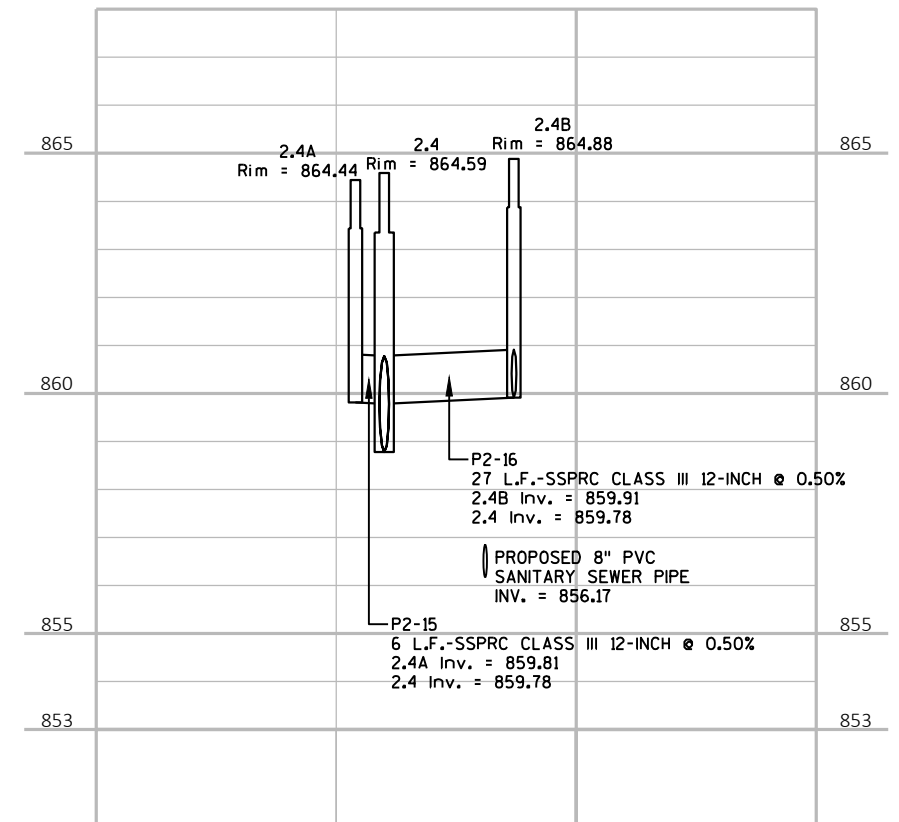
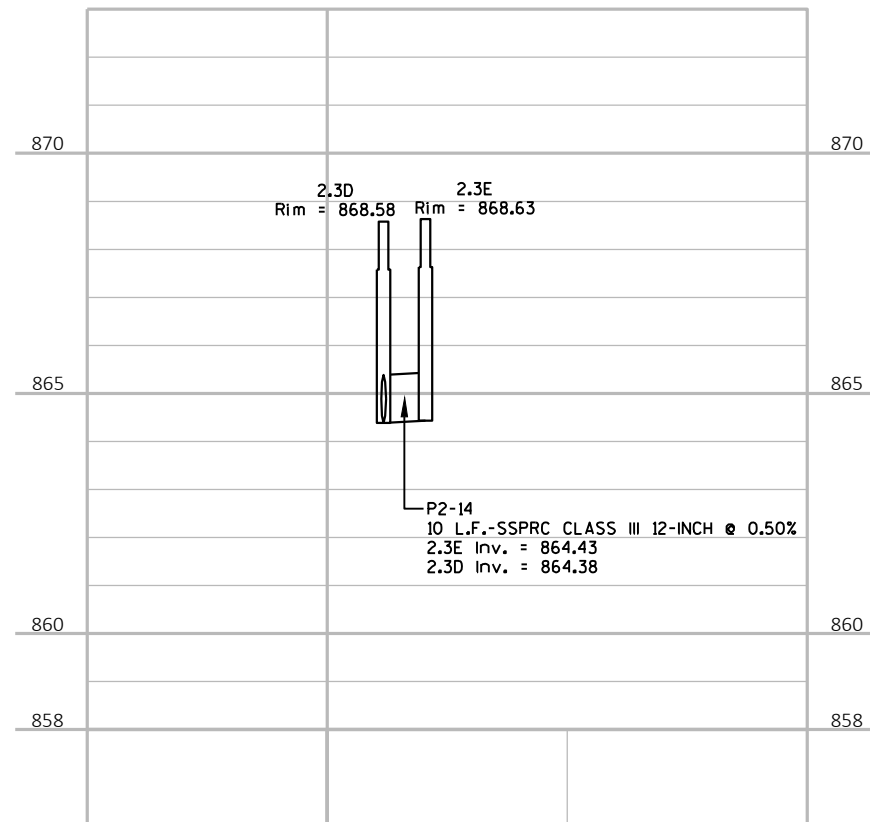
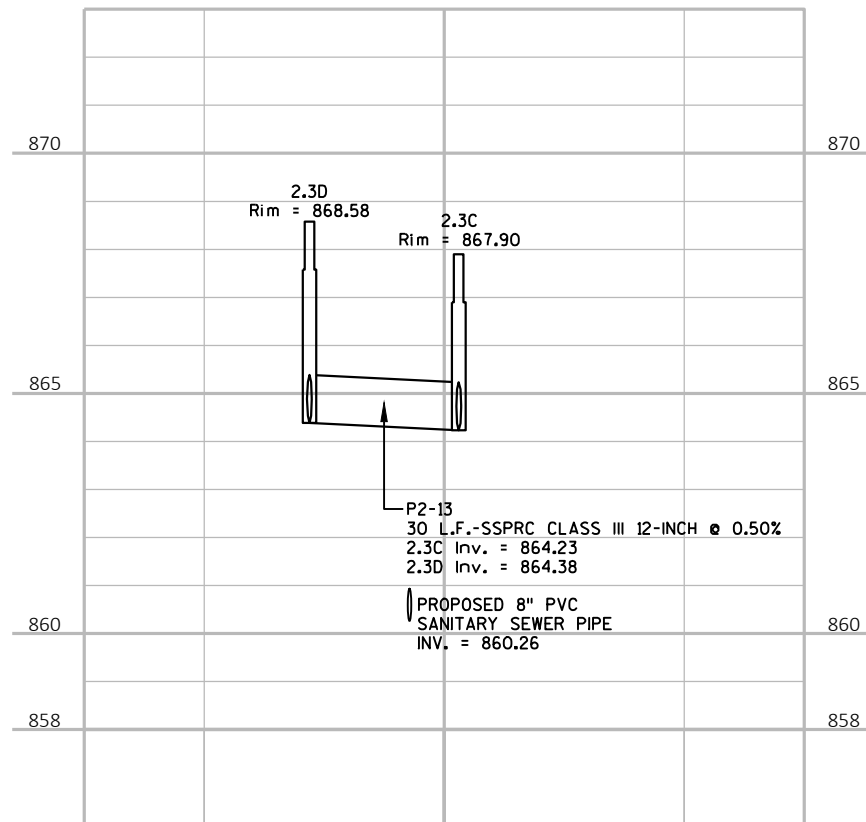
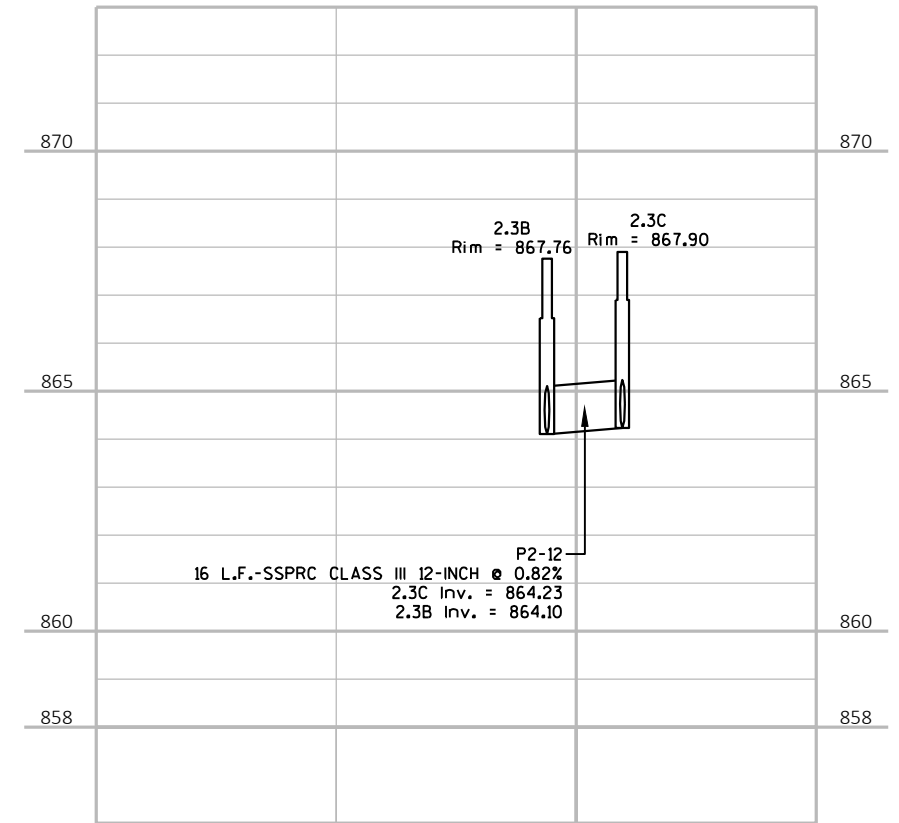
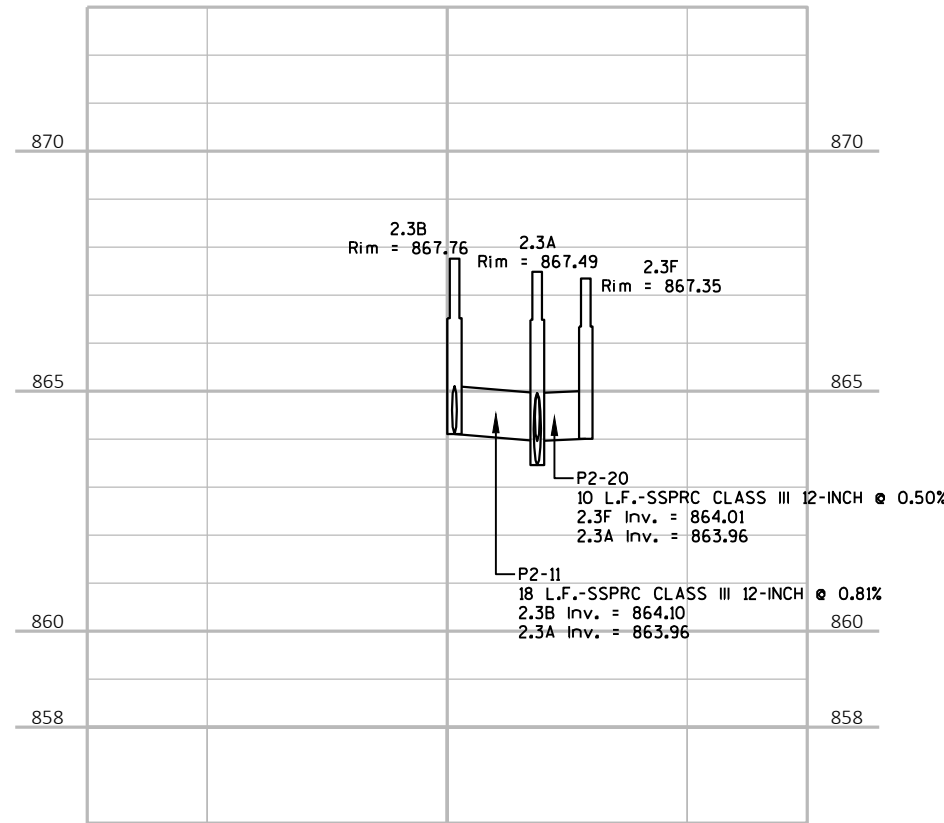
NOTE: EXISTING 36" FORCEMAIN INFORMATION IS APPROXIMATE. FIELD VERIFY DEPTH PRIOR TO CONSTRUCTION.

NOTE: ALL EXISTING STORM SEWER INFORMATION IS APPROXIMATE. FIELD VERIFY DEPTHS PRIOR TO CONSTRUCTION.

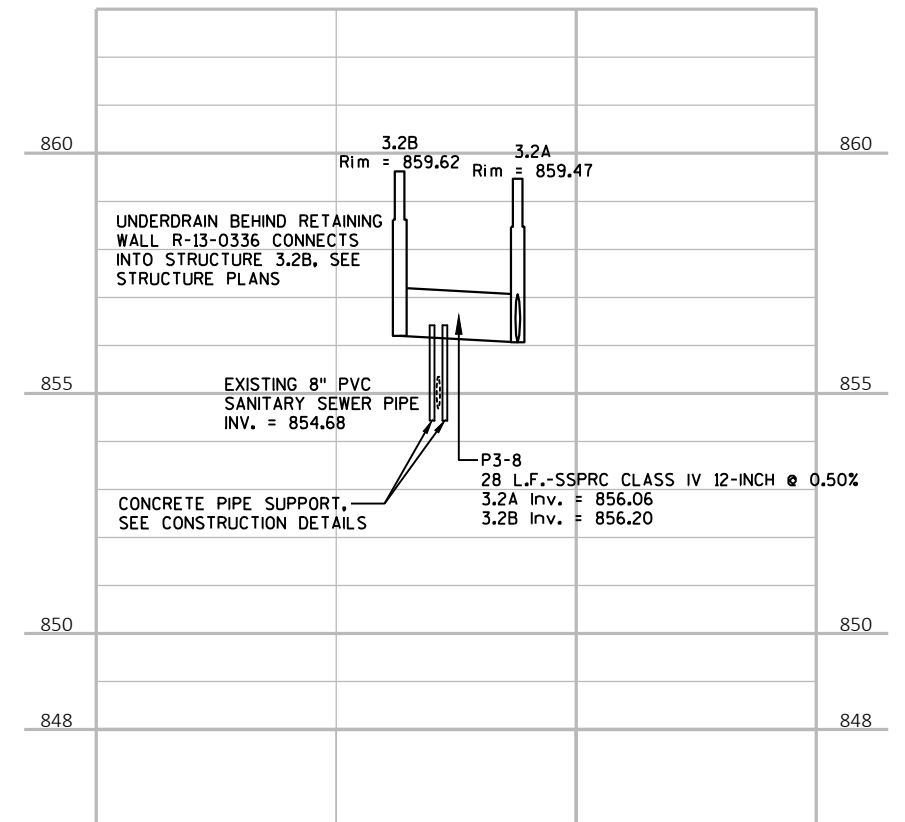
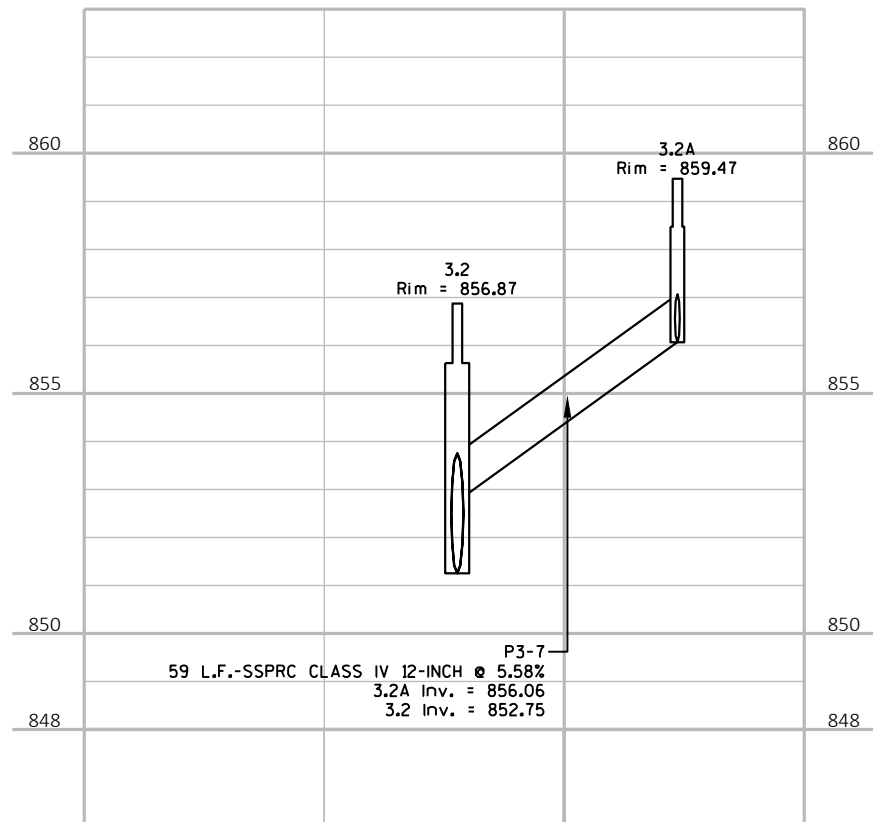
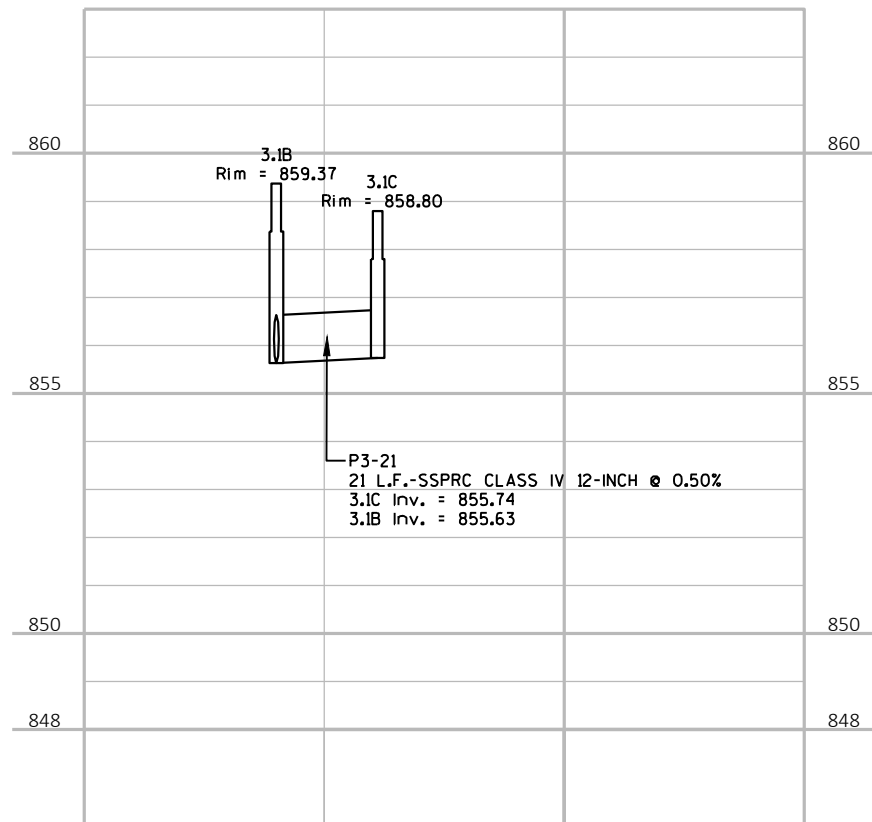
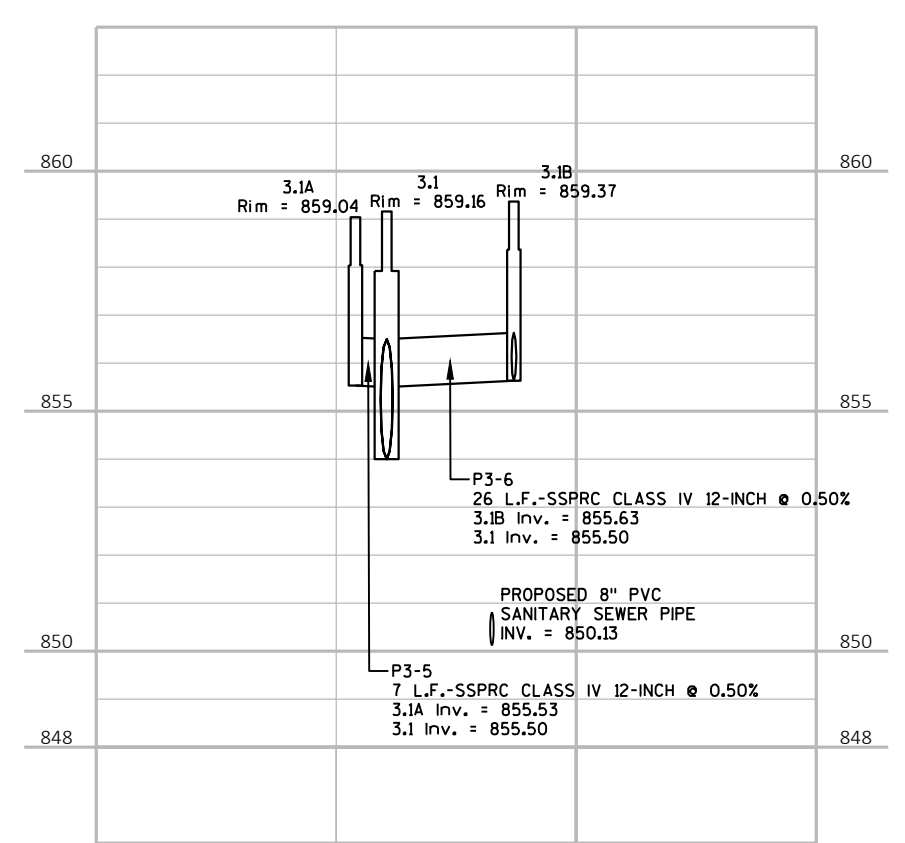
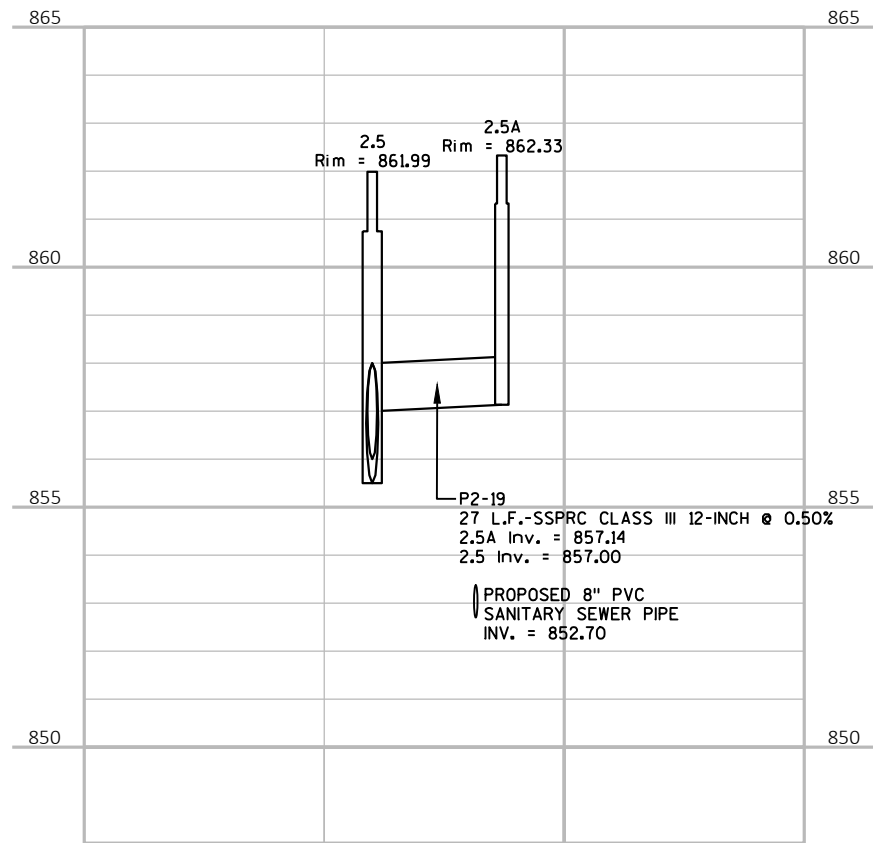
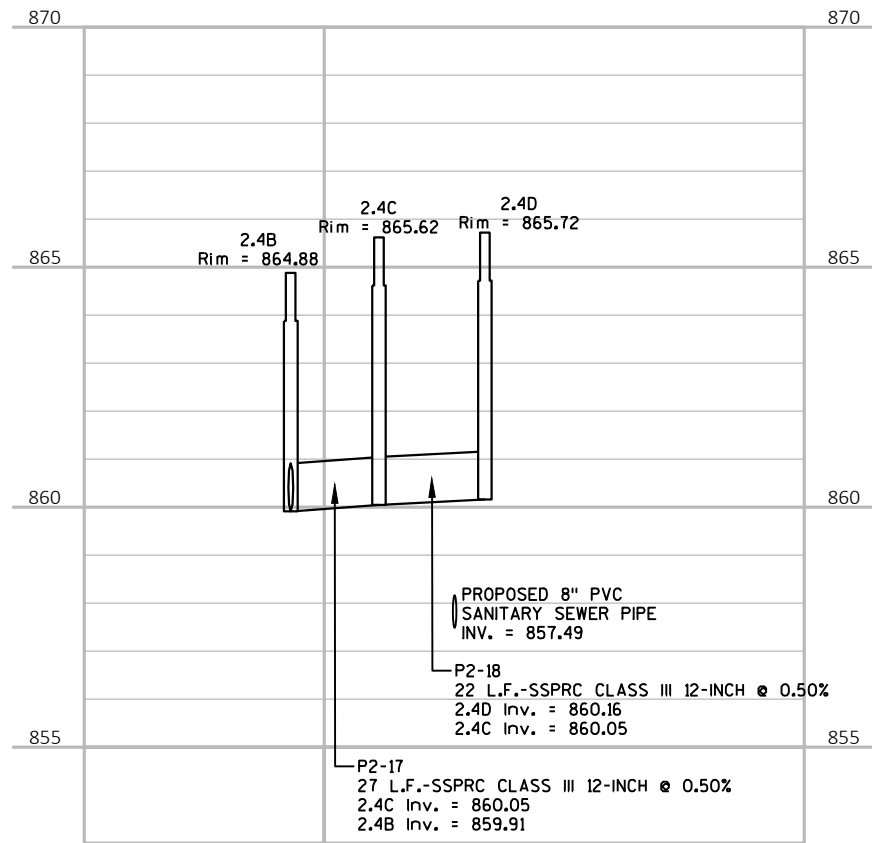


