

HILLSBOROUGH CITY SCHOOL DISTRICT - CROCKER SCHOOL

Table 5.1.1
Existing Hydrology: 100-Year Event

Node # (2)	Ground Elevation (1) (ft)	Sump Elevation (ft)	Inlet Area (acres)	Inlet C	Inlet C*A (acres)	Cumulative Area (acres)	Cumulative C*A (acres)	Inlet Tc (minutes)	System Tc (minutes)	Intensity (in/hr)	Additional Flows	Discharge (cfs)
I-C3-10	153.00	135.98	0.11	0.62	0.07	0.11	0.1	10.0	10.0	2.86	0.00	0.2
I-C3-9-1	151.25	135.86	0.03	0.90	0.03	0.03	0.0	10.0	10.0	2.86	0.00	0.1
I-C3-9	152.50	135.48	0.11	0.62	0.07	0.11	0.2	10.0	10.3	2.84	0.00	0.5
I-C3-8-1	151.28	134.71	0.03	0.90	0.03	0.03	0.0	10.0	10.0	2.86	0.00	0.1
I-C3-8	147.50	134.68	0.00	0.00	0.00	0.00	0.2	0.0	10.6	2.82	0.00	0.5
I-C3-7-1	151.30	137.70	0.04	0.90	0.04	0.04	0.0	10.0	10.0	2.86	0.00	0.1
I-C3-7	151.60	134.58	0.00	0.00	0.00	0.00	0.2	0.0	10.8	2.81	0.00	0.6
I-C3-6-1	146.25	134.70	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C3-6	151.50	134.48	0.00	0.00	0.00	0.00	0.2	0.0	10.9	2.80	0.00	0.6
I-C3-5	151.50	133.64	0.00	0.00	0.00	0.00	0.2	0.0	11.0	2.79	0.00	0.6
I-C3-4-1	150.88	134.02	0.02	0.90	0.02	0.02	0.0	10.0	10.0	2.86	0.00	0.1
I-C3-4	150.50	133.64	0.00	0.00	0.00	0.00	0.2	0.0	11.2	2.78	0.00	0.7
I-C3-3-1	151.14	134.28	0.02	0.90	0.02	0.02	0.0	10.0	10.0	2.86	0.00	0.1
I-C3-3	150.00	133.14	0.00	0.00	0.00	0.00	0.3	0.0	11.4	2.76	0.00	0.7
I-C3-2-7	154.00	153.00	0.07	0.79	0.06	0.07	0.1	10.0	10.0	2.86	0.00	0.2
I-C3-2-6-1	152.00	151.00	0.04	0.90	0.04	0.04	0.0	10.0	10.0	2.86	0.00	0.1
I-C3-2-6	152.00	151.00	0.00	0.00	0.00	0.00	0.1	0.0	10.1	2.85	0.00	0.3
I-C3-2-5-1	152.75	151.00	0.26	0.48	0.12	0.26	0.1	10.0	10.0	2.86	0.00	0.4
I-C3-2-5	152.00	150.25	0.03	0.43	0.01	0.03	0.2	10.0	10.2	2.85	0.00	0.7
I-C3-2-4	148.25	146.50	0.00	0.00	0.00	0.00	0.2	0.0	10.4	2.84	0.00	0.7
I-C3-2-3-1	151.05	147.04	0.03	0.90	0.03	0.03	0.0	10.0	10.0	2.86	0.00	0.1
I-C3-2-3	148.50	144.49	0.00	0.00	0.00	0.00	0.3	0.0	10.4	2.83	0.00	0.7
I-C3-2-2-1S	143.70	141.80	0.25	0.43	0.11	0.25	0.1	10.0	10.0	2.86	0.00	0.3
I-C3-2-2-1N	151.10	140.83	0.03	0.90	0.03	0.03	0.0	10.0	10.0	2.86	0.00	0.1
I-C3-2-2	148.50	138.23	0.00	0.00	0.00	0.00	0.4	0.0	10.5	2.82	0.00	1.1
I-C3-2-1-1	151.15	134.28	0.04	0.90	0.04	0.04	0.0	10.0	10.0	2.86	0.00	0.1
I-C3-2-1	146.92	133.14	0.00	0.00	0.00	0.00	0.4	0.0	10.6	2.82	0.00	1.2
