

SUPERELEVATION TABLE

P. I. Station 195+79.88

Dc = 2°19'58.8"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
678.78	▲	-0.38	-0.016	24.00	189+75.80	679.16	12.00	-0.016	-0.19		678.97	N.C.
678.03		-0.28	-0.011	24.00	190+00.00	678.31	12.00	-0.016	-0.19		678.12	
677.27		-0.16	-0.007	24.00	190+25.00	677.44	12.00	-0.016	-0.19		677.24	
676.51		-0.05	-0.002	24.00	190+50.00	676.56	12.00	-0.016	-0.19		676.37	
676.17		+0.00	+0.000	24.00	190+61.05	676.17	12.00	-0.016	-0.19		675.98	1/2 LEVEL
675.75		+0.06	+0.003	24.00	190+75.00	675.69	12.00	-0.016	-0.19		675.49	
674.99		+0.18	+0.007	24.00	191+00.00	674.81	12.00	-0.016	-0.19		674.62	
674.22		+0.29	+0.012	24.00	191+25.00	673.94	12.00	-0.016	-0.19		673.74	
673.57		+0.38	+0.016	24.00	191+46.30	673.19	12.00	-0.016	-0.19	▲	673.00	R.C.
673.46	222:1	+0.40	+0.017	24.00	191+50.00	673.06	12.00	-0.017	-0.20		672.86	
672.70		+0.51	+0.021	24.00	191+75.00	672.19	12.00	-0.021	-0.26		671.93	
671.94		+0.63	+0.026	24.00	192+00.00	671.31	12.00	-0.026	-0.31		671.00	
671.17		+0.74	+0.031	24.00	192+25.00	670.44	12.00	-0.031	-0.37		670.07	
670.87		+0.78	+0.033	24.00	192+35.09	670.08	12.00	-0.033	-0.39	222:1	669.69	
670.41		+0.85	+0.035	24.00	192+50.00	669.56	12.00	-0.035	-0.43		669.13	
669.65		+0.96	+0.040	24.00	192+75.00	668.69	12.00	-0.040	-0.48		668.20	
668.89		+1.08	+0.045	24.00	193+00.00	667.81	12.00	-0.045	-0.54	▼	667.27	
668.22	▼	+1.18	+0.049	24.00	193+22.12	667.04	12.00	-0.049	-0.59		666.45	F.S.
668.11		+1.18	+0.049	24.00	193+25.00	666.94	12.00	-0.049	-0.59		666.35	
667.24		+1.18	+0.049	24.00	193+50.00	666.06	12.00	-0.049	-0.59		665.47	
666.36		+1.18	+0.049	24.00	193+75.00	665.19	12.00	-0.049	-0.59		664.60	
665.49		+1.18	+0.049	24.00	194+00.00	664.31	12.00	-0.049	-0.59		663.72	
664.61		+1.18	+0.049	24.00	194+25.00	663.43	12.00	-0.049	-0.59		662.84	
663.74		+1.18	+0.049	24.00	194+50.00	662.56	12.00	-0.049	-0.59		661.97	
662.86		+1.18	+0.049	24.00	194+75.00	661.68	12.00	-0.049	-0.59		661.09	
661.99		+1.18	+0.049	24.00	195+00.00	660.81	12.00	-0.049	-0.59		660.22	
661.11		+1.18	+0.049	24.00	195+25.00	659.93	12.00	-0.049	-0.59		659.34	
660.24		+1.18	+0.049	24.00	195+50.00	659.06	12.00	-0.049	-0.59		658.47	
659.36		+1.18	+0.049	24.00	195+75.00	658.18	12.00	-0.049	-0.59		657.59	
658.49		+1.18	+0.049	24.00	196+00.00	657.31	12.00	-0.049	-0.59		656.72	
657.61		+1.18	+0.049	24.00	196+25.00	656.43	12.00	-0.049	-0.59		655.84	
656.74		+1.18	+0.049	24.00	196+50.00	655.56	12.00	-0.049	-0.59		654.97	
655.86		+1.18	+0.049	24.00	196+75.00	654.68	12.00	-0.049	-0.59		654.09	
654.99		+1.18	+0.049	24.00	197+00.00	653.81	12.00	-0.049	-0.59		653.22	
654.12		+1.18	+0.049	24.00	197+25.00	652.94	12.00	-0.049	-0.59		652.35	
653.26		+1.18	+0.049	24.00	197+50.00	652.08	12.00	-0.049	-0.59		651.49	
652.45		+1.18	+0.049	24.00	197+75.00	651.27	12.00	-0.049	-0.59		650.68	
651.69		+1.18	+0.049	24.00	198+00.00	650.51	12.00	-0.049	-0.59		649.92	
651.57	▲	+1.18	+0.049	24.00	198+03.97	650.39	12.00	-0.049	-0.59	▲	649.80	F.S.
650.90		+1.11	+0.046	24.00	198+25.00	649.79	12.00	-0.046	-0.56		649.23	
650.16		+1.04	+0.043	24.00	198+50.00	649.12	12.00	-0.043	-0.52		648.60	
649.45		+0.96	+0.040	24.00	198+75.00	648.49	12.00	-0.040	-0.48		648.01	
648.79		+0.89	+0.037	24.00	199+00.00	647.90	12.00	-0.037	-0.44		647.46	
648.30	▼	+0.83	+0.035	24.00	199+20.18	647.47	12.00	-0.035	-0.41	▼	647.06	
					SEE EB TIE IN							

SUPERELEVATION TABLE

P.I. Station 3005+92.95

Dc = 3°57'0"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					SEE EB I.R. 90							
648.29	▲	+0.41	+0.035	12.00	3000+00.00	647.88	24.00	-0.035	-0.83	▲	647.05	
647.72		+0.35	+0.029	12.00	3000+25.00	647.37	24.00	-0.029	-0.70		646.67	
647.19		+0.29	+0.024	12.00	3000+50.00	646.90	24.00	-0.024	-0.58		646.32	
646.70		+0.23	+0.019	12.00	3000+75.00	646.47	24.00	-0.019	-0.45		646.02	
646.45		+0.19	+0.016	12.00	3000+88.80	646.25	24.00	-0.016	-0.38		645.87	R.C.
646.24		+0.16	+0.014	12.00	3001+00.00	646.08	24.00	-0.014	-0.33		645.75	
645.83		+0.10	+0.008	12.00	3001+25.00	645.73	24.00	-0.008	-0.20		645.53	
645.46	200:1	+0.04	+0.003	12.00	3001+50.00	645.42	24.00	-0.003	-0.08	200:1	645.34	FLAT
645.23		+0.00	+0.000	12.00	3001+65.60	645.23	24.00	+0.000	+0.00		645.23	FLAT
645.10		-0.02	-0.002	12.00	3001+75.00	645.12	24.00	+0.002	+0.05		645.17	
644.73		-0.09	-0.007	12.00	3002+00.00	644.82	24.00	+0.007	+0.17		644.99	
644.38		-0.15	-0.012	12.00	3002+25.00	644.53	24.00	+0.012	+0.30		644.83	
644.13		-0.19	-0.016	12.00	3002+42.40	644.32	24.00	+0.016	+0.38		644.70	R.C.
644.02		-0.21	-0.018	12.00	3002+50.00	644.23	24.00	+0.018	+0.42		644.65	
643.67		-0.27	-0.023	12.00	3002+75.00	643.94	24.00	+0.023	+0.55		644.49	
643.30		-0.34	-0.028	12.00	3003+00.00	643.64	24.00	+0.028	+0.67		644.31	
642.95		-0.40	-0.033	12.00	3003+25.00	643.35	24.00	+0.033	+0.80		644.15	
642.59		-0.46	-0.038	12.00	3003+50.00	643.05	24.00	+0.038	+0.92		643.97	
642.23		-0.52	-0.044	12.00	3003+75.00	642.75	24.00	+0.044	+1.05		643.80	
641.87	▼	-0.59	-0.049	12.00	3004+00.00	642.46	24.00	+0.049	+1.17	▼	643.63	F.S.
641.65		-0.62	-0.052	12.00	3004+15.20	642.28	24.00	+0.052	+1.25		643.53	F.S.
641.54		-0.62	-0.052	12.00	3004+25.00	642.16	24.00	+0.052	+1.25		643.41	
641.25		-0.62	-0.052	12.00	3004+50.00	641.87	24.00	+0.052	+1.25		643.12	
640.95		-0.62	-0.052	12.00	3004+75.00	641.57	24.00	+0.052	+1.25		642.82	
640.65		-0.62	-0.052	12.00	3005+00.00	641.27	24.00	+0.052	+1.25		642.52	
640.36		-0.62	-0.052	12.00	3005+25.00	640.98	24.00	+0.052	+1.25		642.23	
640.06		-0.62	-0.052	12.00	3005+50.00	640.68	24.00	+0.052	+1.25		641.93	
639.77		-0.62	-0.052	12.00	3005+75.00	640.39	24.00	+0.052	+1.25		641.64	
639.47		-0.62	-0.052	12.00	3006+00.00	640.09	24.00	+0.052	+1.25		641.34	
639.18		-0.62	-0.052	12.00	3006+25.00	639.80	24.00	+0.052	+1.25		641.05	
638.91		-0.62	-0.052	12.00	3006+50.00	639.53	24.00	+0.052	+1.25		640.78	
638.71		-0.62	-0.052	12.00	3006+75.00	639.33	24.00	+0.052	+1.25		640.58	
638.57		-0.62	-0.052	12.00	3007+00.00	639.19	24.00	+0.052	+1.25		640.44	
638.50		-0.62	-0.052	12.00	3007+25.00	639.12	24.00	+0.052	+1.25		640.37	
638.48		-0.62	-0.052	12.00	3007+50.00	639.10	24.00	+0.052	+1.25		640.35	
638.54		-0.62	-0.052	12.00	3007+75.00	639.16	24.00	+0.052	+1.25		640.41	
638.65		-0.62	-0.052	12.00	3008+00.00	639.27	24.00	+0.052	+1.25		640.52	
638.83		-0.62	-0.052	12.00	3008+25.00	639.45	24.00	+0.052	+1.25		640.70	
639.07		-0.62	-0.052	12.00	3008+50.00	639.69	24.00	+0.052	+1.25		640.94	
639.37		-0.62	-0.052	12.00	3008+75.00	639.99	24.0					

SUPERELEVATION TABLE

P. I. Station 3011+11.18 Dc = 3°0'0"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
640.03		-0.54	-0.045	12.00	3009+12.51	640.57	24.00	+0.045	+1.08		641.65	P.C.C & FS
639.83		-0.54	-0.045	12.00	3009+25.00	640.37	24.00	+0.045	+1.08		641.45	
640.74		-0.54	-0.045	12.00	3009+50.00	641.28	24.00	+0.045	+1.08		642.36	
641.29		-0.54	-0.045	12.00	3009+75.00	641.83	24.00	+0.045	+1.08		642.91	
641.91		-0.54	-0.045	12.00	3010+00.00	642.45	24.00	+0.045	+1.08		643.53	
642.59		-0.54	-0.045	12.00	3010+25.00	643.13	24.00	+0.045	+1.08		644.21	
643.32		-0.54	-0.045	12.00	3010+50.00	643.86	24.00	+0.045	+1.08		644.94	
644.06		-0.54	-0.045	12.00	3010+75.00	644.60	24.00	+0.045	+1.08		645.68	
644.79		-0.54	-0.045	12.00	3011+00.00	645.33	24.00	+0.045	+1.08		646.41	
645.46		-0.54	-0.045	12.00	3011+25.00	646.00	24.00	+0.045	+1.08		647.08	
646.06		-0.54	-0.045	12.00	3011+50.00	646.60	24.00	+0.045	+1.08		647.68	
646.59		-0.54	-0.045	12.00	3011+75.00	647.13	24.00	+0.045	+1.08		648.21	
647.04		-0.54	-0.045	12.00	3012+00.00	647.58	24.00	+0.045	+1.08		648.66	
647.42		-0.54	-0.045	12.00	3012+25.00	647.96	24.00	+0.045	+1.08		649.04	
647.73		-0.54	-0.045	12.00	3012+50.00	648.27	24.00	+0.045	+1.08		649.35	
647.96		-0.54	-0.045	12.00	3012+75.00	648.50	24.00	+0.045	+1.08		649.58	
647.99	200:1	-0.54	-0.045	12.00	3012+78.44	648.53	24.00	+0.045	+1.08		649.61	F.S.
648.61		-0.05	-0.045	12.00	3013+00.00	648.66	24.00	+0.049	+1.18		649.85	
648.09		-0.61	-0.051	12.00	3013+08.43	648.70	24.00	+0.051	+1.22		649.92	P.C.C.

SUPERELEVATION TABLE

P. I. Station 3013+87.85 Dc = 3°17'26.26"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
648.09		-0.61	-0.051	12.00	3013+08.43	648.70	24.00	+0.051	+1.22		649.92	P.C.C & FS
648.14		-0.61	-0.051	12.00	3013+25.00	648.75	24.00	+0.051	+1.22		649.97	
648.15		-0.61	-0.051	12.00	3013+50.00	648.76	24.00	+0.051	+1.22		649.99	
648.09		-0.61	-0.051	12.00	3013+75.00	648.70	24.00	+0.051	+1.22		649.93	
647.96		-0.61	-0.051	12.00	3014+00.00	648.57	24.00	+0.051	+1.22		649.80	
647.76		-0.61	-0.051	12.00	3014+25.00	648.37	24.00	+0.051	+1.22		649.59	
647.70		-0.61	-0.051	12.00	3014+30.86	648.31	24.00	+0.051	+1.22		649.53	MATCH

* NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE
 POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

SUPERELEVATION TABLE
 I.R. 90 EB TIE IN

SUPERELEVATION TABLE

P. I. Station 183+70.18

Dc = 2°0'0"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
696.41	▲	+0.34	+0.014	24.00	177+40.36	696.07	24.00	-0.014	-0.34	▲	695.73	MATCH
696.12		+0.15	+0.012	12.00	177+50.00	695.97	24.00	-0.012	-0.29		695.68	
695.80		+0.09	+0.007	12.00	177+75.00	695.71	24.00	-0.007	-0.18		695.53	
695.48		+0.03	+0.003	12.00	178+00.00	695.45	24.00	-0.003	-0.07		695.38	
695.29		+0.00	+0.000	12.00	178+15.00	695.29	24.00	+0.000	+0.00		695.29	FLAT
695.16		-0.02	-0.002	12.00	178+25.00	695.18	24.00	+0.002	+0.05		695.23	
694.84		-0.08	-0.007	12.00	178+50.00	694.92	24.00	+0.007	+0.16		695.08	
694.52		-0.14	-0.011	12.00	178+75.00	694.66	24.00	+0.011	+0.27		694.93	
694.20	222:1	-0.19	-0.016	12.00	179+00.00	694.40	24.00	+0.016	+0.38	222:1	694.78	
694.20		-0.19	-0.016	12.00	179+00.25	694.39	24.00	+0.016	+0.38		694.77	R.C.
693.89		-0.25	-0.021	12.00	179+25.00	694.13	24.00	+0.021	+0.50		694.63	
693.63		-0.29	-0.025	12.00	179+45.85	693.92	24.00	+0.025	+0.59		694.51	P.C.
693.58		-0.30	-0.025	12.00	179+50.00	693.88	24.00	+0.025	+0.61		694.49	
693.29		-0.36	-0.030	12.00	179+75.00	693.65	24.00	+0.030	+0.72		694.37	
693.02		-0.42	-0.035	12.20	180+00.00	693.44	24.00	+0.035	+0.83		694.28	
692.75		-0.50	-0.039	12.68	180+25.00	693.25	24.00	+0.039	+0.95		694.20	
692.50		-0.58	-0.044	13.18	180+50.00	693.08	24.00	+0.044	+1.06		694.14	
692.45	▼	-0.60	-0.045	13.28	180+54.76	693.05	24.00	+0.045	+1.08	▼	694.13	F.S.
692.31		-0.62	-0.045	13.69	180+75.00	692.93	24.00	+0.045	+1.08		694.01	
692.15		-0.64	-0.045	14.18	181+00.00	692.79	24.00	+0.045	+1.08		693.87	
692.00		-0.66	-0.045	14.68	181+25.00	692.67	24.00	+0.045	+1.08		693.75	
691.86		-0.68	-0.045	15.18	181+50.00	692.54	24.00	+0.045	+1.08		693.62	
691.71		-0.71	-0.045	15.68	181+75.00	692.42	24.00	+0.045	+1.08		693.50	
691.56		-0.73	-0.045	16.18	182+00.00	692.29	24.00	+0.045	+1.08		693.37	
691.41		-0.75	-0.045	16.68	182+25.00	692.17	24.00	+0.045	+1.08		693.25	
691.27		-0.77	-0.045	17.18	182+50.00	692.04	24.00	+0.045	+1.08		693.12	
691.12		-0.80	-0.045	17.68	182+75.00	691.92	24.00	+0.045	+1.08		693.00	
690.97		-0.82	-0.045	18.18	183+00.00	691.79	24.00	+0.045	+1.08		692.87	
690.82		-0.84	-0.045	18.68	183+25.00	691.67	24.00	+0.045	+1.08		692.75	
690.68		-0.86	-0.045	19.18	183+50.00	691.54	24.00	+0.045	+1.08		692.62	
690.53		-0.89	-0.045	19.68	183+75.00	691.42	24.00	+0.045	+1.08		692.50	
690.38		-0.91	-0.045	20.18	184+00.00	691.29	24.00	+0.045	+1.08		692.37	
690.23		-0.93	-0.045	20.68	184+25.00	691.17	24.00	+0.045	+1.08		692.25	
690.09		-0.95	-0.045	21.18	184+50.00	691.04	24.00	+0.045	+1.08		692.12	
689.94		-0.98	-0.045	21.68	184+75.00	690.92	24.00	+0.045	+1.08		692.00	
689.79		-1.00	-0.045	22.18	185+00.00	690.79	24.00	+0.045	+1.08		691.87	
689.64		-1.02	-0.045	22.68	185+25.00	690.67	24.00	+0.045	+1.08		691.75	
689.50		-1.04	-0.045	23.18	185+50.00	690.54	24.00	+0.045	+1.08		691.62	
689.35		-1.07	-0.045	23.68	185+75.00	690.42	24.00	+0.045	+1.08		691.50	
689.21		-1.08	-0.045	24.00	186+00.00	690.29	24.00	+0.045	+1.08		691.37	
689.09		-1.08	-0.045	24.00	186+25.00	690.17	24.00	+0.045	+1.08		691.25	
688.96		-1.08	-0.045	24.00	186+50.00	690.04	24.00	+0.045	+1.08		691.12	
688.84		-1.08	-0.045	24.00	186+75.00	689.92	24.00	+0.045	+1.08		691.00	
688.71		-1.08	-0.045	24.00	187+00.00	689.79	24.00	+0.045	+1.08		690.87	
688.67	▲	-1.08	-0.045	24.00	187+08.48	689.75	24.00	+0.045	+1.08	▲	690.83	F.S.
688.66		-1.01	-0.042	24.00	187+25.00	689.67	24.00	+0.042	+1.01		690.67	
688.65		-0.89	-0.037	24.00	187+50.00	689.54	24.00	+0.037	+0.89		690.43	
688.62		-0.78	-0.033	24.00	187+75.00	689.40	24.00	+0.033	+0.78		690.18	
688.59		-0.72	-0.030	24.00	187+88.40	689.31	24.00	+0.030	+0.72		690.03	P.T.
688.56	222:1	-0.67	-0.028	24.00	188+00.00	689.22	24.00	+0.028	+0.67	222:1	689.89	
688.45		-0.56	-0.023	24.00	188+25.00	689.01	24.00	+0.023	+0.56		689.56	
688.30		-0.44	-0.018	24.00	188+50.00	688.75	24.00	+0.018	+0.44		689.19	
688.22	▼	-0.38	-0.016	24.00	188+62.99	688.60	24.00	+0.016	+0.38	▼	688.98	R.C.

SUPERELEVATION TABLE

P. I. Station 183+70.18

Dc = 2°0'0"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
686.45		-0.38	-0.016	24.00	188+75.00	686.84	24.00	+0.014	+0.33	▲	687.17	
685.95		-0.38	-0.016	24.00	189+00.00	686.33	24.00	+0.009	+0.22		686.55	
685.40		-0.38	-0.016	24.00	189+25.00	685.79	24.00	+0.004	+0.11		685.89	
686.94		-0.38	-0.016	24.00	189+48.24	687.32	24.00	+0.000	+0.00	222:1	687.32	1/2 LEVEL
686.92		-0.38	-0.016	24.00	189+50.00	687.30	24.00	-0.000	-0.01		687.29	
686.45		-0.38	-0.016	24.00	189+75.00	686.84	24.00	-0.005	-0.12		686.72	
685.95		-0.38	-0.016	24.00	190+00.00	686.33	24.00	-0.010	-0.23		686.10	
685.40		-0.38	-0.016	24.00	190+25.00	685.79	24.00	-0.014	-0.35		685.44	
685.22		-0.38	-0.016	24.00	190+33.49	685.60	24.00	-0.016	-0.38	▼	685.22	NC

CUY-90-16.28

MODEL: Sheet PAPER: 6/22/2022 DATE: 6/22/2022 TIME: 7:22:09 PM USER: Maja.Gallogher p:\mb-us-pw\ben\mb-us-pw-03\Documents\Cleveland_OH\OL\Projects\001\Dist\1\2\82382_400-Engineering\Roadway\Sheets\82382_GE2201.dgn

SUPERELEVATION TABLE
I.R. 90 WB

DESIGN AGENCY

BURGESS & NIPLE
100 WEST EIRE STREET
PAINESVILLE, OHIO 44077

DESIGNER

MDO

REVIEWER

MRT

PROJECT ID

82382

SHEET

818

TOTAL

2339

SUPERELEVATION TABLE

P. I. Station 4006+44.80 Dc = 3°52'30"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
Note: Left side is deacceleraton lane into I.R. 90 WB												
					SEE I.R. 90 WB							
649.44	▲	+0.29	+0.024	12.00	4000+00.00	649.15	24.00	-0.024	-0.58	▲	648.57	
648.51		+0.23	+0.019	12.00	4000+25.00	648.28	24.00	-0.019	-0.46		647.83	
647.95		+0.21	+0.016	13.00	4000+40.90	647.75	24.00	-0.016	-0.38		647.36	RC
647.62		+0.17	+0.014	12.00	4000+50.00	647.45	24.00	-0.014	-0.34		647.10	
646.76		+0.11	+0.009	12.00	4000+75.00	646.65	24.00	-0.009	-0.22		646.42	
645.94		+0.05	+0.004	12.00	4001+00.00	645.88	24.00	-0.004	-0.11		645.78	
645.22		-0.00	-0.000	13.00	4001+22.69	645.22	24.00	+0.000	+0.01		645.23	FLAT
645.15		-0.01	-0.000	12.00	4001+25.00	645.16	24.00	+0.000	+0.01		645.17	
644.40		-0.06	-0.005	12.00	4001+50.00	644.46	24.00	+0.005	+0.13		644.59	
643.69		-0.12	-0.010	12.00	4001+75.00	643.81	24.00	+0.010	+0.25		644.06	
643.01		-0.18	-0.015	12.00	4002+00.00	643.19	24.00	+0.015	+0.36		643.55	
642.37		-0.24	-0.020	12.00	4002+25.00	642.61	24.00	+0.020	+0.48		643.09	
641.76		-0.30	-0.025	12.00	4002+50.00	642.06	24.00	+0.025	+0.60		642.66	
641.63		-0.31	-0.026	12.00	4002+55.52	641.94	24.00	+0.030	+0.72		642.66	PC
641.19		-0.36	-0.030	12.00	4002+75.00	641.55	24.00	+0.035	+0.83		642.38	
640.65		-0.42	-0.035	12.00	4003+00.00	641.07	24.00	+0.035	+0.83		641.90	
640.16		-0.47	-0.040	12.00	4003+25.00	640.63	24.00	+0.040	+0.95		641.58	
639.70		-0.53	-0.044	12.00	4003+50.00	640.23	24.00	+0.045	+1.07		641.30	
639.27		-0.59	-0.049	12.00	4003+75.00	639.86	24.00	+0.049	+1.19		641.05	
639.14	▼	-0.61	-0.051	12.00	4003+83.40	639.75	24.00	+0.051	+1.22	▼	640.97	FS
638.92		-0.61	-0.051	12.00	4004+00.00	639.53	24.00	+0.051	+1.22		640.75	
638.62		-0.61	-0.051	12.00	4004+25.00	639.23	24.00	+0.051	+1.22		640.45	
638.32		-0.61	-0.051	12.00	4004+50.00	638.93	24.00	+0.051	+1.22		640.15	
638.02		-0.61	-0.051	12.00	4004+75.00	638.63	24.00	+0.051	+1.22		639.85	
637.72		-0.61	-0.051	12.00	4005+00.00	638.34	24.00	+0.051	+1.22		639.56	
637.43		-0.61	-0.051	12.00	4005+25.00	638.04	24.00	+0.051	+1.22		639.26	
637.13		-0.61	-0.051	12.00	4005+50.00	637.74	24.00	+0.051	+1.22		638.96	
636.88		-0.61	-0.051	12.00	4005+75.00	637.49	24.00	+0.051	+1.22		638.71	
636.69		-0.61	-0.051	12.00	4006+00.00	637.30	24.00	+0.051	+1.22		638.52	
636.57		-0.61	-0.051	12.00	4006+25.00	637.18	24.00	+0.051	+1.22		638.40	
636.52		-0.61	-0.051	12.00	4006+50.00	637.13	24.00	+0.051	+1.22		638.35	
636.53		-0.61	-0.051	12.00	4006+75.00	637.14	24.00	+0.051	+1.22		638.36	
636.60		-0.61	-0.051	12.00	4007+00.00	637.21	24.00	+0.051	+1.22		638.43	
636.75		-0.61	-0.051	12.00	4007+25.00	637.36	24.00	+0.051	+1.22		638.58	
636.96		-0.61	-0.051	12.00	4007+50.00	637.57	24.00	+0.051	+1.22		638.79	
637.21		-0.63	-0.051	12.43	4007+75.00	637.84	24.00	+0.051	+1.22		639.06	
537.52		-0.66	-0.051	12.94	4008+00.00	538.18	24.00	+0.051	+1.22		539.40	
537.90		-0.69	-0.051	13.44	4008+25.00	538.59	24.00	+0.051	+1.22		539.81	
638.34		-0.71	-0.051	13.94	4008+50.00	639.06	24.00	+0.051	+1.22		640.28	
638.86		-0.74	-0.051	14.44	4008+75.00	639.60	24.00	+0.051	+1.22		640.82	
639.44		-0.76	-0.051	14.95	4009+00.00	640.20	24.00	+0.051	+1.22		641.43	
640.08		-0.79	-0.051	15.46	4009+25.00	640.87	24.00	+0.051	+1.22		642.10	
640.80		-0.81	-0.051	15.96	4009+50.00	641.61	24.00	+0.051	+1.22		642.83	
641.57		-0.84	-0.051	16.46	4009+75.00	642.41	24.00	+0.051	+1.22		643.64	
642.38		-0.87	-0.051	16.97	4010+00.00	643.25	24.00	+0.051	+1.22		644.47	
642.46	200:1	◆	-0.87	-0.051	17.02	4010+02.41	643.33	24.00	+0.051	+1.22	644.55	F.S.
642.96	200:1	◆	-0.83	-0.048	17.31	4010+16.81	643.79	24.00	+0.048	+1.15	644.94	P.C.C.

SUPERELEVATION TABLE

P. I. Station 4011+01.10 Dc = 3°27'36"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	*ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	*ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
642.96		-0.83	-0.048	17.31	4010+16.81	643.79	24.00	+0.048	+1.15		644.94	P.C.C.
643.21		-0.84	-0.048	17.47	4010+25.00	644.05	24.00	+0.048	+1.15		645.20	& FS
643.91		-0.86	-0.048	17.98	4010+50.00	644.77	24.00	+0.048	+1.15		645.92	
644.54		-0.89	-0.048	18.48	4010+75.00	645.42	24.00	+0.048	+1.15		646.58	
645.09		-0.91	-0.048	18.98	4011+00.00	646.00	24.00	+0.048	+1.15		647.16	
645.57		-0.94	-0.048	19.49	4011+25.00	646.51	24.00	+0.048	+1.15		647.66	
645.98		-0.96	-0.048	19.99	4011+50.00	646.94	24.00	+0.048	+1.15		648.10	
646.32		-0.98	-0.048	20.50	4011+75.00	647.31	24.00	+0.048	+1.15		648.46	
646.44		-0.99	-0.048	20.70	4011+85.24	647.43	24.00	+0.048	+1.15		648.58	P.C.C.

* NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE
 POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

CUY-90-16.28

MODEL: Sheet PAPER: 6/22/2022 DATE: 6/22/2022 TIME: 7:22:21 PM USER: Mica.Gallagher
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SUPERELEVATION TABLE
 I.R. 90 WB TIE IN

DESIGN AGENCY
BURGESS & NIPLE
100 WEST ERIE STREET
 PAINESVILLE, OHIO 44077
 DESIGNER
 MDO
 REVIEWER
 MRT
 PROJECT ID
 82382
 SHEET TOTAL
 820 2339

SUPERELEVATION TABLE

P.I. STATION 1720+55.32

Dc = 34°45'00"

Table with columns: LEFT SIDE (EDGE ELEVATION, TRANSITION RATE, ELEVATION CORRECTION*, CROSS SLOPE, WIDTH), CENTERLINE CONTROL (STATION, PROFILE GRADE), RIGHT SIDE (WIDTH, CROSS SLOPE, ELEVATION CORRECTION*, TRANSITION RATE, EDGE ELEVATION), and REMARKS. Includes data rows for stations 1708+29.41 to 1715+60.50 with various correction values.

* NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE. POSITIVE CORRECTIONS MEANING BELOW PROFILE GRADE.

SUPERELEVATION TABLE

Empty table structure with columns: LEFT SIDE, CENTERLINE CONTROL, RIGHT SIDE, and REMARKS. Columns include Edge Elevation, Transition Rate, Elevation Correction*, Cross Slope, Width, Station, Profile Grade, and Edge Elevation.

SUPERELEVATION TABLE RAMP IB5

DESIGN AGENCY



DESIGNER

REVIEWER

PROJECT ID

82382

SHEET TOTAL

825 2339

SUPERELEVATION TABLE

P.I. STATION 1605+84.05

Dc = 07°00'00"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION*	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION*	TRANSITION RATE	EDGE ELEVATION	
					1602+87.87	698.01	16.00	-0.016	-0.26	185:1	697.75	NC
					1603+00.00	697.86	16.00	-0.012	-0.19		697.67	
					1603+25.00	697.53	16.00	-0.003	-0.06		697.47	
					1603+50.00	697.21	16.00	0.005	0.08		697.29	
					1603+75.00	696.88	16.00	0.013	0.21		697.09	
					1604+00.00	696.56	16.00	0.022	0.35		696.91	
					1604+21.20	696.29	16.00	0.029	0.46		696.75	PC
					1604+25.00	696.24	16.00	0.030	0.48		696.72	
					1604+50.00	695.91	16.00	0.039	0.62		696.53	
					1604+75.00	695.59	16.00	0.047	0.75		696.34	
					1605+00.00	695.27	16.00	0.056	0.89		696.16	
					1605+07.13	695.18	16.00	0.058	0.93		696.11	FS
					1605+25.00	694.98	16.00	0.058	0.93		695.91	
					1605+50.00	694.76	16.00	0.058	0.93		695.69	
					1605+75.00	694.62	16.00	0.058	0.93		695.55	
					1606+00.00	694.54	16.00	0.058	0.93	695.47		
					1606+25.00	694.54	16.00	0.058	0.93	695.47		
					1606+50.00	694.61	16.00	0.058	0.93	695.54		
					1606+75.00	694.76	16.00	0.058	0.93	695.69		
					1606+85.41	694.84	16.00	0.058	0.93	695.77	FS	
					1607+00.00	694.97	16.00	0.053	0.85	695.82		
					1607+25.00	695.22	16.00	0.045	0.71	695.93		
					1607+42.69	695.40	16.00	0.039	0.62	696.02	PT	
					1607+50.00	695.47	16.00	0.036	0.58	696.05		
					1607+75.00	695.72	16.00	0.028	0.44	696.16		
					1608+00.00	695.97	16.00	0.019	0.31	696.28		
					1608+09.85	696.07	16.00	0.016	0.26	696.32	RC	
					1613+50.00	696.59	16.00	0.016	0.26	696.85	RC	
					1613+75.00	695.82	16.00	0.008	0.12	695.94		
					1614+00.00	694.94	16.00	-0.001	-0.01	694.93		
					1614+25.00	694.02	16.00	-0.009	-0.15	693.87		
					1614+44.81	693.29	16.00	-0.016	-0.26	693.04	NC	

* NEGATIVE CORRECTIONS MEANING BELOW PROFILE GRADE.
POSITIVE CORRECTIONS MEANING ABOVE PROFILE GRADE.

SUPERELEVATION TABLE

P.I. STATION 1618+94.83

Dc = 04°00'00"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS				
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION*	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION*	TRANSITION RATE	EDGE ELEVATION					
					1617+48.89	682.09	23.82	-0.016	-0.38	152:1	681.71	RC				
					1617+50.00	682.05	24.00	-0.016	-0.39		681.65					
					1617+58.59	681.73	24.00	-0.019	-0.45		681.28	PC				
					1617+75.00	681.13	24.00	-0.023	-0.56		680.57					
					1617+92.53	680.48	24.00	-0.028	-0.67		679.81	FS				
					1618+00.00	680.20	24.00	-0.028	-0.67	679.53						
					1618+25.00	679.28	24.00	-0.028	-0.67	678.61						
					1618+50.00	678.36	24.00	-0.028	-0.67	677.69						
					1618+75.00	677.44	24.00	-0.028	-0.67	676.77						
					1619+00.00	676.52	24.00	-0.028	-0.67	675.85						
					1619+25.00	675.60	24.00	-0.028	-0.67	674.93						
					1619+50.00	674.68	24.00	-0.028	-0.67	674.00						
					1619+75.00	673.83	24.00	-0.028	-0.67	673.16						
					1619+96.31	673.23	24.00	-0.028	-0.67	672.56	FS					
					1620+00.00	673.14	24.00	-0.027	-0.65	672.49						
					1620+25.00	672.59	24.00	-0.020	-0.48	672.12						
					1620+30.25	672.50	24.00	-0.018	-0.44	672.06	PT					
					1620+34.84	672.42	24.00	-0.017	-0.41	672.01						
					SEE INTERSECTION DETAIL											

CUY-90-16.28 (CCG3A)

MODEL: Sheet PAPER: 11x17 (in.) DATE: 6/22/2022 TIME: 7:22:57 PM USER: Maia.Gallagher
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DESIGN AGENCY
HR
DESIGNER
REVIEWER
PROJECT ID
82382
SHEET TOTAL
826 2339

SUPERELEVATION TABLE
RAMP B6

CUY-90-16.28 (CCG3A)

MODEL: Sheet PAPER: 11x17 DATE: 6/22/2022 TIME: 7:23:09 PM USER: MicaGallogher

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SUPERELEVATION TABLE - RAMP IH5

P.I. STATION 1080+20.78

Dc = 09°37'46"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
695.29	172:1	0.99	0.0411	24	1076+42.18	694.30	0.00	0.0411	0.00	172:1	694.30	BEGIN
695.33		1.03	0.0430	24	1076+50.00	694.30	2.27	0.0430	-0.10		694.20	
695.04		1.18	0.0490	24	1076+75.00	693.86	3.24	0.0490	-0.16		693.70	
694.68		1.32	0.0551	24	1077+00.00	693.36	4.50	0.0551	-0.25		693.11	
694.49		1.39	0.0580	24	1077+12.11	693.10	4.50	0.0580	-0.26		692.84	FS
694.19		1.39	0.0580	24	1077+25.00	692.80	4.50	0.0580	-0.26		692.53	
693.56		1.39	0.0580	24	1077+50.00	692.17	4.50	0.0580	-0.26		691.91	
692.91		1.39	0.0580	24	1077+75.00	691.52	4.50	0.0580	-0.26		691.26	
692.34		1.39	0.0580	24	1078+00.00	690.95	4.50	0.0580	-0.26		690.69	
691.76		1.39	0.0580	24	1078+25.00	690.37	4.50	0.0580	-0.26		690.11	
691.31		1.39	0.0580	24	1078+50.00	689.91	4.50	0.0580	-0.26		689.65	
690.93		1.39	0.0580	24	1078+75.00	689.53	4.50	0.0580	-0.26		689.27	
690.62		1.39	0.0580	24	1079+00.00	689.23	4.50	0.0580	-0.26		688.97	
690.40		1.39	0.0580	24	1079+25.00	689.01	4.50	0.0580	-0.26		688.75	
690.25		1.39	0.0580	24	1079+50.00	688.86	4.50	0.0580	-0.26		688.60	
690.15		1.39	0.0580	24	1079+75.00	688.76	4.50	0.0580	-0.26		688.50	
690.03		1.39	0.0580	24	1080+00.00	688.64	4.50	0.0580	-0.26		688.38	
689.88		1.39	0.0580	24	1080+20.78	688.49	4.50	0.0580	-0.26		688.23	PI
689.84	1.39	0.0580	24	1080+25.00	688.45	4.50	0.0580	-0.26	688.19			
689.57	1.39	0.0580	24	1080+50.00	688.18	4.50	0.0580	-0.26	687.92			
689.22	1.39	0.0580	24	1080+75.00	687.83	4.50	0.0580	-0.26	687.57			
688.80	1.39	0.0580	24	1081+00.00	687.40	4.50	0.0580	-0.26	687.14			
688.30	1.39	0.0580	24	1081+25.00	686.90	4.50	0.0580	-0.26	686.64			
687.78	1.39	0.0580	24	1081+50.00	686.38	4.50	0.0580	-0.26	686.12			
687.26	1.39	0.0580	24	1081+75.00	685.87	4.50	0.0580	-0.26	685.60			
686.74	1.39	0.0580	24	1082+00.00	685.35	4.50	0.0580	-0.26	685.09			
686.22	1.39	0.0580	24	1082+25.00	684.83	4.50	0.0580	-0.26	684.57			
685.70	1.39	0.0580	24	1082+50.00	684.31	4.50	0.0580	-0.26	684.05			
685.20	1.39	0.0580	24	1082+74.15	683.81	4.50	0.0580	-0.26	683.55	FS		
685.18	1.39	0.0578	24	1082+75.00	683.79	4.40	0.0578	-0.25	683.54			
684.51	1.24	0.0518	24	1083+00.00	683.27	4.40	0.0518	-0.23	683.04			
683.86	1.11	0.0457	24.24	1083+25.00	682.75	3.75	0.0457	-0.17	682.58			
683.22	0.99	0.0397	24.89	1083+50.00	682.23	3.11	0.0397	-0.12	682.11			
683.13	0.97	0.0387	24.99	1083+54.14	682.16	3.00	0.0387	-0.12	682.04	PT		
682.57	0.86	0.0336	25.53	1083+75.00	681.71	2.46	0.0336	-0.08	681.63			
681.92	0.72	0.0276	26.18	1084+00.00	681.20	1.81	0.0276	-0.05	681.15			
681.25	0.58	0.0215	26.83	1084+25.00	680.68	1.17	0.0215	-0.03	680.65			
680.64	0.44	0.0160	27.47	1084+47.94	680.20	0.52	0.0160	-0.01	680.19	NC		
680.60	0.44	0.0160	27.47	1084+50.00	680.16	0.52	0.0160	-0.01	680.15			
680.19	0.45	0.0160	27.99	1084+70.00	679.74	0.00	0.0160	0.00	679.74			
680.09	0.45	0.0160	28	1084+75.00	679.64	0.00	0.0160	0.00	679.64			

SUPERELEVATION TABLE - RAMP H5

P.I. STATION 992+53.42

Dc = 06°30'00"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
678.75	185:1	0.19	0.0160	12	985+00.00	678.56	16	-0.0160	-0.26	185:1	678.304	
678.58		0.19	0.0160	12	985+00.00	678.39	16	-0.0160	-0.26		678.132	
678.06		0.19	0.0160	12	985+50.00	677.87	16	-0.0160	-0.26		677.612	
677.54		0.19	0.0160	12	985+75.00	677.35	16	-0.0160	-0.26		677.092	
677.02		0.19	0.0160	12	986+00.00	676.83	16	-0.0160	-0.26		676.571	
676.50		0.19	0.0160	12	986+25.00	676.31	16	-0.0160	-0.26		676.051	
675.98		0.19	0.0160	12	986+50.00	675.79	16	-0.0160	-0.26		675.532	
675.50		0.19	0.0160	12	986+75.00	675.31	16	-0.0160	-0.26		675.054	
675.10		0.21	0.0160	13	987+00.00	674.90	16	-0.0160	-0.26		674.639	
674.73		0.19	0.0160	12	987+25.00	674.54	16	-0.0160	-0.26		674.286	
674.44		0.19	0.0160	12	987+50.00	674.25	16	-0.0160	-0.26		673.995	
674.21		0.19	0.0160	12	987+75.00	674.02	16	-0.0160	-0.26		673.766	
674.19		0.19	0.0160	12	987+94.06	674.00	16	-0.0160	-0.26		673.744	NC
674.07		0.22	0.0180	12	988+00.00	673.86	16	-0.0180	-0.29		673.567	
674.07		0.32	0.0264	12	988+25.00	673.75	16	-0.0264	-0.42		673.327	
674.13		0.42	0.0349	12	988+50.00	673.71	16	-0.0349	-0.56		673.149	
674.16		0.46	0.0380	12	988+59.24	673.71	16	-0.0380	-0.61		673.099	PC
674.25		0.52	0.0433	12	988+75.00	673.73	16	-0.0433	-0.69		673.033	
674.43		0.62	0.0518	12	989+00.00	673.81	16	-0.0518	-0.83		672.979	
674.57		0.68	0.0570	12	989+15.54	673.89	16	-0.0570	-0.91		672.976	FS
674.63		0.68	0.0570	12	989+25.00	673.95	16	-0.0570	-0.91		673.033	
674.78		0.68	0.0570	12	989+50.00	674.09	16	-0.0570	-0.91		673.182	
674.92		0.68	0.0570	12	989+75.00	674.24	16	-0.0570	-0.91		673.324	
675.07		0.68	0.0570	12	990+00.00	674.39	16	-0.0570	-0.91		673.478	
675.17		0.68	0.0570	12	990+25.00	674.49	16	-0.0570	-0.91		673.578	
675.21		0.68	0.0570	12	990+50.00	674.53	16	-0.0570	-0.91		673.617	
675.19		0.68	0.0570	12	990+75.00	674.51	16	-0.0570	-0.91		673.595	
675.11		0.68	0.0570	12	991+00.00	674.42	16	-0.0570	-0.91		673.512	
674.97		0.68	0.0570	12	991+25.00	674.28	16	-0.0570	-0.91		673.369	
674.76		0.68	0.0570	12	991+50.00	674.08	16	-0.0570	-0.91		673.164	
674.49		0.68	0.0570	12	991+75.00	673.81	16	-0.0570	-0.91		672.898	
674.17		0.68	0.0570	12	992+00.00	673.48	16	-0.0570	-0.91		672.571	
673.78	0.68	0.0570	12	992+25.00	673.10	16	-0.0570	-0.91	672.183			
673.33	0.68	0.0570	12	992+50.00	672.65	16	-0.0570	-0.91	671.733			
673.26	0.68	0.0570	12	992+53.42	672.58	16	-0.0570	-0.91	671.668	PI		
672.80	0.68	0.0570	12	992+75.00	672.11	16	-0.0570	-0.91	671.202			
672.25	0.68	0.0570	12	993+00.00	671.56	16	-0.0570	-0.91	670.652			
671.62	0.68	0.0570	12	993+25.00	670.93	16	-0.0570	-0.91	670.02			
670.92	0.68	0.0570	12	993+50.00	670.24	16	-0.0570	-0.91	669.327			
670.17	0.68	0.0570	12	993+75.00	669.48	16	-0.0570	-0.91	668.572			
669.35	0.68	0.0570	12	994+00.00	668.67	16	-0.0570	-0.91	667.757			

SEE RAMP TERMINAL DETAIL

SUPERELEVATION TABLE RAMP IH5

DESIGN AGENCY

Michael Baker
INTERNATIONAL

DESIGNER

REVIEWER

PROJECT ID

82382

SHEET

828

TOTAL
2339

SUPERELEVATION TABLE - RAMP IH6/IH6

P.I. STATIONS = 1184+72.89 / 1189+12.52

Dc = 10°00'00" / 12°00'00"