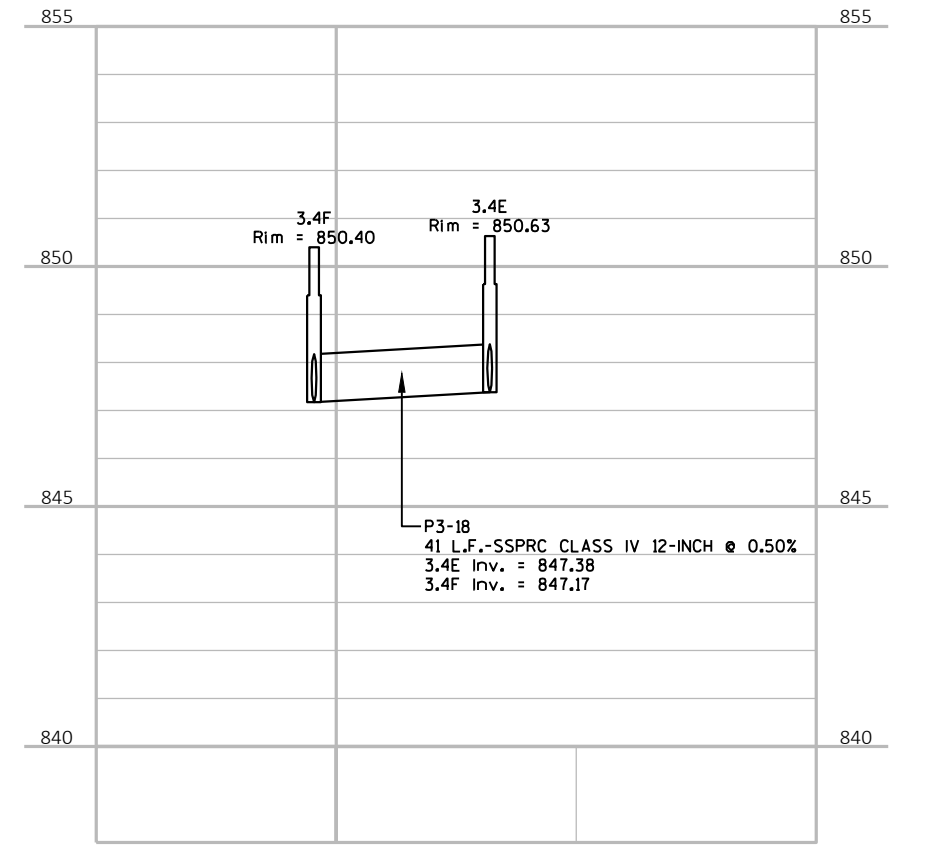
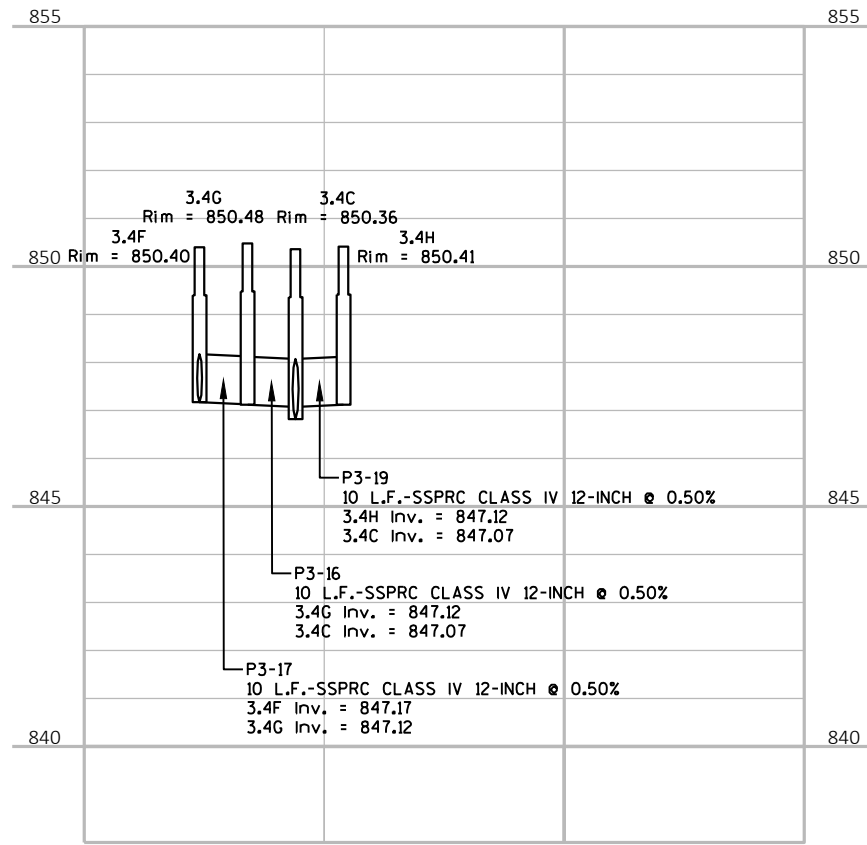
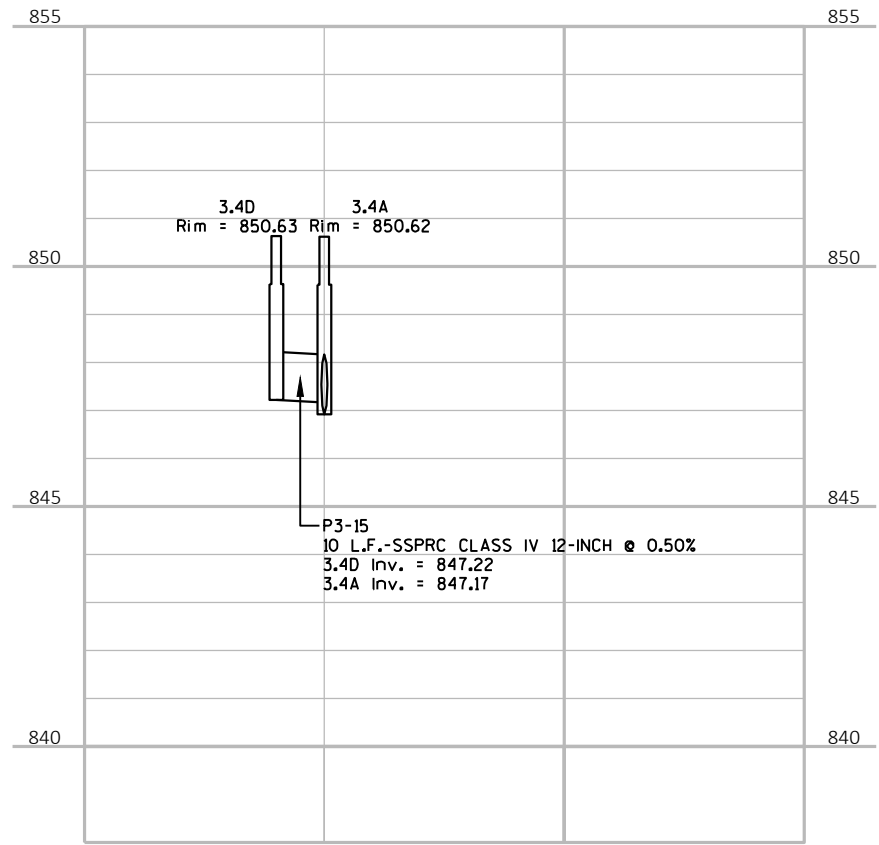
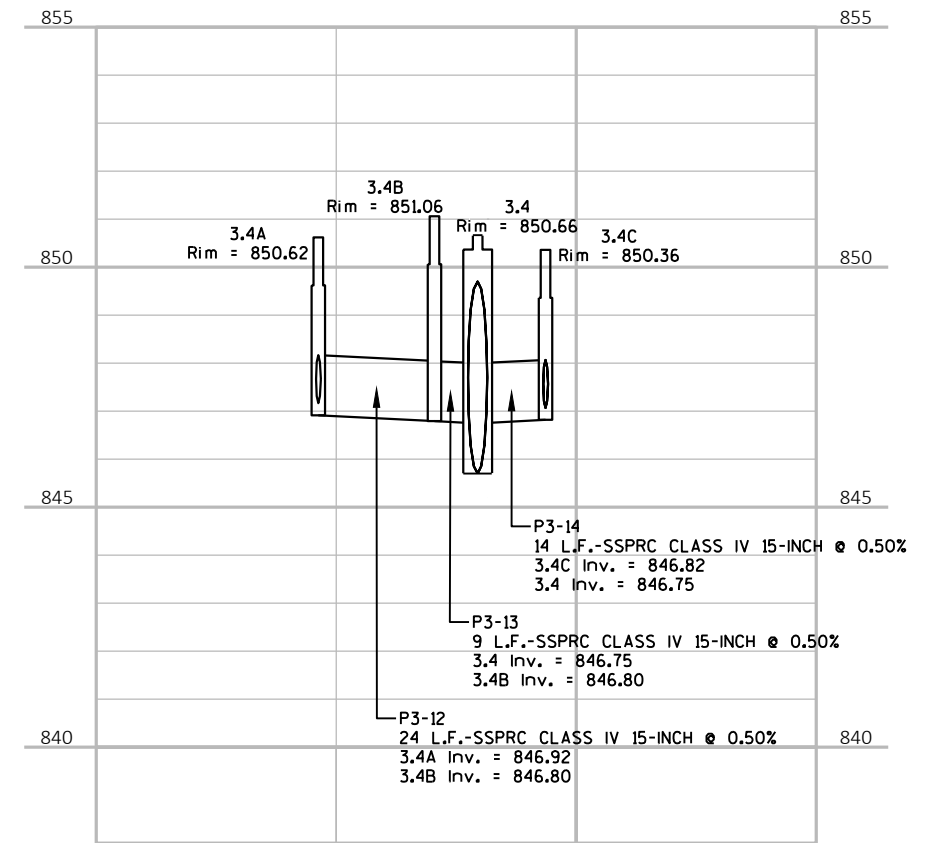
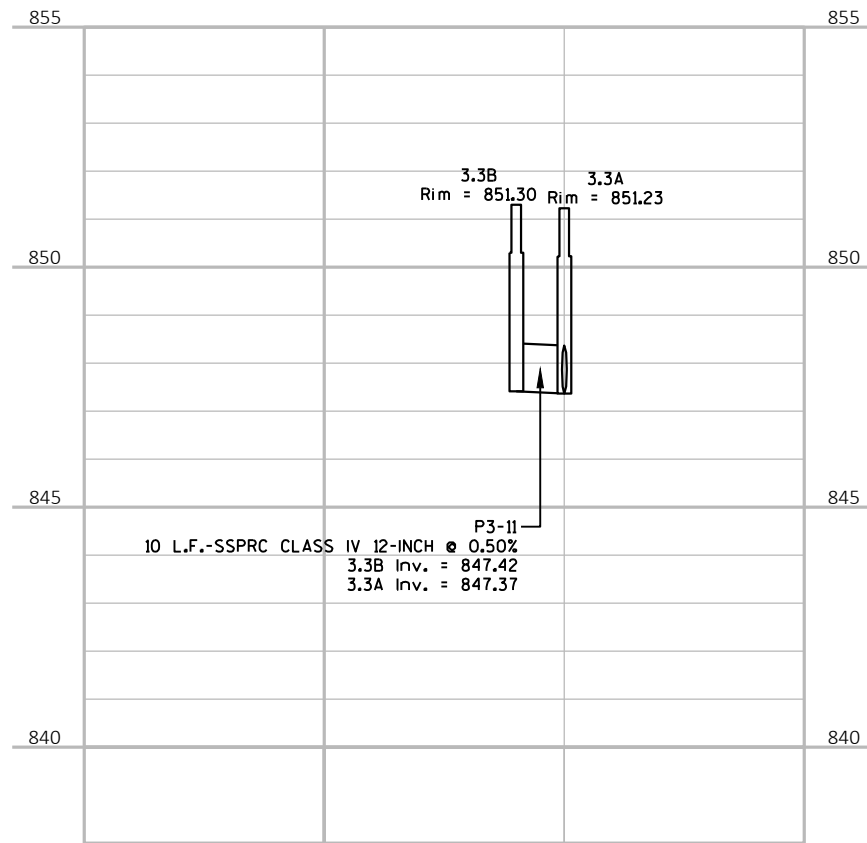
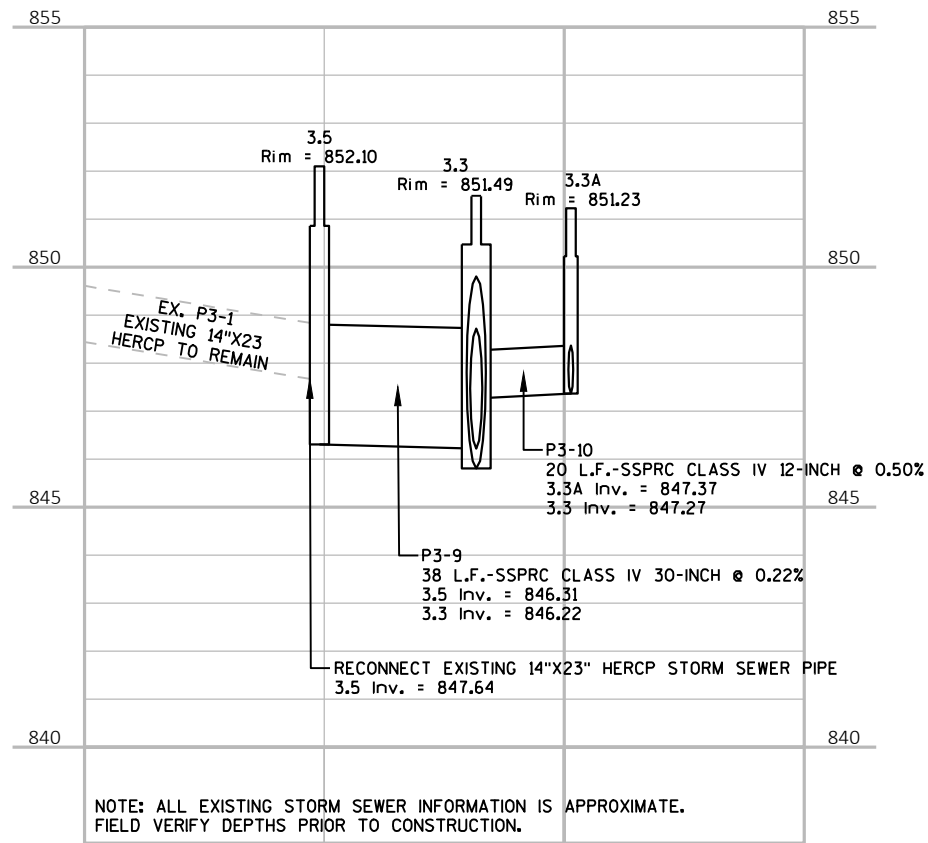


