

11\07	98017.07	98015.86	0.00	0.0
11\06	98016.08	98014.91	0.00	0.0
11\05	98015.14	98014.41	0.00	0.0
11\04	98085.45	98085.21	0.00	0.0
11\03A	96233.65	96233.53	0.00	0.0
11\03	98769.13	98769.61	0.00	-0.0
11\02	98769.52	98769.61	0.00	-0.0
11\01	96233.53	96233.53	0.00	0.0
12\01	198.43	198.37	0.00	0.0
19\26	1227.63	1227.57	0.00	0.0
19\25	1227.57	1227.51	0.00	0.0
19\24	1529.09	1529.09	0.00	0.0
19\23	2001.91	2002.02	0.00	-0.0
19\22	2700.31	2699.52	0.00	0.0
19\21	2754.01	2753.43	0.00	0.0
19\20	2753.44	2752.99	0.00	0.0
19\19	2753.00	2753.14	0.00	-0.0
19\18	3099.19	3097.37	0.00	0.1
19\17	3311.03	3308.98	0.00	0.1
19\16	3313.73	3311.87	0.00	0.1
19\15	3338.39	3336.53	0.00	0.1
19\14	3397.51	3395.61	0.00	0.1
19\13	5302.44	5302.15	0.00	0.0
19\12	5302.16	5300.55	0.00	0.0
19\11	5585.92	5582.40	0.00	0.1
19\10	5766.63	5758.01	5.00	0.1
19\09	6067.59	6063.78	0.00	0.1
19\08	4706.91	4703.24	0.00	0.1
19\07	5290.93	5287.59	0.00	0.1
19\06	6601.17	6596.76	0.00	0.1
19\05	5471.66	5467.12	0.00	0.1
19\04	5546.55	5541.90	0.00	0.1
19\03	5722.22	5717.32	0.00	0.1
19\02	6609.69	6604.49	0.00	0.1
19\01	6604.49	6599.14	0.00	0.1
13\02	40.04	39.92	0.00	0.3
13\01	77.42	77.42	0.00	0.0
10\01	416.38	416.44	0.00	-0.0
9\18	5055.97	5056.09	0.00	-0.0
9\17	5056.09	5056.09	0.00	0.0
15\04	0.00	0.00	0.00	0.0
15\03	0.00	0.00	0.00	0.0
15\02	0.00	0.00	0.00	0.0
15\01	0.00	0.00	0.00	0.0
9\19	4639.53	4639.53	0.00	0.0
16\03	2666.17	2666.16	0.00	0.0
16\02	2661.90	2660.14	0.00	0.1
16\01	2660.14	2660.14	0.00	0.0
17\02	456.20	456.19	0.00	0.0
17\01	1907.07	1906.85	0.00	0.0
18\02	0.00	0.00	0.00	0.0
18\01	111.29	111.29	0.00	0.0
70\01	213.82	213.64	0.00	0.1
19\28	1029.43	1029.42	0.00	0.0
19\27	1029.42	1029.26	0.00	0.0
35\04	37.06	36.97	0.00	0.3
35\03	96.09	96.09	0.00	0.0
35\02	96.09	96.09	0.00	-0.0
35\01	96.09	96.09	0.00	-0.0
38\14	15872.27	15872.46	0.00	-0.0
38\13	15872.36	15872.46	0.00	-0.0
38\12	15872.36	15872.46	0.00	-0.0
38\11	15872.36	15872.46	0.00	-0.0
38\10	16583.21	16583.16	0.00	0.0
38\09	16583.12	16583.16	0.00	-0.0
38\08	16583.12	16583.16	0.00	-0.0
38\07	16583.12	16583.16	0.00	-0.0
38\06	16583.12	16583.16	0.00	-0.0
38\05	16681.04	16681.08	0.00	-0.0
38\04	16681.06	16681.08	0.00	-0.0
38\03	16924.23	16924.25	0.00	-0.0
38\02	16924.28	16924.25	0.00	0.0
38\01	16924.28	16926.78	0.00	-0.0
36\03	246.63	246.63	0.00	0.0
36\02	246.63	246.43	0.00	0.1
36\01	879.06	878.96	0.00	0.0
38\17	15457.44	15457.41	0.00	0.0
38\16	15461.20	15461.23	0.00	-0.0
38\15	15773.95	15776.37	0.00	-0.0
39\05	47.43	47.37	0.00	0.1
39\04	47.37	47.36	0.00	0.0
39\03	47.36	47.36	0.00	-0.0
39\02	308.49	307.93	0.41	0.0
39\01	307.93	307.69	0.00	0.1
40\03	68.06	68.05	0.00	0.0
40\02	74.34	74.37	0.00	-0.0
40\01	96.21	96.30	0.00	-0.1
41\02	65.41	65.41	0.00	0.0