NOTE: STA. 1274+83.98 = STA. 1183+59.15

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
SEE RAMP TERMINAL DETAIL												
680.07		0.93	0.0580	16.00	1274+50.00	679.14						
679.29		0.93	0.0580	16.00	1274+75.00	678.36						
679.21	161:1	0.93	0.0580	16.00	1274+77.53	678.28						FS
678.96		0.88	0.0550	16.00	1183+59.15	678.08						PC/STA EQN
678.66		0.85	0.0530	16.00	1183+65.60	677.81						FS
678.44		0.85	0.0530	16.00	1183+75.00	677.59						
677.70		0.85	0.0530	16.00	1184+00.00	676.85						
677.03		0.85	0.0530	16.00	1184+25.00	676.18						
676.42		0.85	0.0530	16.00	1184+50.00	675.57						
675.92		0.85	0.0530	16.00	1184+72.89	675.07						PI
675.88		0.85	0.0530	16.00	1184+75.00	675.03						
675.40		0.85	0.0530	16.00	1185+00.00	674.55						
674.99		0.85	0.0530	16.00	1185+25.00	674.14						
674.64		0.85	0.0530	16.00	1185+50.00	673.79						
674.71	161:1	1.20	0.0530	22.64	1185+74.02	673.51						FS
674.72		1.22	0.0532	23.00	1185+75.00	673.5						
674.82		1.40	0.0550	25.50	1185+83.70	673.42						PCC
674.94		1.61	0.0570	28.30	1185+93.38	673.33						FS
675.00		1.71	0.0570	30.00	1186+00.00	673.29						
674.84		1.71	0.0570	30.00	1186+25.00	673.13						
674.75		1.71	0.0570	30.00	1186+50.00	673.04						
674.73		1.71	0.0570	30.00	1186+75.00	673.02						
674.77		1.71	0.0570	30.00	1187+00.00	673.06						
674.87		1.71	0.0570	30.00	1187+25.00	673.16						
675.02		1.71	0.0570	30.00	1187+50.00	673.31						
675.17		1.71	0.0570	30.00	1187+75.00	673.46						
675.32		1.71	0.0570	30.00	1188+00.00	673.61						
675.42		1.71	0.0570	30.00	1188+25.00	673.71						
675.45		1.71	0.0570	30.00	1188+50.00	673.74						
675.41		1.71	0.0570	30.00	1188+75.00	673.7						
675.30		1.71	0.0570	30.00	1189+00.00	673.59						
675.22		1.71	0.0570	30.00	1189+12.52	673.51						PI
675.12		1.71	0.0570	30.00	1189+25.00	673.41						
674.87		1.71	0.0570	30.00	1189+50.00	673.16						
674.60		1.71	0.0570	30.00	1189+75.00	672.89						
674.33		1.71	0.0570	30.00	1190+00.00	672.62						
674.06		1.71	0.0570	30.00	1190+25.00	672.35						
673.91	161:1	1.71	0.0570	30.00	1190+38.26	672.2						FS
673.79		1.71	0.0570	30.00	1190+50.00	672.08						
673.37		1.55	0.0516	30.00	1190+75.00	671.82						
673.05		1.39	0.0463	30.00	1191+00.00	671.66						
672.83		1.23	0.0409	30.00	1191+25.00	671.6						
672.71		1.07	0.0355	30.00	1191+50.00	671.64						
672.68		1.00	0.0335	30.00	1191+59.61	671.68						PT
672.69		0.91	0.0302	30.00	1191+75.00	671.78						
672.80		0.78	0.0261	30.00	1192+00.00	672.02						
672.94		0.58	0.0194	30.00	1192+25.00	672.36						
673.06	0.51	0.0169	30.00	1192+36.64	672.55						NC	

SUPERELEVATION TABLE
RAMP IH6

DESIGN AGENCY

Michael Baker
INTERNATIONAL

DESIGNER

REVIEWER

PROJECT ID

82382

SHEET TOTAL

829 2339

SUPERELEVATION TABLE - RAMP IJ3

P.I. STATION 104+62.29 and 109+39.13

Dc = 23°00'00"

LEFT SIDE					CENTERLINE CONTROL		RIGHT SIDE					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					101+89.00	685.00	16	-0.0562	-0.90	1:152	684.10	BEGIN
					101+92.12	684.88	16	-0.0575	-0.92		683.96	PCC
					101+98.21	684.65	16	-0.0600	-0.96		683.69	FS
					102+00.00	684.58	16	-0.0600	-0.96		683.62	
					102+25.00	683.64	16	-0.0600	-0.96		682.68	
					102+50.00	682.71	16	-0.0600	-0.96		681.75	
					102+75.00	681.77	16	-0.0600	-0.96		680.81	
					103+00.00	680.87	16	-0.0600	-0.96		679.91	
					103+25.00	680.08	16	-0.0600	-0.96		679.12	
					103+50.00	679.37	16	-0.0600	-0.96		678.41	
					103+75.00	678.76	16	-0.0600	-0.96		677.80	
					104+00.00	678.25	16	-0.0600	-0.96		677.29	
					104+25.00	677.83	16	-0.0600	-0.96		676.87	
					104+50.00	677.50	16	-0.0600	-0.96		676.54	
					104+62.29	677.38	16	-0.0600	-0.96		676.42	PI
					104+75.00	677.27	16	-0.0600	-0.96		676.31	
					105+00.00	677.08	16	-0.0600	-0.96		676.12	
					105+25.00	676.90	16	-0.0600	-0.96		675.94	
					105+39.72	676.79	16	-0.0600	-0.96		675.83	FS
					105+50.00	676.71	16	-0.0558	-0.89		675.82	
					105+75.00	676.53	16	-0.0454	-0.73		675.80	
					106+00.00	676.53	16	-0.0351	-0.56		675.96	
					106+03.62	676.32	16	-0.0336	-0.54		675.78	PT
					106+25.00	676.16	16	-0.0248	-0.40		675.76	
					106+50.00	675.97	16	-0.0145	-0.23		675.74	
					106+75.00	675.70	16	-0.0042	-0.07	1:152	675.63	
					106+85.18	675.54	16	0.0000	0.00		675.54	FLAT
					107+00.00	675.25	16	0.0061	0.10		675.35	
					107+25.00	673.28	16	0.0164	0.26		673.55	
					107+50.00	673.86	16	0.0267	0.43		674.29	
					107+66.73	673.28	16	0.0337	0.54		673.82	PC
					107+75.00	673.00	16	0.0371	0.59		673.59	
					108+00.00	672.13	16	0.0474	0.76		672.89	
					108+25.00	671.28	16	0.0577	0.92		672.20	
					108+30.62	671.06	16	0.0600	0.96		672.02	FS
					108+50.00	670.39	16	0.0600	0.96		671.35	
					108+75.00	669.52	16	0.0600	0.96		670.48	
					109+00.00	668.66	16	0.0600	0.96		669.62	
					109+25.00	667.87	16	0.0600	0.96		668.83	
					109+39.13	667.50	16	0.0600	0.96		668.46	PI
					109+50.00	667.25	16	0.0600	0.96		668.21	
					109+75.00	666.80	16	0.0600	0.96		667.76	
					110+00.00	666.51	16	0.0600	0.96		667.47	
					110+25.00	666.30	16	0.0600	0.96		667.26	
					110+50.00	666.09	16	0.0600	0.96		667.05	
					110+51.85	666.08	16	0.0600	0.96		667.04	FS

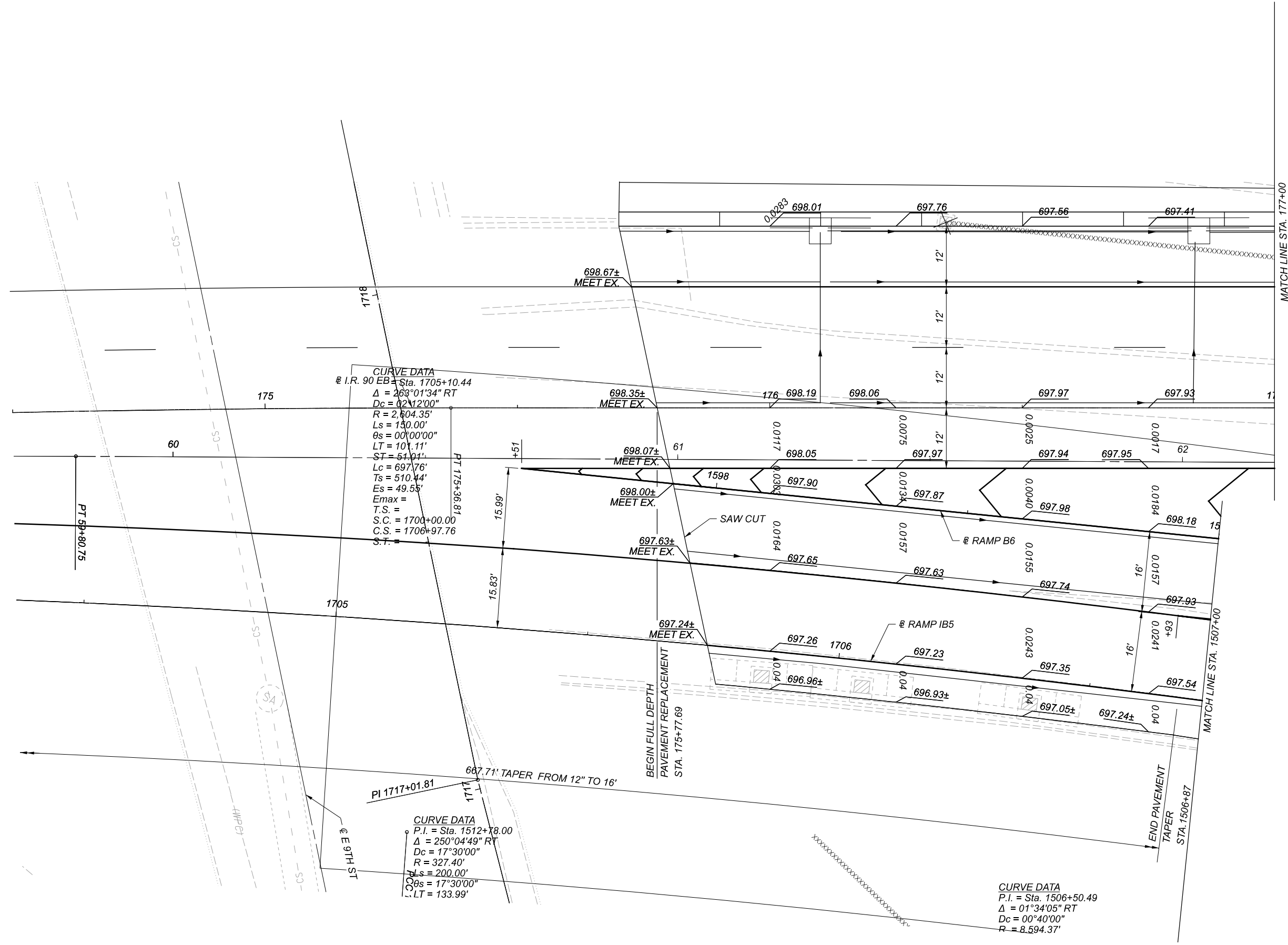
SEE RAMP TERMINAL DETAIL

CUY-90-16.28 (CCG3A)

MODEL: Sheet PAPER: I:\xii (in.) DATE: 6/22/2022 TIME: 7:23:21 PM USER: Mica.Gallagher
 p:\mb-us-pw\ben\ty.comb-us-pw-03\Documents\Cleveland_OH\01_Projects\DOT\Dist\12\82382_400-Engineering\Roadway\Sheets\82382_GE630.dgn

SUPERELEVATION TABLE
RAMP IJ3

DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	--
REVIEWER	--
PROJECT ID	82382
SHEET	830
TOTAL	2339



CURVE DATA
 @ I.R. 90 EB Sta. 1705+10.44
 $\Delta = 263^{\circ}01'34''$ RT
 $Dc = 02'12'00''$
 $R = 2,604.35'$
 $Ls = 130.00'$
 $\theta_s = 00^{\circ}00'00''$
 $LT = 101.11'$
 $ST = 51.01'$
 $Lc = 697.76'$
 $Ts = 510.44'$
 $Es = 49.55'$
 $E_{max} =$
 $T.S. =$
 $S.C. = 1700+00.00$
 $C.S. = 1706+97.76$
 $S.T. =$

CURVE DATA
 P.I. = Sta. 1512+78.00
 $\Delta = 250^{\circ}04'49''$ RT
 $Dc = 17^{\circ}30'00''$
 $R = 327.40'$
 $Ls = 200.00'$
 $\theta_s = 17^{\circ}30'00''$
 $LT = 133.99'$

CURVE DATA
 P.I. = Sta. 1506+50.49
 $\Delta = 01^{\circ}34'05''$ RT
 $Dc = 00^{\circ}40'00''$
 $R = 8,594.37'$

± MATCH EXISTING ELEVATION



RAMP TERMINAL DETAIL - I.R. 90 EB & RAMPS IB5 AND B6
 STA. 172+00.00 TO STA. 174+50.00

DESIGN AGENCY

BURGESS & NIPLE
 100 WEST ERIE STREET
 PAINESVILLE, OHIO 44077

DESIGNER

REVIEWER

PROJECT ID

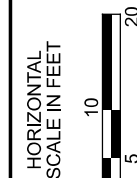
82382

SHEET

831

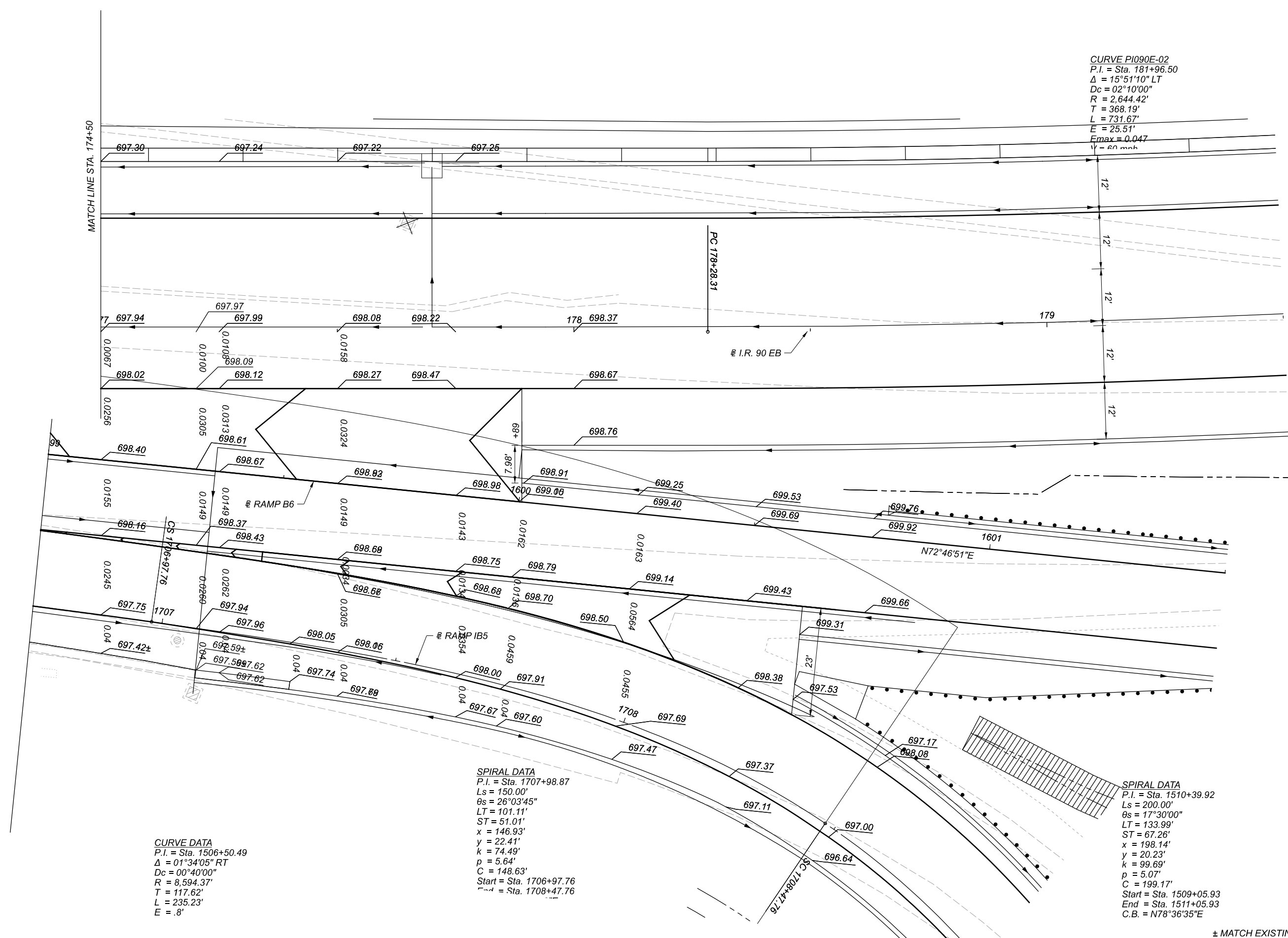
TOTAL

2339



RAMP TERMINAL DETAIL - I.R. 90 EB & RAMPS IB5 AND B6
 STA. 174+50.00 TO STA. 179+50.00

CURVE PI090E-02
 P.I. = Sta. 181+96.50
 $\Delta = 15^\circ 51' 10''$ LT
 $D_c = 02^\circ 10' 00''$
 $R = 2,644.42'$
 $T = 368.19'$
 $L = 731.67'$
 $E = 25.51'$
 $F_{max} = 0.047$
 $V = 60$ mph



CURVE DATA
 P.I. = Sta. 1506+50.49
 $\Delta = 01^\circ 34' 05''$ RT
 $D_c = 00^\circ 40' 00''$
 $R = 8,594.37'$
 $T = 117.62'$
 $L = 235.23'$
 $E = .8'$

SPIRAL DATA
 P.I. = Sta. 1707+98.87
 $L_s = 150.00'$
 $\theta_s = 26^\circ 03' 45''$
 $LT = 101.11'$
 $ST = 51.01'$
 $x = 146.93'$
 $y = 22.41'$
 $k = 74.49'$
 $p = 5.64'$
 $C = 148.63'$
 Start = Sta. 1706+97.76
 End = Sta. 1708+47.76

SPIRAL DATA
 P.I. = Sta. 1510+39.92
 $L_s = 200.00'$
 $\theta_s = 17^\circ 30' 00''$
 $LT = 133.99'$
 $ST = 67.26'$
 $x = 198.14'$
 $y = 20.23'$
 $k = 99.69'$
 $p = 5.07'$
 $C = 199.17'$
 Start = Sta. 1509+05.93
 End = Sta. 1511+05.93
 C.B. = $N78^\circ 36' 35''$ E

± MATCH EXISTING ELEVATION

DESIGN AGENCY

BURGESS & NIPLE
 100 WEST ERIE STREET
 PAINESVILLE, OHIO 44077

DESIGNER

REVIEWER

PROJECT ID

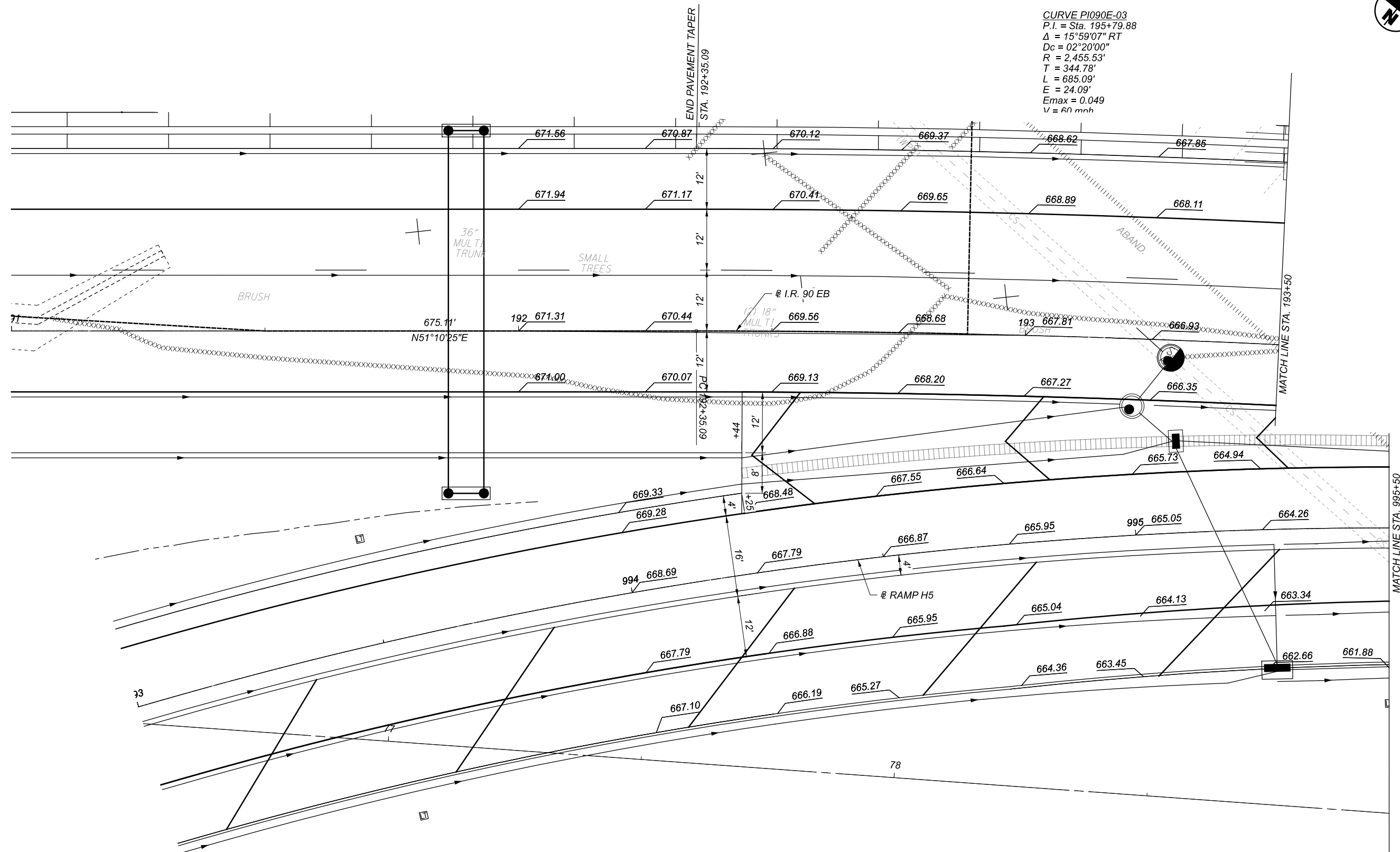
82382

SHEET

832

TOTAL

2339



CURVE PI090E-03
 P.I. = Sta. 195+79.88
 $\Delta = 15^\circ 59' 07''$ RT
 $D_c = 02^\circ 20' 00''$
 $R = 2,455.53'$
 $T = 344.78'$
 $L = 685.09'$
 $E = 24.09'$
 $E_{max} = 0.049$
 $V = 60$ mnh

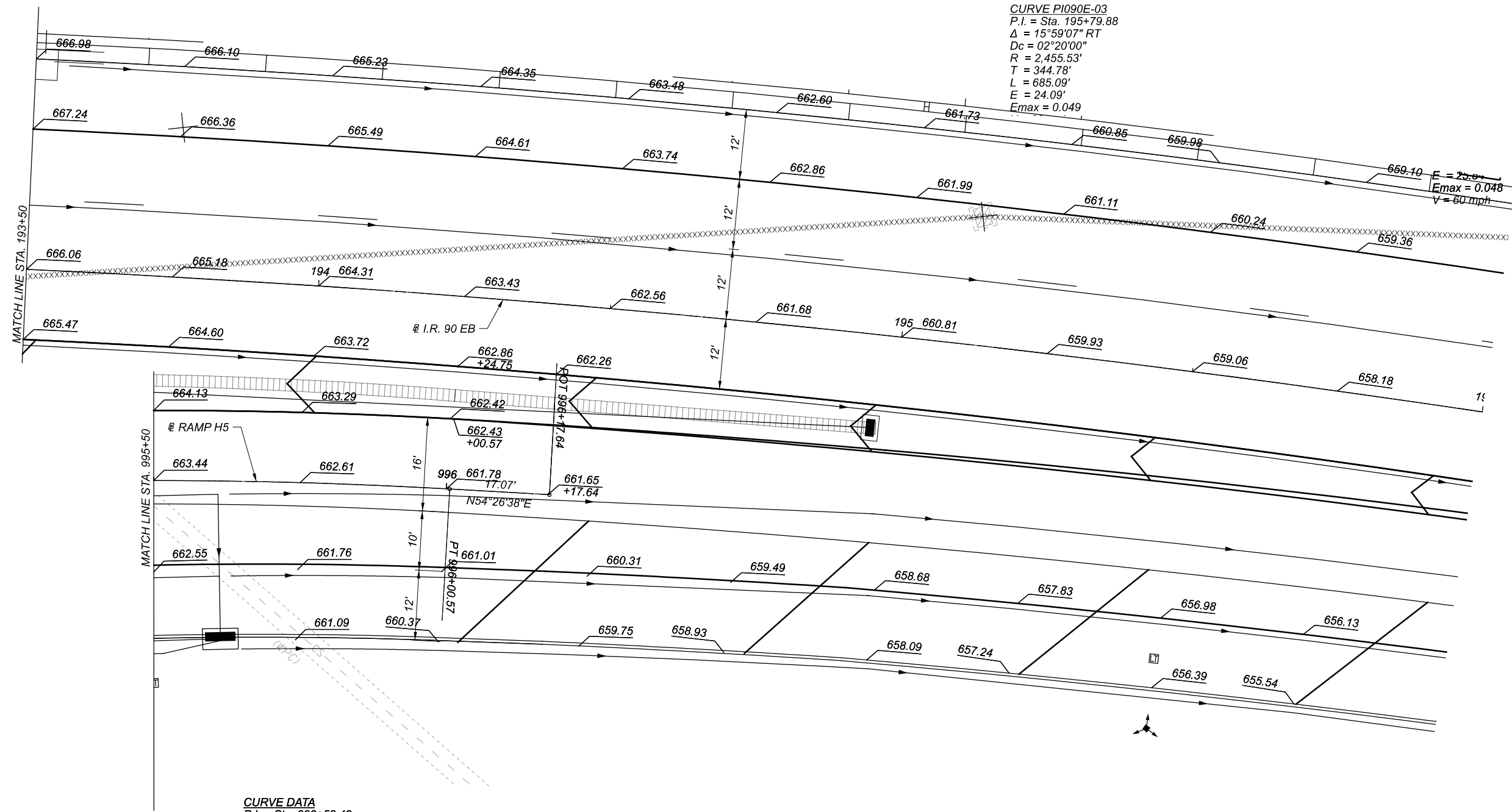
CURVE DATA
 P.I. = Sta. 992+53.42
 $\Delta = 48^\circ 11' 11''$ RT
 $D_c = 06^\circ 30' 00''$
 $R = 881.47'$
 $T = 394.18'$
 $L = 741.33'$
 $E = 84.12'$



RAMP TERMINAL DETAIL - I.R. 90 EB & RAMP H5
 STA. 191+00.00 TO STA. 193+50.00

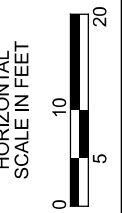
DESIGN AGENCY	
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET	833
TOTAL	2339

BURGESS & NIPLÉ
 10 WEST EURE STREET
 PAINESVILLE, OHIO 44077



CURVE P1090E-03
 P.I. = Sta. 195+79.88
 $\Delta = 15^\circ 59' 07''$ RT
 $D_c = 02^\circ 20' 00''$
 $R = 2,455.53'$
 $T = 344.78'$
 $L = 685.09'$
 $E = 24.09'$
 $E_{max} = 0.049$

CURVE DATA
 P.I. = Sta. 992+53.42
 $\Delta = 48^\circ 11' 11''$ RT
 $D_c = 06^\circ 30' 00''$
 $R = 881.47'$
 $T = 394.18'$
 $L = 741.33'$
 $E = 84.12'$



RAMP TERMINAL DETAIL - I.R. 90 EB & RAMP H5
 STA. 193+50.00 TO STA. 196+00.00

DESIGN AGENCY

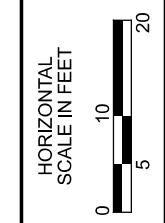
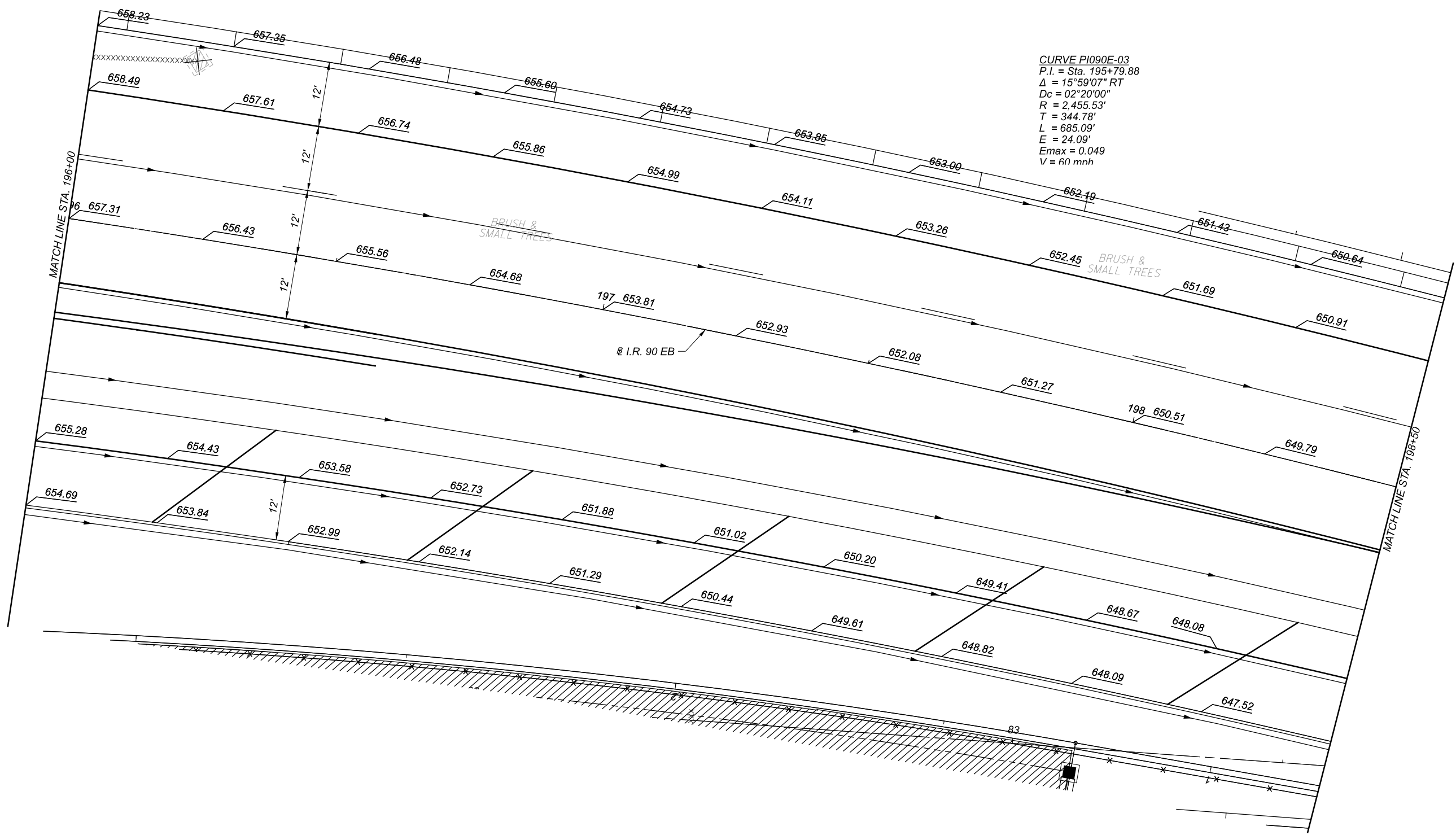
BURGESS & NIPLE
 100 WEST EIRE STREET
 PAINESVILLE, OHIO 44077

DESIGNER

REVIEWER

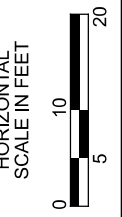
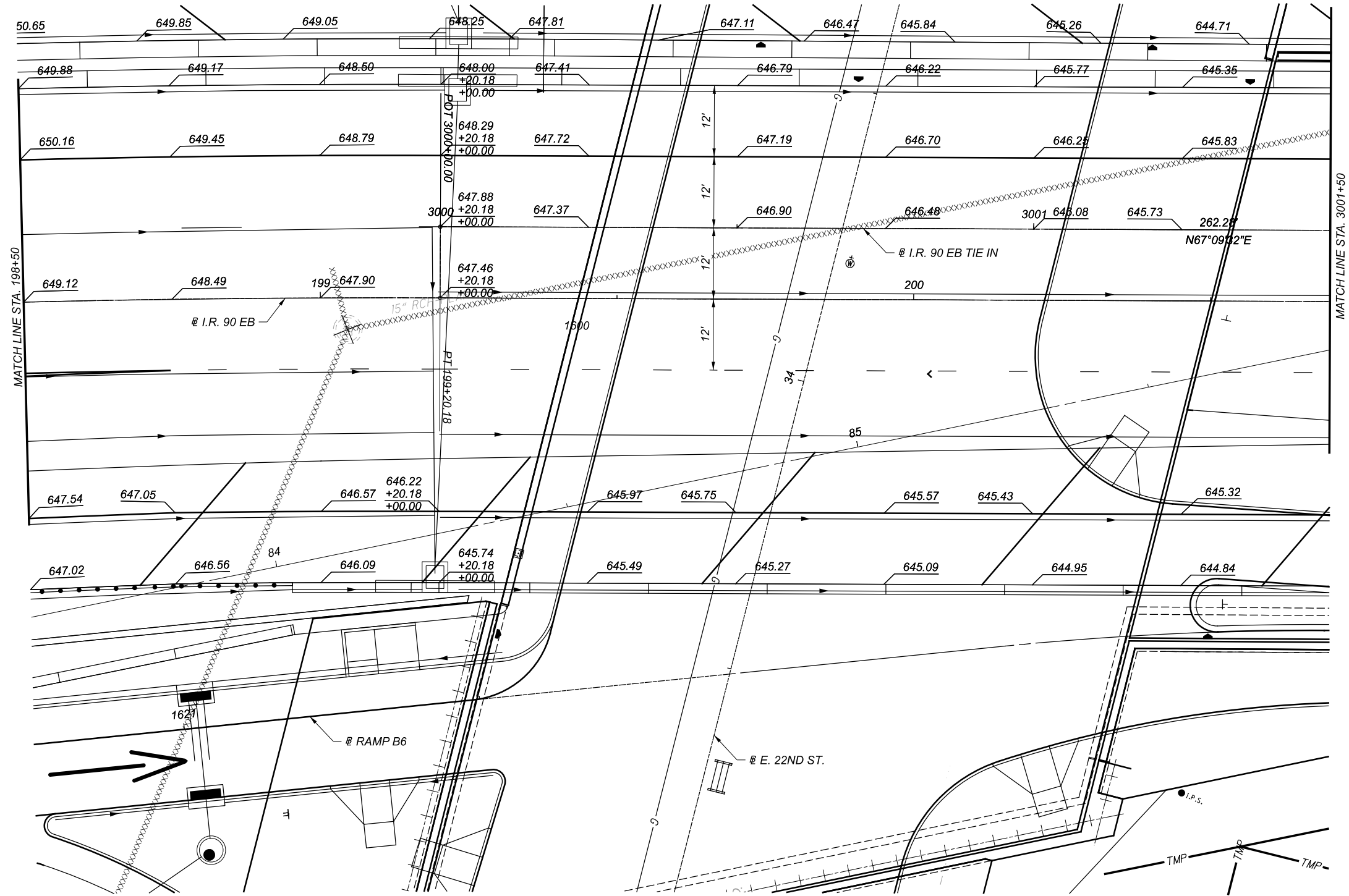
PROJECT ID
 82382

SHEET	TOTAL
834	2339



RAMP TERMINAL DETAIL - I.R. 90 EB & RAMP H5
 STA. 196+00.00 TO STA. 198+50.00

DESIGN AGENCY	
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET	835
TOTAL	2339



RAMP TERMINAL DETAIL - I.R. 90 EB & RAMP H5
STA. 198+50.00 TO STA. 3001+50.00

DESIGN AGENCY

BURGESS & NIPLE
100 WEST EIRE STREET
PAINESVILLE, OHIO 44077

DESIGNER

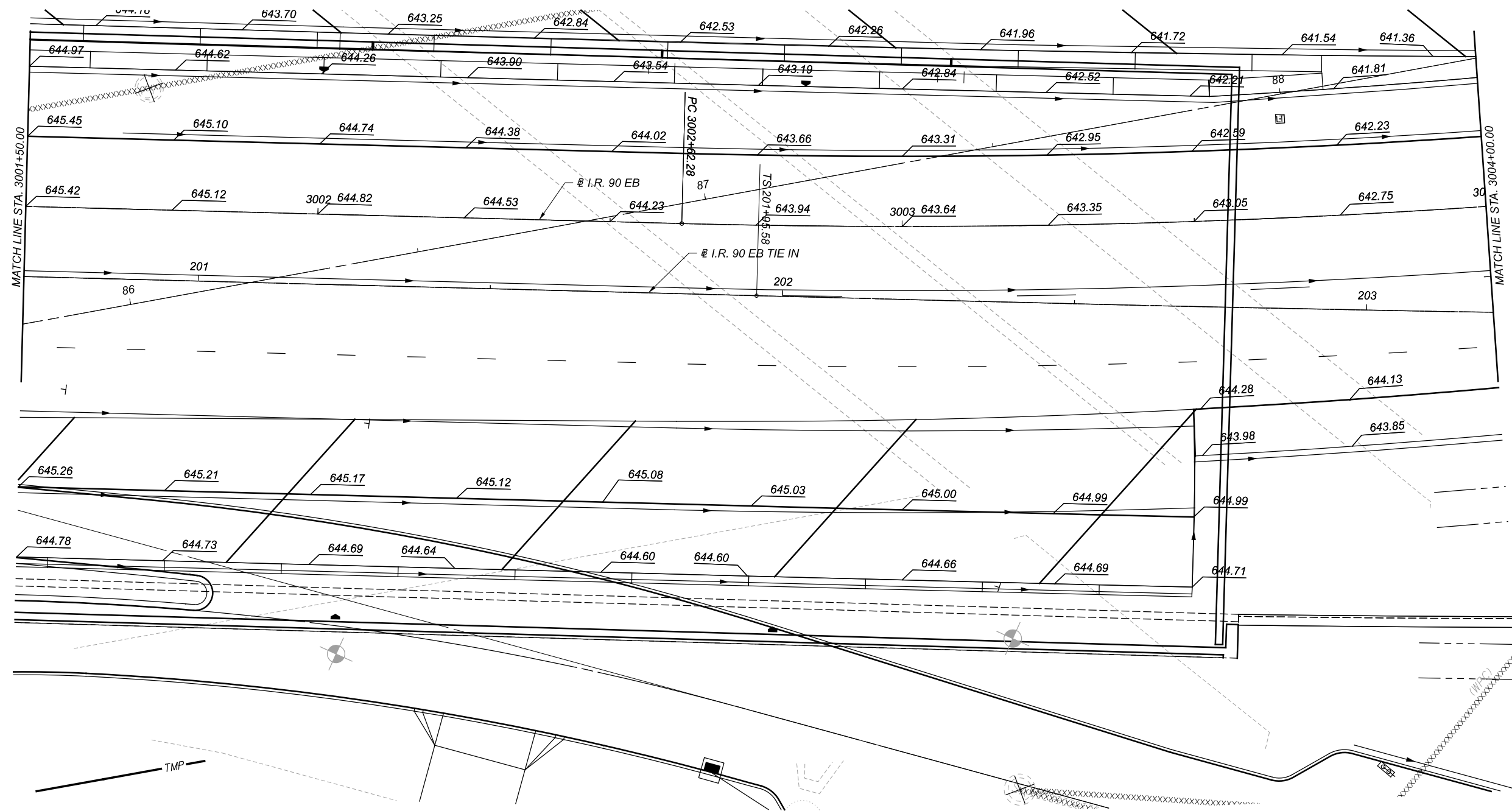
REVIEWER

PROJECT ID

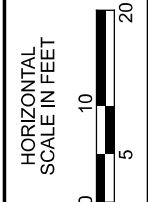
82382

SHEET TOTAL

836 2339

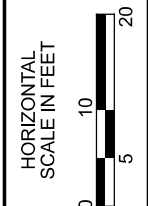
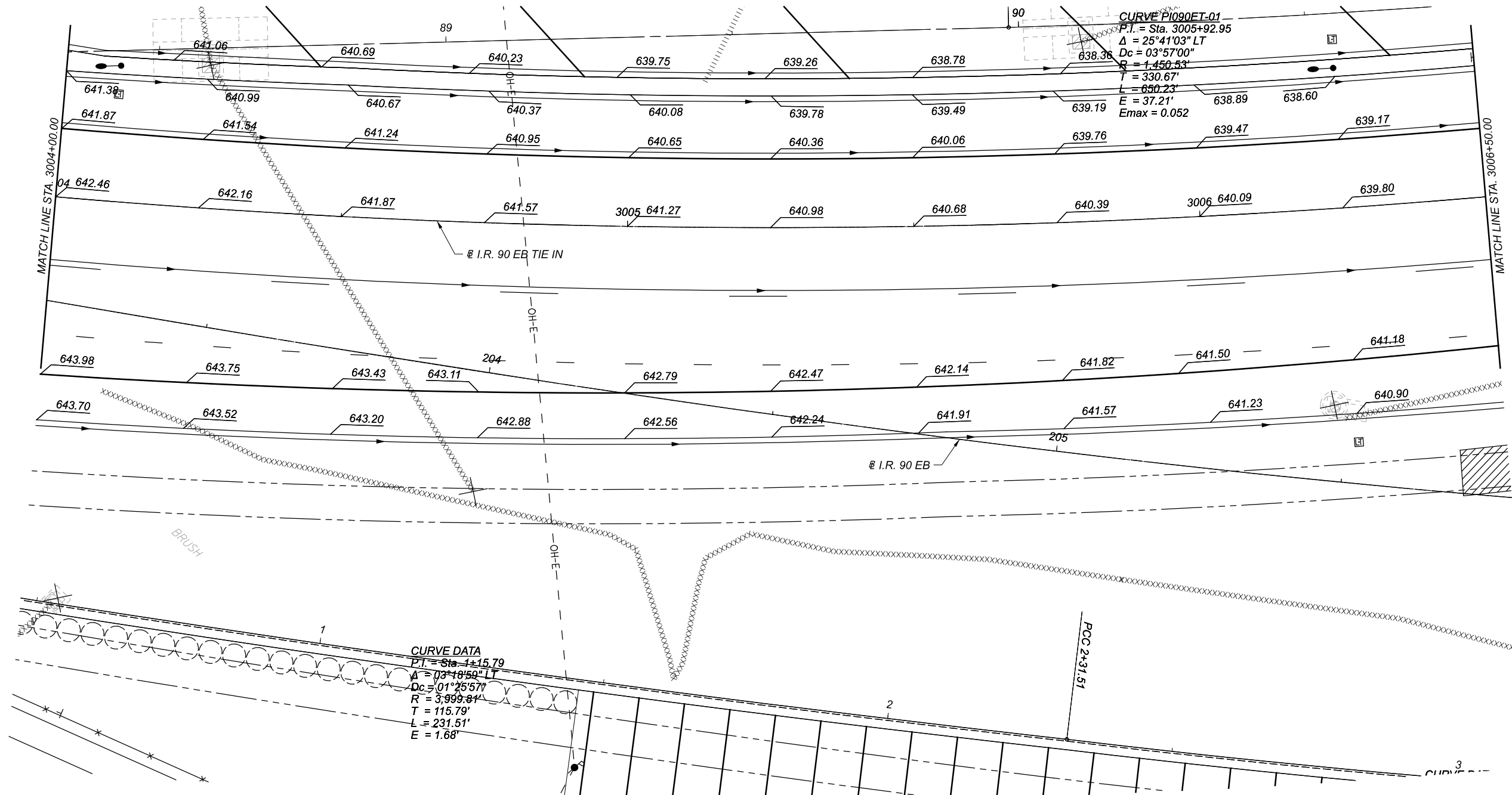


RAMP TERMINAL DETAIL - I.R. 90 EB & RAMP H5
 STA. 3001+50.00 TO STA. 3004+00.00



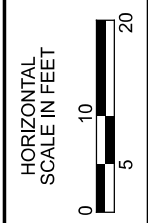
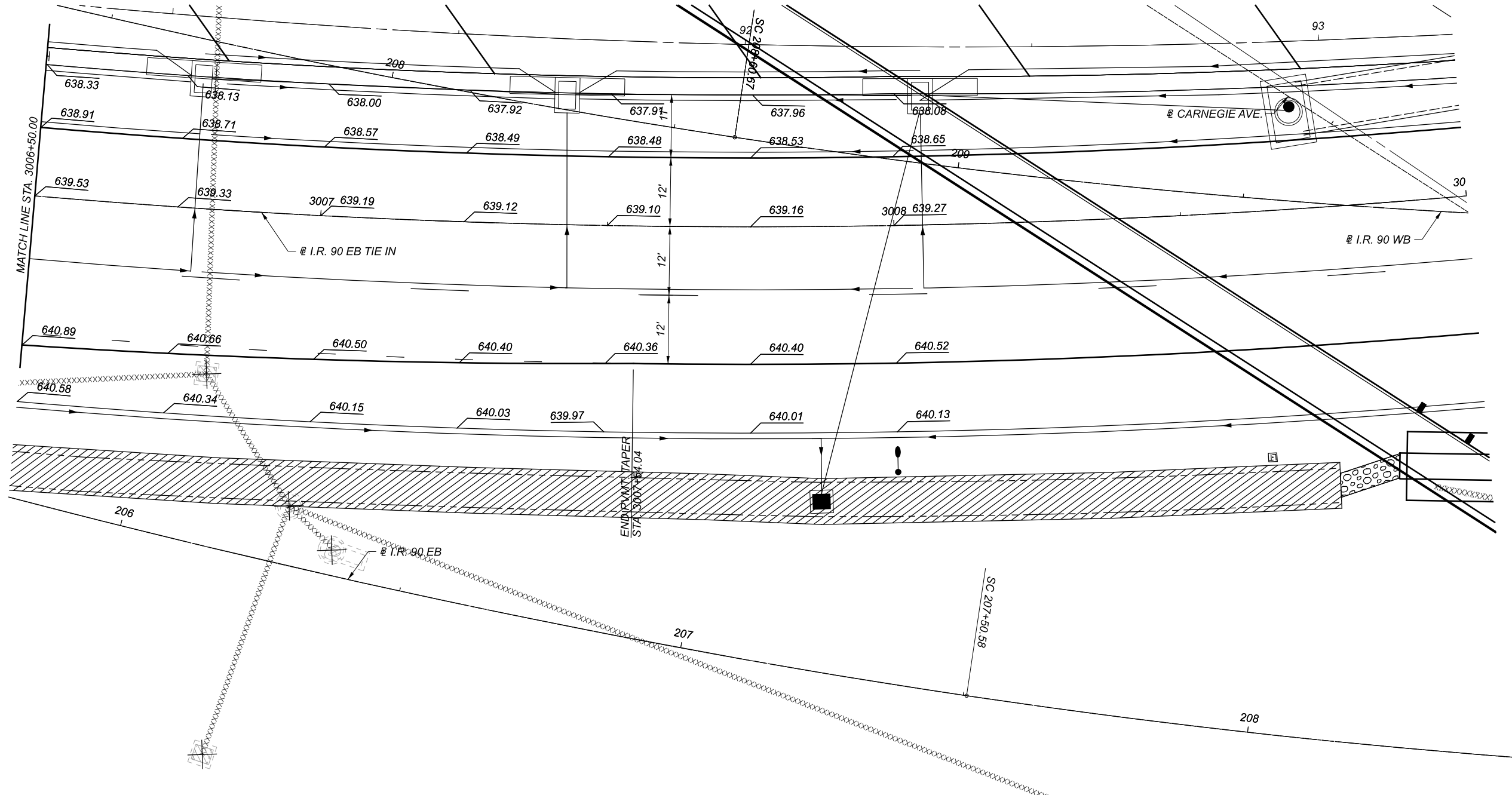
DESIGN AGENCY	
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET	837
TOTAL	2339