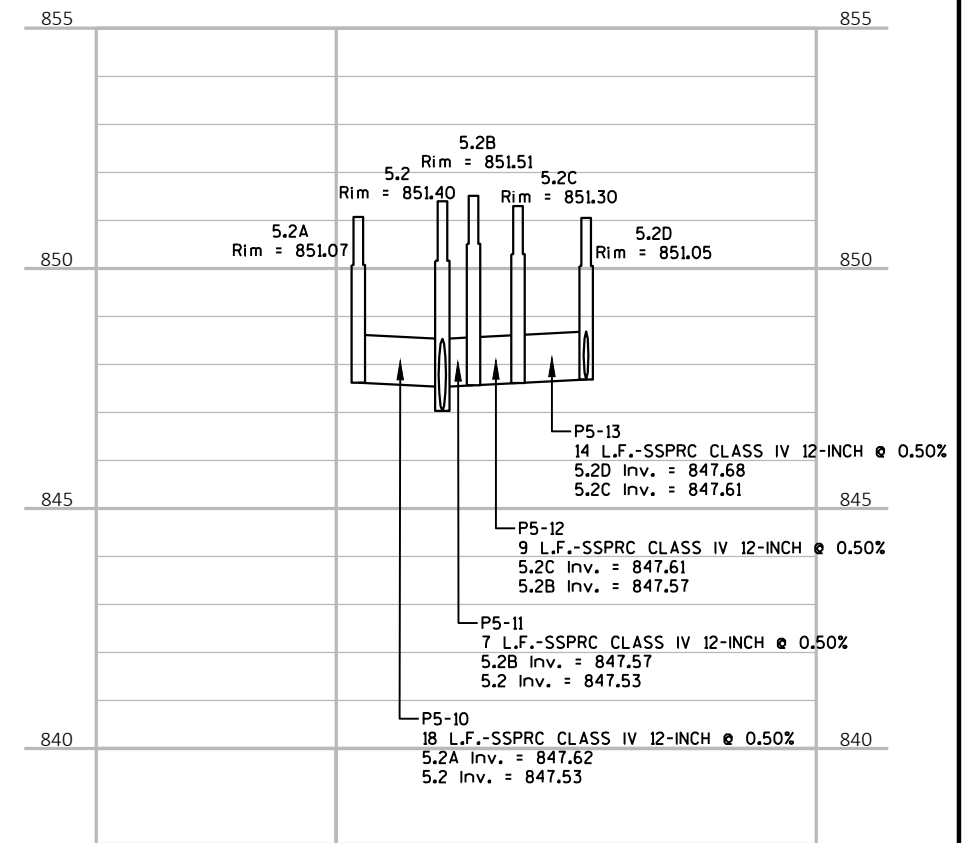
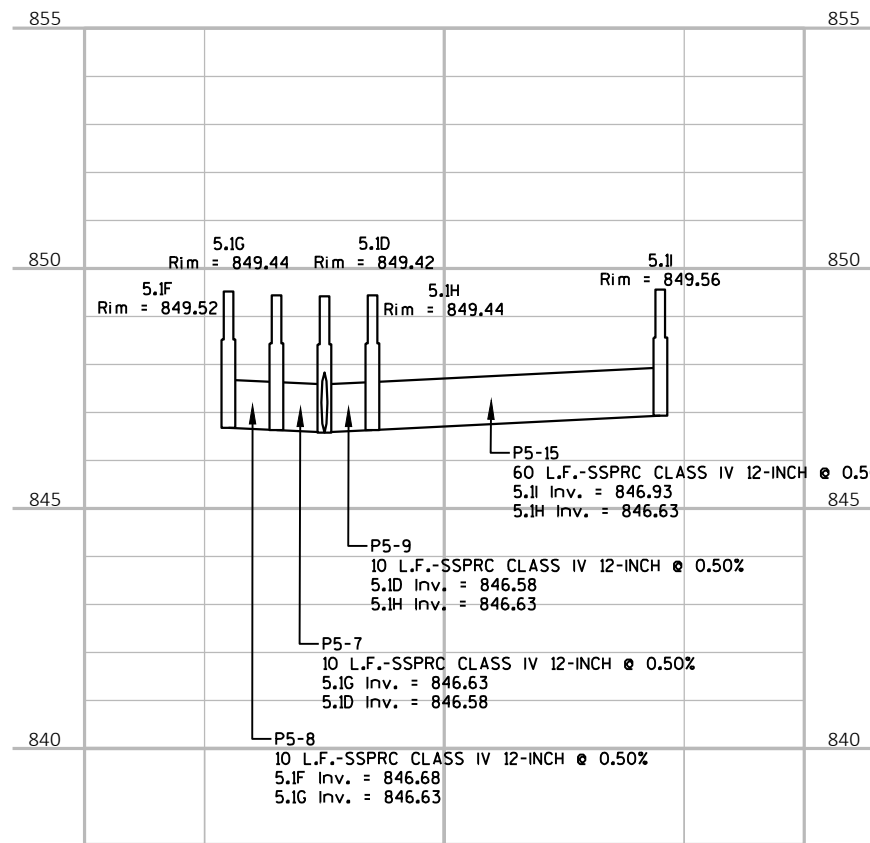
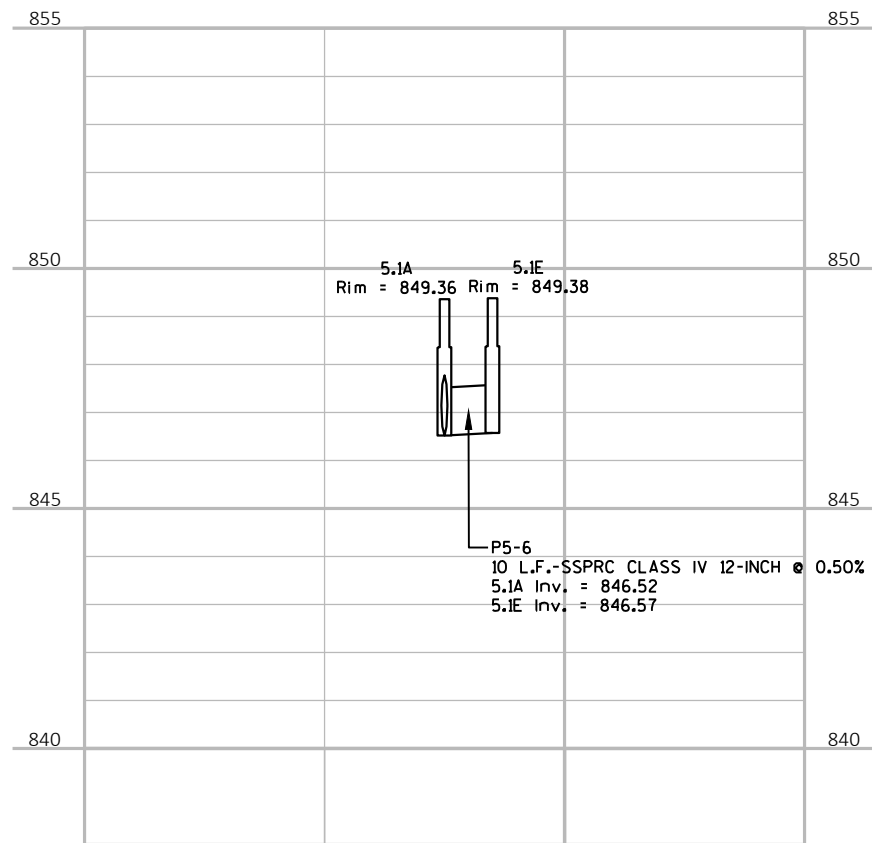
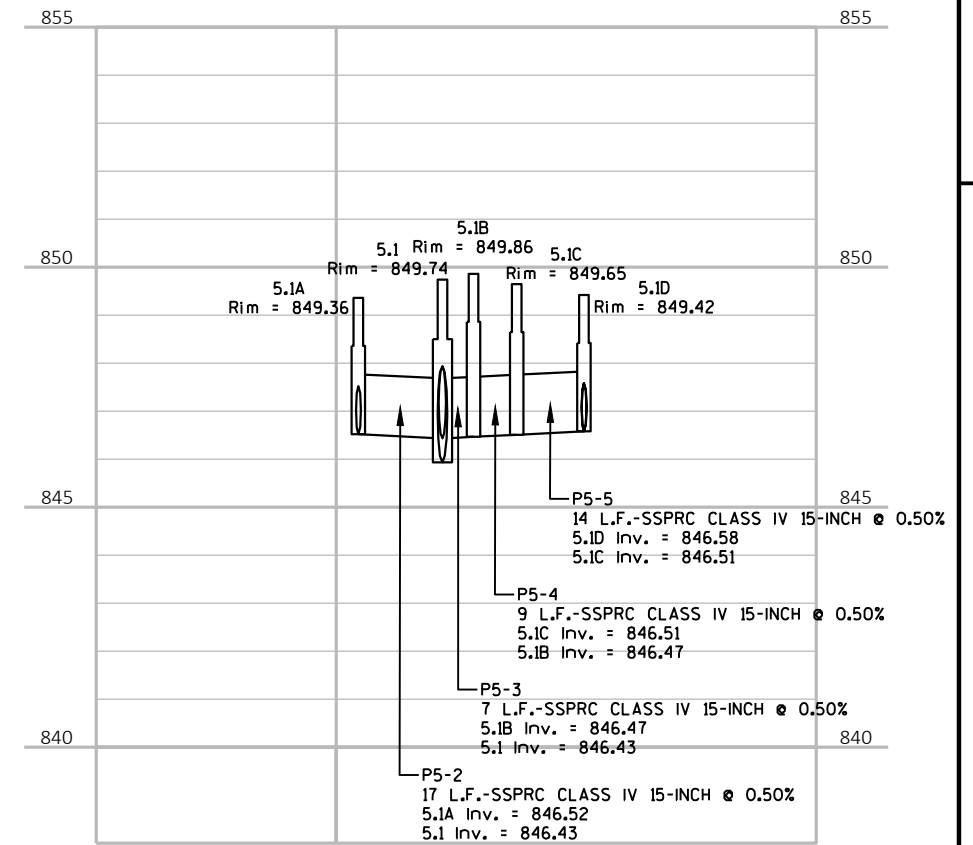
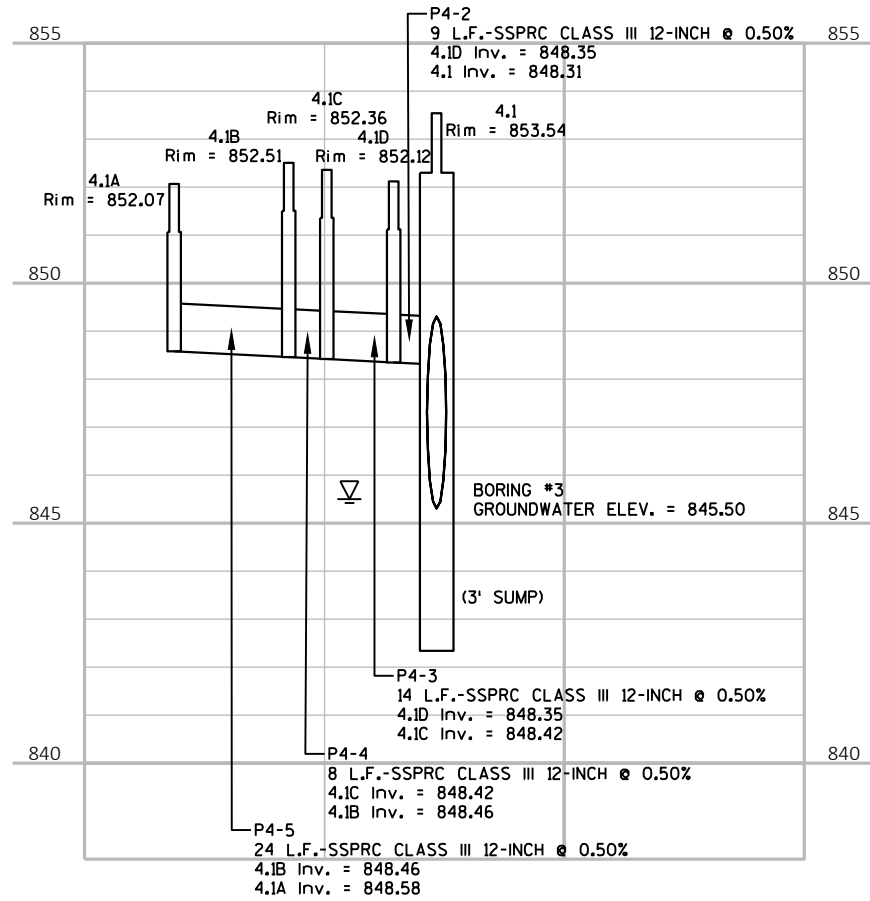
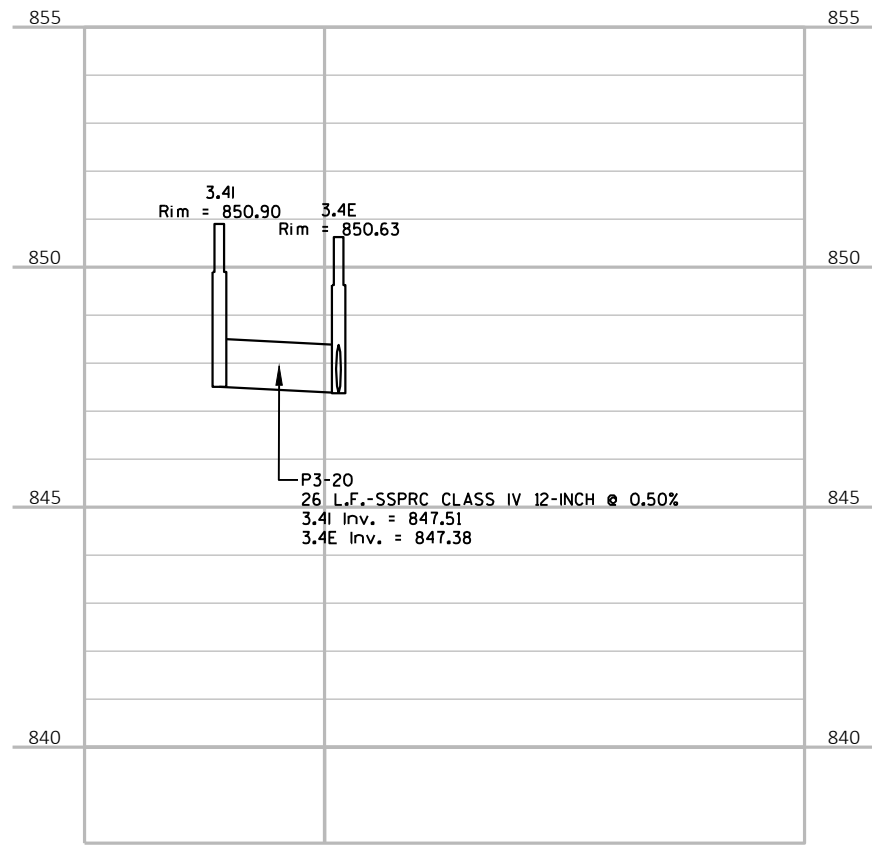
NOTE: ALL EXISTING STORM SEWER INFORMATION IS APPROXIMATE.
FIELD VERIFY DEPTHS PRIOR TO CONSTRUCTION.

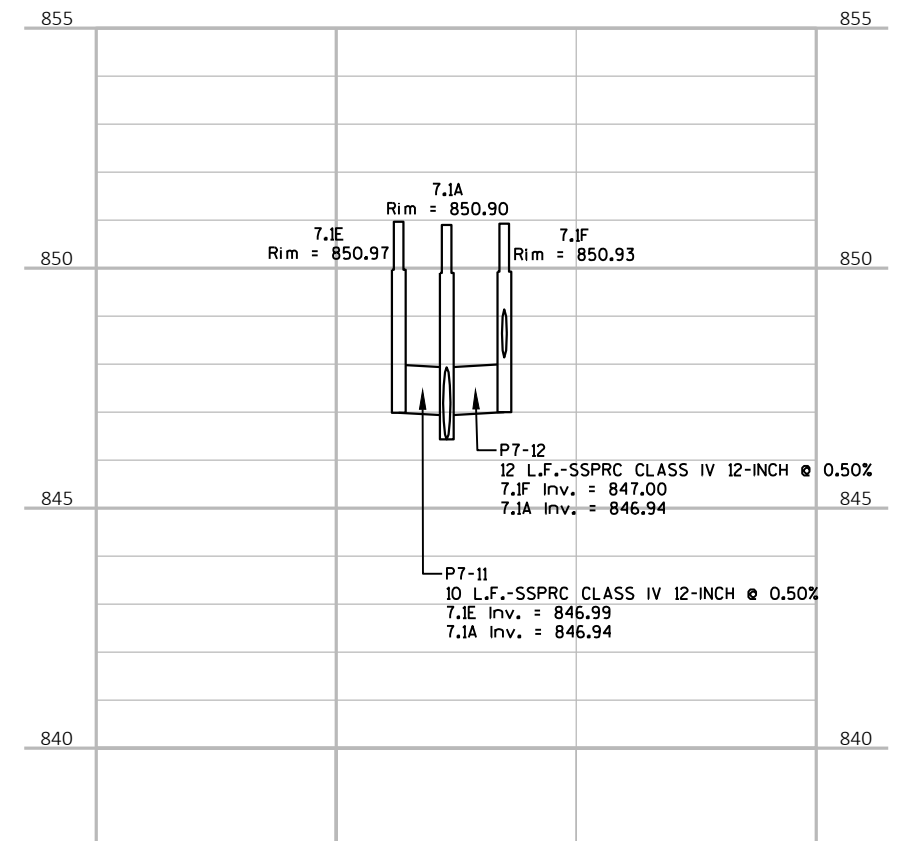
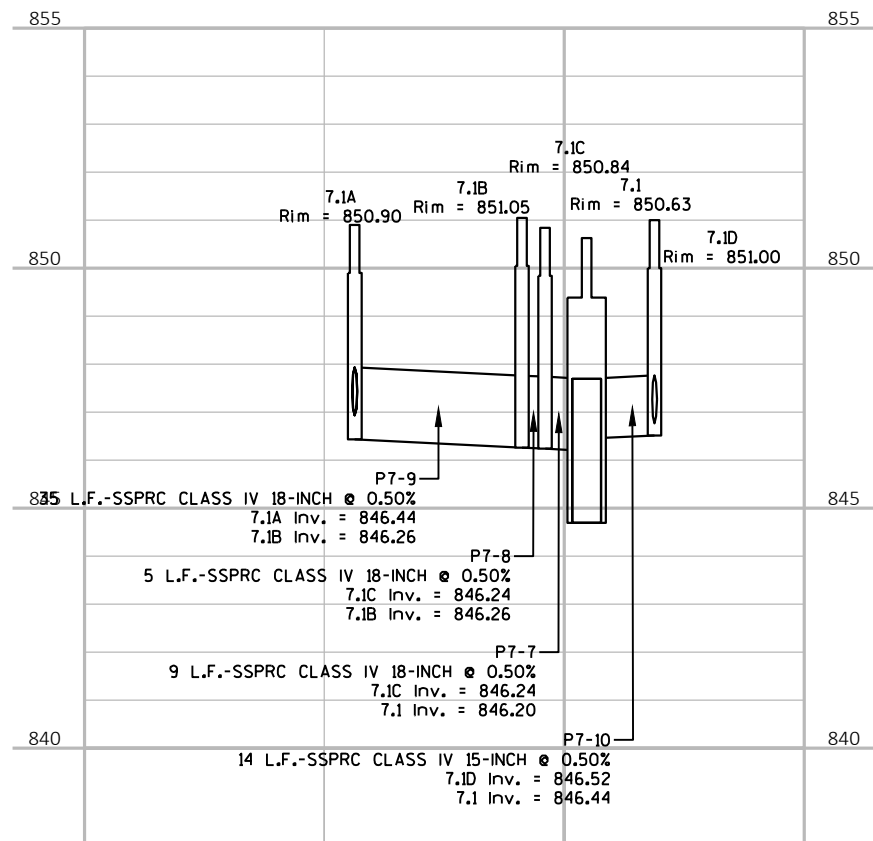
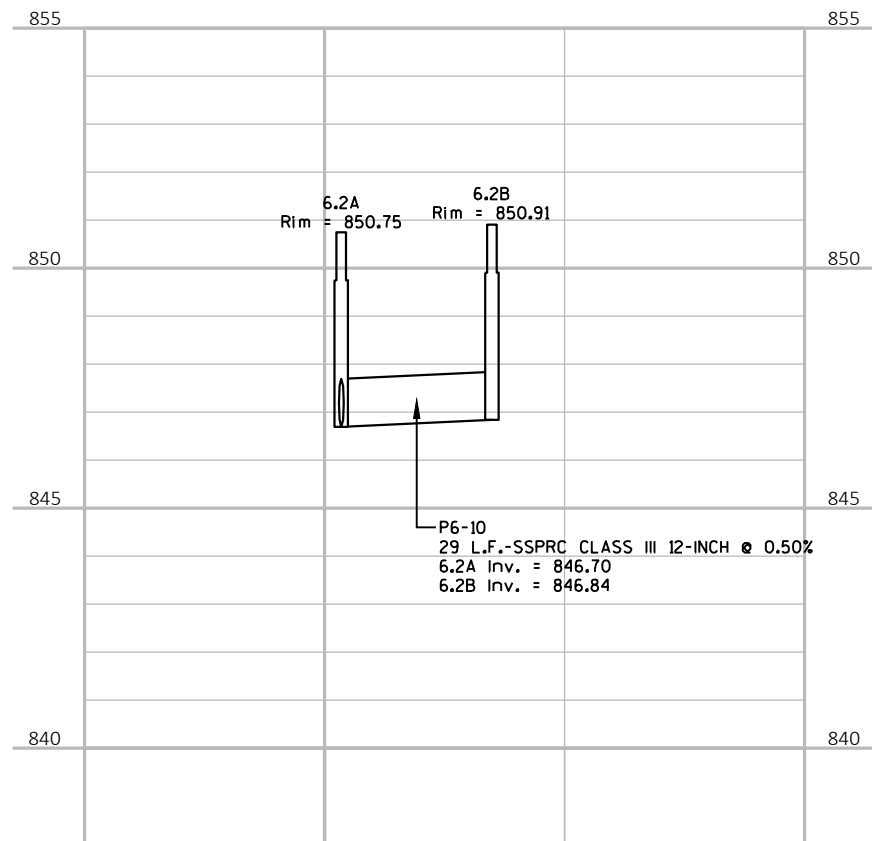
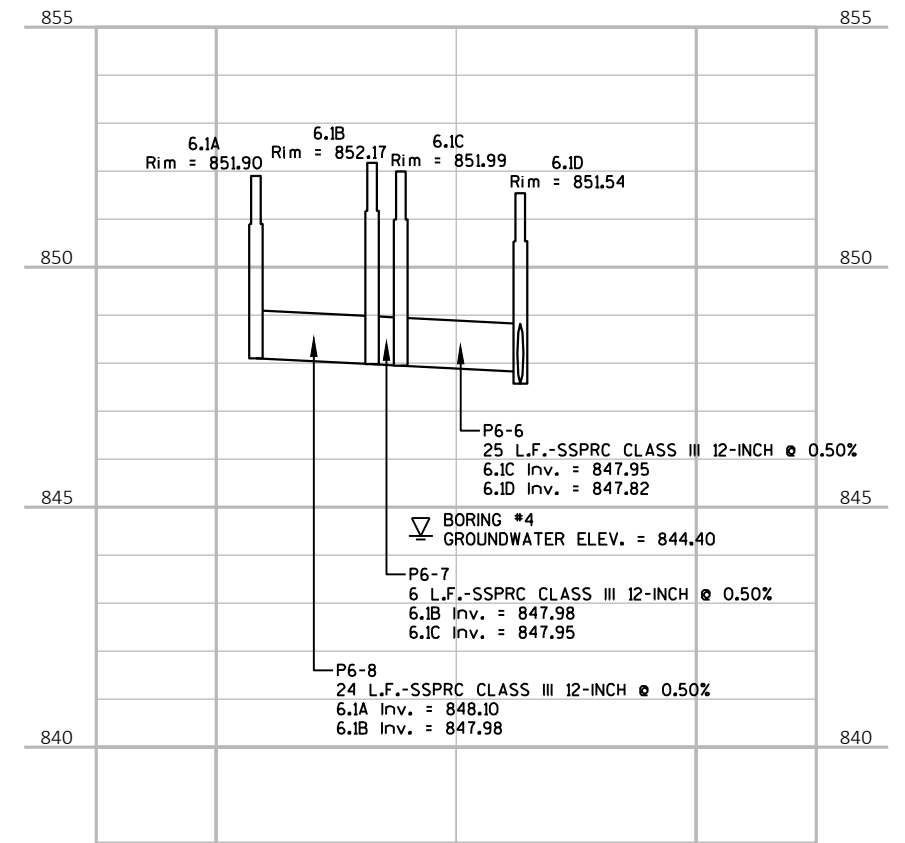
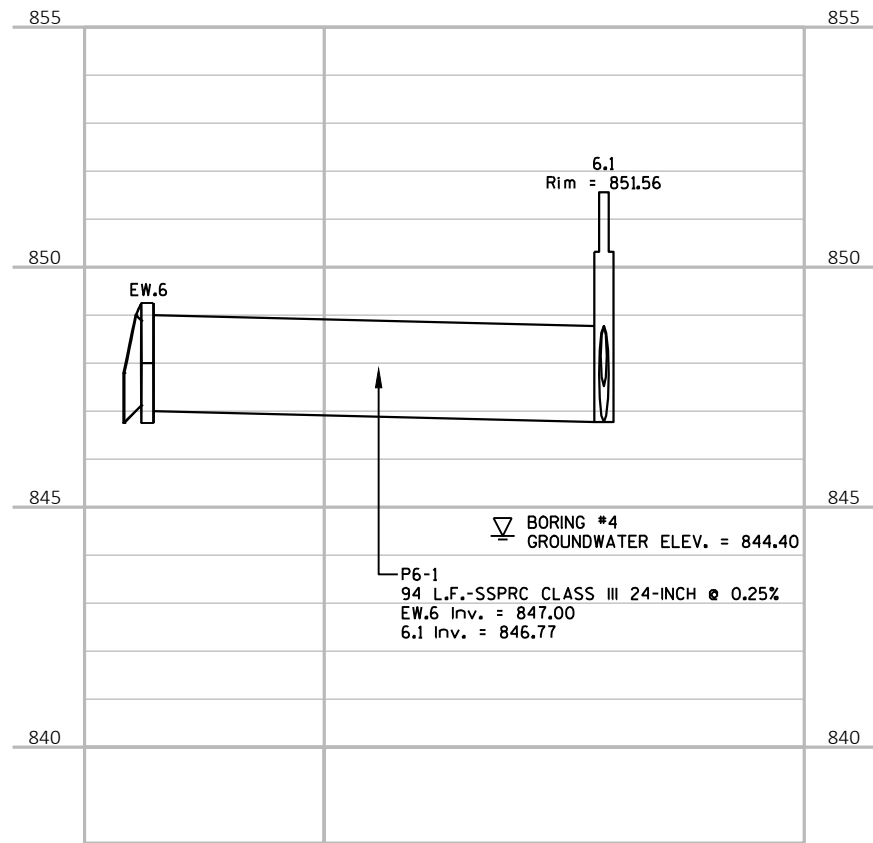
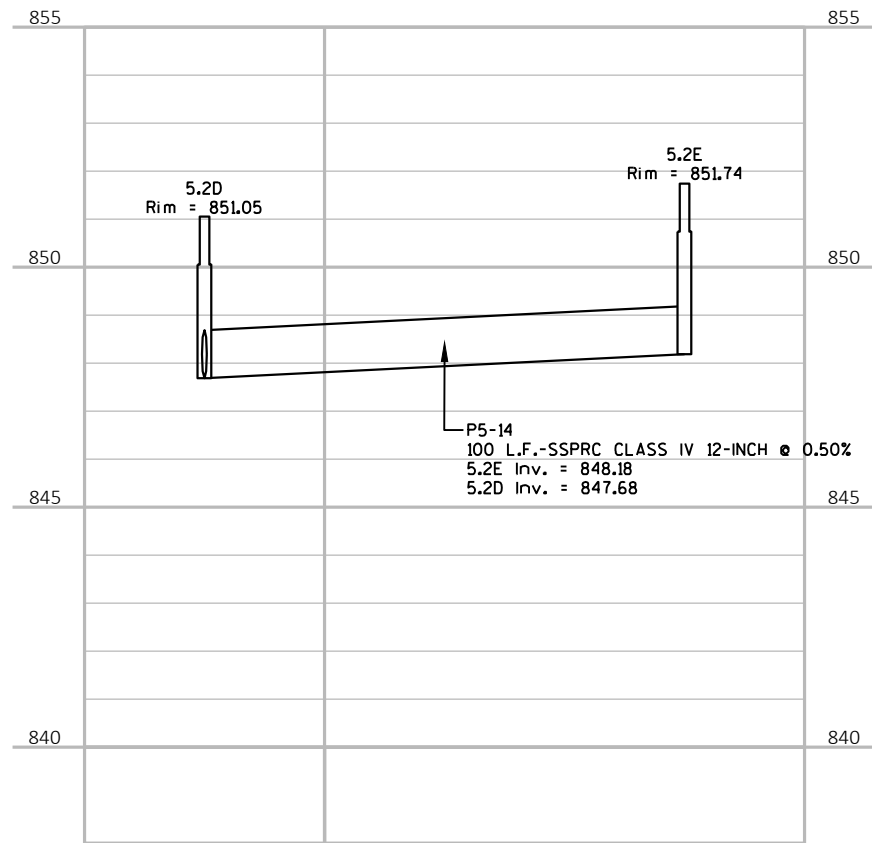


