INLET LOCATION		Design Storm Frequency	AREA RUNOFF - Q=CIA				Area Number	Runoff (CFS)	Carry Over From Upstream Inlet	Total Gutter Flow	Gutter Slope	Gutter Capacity To Crown	Pavement Capacity To TC	Crown Type	SELECTED INLETS			Inter-cepted Flow	Carry Over To Downstream Inlet	Downstream Inlet No.
			Time Of "C"	Intensity (In/Hr)	Runoff Coefficient	Area In Acres									Length "Lf"	Type	Inlet Capacity			
No.	STREET NAME	(YEARS)	(MIN)	"I"	"C"	"A"		"Q"	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)		(FEET)		(CFS)	(CFS)	(CFS)	No.
1	9+00.00 Gannon Heights Lane	100	10	9.8	0.5	0.76	A5 & A6	3.72	2.32	6.04	Sag	N/A	N/A	6" Par.	10'	Curb	20.00	6.04	0.00	
2	9+00.00 Gannon Heights Lane	100	10	9.8	0.5	1.09	A2 & A3	5.34	0.00	5.34	Sag	N/A	N/A	6" Par.	10	Curb	20.00	5.34	0.00	
3	7+68.67 Gannon Heights Lane	100	10	9.8	0.5	0.64	A4	3.14	0.00	3.14	0.80	5.25	10.50	6" Par.	10	Curb	7.98	3.14	0.00	
4	2+74.14 Gannon Heights Lane	100	10	9.8	0.5	1.08	A1	5.29	0.00	5.29	0.80	5.25	10.50	6" Par.	10	Curb	6.70	5.29	0.00	
5	3+31.95 Arcadia Way	100	10	9.8	0.5	0.94	B1	4.61	0.00	4.61	7.00	15.52	31.00	6" Par.	10	Curb	5.35	4.61	0.00	
6	3+77.10 Arcadia Way	100	10	9.8	0.5	1.11	B2,OS5	5.44	0.00	5.44	7.00	15.52	31.00	6" Par.	10	Curb	5.35	5.35	0.09	8
7	6+68.78 Arcadia Way	100	10	9.8	0.5	1.01	B3	4.95	0.00	4.95	5.00	13.11	26.23	6" Par.	10	Curb	5.80	4.95	0.00	
8	6+68.78 Arcadia Way	100	10	9.8	0.5	0.87	B4	4.26	0.09	4.35	5.00	13.11	26.23	6" Par.	10	Curb	5.80	4.35	0.00	
9	10+33.94 Arcadia Way	100	10	9.8	0.5	0.43	B5	2.11	0.00	2.11	5.00	13.11	26.23	6" Par.	10	Curb	5.80	2.11	0.00	
10	10+33.94 Arcadia Way	100	10	9.8	0.5	1.15	B6	5.64	0.00	5.64	5.00	13.11	26.23	6" Par.	10	Curb	5.80	5.64	0.00	
11	8+39.95 Alley A	100	10	9.8	0.5	1.24	C1	6.08	0.00	6.08	2.50	N/A	11.80	5" Inv.	15	Curb	9.20	6.08	0.00	
12	10+13.27 Alley B	100	10	9.8	0.5	2.05	D1	10.05	0.00	10.05	4.57	N/A	16.00	5" Inv.	15	Curb	7.73	7.73	2.32	1
13	3+68.97 Centenary Lane	100	10	9.8	0.5	0.93	E1	4.56	0.00	4.56	6.00	14.37	28.73	6" Par.	10	Curb	5.40	4.56	0.00	
14	3+97.68 Centenary Lane	100	10	9.8	0.5	0.97	E2	4.75	0.00	4.75	6.00	14.37	28.73	6" Par.	10	Curb	5.40	4.75	0.00	
15	6+94.85 Centenary Lane	100	10	9.8	0.5	0.97	E3	4.75	0.00	4.75	6.00	14.37	28.73	6" Par.	10	Curb	5.40	4.75	0.00	
16	7+27.04 Centenary Lane	100	10	9.8	0.5	0.98	E4	4.80	0.00	4.80	6.00	14.37	28.73	6" Par.	10	Curb	5.40	4.80	0.00	
17	10+63.73 Centenary Lane	100	10	9.8	0.5	1.04	E5	5.10	0.00	5.10	3.50	10.97	21.94	6" Par.	10	Curb	5.70	5.10	0.00	
18	10+73.46 Centenary Lane	100	10	9.8	0.5	1.04	E6	5.10	0.00	5.10	3.50	10.97	21.94	6" Par.	10	Curb	5.70	5.10	0.00	