BURGESS & NIPLÉ
 100 WEST EIRE STREET
 PAINESVILLE, OHIO 44077



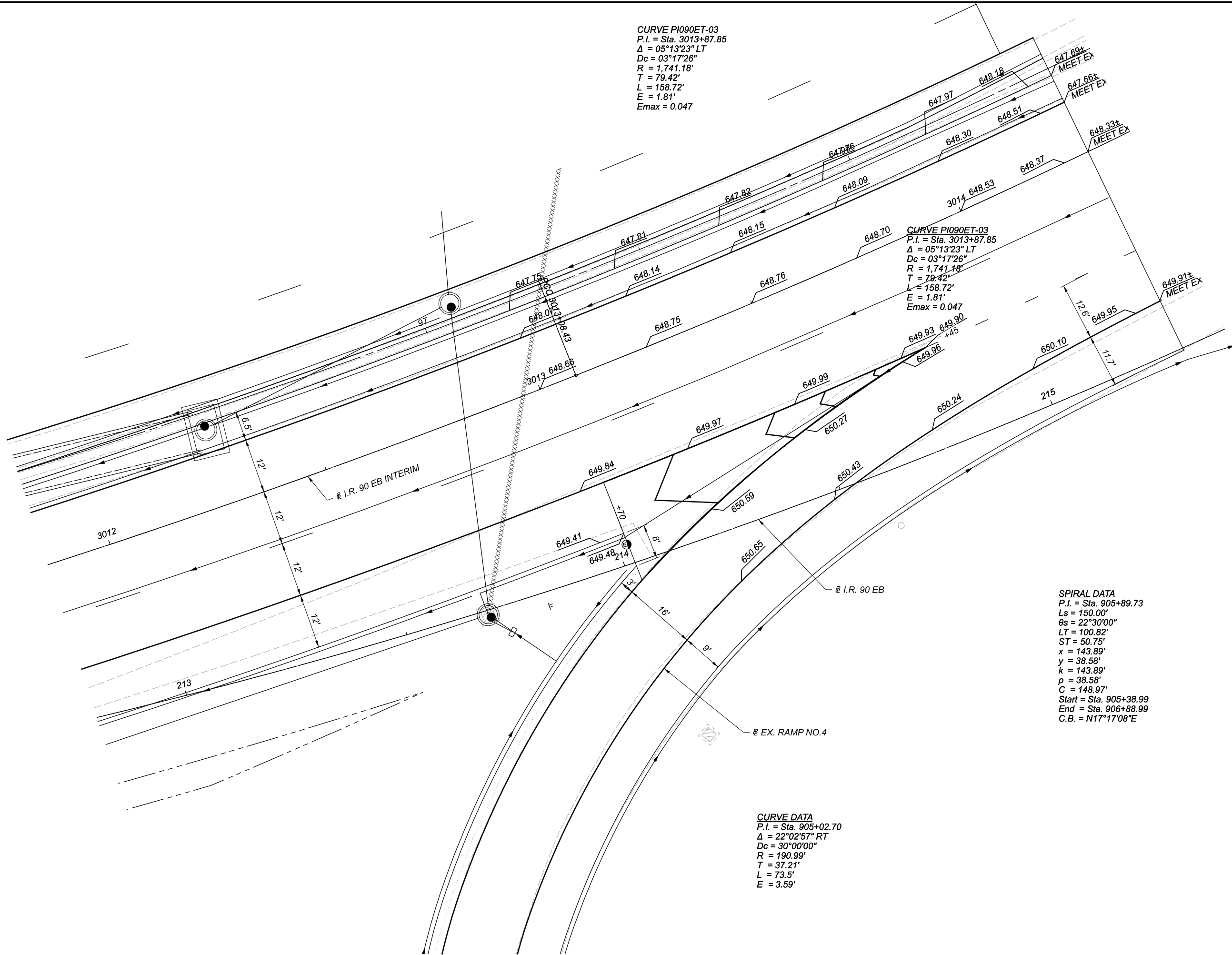
RAMP TERMINAL DETAIL - I.R. 90 EB & RAMP H5
 STA. 3004+00.00 TO STA. 3006+50.00

DESIGN AGENCY	
BURGESS & NIPLÉ 100 WEST ERIE STREET PARMA, OHIO 44137	
DESIGNER	
REVIEWER	
PROJECT ID 82382	
SHEET 838	TOTAL 2339



RAMP TERMINAL DETAIL - I.R. 90 EB & RAMP H5
STA. 3006+50.00 TO STA. 3009+00.00

DESIGN AGENCY	
BURGESS & NIPLÉ 100 WEST ERIE STREET PARMA, OHIO 44137	
DESIGNER	
REVIEWER	
PROJECT ID 82382	
SHEET 839	TOTAL 2339

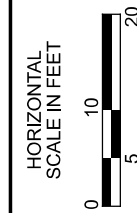


CURVE P1090ET-03
 P.I. = Sta. 3013+87.85
 $\Delta = 05^\circ 13' 23''$ LT
 $D_c = 03^\circ 17' 26''$
 $R = 1,741.18'$
 $T = 79.42'$
 $L = 158.72'$
 $E = 1.81'$
 $E_{max} = 0.047$

CURVE P1090ET-03
 P.I. = Sta. 3013+87.85
 $\Delta = 05^\circ 13' 23''$ LT
 $D_c = 03^\circ 17' 26''$
 $R = 1,741.18'$
 $T = 79.42'$
 $L = 158.72'$
 $E = 1.81'$
 $E_{max} = 0.047$

CURVE DATA
 P.I. = Sta. 905+02.70
 $\Delta = 22^\circ 02' 57''$ RT
 $D_c = 30^\circ 00' 00''$
 $R = 190.99'$
 $T = 37.21'$
 $L = 73.5'$
 $E = 3.59'$

SPIRAL DATA
 P.I. = Sta. 905+89.73
 $L_s = 150.00'$
 $\theta_s = 22^\circ 30' 00''$
 $LT = 100.82'$
 $ST = 50.75'$
 $x = 143.89'$
 $y = 38.58'$
 $k = 143.89'$
 $p = 38.58'$
 $C = 148.97'$
 Start = Sta. 905+38.99
 End = Sta. 906+88.99
 $C.B. = N17^\circ 17' 08'' E$



RAMP TERMINAL DETAIL
I.R. 90 EB & RAMP 4

DESIGN AGENCY

BURGESS & NIPLE
 100 WEST ERIE STREET
 PAINESVILLE, OHIO 44077

DESIGNER

REVIEWER

PROJECT ID

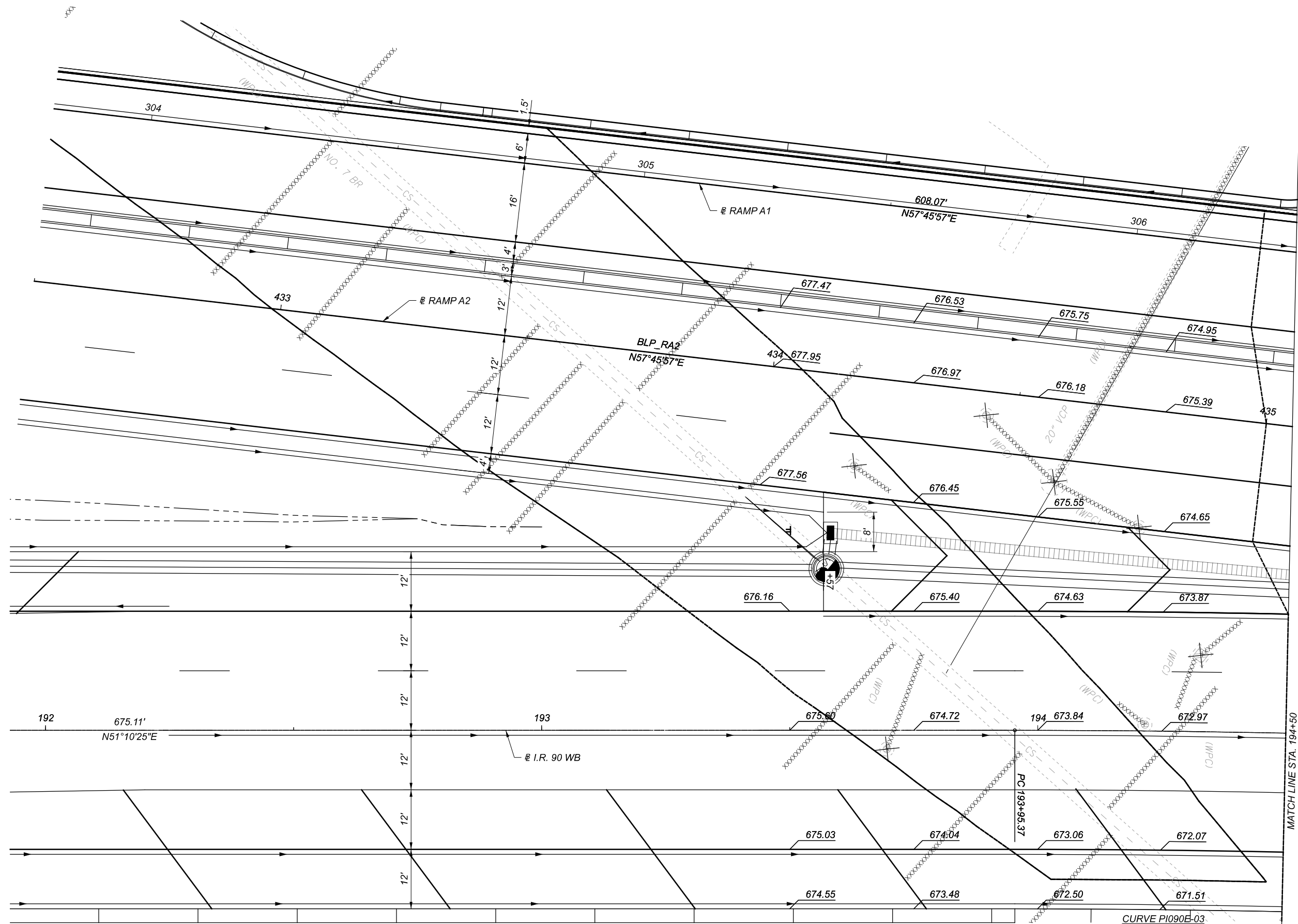
82382

SHEET

840

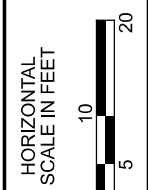
TOTAL

2339



CURVE P1090E-03
 P.I. = Sta. 195+79.88
 $\Delta = 15^{\circ}59'07''$ RT
 $D_c = 02^{\circ}20'00''$
 $R = 2,455.53'$
 $T = 344.78'$
 $L = 685.09'$
 $E = 24.09'$
 $E_{max} = 0.049$
 $V = 60$ mph

MATCH LINE STA. 194+50



RAMP TERMINAL DETAIL - I.R. 90 WB & RAMP A2
 STA. 192+00.00 TO STA. 194+50.00

DESIGN AGENCY

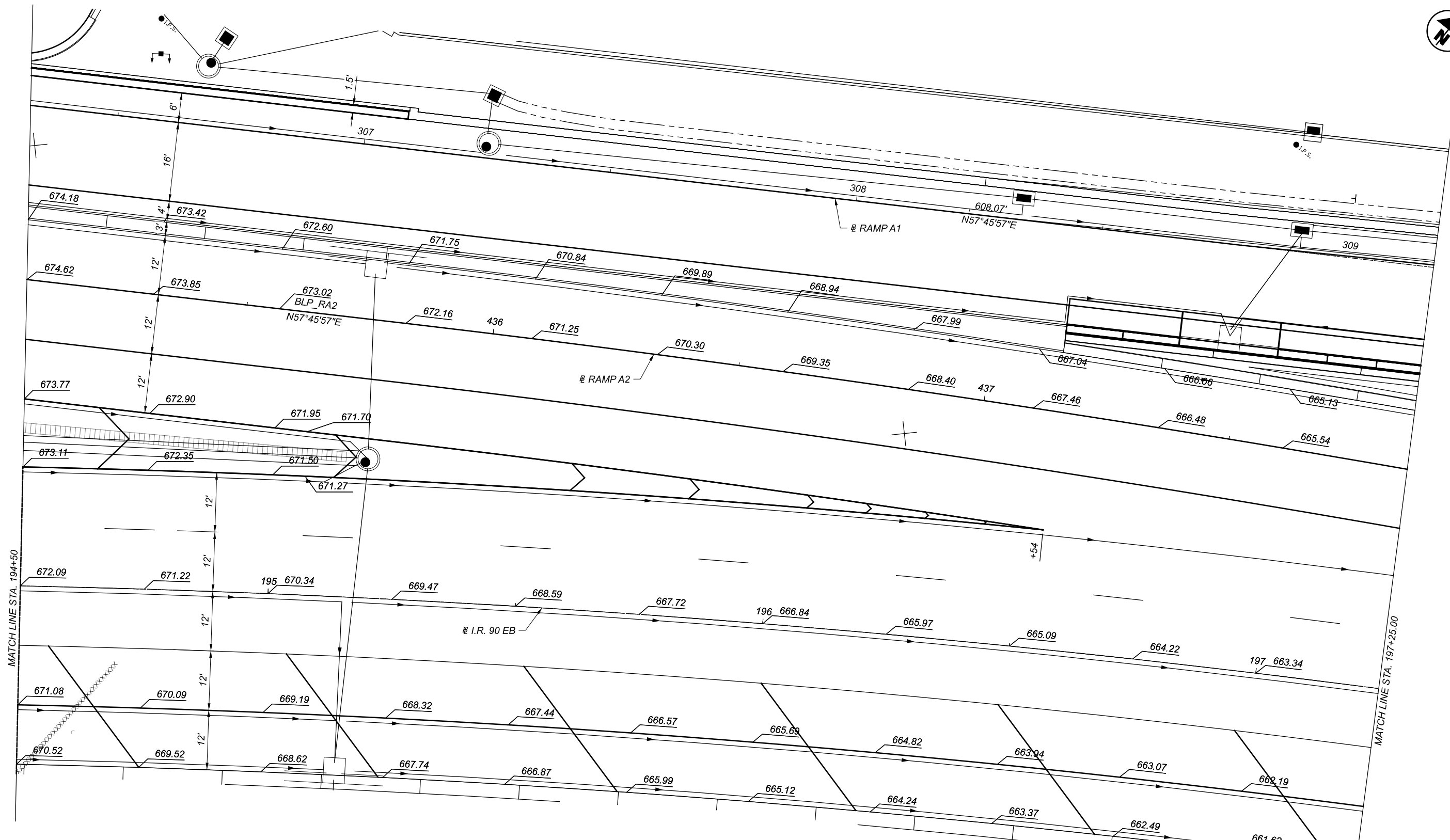
BURGESS & NIPLÉ
 100 WEST ERIE STREET
 PAINESVILLE, OHIO 44077

DESIGNER

REVIEWER

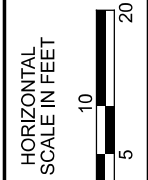
PROJECT ID
 82382

SHEET	TOTAL
841	2339



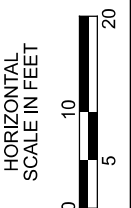
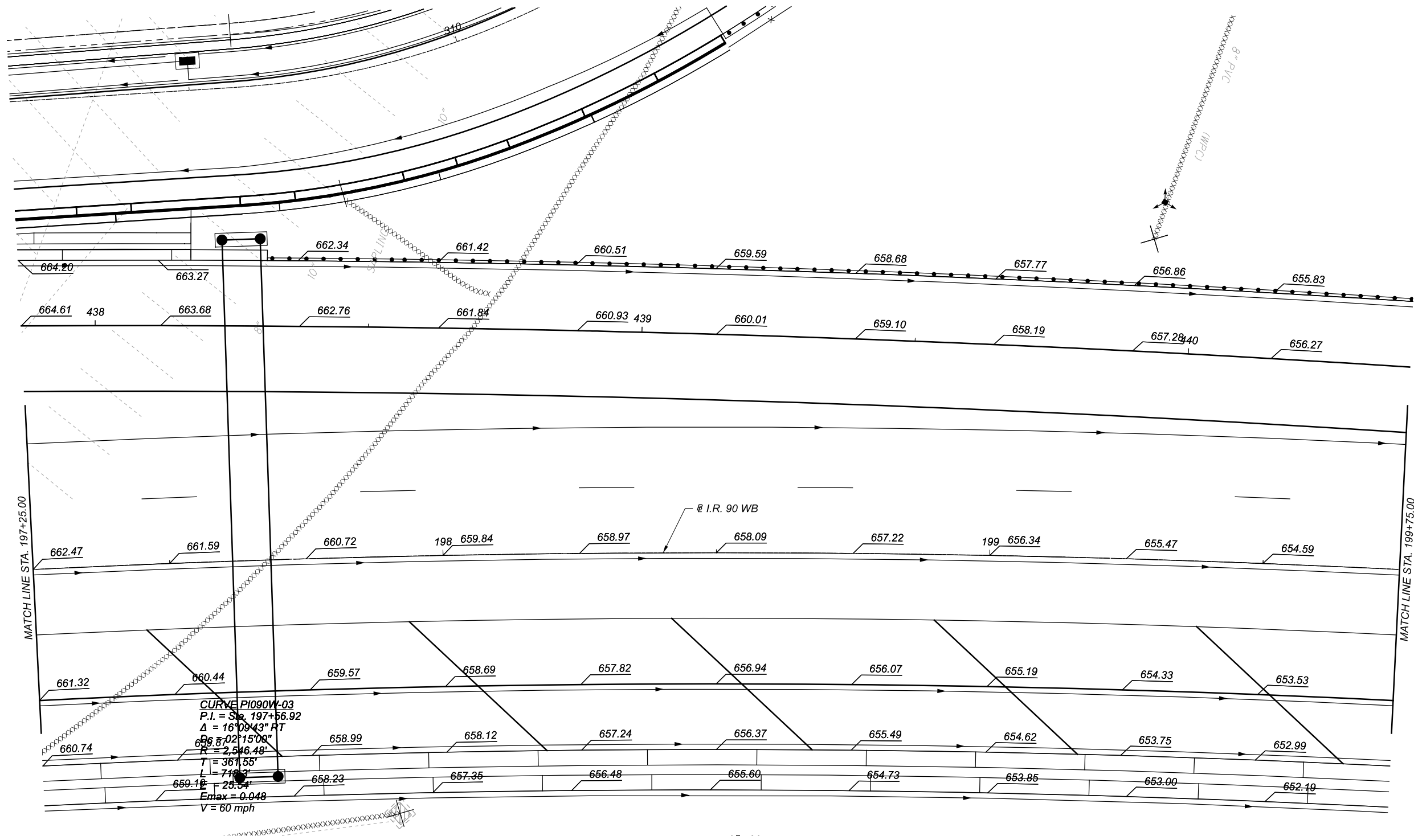
CURVE P1090W-03
 P.I. = Sta. 197+56.92
 $\Delta = 16^{\circ}09'43''$ RT
 $D_c = 02^{\circ}15'00''$
 $R = 2,546.48'$
 $T = 361.55'$
 $L = 718.3'$
 $E = 25.54'$
 $E_{max} = 0.048$
 $V = 60$ mph

CURVE DATA
 P.I. = Sta. 438+79.71
 $\Delta = 09^{\circ}34'10''$ RT
 $D_c = 01^{\circ}35'00''$
 $R = 3,618.68'$
 $T = 302.9'$
 $L = 604.39'$
 $E = 12.65'$



RAMP TERMINAL DETAIL - I.R. 90 WB & RAMP A2
 STA. 194+50.00 TO STA. 197+25.00

DESIGN AGENCY	
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET	842
TOTAL	2339



RAMP TERMINAL DETAIL - I.R. 90 WB & RAMP A2
 STA. 197+25.00 TO STA. 199+75.00

DESIGN AGENCY

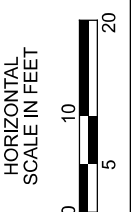
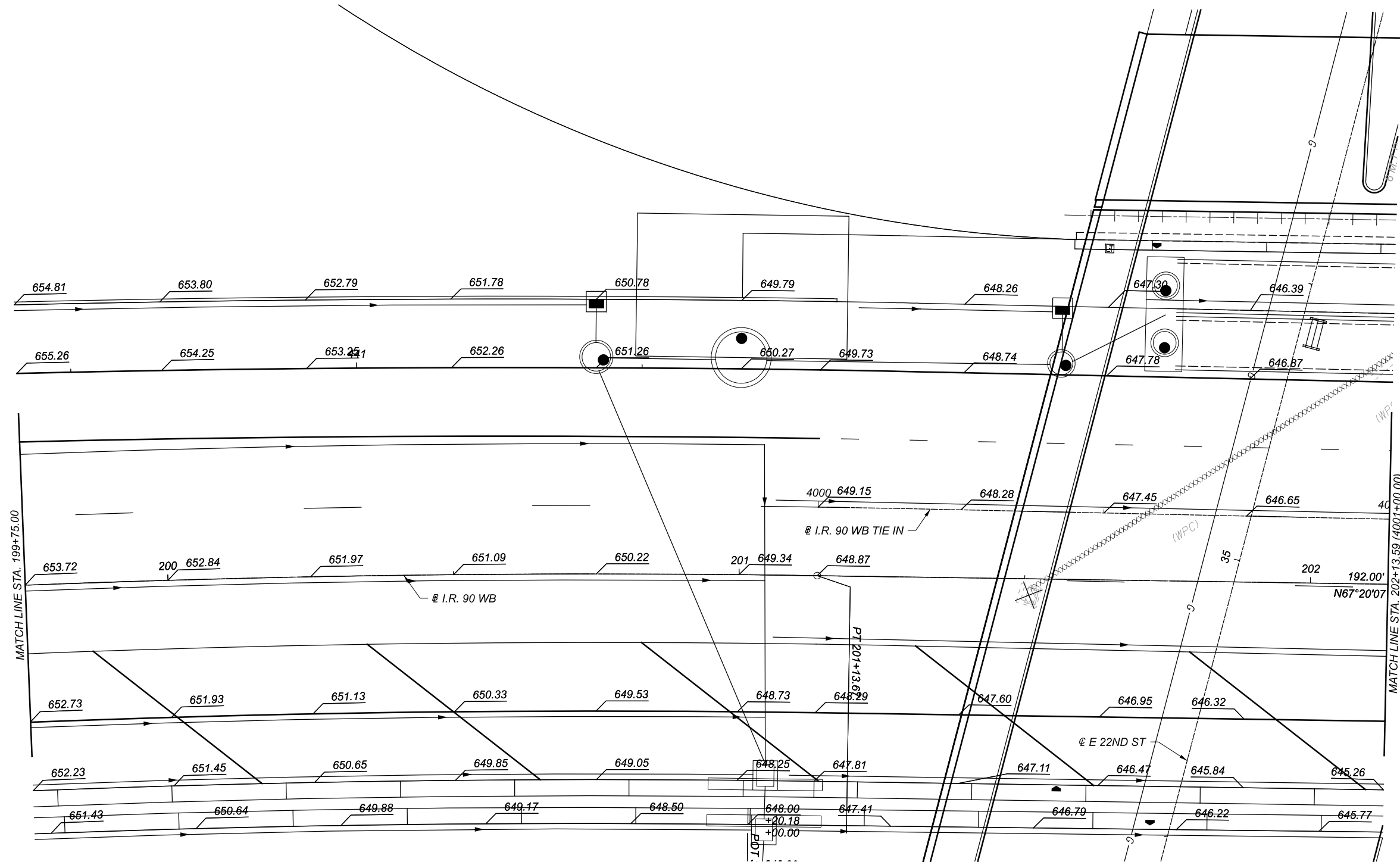
BURGESS & NIPLÉ
 100 WEST ERIE STREET
 PAINESVILLE, OHIO 44077

DESIGNER

REVIEWER

PROJECT ID
 82382

SHEET	TOTAL
843	2339



RAMP TERMINAL DETAIL - I.R. 90 WB & RAMP A2
 STA. 199+75.00 TO STA. 4001+00.00

DESIGN AGENCY

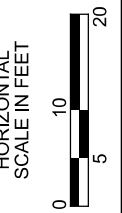
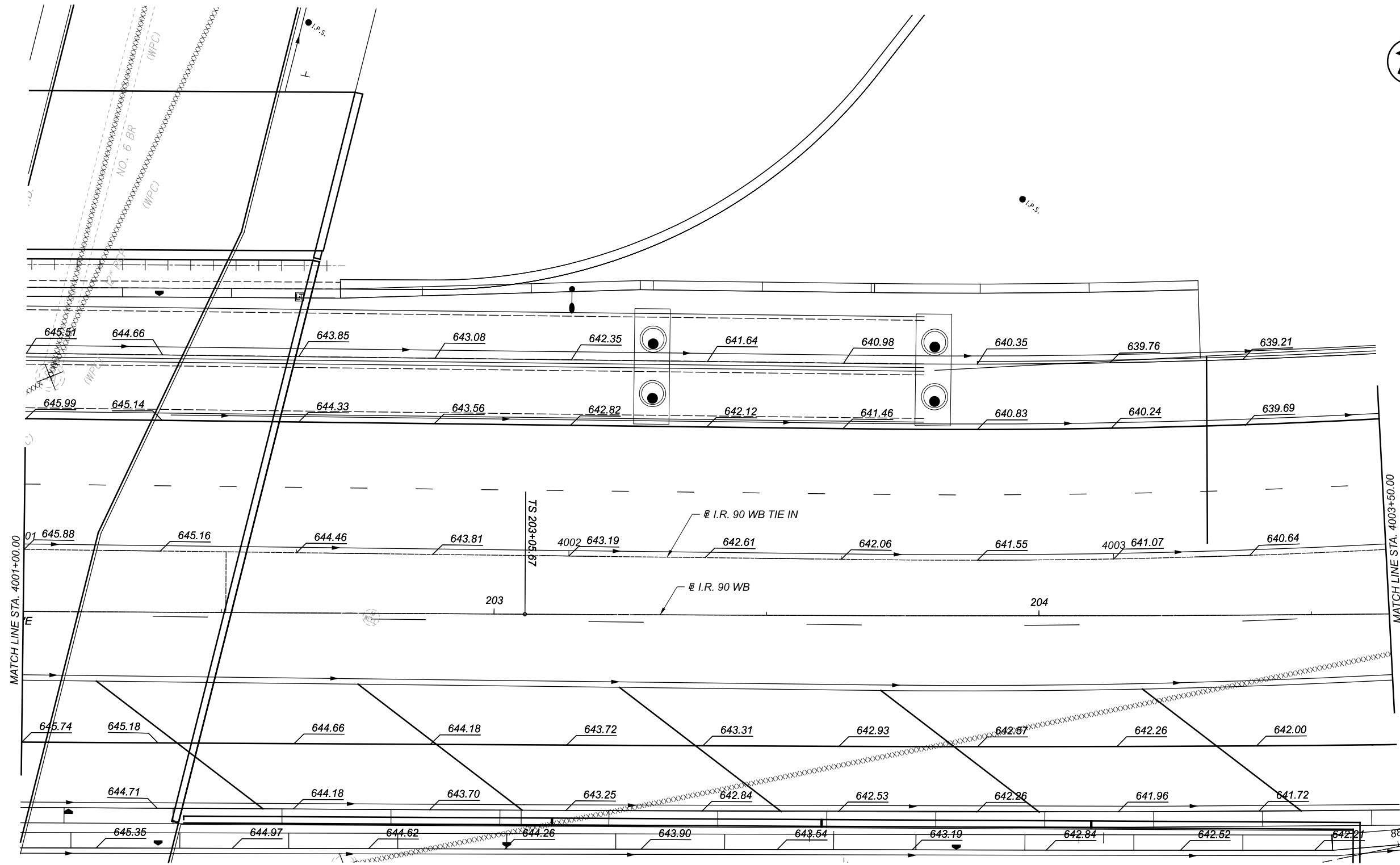
BURGESS & NIPLE
 100 WEST ERIE STREET
 PANESVILLE, OHIO 44077

DESIGNER

REVIEWER

PROJECT ID
 82382

SHEET	TOTAL
844	2339



RAMP TERMINAL DETAIL - I.R. 90 WB & RAMP A2
 STA. 4001+00.00 TO STA. 4003+50.00

DESIGN AGENCY

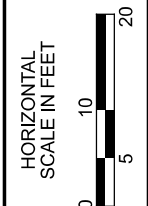
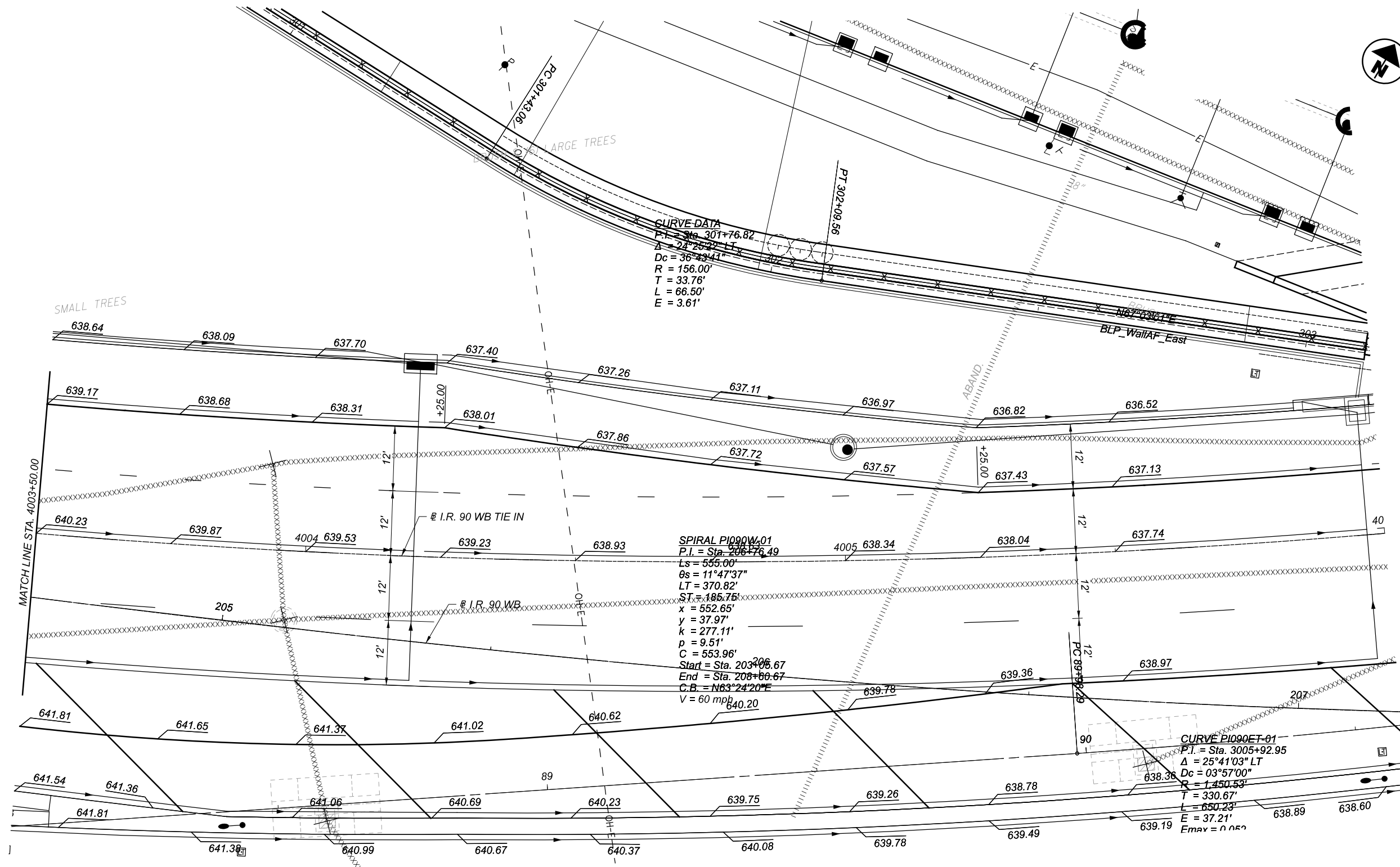
BURGESS & NIPLÉ
 100 WEST ERIE STREET
 PAINESVILLE, OHIO 44077

DESIGNER

REVIEWER

PROJECT ID
 82382

SHEET	TOTAL
845	2339



RAMP TERMINAL DETAIL - I.R. 90 WB & RAMP A2
 STA. 4003+50.00 TO STA. 4006+00.00

DESIGN AGENCY

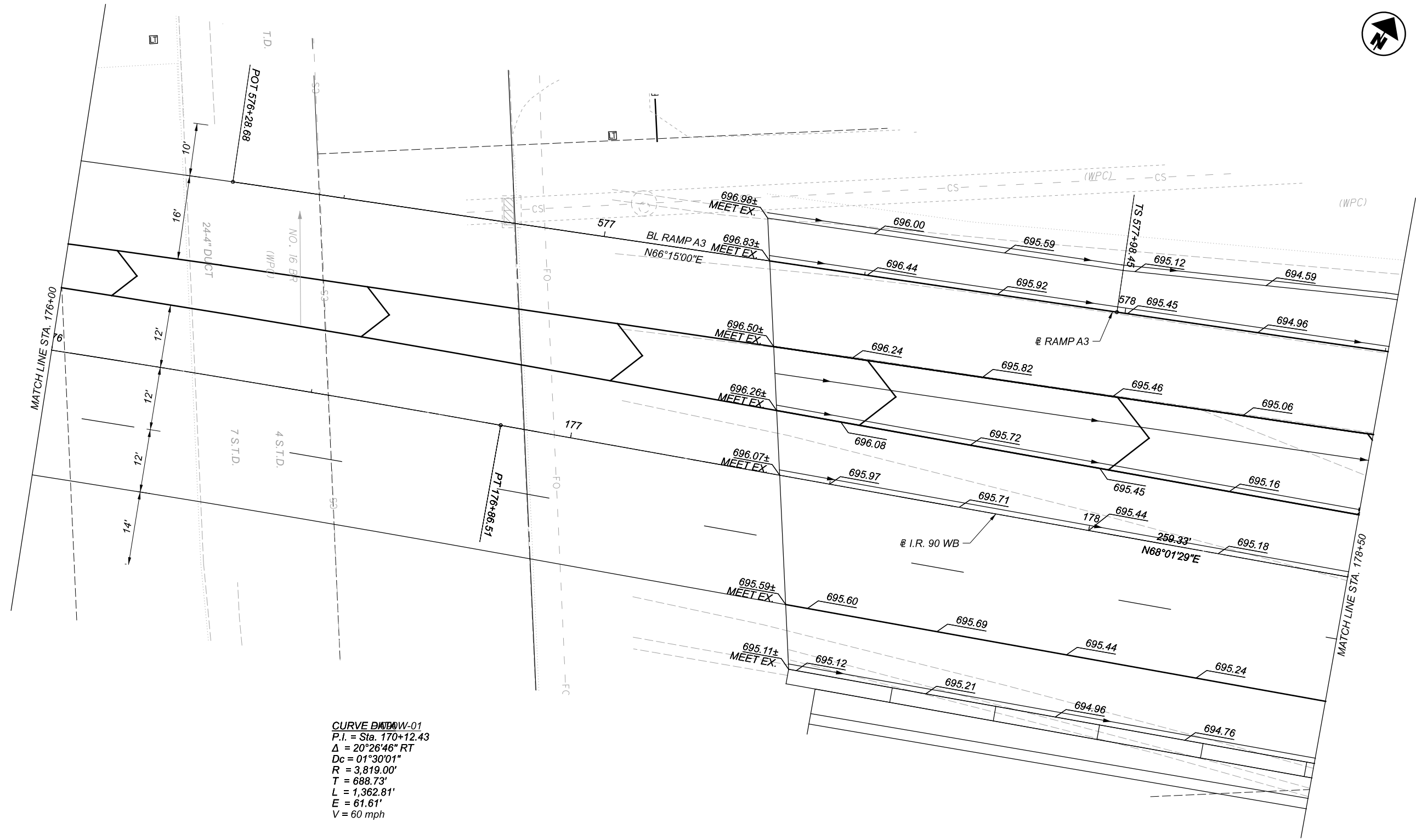
BURGESS & NIPLÉ
 100 WEST ERIE STREET
 PARKEVILLE, OHIO 44677

DESIGNER

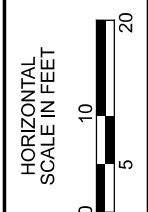
REVIEWER

PROJECT ID
 82382

SHEET	TOTAL
846	2339

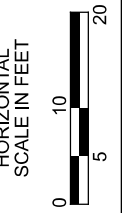
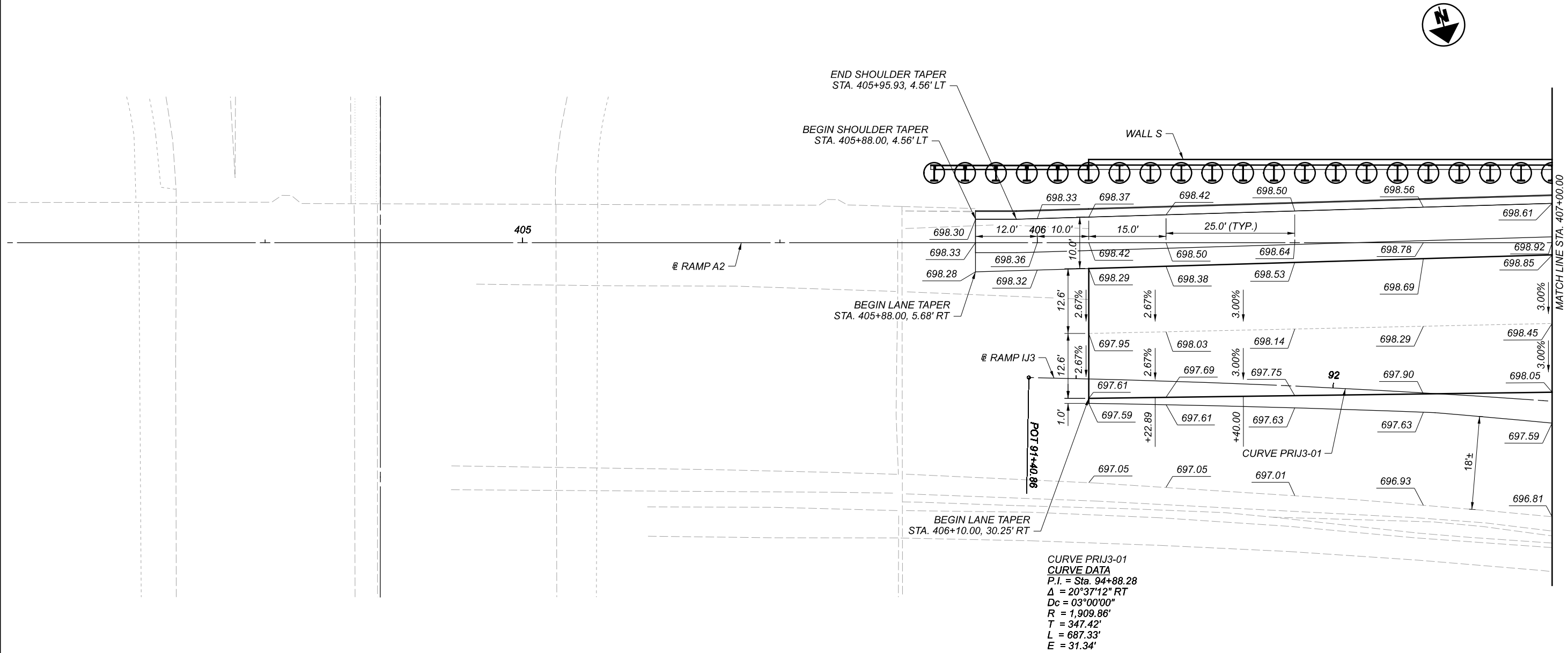


CURVE DATA W-01
 P.I. = Sta. 170+12.43
 $\Delta = 20^\circ 26' 46''$ RT
 $D_c = 01^\circ 30' 01''$
 $R = 3,819.00'$
 $T = 688.73'$
 $L = 1,362.81'$
 $E = 61.61'$
 $V = 60$ mph



RAMP TERMINAL DETAIL - I.R. 90 WB & RAMP A3
 STA. 171+00.00 TO STA. 173+50.00

DESIGN AGENCY	
BURGESS & NIPLÉ 100 WEST EIRE STREET PAINESVILLE, OHIO 44077	
DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET	TOTAL
847	2339



RAMP TERMINAL DETAIL - RAMP A2
 STA. 404+00.00 TO STA. 407+00.00

DESIGN AGENCY



DESIGNER

REVIEWER

PROJECT ID

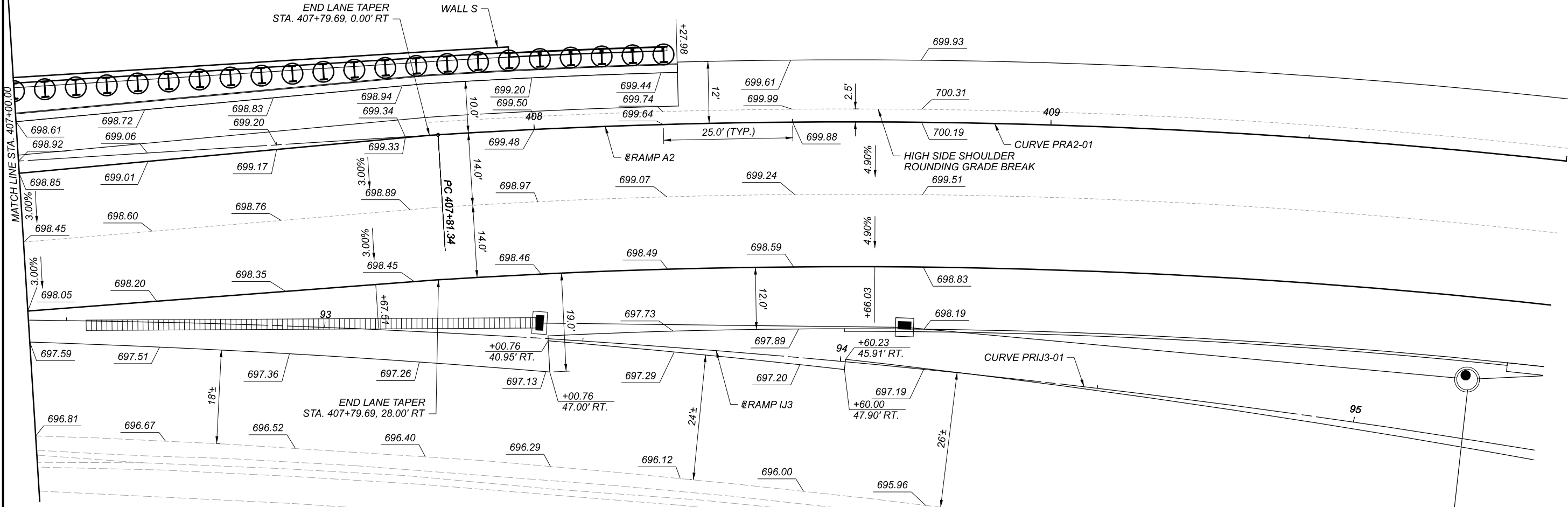
82382

SHEET

849

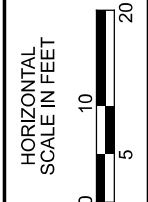
TOTAL

2339



**CURVE PRIJ3-01
 CURVE DATA**
 P.I. = Sta. 94+88.28
 $\Delta = 20^{\circ}37'12''$ RT
 Dc = 03'00'00"
 R = 1,909.86'
 T = 347.42'
 L = 687.33'
 E = 31.34'

**CURVE PRA2-01
 CURVE DATA**
 P.I. = Sta. 413+02.39
 $\Delta = 44^{\circ}30'41''$ RT
 Dc = 04'30'00"
 R = 1,273.24'
 T = 521.04'
 L = 989.14'
 E = 102.49'
 emax = 0.049
 V = 45 mph