I-C3-2	149.00	132.14	0.00	0.00	0.00	0.00	0.7	0.0	11.6	2.75	0.00	1.9
I-C3-1	146.00	129.14	0.22	0.43	0.09	0.22	0.8	10.0	11.6	2.75	0.00	2.2
O-C3	146.50	127.79	0.00	0.00	0.00	0.00	0.8	0.0	11.7	2.75	0.00	2.2
I-C2-14	185.50	184.40	0.11	0.43	0.05	0.11	0.1	10.0	10.0	2.86	0.00	0.1
I-C2-13-1	186.00	185.30	0.13	0.43	0.06	0.13	0.1	10.0	10.0	2.86	0.00	0.2
I-C2-13	185.50	184.40	0.00	0.00	0.00	0.00	0.1	0.0	16.6	2.48	0.00	0.3
I-C2-12-1	186.00	185.30	0.16	0.43	0.07	0.16	0.1	10.0	10.0	2.86	0.00	0.2
I-C2-12	185.50	184.40	0.00	0.00	0.00	0.00	0.2	0.0	21.6	2.28	0.00	0.4
I-C2-11-1	186.50	186.05	0.12	0.43	0.05	0.12	0.1	10.0	10.0	2.86	0.00	0.2
I-C2-11	185.50	184.40	0.00	0.00	0.00	0.00	0.2	0.0	25.0	2.16	0.00	0.5
I-C2-10	185.50	184.30	0.03	0.43	0.01	0.03	0.2	10.0	25.3	2.16	0.00	0.5
I-C2-1-1	151.50	150.20	0.28	0.52	0.15	0.28	0.2	10.0	10.0	2.86	0.00	0.4
I-C2-1	154.50	150.10	0.10	0.43	0.04	0.10	2.8	10.0	27.5	2.09	0.00	5.9
I-C1-W	177.00	174.44	0.04	0.43	0.02	0.04	0.0	10.0	10.0	2.86	0.00	0.1
I-C1-E	172.00	170.00	0.11	0.43	0.05	0.11	0.1	10.0	10.0	2.86	0.00	0.1
I-C2-9	184.50	183.00	0.00	0.00	0.00	0.00	0.2	0.0	25.4	2.15	0.00	0.5
I-C2-8-1W	184.00	183.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-8-1N	190.50	189.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-8	184.00	182.50	0.00	0.00	0.00	0.00	0.2	0.0	25.5	2.15	0.00	0.5
I-C2-7-2	190.30	188.30	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-7-1	173.50	171.50	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-7	173.25	171.25	0.00	0.00	0.00	0.00	0.2	0.0	25.7	2.14	0.00	0.5
I-C2-6-4E	169.00	165.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-6-3E	168.00	164.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-6-2E-1	169.00	165.70	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-6-2E	167.00	163.76	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-6-1E	166.50	162.96	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-6-1D	167.40	165.40	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-6-1C	171.00	167.50	0.08	0.90	0.07	0.08	0.1	10.0	10.0	2.86	0.00	0.2
I-C2-6-1B	165.00	163.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-6-1A	163.81	160.90	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
I-C2-6	162.94	160.80	0.00	0.00	0.00	0.00	0.3	0.0	26.0	2.13	0.00	0.7
I-C2-5	164.55	160.75	0.16	0.43	0.07	0.16	0.4	10.0	26.1	2.13	0.00	0.8