19	8+32.06 Alley C	100	10	9.8	0.5	1.38	F1	6.76	0.00	6.76	4.98	N/A	16.70	5" Inv.	10'	Curb	5.40	5.40	1.36	20
20	11+44.20 Alley C	100	10	9.8	0.5	0.44	F2	2.16	1.36	3.52	4.23	N/A	15.30	5" Inv.	10'	Curb	5.15	3.52	0.00	
21	4+68.70 Southwestern Drive	100	10	9.8	0.5	1.01	G1	4.95	0.00	4.95	4.80	12.90	25.80	6" Par.	10	Curb	5.80	4.95	0.00	
22	4+84.33 Southwestern Drive	100	10	9.8	0.5	1.15	G2	5.64	0.00	5.64	4.80	12.90	25.80	6" Par.	10	Curb	5.80	5.64	0.00	
23	8+62.55 Southwestern Drive	100	10	9.8	0.5	1.18	G3	5.78	0.00	5.78	4.80	12.90	25.80	6" Par.	10	Curb	5.80	5.78	0.00	
24	8+62.60 Southwestern Drive	100	10	9.8	0.5	1.13	G4	5.54	0.00	5.54	4.80	12.90	25.80	6" Par.	10	Curb	5.80	5.54	0.00	
25	12+04.47 Southwestern Drive	100	10	9.8	0.5	0.75	G5	3.68	1.51	5.18	3.12	10.24	20.48	6" Par.	10	Curb	5.90	5.18	0.00	
26	12+10.57 Southwestern Drive	100	10	9.8	0.5	1.04	G6	5.10	0.00	5.10	3.12	10.36	20.72	6" Par.	10	Curb	5.90	5.10	0.00	
27	11+80.66 Alley D	100	10	9.8	0.5	1.45	H1	7.11	0.00	7.11	3.22	N/A	13.40	5" Inv.	10	Curb	5.60	5.60	1.51	25
28	6+42.48 Bedford Falls Lane	100	10	9.8	0.5	1.04	J1	5.10	0.00	5.10	6.00	14.37	28.73	6" Par.	10	Curb	5.40	5.10	0.00	
29	6+42.69 Bedford Falls Lane	100	10	9.8	0.5	1.04	J2	5.10	0.00	5.10	6.00	14.37	28.73	6" Par.	10	Curb	5.40	5.10	0.00	
30	9+98.98 Bedford Falls Lane	100	10	9.8	0.5	1.06	J3	5.19	0.00	5.19	6.00	14.37	28.73	6" Par.	10	Curb	5.40	5.19	0.00	
31	9+98.98 Bedford Falls Lane	100	10	9.8	0.5	1.06	J4	5.19	0.00	5.19	6.00	14.37	28.73	6" Par.	10	Curb	5.40	5.19	0.00	
32	1+47.67 Alley E	100	10	9.8	0.5	2.86	K1 & OS2	14.01	0.00	14.01	5.09	N/A	16.90	5"Inv	15	Curb	8.50	8.50	5.51	42
33	Lot 7, Block F	100	10	9.8	0.5	4.19	OS3	20.53	0.00	20.53	N/A	N/A	N/A	N/A	3'x3'	Drop	25.12	20.53	0.00	
34	3+98.64 Wildwood Lane	100	10	9.8	0.5	1.84	K3	9.02	0.00	9.02	2.00	8.30	16.60	6" Par.	10	Curb	7.98	7.98	1.04	35
35	0+80.00 Cooper Court	100	10	9.8	0.5	1.27	K2 & K6	6.22	4.52	10.74	Sag	N/A	N/A	6" Par.	10	Curb	20.00	10.74	0.00	
36	0+80.00 Cooper Court	100	10	9.8	0.5	0.99	K4 & K5	4.85	0.00	4.85	Sag	N/A	N/A	6" Par.	10	Curb	20.00	4.85	0.00	
37	2+65.24 Potomac Drive	100	10	9.8	0.5	1.11	L1	5.44	0.00	5.44	3.00	10.16	20.32	6" Par.	10	Curb	5.90	5.44	0.00	
38	14+20.00 Arcadia Way	100	10	9.8	0.5	1.06	M2	5.19	0.00	5.19	Sag	N/A	N/A	6" Par.	10	Curb	20.00	5.19	0.00	
39	14+20.00 Arcadia Way	100	10	9.8	0.5	1.39	M3	6.81	0.00	6.81	Sag	N/A	N/A	6" Par.	10	Curb	20.00	6.81	0.00	
40	10+25.12 East Fork Road	100	10	9.8	0.5	0.74	OS8	3.63	0.00	3.63	3.00	16.50	32.90	6" Par.	10	Curb	5.90	3.63	0.00	