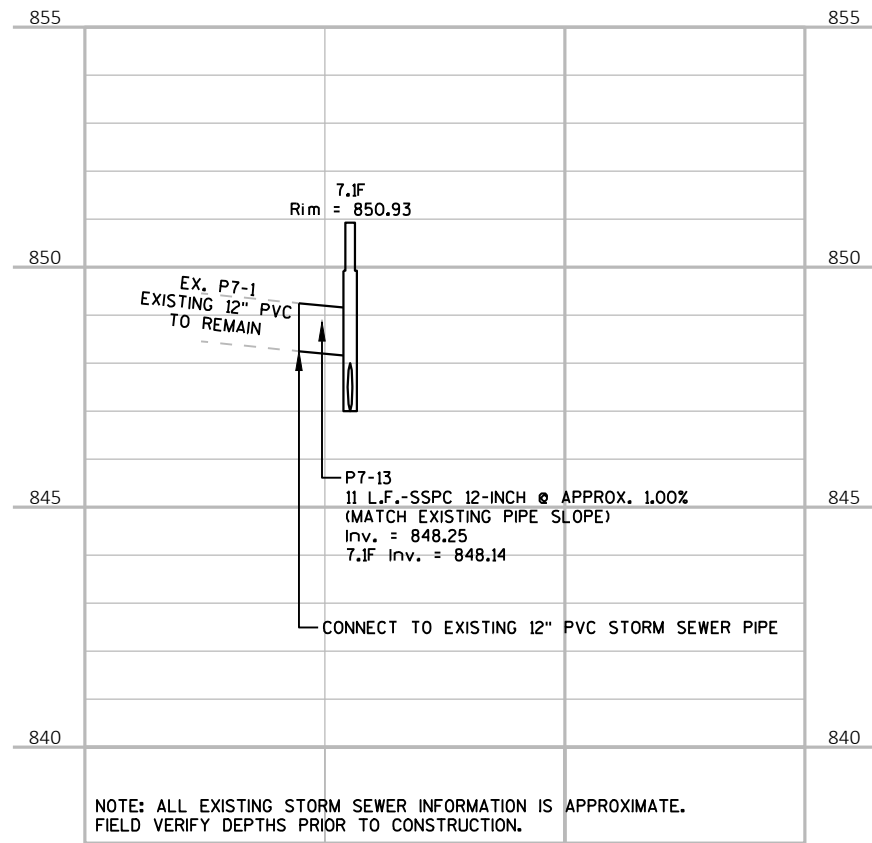
▽ BORING #2
GROUNDWATER ELEV. = 850.25



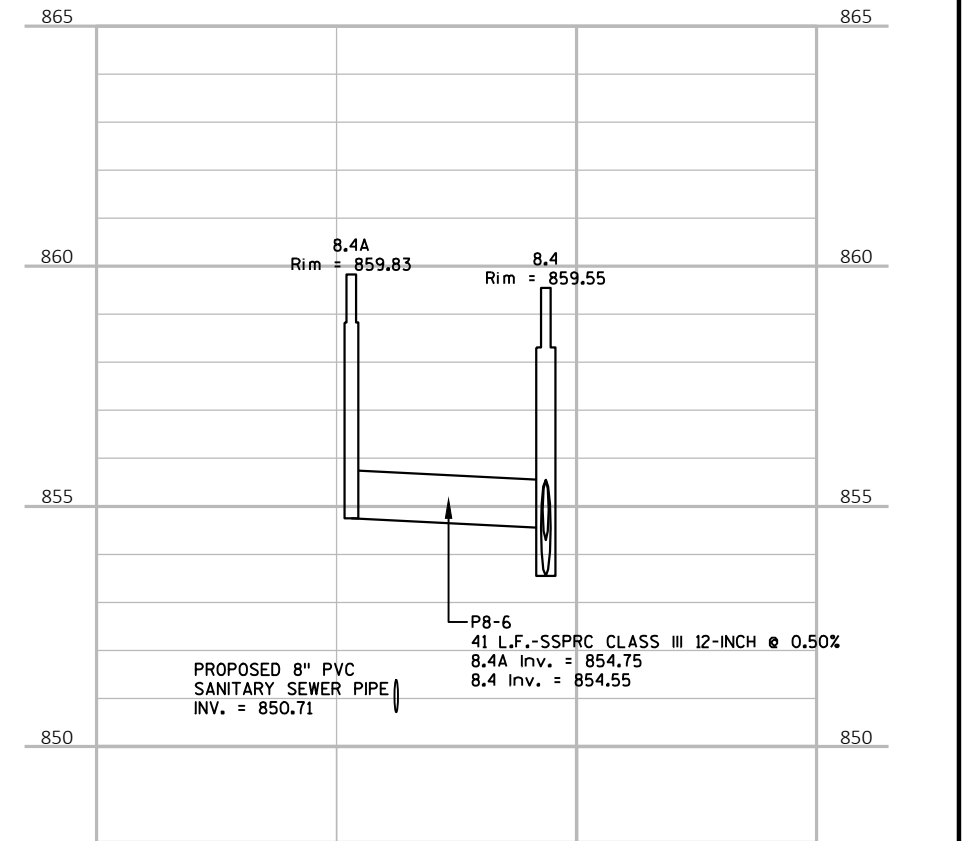
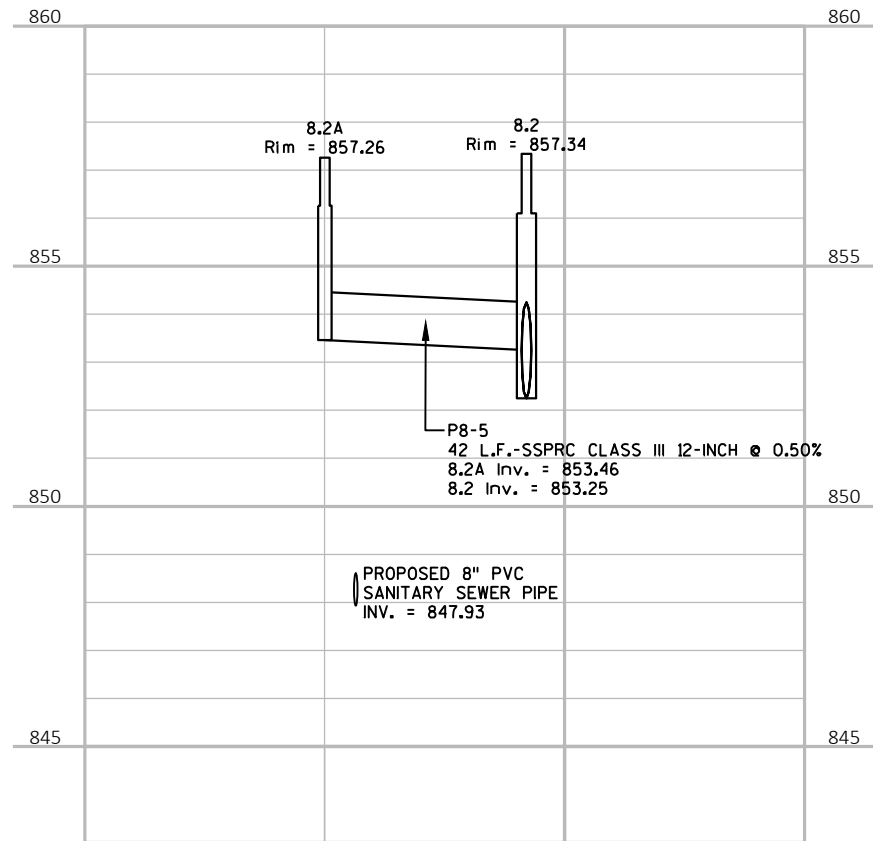
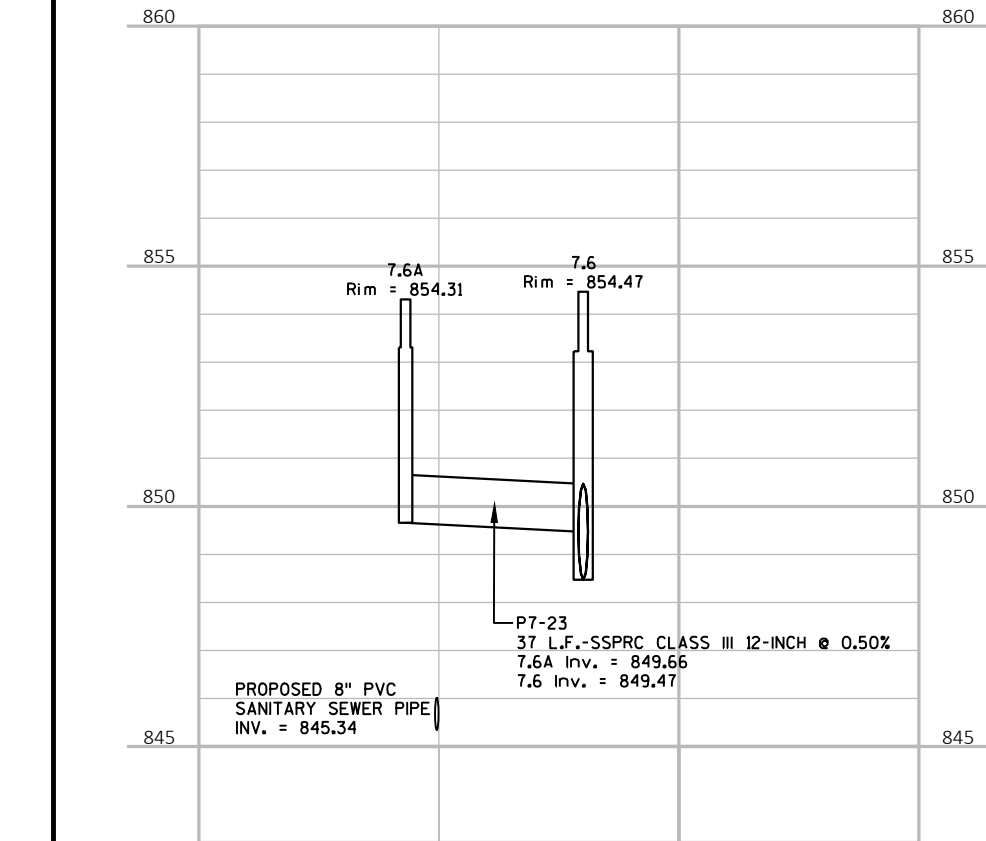
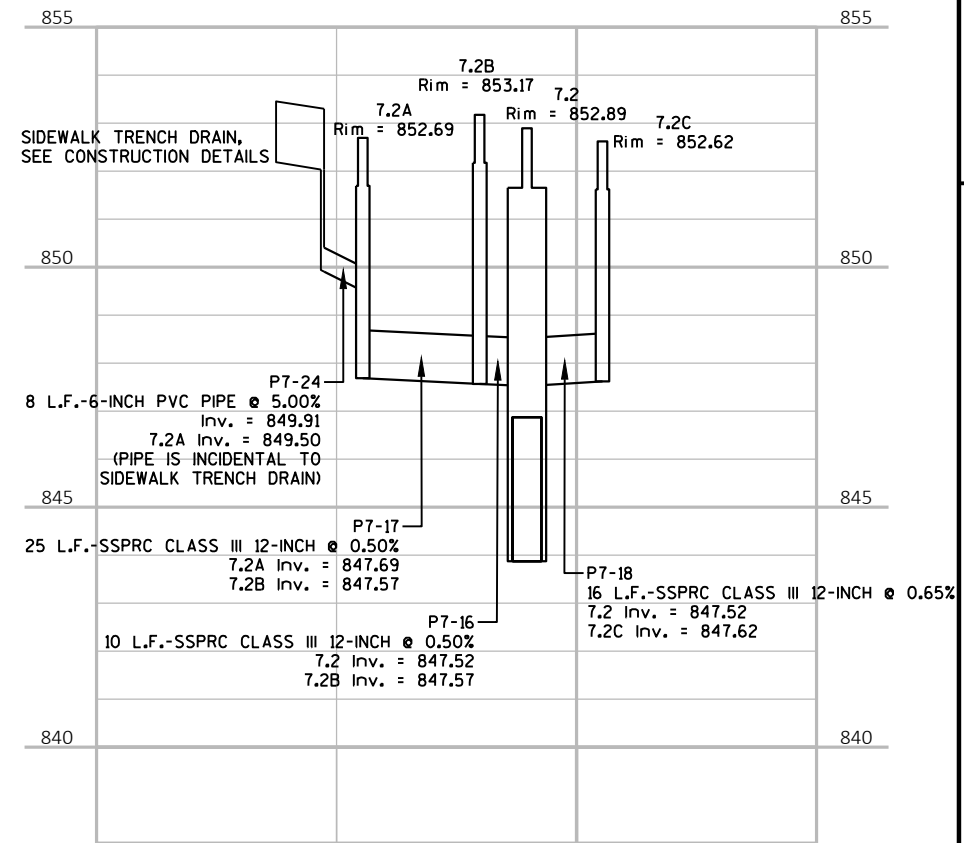
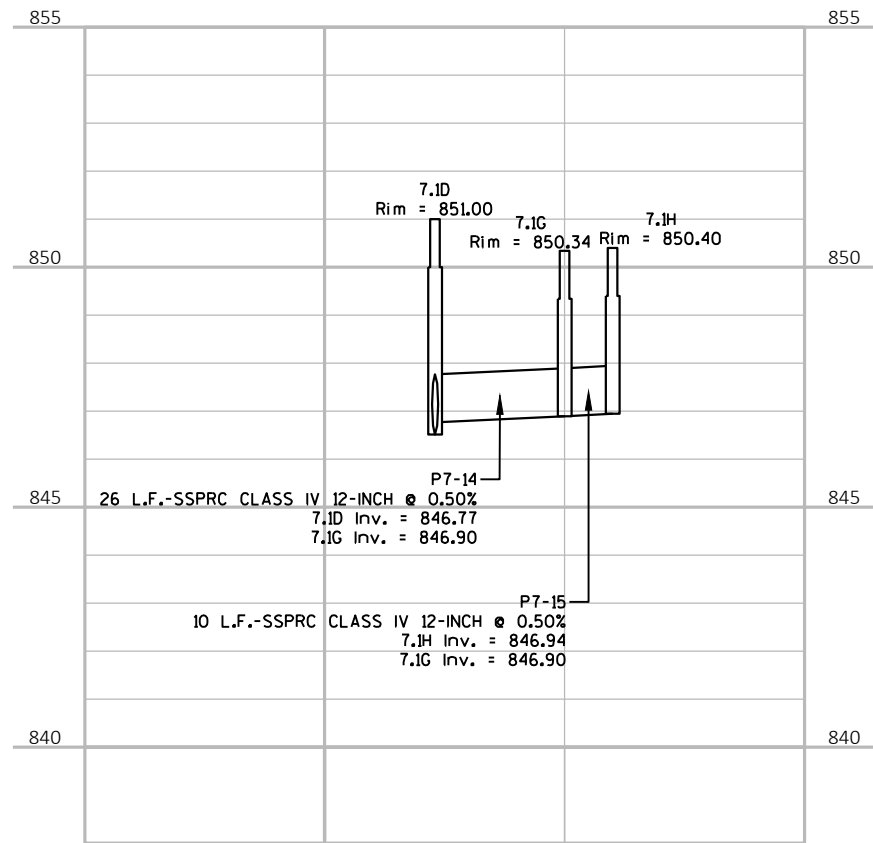


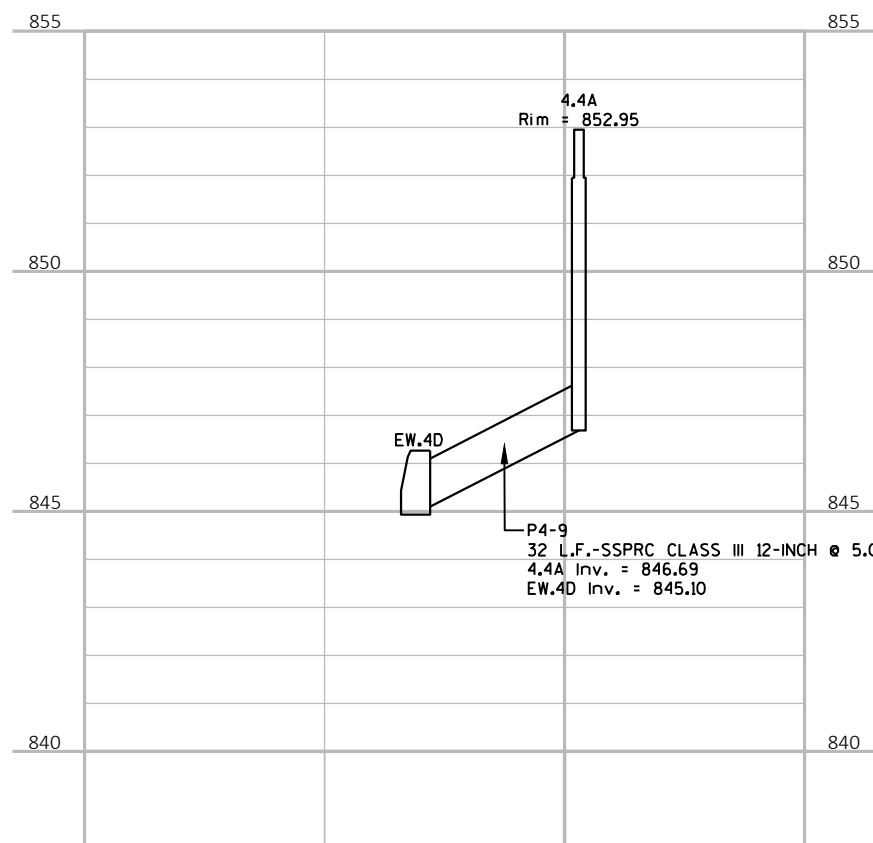
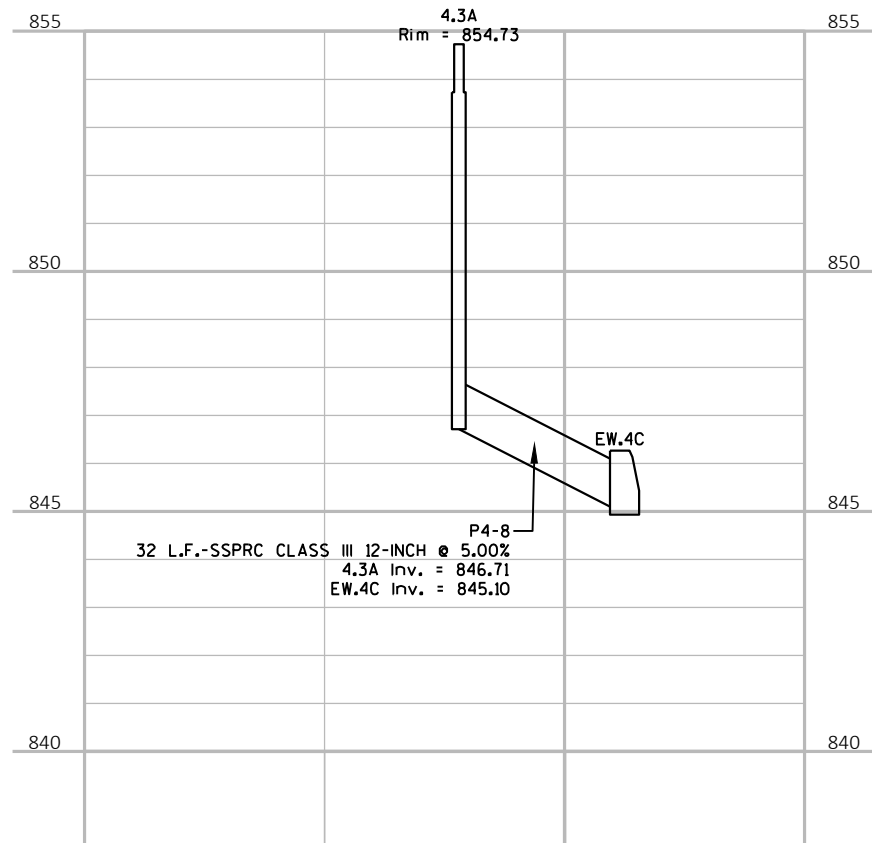
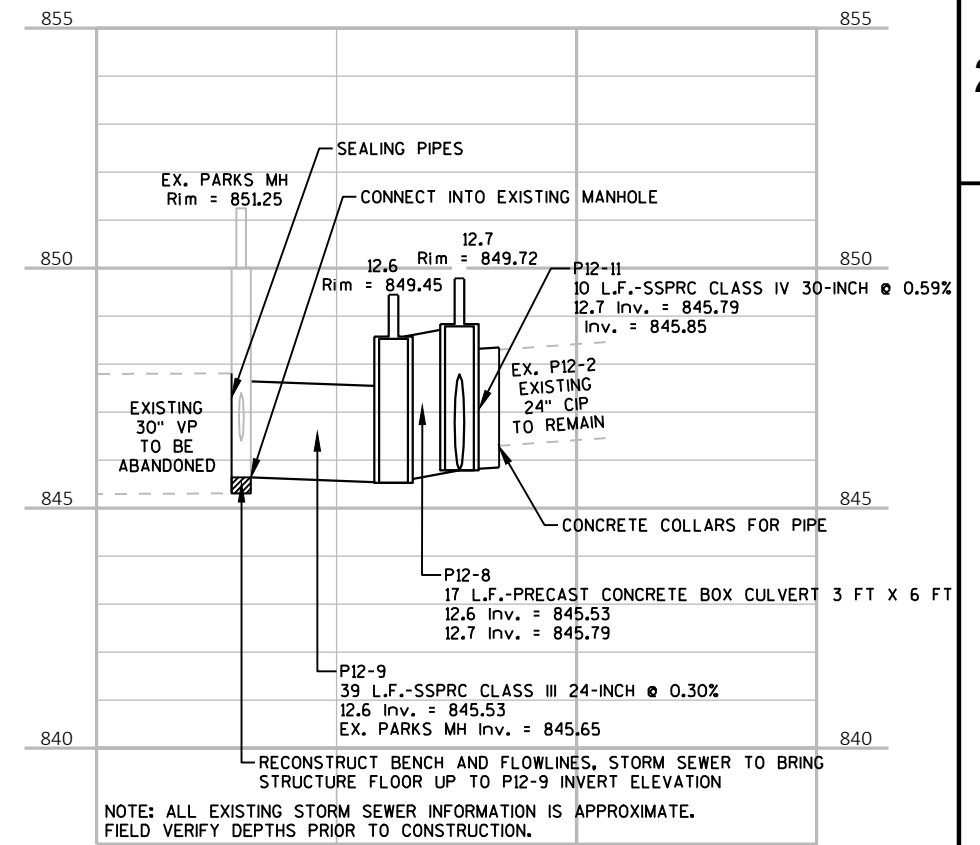
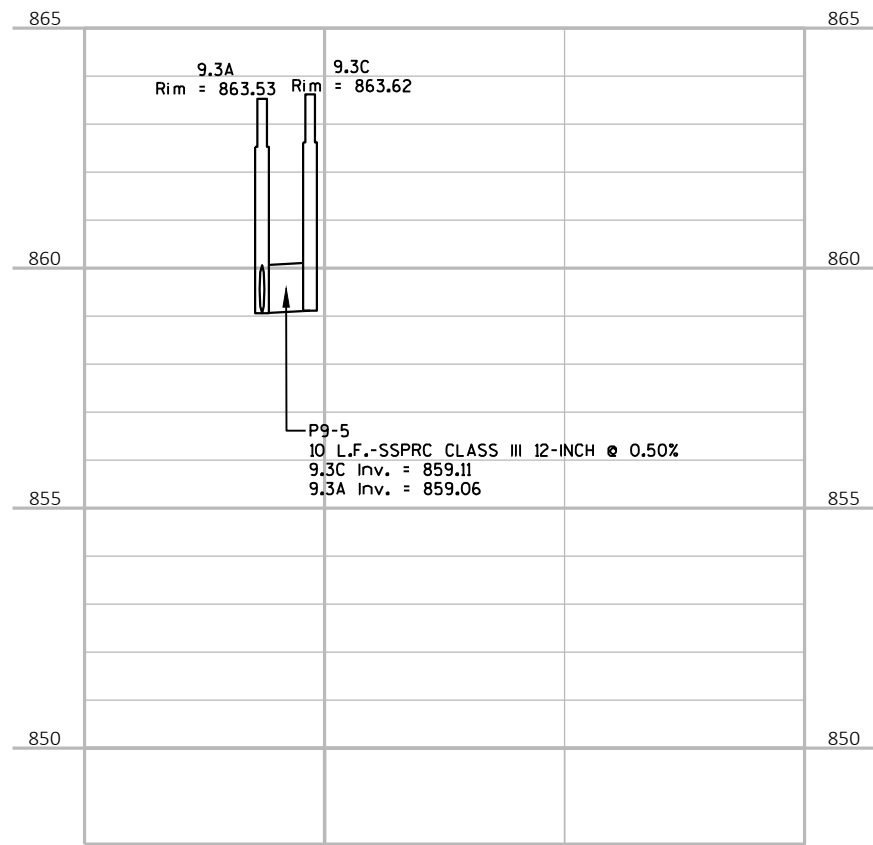
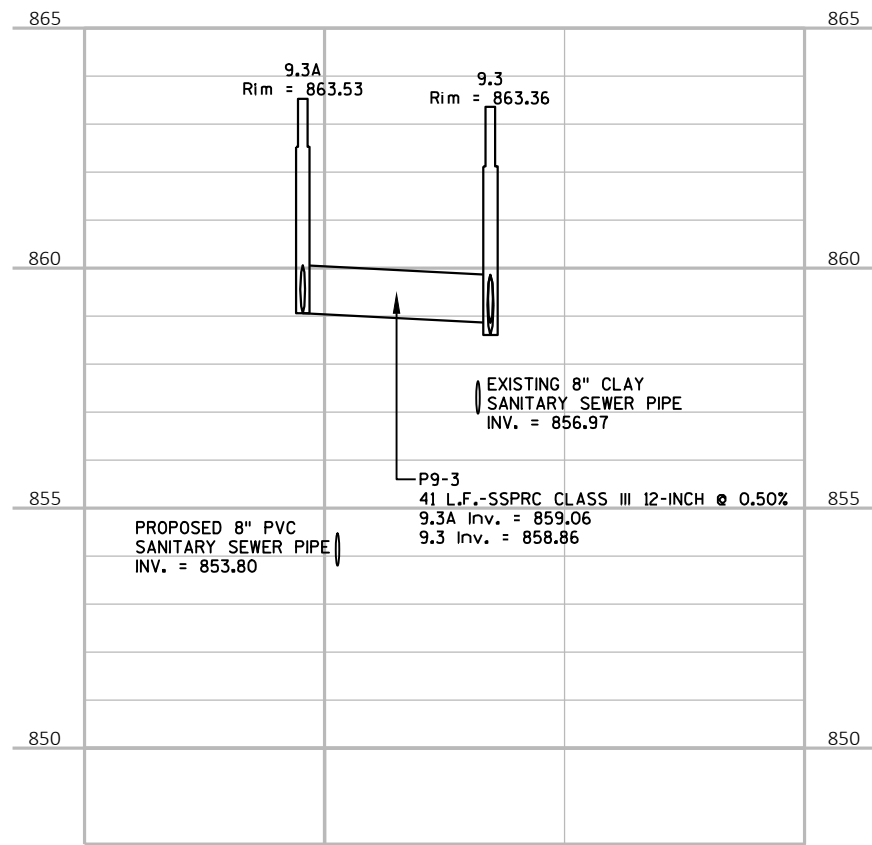