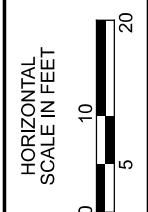
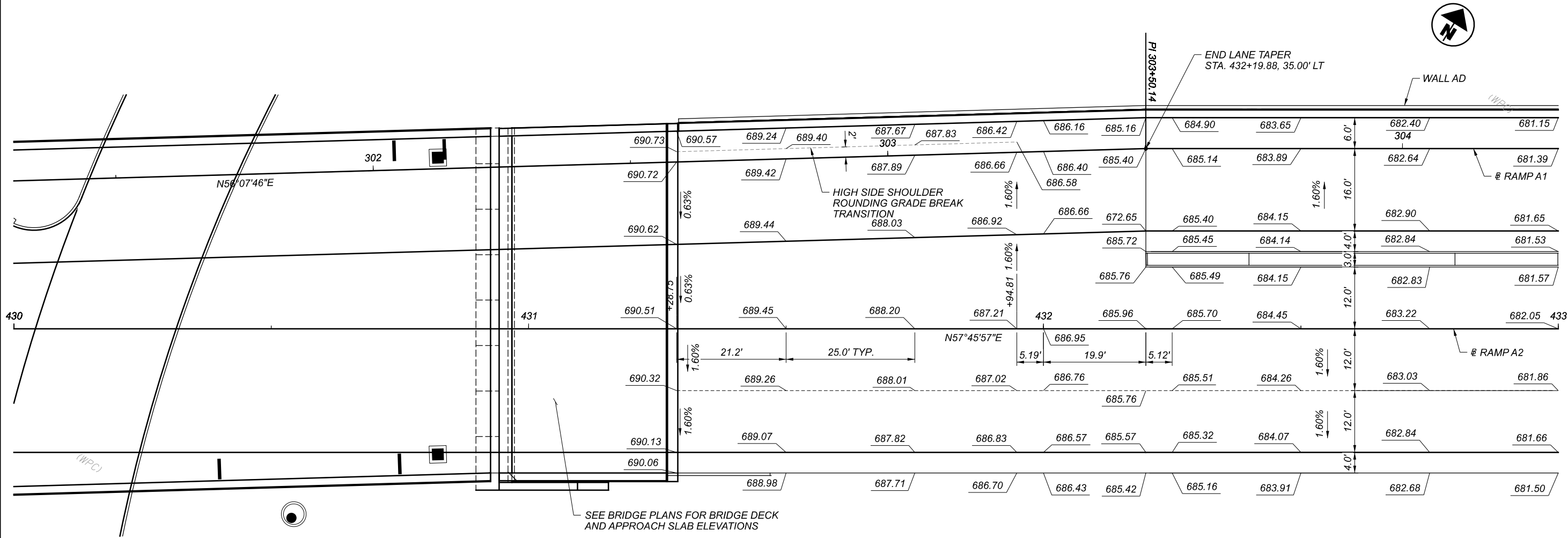


RAMP TERMINAL DETAIL - RAMP A2
 STA. 407+00.00 TO STA. 410+00.00

DESIGN AGENCY



DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET	850
TOTAL	2339



RAMP TERMINAL DETAIL - RAMP A2
 STA. 430+00.00 TO STA. 433+00.00

DESIGN AGENCY

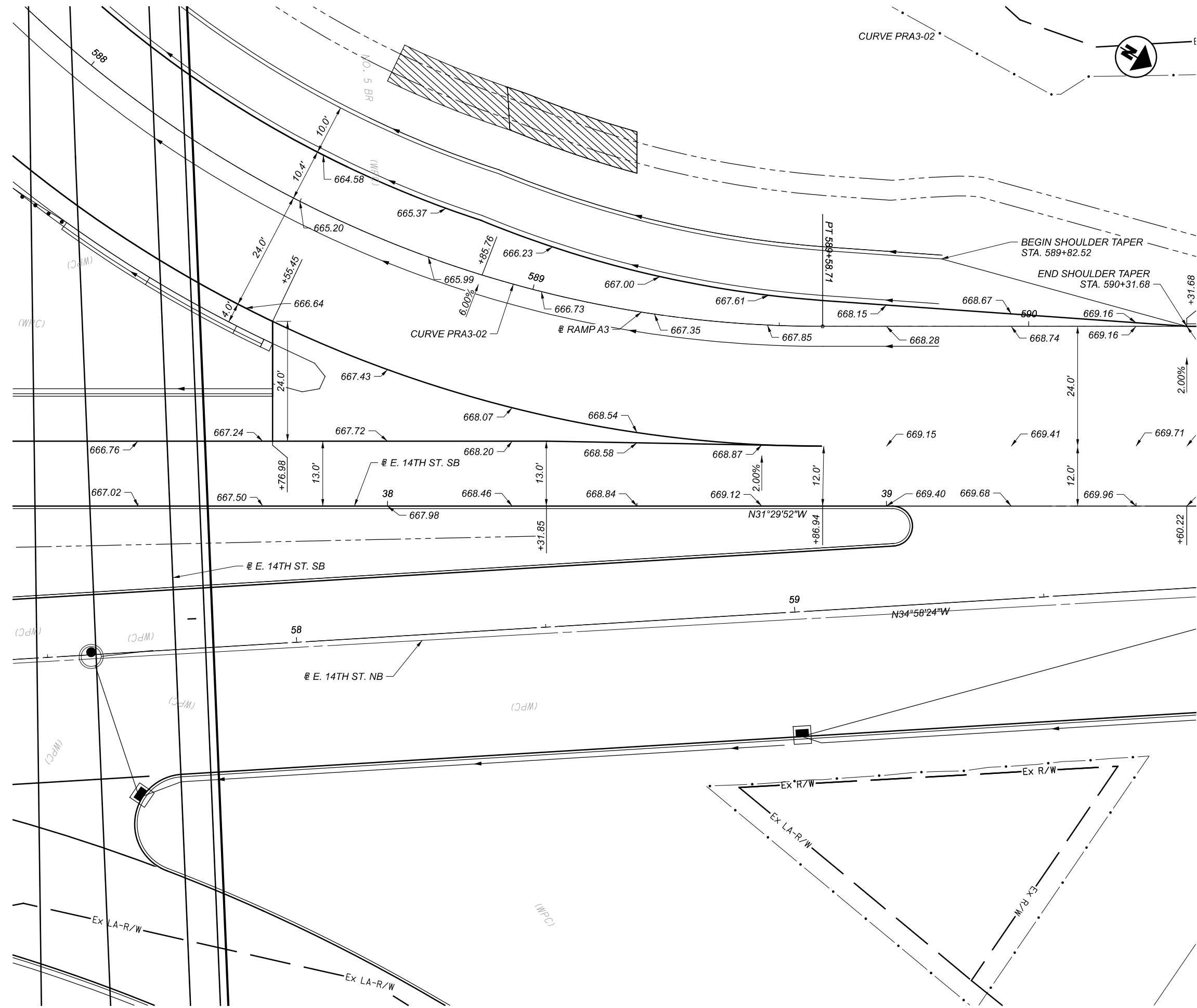


DESIGNER

REVIEWER

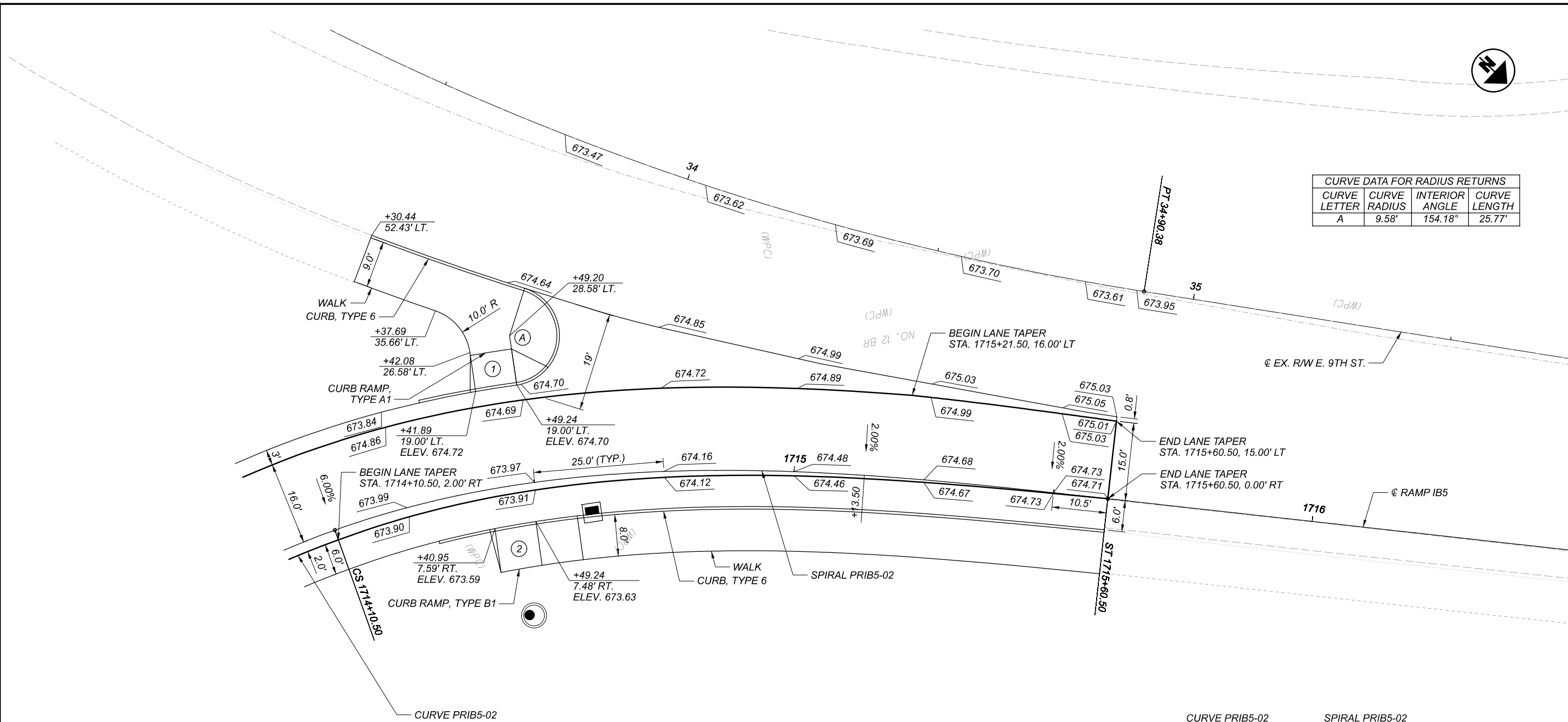
PROJECT ID	82382
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SHEET	TOTAL
851	2339

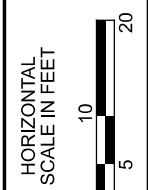


RAMP TERMINAL DETAIL
 RAMP A3 & E. 14TH ST. SB

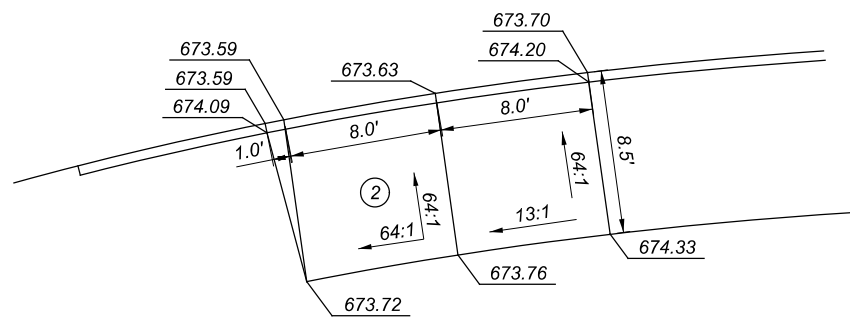
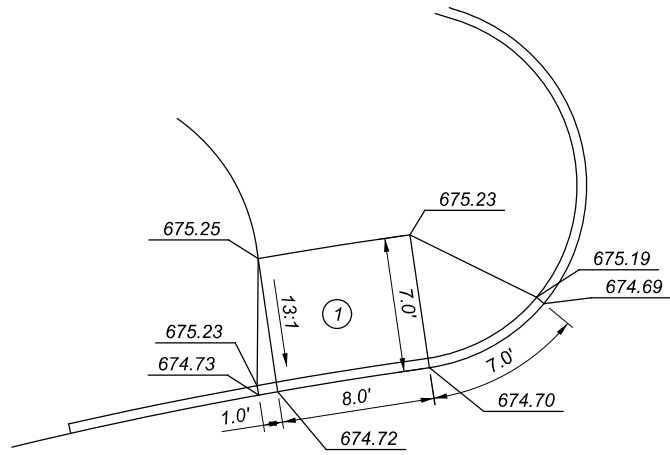
DESIGN AGENCY	Michael Baker INTERNATIONAL
DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET	852
TOTAL	2339



CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	9.58'	154.18°	25.77'



RAMP TERMINAL DETAIL
 RAMP IB5 & E. 9TH ST.



CURVE PRIB5-02
CURVE DATA
 P.I. = Sta. 1720+55.32
 $\Delta = 195^\circ 33' 01''$ RT
 $D_c = 34^\circ 45' 00''$
 $R = 164.88'$
 $T = 1,207.55'$
 $L = 562.73'$
 $E = 1,053.88'$
 $e_{max} = 0.060$
 $V = 25$ MPH

SPIRAL PRIB5-02
SPIRAL DATA
 P.I. = Sta. 1714+61.51
 $L_s = 150.00'$
 $\theta_s = 26^\circ 03' 45''$
 $LT = 101.11'$
 $ST = 51.01'$
 $x = 141.83'$
 $y = 44.42'$
 $k = 74.49'$
 $p = 5.64'$
 $C = 148.63'$
 Start = Sta. 1714+10.50
 End = Sta. 1715+60.50
 C.B. = $N45^\circ 59' 16''$ W

DESIGN AGENCY

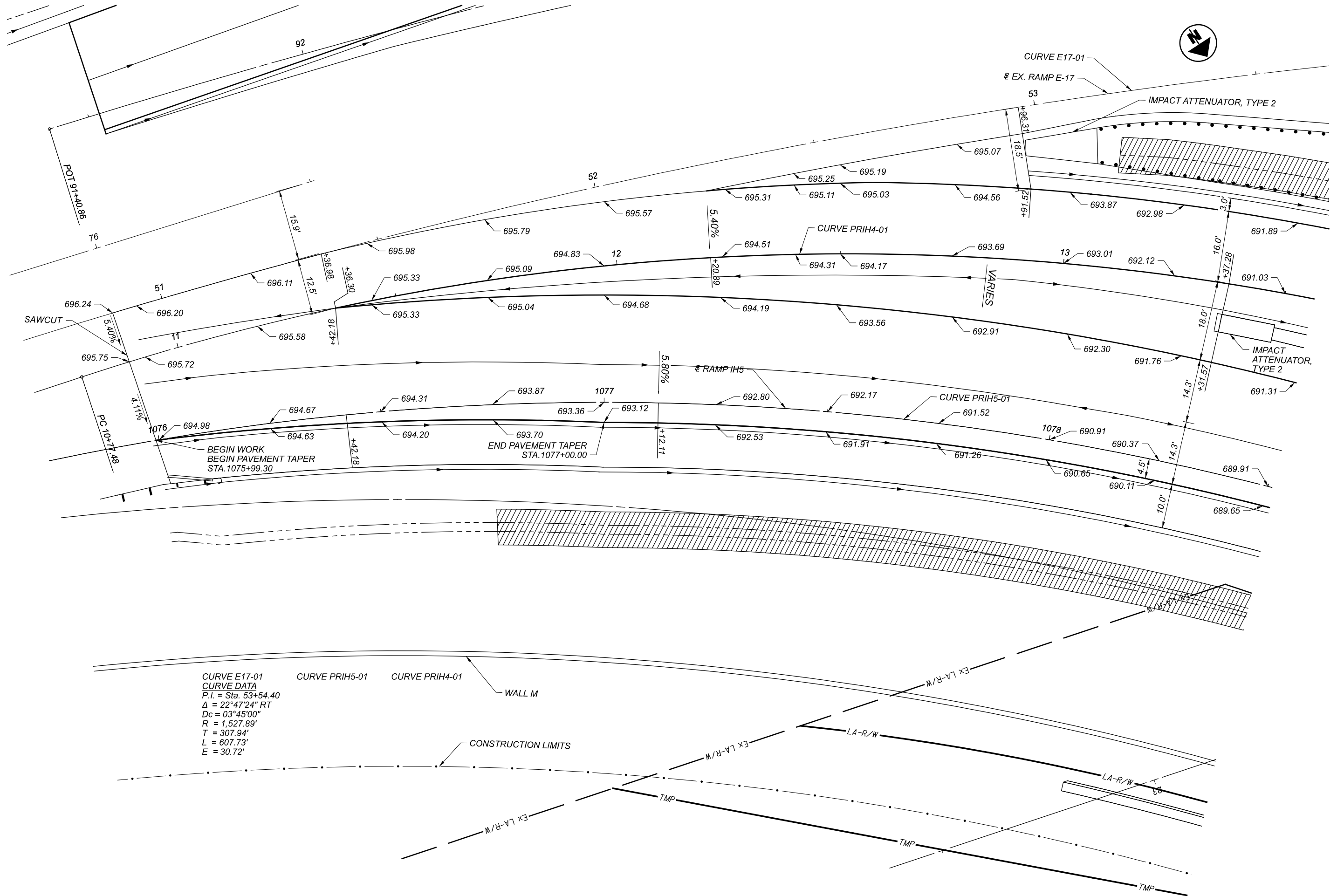


DESIGNER

REVIEWER

PROJECT ID
 82382

SHEET TOTAL
 853 2339



CURVE E17-01
 CURVE DATA
 P.I. = Sta. 53+54.40
 $\Delta = 22^\circ 47' 24''$ RT
 $D_c = 03^\circ 45' 00''$
 $R = 1,527.89'$
 $T = 307.94'$
 $L = 607.73'$
 $E = 30.72'$

WALL M

CONSTRUCTION LIMITS



RAMP TERMINAL DETAIL
 RAMP IH4 & RAMP IH5

DESIGN AGENCY

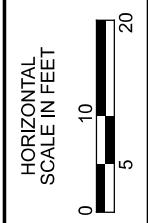
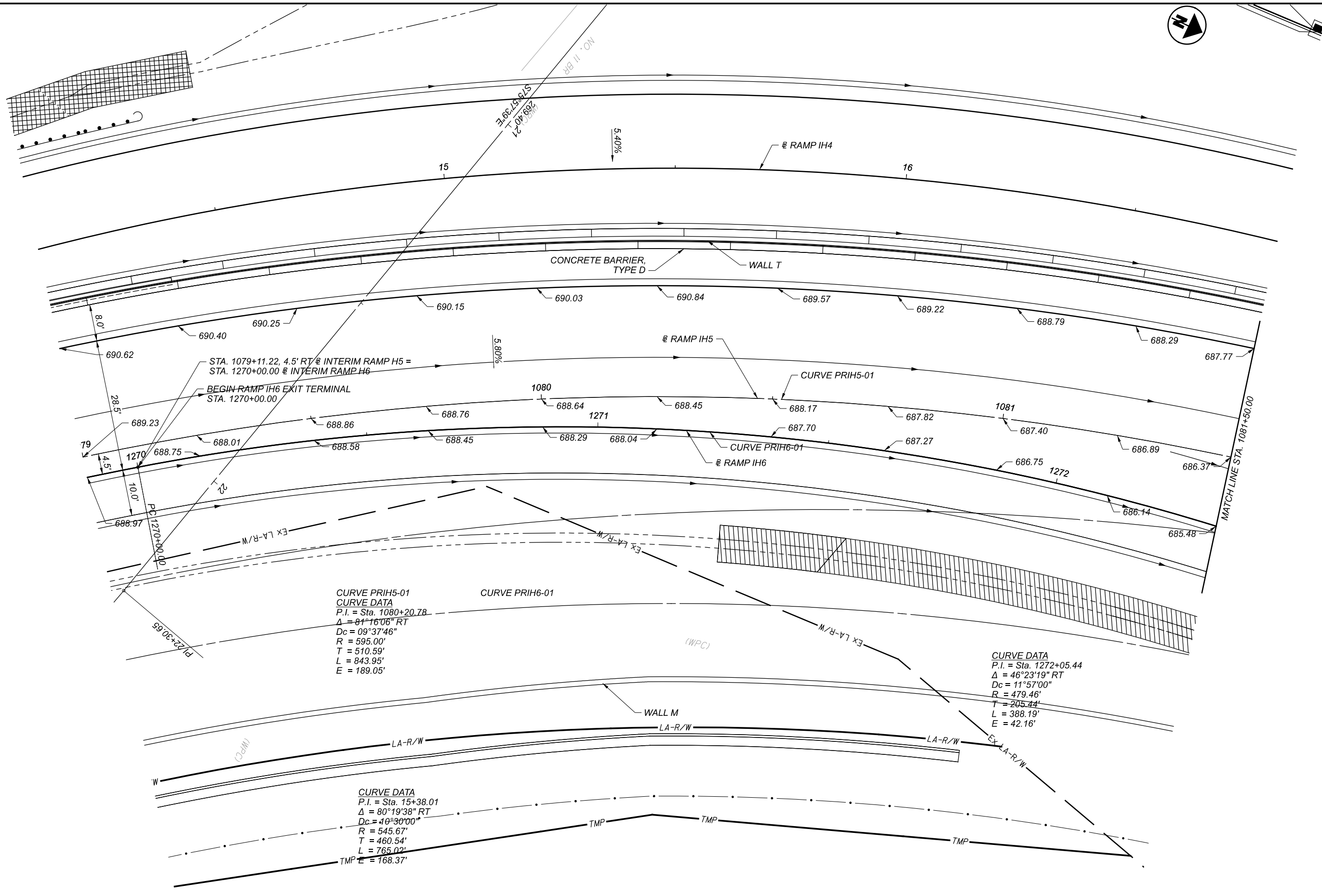
Michael Baker INTERNATIONAL

DESIGNER

REVIEWER

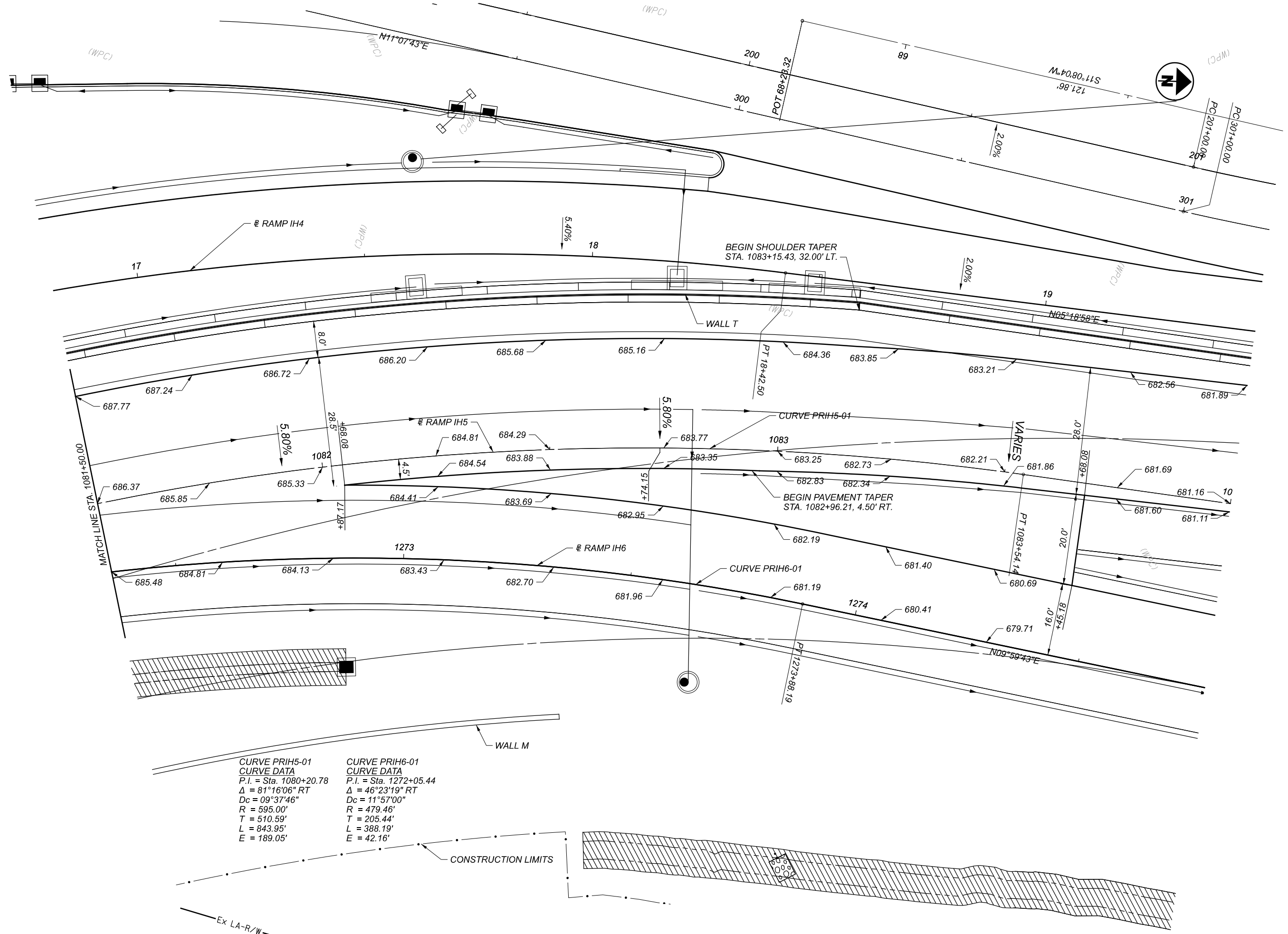
PROJECT ID
82382

SHEET TOTAL
854 | 2339



RAMP TERMINAL DETAIL
 RAMP IH5 & RAMP IH6

DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET	855
TOTAL	2339



CURVE PRIH5-01
 CURVE DATA
 P.I. = Sta. 1080+20.78
 Δ = 81°16'06" RT
 Dc = 09°37'46"
 R = 595.00'
 T = 510.59'
 L = 843.95'
 E = 189.05'

CURVE PRIH6-01
 CURVE DATA
 P.I. = Sta. 1272+05.44
 Δ = 46°23'19" RT
 Dc = 11°57'00"
 R = 479.46'
 T = 205.44'
 L = 388.19'
 E = 42.16'



RAMP TERMINAL DETAIL
 RAMP IH5 & RAMP IH6

DESIGN AGENCY

Michael Baker
 INTERNATIONAL

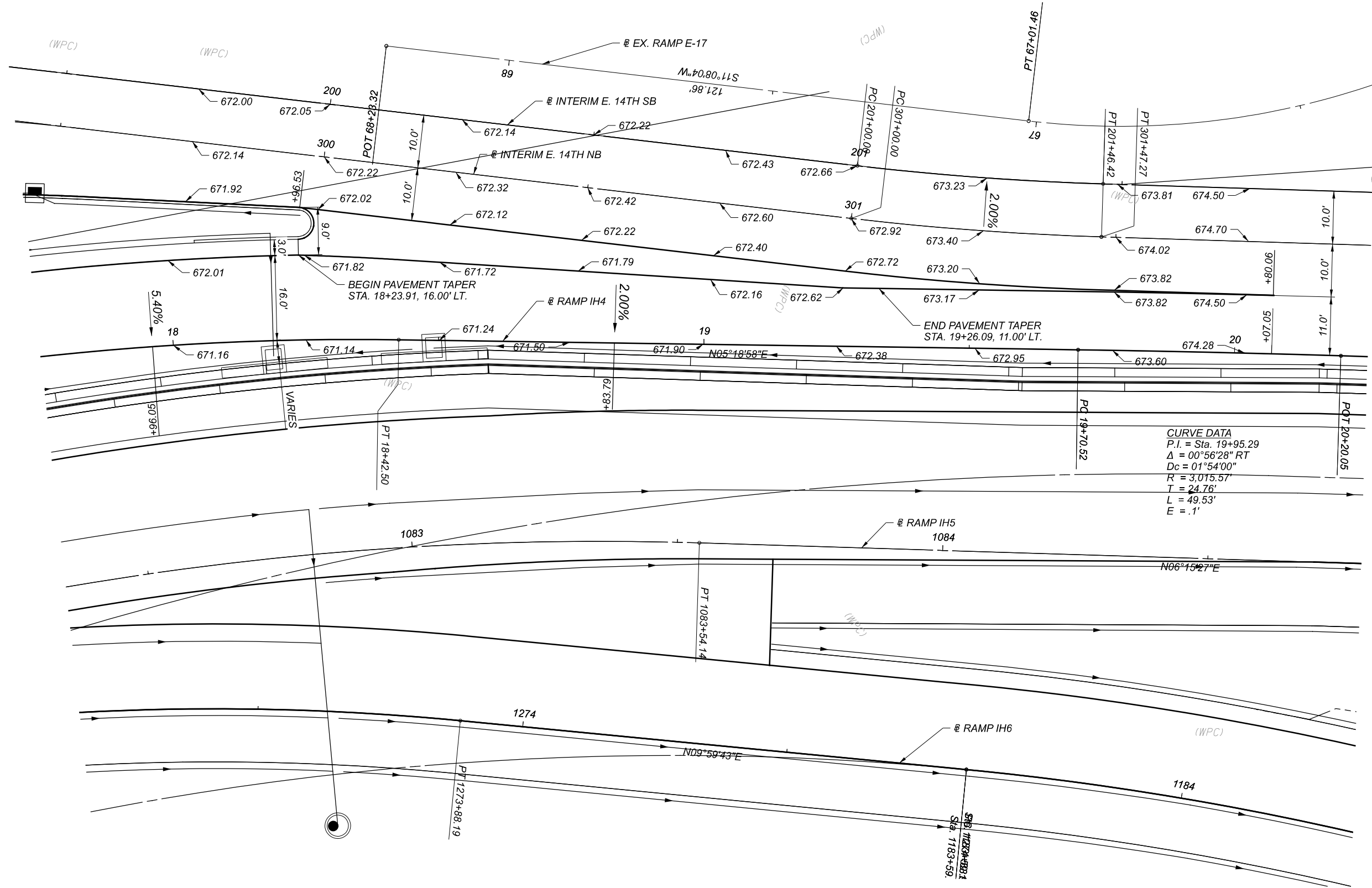
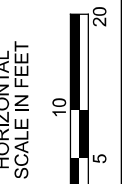
DESIGNER

REVIEWER

PROJECT ID
 82382

SHEET TOTAL
 856 2339

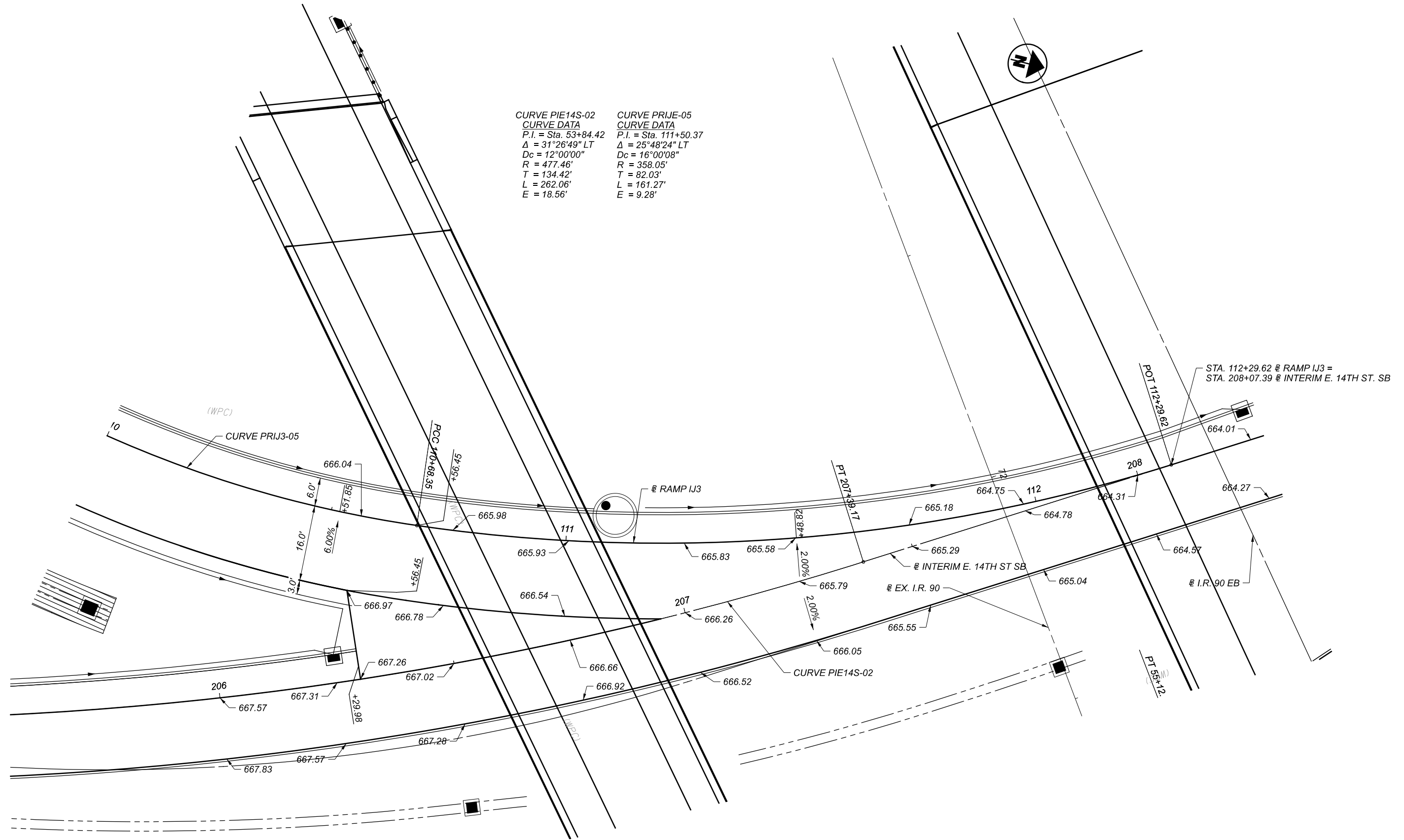
CURVE PRIH4-01 CURVE DATA	CURVE PRIH4-02 CURVE DATA	CURVE PIE14N-01 CURVE DATA
P.I. = Sta. 15+38.01	P.I. = Sta. 201+23.23	P.I. = Sta. 301+23.65
$\Delta = 80^{\circ}19'38''$ RT	$\Delta = 04^{\circ}52'17''$ LT	$\Delta = 04^{\circ}52'17''$ LT
Dc = 10°30'00"	Dc = 10°29'37"	Dc = 10°18'18"
R = 545.67'	R = 546.00'	R = 556.00'
T = 460.54'	T = 23.23'	T = 23.65'
L = 765.02'	L = 46.42'	L = 47.27'
E = 168.37'	E = 0.49'	E = 0.50'



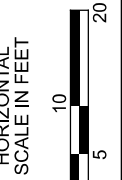
CURVE DATA
P.I. = Sta. 19+95.29
$\Delta = 00^{\circ}56'28''$ RT
Dc = 01°54'00"
R = 3,015.57'
T = 24.76'
L = 49.53'
E = .1'

RAMP TERMINAL DETAIL
 RAMP IH4 & E. 14TH ST.

DESIGN AGENCY	Michael Baker INTERNATIONAL
DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET	857
TOTAL	2339



CURVE PIE14S-02	CURVE PRIE-05
CURVE DATA	CURVE DATA
P.I. = Sta. 53+84.42	P.I. = Sta. 111+50.37
$\Delta = 31^\circ 26' 49''$ LT	$\Delta = 25^\circ 48' 24''$ LT
Dc = 12'00"00"	Dc = 16'00"08"
R = 477.46'	R = 358.05'
T = 134.42'	T = 82.03'
L = 262.06'	L = 161.27'
E = 18.56'	E = 9.28'



RAMP TERMINAL DETAIL
 RAMP IJ3 & E. 14TH ST.

DESIGN AGENCY

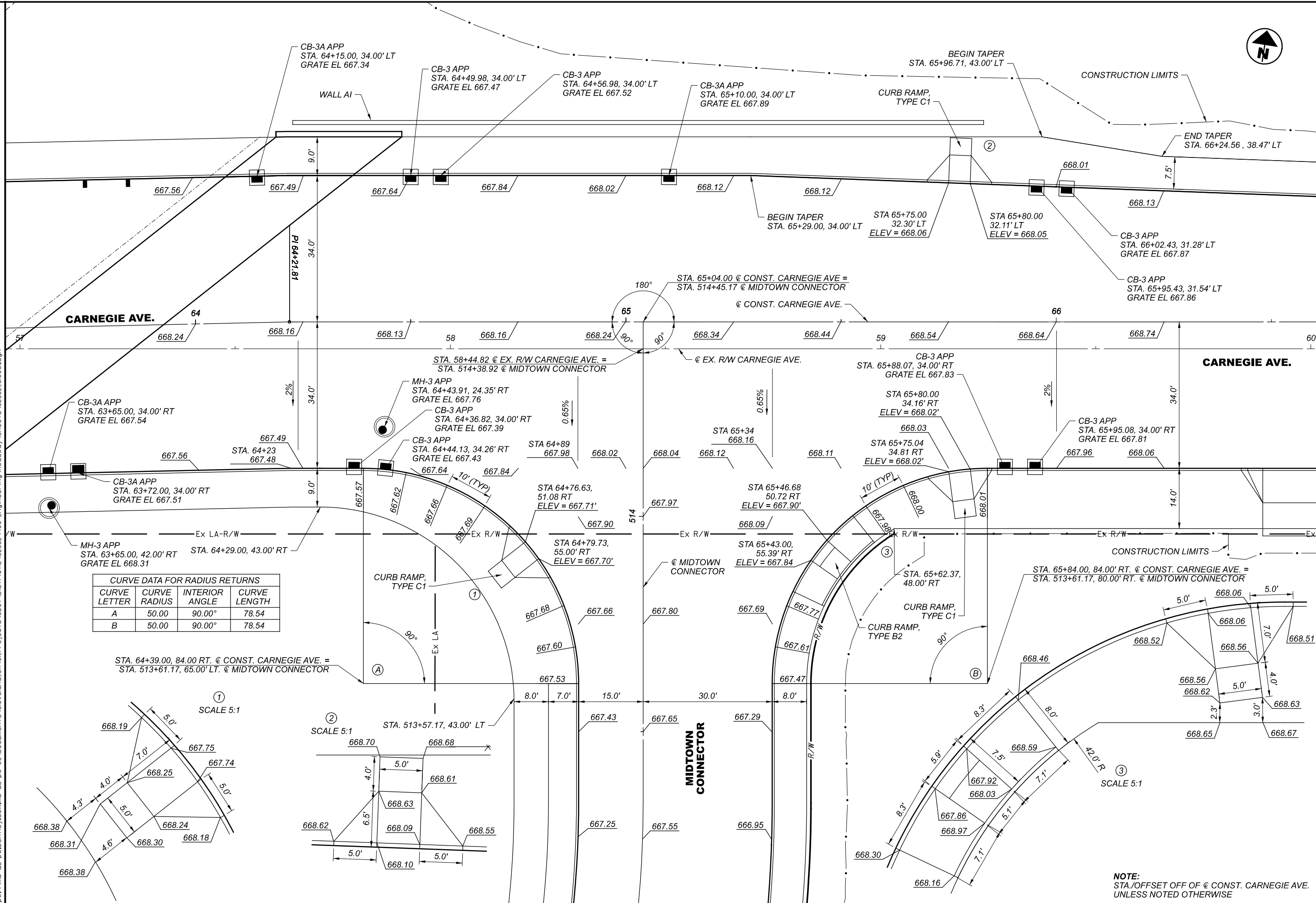
Michael Baker
 INTERNATIONAL

DESIGNER

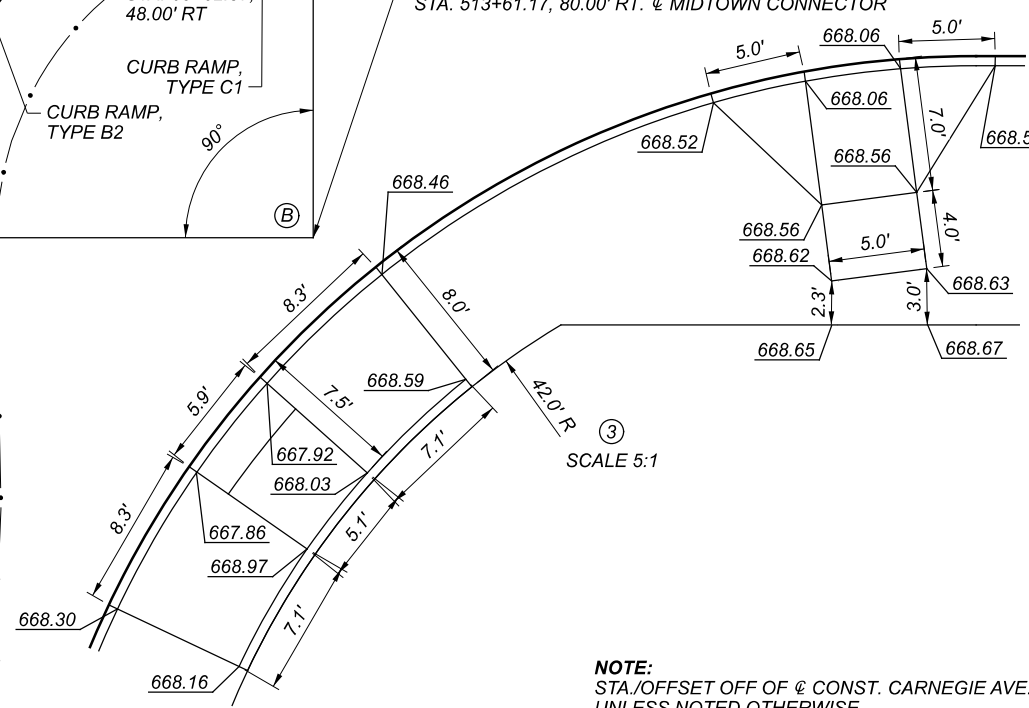
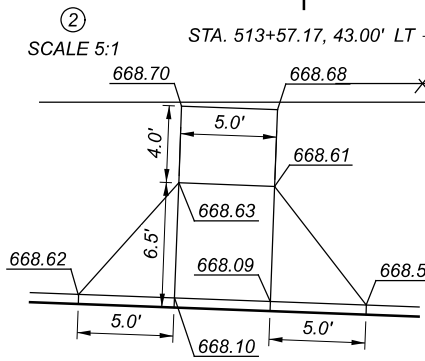
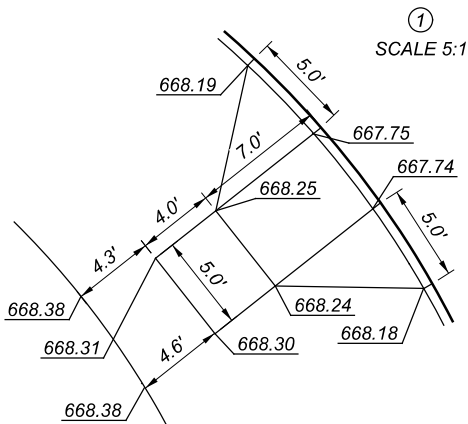
REVIEWER

PROJECT ID
 82382

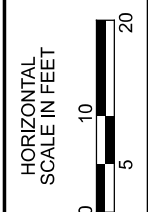
SHEET	TOTAL
858	2339



CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	50.00	90.00°	78.54
B	50.00	90.00°	78.54

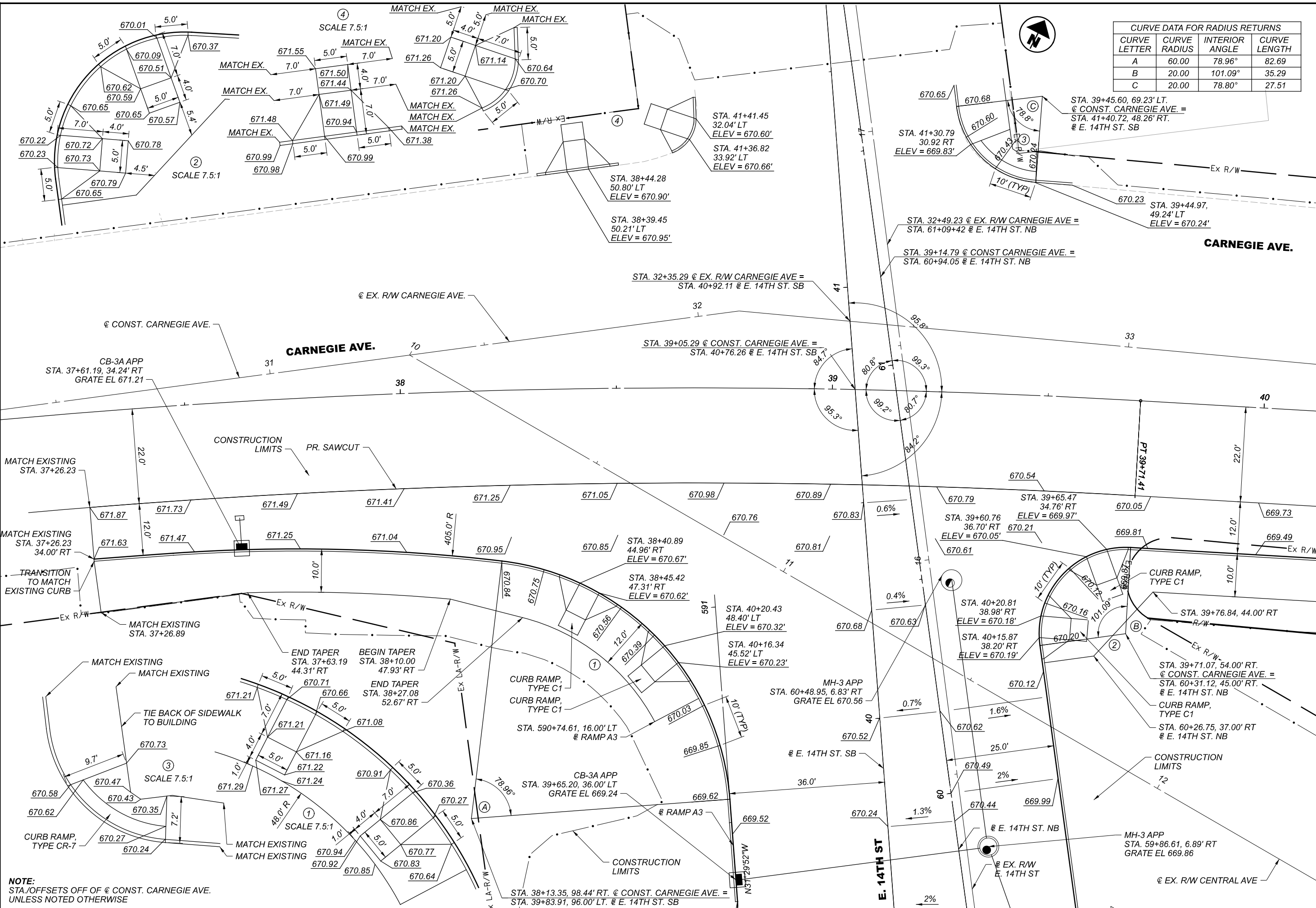


NOTE:
 STA./OFFSET OFF OF @ CONST. CARNEGIE AVE.
 UNLESS NOTED OTHERWISE



INTERSECTION DETAIL
 CARNEGIE AVE. & MIDTOWN CONNECTOR

DESIGN AGENCY	Michael Baker International
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET	859
TOTAL	2339