41	Lot 12, Block F	100	10	9.8	0.5	2.29	OS4	11.22	0.00	11.22	N/A	N/A	N/A	N/A	3'x3'	Drop	25.12	11.22	0.00	
42	Alley E	100	10	9.8	0.5	1.32	K7 & OS11	6.47	5.51	11.98	6.72	N/A	19.40	5"Inv	15	Curb	8.50	8.50	3.48	35
43	Lot 13, Block F	100	10	9.8	0.5	0.50	OS10	2.45	0.00	2.45	N/A	N/A	N/A	N/A	3'x3'	Drop	25.12	2.45	0.00	

RUNOFF COLLECTION POINTS		DISTANCE BETWEEN COLLECT-ION POINT	INCREMENTAL DRAINAGE AREA																					
UPSTREAM STATION	DOWNSTREAM STATION		AREA NO.	TOTAL AREA "A" (ACRES)	AREA PICKED UP (ACRES)	RUNOFF COEFF-ICIENT "C"	TOTAL INCREMENT "CA"	BYPASS FROM UPSTREAM "CA"	TOTAL TO COLLECT "CA"	INCREMENT "CA" PICKED UP	TOTAL ACCUM-ULATED "CA"	ACCUM-ULATED "CA" IN SYSTEM	BYPASS "CA"	TIME AT UPSTREAM STATION (MIN)	DESIGN STORM (YRS.)	INTESITY "I" (IN/HR)	STORM WATER RUNOFF "Q" (CFS)	SLOPE OF HYDRAULIC GRADIENT "S" (FT/FT)	STORM SEWER SIZE (IN)	VELOCITY IN SEWER BETWEEN POINTS "V" (FPS)	VELOCITY HEAD LOSS (FEET)	FLOW TIME IN SEWER (MIN)	TIME AT DOWN-STREAM STATION (MIN)	HYD GRAD UP-STREAM (FT)	HYD GRAD DOWN-STREAM (FT)
LINE A																								
10 + 69.72	7 + 87.23	282.49	J1-J4	4.20	4.20	0.50	2.10	0.00	2.10	2.10	2.10	2.10	0.00	11.55	100	9.42	19.78	0.0076	24	6.30	0.62	0.75	12.30	509.24	507.08
7 + 87.23	7 + 41.42	45.81	A1	1.08	1.08	0.50	0.54	0.00	0.54	0.54	2.64	2.64	0.00	12.30	100	9.24	24.39	0.0116	24	7.80	0.94	0.10	12.40	508.76	506.23
7 + 41.42	5 + 69.73	171.69	G1-G6&H1	7.71	7.71	0.50	3.86	0.00	3.86	3.86	6.50	6.50	0.00	12.40	100	9.21	59.87	0.0053	39	7.20	0.8	0.40	12.80	506.30	505.40
5 + 69.73	4 + 25.75	143.98	F1&F2	1.82	1.82	0.50	0.91	0.00	0.91	0.91	7.41	7.41	0.00	12.80	100	9.12	67.58	0.0067	39	8.10	1.02	0.30	13.10	505.18	504.21
4 + 25.75	2 + 92.82	132.93	OS8,E1-E6	6.53	6.53	0.50	3.27	0.00	3.27	3.27	10.68	10.68	0.00	13.10	100	9.04	96.55	0.0045	48	7.70	0.92	0.29	13.39	504.26	503.66
2 + 92.82	2 + 49.79	43.03	A4	0.64	0.64	0.50	0.32	0.00	0.32	0.32	11.00	11.00	0.00	13.39	100	8.97	98.67	0.0047	48	7.90	0.97	0.09	13.48	503.61	503.41
2 + 49.79	1 + 61.31	88.48	D1	2.05	1.58	0.50	1.03	0.00	1.03	0.79	12.03	11.79	0.24	13.48	100	8.95	105.52	0.0054	48	8.40	1.1	0.18	13.66	503.28	502.80
1 + 61.31	1 + 57.31	4.00	A2/A3	1.09	1.09	0.50	0.55	0.00	0.55	0.55	12.58	12.34	0.00	13.66	100	8.91	109.95	0.0059	48	8.70	1.18	0.01	13.67	502.72	502.70
1 + 57.31	0 + 86.78	70.53	A5&A6	0.76	1.23	0.50	0.38	0.24	0.62	0.62	12.96	12.96	0.00	13.67	100	8.9	115.34	0.0064	48	9.20	1.31	0.13	13.80	502.57	502.11