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STORM SEWER PIPE SCHEDULE

PIPE NO.	DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE LENGTH (FT)	DOWNSTREAM INVERT	UPSTREAM INVERT	PIPE SLOPE	PIPE SIZE	PIPE TYPE
P1-1	2.1	1.1	153	869.50	877.00	4.90%	18"	SSPRC Class IV
P1-2	1.1	1.2	27	877.00	877.66	2.43%	18"	SSPRC Class IV
P1-3	1.2	1.3	33	877.66	878.38	2.21%	18"	SSPRC Class IV
P1-4	1.3	1.4	10	878.38	878.50	1.19%	18"	SSPRC Class IV
P1-5	1.4	1.5	10	878.50	878.62	1.19%	18"	SSPRC Class IV
P1-6	1.3	1.3A	33	879.21	880.20	2.99%	12"	SSPRC Class IV
P2-1	2.2	2.1	98	865.00	869.50	4.61%	18"	SSPRC Class IV
P2-2	2.3	2.2	89	862.00	864.50	2.80%	24"	SSPRC Class IV
P2-3	2.4	2.3	172	858.78	862.00	1.87%	24"	SSPRC Class III
P2-4	2.5	2.4	147	856.00	858.78	1.89%	24"	SSPRC Class III
P2-5	3.1	2.5	100	854.00	855.50	1.50%	30"	SSPRC Class IV
P2-6	2.1	2.1A	29	870.00	870.15	0.50%	12"	SSPRC Class IV
P2-7	2.2	2.2A	6	865.50	865.53	0.50%	12"	SSPRC Class IV
P2-8	2.2	2.2B	35	865.50	865.68	0.50%	12"	SSPRC Class IV
P2-9	2.2A	2.2C	9	865.53	865.57	0.50%	12"	SSPRC Class IV
P2-10	2.3	2.3A	32	862.50	863.46	3.00%	18"	SSPRC Class III
P2-11	2.3A	2.3B	18	863.96	864.10	0.81%	12"	SSPRC Class III
P2-12	2.3B	2.3C	16	864.10	864.23	0.82%	12"	SSPRC Class III
P2-13	2.3C	2.3D	30	864.23	864.38	0.50%	12"	SSPRC Class III
P2-14	2.3D	2.3E	10	864.38	864.43	0.50%	12"	SSPRC Class III
P2-15	2.4	2.4A	6	859.78	859.81	0.50%	12"	SSPRC Class III
P2-16	2.4	2.4B	27	859.78	859.91	0.50%	12"	SSPRC Class III
P2-17	2.4B	2.4C	27	859.91	860.05	0.50%	12"	SSPRC Class III
P2-18	2.4C	2.4D	22	860.05	860.16	0.50%	12"	SSPRC Class III
P2-19	2.5	2.5A	27	857.00	857.14	0.50%	12"	SSPRC Class III
P2-20	2.3A	2.3F	10	863.96	864.01	0.50%	12"	SSPRC Class III
P3-1	3.2	3.1	87	851.25	854.00	3.17%	30"	SSPRC Class IV
P3-2	3.3	3.2	225	846.22	851.25	2.23%	30"	SSPRC Class IV
P3-3	3.4	3.3	97	845.70	845.81	0.11%	48"	SSPRC Class IV
P3-4	4.1	3.4	305	845.31	845.70	0.13%	48"	SSPRC Class IV
P3-5	3.1	3.1A	7	855.50	855.53	0.50%	12"	SSPRC Class IV
P3-6	3.1	3.1B	26	855.50	855.63	0.50%	12"	SSPRC Class IV
P3-7	3.2	3.2A	59	852.75	856.06	5.58%	12"	SSPRC Class IV
P3-8	3.2A	3.2B	28	856.06	856.20	0.50%	12"	SSPRC Class IV
P3-9	3.3	3.5	38	846.22	846.31	0.22%	30"	SSPRC Class IV
P3-10	3.3	3.3A	20	847.27	847.37	0.50%	12"	SSPRC Class IV
P3-11	3.3A	3.3B	10	847.37	847.42	0.50%	12"	SSPRC Class IV
P3-12	3.4B	3.4A	24	846.80	846.92	0.50%	15"	SSPRC Class IV
P3-13	3.4	3.4B	9	846.75	846.80	0.50%	15"	SSPRC Class IV
P3-14	3.4	3.4C	14	846.75	846.82	0.50%	15"	SSPRC Class IV
P3-15	3.4A	3.4D	10	847.17	847.22	0.50%	12"	SSPRC Class IV
P3-16	3.4C	3.4G	10	847.07	847.12	0.50%	12"	SSPRC Class IV
P3-17	3.4G	3.4H	10	847.12	847.17	0.50%	12"	SSPRC Class IV
P3-18	3.4F	3.4E	41	847.17	847.38	0.50%	12"	SSPRC Class IV
P3-19	3.4C	3.4H	10	847.07	847.12	0.50%	12"	SSPRC Class IV
P3-20	3.4E	3.4I	26	847.38	847.51	0.50%	12"	SSPRC Class IV
P3-21	3.1B	3.1C	21	855.63	855.74	0.50%	12"	SSPRC Class IV
P4-1	EW.4A	4.1	158	845.10	845.31	0.13%	48"	SSPRC Class III
P4-2	4.1	4.1D	9	848.31	848.35	0.50%	12"	SSPRC Class III
P4-3	4.1D	4.1C	14	848.35	848.42	0.50%	12"	SSPRC Class III
P4-4	4.1C	4.1B	8	848.42	848.46	0.50%	12"	SSPRC Class III
P4-5	4.1B	4.1A	24	848.46	848.58	0.50%	12"	SSPRC Class III
P4-6	EW.4B	4.2	97	845.10	845.29	0.20%	24"	SSPRC Class III
P4-7	4.2	5.1	320	845.29	845.93	0.20%	24"	SSPRC Class IV
P4-8	EW.4C	4.3A	32	845.10	846.71	0.50%	12"	SSPRC Class III

(CONTINUED ON NEXT SHEET)

STORM SEWER PIPE SCHEDULE (CONTINUED)

PIPE NO.	DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE LENGTH (FT)	DOWNSTREAM INVERT	UPSTREAM INVERT	PIPE SLOPE	PIPE SIZE	PIPE TYPE
P4-9	EW.4D	4.4A	32	845.10	846.69	0.50%	12"	SSPRC Class III
P5-1	5.1	5.2	300	846.43	847.03	0.20%	18"	SSPRC Class IV
P5-2	5.1	5.1A	17	846.43	846.52	0.50%	15"	SSPRC Class IV
P5-3	5.1	5.1B	7	846.43	846.47	0.50%	15"	SSPRC Class IV
P5-4	5.1B	5.1C	9	846.47	846.51	0.50%	15"	SSPRC Class IV
P5-5	5.1C	5.1D	14	846.51	846.58	0.50%	15"	SSPRC Class IV
P5-6	5.1A	5.1E	10	846.52	846.57	0.50%	12"	SSPRC Class IV
P5-7	5.1D	5.1G	10	846.58	846.63	0.50%	12"	SSPRC Class IV
P5-8	5.1G	5.1F	10	846.63	846.68	0.50%	12"	SSPRC Class IV
P5-9	5.1D	5.1H	10	846.58	846.63	0.50%	12"	SSPRC Class IV
P5-10	5.2	5.2A	18	847.53	847.62	0.50%	12"	SSPRC Class IV
P5-11	5.2	5.2B	7	847.53	847.57	0.50%	12"	SSPRC Class IV
P5-12	5.2B	5.2C	9	847.57	847.61	0.50%	12"	SSPRC Class IV
P5-13	5.2C	5.2D	14	847.61	847.68	0.50%	12"	SSPRC Class IV
P5-14	5.2D	5.2E	100	847.68	848.18	0.50%	12"	SSPRC Class IV
P5-15	5.1H	5.1I	60	846.63	846.93	0.50%	12"	SSPRC Class IV
P6-1	6.1	EW.6	94	846.77	847.00	0.25%	24"	SSPRC Class III
P6-2	6.2	6.1	63	846.61	846.77	0.25%	24"	SSPRC Class III
P6-3	6.3	6.2	15	845.00	845.03	0.21%	3'x6'	Precast Concrete Box Culvert
P6-4	7.1	6.3	101	844.70	845.00	0.30%	3'x6'	Precast Concrete Box Culvert
P6-5	6.1	6.1D	21	847.52	847.57	0.25%	15"	SSPRC Class III
P6-6	6.1D	6.1C	25	847.82	847.95	0.50%	12"	SSPRC Class III
P6-7	6.1C	6.1B	6	847.95	847.98	0.50%	12"	SSPRC Class III
P6-8	6.1B	6.1A	24	847.98	848.10	0.50%	12"	SSPRC Class III
P6-9	6.2	6.2A	51	846.45	846.70	0.50%	12"	SSPRC Class III
P6-10	6.2A	6.2B	29	846.70	846.84	0.50%	12"	SSPRC Class III
P7-1	7.2	7.1	274	843.88	844.70	0.30%	3'x6'	Precast Concrete Box Culvert
P7-2	7.3	7.2	50	843.73	843.88	0.30%	3'x6'	Precast Concrete Box Culvert
P7-3	7.4	7.3	80	843.49	843.73	0.30%	3'x6'	Precast Concrete Box Culvert
P7-4	7.4	7.5	13	837.93	837.93	0.00%	66"	SSPRC Class III
P7-5	7.5	7.6	53	848.30	848.47	0.32%	24"	SSPRC Class III
P7-6	7.6	8.1	195	848.47	850.65	1.12%	24"	SSPRC Class III
P7-7	7.1	7.1C	9	846.20	846.24	0.50%	18"	SSPRC Class IV
P7-8	7.1C	7.1B	5	846.24	846.26	0.50%	18"	SSPRC Class IV
P7-9	7.1B	7.1A	35	846.26	846.44	0.50%	18"	SSPRC Class IV
P7-10	7.1	7.1D	14	846.44	846.52	0.50%	15"	SSPRC Class IV
P7-11	7.1A	7.1E	10	846.94	846.99	0.50%	12"	SSPRC Class IV
P7-12	7.1A	7.1F	12	846.94	847.00	0.50%	12"	SSPRC Class IV
P7-13	7.1F	EXISTING	11	848.14	848.25	1.00%	12"	SSP Composite
P7-14	7.1D	7.1G	26	846.77	846.90	0.50%	12"	SSPRC Class IV
P7-15	7.1G	7.1H	10	846.90	846.94	0.50%	12"	SSPRC Class IV
P7-16	7.2	7.2B	10	847.52	847.57	0.50%	12"	SSPRC Class III
P7-17	7.2B	7.2A	25	847.57	847.69	0.50%	12"	SSPRC Class III
P7-18	7.2	7.2C	16	847.52	847.62	0.65%	12"	SSPRC Class III
P7-19	7.4	7.7	48	837.93	838.17	0.50%	66"	SSPRC Class III
P7-20	7.7	EW.7	547	838.17	842.16	0.73%	66"	SSPRC Class III
P7-21	7.5	7.8	56	842.99	843.24	0.45%	60"	SSPRC Class III
P7-22	7.5	7.9	47	837.93	838.17	0.52%	66"	SSPRC Class III
P7-23	7.6	7.6A	37	849.47	849.66	0.50%	12"	SSPRC Class III
P7-24	7.2A	TRENCH DRAIN	8	849.50	849.91	5.00%	6"	PVC Pipe (Incidental to Sidewalk Trench Drain)
P8-1	8.1	8.2	203	850.65	852.25	0.79%	24"	SSPRC Class III
P8-2	8.2	8.3	10	852.25	852.29	0.45%	24"	SSPRC Class III
P8-3	8.3	8.4	279	852.30	853.55	0.45%	24"	SSPRC Class III
P8-4	8.4	9.1	80	854.30	855.11	1.01%	15"	SSPRC Class III
P8-5	8.2	8.2A	42	853.25	853.46	0.50%	12"	SSPRC Class III

(CONTINUED ON NEXT SHEET)

STORM SEWER PIPE SCHEDULE (CONTINUED)

PIPE NO.	DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE LENGTH (FT)	DOWNSTREAM INVERT	UPSTREAM INVERT	PIPE SLOPE	PIPE SIZE	PIPE TYPE
P8-6	8.4	8.4A	41	854.55	854.75	0.50%	12"	SSPRC Class III
P9-1	9.1	9.2	86	855.11	855.95	0.98%	15"	SSPRC Class III
P9-2	9.2	9.3	135	855.95	858.61	1.97%	15"	SSPRC Class III
P9-3	9.3	9.3A	41	858.86	859.06	0.50%	12"	SSPRC Class III
P9-4	9.3	9.3B	10	858.86	858.91	0.50%	12"	SSPRC Class III
P9-5	9.3A	9.3C	10	859.06	859.11	0.50%	12"	SSPRC Class III
P11-1	11.1	11.1A	81	846.75	847.16	0.50%	12"	SSPRC Class III
P11-2	11.1A	11.1B	10	847.16	847.21	0.50%	12"	SSPRC Class III
P12-1	6.2	12.1	136	845.03	845.30	0.20%	3'x6'	Precast Concrete Box Culvert
P12-2	12.1	12.2	67	845.30	845.43	0.20%	3'x6'	Precast Concrete Box Culvert
P12-3	12.2	12.3	10	845.43	845.45	0.20%	3'x6'	Precast Concrete Box Culvert
P12-4	12.3	12.4	10	845.45	845.47	0.20%	3'x6'	Precast Concrete Box Culvert
P12-5	12.4	12.5	10	845.47	845.49	0.20%	3'x6'	Precast Concrete Box Culvert
P12-6	12.5	12.6	18	845.49	845.53	0.20%	3'x6'	Precast Concrete Box Culvert
P12-7	6.3	12.7	252	845.00	845.79	0.31%	3'x6'	Precast Concrete Box Culvert
P12-8	12.6	12.7	17	845.53	845.79	1.55%	3'x6'	Precast Concrete Box Culvert
P12-9	12.6	EX PARKS MH	39	845.53	845.65	0.30%	24"	SSPRC Class III
P12-10	12.7	EXISTING	34	845.79	846.00	0.63%	24"	SSPRC Class IV
P12-11	12.7	EXISTING	10	845.79	845.85	0.59%	30"	SSPRC Class IV

STORM SEWER STRUCTURE SCHEDULE

STRUCTURE I.D.	TOP OF STRUCTURE ELEVATION	BOX DEPTH FEET	FLANGE OR RIM ELEVATION	INVERT	NOTES
1.1	879.68	2.68	880.93	877.00	
1.2	879.97	2.31	881.01	877.66	
1.3	881.44	3.06	882.48	878.38	
1.3A	882.62	2.42	883.66	880.20	
1.4	881.88	3.38	882.92	878.50	
1.5	882.25	3.63	883.29	878.62	
2.1	872.29	2.79	873.54	869.50	
2.1A	872.58	2.43	873.62	870.15	
2.2	868.13	3.63	869.38	864.50	
2.2A	868.19	2.66	869.23	865.53	
2.2B	868.41	2.73	869.45	865.68	
2.2C	869.00	3.43	869.00	865.57	
2.3	866.15	4.15	867.40	862.00	
2.3A	866.45	2.99	867.49	863.46	
2.3B	866.51	2.41	867.76	864.10	
2.3C	866.86	2.63	867.90	864.23	
2.3D	867.54	3.16	868.58	864.38	
2.3E	867.59	3.16	868.63	864.43	
2.3F	866.31	2.30	867.35	864.01	
2.4	863.34	4.56	864.59	858.78	
2.4A	863.40	3.59	864.44	859.81	
2.4B	863.84	3.93	864.88	859.91	
2.4C	864.58	4.53	865.62	860.05	
2.4D	864.68	4.52	865.72	860.16	
2.5	860.74	5.24	861.99	855.50	
2.5A	861.29	4.15	862.33	857.14	
3.1	857.91	3.91	859.16	854.00	
3.1A	858.00	2.47	859.04	855.53	
3.1B	858.33	2.70	859.37	855.63	
3.1C	857.76	2.02	858.80	855.74	
3.2	855.62	4.37	856.87	851.25	
3.2A	858.43	2.37	859.47	856.06	
3.2B	858.58	2.38	859.62	856.20	
3.3	850.24	4.43	851.49	845.81	
3.3A	850.19	2.82	851.23	847.37	
3.3B	850.26	2.84	851.30	847.42	
3.4	849.62	3.92	850.66	845.70	
3.4A	849.58	2.66	850.62	846.92	
3.4B	850.02	3.22	851.06	846.80	
3.4C	849.32	2.50	850.36	846.82	
3.4D	849.59	2.37	850.63	847.22	
3.4E	849.59	2.21	850.63	847.38	
3.4F	849.36	2.19	850.40	847.17	
3.4G	849.44	2.32	850.48	847.12	
3.4H	849.37	2.25	850.41	847.12	
3.4I	849.86	2.35	850.90	847.51	
3.5	850.85	4.54	852.10	846.31	
4.1	852.29	9.98	853.54	845.31	3' SUMP
4.1A	851.03	2.45	852.07	848.58	
4.1B	851.47	3.01	852.51	848.46	
4.1C	851.32	2.90	852.36	848.42	
4.1D	851.08	2.73	852.12	848.35	
EW.4A	-	-	-	845.10	
EW.4B	-	-	-	845.10	
EW.4C	-	-	-	845.10	

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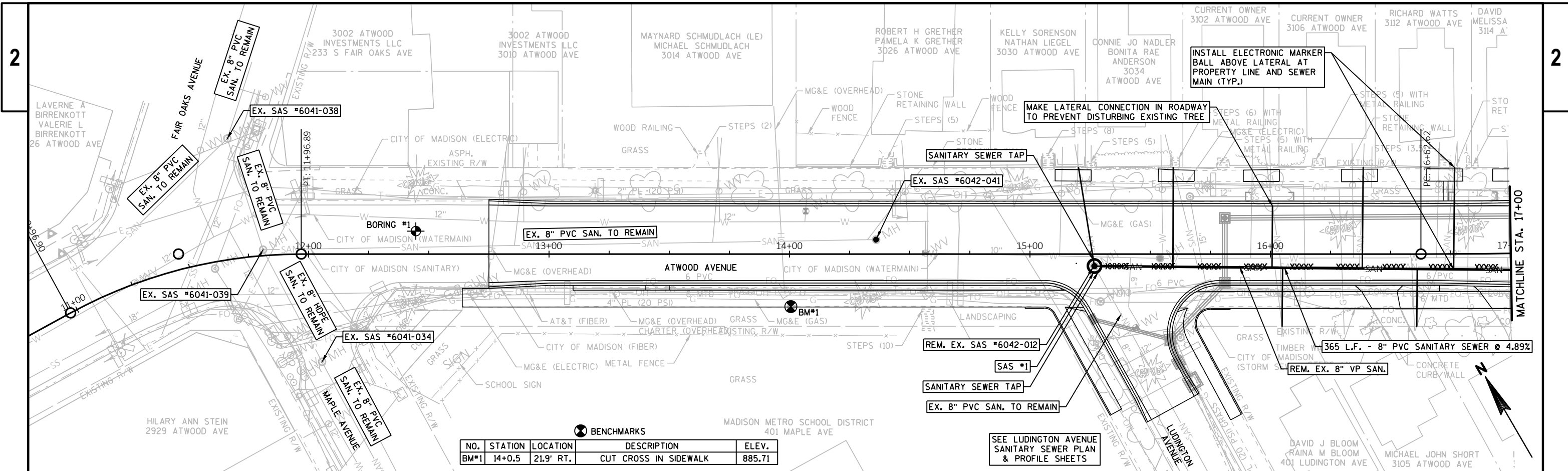
STORM SEWER STRUCTURE SCHEDULE (CONTINUED)

