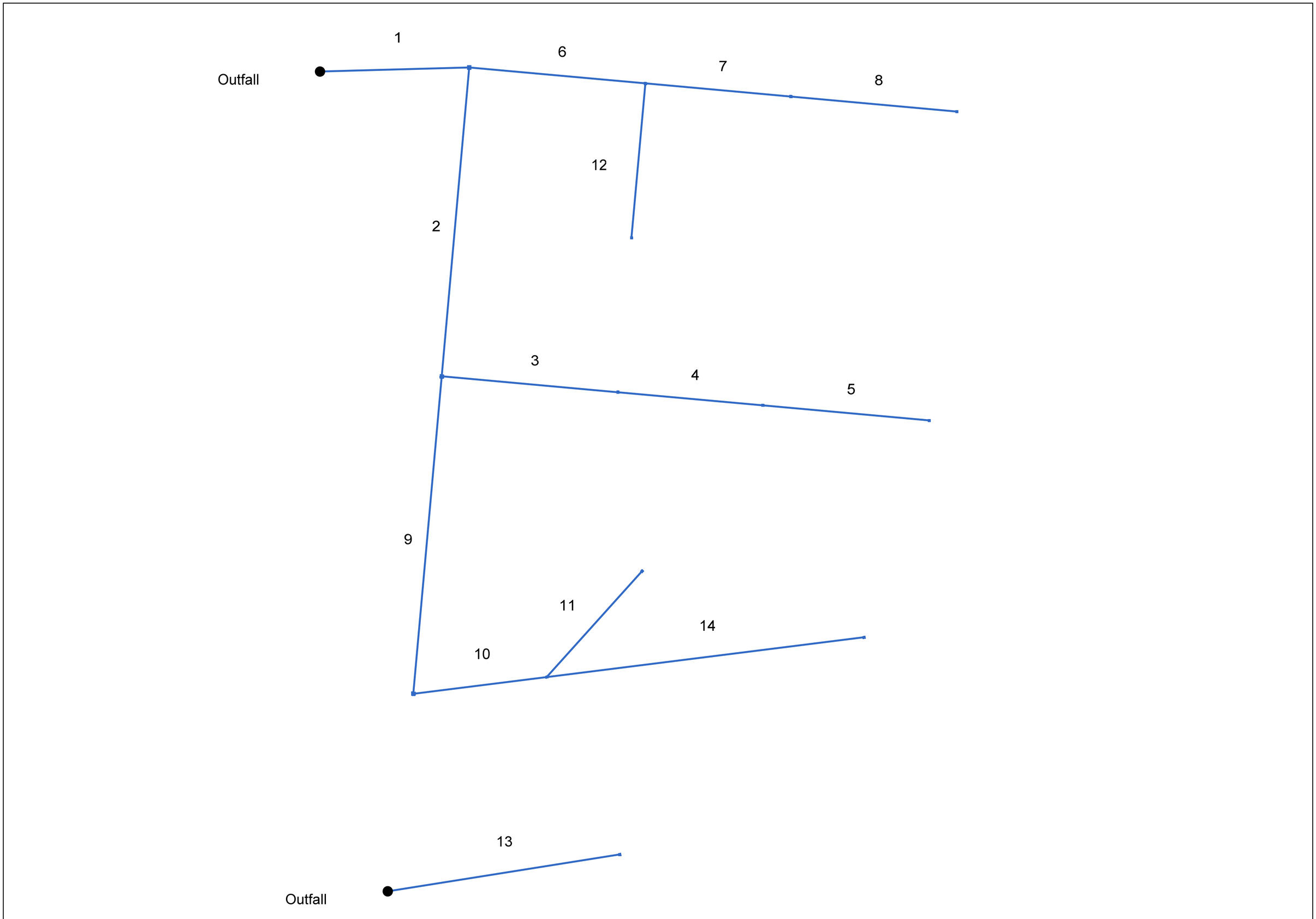
Hydraflow Storm Sewers Extension for Autodesk® Civil 3D® Plan