0 + 86.78	0 + 0.00	86.78	OS7,B1-B6,C1	6.75	6.75	0.50	3.38	0.00	3.38	3.38	16.34	16.34	0.00	13.80	100	8.87	144.94	0.0030	5'X4'	7.40	0.85	0.20	14.00	502.05	501.79
LINE B																								
7 + 56.89	6 + 99.53	57.36	B1	0.94	0.94	0.50	0.47	0.00	0.47	0.47	0.47	0.47	0.00	10.00	100	9.8	4.61	0.0019	18	2.60	0.10	0.37	10.37	539.50	539.39
6 + 99.53	4 + 9.02	290.51	B2,OS5	1.11	1.09	0.50	0.56	0.00	0.56	0.55	1.03	1.02	0.01	10.37	100	9.71	9.90	0.0089	18	5.60	0.49	0.86	11.23	527.44	524.86
4 + 9.02	4 + 5.02	4.00	B3	1.01	1.01	0.50	0.51	0.00	0.51	0.51	1.54	1.53	0.00	11.23	100	9.5	14.54	0.0192	18	8.20	1.04	0.01	11.24	524.74	524.66
4 + 5.02	1 + 40.86	264.16	B4	0.87	0.90	0.50	0.44	0.01	0.45	0.45	1.98	1.98	0.00	11.24	100	9.5	18.81	0.0321	18	10.60	1.74	0.42	11.66	519.92	511.45
1 + 40.86	0 + 43.94	96.92	C1	1.24	1.24	0.50	0.62	0.00	0.62	0.62	2.60	2.60	0.00	11.66	100	9.39	24.41	0.0237	21	10.10	1.58	0.16	11.82	508.91	506.61
0 + 43.94	0 + 39.94	4.00	B5	0.43	0.43	0.50	0.22	0.00	0.22	0.22	2.82	2.82	0.00	11.82	100	9.36	26.40	0.0136	24	8.40	1.1	0.01	11.83	506.46	506.41
0 + 39.94	0 + 0.00	39.94	B6	1.15	1.15	0.50	0.58	0.00	0.58	0.58	3.40	3.40	0.00	11.83	100	9.35	31.79	0.0197	24	10.10	1.58	0.07	11.90	505.20	504.41
																				7.40	0.85			502.05	
LINE C																								
2 + 71.50	0 + 0.00	271.50	C1	1.24	1.24	0.50	0.62	0.00	0.62	0.62	0.62	0.62	0.00	10.00	100	9.8	6.08	0.0034	18	3.40	0.18	1.33	11.33	512.36	511.45
																				10.10	1.58			508.91	
LINE D																								
0 + 61.40	0 + 0.00	61.40	D1	2.05	1.58	0.50	1.03	0.00	1.03	0.79	1.03	0.79	0.24	10.00	100	9.8	7.74	0.0054	18	4.40	0.3	0.23	10.23	504.59	504.26
																				8.40	1.1			503.28	
LINE E																								
10 + 44.95	9 + 82.00	62.95	OS6 & OS7	0.60	0.60	0.50	0.30	0.00	0.30	0.30	0.30	0.30	0.00	10.00	100	9.8	2.94	0.0003	21	1.20	0.02	0.87	10.87	557.93	557.91
9 + 82.00	7 + 40.96	241.04	PVI	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.30	0.30	0.00	10.87	100	9.59	2.88	0.0003	21	1.20	0.02	3.35	14.22	543.53	543.45
7 + 40.96	7 + 12.25	28.71	E1	0.93	0.93	0.50	0.47	0.00	0.47	0.47	0.77	0.77	0.00	14.22	100	8.77	6.75	0.0018	21	2.80	0.12	0.17	14.39	541.78	541.73
7 + 12.25	4 + 15.08	297.17	E2	0.97	0.97	0.50	0.49	0.00	0.49	0.49	1.26	1.26	0.00	14.39	100	8.73	11.00	0.0048	21	4.60	0.33	1.08	15.47	525.33	523.90
4 + 15.08	3 + 82.89	32.19	E3	0.97	0.97	0.50	0.49	0.00	0.49	0.49	1.75	1.75	0.00	15.47	100	8.94	15.65	0.0098	21	6.50	0.66	0.08	15.55	522.27	521.96
3 + 82.89	0 + 45.70	337.19	E4	0.98	0.98	0.50	0.49	0.00	0.49	0.49	2.24	2.24	0.00	15.55	100	8.94	20.03	0.0160	21	8.30	1.07	0.68	16.23	512.89	507.50