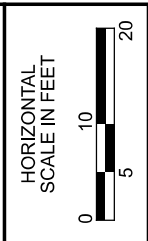
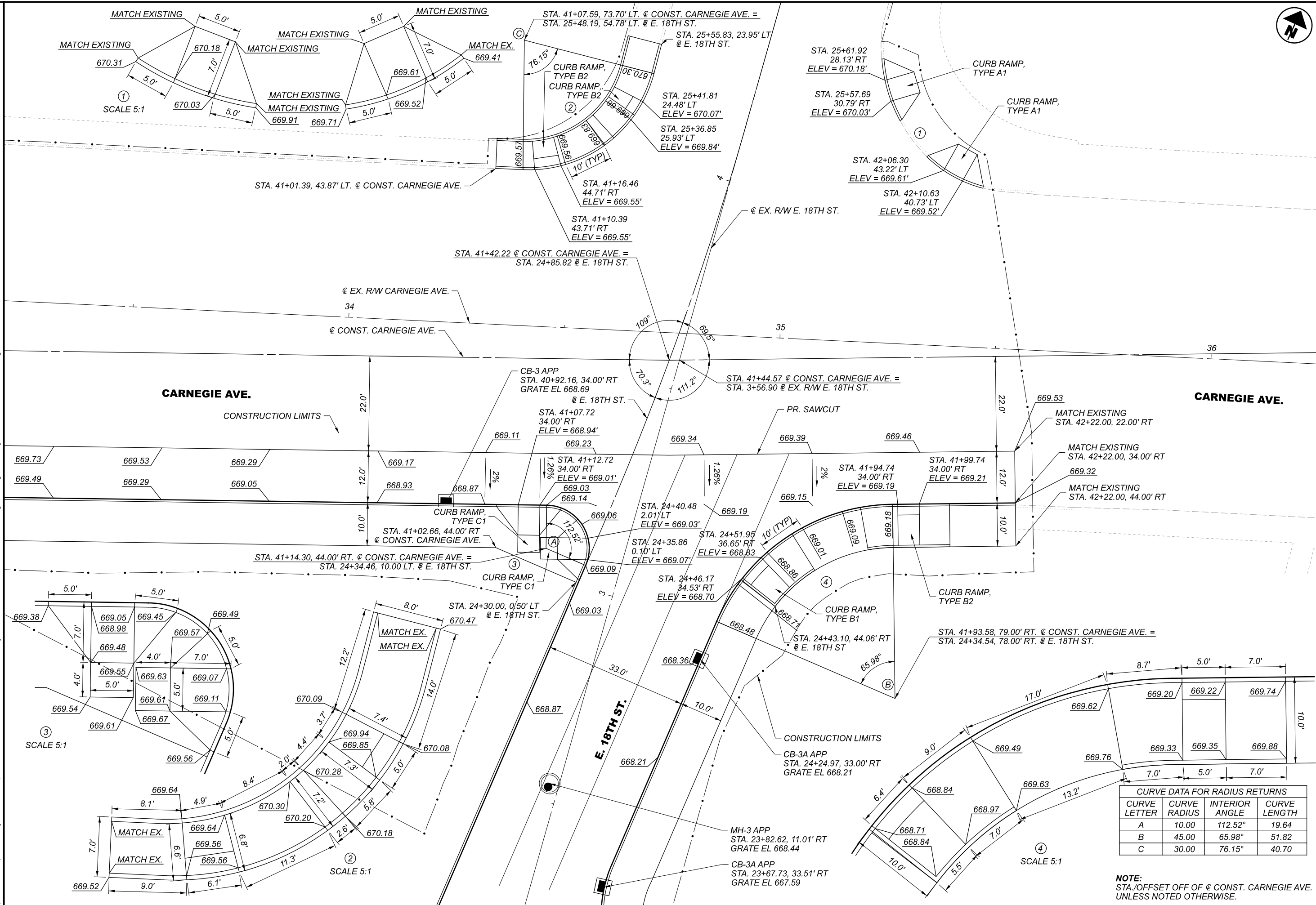
CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	60.00	78.96°	82.69
B	20.00	101.09°	35.29
C	20.00	78.80°	27.51



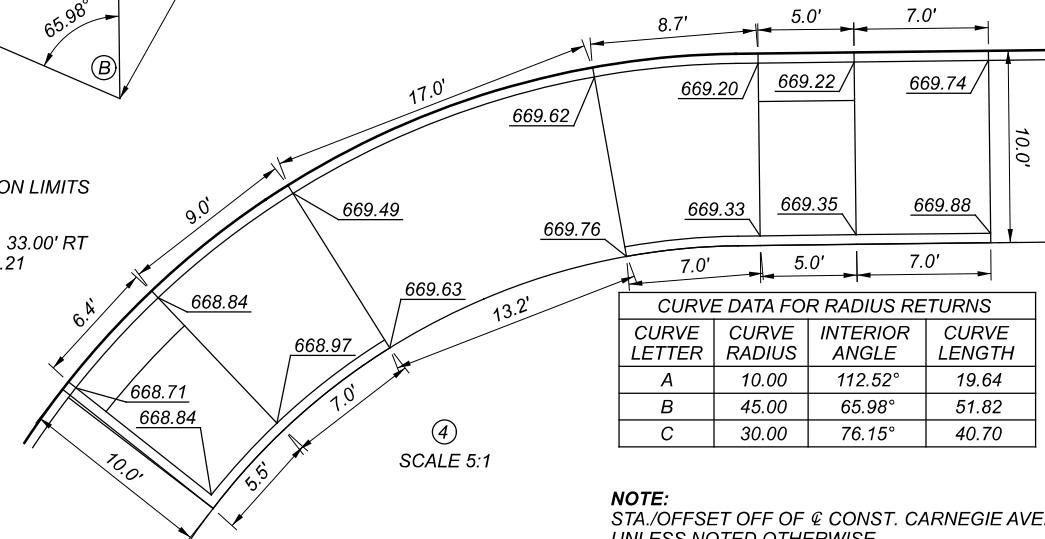
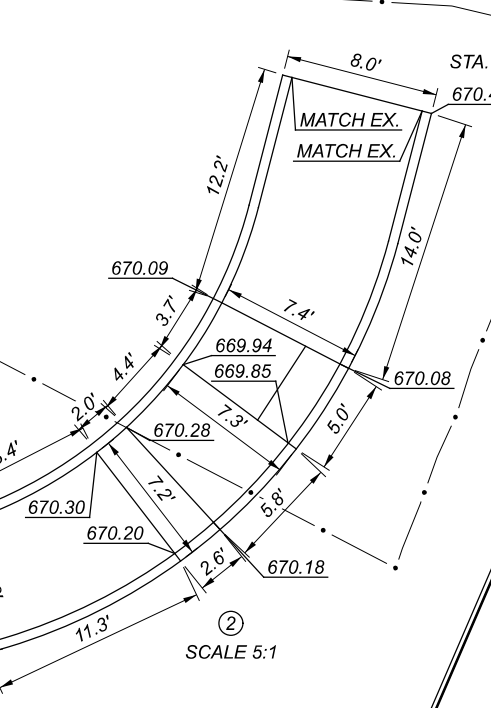
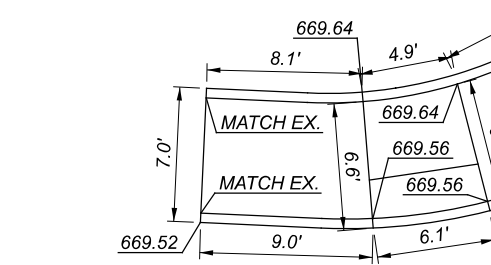
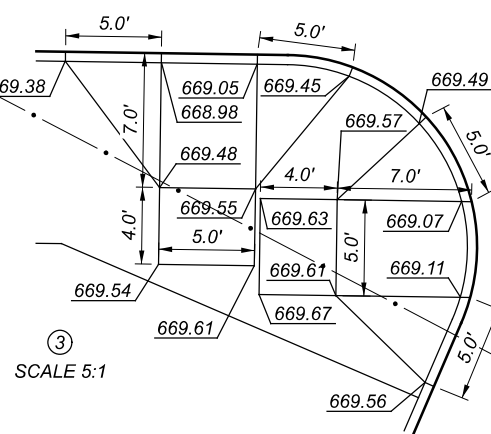
INTERSECTION DETAIL
 CARNEGIE AVE. & E. 14TH ST.

NOTE:
 STA./OFFSETS OFF OF @ CONST. CARNEGIE AVE.
 UNLESS NOTED OTHERWISE

DESIGN AGENCY	Michael Baker International
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET	860
TOTAL	2339



INTERSECTION DETAIL
CARNegie AVE. & E. 18TH ST.



CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	10.00	112.52°	19.64
B	45.00	65.98°	51.82
C	30.00	76.15°	40.70

NOTE:
 STA./OFFSET OFF OF @ CONST. CARNegie AVE.
 UNLESS NOTED OTHERWISE.

DESIGN AGENCY
Michael Baker
 INTERNATIONAL

DESIGNER
 —

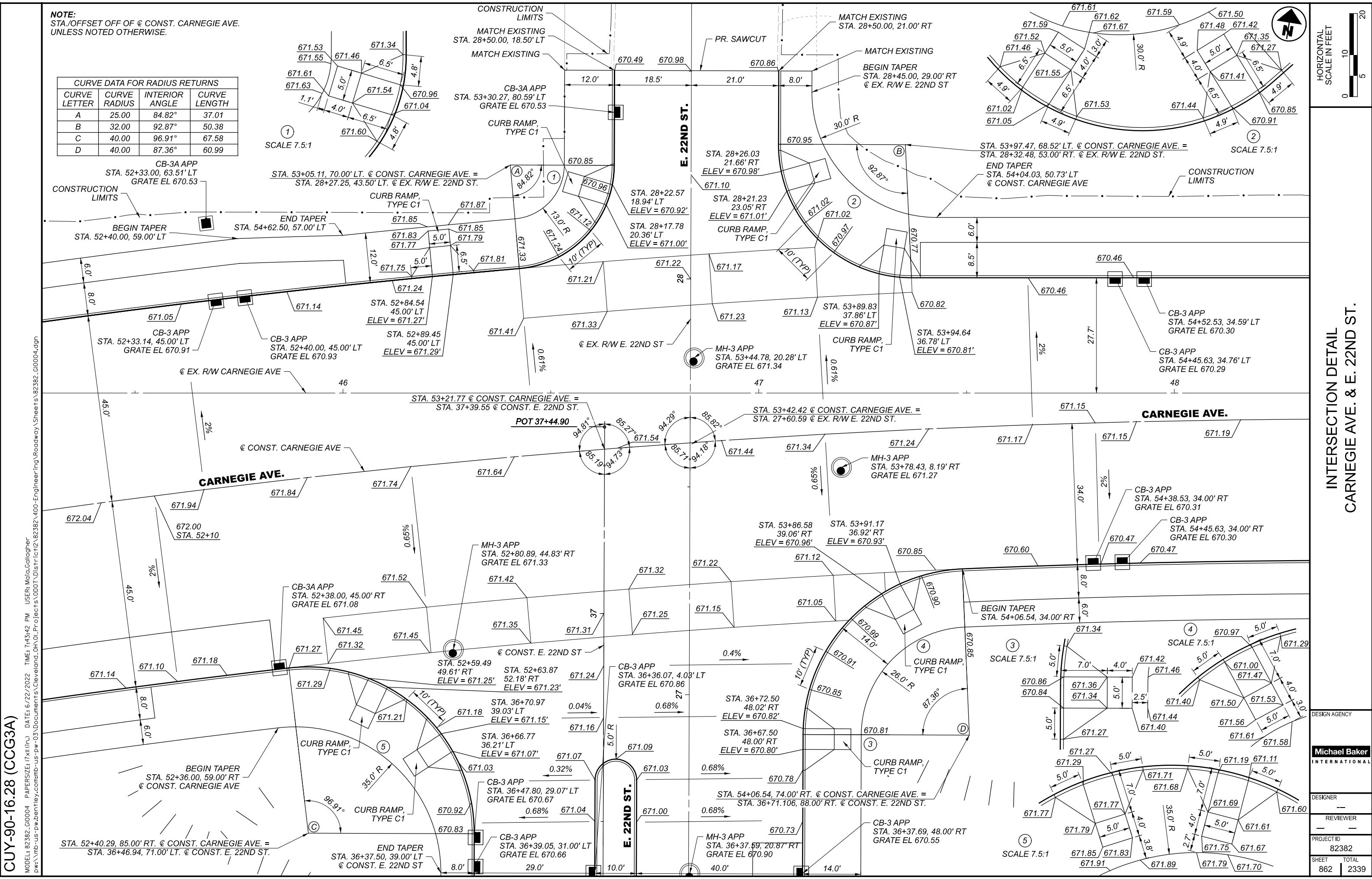
REVIEWER
 —

PROJECT ID
 82382

SHEET TOTAL
 861 2339

NOTE:
STA./OFFSET OFF OF @ CONST. CARNEGIE AVE.
UNLESS NOTED OTHERWISE.

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	25.00	84.82°	37.01
B	32.00	92.87°	50.38
C	40.00	96.91°	67.58
D	40.00	87.36°	60.99



CUY-90-16.28 (CCG3A)
 MODEL: 82382.00004 PAPER: 82382.00004 DATE: 6/22/2022 TIME: 7:43:42 PM USER: Malc.Gallagher
 p:\v\us-pw\entire\commb-us-pw-03\Documents\Cleveland_OH\01\Projects\0001\Dist\12\82382_400-Engineering\Roadway\Sheets\82382_G00004.dgn



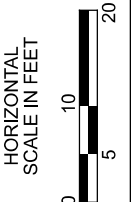
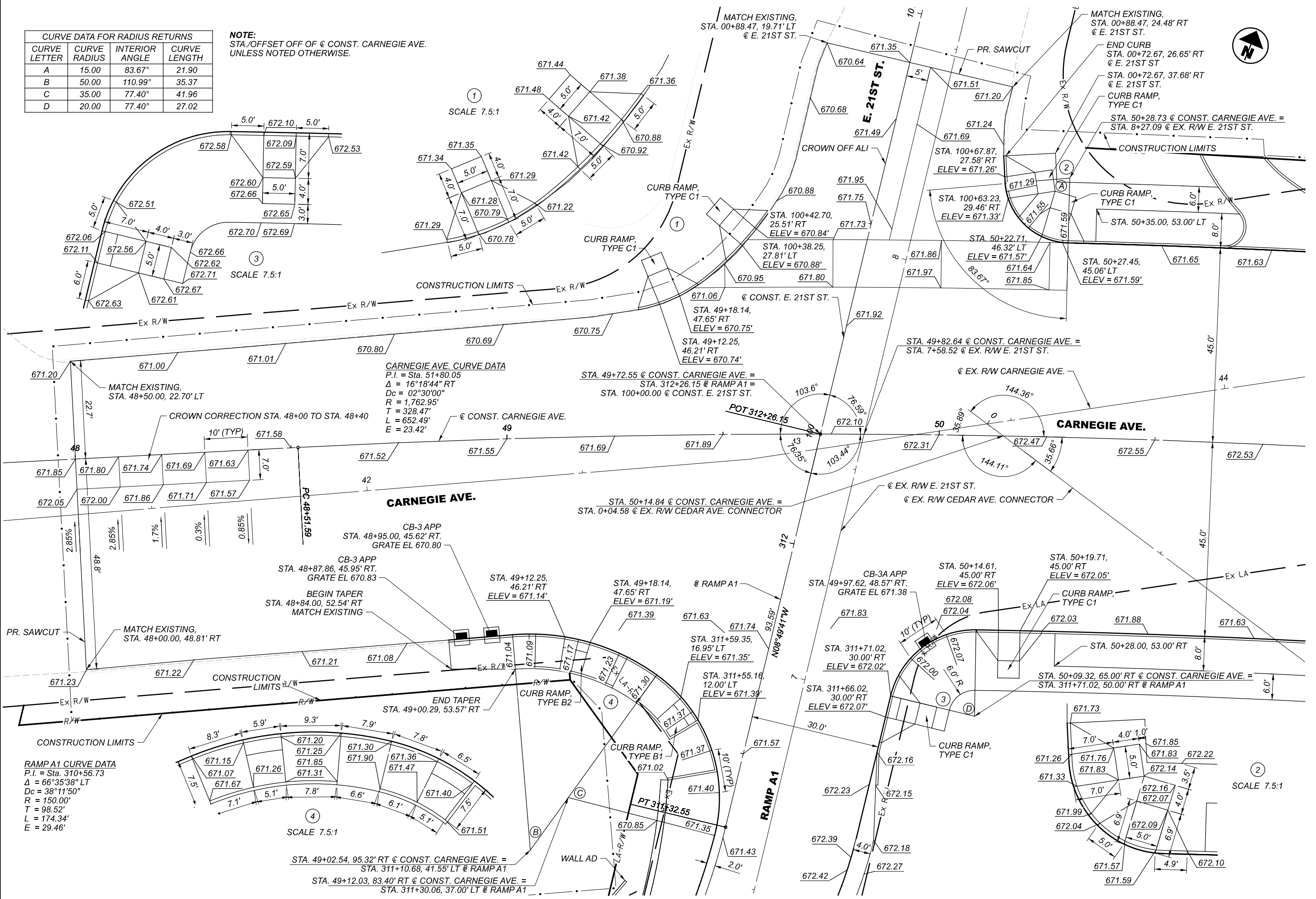
INTERSECTION DETAIL
 CARNEGIE AVE. & E. 22ND ST.

DESIGN AGENCY	
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET	862
TOTAL	2339

MODEL: 82382.G0005 PAPER SIZE: 11x17 (in.) DATE: 6/22/2022 TIME: 7:44:06 PM USER: MalcoGalagher
 pw:\mb-us-pw\mbentley.com\mb-us-pw-03\Documents\Cleveland_OH\01_Proj\82382_400-Engineering\Roadway_Sheets\82382_G0005.dgn

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	15.00	83.67°	21.90
B	50.00	110.99°	35.37
C	35.00	77.40°	41.96
D	20.00	77.40°	27.02

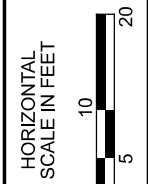
NOTE:
 STA./OFFSET OF @ CONST. CARNEGIE AVE.
 UNLESS NOTED OTHERWISE.



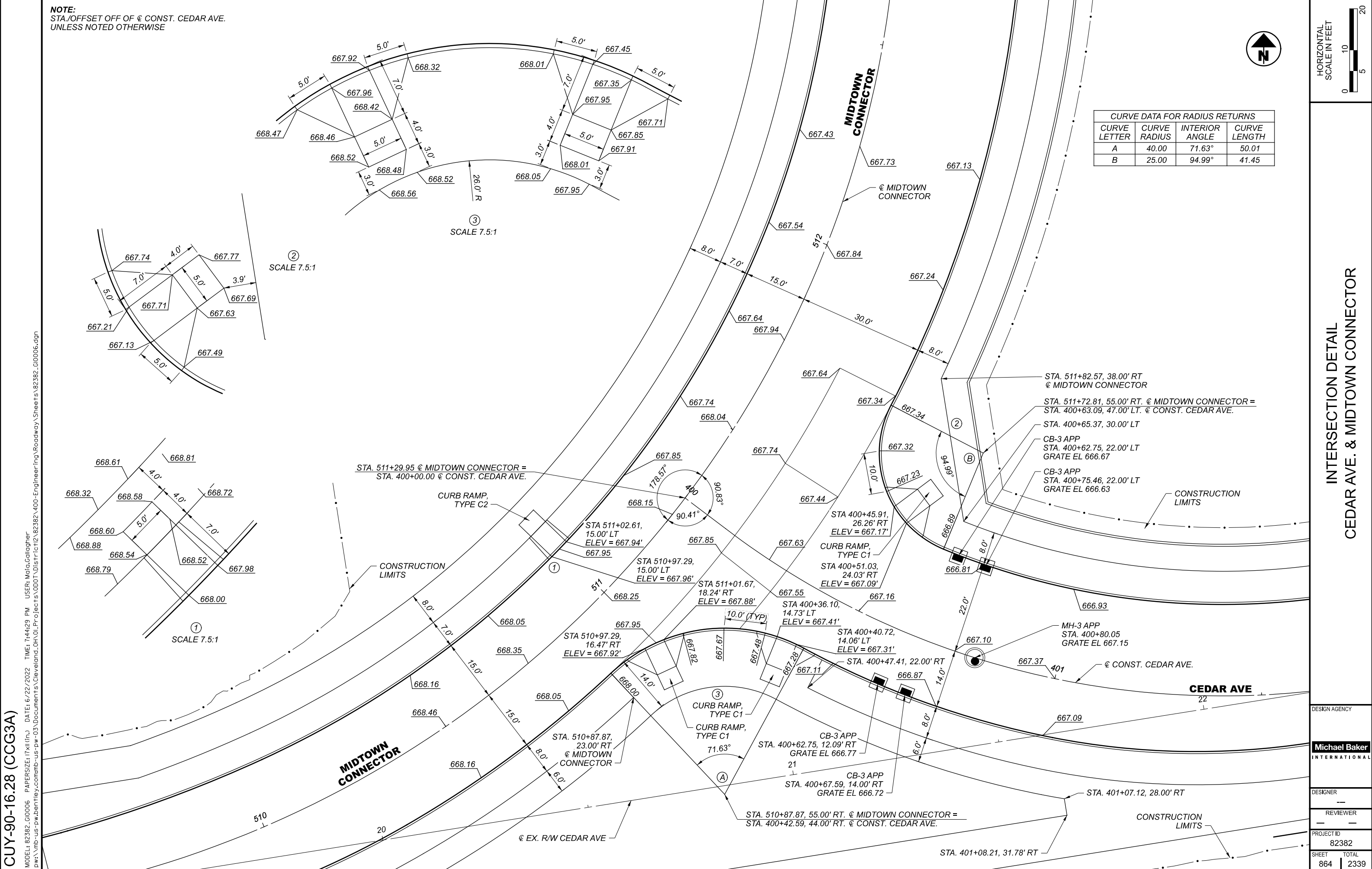
INTERSECTION DETAIL
 CARNEGIE AVE. & E. 21ST ST.

DESIGN AGENCY	Michael Baker International
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET	863
TOTAL	2339

NOTE:
 STA./OFFSET OFF OF @ CONST. CEDAR AVE.
 UNLESS NOTED OTHERWISE



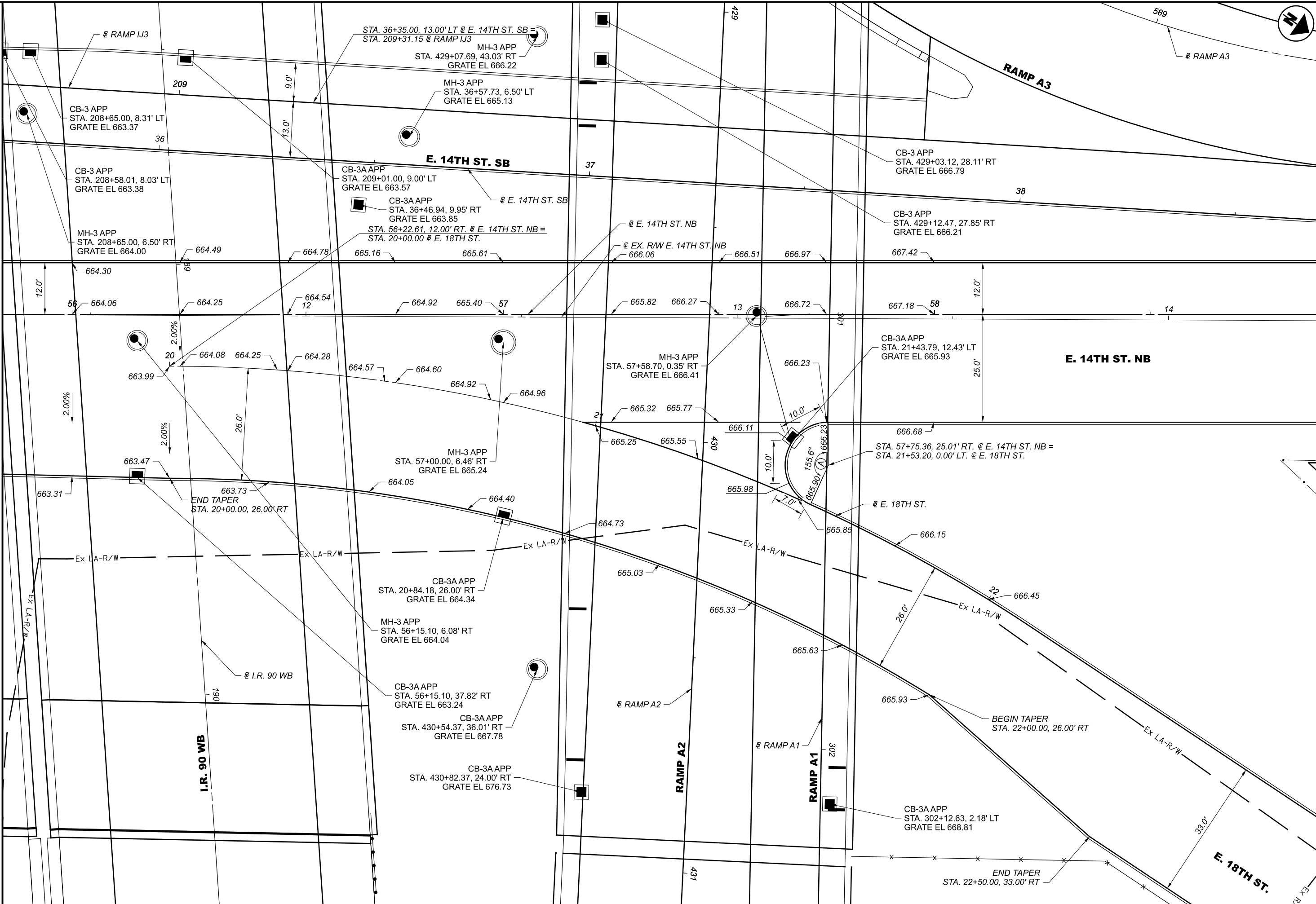
CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	40.00	71.63°	50.01
B	25.00	94.99°	41.45



CUY-90-16.28 (CCG3A)
 MODEL: 82382.G0006 PAPER SIZE: ITX(11r.) DATE: 6/22/2022 TIME: 7:44:29 PM USER: Malc.Gallagher
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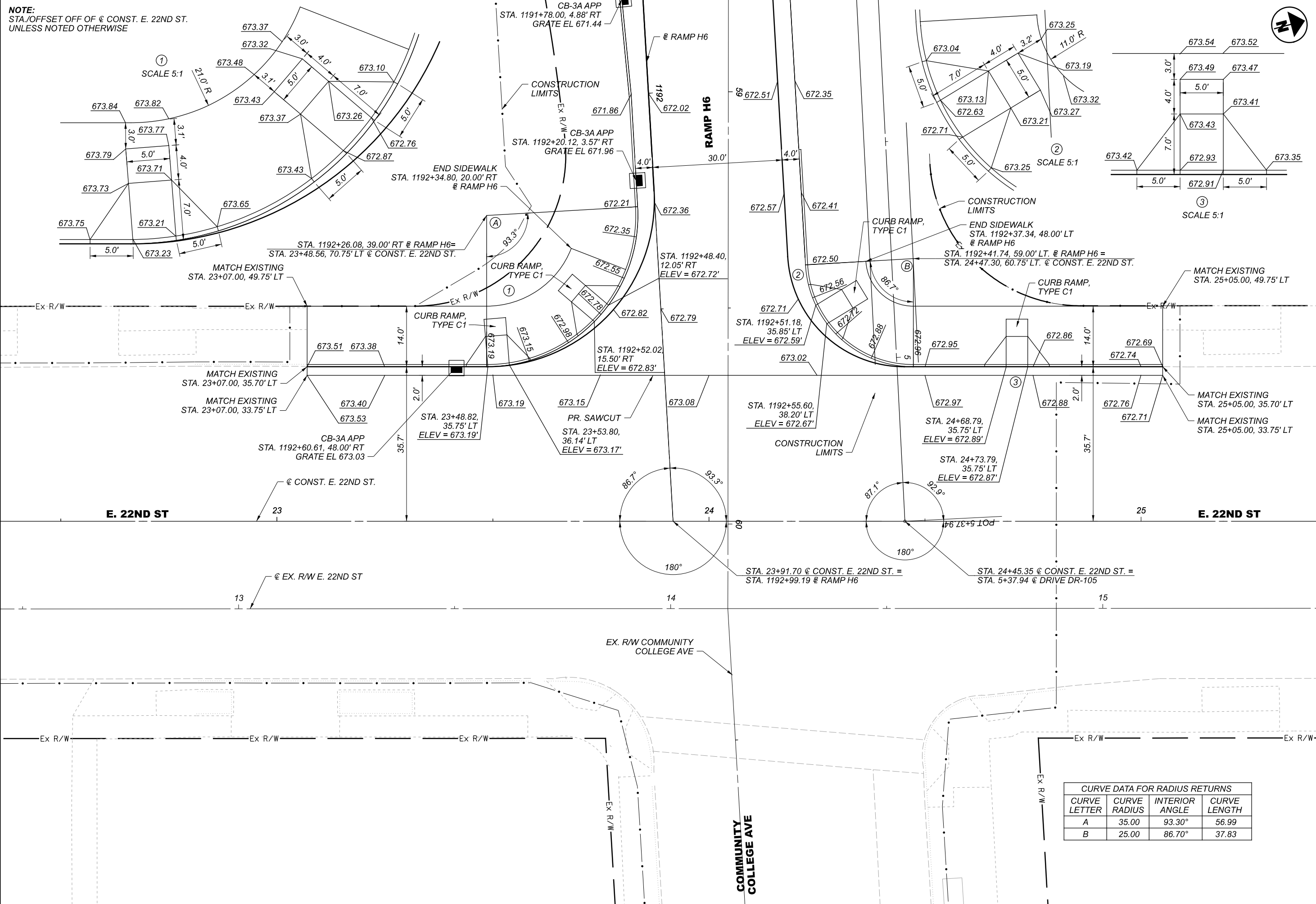
INTERSECTION DETAIL
CEDAR AVE. & MIDTOWN CONNECTOR

DESIGN AGENCY	Michael Baker International
DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET	864
TOTAL	2339



INTERSECTION DETAIL
E. 14TH ST. & E. 18TH ST.

DESIGN AGENCY	Michael Baker INTERNATIONAL
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET TOTAL	865 2339

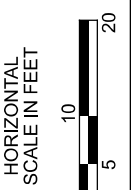


NOTE:
 STA./OFFSET OFF OF @ CONST. E. 22ND ST.
 UNLESS NOTED OTHERWISE

SCALE 5:1

SCALE 5:1

SCALE 5:1



**INTERSECTION DETAIL
 E. 22ND ST. & RAMP H6**

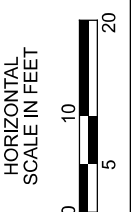
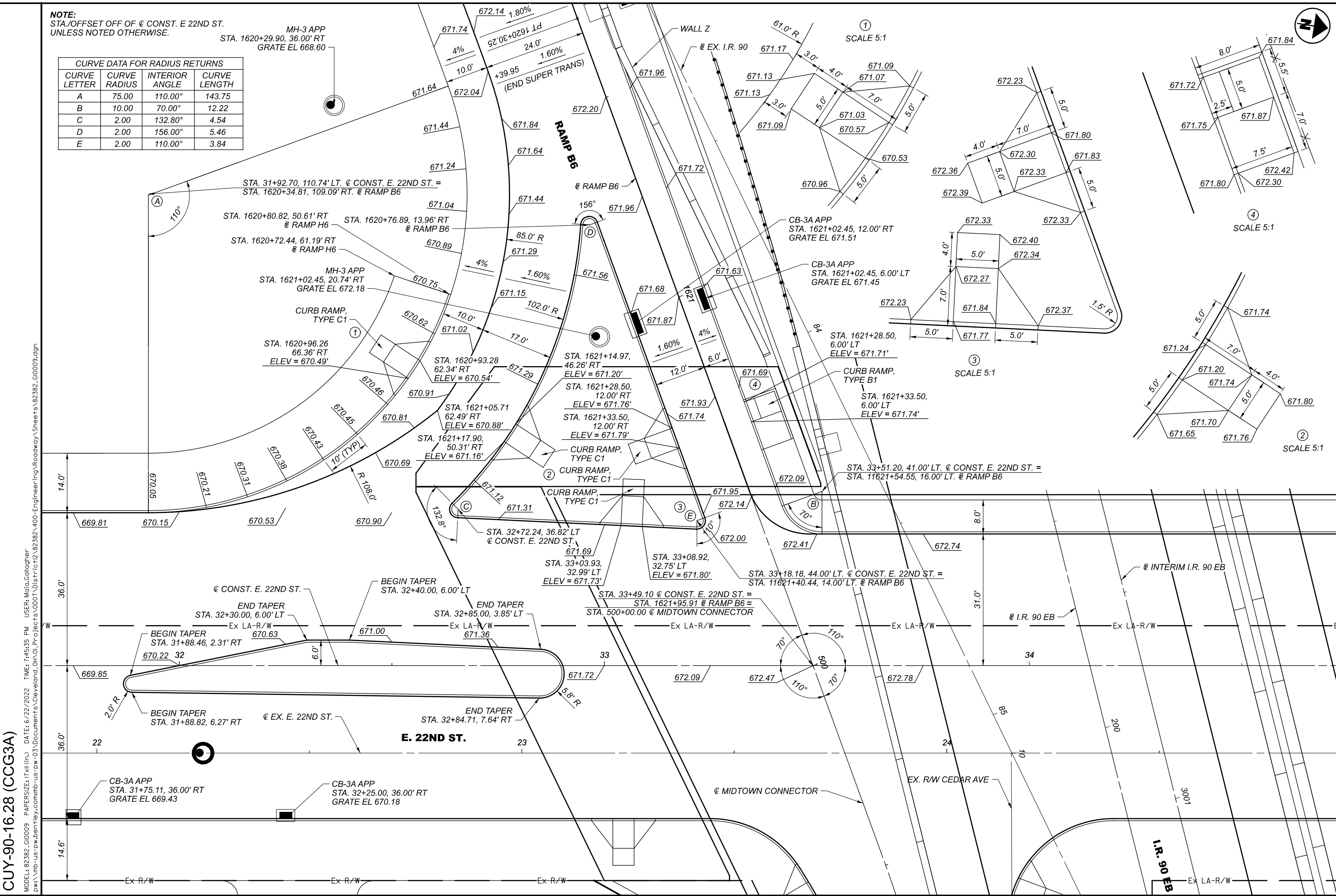
CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	35.00	93.30°	56.99
B	25.00	86.70°	37.83

DESIGN AGENCY	Michael Baker International
DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET	866
TOTAL	2339

NOTE:
STA./OFFSET OFF OF @ CONST. E 22ND ST.
UNLESS NOTED OTHERWISE.

MH-3 APP
STA. 1620+29.90, 36.00' RT
GRATE EL 668.60

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	75.00	110.00°	143.75
B	10.00	70.00°	12.22
C	2.00	132.80°	4.54
D	2.00	156.00°	5.46
E	2.00	110.00°	3.84



① SCALE 5:1

④ SCALE 5:1

③ SCALE 5:1

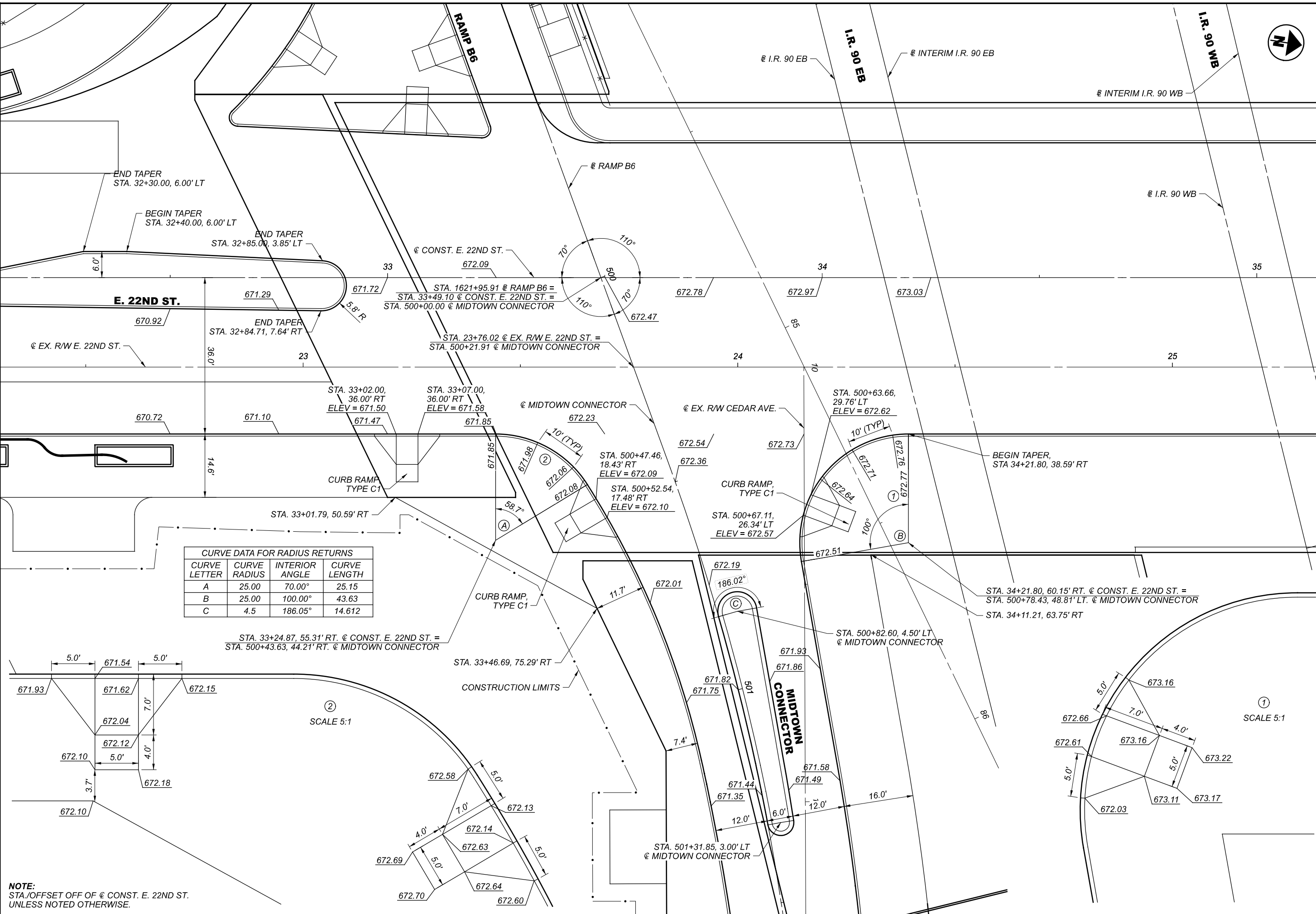
② SCALE 5:1

CUY-90-16.28 (CCG3A)

MODEL: 82382.G0009 PAPER: 8/22/2022 TIME: 7:45:35 PM USER: Malc.Gallagher
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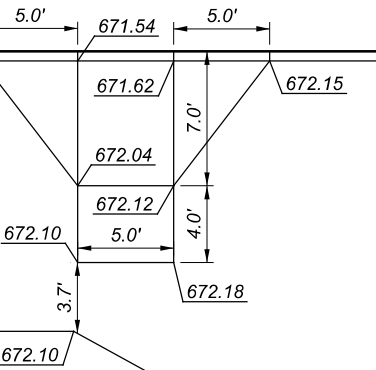
INTERSECTION DETAIL
RAMP B6 & E. 22ND ST.

DESIGN AGENCY	Michael Baker INTERNATIONAL
DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET TOTAL	867 2339

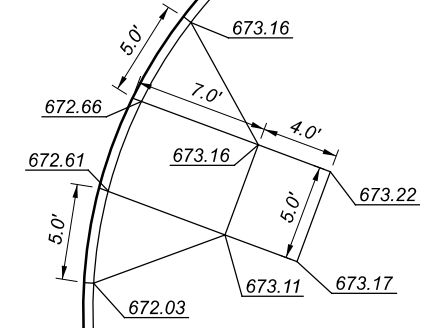


CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	25.00	70.00°	25.15
B	25.00	100.00°	43.63
C	4.5	186.05°	14.612

STA. 33+24.87, 55.31' RT. @ CONST. E. 22ND ST. =
 STA. 500+43.63, 44.21' RT. @ MIDTOWN CONNECTOR

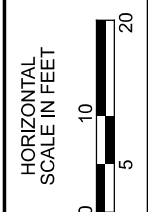


SCALE 5:1



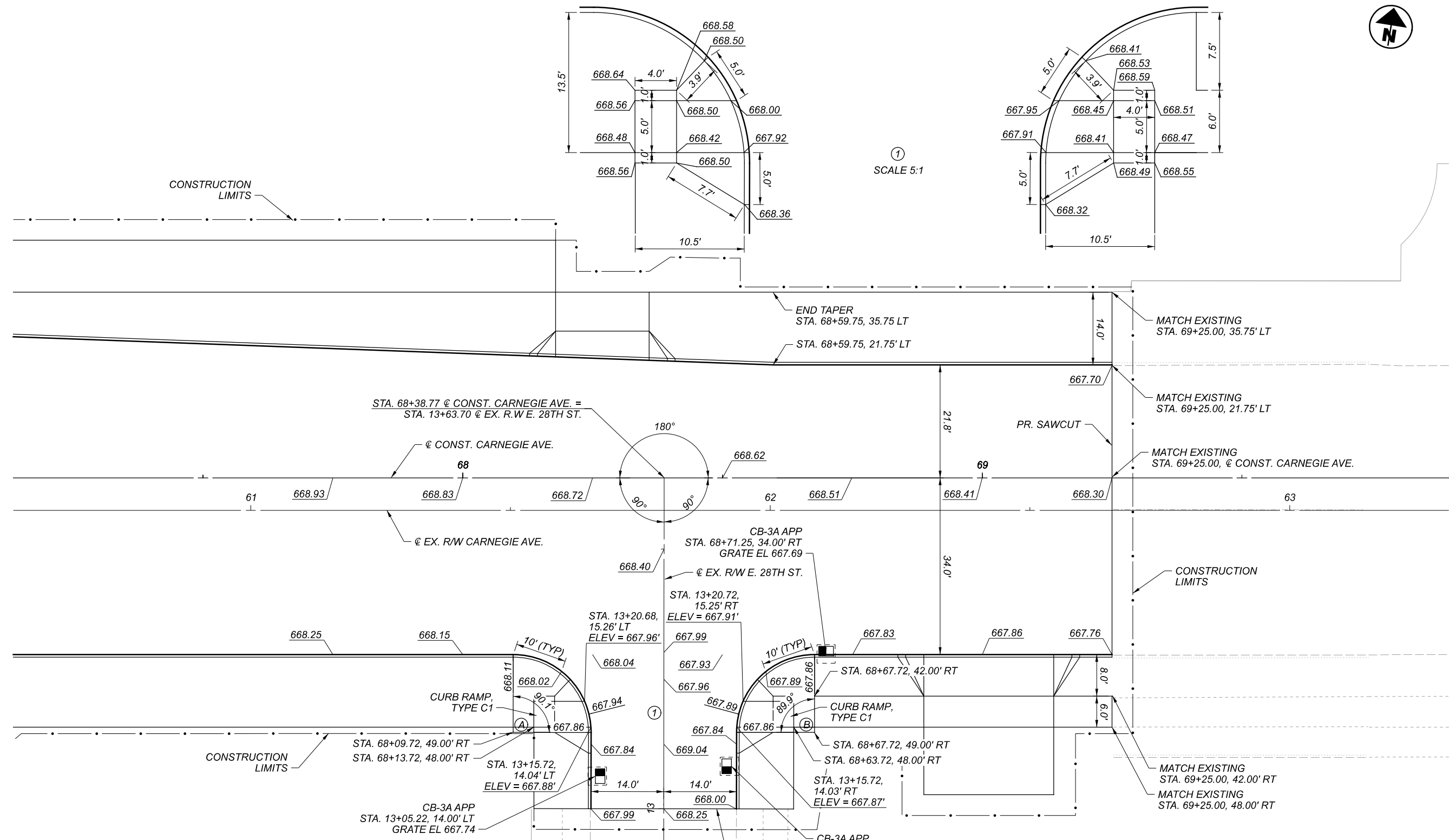
SCALE 5:1

NOTE:
 STA./OFFSET OFF OF @ CONST. E. 22ND ST.
 UNLESS NOTED OTHERWISE.