I-C2-4-4	172.90	168.80	0.07	0.43	0.03	0.07	0.0	10.0	10.0	2.86	0.00	0.1
I-C2-4-3	172.00	167.50	0.00	0.00	0.00	0.00	0.0	0.0	10.0	2.86	0.00	0.1
I-C2-4-2	169.50	167.40	0.17	0.43	0.07	0.17	0.1	10.0	11.5	2.76	0.00	0.3
I-C2-4-1-1N	169.00	167.40	0.07	0.43	0.03	0.07	0.0	10.0	10.0	2.86	0.00	0.1
I-C2-4-1	170.00	163.66	0.15	0.43	0.06	0.15	0.2	10.0	11.8	2.74	0.00	0.6
I-C2-4	166.50	160.60	0.04	0.43	0.02	0.04	0.6	10.0	26.6	2.12	0.00	1.3
I-C2-3	158.52	153.50	0.70	0.69	0.48	0.70	1.1	10.0	27.2	2.10	0.00	2.3
I-C2-2-2	157.50	155.50	0.80	0.73	0.58	0.80	0.6	10.0	10.0	2.86	0.00	1.7
I-C2-2-1	156.80	155.00	1.14	0.81	0.92	1.14	1.5	10.0	10.6	2.82	0.00	4.3
I-C2-2	157.13	150.70	0.04	0.90	0.04	0.04	2.6	10.0	27.3	2.10	0.00	5.5
I-C2-1-1	151.50	150.20	0.28	0.52	0.15	0.28	0.2	10.0	10.0	2.86	0.00	0.4
I-C2-1	154.50	150.10	0.10	0.43	0.04	0.10	2.8	10.0	27.5	2.09	0.00	5.9
O-C2	149.00	144.60	0.00	0.00	0.00	0.00	2.8	0.0	27.6	2.09	0.00	5.9
I-C1-W	177.00	174.44	0.04	0.43	0.02	0.04	0.0	10.0	10.0	2.86	0.00	0.1
I-C1-E	172.00	170.00	0.11	0.43	0.05	0.11	0.1	10.0	10.0	2.86	0.00	0.1
I-C1	172.66	170.10	0.00	0.00	0.00	0.00	0.1	0.0	14.6	2.58	0.00	0.2
O-C1	173.25	169.00	0.00	0.00	0.00	0.00	0.1	0.0	14.7	2.58	0.00	0.2

(1) Elevations estimated from construction plans and Survey points.

HILLSBOROUGH CITY SCHOOL DISTRICT - CROCKER SCHOOL

Table 5.1.2
Existing Hydraulics: 100-Year Event

Pipe # (1)	Upstream Node	Downstream Node	Total Discharge (cfs) /	Capacity @ Constructed Slope (cfs)	Pipe Size (inches)	Length (feet)	Constructed Slope (ft/ft)	Invert Elevation		Ground/Rim Elevation		HGL Elevation		Freeboard (feet)	Upstream Cover (feet)	Velocity (ft/s) /
								Upstream	Downstream	Upstream	Downstream	Upstream	Downstream			
P-C3-10	I-C3-10	I-C3-9	0.2	1.0	6 inch	17	0.029	135.98	135.48	153.00	152.50	137.00	136.98	16.0	16.5	1.0
P-C3-9-1	I-C3-9-1	I-C3-9	0.1	0.3	4 inch	13	0.029	135.86	135.48	151.25	152.50	137.00	136.98	14.3	15.1	0.9
P-C3-9	I-C3-9	I-C3-8	0.5	0.8	6 inch	39	0.021	135.48	134.68	152.50	147.50	136.98	136.71	15.5	16.5	2.4
P-C3-8-1	I-C3-8-1	I-C3-8	0.1	0.1	4 inch	12	0.003	134.71	134.68	151.28	147.50	136.73	136.71	14.6	16.2	0.9
P-C3-8	I-C3-8	I-C3-7	0.5	0.3	6 inch	38	0.003	134.68	134.58	147.50	151.60	136.71	136.35	10.8	12.3	2.8