0 + 45.70	0 + 36.93	8.77	E5	1.04	1.04	0.50	0.52	0.00	0.52	0.52	2.76	2.76	0.00	16.23	100	8.85	24.43	0.0117	24	7.80	0.94	0.02	16.25	507.42	507.32
0 + 36.93	0 + 0.00	36.93	E6	1.04	1.04	0.50	0.52	0.00	0.52	0.52	3.28	3.28	0.00	16.25	100	8.85	29.03	0.0165	24	9.20	1.31	0.07	16.32	507.19	505.58
																				7.70	0.92			504.26	
LINE F																								
3 + 76.57	0 + 60.16	316.41	F1	1.38	1.10	0.50	0.69	0.00	0.69	0.55	0.69	0.55	0.14	10.00	100	9.8	5.39	0.0026	18	3.10	0.15	1.70	11.70	507.49	506.66
0 + 60.16	0 + 0.00	60.16	F2	0.44	0.72	0.50	0.22	0.14	0.36	0.36	0.91	0.91	0.00	11.70	100	9.39	8.54	0.0066	18	4.80	0.36	0.21	11.91	506.45	506.05
																				8.10	1.02			505.18	
LINE G																								
7 + 91.72	7 + 55.76	35.96	G1	1.01	1.01	0.50	0.51	0.00	0.51	0.51	0.51	0.51	0.00	10.00	100	9.8	5.00	0.0023	18	2.80	0.12	0.21	10.21	542.62	542.54
7 + 55.76	3 + 86.80	368.96	G2	1.15	1.15	0.50	0.58	0.00	0.58	0.58	1.09	1.09	0.00	10.21	100	9.75	10.63	0.0102	18	6.00	0.56	1.02	11.23	528.61	524.83
3 + 86.80	3 + 82.80	4.00	G3	1.18	1.18	0.50	0.59	0.00	0.59	0.59	1.68	1.68	0.00	11.23	100	9.5	15.96	0.0101	21	6.60	0.68	0.01	11.24	524.68	524.64
3 + 82.80	1 + 52.77	230.03	G4	1.13	1.13	0.50	0.57	0.00	0.57	0.57	2.25	2.25	0.00	11.24	100	9.5	21.38	0.0182	21	8.90	1.23	0.43	11.67	517.84	513.65
1 + 52.77	0 + 44.91	107.86	H1	1.45	1.14	0.50	0.73	0.00	0.73	0.57	2.98	2.82	0.16	11.67	100	9.39	26.48	0.0137	24	8.40	1.1	0.21	11.88	508.68	507.20
0 + 44.91	0 + 38.81	6.10	G5	0.75	1.07	0.50	0.38	0.16	0.54	0.54	3.36	3.36	0.00	11.88	100	9.34	31.38	0.0059	30	6.40	0.64	0.02	11.90	507.43	507.40
0 + 38.81	0 + 0.00	38.81	G6	1.04	1.04	0.50	0.52	0.00	0.52	0.52	3.88	3.88	0.00	11.90	100	9.34	36.24	0.0078	30	7.40	0.85	0.09	11.99	507.19	506.89
																				7.20	0.8			506.30	
LINE H																								
0 + 57.30	0 + 0.00	57.30	H1	1.45	1.14	0.50	0.73	0.00	0.73	0.57	0.73	0.57	0.16	10.00	100	9.8	5.59	0.0028	18	3.20	0.16	0.30	10.30	513.81	513.65
																				8.40	1.1			508.68	
LINE J																								
5 + 66.92	5 + 39.23	27.69	J1	1.04	1.04	0.50	0.52	0.00	0.52	0.52	0.52	0.52	0.00	10.00	100	9.8	5.10	0.0024	18	2.90	0.13	0.16	10.16	540.49	540.42
5 + 39.23	1 + 99.38	339.85	J2	1.04	1.04	0.50	0.52	0.00	0.52	0.52	1.04	1.04	0.00	10.16	100	9.76	10.15	0.0093	18	5.70	0.5	0.99	11.15	523.21	520.04
1 + 99.38	1 + 95.38	4.00	J3	1.06	1.06	0.50	0.53	0.00	0.53	0.53	1.57	1.57	0.00	11.15	100	9.52	14.95	0.0089	21	6.20	0.6	0.01	11.16	519.85	519.81