Project File: 2026-09-04_MIA-BET-2601.stm	Number of lines: 14	Date: 9/8/2026

COEC RPT2

10-YEAR CAPACITY

Line No.	Inlet ID	Drng Area (ac)	Total Area (ac)	Runoff Coeff (C)	Total CxA	Inlet Time (min)	Tc (min)	Flow Rate (cfs)	Capac Full (cfs)	Line Size (in)	Line Slope (%)	Invert Up (ft)	Invert Dn (ft)	HGL Up (ft)	HGL Dn (ft)	Gnd/Rim El Up (ft)	Gnd/Rim El Dn (ft)	Cover Up (ft)	Cover Dn (ft)	
1	#1	0.63	7.11	0.90	6.18	10.0	13.8	27.38	57.86	24	5.58	928.99	923.00	930.81 j	925.63	934.94	923.00	3.95	-2.00	
2	#6	0.53	3.90	0.90	3.51	10.0	13.0	15.94	17.25	24	0.50	930.09	928.99	931.60	930.81	935.68	934.94	3.59	3.95	
3	#7	0.32	1.17	0.90	1.05	10.0	11.1	5.13	9.89	15	2.00	933.38	930.84	934.30 j	932.51	937.01	935.68	2.38	3.59	
4	#8	0.35	0.85	0.90	0.77	10.0	10.7	3.78	4.26	12	1.22	934.91	933.63	935.74	934.36	938.11	937.01	2.20	2.38	
5	#9	0.50	0.50	0.90	0.45	10.0	10.0	2.28	3.86	12	1.00	936.11	934.91	936.76 j	935.74	939.36	938.11	2.25	2.20	
6	#2	0.39	2.58	0.90	2.10	10.0	11.0	10.27	16.54	18	2.12	932.18	929.49	933.41 j	930.81	936.27	934.94	2.59	3.95	
7	#4	0.43	1.46	0.90	1.31	10.0	10.5	6.54	8.33	15	1.42	933.92	932.43	934.95	933.41	937.37	936.27	2.20	2.59	
8	#5	1.03	1.03	0.90	0.93	10.0	10.0	4.71	7.00	15	1.00	935.12	933.92	936.00 j	934.95	938.62	937.37	2.25	2.20	
9	#10	0.43	2.20	0.90	1.98	10.0	11.8	9.41	11.00	24	0.20	930.55	930.09	932.85	932.51	935.09	935.68	2.54	3.59	
10	#11	0.80	1.77	0.90	1.59	10.0	11.4	7.67	13.23	18	1.35	932.36	931.05	933.43 j	933.06	936.06	935.09	2.20	2.54	
11	#12	0.33	0.33	0.90	0.30	10.0	10.0	1.51	5.36	15	0.59	933.21	932.61	933.70 j	933.43	936.66	936.06	2.20	2.20	
12	#3	0.73	0.73	0.60	0.44	10.0	10.0	2.22	3.11	15	0.20	932.65	932.43	933.53	933.41	936.10	936.27	2.20	2.59	
13	#14	6.04	6.04	0.50	3.02	50.0	50.0	6.27	6.59	15	0.89	933.50	932.00	934.51 j	933.13	935.84	0.00	1.09	n/a	
14	#13	0.64	0.64	0.90	0.58	10.0	10.0	2.92	3.86	12	1.00	935.16	932.86	935.89	933.51	938.36	936.06	2.20	2.20	