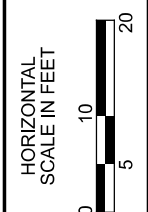
INTERSECTION DETAIL
MIDTOWN CONNECTOR & E. 22ND ST.

DESIGN AGENCY	Michael Baker INTERNATIONAL
DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET	868
TOTAL	2339



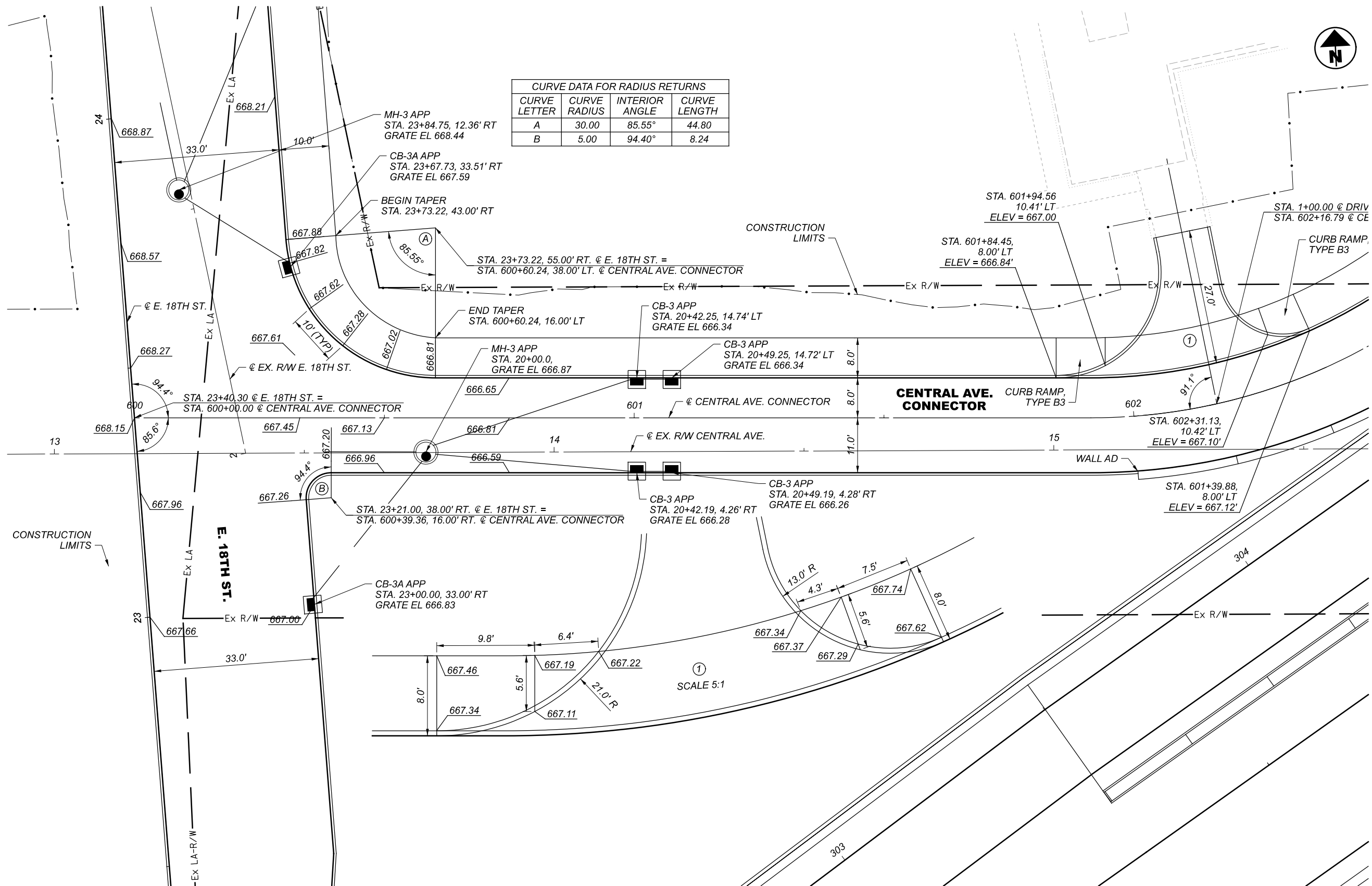
CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	15.00	90.10°	23.58
B	15.00	89.90°	23.54

①
SCALE 5:1

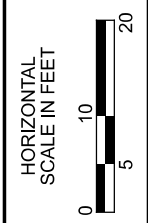


INTERSECTION DETAIL
CARNEGIE & E 28TH

DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET	870
TOTAL	2339



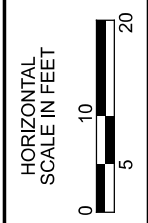
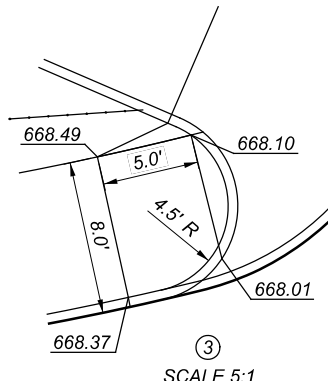
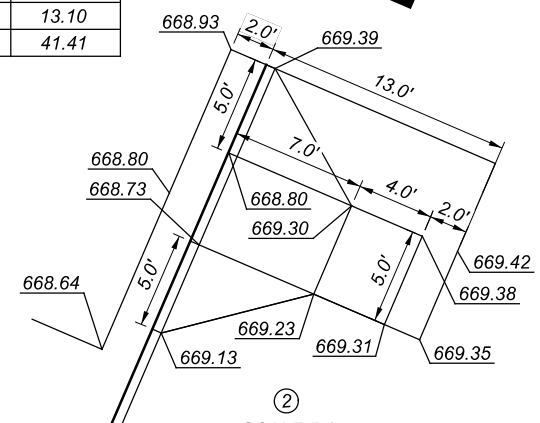
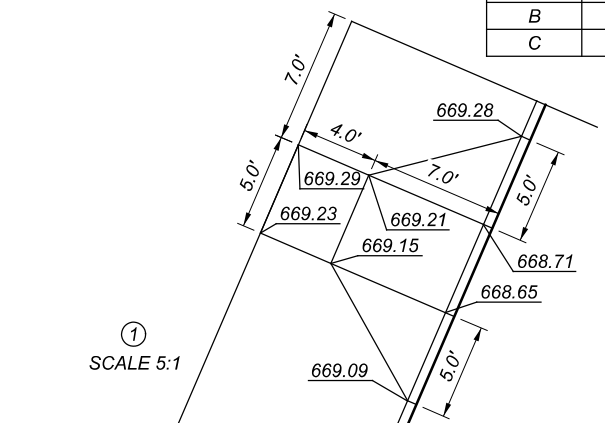
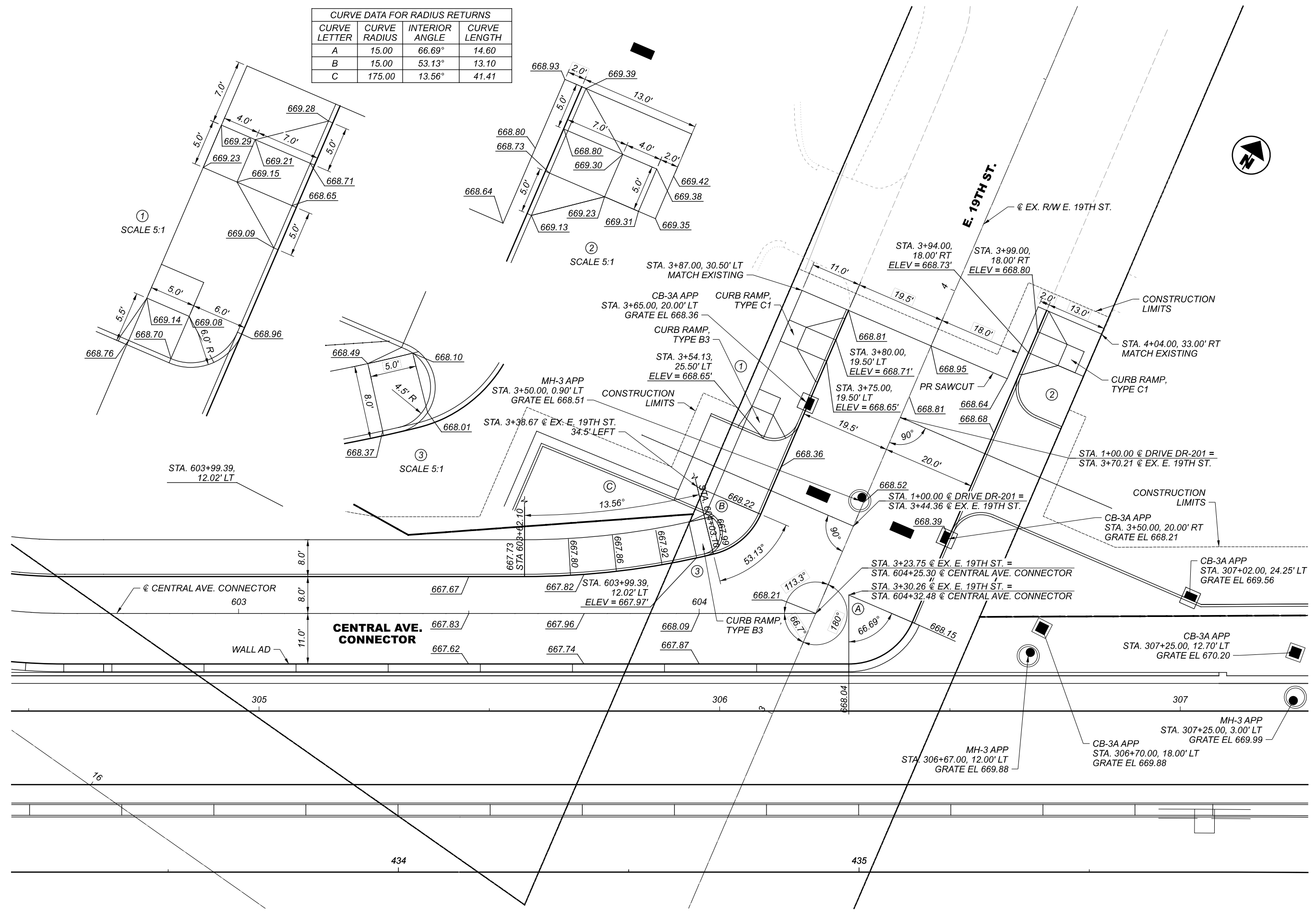
CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	30.00	85.55°	44.80
B	5.00	94.40°	8.24



INTERSECTION DETAIL
 E 18TH / CENTRAL AVE CONNECTOR

DESIGN AGENCY	Michael Baker INTERNATIONAL
DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET	871
TOTAL	2339

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	CURVE RADIUS	INTERIOR ANGLE	CURVE LENGTH
A	15.00	66.69°	14.60
B	15.00	53.13°	13.10
C	175.00	13.56°	41.41

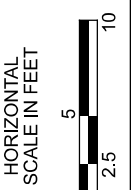
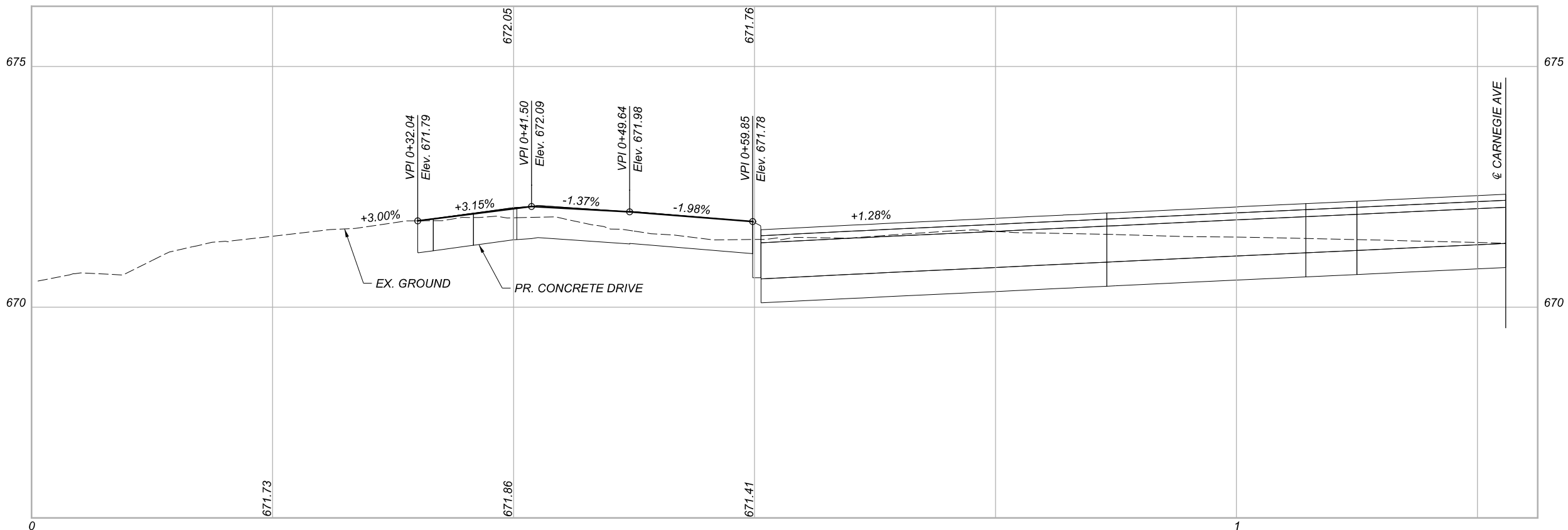
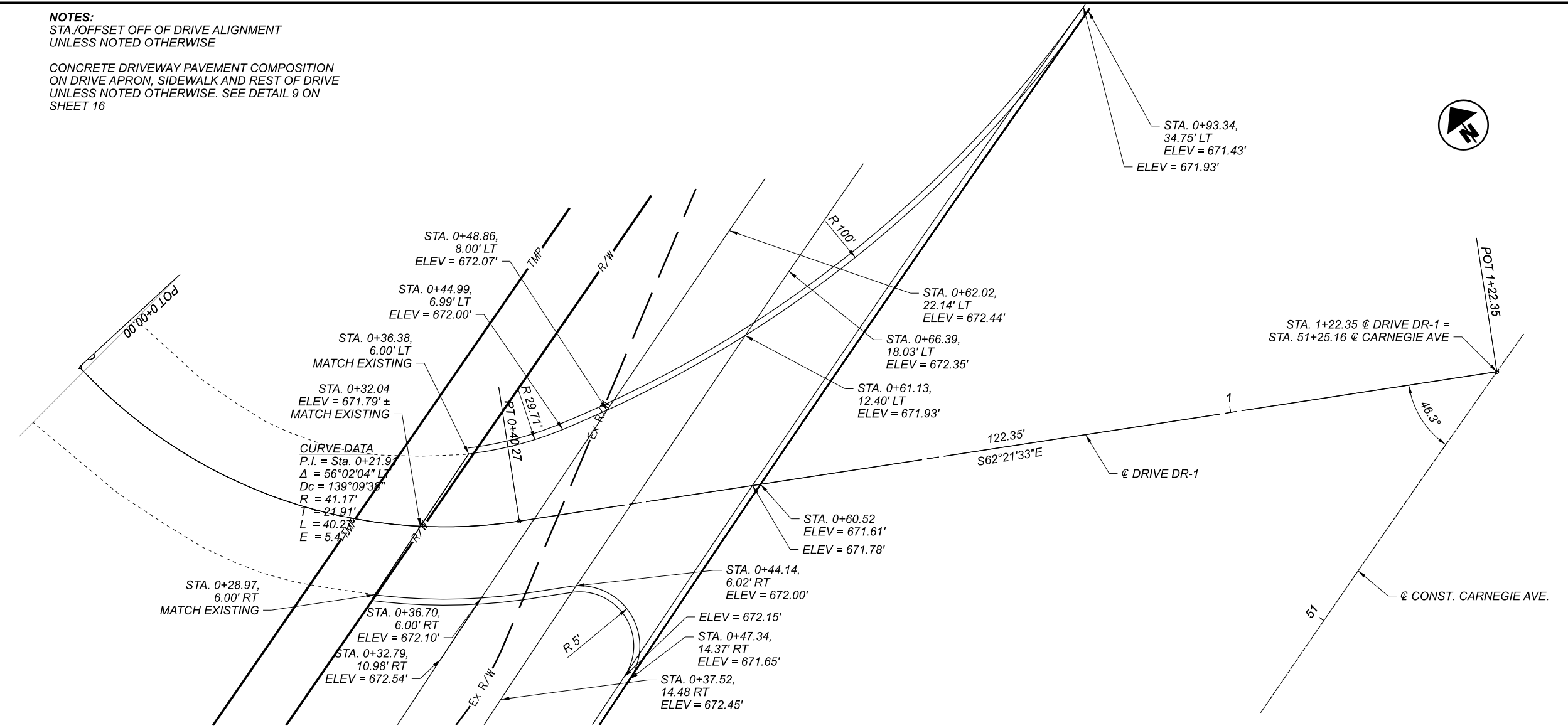


INTERSECTION DETAIL
CENTRAL AVE CONNECTOR / E 19TH

DESIGN AGENCY	Michael Baker INTERNATIONAL
DESIGNER	—
REVIEWER	—
PROJECT ID	82382
SHEET	872
TOTAL	2339

NOTES:
 STA./OFFSET OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16



**PLAN AND PROFILE - DRIVE DR-1
 CARNEGIE AVE. STA. 51+25.16**

DESIGN AGENCY

**Michael Baker
 INTERNATIONAL**

DESIGNER

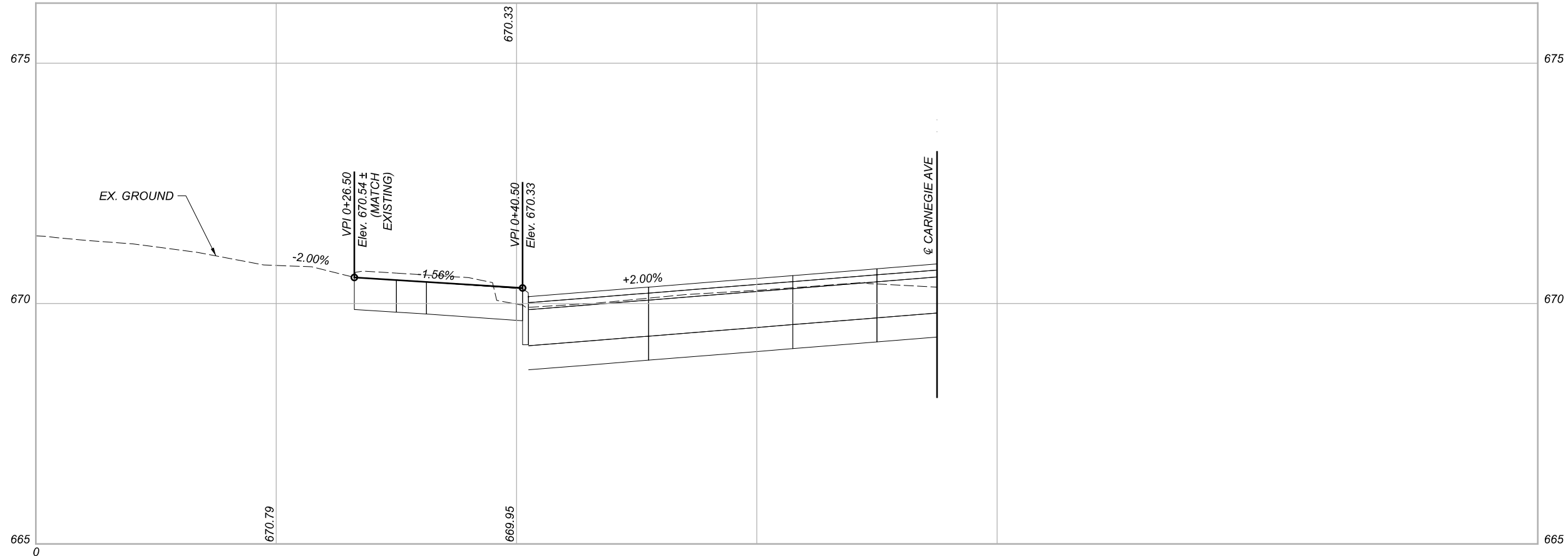
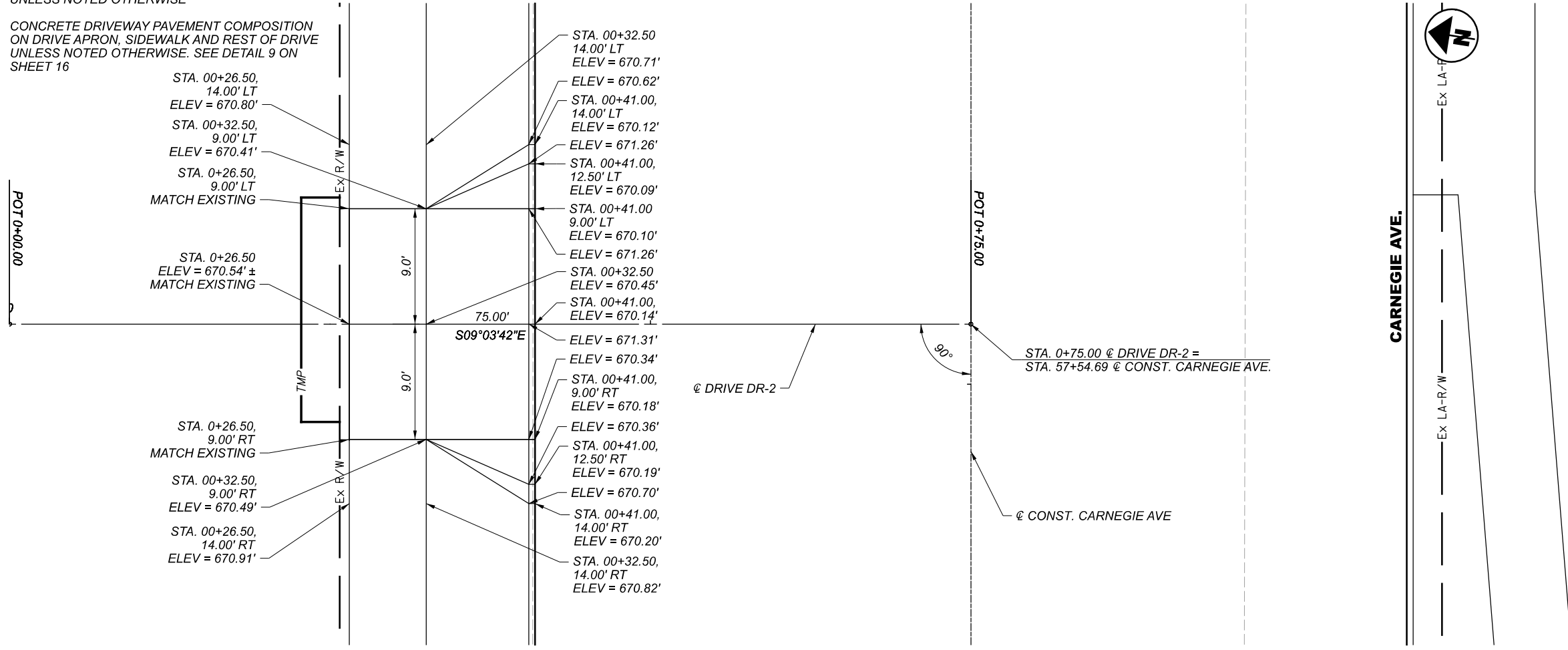
REVIEWER

PROJECT ID
 82382

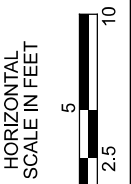
SHEET TOTAL
 873 2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16



CARNEGIE AVE.



PLAN AND PROFILE - DRIVE DR-2
 CARNEGIE AVE. STA. 57+54.69

DESIGN AGENCY

Michael Baker
 INTERNATIONAL

DESIGNER

REVIEWER

PROJECT ID

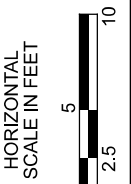
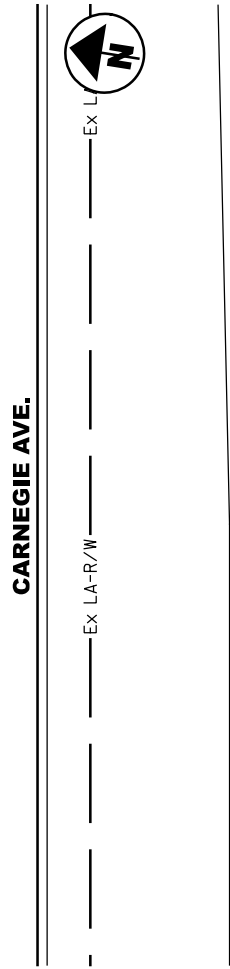
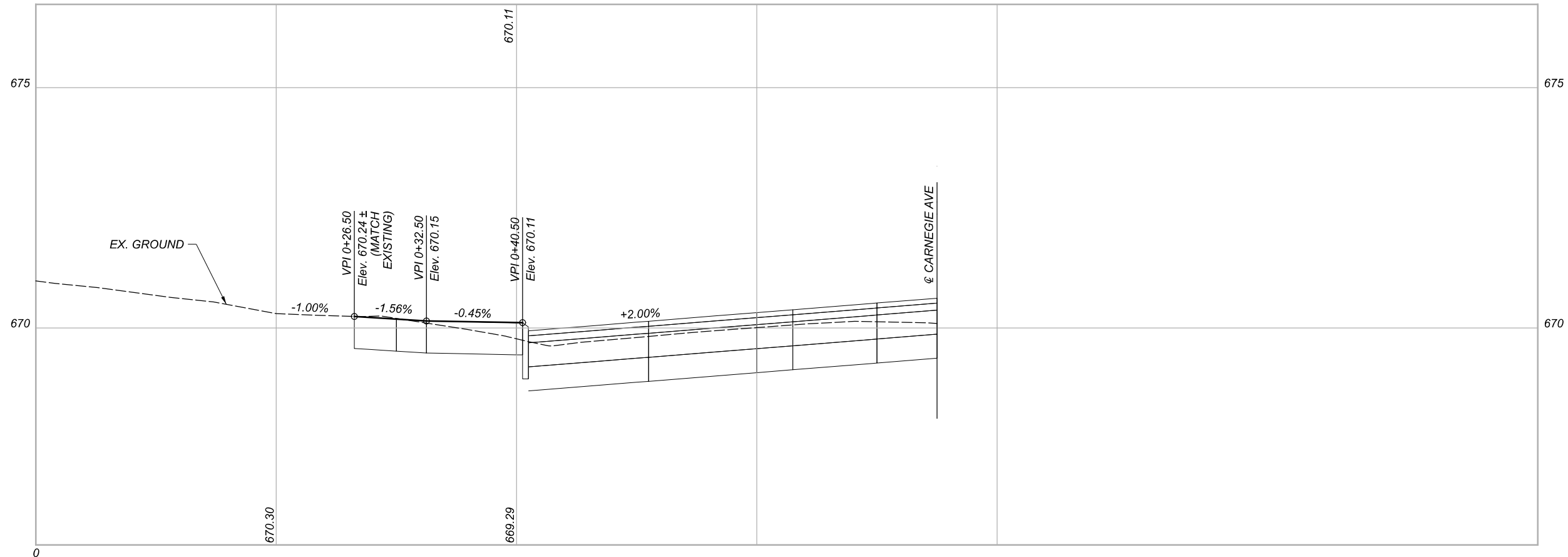
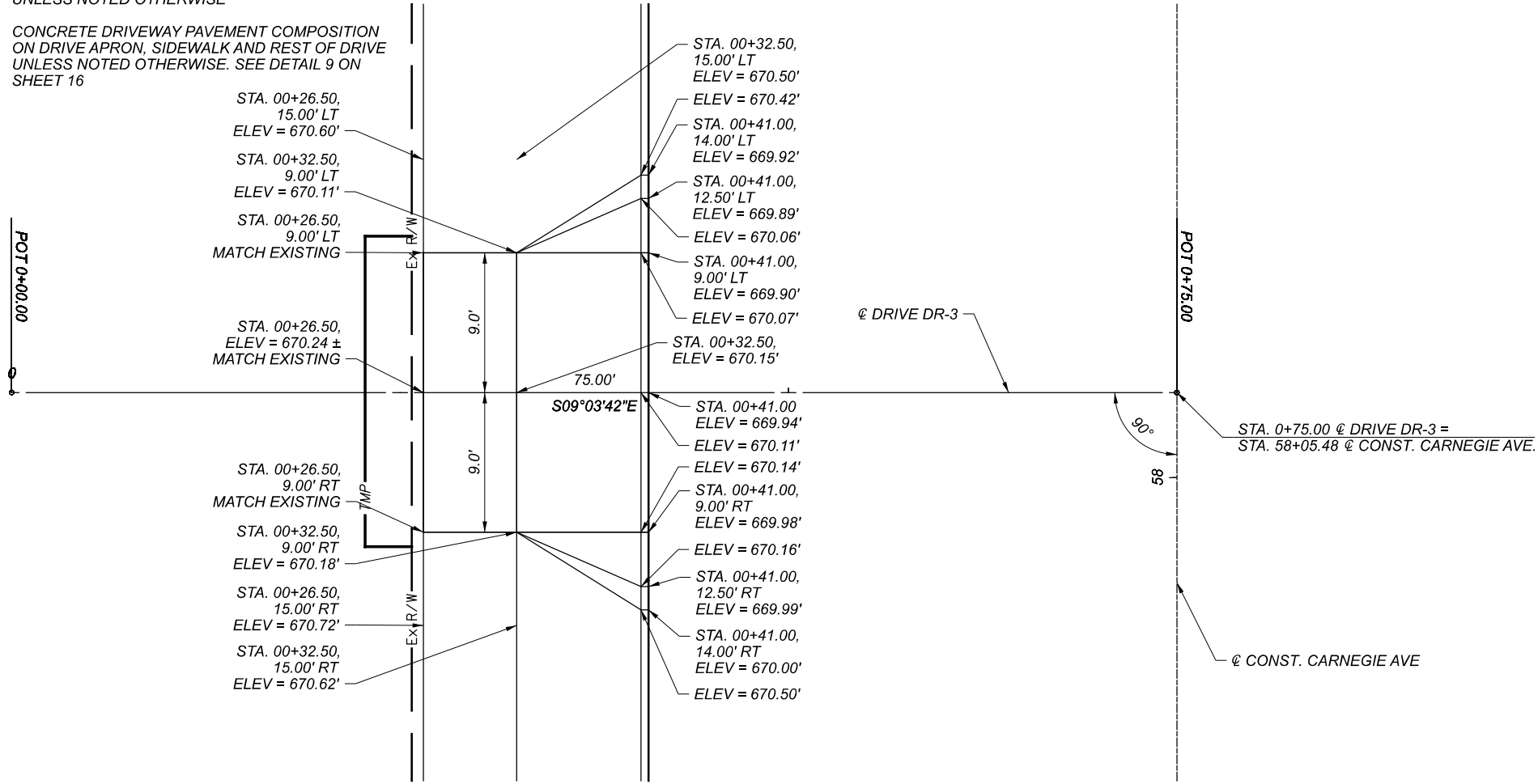
82382

SHEET TOTAL

874 2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16



PLAN AND PROFILE - DRIVE DR-3
 CARNEGIE AVE. STA. 58+05.48

DESIGN AGENCY

Michael Baker
 INTERNATIONAL

DESIGNER

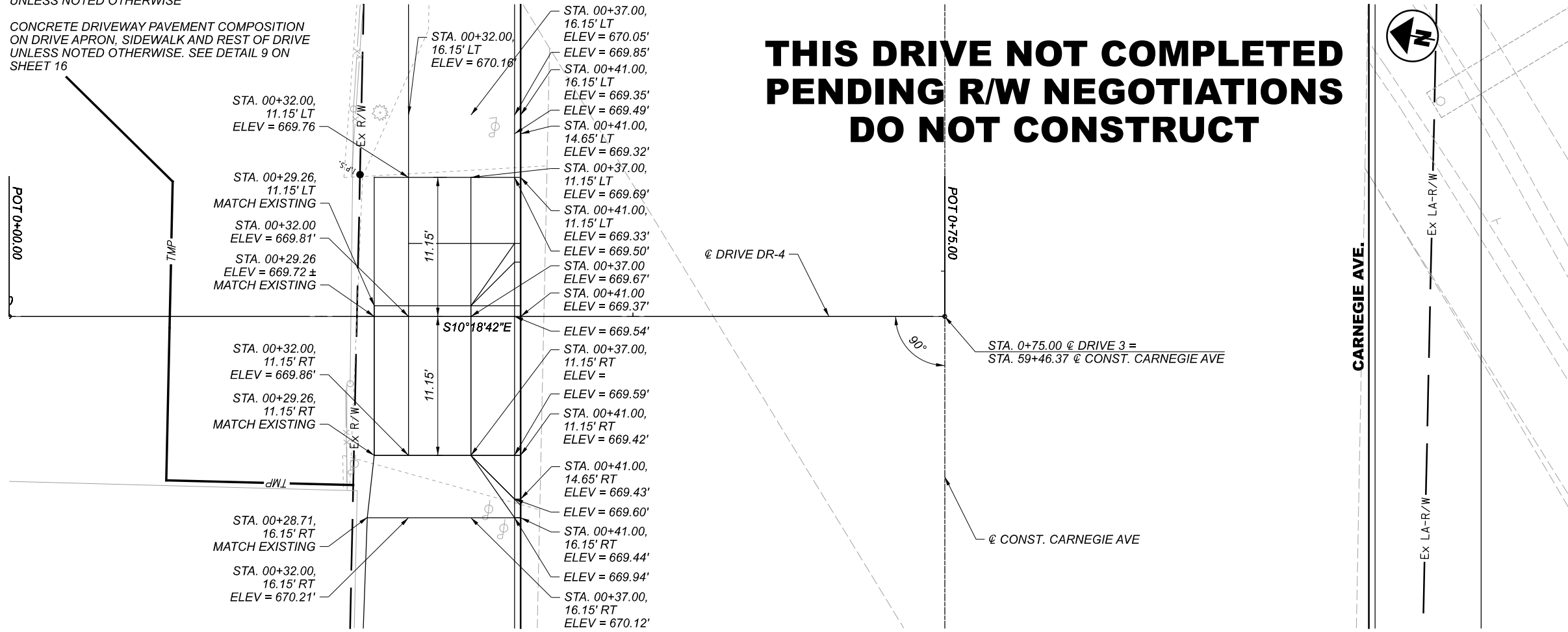
REVIEWER

PROJECT ID
 82382

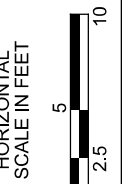
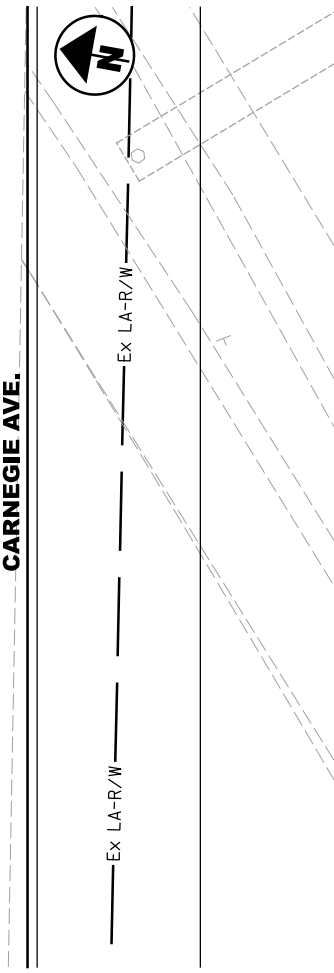
SHEET	TOTAL
875	2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16



**THIS DRIVE NOT COMPLETED
 PENDING R/W NEGOTIATIONS
 DO NOT CONSTRUCT**



**PLAN AND PROFILE - DRIVE DR-4
 CARNEGIE AVE. STA. 59+46.37**

DESIGN AGENCY

**Michael Baker
 INTERNATIONAL**

DESIGNER

REVIEWER

PROJECT ID

82382

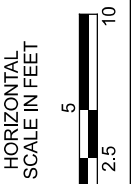
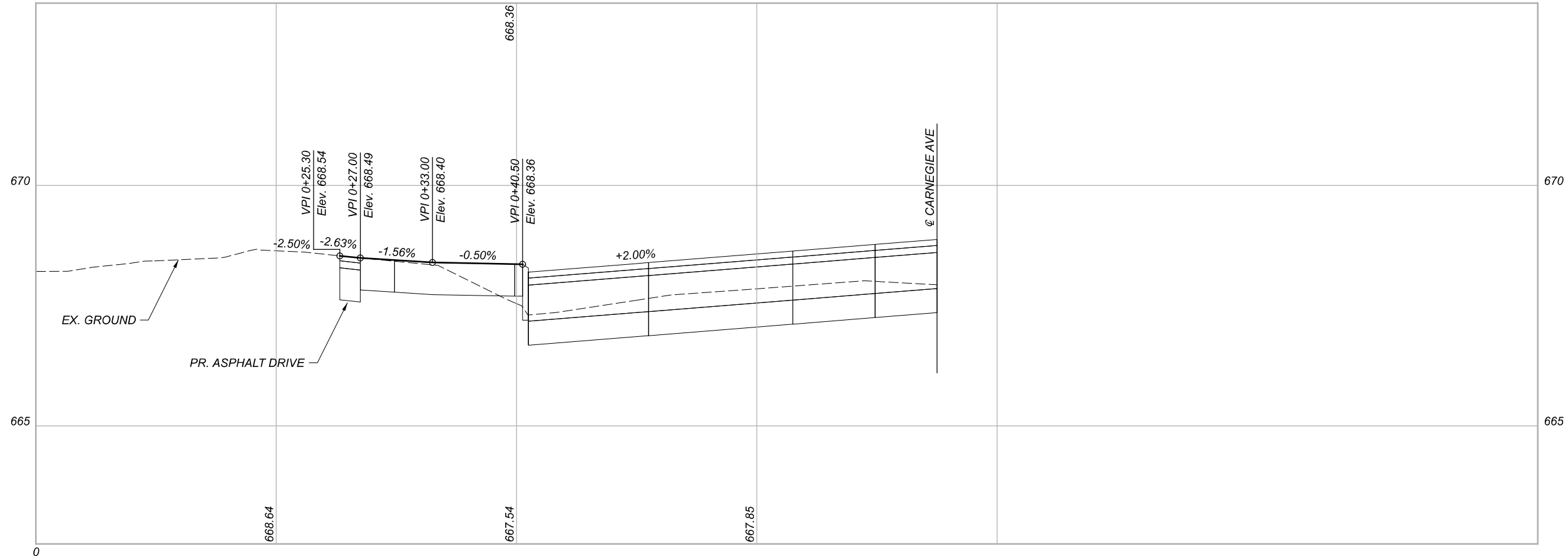
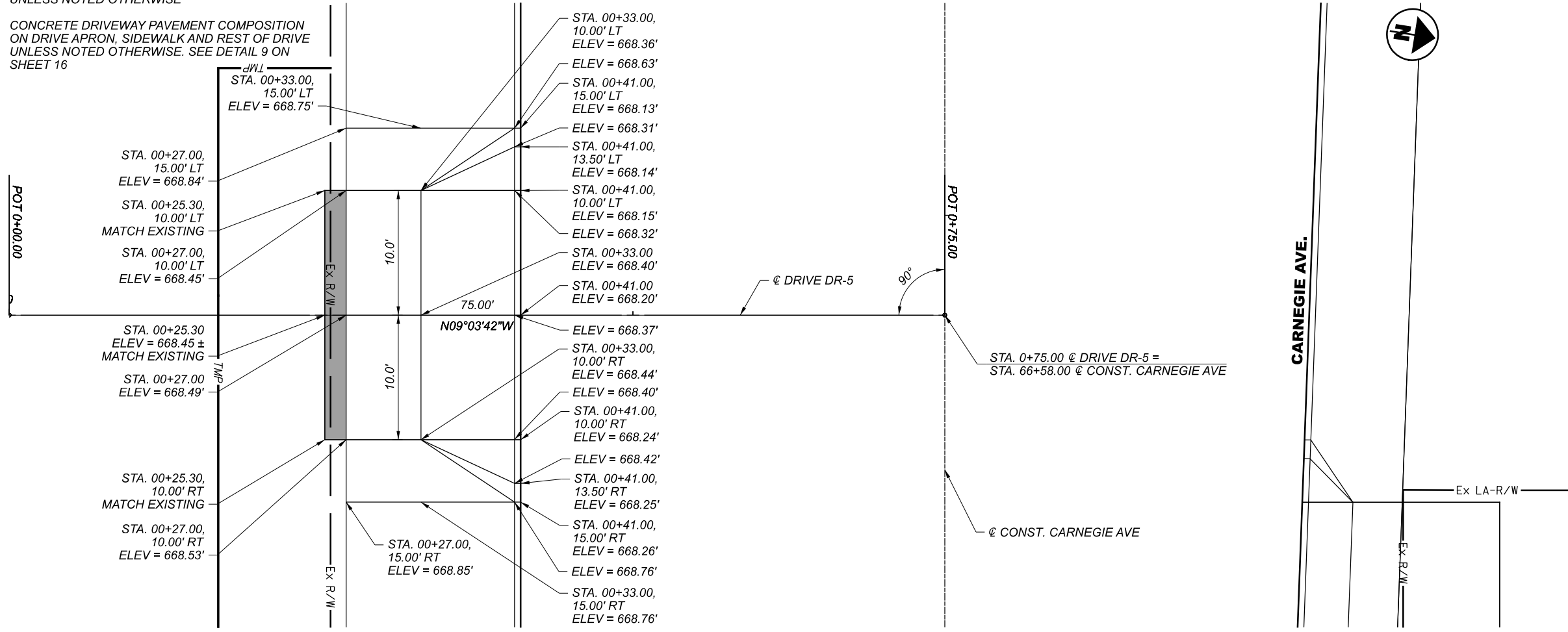
SHEET TOTAL

876 2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16

ASPHALT DRIVEWAY PAVEMENT COMPOSITION
 SEE DETAIL 8 ON SHEET 16



PLAN AND PROFILE - DRIVE DR-5
 CARNEGIE AVE. STA. 66+58.00

DESIGN AGENCY

Michael Baker
 INTERNATIONAL

DESIGNER

REVIEWER

PROJECT ID

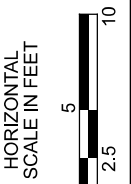
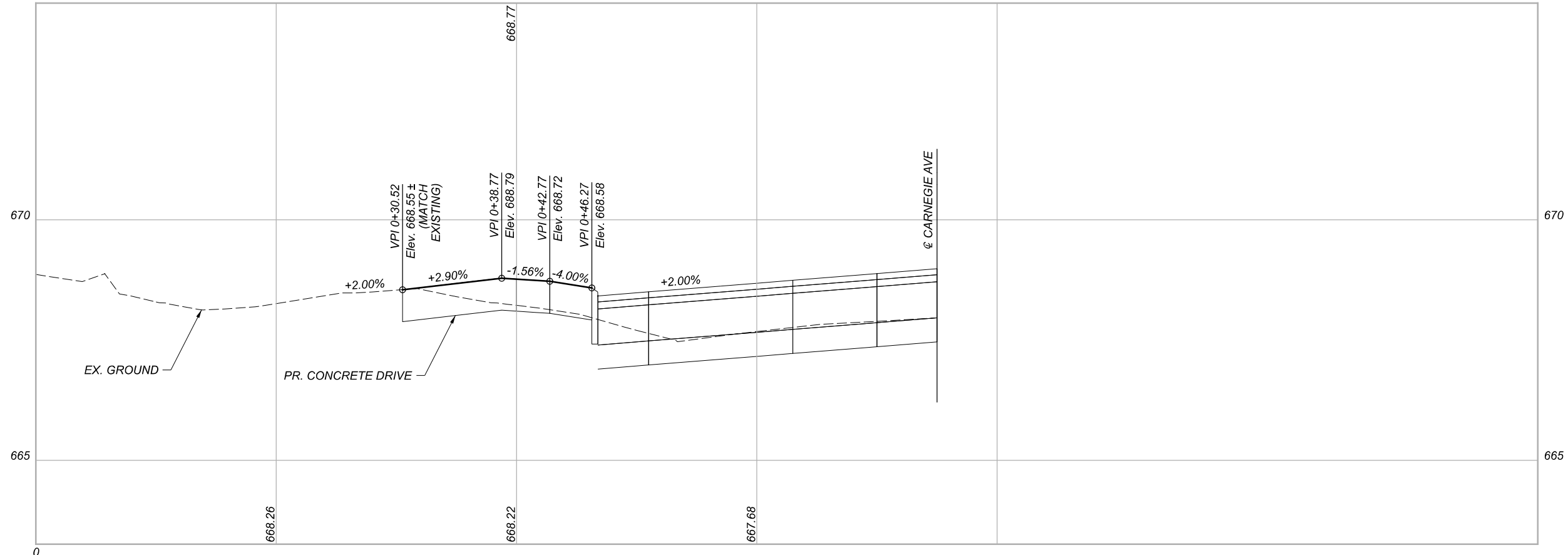
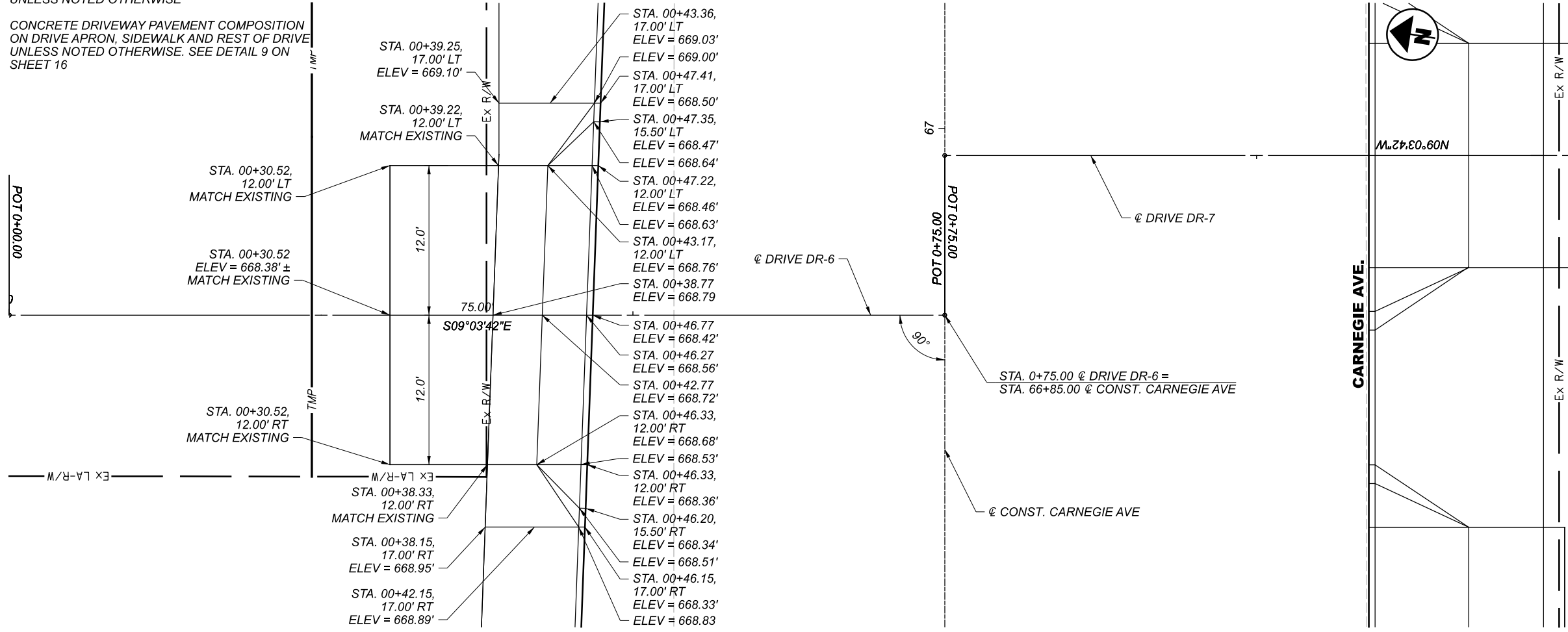
82382