1 + 95.38	0 + 0.00	195.38	J4	1.06	1.06	0.50	0.53	0.00	0.53	0.53	2.10	2.10	0.00	11.16	100	9.52	19.99	0.0159	21	8.30	1.07	0.39	11.55	512.97	509.86
																				6.30	0.62			509.24	
LINE K																								
6 + 11.88	5 + 12.62	99.26	K1&OS2	2.86	1.73	0.50	1.43	0.00	1.43	0.87	1.43	0.87	0.56	10.00	100	9.8	8.50	0.0065	18	4.80	0.36	0.34	10.34	525.70	525.05
5 + 12.62	3 + 70.64	141.98	OS3	3.14	3.14	0.50	1.57	0.00	1.57	1.57	3.00	2.44	0.00	10.34	100	9.72	23.69	0.0110	24	7.50	0.87	0.32	10.66	516.57	515.01
3 + 70.64	3 + 11.23	59.41	K7 & OS11	1.32	1.73	0.50	0.66	0.56	1.22	0.87	3.66	3.31	0.35	10.66	100	9.64	31.88	0.0199	24	10.10	1.58	0.10	10.76	514.30	513.12
3 + 11.23	2 + 27.86	83.37	MH	0.00	0.00	0.50	0.00	0.00	0.00	0.00	3.66	3.31	0.00	10.76	100	9.61	31.78	0.0105	27	8.00	0.99	0.17	10.93	512.13	511.26
2 + 27.86	2 + 23.86	4.00	K2&K6	0.99	1.92	0.50	0.50	0.46	0.96	0.96	4.16	4.27	0.00	10.93	100	9.57	40.84	0.0060	33	6.90	0.74	0.01	10.94	511.38	511.36
2 + 23.86	2 + 0.05	23.81	K4&K5	0.99	0.99	0.50	0.50	0.00	0.50	0.50	4.66	4.77	0.00	10.94	100	9.57	45.62	0.0074	33	7.70	0.92	0.05	10.99	511.18	511.00
2 + 0.05	0 + 0.00	200.05	K3	1.84	1.63	0.50	0.92	0.00	0.92	0.81	5.58	5.58	0.11	10.99	100	9.56	53.32	0.0061	33	9.00	1.26	0.37	11.36	509.97	508.75
LINE L																								
2 + 59.46	1 + 96.33	63.13	L1	1.11	1.11	0.50	0.56	0.00	0.56	0.56	0.56	0.56	0.00	10.00	100	9.8	5.49	0.0027	18	3.10	0.15	0.34	10.34	507.61	507.44
1 + 96.33	1 + 85.22	11.11	Bend	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.56	0.56	0.00	10.34	100	9.72	5.44	0.0027	18	3.10	0.15	0.06	10.40	507.36	507.33
1 + 85.22	1 + 75.12	10.10	OS4 & OS10	2.79	2.79	0.50	1.40	0.00	1.40	1.40	1.96	1.96	0.00	10.40	100	9.7	19.01	0.0144	21	7.90	0.97	0.02	10.42	506.44	506.29
1 + 75.12	0 + 16.67	158.45	Bend	0.00	0.00	0.50	0.00	0.00	0.00	0.00	1.96	1.96	0.00	10.42	100	9.7	19.01	0.0144	21	7.90	0.97	0.33	10.75	501.91	499.63
LINE M																								
0 + 53.00	0 + 21.08	31.92	M2	1.06	1.06	0.50	0.53	0.00	0.53	0.53	0.53	0.53	0.00	10.00	100	9.8	5.19	0.0024	18	2.90	0.13	0.18	10.18	500.40	500.32
0 + 21.08	0 + 16.67	4.41	M3	1.45	1.45	0.50	0.73	0.00	0.73	0.73	1.26	1.26	0.00	10.18	100	9.76	12.30	0.0137	18	7.00	0.76	0.01	10.19	499.69	499.63
LINE N																								
0 + 96.62	0 + 79.88	16.74	K3	1.84	1.63	0.50	0.92	0.00	0.92	0.81	0.92	0.81	0.11	10.00	100	9.8	7.94	0.0057	18	4.50	0.31	0.06	10.06	516.09	515.99
0 + 79.88	0 + 47.44	32.44	Bend	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.92	0.81	0.00	10.06	100	9.79	7.93	0.0057	18	4.50	0.31	0.12	10.18	515.19	515.01