Project File: 2026-09-04_MIA-BET-2601.stm	Number of lines: 14	Date: 9/8/2026

NOTES: ** Critical depth

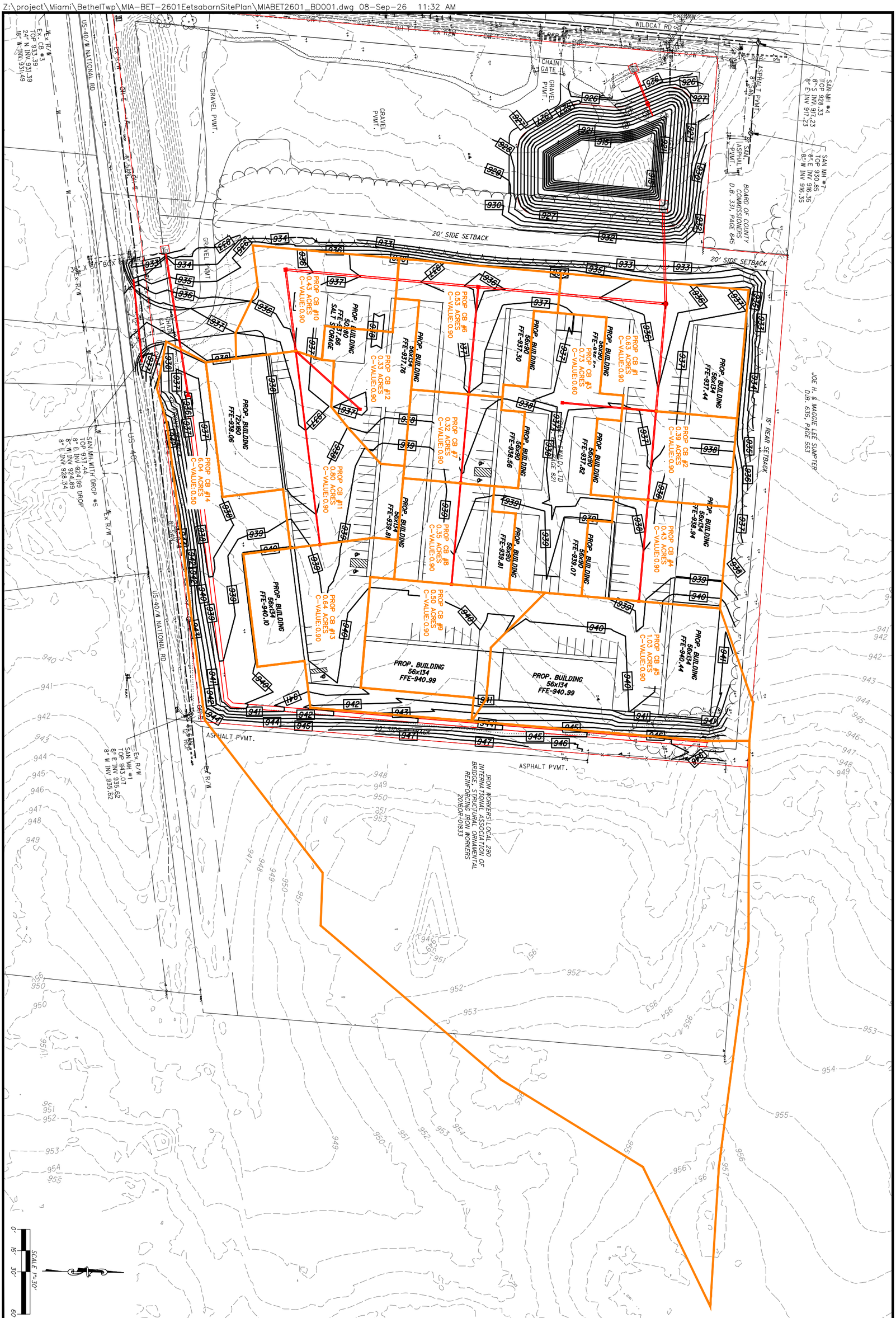
COEC RPT2

25-YEAR HYDAULIC GRADE LINE

Line No.	Inlet ID	Drng Area (ac)	Total Area (ac)	Runoff Coeff (C)	Total CxA	Inlet Time (min)	Tc (min)	Flow Rate (cfs)	Capac Full (cfs)	Line Size (in)	Line Slope (%)	Invert Up (ft)	Invert Dn (ft)	HGL Up (ft)	HGL Dn (ft)	Gnd/Rim El Up (ft)	Gnd/Rim El Dn (ft)	Cover Up (ft)	Cover Dn (ft)	
1	#1	0.63	7.11	0.90	6.18	10.0	13.3	31.78	57.86	24	5.58	928.99	923.00	930.88 j	925.98	934.94	923.00	3.95	-2.00	
2	#6	0.53	3.90	0.90	3.51	10.0	12.7	18.44	17.25	24	0.50	930.09	928.99	931.96	930.88	935.68	934.94	3.59	3.95	
3	#7	0.32	1.17	0.90	1.05	10.0	10.9	5.88	9.89	15	2.00	933.38	930.84	934.36 j	932.81	937.01	935.68	2.38	3.59	
4	#8	0.35	0.85	0.90	0.77	10.0	10.6	4.32	4.26	12	1.22	934.91	933.63	935.78	934.46	938.11	937.01	2.20	2.38	
5	#9	0.50	0.50	0.90	0.45	10.0	10.0	2.60	3.86	12	1.00	936.11	934.91	936.80 j	935.78	939.36	938.11	2.25	2.20	
6	#2	0.39	2.58	0.90	2.10	10.0	10.9	11.75	16.54	18	2.12	932.18	929.49	933.48 j	930.88	936.27	934.94	2.59	3.95	
7	#4	0.43	1.46	0.90	1.31	10.0	10.5	7.46	8.33	15	1.42	933.92	932.43	935.01	933.48	937.37	936.27	2.20	2.59	
8	#5	1.03	1.03	0.90	0.93	10.0	10.0	5.35	7.00	15	1.00	935.12	933.92	936.06 j	935.01	938.62	937.37	2.25	2.20	
9	#10	0.43	2.20	0.90	1.98	10.0	11.5	10.81	11.00	24	0.20	930.55	930.09	933.25	932.81	935.09	935.68	2.54	3.59	
10	#11	0.80	1.77	0.90	1.59	10.0	11.2	8.80	13.23	18	1.35	932.36	931.05	934.11	933.53	936.06	935.09	2.20	2.54	
11	#12	0.33	0.33	0.90	0.30	10.0	10.0	1.72	5.36	15	0.59	933.21	932.61	934.57	934.51	936.66	936.06	2.20	2.20	
12	#3	0.73	0.73	0.60	0.44	10.0	10.0	2.53	3.11	15	0.20	932.65	932.43	933.62	933.48	936.10	936.27	2.20	2.59	
13	#14	6.04	6.04	0.50	3.02	50.0	50.0	7.36	6.59	15	0.89	933.50	932.00	934.94	933.17	935.84	0.00	1.09	n/a	
14	#13	0.64	0.64	0.90	0.58	10.0	10.0	3.33	3.86	12	1.00	935.16	932.86	936.15	934.51	938.36	936.06	2.20	2.20	

Project File: 2026-09-04_MIA-BET-2601.stm	Number of lines: 14	Date: 9/8/2026

NOTES: ** Critical depth



1 OF 1	SHEET NUMBER	FILE NAME	GB DRAINAGE MAP
09-08-2026	DATE	DRAWN BY	DMR
MIA-BET-2601	PROJECT No.	CHECKED BY	JSP
		REVISIONS:	

EETSABARN SITE PLAN
BETHEL TOWNSHIP
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