SHEET TOTAL

877 2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16



PLAN AND PROFILE - DRIVE DR-6
 CARNEGIE AVE. STA. 66+85.00

DESIGN AGENCY

Michael Baker INTERNATIONAL

DESIGNER

REVIEWER

PROJECT ID

82382

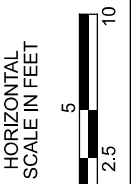
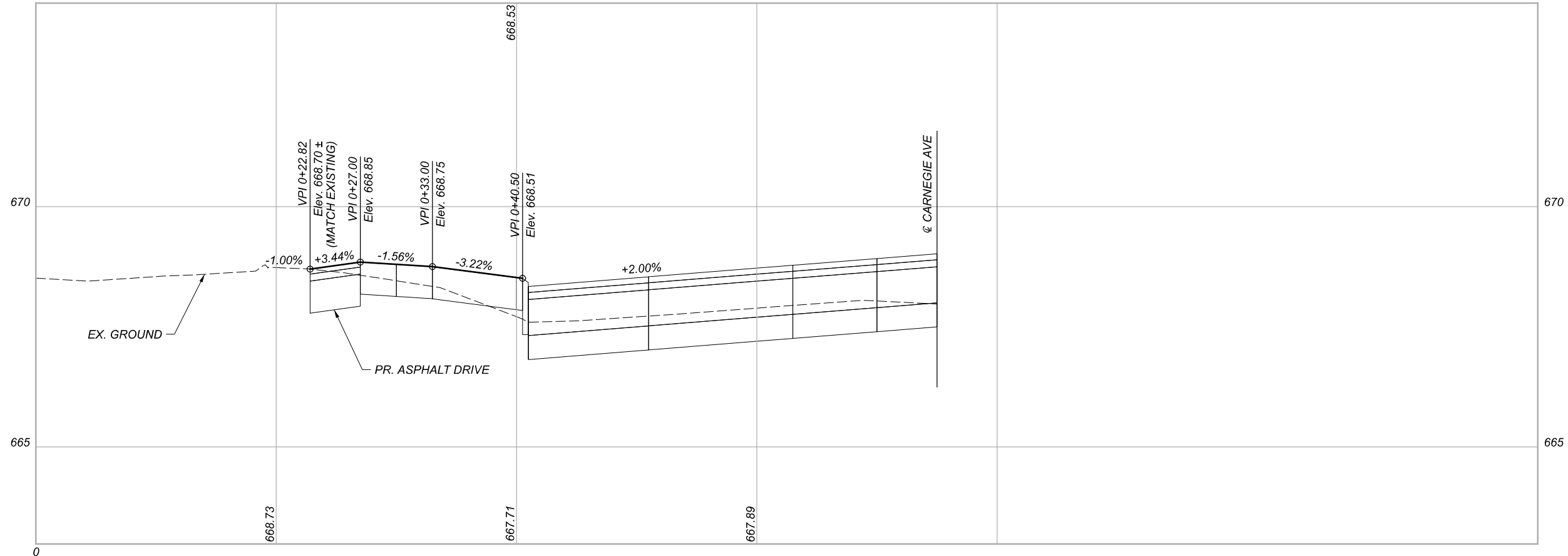
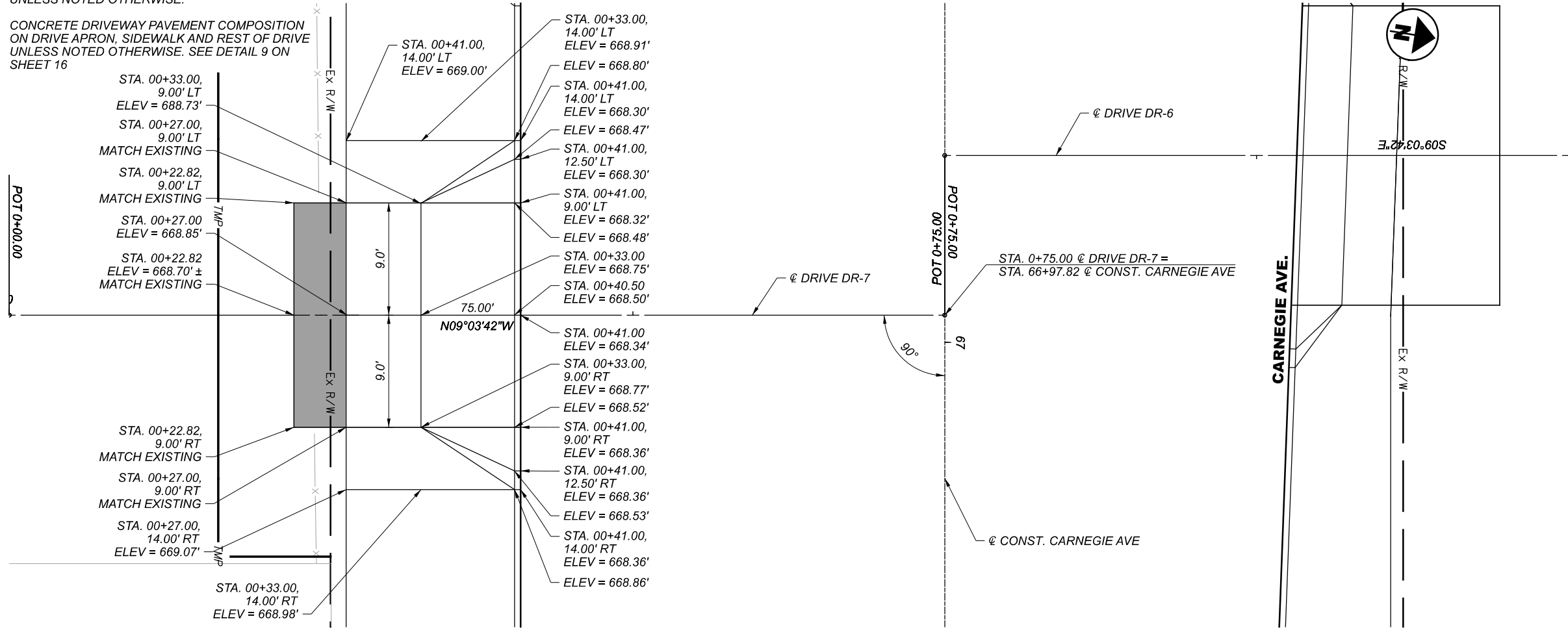
SHEET TOTAL

878 2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE.

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16

ASPHALT DRIVEWAY PAVEMENT COMPOSITION
 SEE DETAIL 8 ON SHEET 16



PLAN AND PROFILE - DRIVE DR-7
 CARNEGIE AVE. STA. 66+97.82

DESIGN AGENCY

Michael Baker
 INTERNATIONAL

DESIGNER

REVIEWER

PROJECT ID

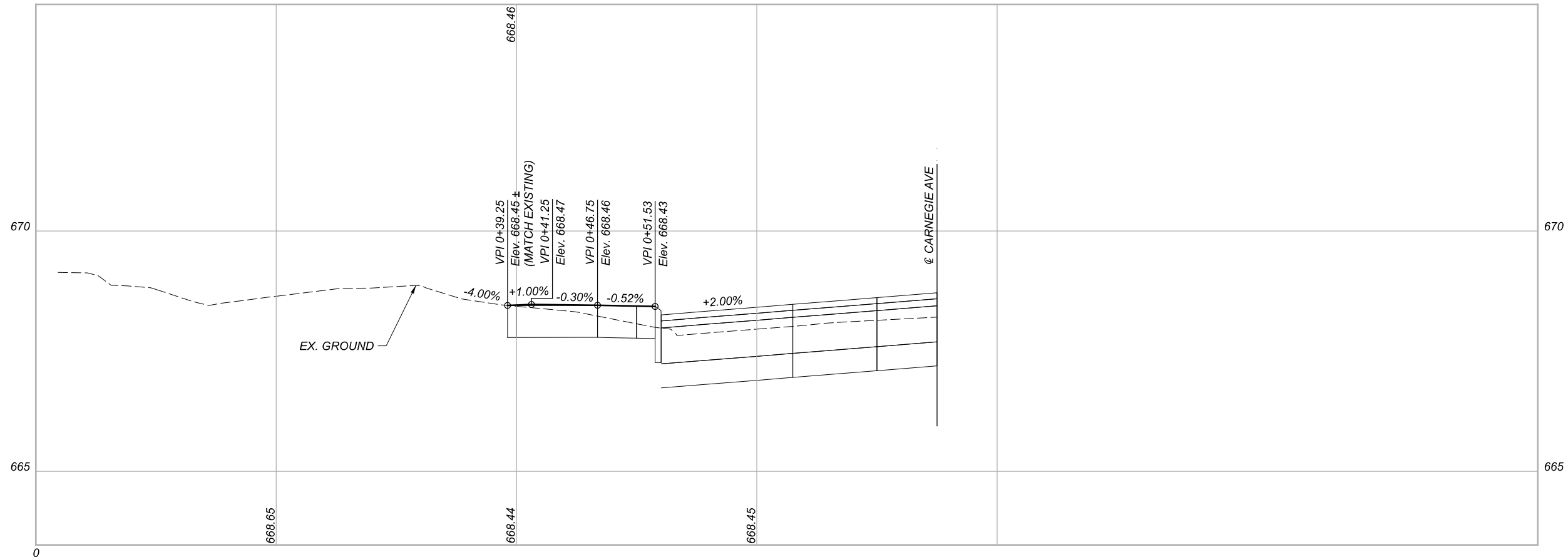
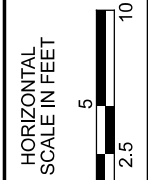
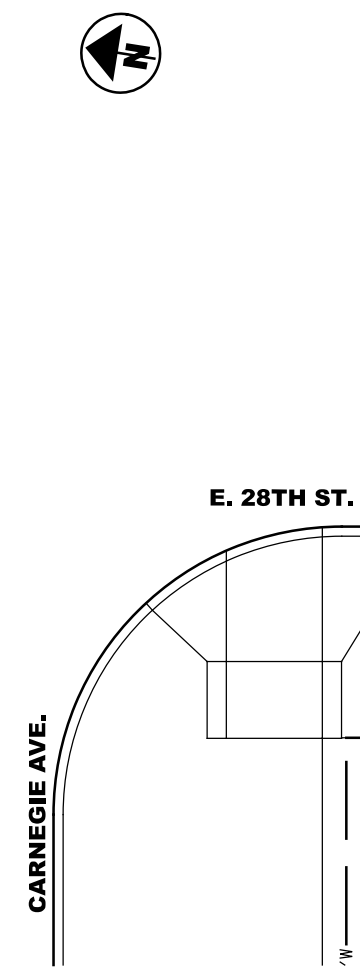
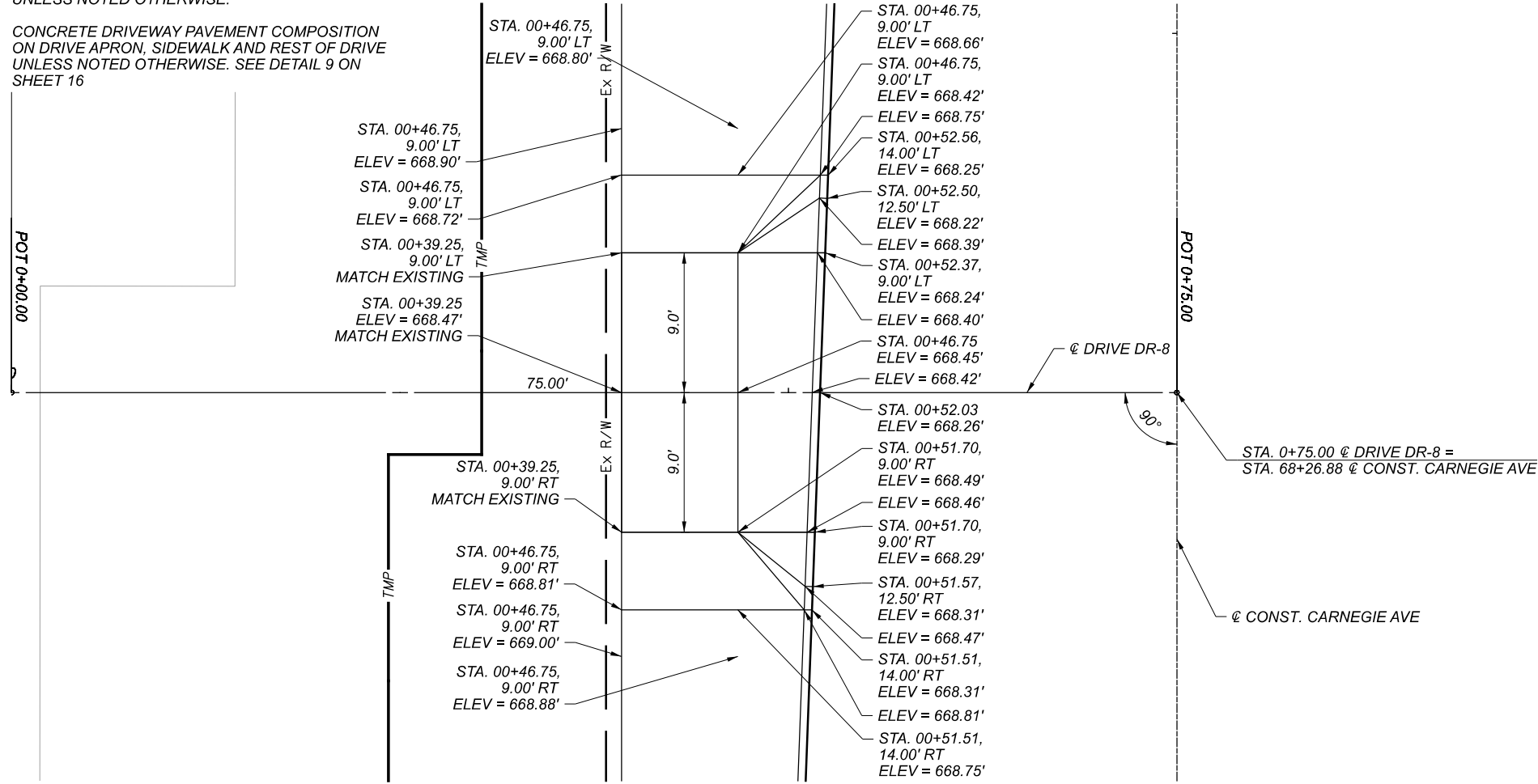
82382

SHEET TOTAL

879 2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE.

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16



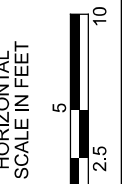
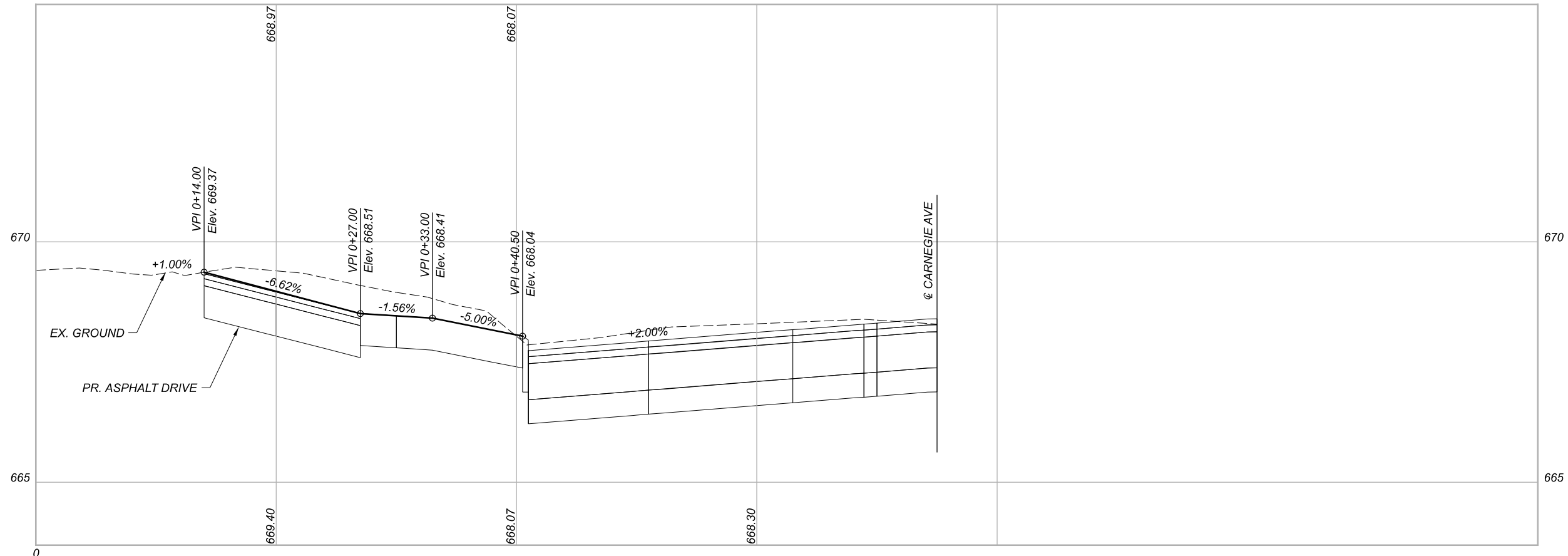
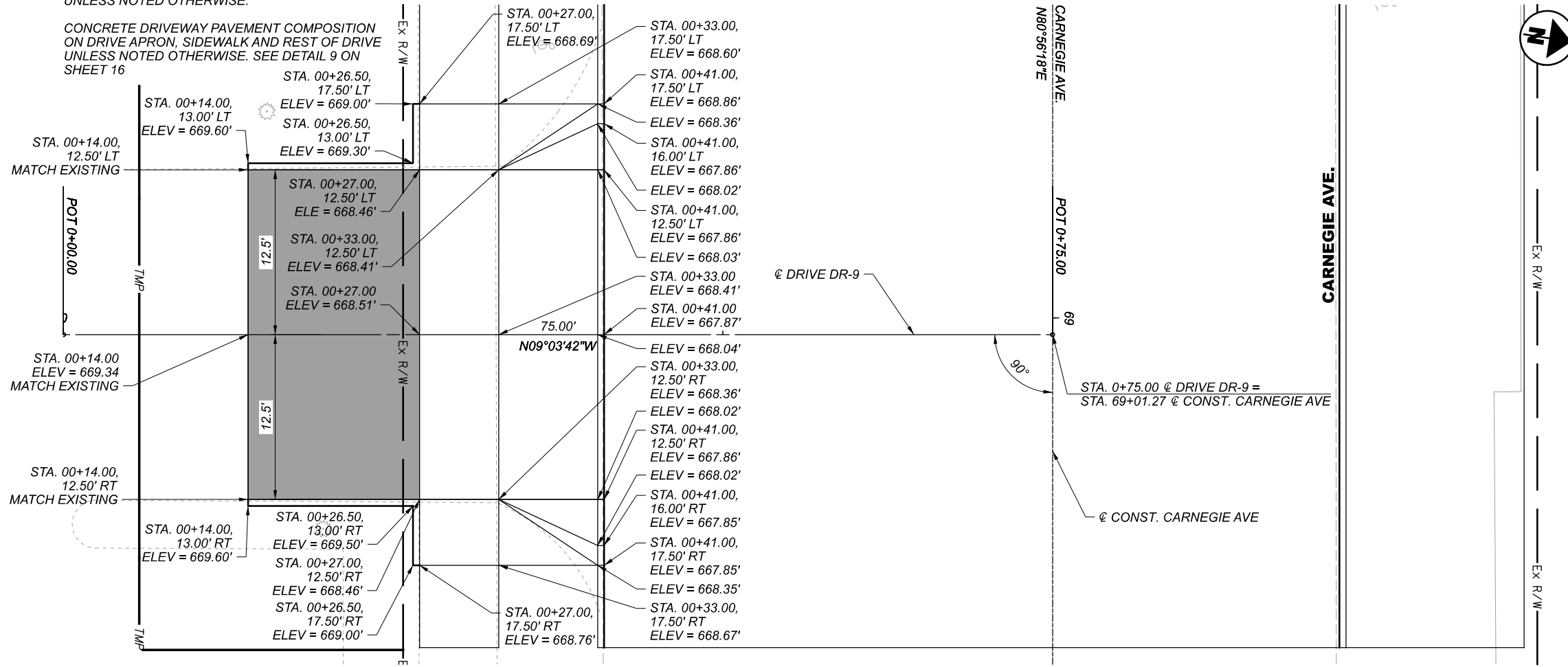
PLAN AND PROFILE - DRIVE DR-8
 CARNEGIE AVE. STA. 68+26.88

DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	--
REVIEWER	--
PROJECT ID	82382
SHEET	880
TOTAL	2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE.

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16

ASPHALT DRIVEWAY PAVEMENT COMPOSITION
 SEE DETAIL 8 ON SHEET 16



PLAN AND PROFILE - DRIVE DR-9
 CARNEGIE AVE. STA. 69+01.27

DESIGN AGENCY

Michael Baker
 INTERNATIONAL

DESIGNER

REVIEWER

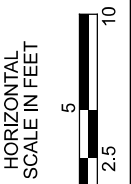
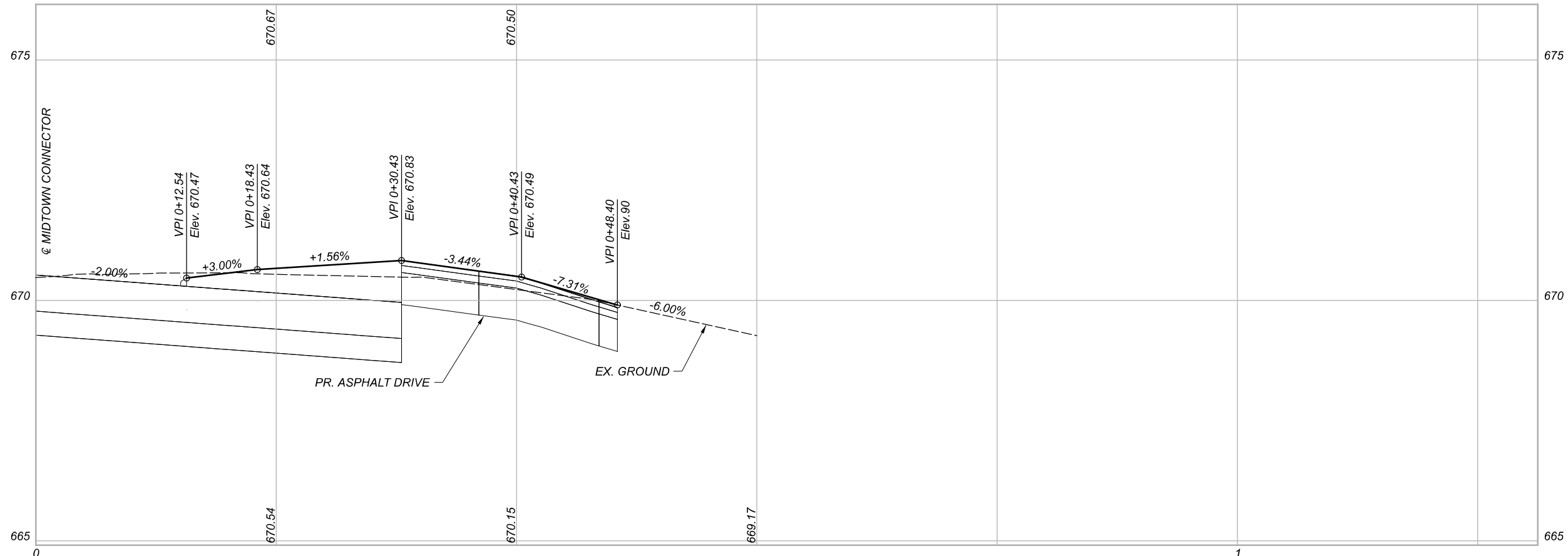
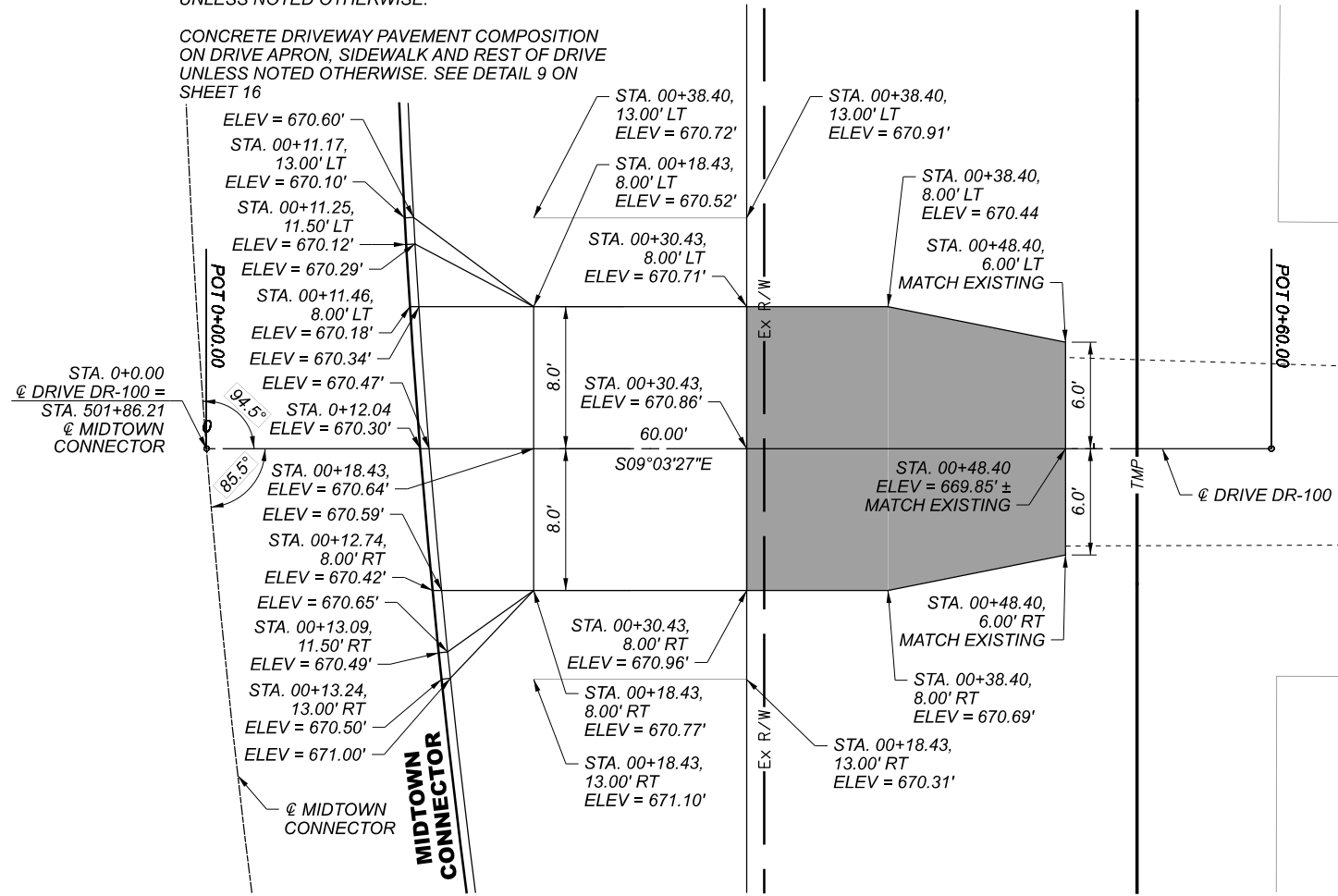
PROJECT ID
 82382

SHEET TOTAL
 881 2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE.

ASPHALT DRIVEWAY PAVEMENT COMPOSITION
 SEE DETAIL 8 ON SHEET 16

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16



PLAN AND PROFILE - DRIVE DR-100
 MIDTOWN CONNECTOR - STA. 501+86.21

DESIGN AGENCY

Michael Baker
 INTERNATIONAL

DESIGNER

REVIEWER

PROJECT ID

82382

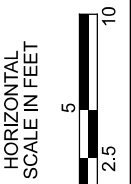
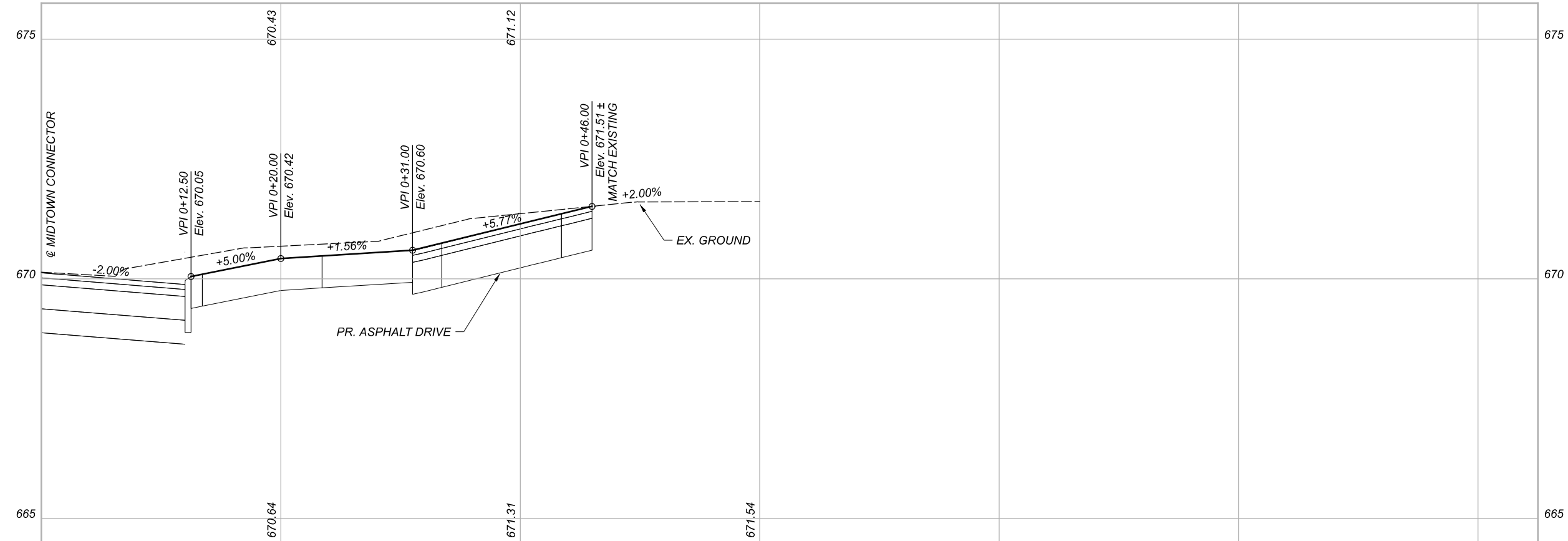
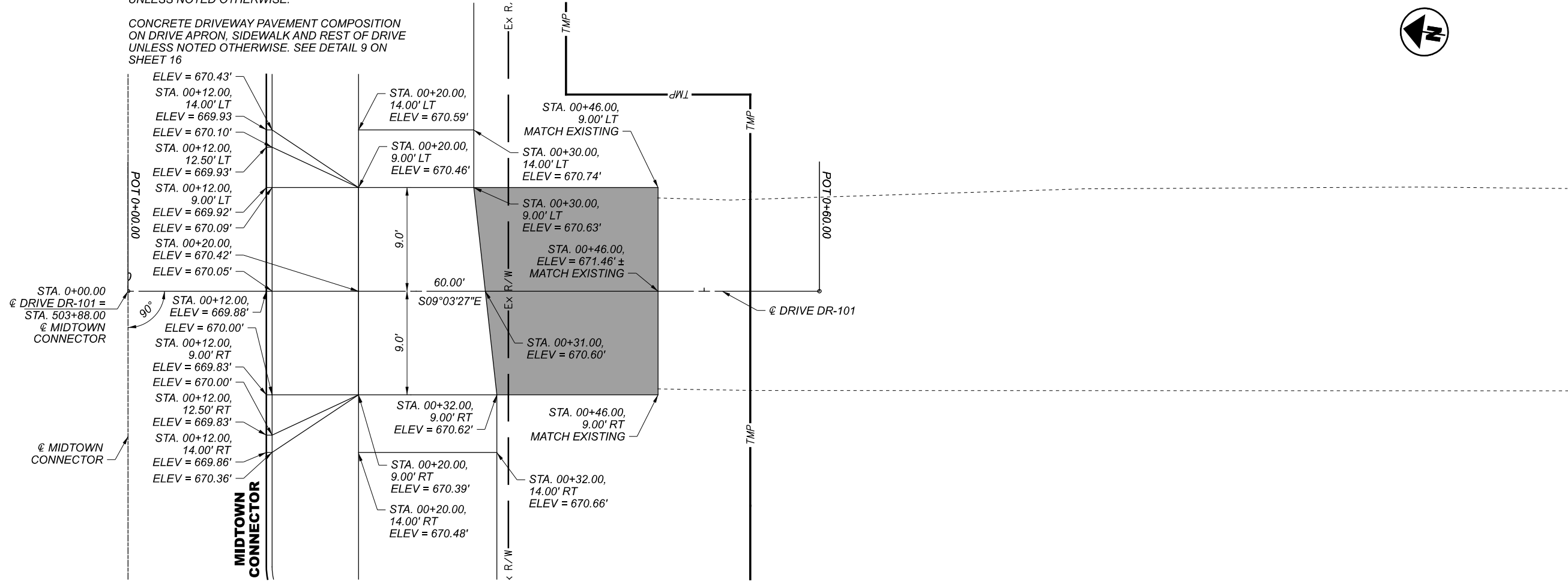
SHEET TOTAL

882 2339

NOTES:
 STA./OFFSET OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE.

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16

ASPHALT DRIVEWAY PAVEMENT COMPOSITION
 SEE DETAIL 8 ON SHEET 16



PLAN AND PROFILE - DRIVE DR-101
 MIDTOWN CONNECTOR - STA. 503+88.00

DESIGN AGENCY

Michael Baker
 INTERNATIONAL

DESIGNER

REVIEWER

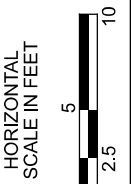
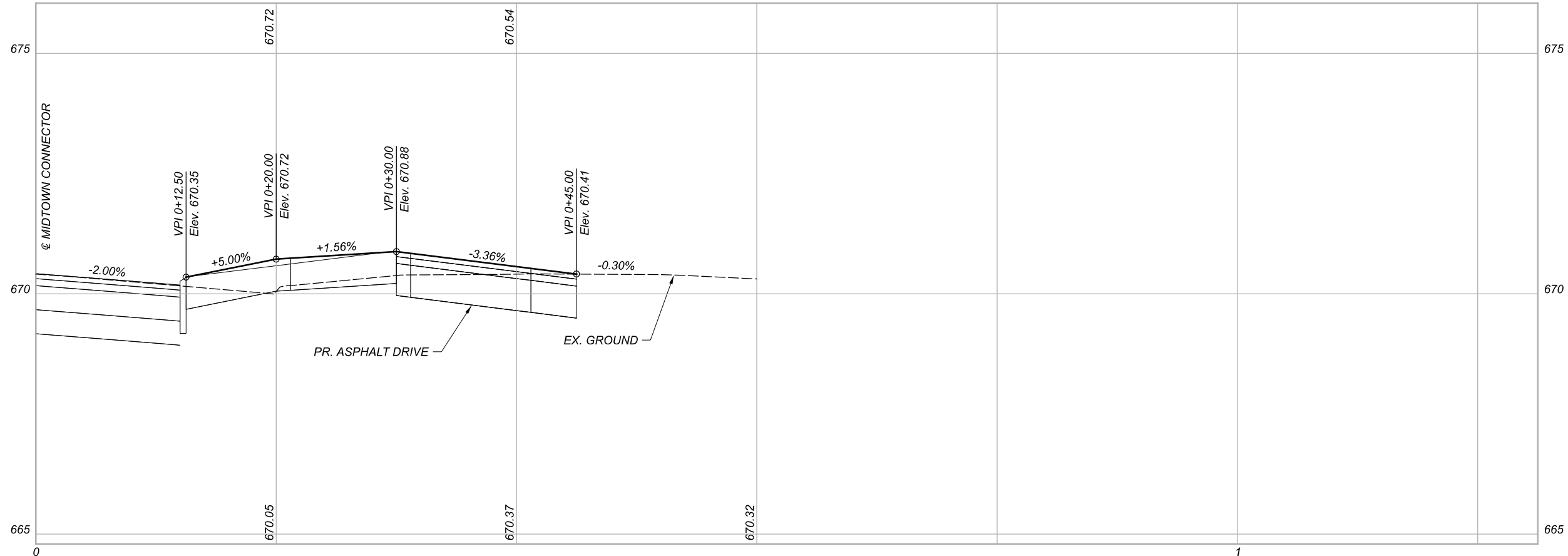
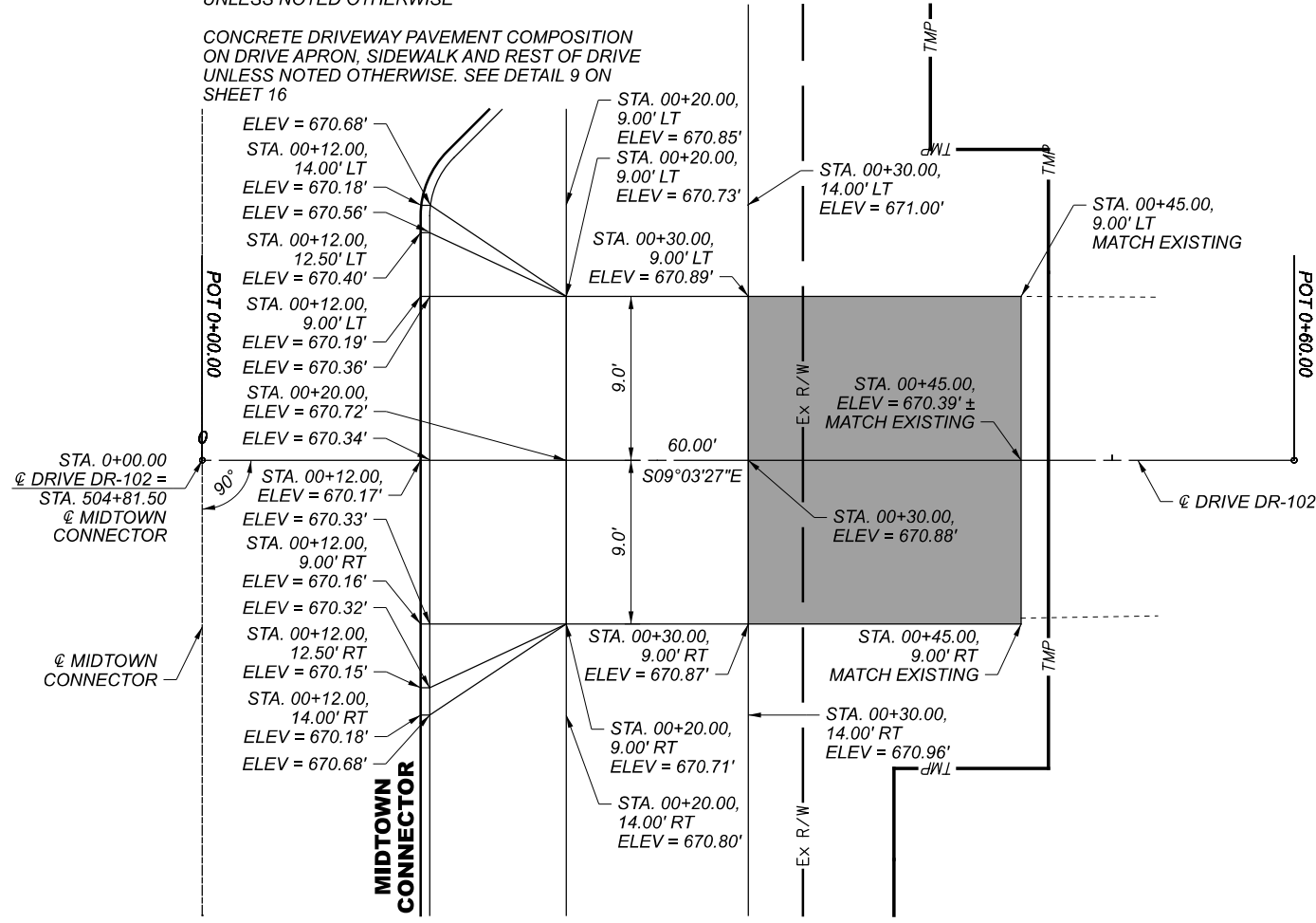
PROJECT ID
 82382