198V02	4671.21	4671.21	0.00	0.0
198V01	4571.37	4567.90	0.00	0.1
199V01	204.83	204.83	0.00	0.0
O 1V02	0.00	0.00	0.00	0.0
O 9V02	1778.91	1778.91	0.00	0.0
O 11V02	2536.01	2536.01	0.00	0.0
O 46V02	9713.86	9713.86	0.00	0.0
O 90V02	0.00	0.00	0.00	0.0
22-02	8766.02	8766.02	0.00	0.0
22-02 A	8881.94	8881.94	0.00	0.0
22-01	9058.20	9058.25	0.00	-0.0
3-05	18026.45	17906.26	0.00	0.7
3-04	17987.22	17988.54	0.00	-0.0
3-03	18144.71	17988.54	0.00	0.9
3-02	17988.54	17988.53	0.00	0.0
3-01	19405.80	19407.93	0.00	-0.0
A-02	19457.48	19457.45	0.00	0.0
A-01	19457.63	19457.63	0.00	0.0
23-02	6422.14	6422.14	0.00	0.0
3-06	8729.90	8742.99	0.00	-0.1
3-06A	8823.53	8822.04	0.00	0.0
27-02	205.16	205.16	0.00	0.0
27-01	246.52	246.08	0.00	0.2
21-01	1685.28	1672.49	0.00	0.8
3-09	1887.44	1886.14	0.00	0.1
3-08	1949.85	1885.14	0.00	3.3
3-07	1924.87	1885.14	0.00	2.1
30-02	324.61	324.61	0.00	0.0
30-02 A	327.63	327.81	0.00	-0.1
30-01	347.98	347.96	0.00	0.0
21-03	1427.98	1427.98	0.00	-0.0
21-02	1433.19	1432.88	0.00	0.0
31-02	607.87	607.87	0.00	0.0
31-02 A	487.29	487.25	0.00	0.0
31-01	520.05	519.76	0.00	0.1
29-01	1297.01	1297.47	0.00	-0.0
119-02	0.00	0.00	0.00	0.0
119-01	0.00	0.00	0.00	0.0
120-01	643.60	643.60	0.00	0.0
121-01	717.48	717.53	0.00	-0.0
120A-01	0.00	0.00	0.00	0.0
119A-01	196.95	196.93	0.00	0.0
121-06	103.90	103.90	0.00	0.0
121-05	154.64	154.63	0.00	0.0
121-04	154.63	154.73	0.00	-0.1
121-03	154.73	154.73	0.00	0.0
121-02	154.73	154.71	0.00	0.0
122-02	0.00	0.00	0.00	0.0
122-01	0.00	0.00	0.00	0.0
122A-01	0.00	0.00	0.00	0.0
123-02	0.00	0.00	0.00	0.0
123-01	0.00	0.00	0.00	0.0
124A-02	80.82	80.79	0.00	0.0
124A-01	80.79	80.97	0.00	-0.2
125-02	432.38	432.38	0.00	0.0
125-01	432.38	432.31	0.00	0.0
132-02	268.03	268.03	0.00	0.0
132-01	268.03	267.50	0.00	0.2
N5971	0.00	0.00	0.00	0.0
3-11	0.00	0.00	0.00	0.0
3-10	0.00	0.00	0.00	0.0
29-02	0.00	0.00	0.00	0.0
29-02 A	370.80	370.90	0.00	-0.0
111A101	0.00	0.00	0.00	0.0
N1000	0.00	0.00	0.00	0.0
Dummy 1	928.17	928.17	0.00	0.0
Dummy 3	825.04	825.04	0.00	0.0
Dummy 2	1058.55	1058.55	0.00	0.0
N1012	0.00	0.00	0.00	0.0
N1013	0.00	0.00	0.00	0.0
200V04	0.00	0.00	0.00	0.0
200V03	0.00	0.00	0.00	0.0
200V02	0.00	0.00	0.00	0.0
200V01	0.00	0.00	0.00	0.0
201V01	0.00	0.00	0.00	0.0
202V02	0.00	0.00	0.00	0.0
202V01	0.00	0.00	0.00	0.0
204V02	0.00	0.00	0.00	0.0
204V01	0.00	0.00	0.00	0.0
205V04	0.00	0.00	0.00	0.0
205V03	0.00	0.00	0.00	0.0
205V02	0.00	0.00	0.00	0.0
205V01	0.00	0.00	0.00	0.0
206V03	5528.57	5528.55	0.00	0.0
206V02	5528.57	5528.48	0.00	0.0
206V01	5778.32	5778.26	0.00	0.0
208V02	13639.16	13646.55	0.00	-0.1
208V01	13133.69	13133.69	0.00	0.0

Run Log for AA004399 run at 16:57:46 on 7/3/2013 Water was lost from the system at 24-02 A. 1\02. 46\10 weir. 32-01 21-01 3-03 3-05 3-07 3-08

[illegible]



PROJECT SICEEP DARLING HARBOUR

TITLE 100 YEAR ARI WITH CLIMATE CHANGE RESULTS

JOB No
PREPARED
CHECKED

CM

AA004399
DATE
DATE

4/03/2013

DRAINS File Path:	F:\AA004399\D-Calcs\A-Civil\A-Stormwater\A-DRAINS
DRAINS Version:	DRAINS Version 2012.12 - 10 October 2012
Modeller's Name:	Chris McClelland
Description:	Proposed Development