P-C3-7-1	I-C3-7-1	I-C3-7	0.1	0.9	4 inch	13	0.240	137.70	134.58	151.30	151.60	137.88	136.35	13.4	13.3	7.1
P-C3-7	I-C3-7	I-C3-6	0.6	0.4	6 inch	24	0.004	134.58	134.48	151.60	151.50	136.35	136.04	15.3	16.5	3.3
P-C3-6-1	I-C3-6-1	I-C3-6	0.0	1.0	6 inch	7	0.031	134.70	134.48	146.25	151.50	136.04	136.04	10.2	11.1	0.0
P-C3-6	I-C3-6	I-C3-5	0.6	1.0	6 inch	26	0.032	134.48	133.64	151.50	151.50	136.04	135.70	15.5	16.5	3.3
P-C3-5	I-C3-5	I-C3-4	0.6	0.0	6 inch	33	0.000	133.64	133.64	151.50	150.50	135.70	135.28	15.8	17.4	3.2
P-C3-4-1	I-C3-4-1	I-C3-4	0.1	0.4	4 inch	11	0.035	134.02	133.64	150.88	150.50	135.29	135.28	15.6	16.5	0.6
P-C3-4	I-C3-4	I-C3-3	0.7	0.6	6 inch	48	0.010	133.64	133.14	150.50	150.00	135.28	134.56	15.2	16.4	3.5
P-C3-3-1	I-C3-3-1	I-C3-3	0.1	0.6	4 inch	11	0.104	134.28	133.14	151.14	150.00	134.57	134.56	16.6	16.5	4.3
P-C3-3	I-C3-3	I-C3-2	0.7	1.0	6 inch	33	0.030	133.14	132.14	150.00	149.00	134.56	134.00	15.4	16.4	3.7
P-C3-2-7	I-C3-2-7	I-C3-2-6	0.2	0.6	4 inch	22	0.091	153.00	151.00	154.00	152.00	153.23	151.29	0.8	0.7	5.6
P-C3-2-6-1	I-C3-2-6-1	I-C3-2-6	0.1	0.0	4 inch	9	0.000	151.00	151.00	152.00	152.00	151.31	151.29	0.7	0.7	1.2
P-C3-2-6	I-C3-2-6	I-C3-2-5	0.3	0.4	4 inch	21	0.036	151.00	150.25	152.00	152.00	151.29	150.66	0.7	0.7	4.5
P-C3-2-5-1	I-C3-2-5-1	I-C3-2-5	0.4	0.8	6 inch	34	0.022	151.00	150.25	152.75	152.00	151.30	150.66	1.4	1.3	4.1
P-C3-2-5	I-C3-2-5	I-C3-2-4	0.7	1.4	6 inch	62	0.060	150.25	146.50	152.00	148.25	150.66	146.74	1.3	1.3	6.9
P-C3-2-4	I-C3-2-4	I-C3-2-3	0.7	1.4	6 inch	34	0.059	146.50	144.49	148.25	148.50	146.91	144.92	1.3	1.3	6.9
P-C3-2-3-1	I-C3-2-3-1	I-C3-2-3	0.1	0.7	4 inch	22	0.116	147.04	144.49	151.05	148.50	147.19	144.92	3.9	3.7	5.0
P-C3-2-3	I-C3-2-3	I-C3-2-2	0.7	1.8	6 inch	58	0.108	144.49	138.23	148.50	148.50	144.92	138.71	3.6	3.5	8.8
P-C3-2-2-1S	I-C3-2-2-1S	I-C3-2-2	0.3	1.9	6 inch	33	0.108	141.80	138.23	143.70	148.50	142.08	138.71	1.6	1.4	7.0
P-C3-2-2-1N	I-C3-2-2-1N	I-C3-2-2	0.1	0.6	4 inch	24	0.108	140.83	138.23	151.10	148.50	140.98	138.71	10.1	9.9	4.9
P-C3-2-2	I-C3-2-2	I-C3-2-1	1.1	1.9	6 inch	47	0.108	138.23	133.14	148.50	146.92	138.71	135.59	9.8	9.8	9.8
P-C3-2-1-1	I-C3-2-1-1	I-C3-2-1	0.1	0.4	4 inch	21	0.054	134.28	133.14	151.15	146.92	135.65	135.59	15.5	16.5	1.2
P-C3-2-1	I-C3-2-1	I-C3-2	1.2	1.0	6 inch	34	0.029	133.14	132.14	146.92	149.00	135.59	134.00	11.3	13.3	6.2