SHEET TOTAL
 883 2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE

ASPHALT DRIVEWAY PAVEMENT COMPOSITION
 SEE DETAIL 8 ON SHEET 16

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16



PLAN AND PROFILE - DRIVE DR-102
 MIDTOWN CONNECTOR - STA. 504+81.50

DESIGN AGENCY

Michael Baker
 INTERNATIONAL

DESIGNER

REVIEWER

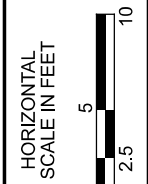
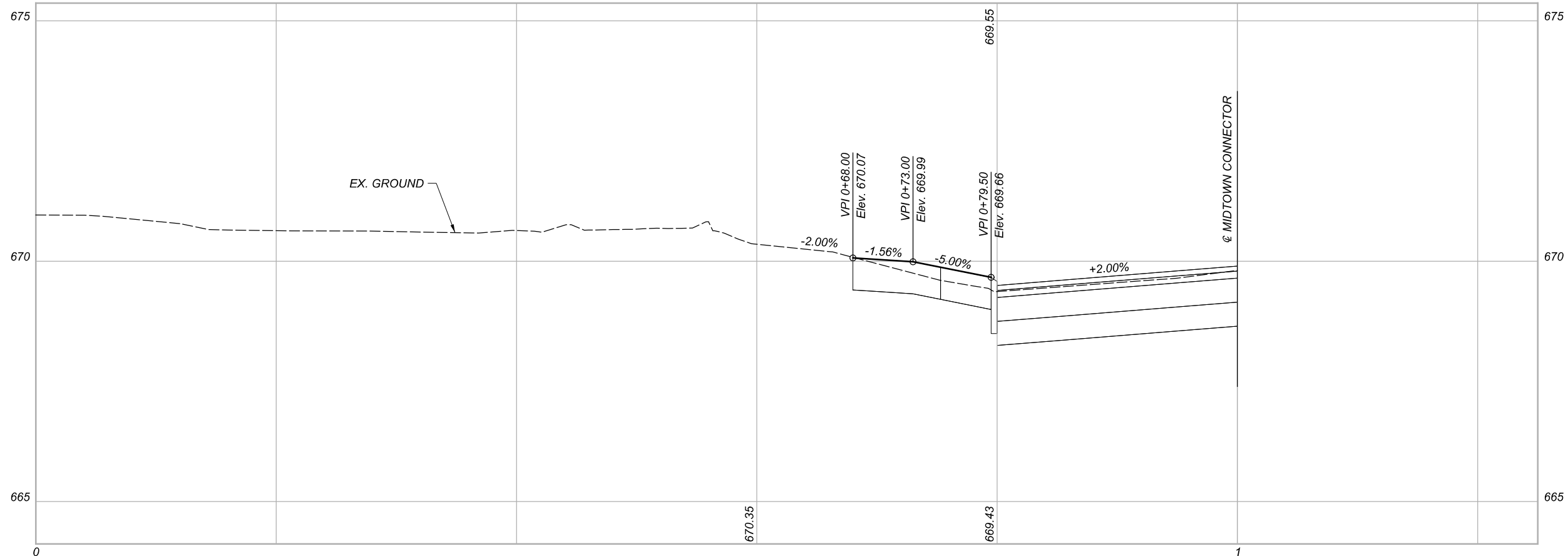
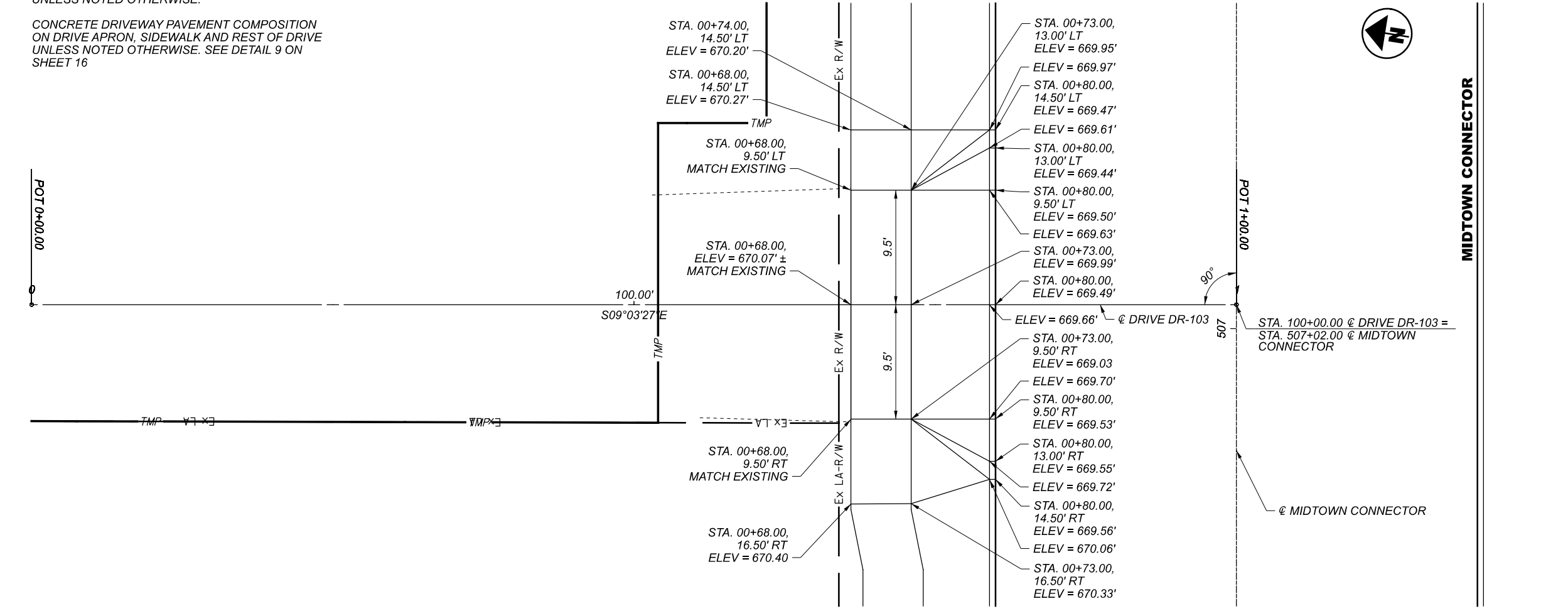
PROJECT ID

82382

SHEET TOTAL

884 2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE.
 CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16



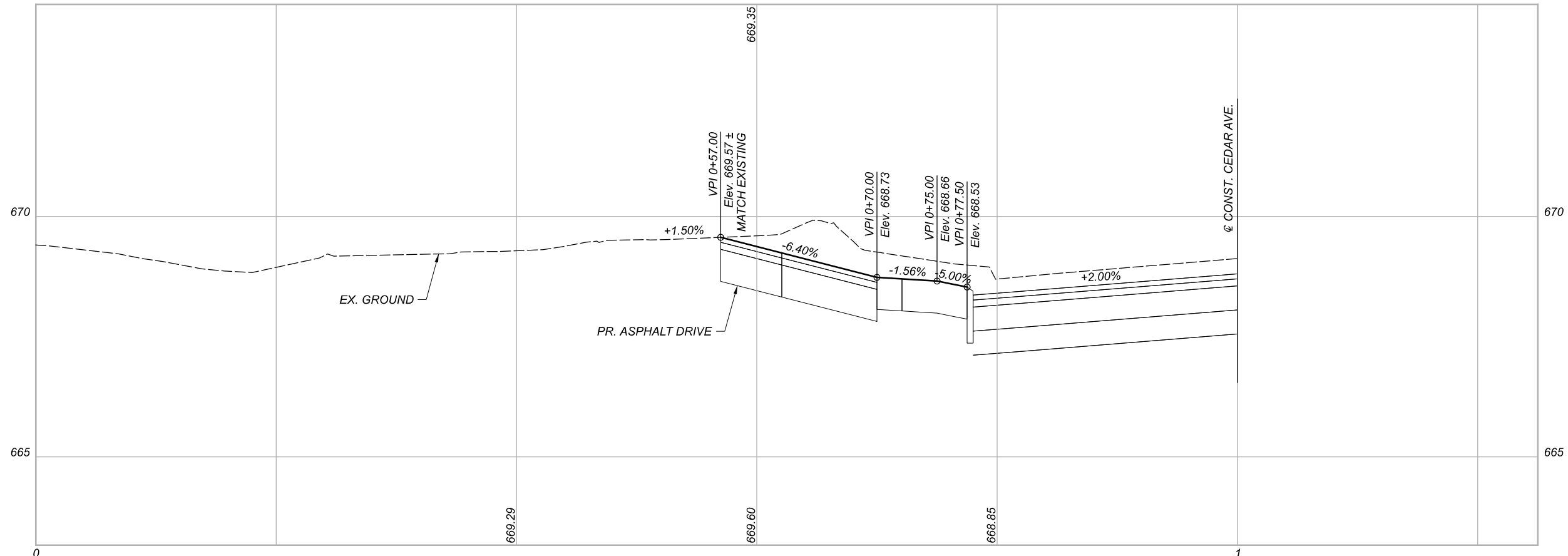
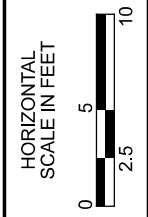
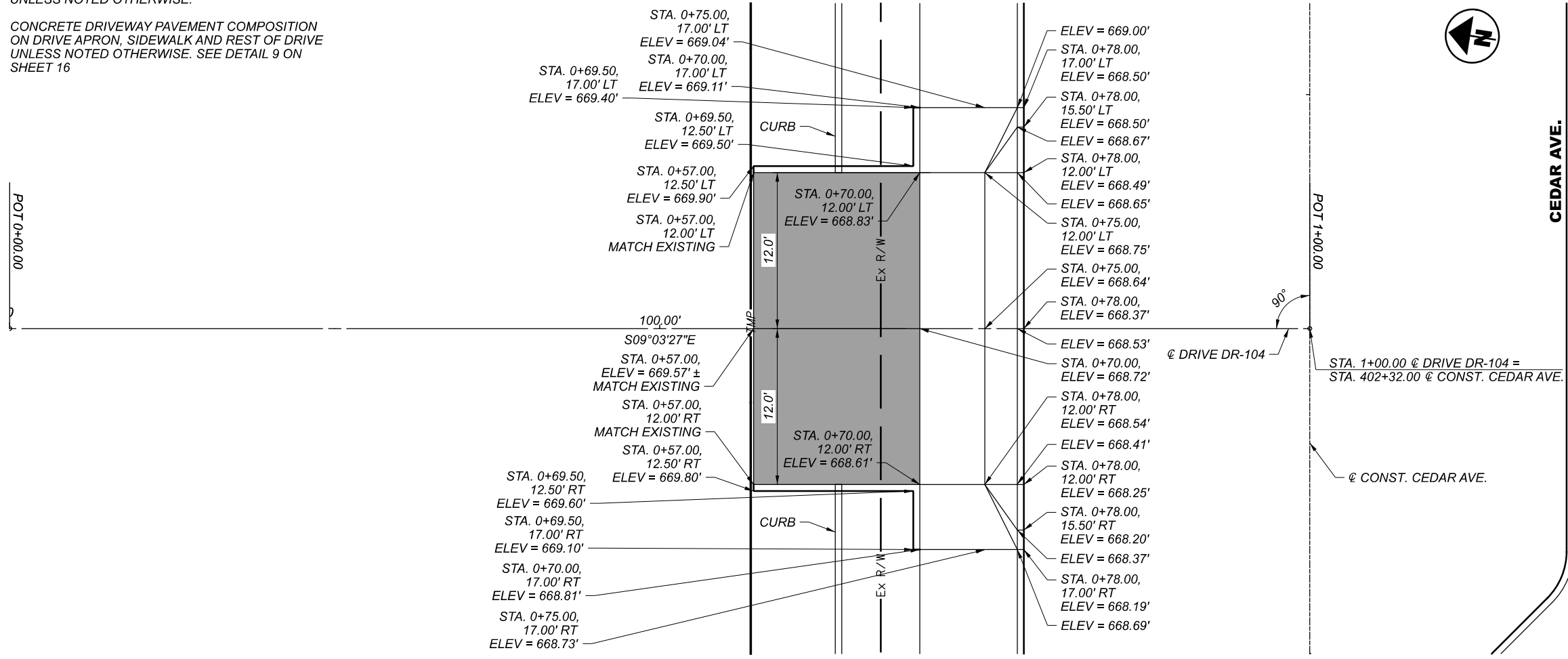
PLAN AND PROFILE - DRIVE DR-103
 MIDTOWN CONNECTOR - STA. 507+02.00

DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	--
REVIEWER	--
PROJECT ID	82382
SHEET	885
TOTAL	2339

NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE.

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16

ASPHALT DRIVEWAY PAVEMENT COMPOSITION
 SEE DETAIL 8 ON SHEET 16



PLAN AND PROFILE - DRIVE DR-104
 CEDAR AVE - STA. 402+32.00

DESIGN AGENCY

Michael Baker
 INTERNATIONAL

DESIGNER

REVIEWER

PROJECT ID

82382

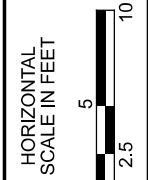
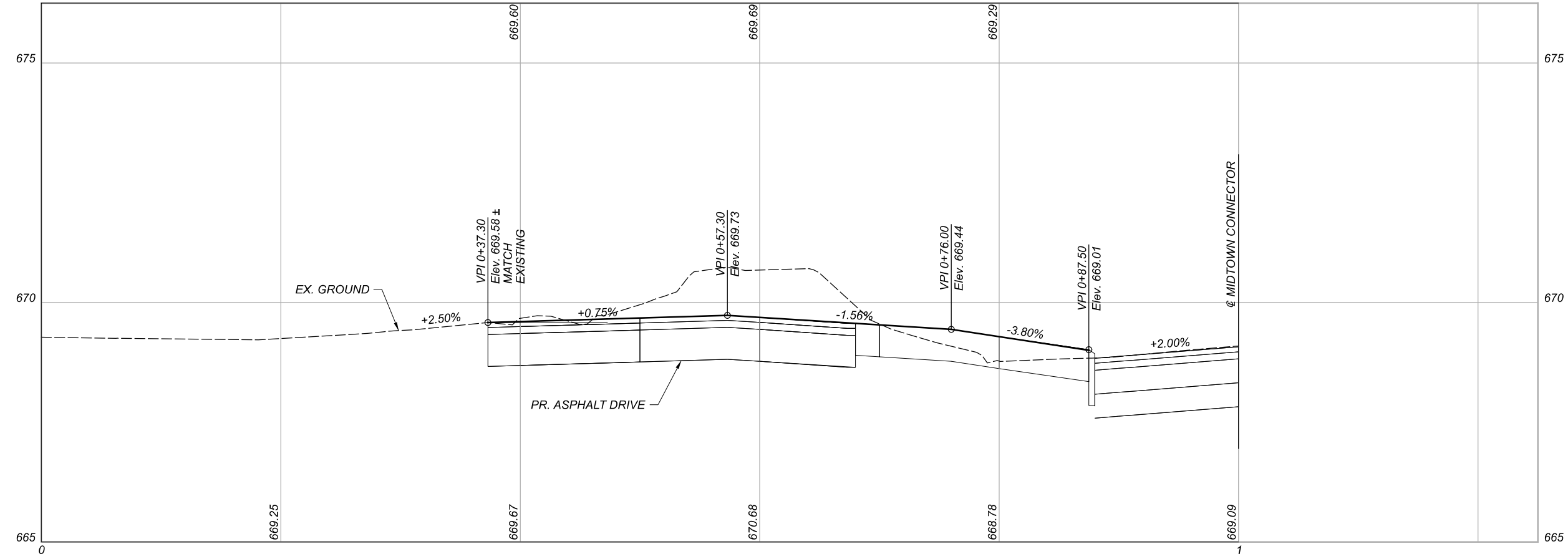
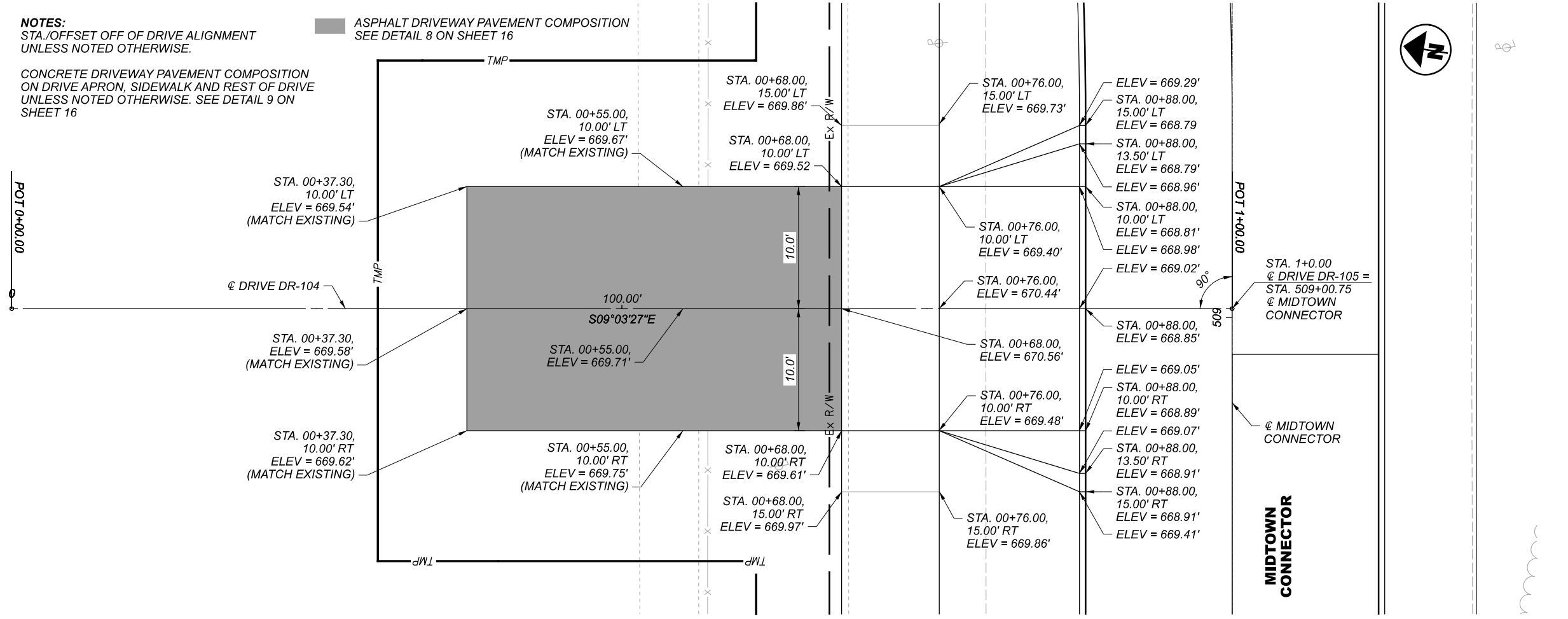
SHEET TOTAL

886 2339

NOTES:
 STA./OFFSET OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE.

CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16

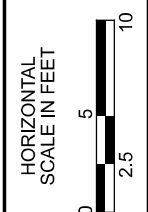
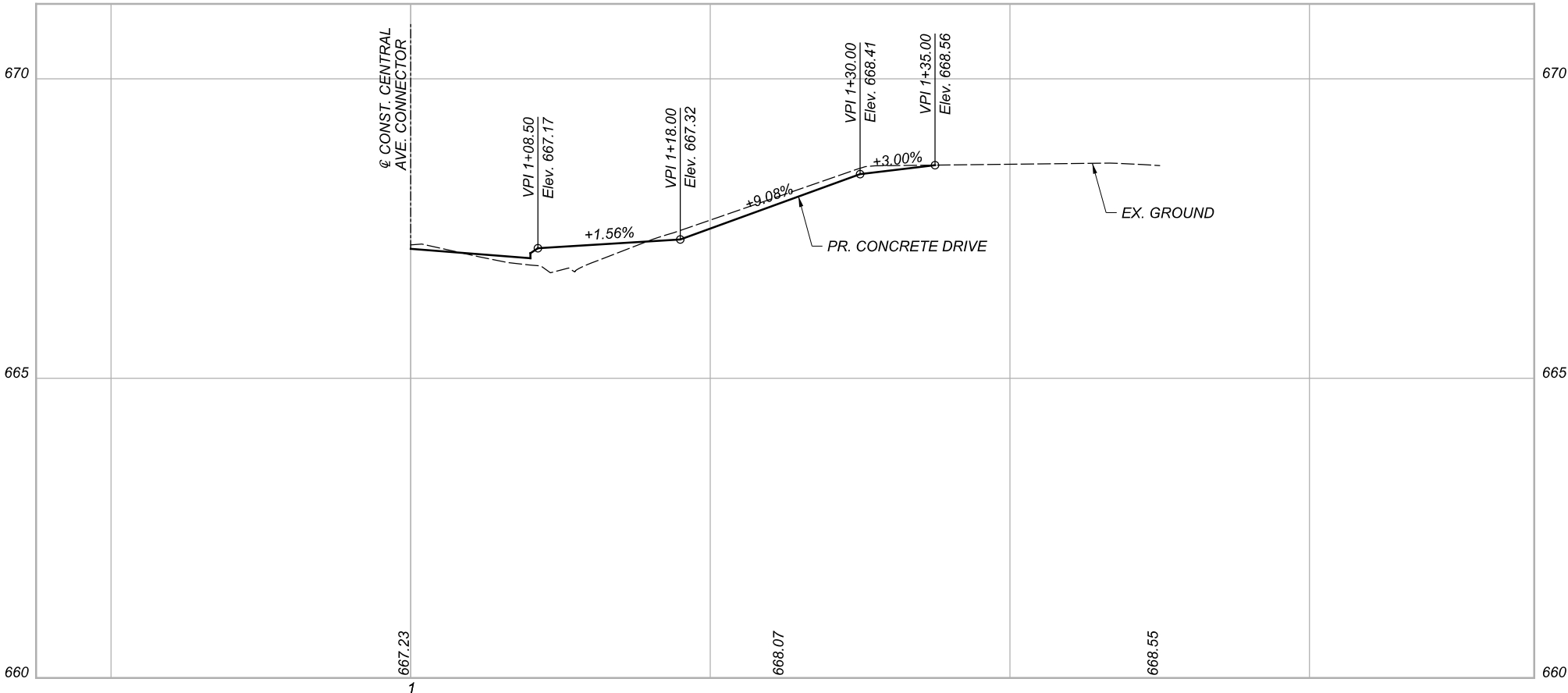
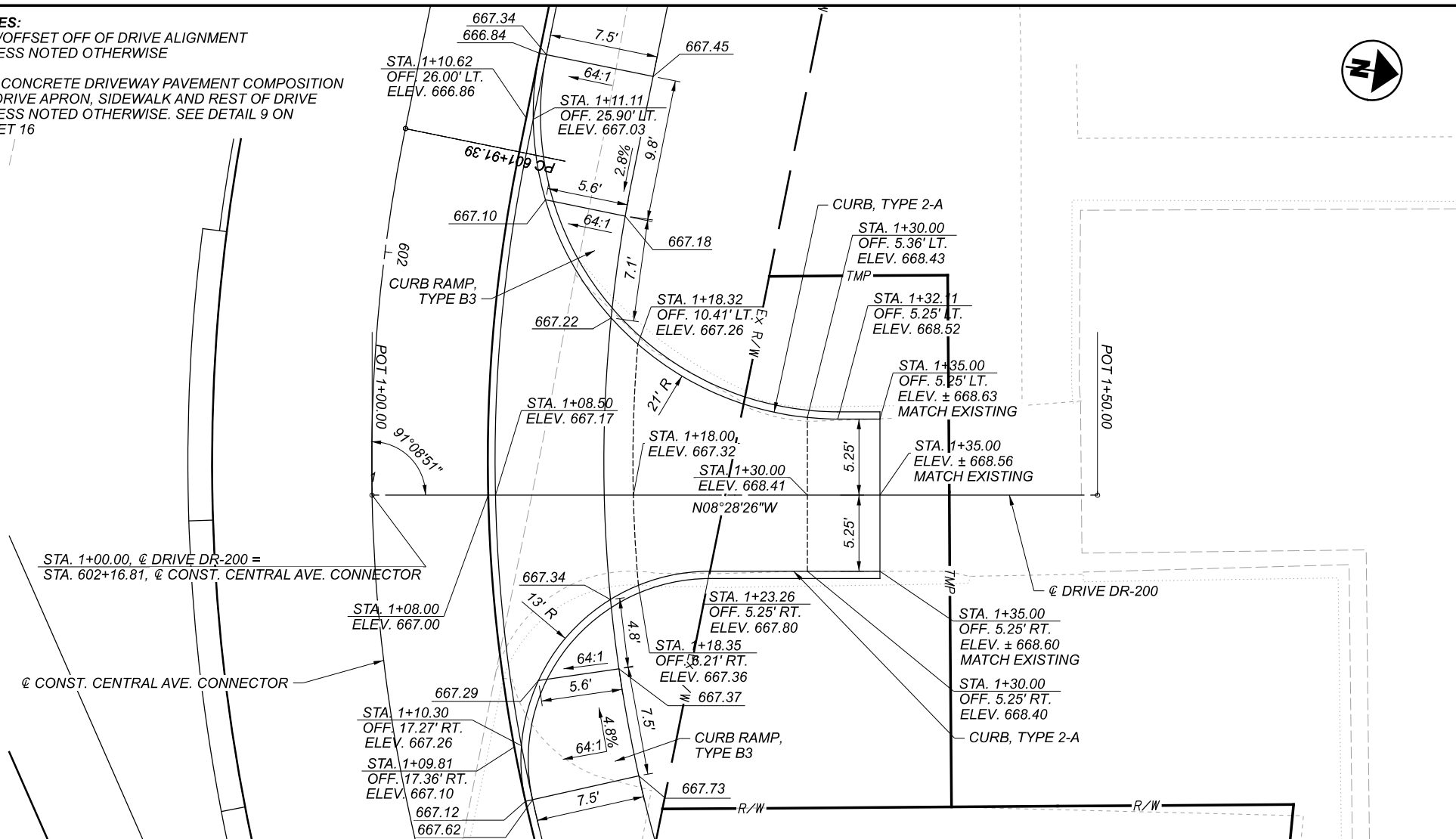
ASPHALT DRIVEWAY PAVEMENT COMPOSITION
 SEE DETAIL 8 ON SHEET 16



PLAN AND PROFILE - DRIVE DR-105
 MIDTOWN CONNECTOR - 509+00.75

DESIGN AGENCY	
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET TOTAL	82339

NOTES:
 STA./OFFSET OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE
 USE CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16

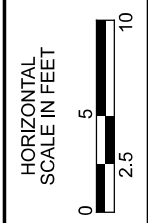
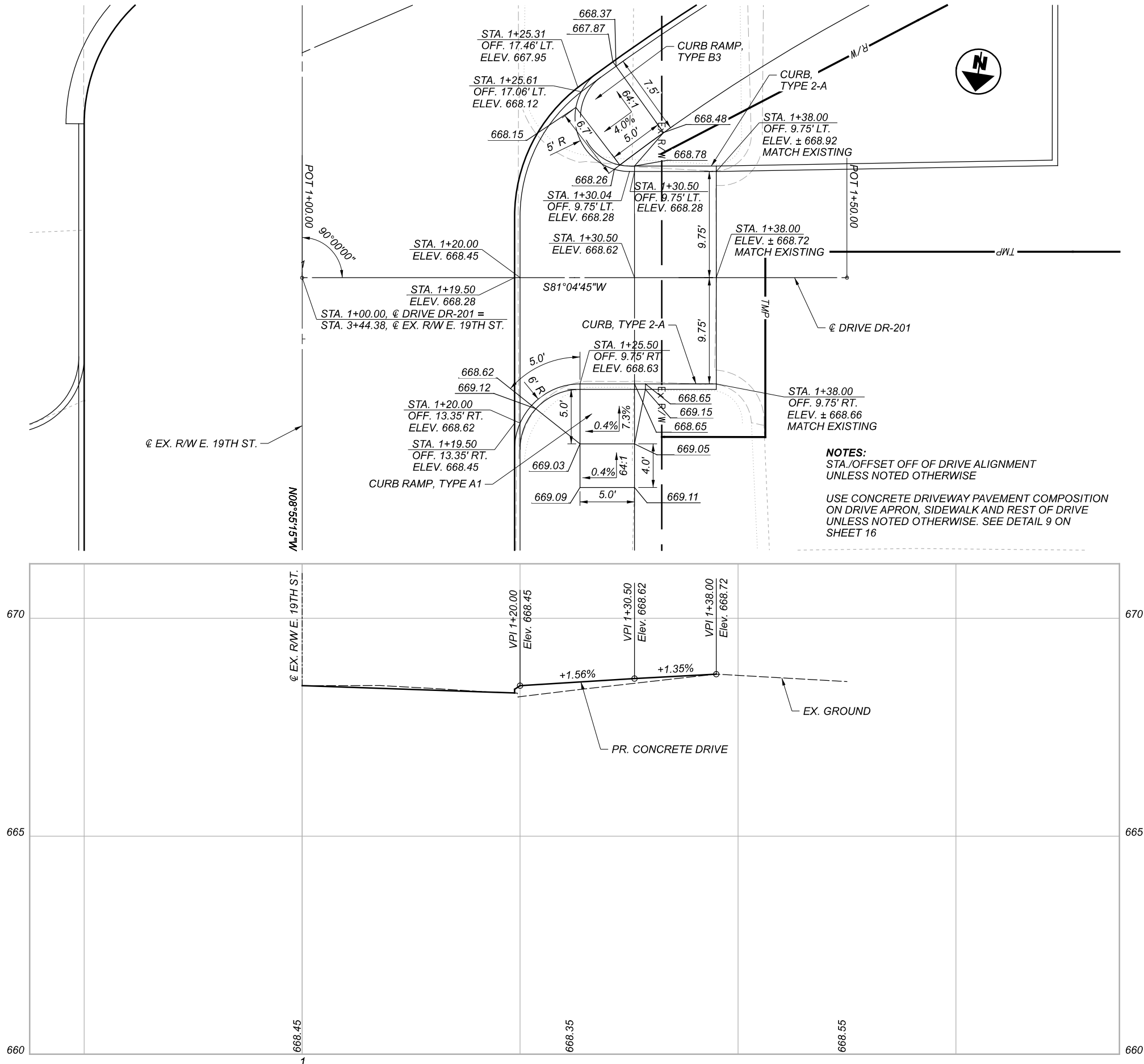


PLAN AND PROFILE - DRIVE DR-200
 CENTRAL AVE. CONNECTOR - STA. 602+16.81

DESIGN AGENCY



DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	82382
SHEET	TOTAL
888	2339

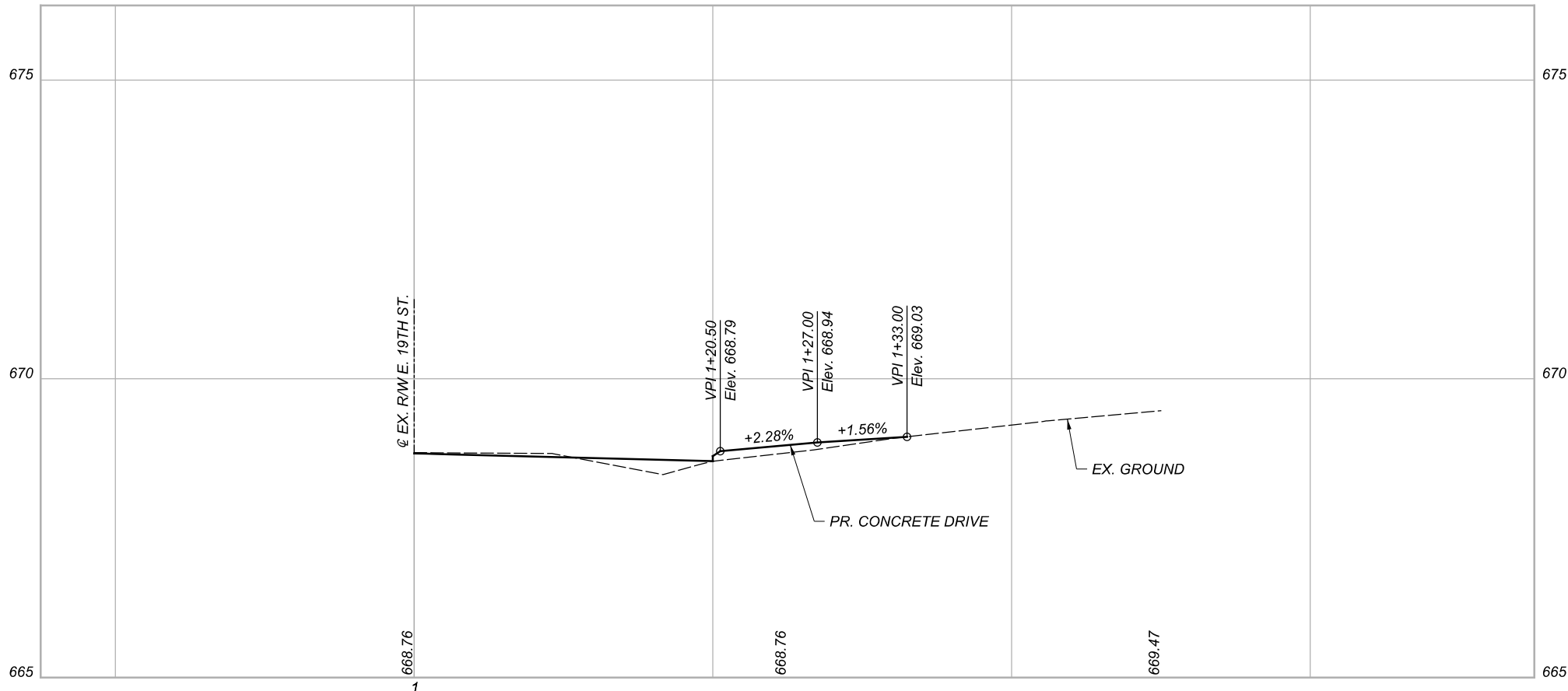
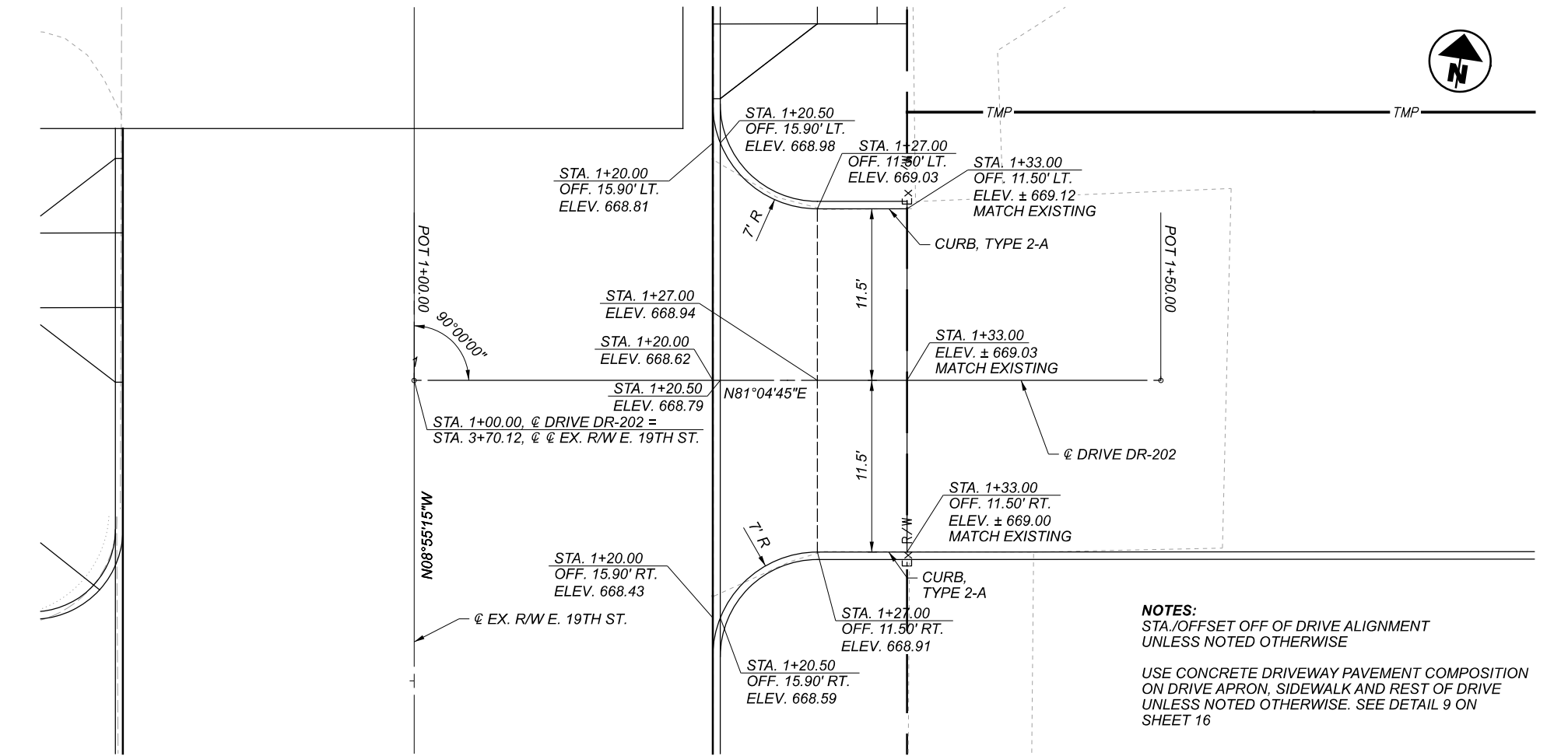


PLAN AND PROFILE - DRIVE DR-201
 EX. R/W E. 19TH ST. - STA. 3+44.38

DESIGN AGENCY

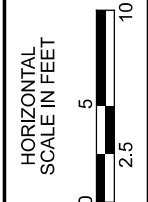


DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	82382
SHEET	TOTAL
889	2339



NOTES:
 STA./OFFSET OFF OF DRIVE ALIGNMENT
 UNLESS NOTED OTHERWISE

USE CONCRETE DRIVEWAY PAVEMENT COMPOSITION
 ON DRIVE APRON, SIDEWALK AND REST OF DRIVE
 UNLESS NOTED OTHERWISE. SEE DETAIL 9 ON
 SHEET 16

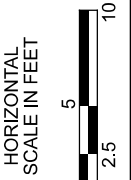
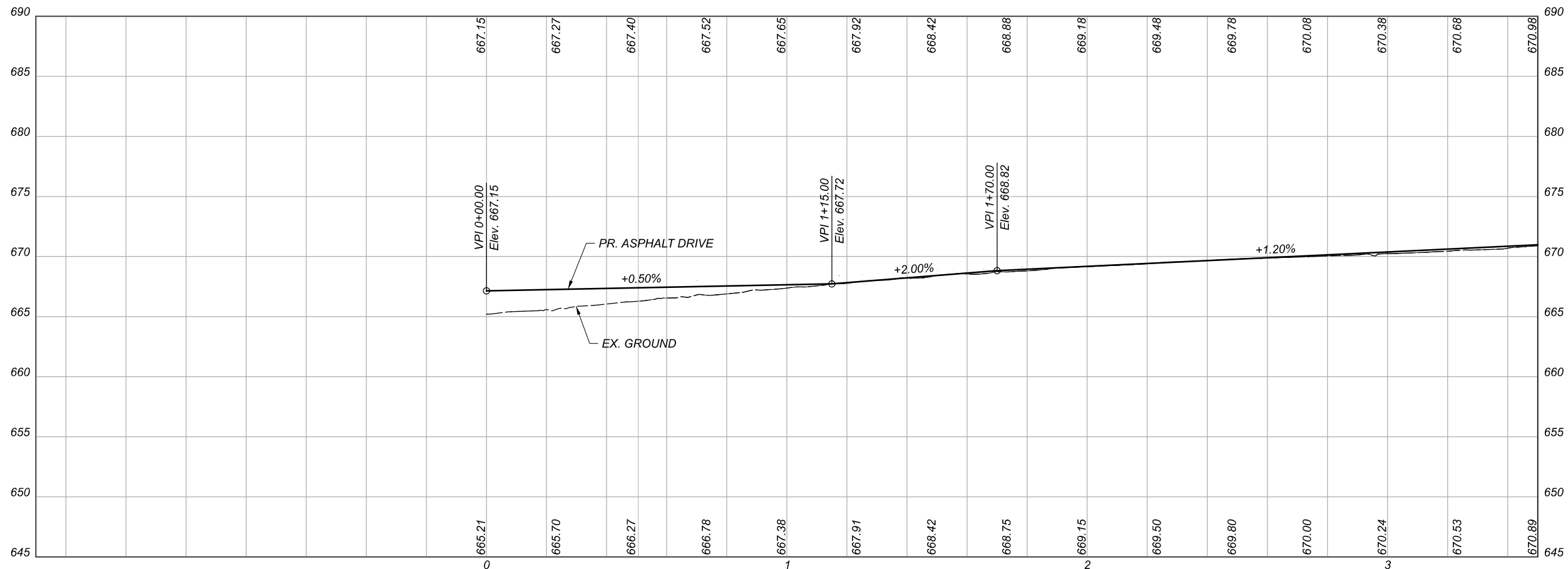
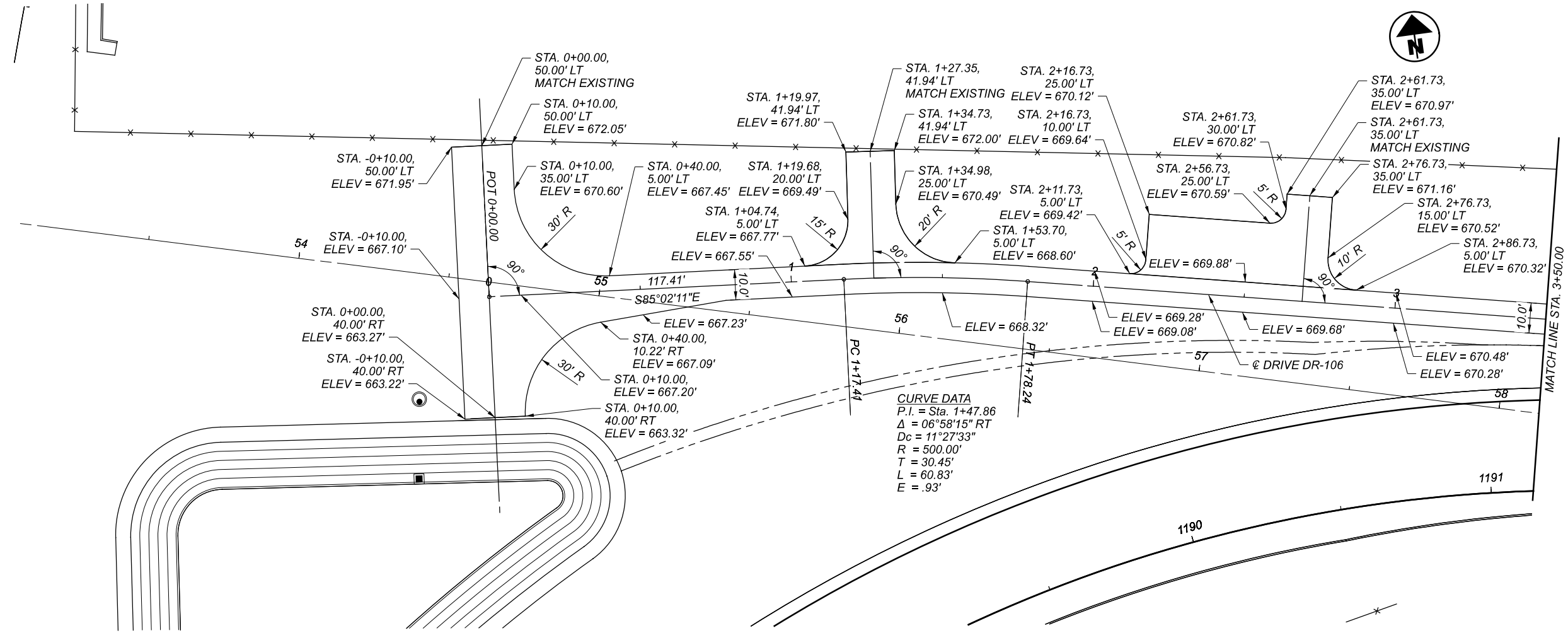


PLAN AND PROFILE - DRIVE DR-202
 EX. R/W E. 19TH ST. - STA. 3+70.12

DESIGN AGENCY

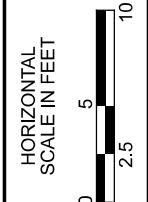
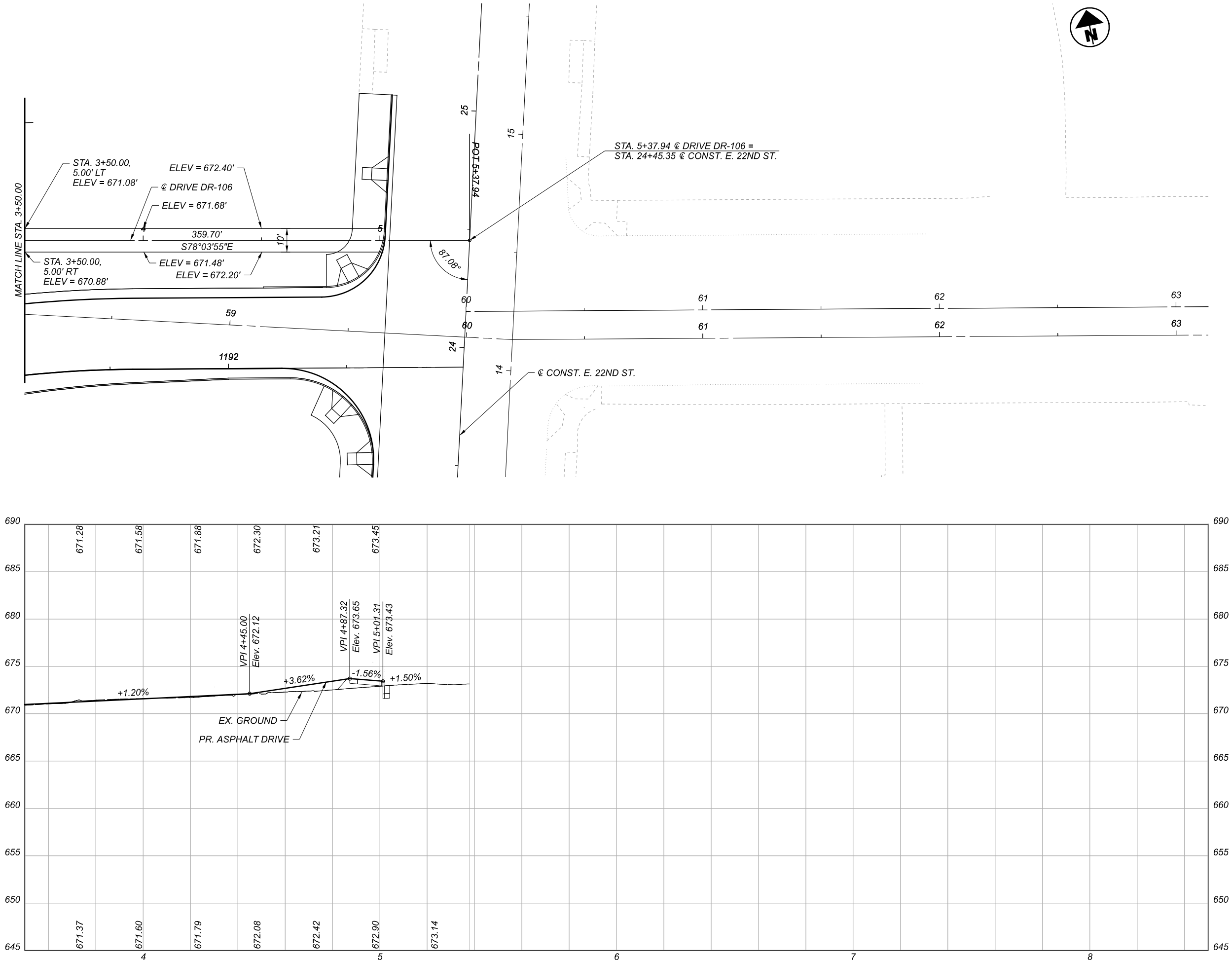


DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	82382
SHEET	TOTAL
890	2339



PLAN AND PROFILE - DRIVE DR-106A
 22ND ST. - STA. 5+37.94

DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	
REVIEWER	
PROJECT ID	82382
SHEET	891
TOTAL	2339



PLAN AND PROFILE - DRIVE DR-106B
 22ND ST. - STA. 5+37.94

DESIGN AGENCY	
DESIGNER	Michael Baker INTERNATIONAL
REVIEWER	
PROJECT ID	82382
SHEET	892
TOTAL	2339