STRUCTURE I.D.	TOP OF STRUCTURE ELEVATION	BOX DEPTH FEET	FLANGE OR RIM ELEVATION	INVERT	NOTES
EW.4D	-	-	-	845.10	
4.2	851.12	8.83	852.37	845.29	3' SUMP
4.3A	853.69	6.98	854.73	846.71	
4.4A	851.91	5.22	852.95	846.69	
5.1	848.49	2.56	849.74	845.93	
5.1A	848.32	1.80	849.36	846.52	
5.1B	848.82	2.35	849.86	846.47	
5.1C	848.61	2.10	849.65	846.51	
5.1D	848.38	1.80	849.42	846.58	
5.1E	848.34	1.77	849.38	846.57	
5.1F	848.48	1.80	849.52	846.68	
5.1G	848.40	1.77	849.44	846.63	
5.1H	848.40	1.77	849.44	846.63	
5.1I	848.52	1.59	849.56	846.93	
5.2	850.15	3.12	851.40	847.03	
5.2A	850.03	2.41	851.07	847.62	
5.2B	850.47	2.90	851.51	847.57	
5.2C	850.26	2.65	851.30	847.61	
5.2D	850.01	2.33	851.05	847.68	
5.2E	850.70	2.52	851.74	848.18	
6.1	850.31	3.54	851.56	846.77	
6.1A	850.86	2.76	851.90	848.10	
6.1B	851.13	3.15	852.17	847.98	
6.1C	850.95	3.00	851.99	847.95	
6.1D	850.50	2.93	851.54	847.57	
EW.6	-	-	-	847.00	
6.2	849.99	4.96	851.24	845.03	
6.2A	849.71	3.01	850.75	846.70	
6.2B	849.87	3.03	850.91	846.84	
6.3	849.92	4.92	851.17	845.00	
7.1	849.38	4.68	850.63	844.70	
7.1A	849.86	3.42	850.90	846.44	
7.1B	850.01	3.75	851.05	846.26	
7.1C	849.80	3.56	850.84	846.24	
7.1D	849.96	3.44	851.00	846.52	
7.1E	849.93	2.94	850.97	846.99	
7.1F	849.89	2.89	850.93	847.00	
7.1G	849.30	2.40	850.34	846.90	
7.1H	849.36	2.42	850.40	846.94	
7.2	851.85	7.97	852.89	843.88	
7.2A	851.65	3.96	852.69	847.69	
7.2B	852.13	4.56	853.17	847.57	
7.2C	851.58	3.96	852.62	847.62	
7.3	852.67	8.94	853.92	843.73	
7.4	852.95	15.02	854.20	837.93	
7.5	853.05	15.12	854.30	837.93	
7.6	853.43	4.96	854.47	848.47	
7.6A	853.27	3.61	854.31	849.66	
7.7	852.69	17.52	853.94	838.17	3' SUMP
EW.7	-	-	-	842.16	
7.8	852.05	8.81	853.30	843.24	
7.9	854.19	19.02	854.19	838.17	3' SUMP
8.1	854.60	3.95	855.64	850.65	
8.2	856.30	4.05	857.34	852.25	
8.2A	856.22	2.76	857.26	853.46	

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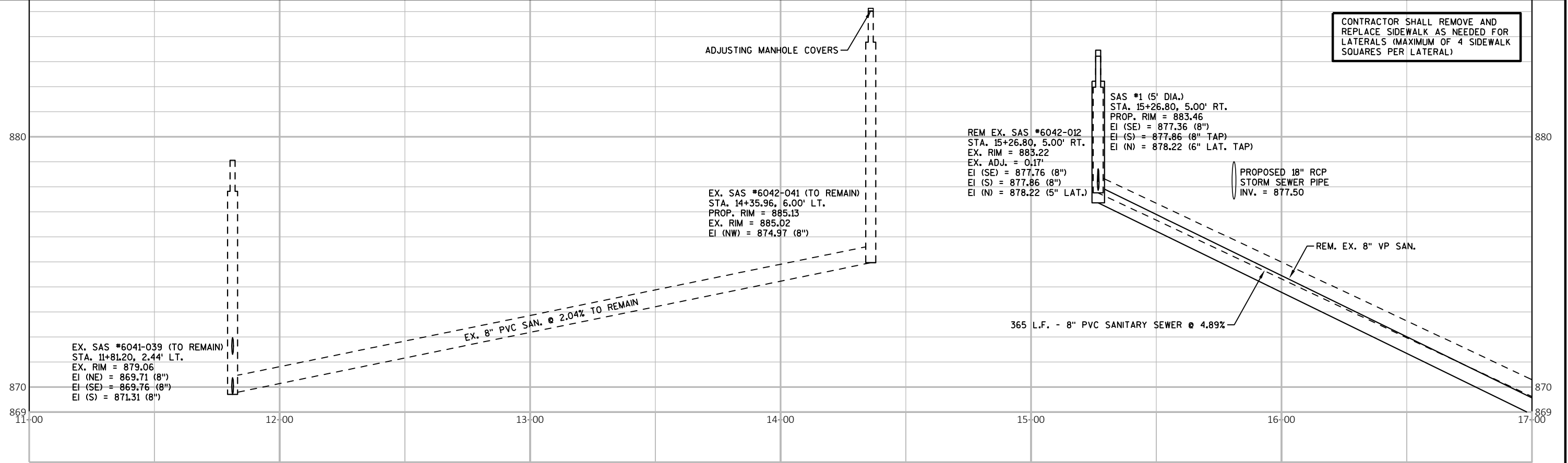
STORM SEWER STRUCTURE SCHEDULE (CONTINUED)

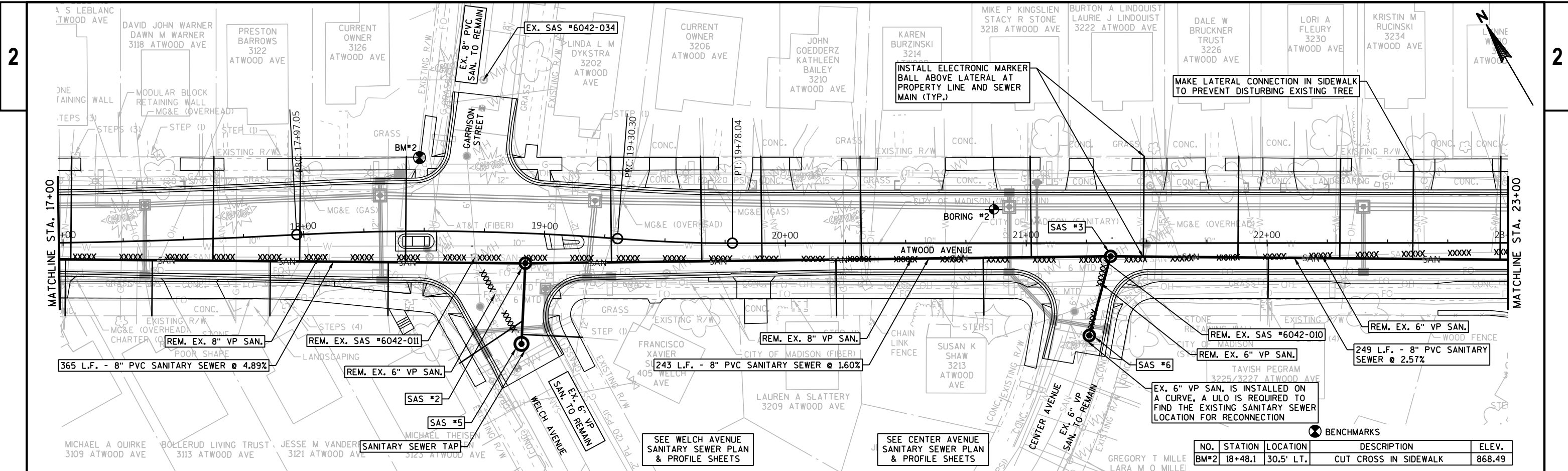
STRUCTURE I.D.	TOP OF STRUCTURE ELEVATION	BOX DEPTH FEET	FLANGE OR RIM ELEVATION	INVERT	NOTES
8.3	856.38	4.09	857.42	852.29	
8.4	858.51	4.96	859.55	853.55	
8.4A	858.79	4.04	859.83	854.75	
9.1	859.32	4.21	860.36	855.11	
9.2	860.16	4.21	861.20	855.95	
9.3	862.32	3.71	863.36	858.61	
9.3A	862.49	3.43	863.53	859.06	
9.3B	862.43	3.52	863.47	858.91	
9.3C	862.58	3.47	863.62	859.11	
11.1	849.16	2.41	850.41	846.75	
11.1A	849.65	2.49	850.69	847.16	
11.1B	849.70	2.49	850.74	847.21	
12.1	849.42	4.12	850.46	845.30	
12.2	849.00	3.57	849.00	845.43	
12.3	848.96	3.51	848.96	845.45	
12.4	848.92	3.45	848.92	845.47	
12.5	848.88	3.39	848.88	845.49	
12.6	848.20	2.67	849.45	845.53	
12.7	848.47	2.68	849.72	845.79	



⊗ BENCHMARKS

NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#1	14+0.5	21.9' RT.	CUT CROSS IN SIDEWALK	885.71



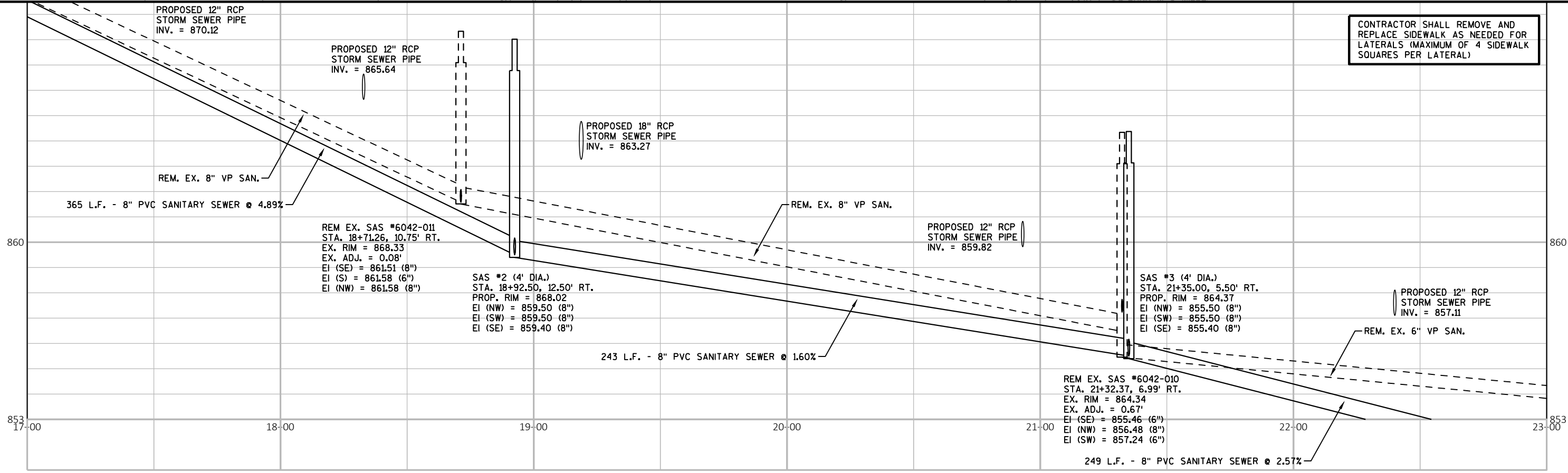


NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#2	18+48.1	30.5' LT.	CUT CROSS IN SIDEWALK	868.49

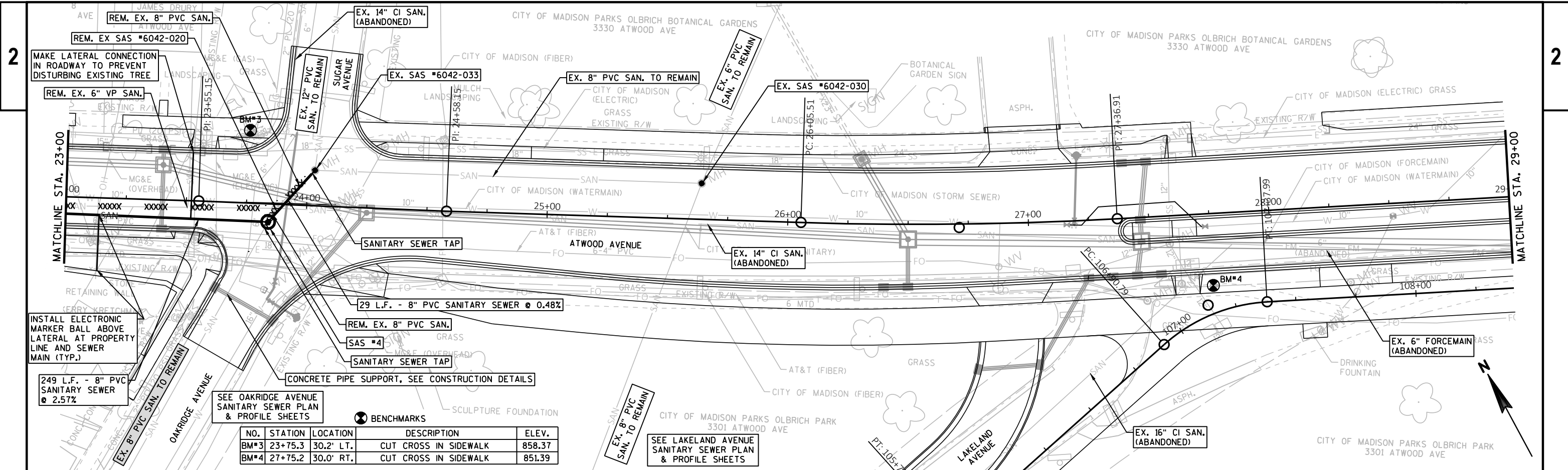
SEE WELCH AVENUE
SANITARY SEWER PLAN
& PROFILE SHEETS

SEE CENTER AVENUE
SANITARY SEWER PLAN
& PROFILE SHEETS

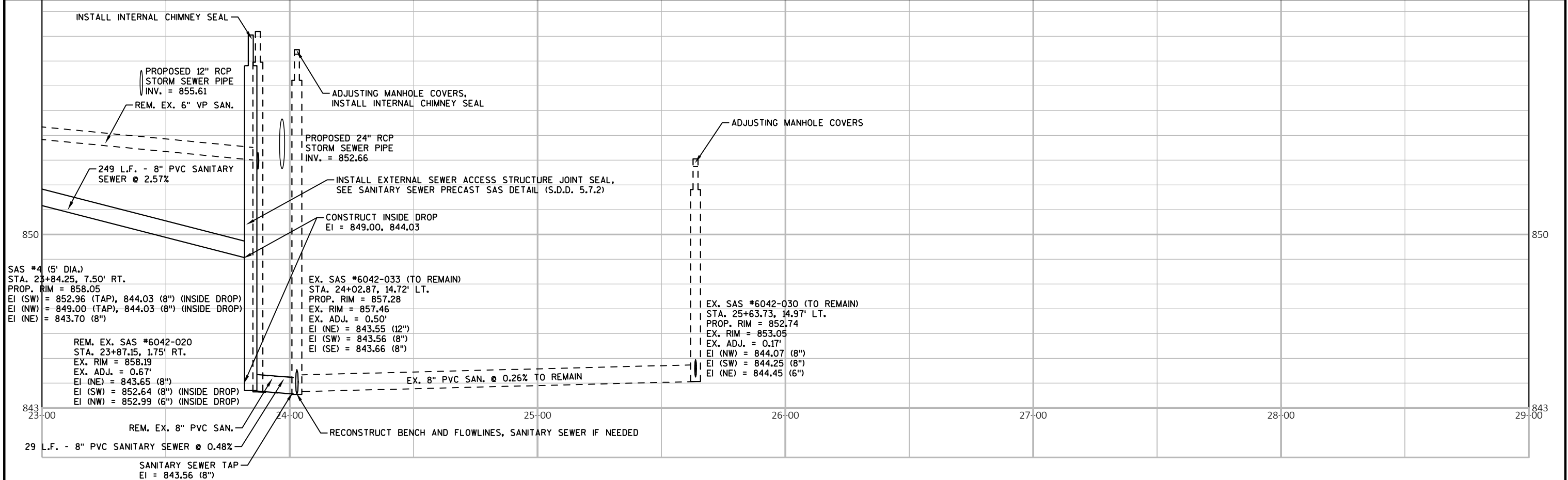
CONTRACTOR SHALL REMOVE AND
REPLACE SIDEWALK AS NEEDED FOR
LATERALS (MAXIMUM OF 4 SIDEWALK
SQUARES PER LATERAL)



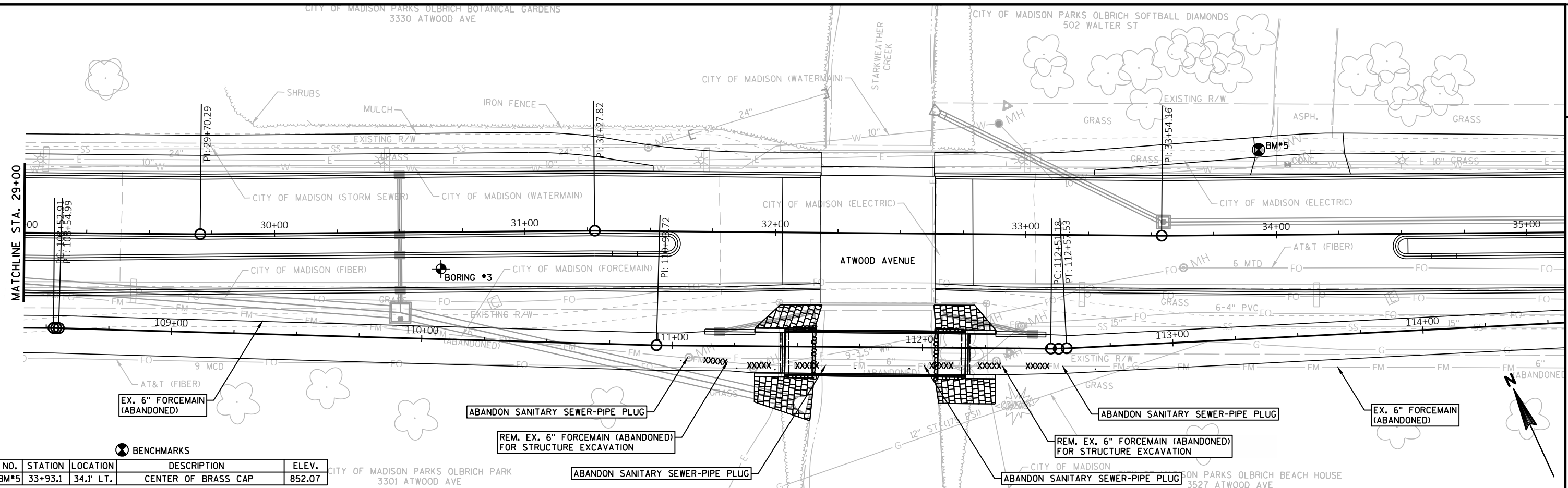
BORING #2
GROUNDWATER ELEV. = 850.25



NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#3	23+75.3	30.2' LT.	CUT CROSS IN SIDEWALK	858.37
BM#4	27+75.2	30.0' RT.	CUT CROSS IN SIDEWALK	851.39



PROJECT NO: 5992-10-18	HWY: ATWOOD AVENUE	COUNTY: DANE	SANITARY SEWER	SHEET	E
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BENCHMARKS

NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#5	33+93.1	34.1' LT.	CENTER OF BRASS CAP	852.07

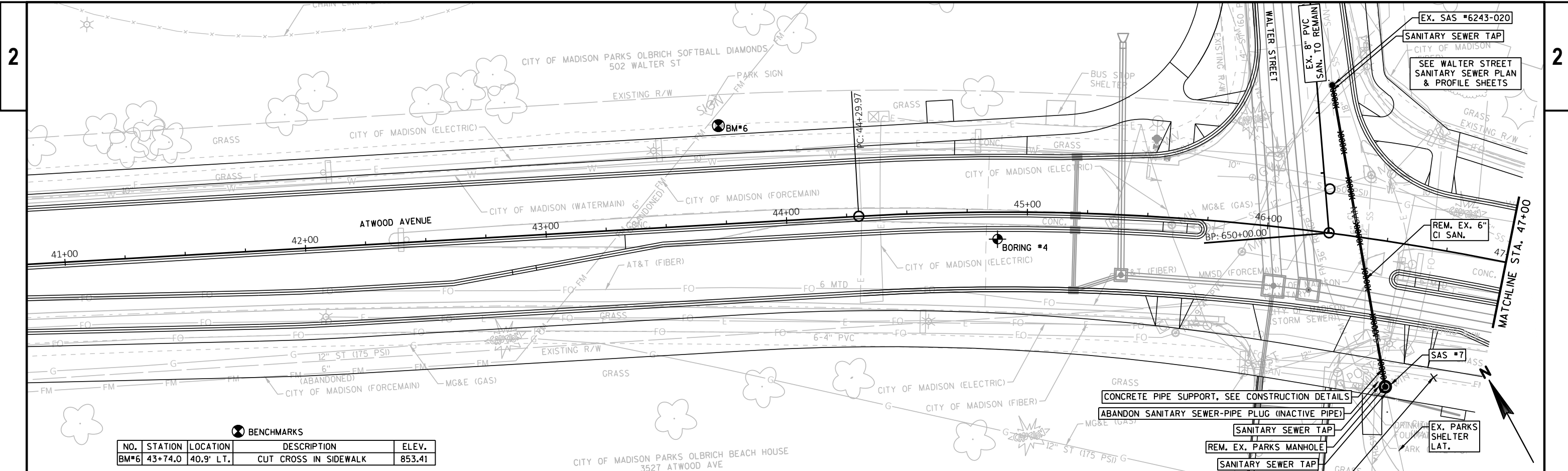
CITY OF MADISON PARKS OLBRICH PARK
3301 ATWOOD AVE