P-C3-2	I-C3-2	I-C3-1	1.9	1.8	6 inch	31	0.097	132.14	129.14	149.00	146.00	134.00	130.39	15.0	16.4	9.8
P-C3-1	I-C3-1	O-C3	2.2	1.7	6 inch	14	0.096	129.14	127.79	146.00	146.50	130.39	128.29	15.6	16.4	11.1
P-C2-14	I-C2-14	I-C2-13	0.1	0.0	12 inch	69	0.000	184.40	184.40	185.50	185.50	184.88	184.88	0.6	0.1	0.2
P-C2-13-1	I-C2-13-1	I-C2-13	0.2	0.8	4 inch	8	0.113	185.30	184.40	186.00	185.50	185.53	184.88	0.5	0.4	7.4
P-C2-13	I-C2-13	I-C2-12	0.3	0.0	12 inch	98	0.000	184.40	184.40	185.50	185.50	184.88	184.86	0.6	0.1	0.3
P-C2-12-1	I-C2-12-1	I-C2-12	0.2	0.8	4 inch	8	0.113	185.30	184.40	186.00	185.50	185.55	184.86	0.4	0.4	7.8
P-C2-12	I-C2-12	I-C2-11	0.4	0.0	12 inch	102	0.000	184.40	184.40	185.50	185.50	184.86	184.72	0.6	0.1	0.5
P-C2-11-1	I-C2-11-1	I-C2-11	0.2	1.2	4 inch	7	0.236	186.05	184.40	186.50	185.50	186.27	184.72	0.2	0.1	9.4
P-C2-11	I-C2-11	I-C2-10	0.5	2.2	12 inch	38	0.003	184.40	184.30	185.50	185.50	184.72	184.59	0.8	0.1	2.2
P-C2-10	I-C2-10	I-C2-9	0.5	11.2	14 inch	30	0.043	184.30	183.00	185.50	184.50	184.58	183.17	0.9	0.0	5.3
P-C2-9	I-C2-9	I-C2-8	0.5	6.9	14 inch	30	0.017	183.00	182.50	184.50	184.00	183.28	182.71	1.2	0.3	3.8
P-C2-8-1W	I-C2-8-1W	I-C2-8	0.0	14.7	12 inch	5	0.100	183.00	182.50	184.00	184.00	183.00	182.78	1.0	0.0	0.0
P-C2-8-1N	I-C2-8-1N	I-C2-8	0.0	22.5	14 inch	37	0.176	189.00	182.50	190.50	184.00	189.00	182.78	1.5	0.3	0.0
P-C2-8	I-C2-8	I-C2-7	0.5	18.9	14 inch	91	0.124	182.50	171.25	184.00	173.25	182.78	171.38	1.2	0.3	7.7
P-C2-7-2	I-C2-7-2	I-C2-7-1	0.0	19.6	12 inch	94	0.179	188.30	171.50	190.30	173.50	188.30	171.53	2.0	1.0	0.0
P-C2-7-1	I-C2-7-1	I-C2-7	0.0	5.6	12 inch	17	0.015	171.50	171.25	173.50	173.25	171.53	171.53	2.0	1.0	0.0
P-C2-7	I-C2-7	I-C2-6	0.5	16.1	14 inch	117	0.089	171.25	160.80	173.25	162.94	171.53	161.22	1.7	0.8	6.8
P-C2-6-4E	I-C2-6-4E	I-C2-6-3E	0.0	0.8	4 inch	11	0.091	165.00	164.00	169.00	168.00	165.00	164.00	4.0	3.7	0.0
P-C2-6-3E	I-C2-6-3E	I-C2-6-2E	0.0	6.8	12 inch	11	0.022	164.00	163.76	168.00	167.00	164.00	163.76	4.0	3.0	0.0
P-C2-6-2E-1	I-C2-6-2E-1	I-C2-6-2E	0.0	1.0	4 inch	12	0.162	165.70	163.76	169.00	167.00	165.70	163.76	3.3	3.0	0.0
P-C2-6-2E	I-C2-6-2E	I-C2-6-1E	0.0	0.8	4 inch	8	0.100	163.76	162.96	167.00	166.50	163.76	162.96	3.2	2.9	0.0
P-C2-6-1E	I-C2-6-1E	I-C2-6	0.0	0.6	4 inch	34	0.064	162.96	160.80	166.50	162.94	162.96	161.22	3.5	3.2	0.0
P-C2-6-1D	I-C2-6-1D	I-C2-6	0.0	1.0	4 inch	28	0.164	165.40	160.80	167.40	162.94	165.40	161.22	2.0	1.7	0.0
P-C2-6-1C	I-C2-6-1C	I-C2-6	0.2	18.7	12 inch	41	0.163	167.50	160.80	171.00	162.94	167.69	161.22	3.3	2.5	7.9
P-C2-6-1B	I-C2-6-1B	I-C2-6	0.0	0.9	4 inch	16	0.138	163.00	160.80	165.00	162.94	163.00	161.22	2.0	1.7	0.0
P-C2-6-1A	I-C2-6-1A	I-C2-6	0.0	2.8	12 inch	28	0.004	160.90	160.80	163.81	162.94	161.22	161.22	2.6	1.9	0.0
P-C2-6	I-C2-6	I-C2-5	0.7	2.8	14 inch	19	0.003	160.80	160.75	162.94	164.55	161.22	161.20	1.7	1.0	2.1
P-C2-5	I-C2-5	I-C2-4	0.8	2.6	14 inch	62	0.002	160.75	160.60	164.55	166.50	161.20	161.07	3.4	2.6	2.2
P-C2-4-4	I-C2-4-4	I-C2-4-3	0.1	0.8	4 inch	11	0.118	168.80	167.50	172.90	172.00	168.96	167.70	3.9	3.8	5.9
P-C2-4-3	I-C2-4-3	I-C2-4-2	0.1	0.5	8 inch	93	0.001	167.50	167.40	172.00	169.50	167.70	167.65	4.3	3.8	1.0
P-C2-4-2	I-C2-4-2	I-C2-4-1	0.3	3.2	8 inch	74	0.051	167.40	163.66	169.50	170.00	167.65	163.97	1.8	1.4	5.7
P-C2-4-1-1N	I-C2-4-1-1N	I-C2-4-1	0.1	3.8	8 inch	38	0.098	167.40	163.66	169.00	170.00	167.53	163.97	1.5	0.9	4.5
P-C2-4-1	I-C2-4-1	I-C2-4	0.6	21.3	12 inch	12	0.255	163.66	160.60	170.00	166.50	163.97	161.07	6.0	5.3	11.6
P-C2-4	I-C2-4	I-C2-3	1.3	6.3	12 inch	226	0.031	160.60	153.50	166.50	158.52	161.07	154.10	5.4	4.9	6.3
P-C2-3	I-C2-3	I-C2-2	2.3	15.0	15 inch	52	0.054	153.50	150.70	158.52	157.13	154.10	151.61	4.4	3.8	8.8
P-C2-2-2	I-C2-2-2	I-C2-2-1	1.7	2.8	12 inch	140	0.004	155.50	155.00	157.50	156.80	156.06	155.84	1.4	1.0	3.7
P-C2-2-1	I-C2-2-1	I-C2-2	4.3	11.2	15 inch	142	0.030	155.00	150.70	156.80	157.13	155.84	151.61	1.0	0.6	8.5
P-C2-2	I-C2-2	I-C2-1	5.5	9.2	18 inch	78	0.008	150.70	150.10	157.13	154.50	151.61	151.04	5.5	4.9	5.5
P-C2-1-1	I-C2-1-1	I-C2-1	0.4	1.1	12 inch	101	0.001	150.20	150.10	151.50	154.50	151.05	151.04	0.4	0.3	1.3
P-C2-1	I-C2-1	O-C2	5.9	40.7	18 inch	62	0.089	150.10	144.60	154.50	149.00	151.04	145.00	3.5	2.9	16.4
P-C1-W	I-C1-W	I-C1	0.1	23.8	15 inch	32	0.136	174.44	170.10	177.00	172.66	174.53	170.26	2.5	1.3	3.9
P-C1-E	I-C1-E	I-C1	0.1	-1.6	12 inch	48	-0.002	170.00	170.10	172.00	172.66	170.38	170.26	1.6	1.0	0.2
P-C1	I-C1	O-C1	0.2	14.8	15 inch	21	0.052	170.10	169.00	172.66	173.25	170.26	169.09	2.4	1.3	4.0

(1) Pipe Locations can be found on Figure A5.1