ABANDON SANITARY SEWER-PIPE PLUG

ABANDON SANITARY SEWER-PIPE PLUG

SON PARKS OLBRICH BEACH HOUSE
3527 ATWOOD AVE

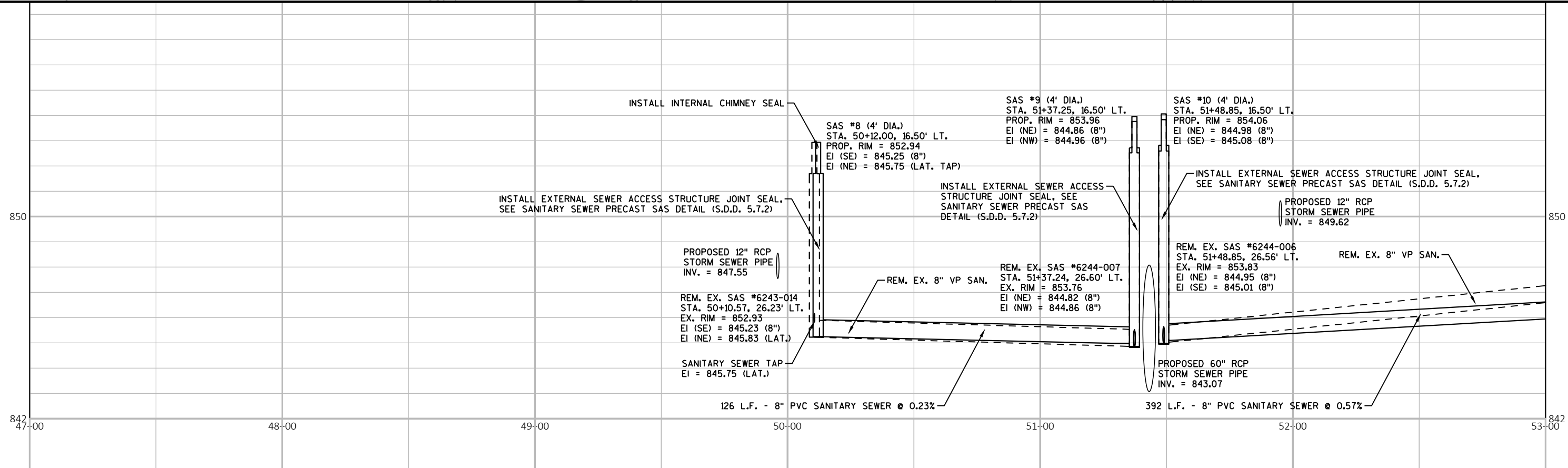
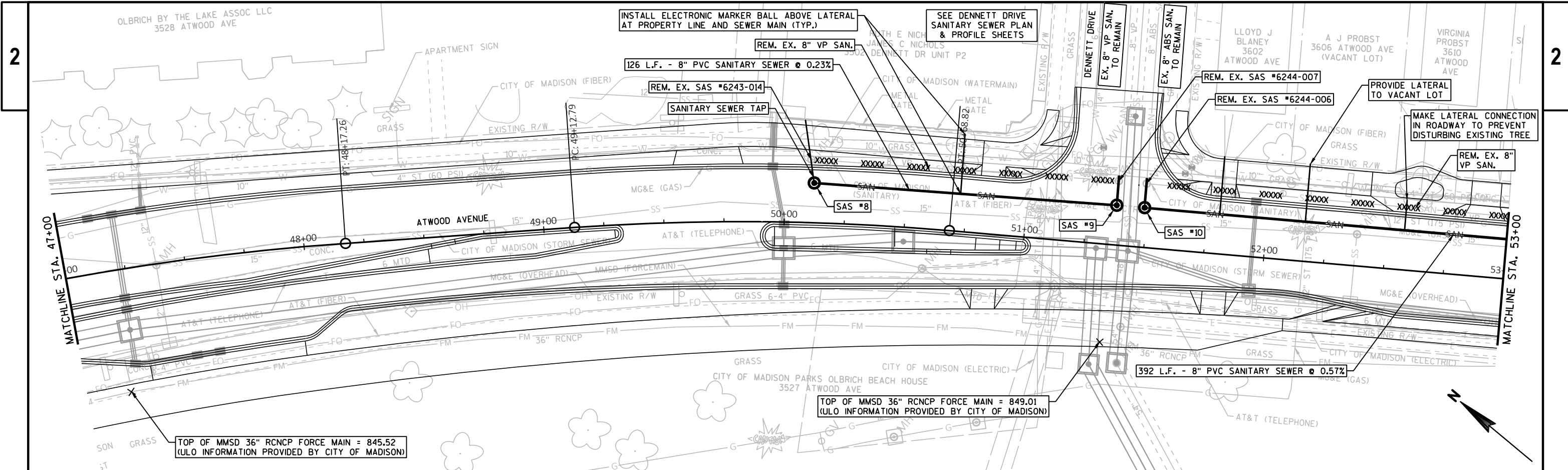


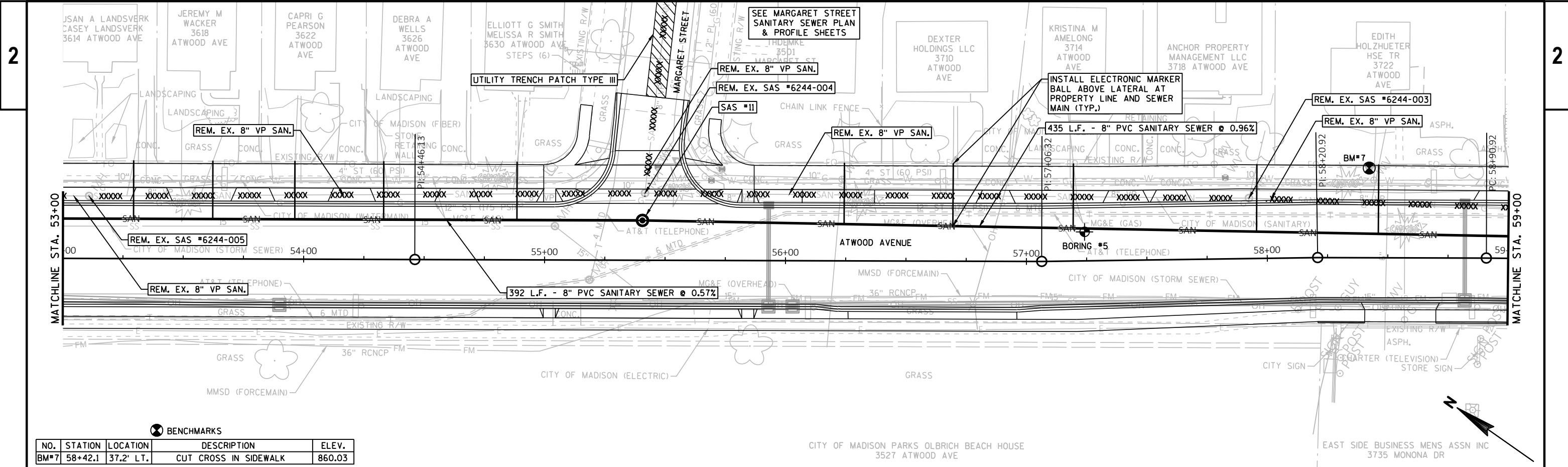


⊗ BENCHMARKS

NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#6	43+74.0	40.9' LT.	CUT CROSS IN SIDEWALK	853.41

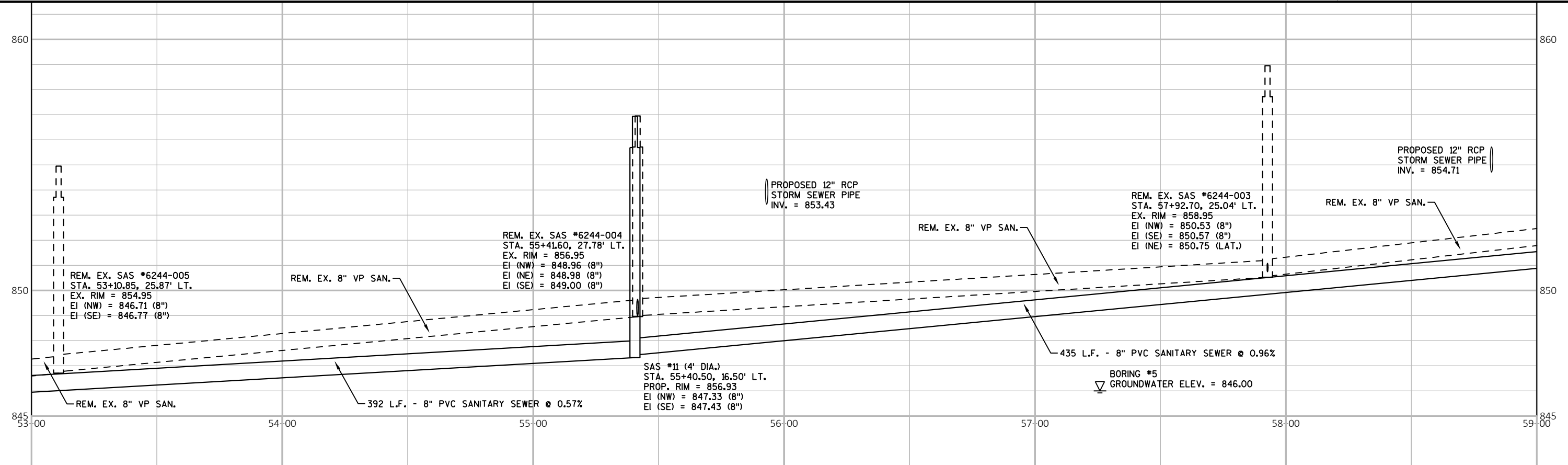


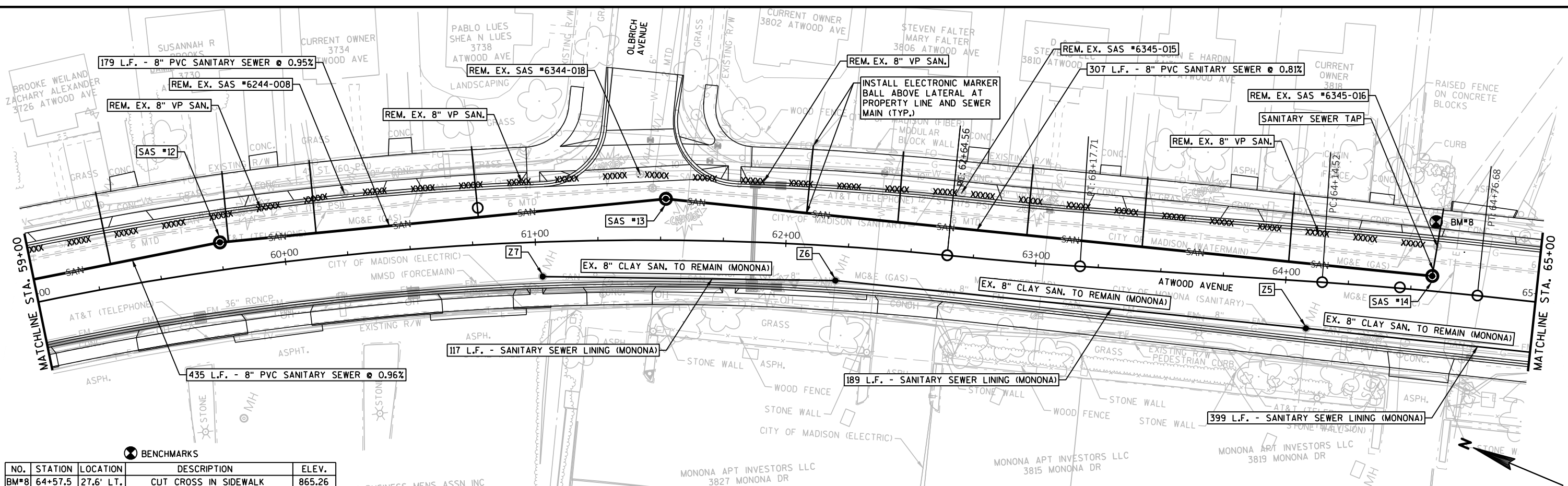




BENCHMARKS

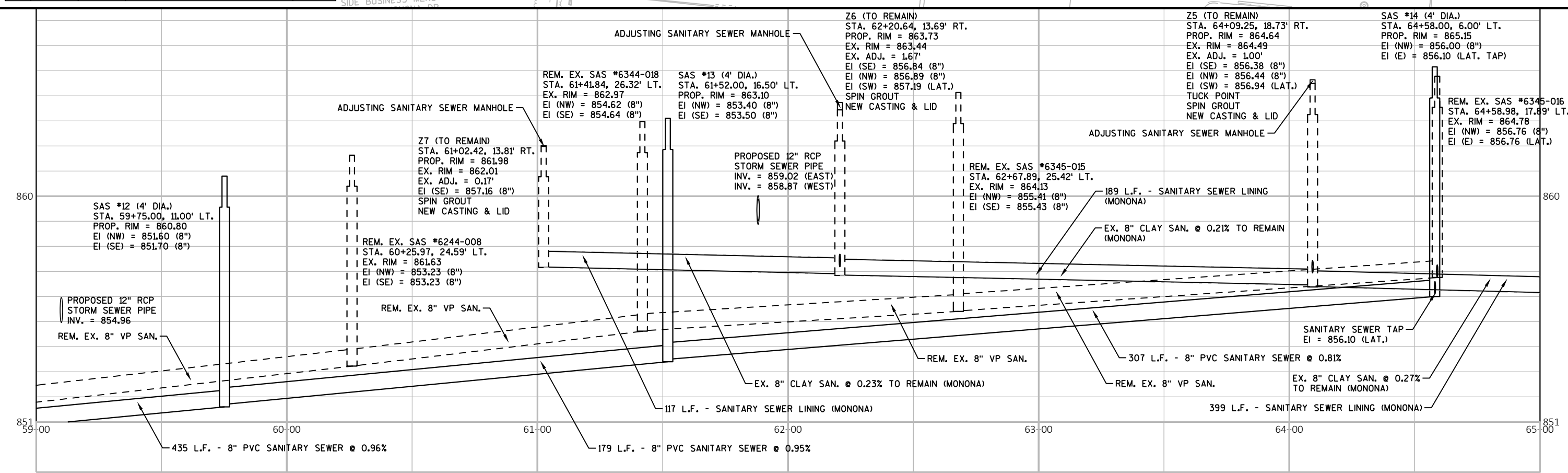
NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#7	58+42.1	37.2' LT.	CUT CROSS IN SIDEWALK	860.03

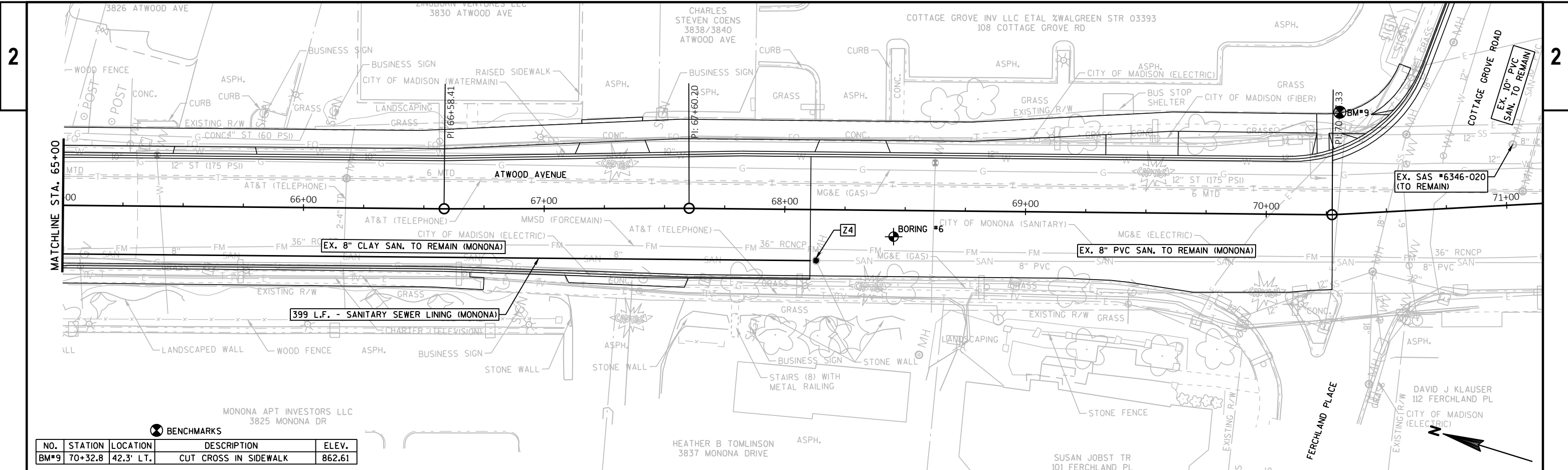




BENCHMARKS

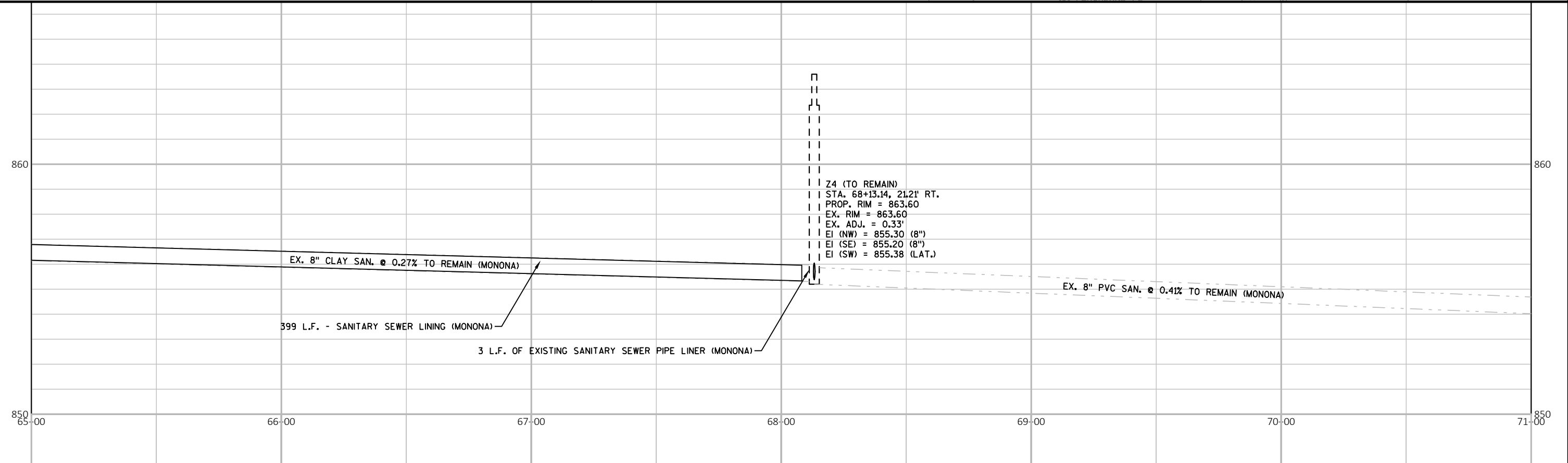
NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#8	64+57.5	27.6' LT.	CUT CROSS IN SIDEWALK	865.26

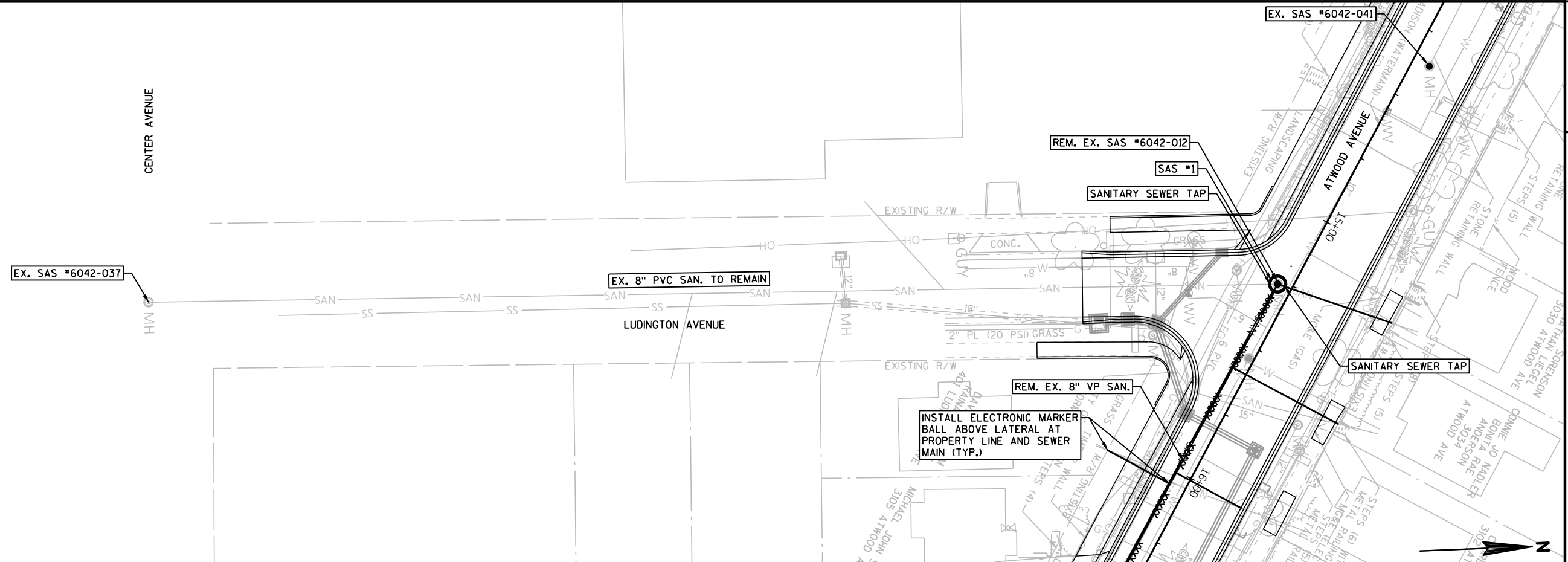




BENCHMARKS

NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#9	70+32.8	42.3' LT.	CUT CROSS IN SIDEWALK	862.61





CONTRACTOR SHALL REMOVE AND REPLACE SIDEWALK AS NEEDED FOR LATERALS (MAXIMUM OF 4 SIDEWALK SQUARES PER LATERAL)



EX. SAS #6042-037 (TO REMAIN)
 STA. 17+8.52, 346.59' RT.
 EX. RIM = 887.31
 EI (N) = 879.61 (8")
 EI (S) = 879.69 (8")

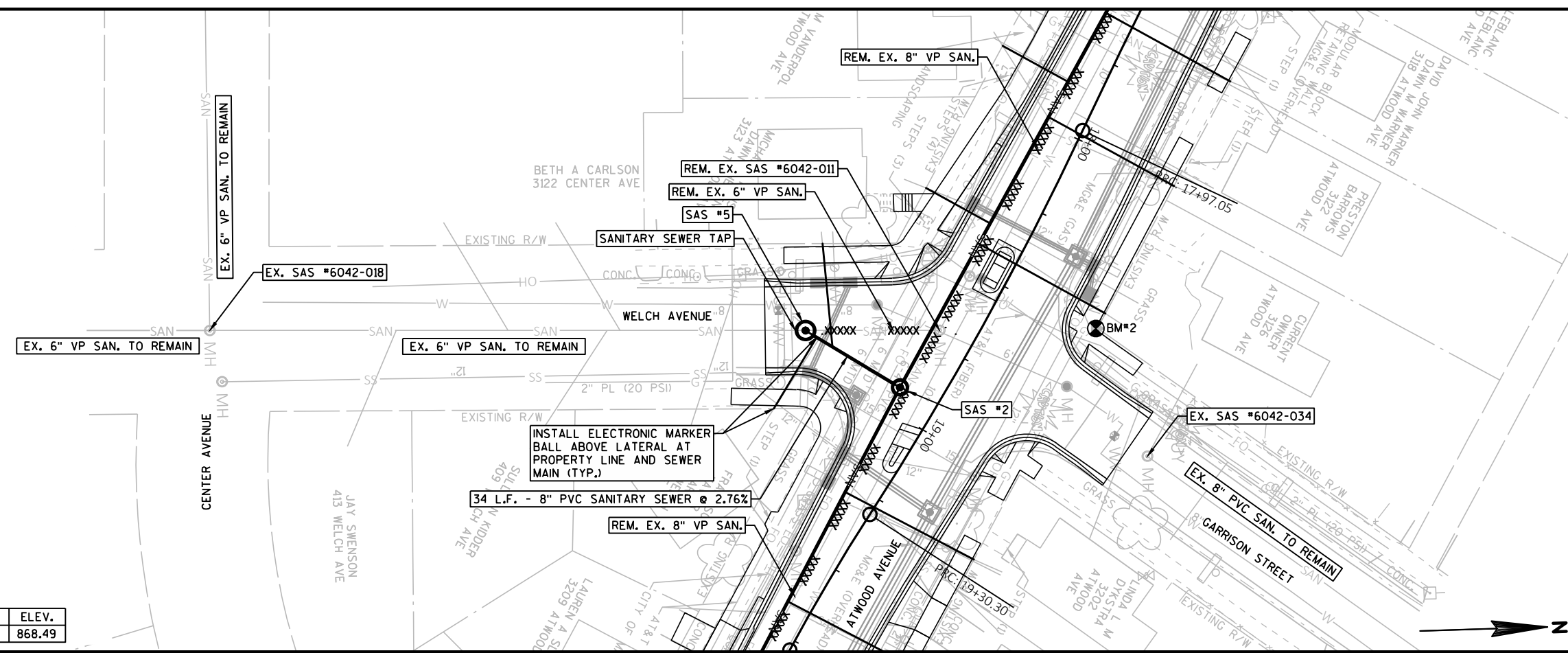
SAS #1 (5' DIA.)
 STA. 15+26.80, 5.00' RT.
 PROP. RIM = 883.46
 EI (SE) = 877.36 (8")
 EI (S) = 877.86 (8" TAP)
 EI (N) = 878.22 (6" LAT. TAP)

PROPOSED 12" RCP
 STORM SEWER PIPE
 INV. = 879.74

REM EX. SAS #6042-012
 STA. 15+26.80, 5.00' RT.
 EX. RIM = 883.22
 EX. ADJ. = 0.17'
 EI (SE) = 877.76 (8")
 EI (S) = 877.86 (8")
 EI (N) = 878.22 (5" LAT.)

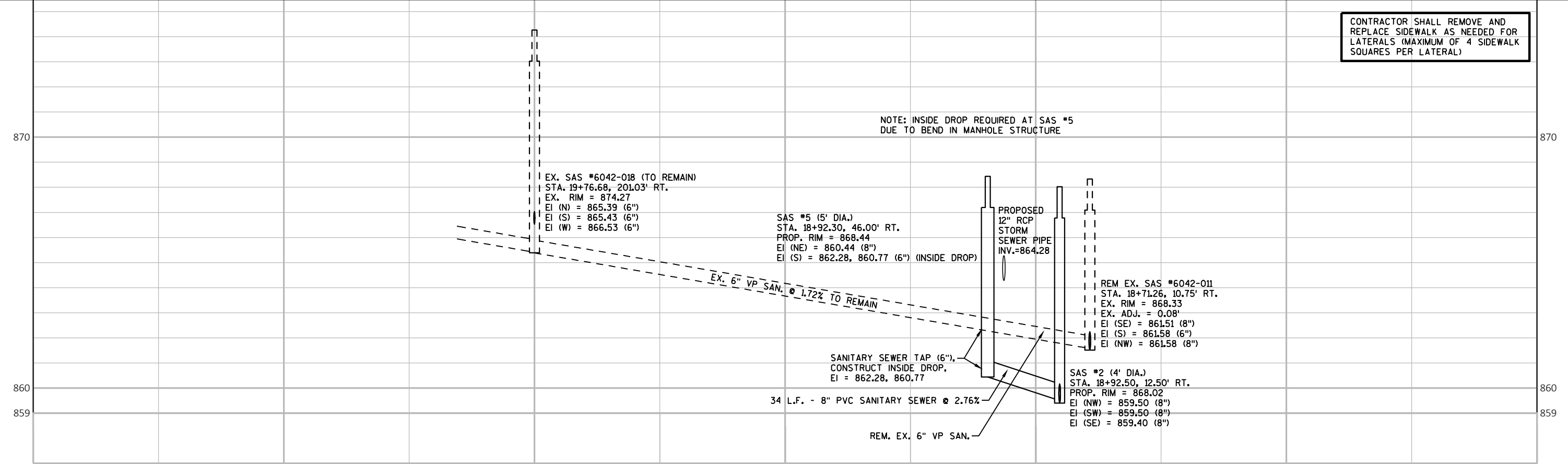
SANITARY SEWER TAP
 EI = 877.86 (8")

SANITARY SEWER TAP
 EI = 878.22 (6" LAT.)



⊗ BENCHMARKS

NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#2	18+48.1	30.5' LT.	CUT CROSS IN SIDEWALK	868.49



CONTRACTOR SHALL REMOVE AND REPLACE SIDEWALK AS NEEDED FOR LATERALS (MAXIMUM OF 4 SIDEWALK SQUARES PER LATERAL)

NOTE: INSIDE DROP REQUIRED AT SAS #5 DUE TO BEND IN MANHOLE STRUCTURE

EX. SAS #6042-018 (TO REMAIN)
 STA. 19+76.68, 201.03' RT.
 EX. RIM = 874.27
 EI (N) = 865.39 (6")
 EI (S) = 865.43 (6")
 EI (W) = 866.53 (6")

SAS #5 (5' DIA.)
 STA. 18+92.30, 46.00' RT.
 PROP. RIM = 868.44
 EI (NE) = 860.44 (8")
 EI (S) = 862.28, 860.77 (6") (INSIDE DROP)

PROPOSED
 12" RCP
 STORM
 SEWER PIPE
 INV.=864.28

REM EX. SAS #6042-011
 STA. 18+71.26, 10.75' RT.
 EX. RIM = 868.33
 EX. ADJ. = 0.08'
 EI (SE) = 861.51 (8")
 EI (S) = 861.58 (6")
 EI (NW) = 861.58 (8")

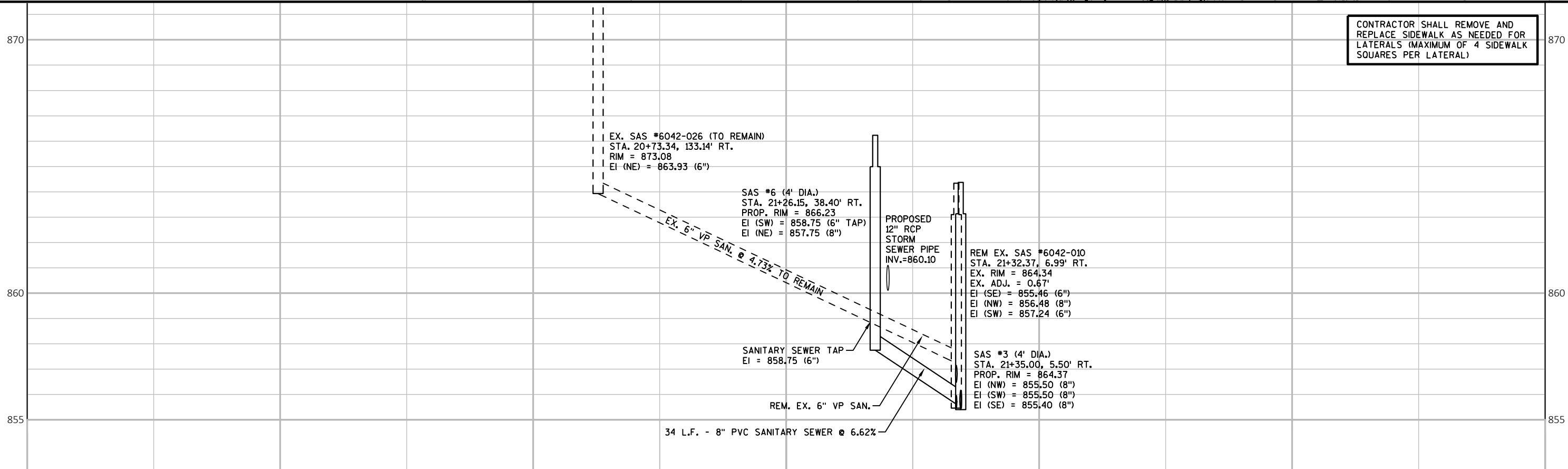
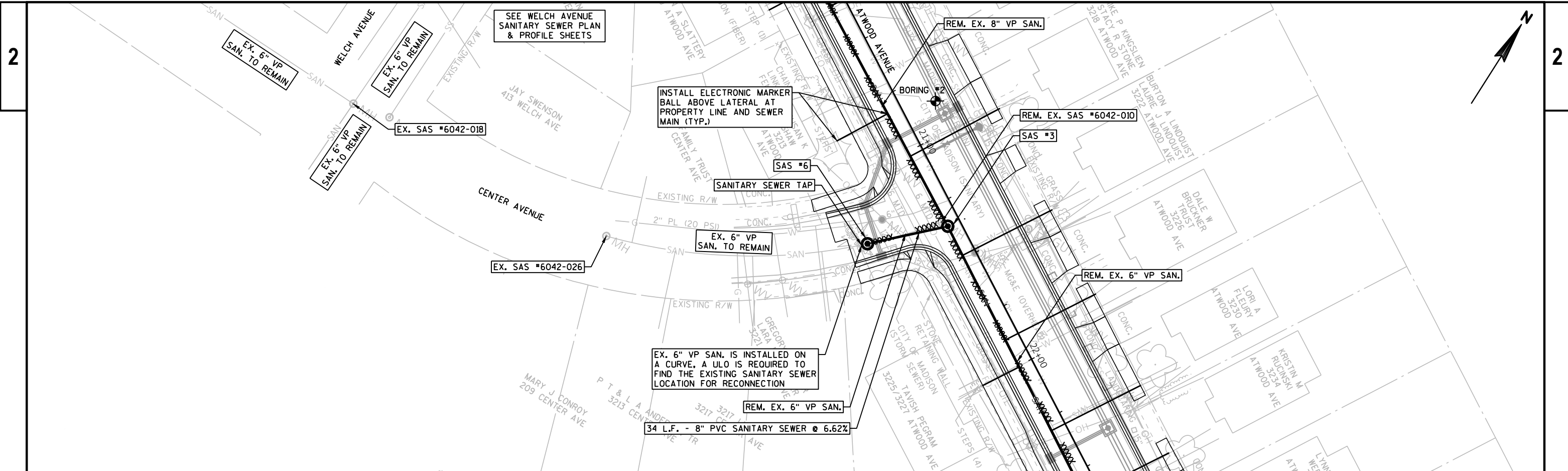
SAS #2 (4' DIA.)
 STA. 18+92.50, 12.50' RT.
 PROP. RIM = 868.02
 EI (NW) = 859.50 (8")
 EI (SW) = 859.50 (8")
 EI (SE) = 859.40 (8")

34 L.F. - 8" PVC SANITARY SEWER @ 2.76%

SANITARY SEWER TAP (6"),
 CONSTRUCT INSIDE DROP,
 EI = 862.28, 860.77

REM. EX. 6" VP SAN.

EX. 6" VP SAN. @ 1.72% TO REMAIN

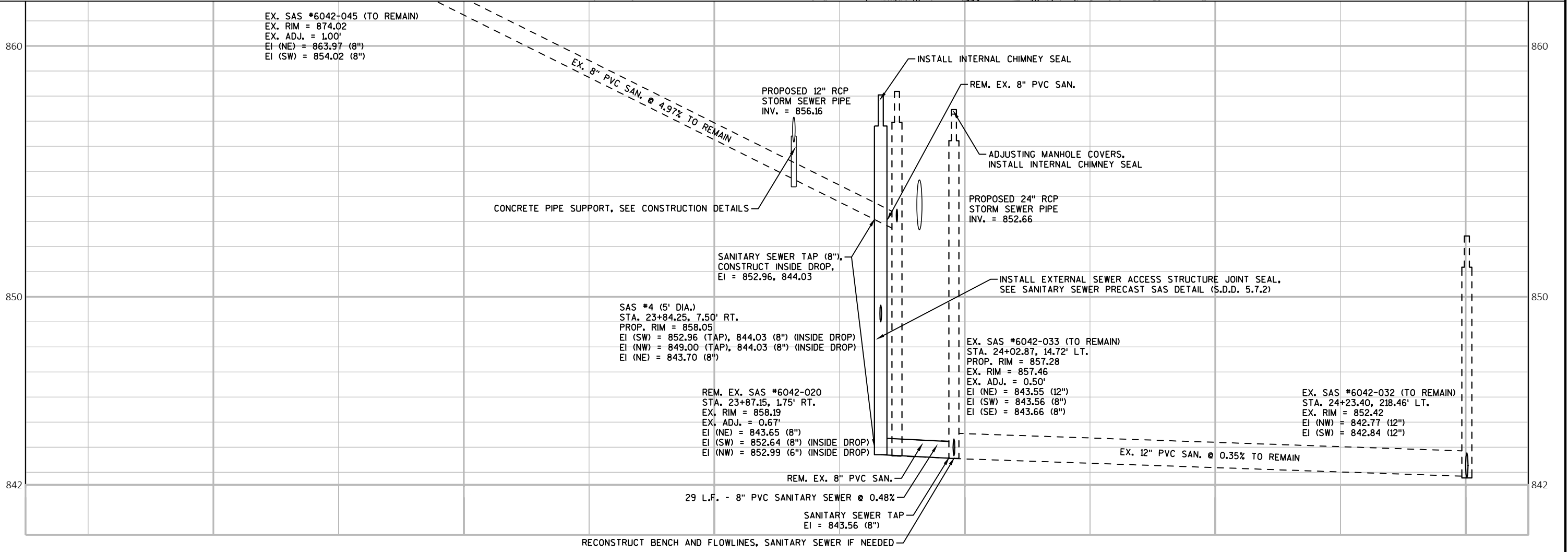
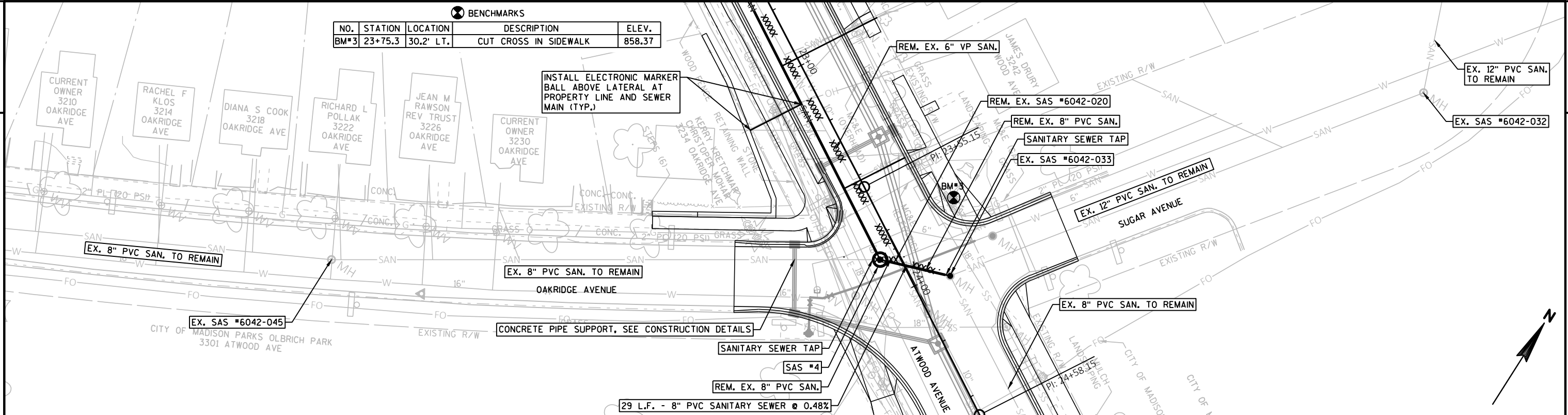


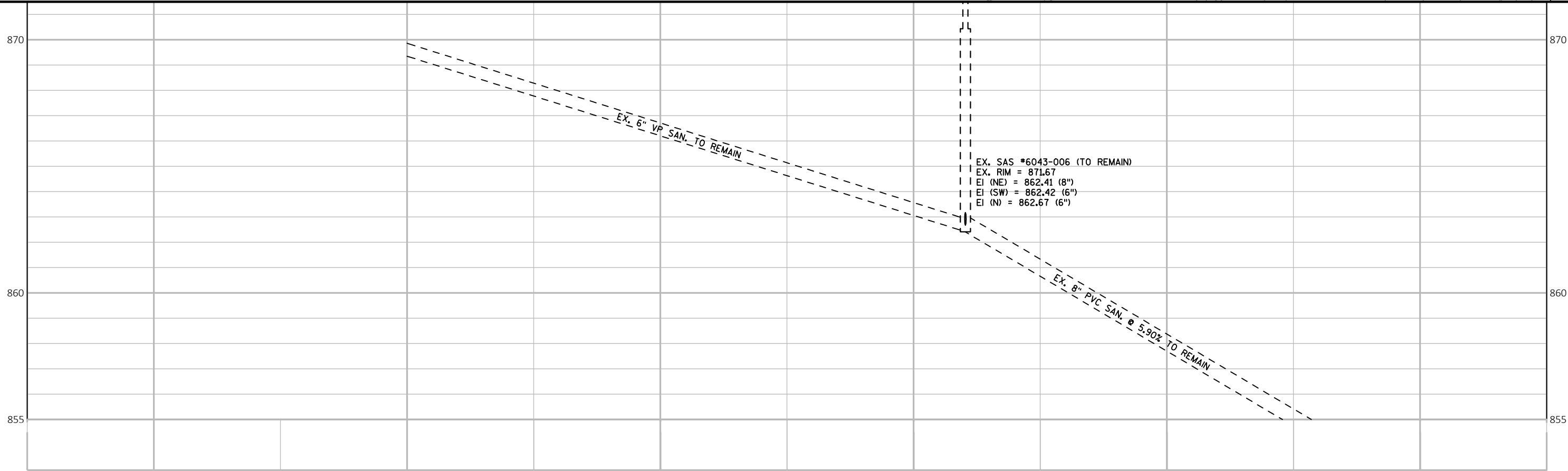
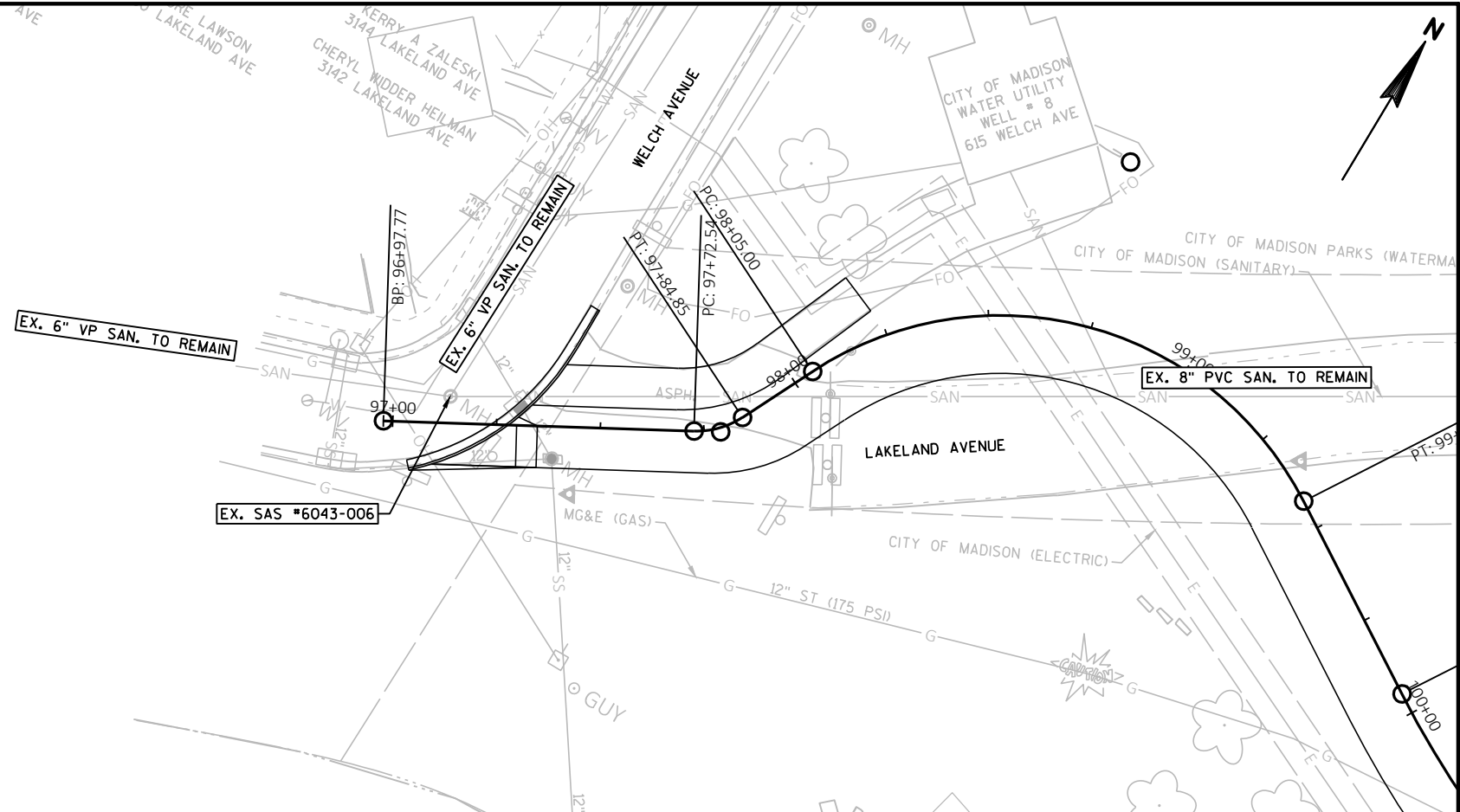
CONTRACTOR SHALL REMOVE AND REPLACE SIDEWALK AS NEEDED FOR LATERALS (MAXIMUM OF 4 SIDEWALK SQUARES PER LATERAL)

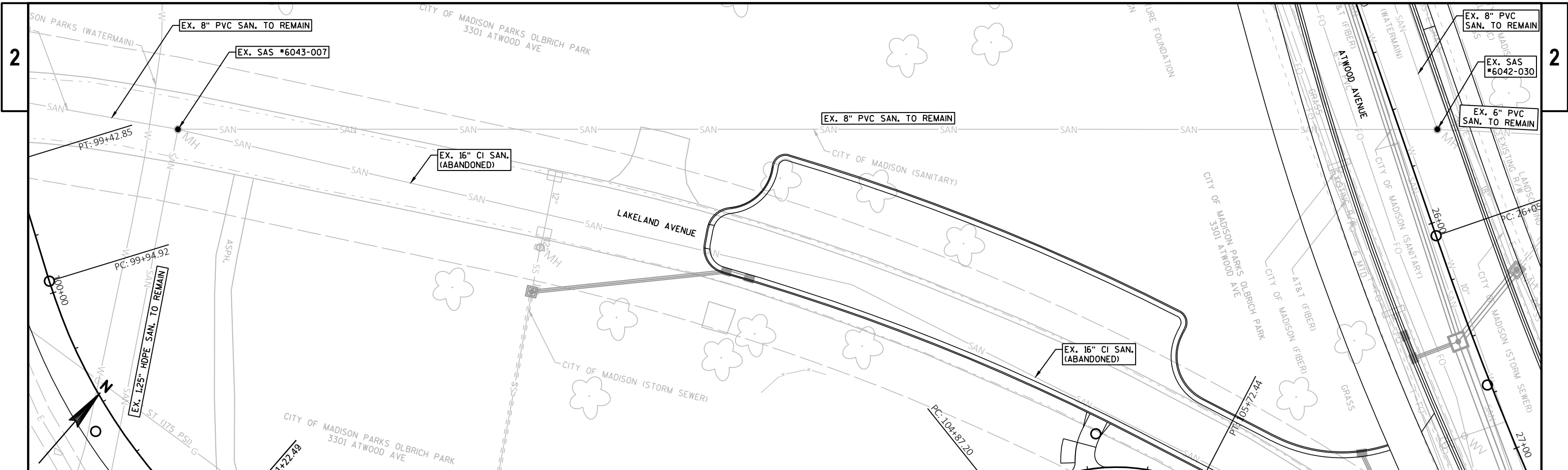
NO.	STATION	LOCATION	DESCRIPTION	ELEV.
BM#3	23+75.3	30.2' LT.	CUT CROSS IN SIDEWALK	858.37

⊗ BENCHMARKS

INSTALL ELECTRONIC MARKER BALL ABOVE LATERAL AT PROPERTY LINE AND SEWER MAIN (TYP.)







PROJECT NO: 5992-10-18 HWY: ATWOOD AVENUE COUNTY: DANE SANITARY SEWER: LAKELAND AVENUE SHEET E