DRAINS results prepared 09 March, 2013 from Version 2012.14

								RESULTS		
PIT / NODE DETAILS								100 YR ARI CC		
Name	Max HGL	Max Pond HGL	Max Surface Flow Arriving (cu.m/s)	Max Pond Volume (cu.m)	Version 8 Min Freeboard (m)	Overflow (cu.m/s)	Constraint			
1124	3.93		10.823		0.34	0.000	None			
1123	3.91		0.000		0.51	0.000	None			
1122	3.89		0.000		0.54	0.000	None			
1121	3.72		0.000		0.37	0.000	None			
1120	3.69		0.000		0.30	0.000	None			
1119	3.60		1.944		0.10	1.944	Inlet Capacity			
1118	3.33		1.944		0.12	1.944	Inlet Capacity			
1117	3.30		1.944		0.08	1.944	Inlet Capacity			
1116	3.16		2.196		0.00	3.385	Outlet System			
1115	3.05		3.385		0.19	3.385	Inlet Capacity			
1114	3.00		3.385		0.22	3.385	Inlet Capacity			
1113	2.97		15.640		0.25	15.640	Inlet Capacity			
1112	2.70		0.000		0.40	0.000	None			
1111	2.67		0.000		0.65	0.000	None			
1110	2.54		0.000		1.44	0.000	None			
1109	2.48		0.000		1.16	0.000	None			
1108	2.44		0.000		0.31	0.000	None			
1107	2.40		0.000		1.65	0.000	None			
1106	2.18		0.000		3.05	0.000	None			
1105	2.13		0.000		0.54	0.000	None			
1104	2.01		0.000		1.58	0.000	None			
1103	2.00		0.000		1.21	0.000	None			
1102	1.84		0.000		0.67	0.000	None			
1101	1.80		0.000							
5103	2.23		0.000		1.04	0.000	None			
5102	2.23		0.128		0.00	0.048	Outlet System			
5101	2.11		0.926		0.00	1.716	Outlet System			
46117	2.48		24.340		7.52	24.340	Inlet Capacity			
46116	2.46		24.340		7.54	24.340	Inlet Capacity			
46115	2.45		27.424		0.25	27.424	Inlet Capacity			
46114	2.42		27.424		0.18	27.424	Inlet Capacity			
46113	2.40		27.725		0.13	27.725	Inlet Capacity			
46112	2.36		27.738		3.33	27.738	Inlet Capacity			
46111	2.36		27.738		3.10	27.738	Inlet Capacity			
46110	2.34		0.180		0.32	0.180	Inlet Capacity			
46109	2.14		27.738		1.62	27.738	Inlet Capacity			
46108	2.14		27.738		1.44	27.738	Inlet Capacity			
46107	2.12		27.738		0.57	27.738	Inlet Capacity			
46106	2.11		28.588		1.02	28.588	Inlet Capacity			
46105	2.10		28.967		1.75	28.967	Inlet Capacity			
46104A	2.03		0.000		1.82	0.000	None			
46104	1.93		28.967		0.87	28.967	Inlet Capacity			
46103	1.90		28.967		1.00	28.967	Inlet Capacity			
46102	1.84		28.967		0.96	28.967	Inlet Capacity			
46101	1.80		0.000							
7103	2.70		0.000		2.16	0.000	None			
7102	2.70		0.045		2.41	0.016	Inlet Capacity			
7101	2.59		0.016		2.47	0.016	Inlet Capacity			
8104	2.59		0.016		2.28	0.016	Inlet Capacity			
8103	2.56		0.016		2.50	0.016	Inlet Capacity			
8102	2.45		0.016		1.28	0.016	Inlet Capacity			
8101	2.25		0.016		1.52	0.016	Inlet Capacity			
9116	2.19		15.177		1.94	15.177	Inlet Capacity			
9115	2.15		15.177		3.63	15.177	Inlet Capacity			
9114	2.08		15.177		7.92	15.177	Inlet Capacity			
9113	2.07		15.177		3.64	15.177	Inlet Capacity			
9112	2.06		15.214		3.44	15.214	Inlet Capacity			
9111	2.03		15.256		1.83	15.256	Inlet Capacity			
9110	2.02		15.256		0.71	15.256	Inlet Capacity			
9109	2.02		15.256		0.43	15.256	Inlet Capacity			
9108	2.02		15.256		0.44	15.256	Inlet Capacity			
9107	2.02		15.279		0.44	15.279	Inlet Capacity			
9106	2.02		15.279		1.34	15.279	Inlet Capacity			
9105	1.86		15.279		1.18	15.279	Inlet Capacity			
9104	1.85		15.482		1.51	15.482	Inlet Capacity			
9103	1.84		15.482		1.46	15.482	Inlet Capacity			
9102	1.82		15.482		0.85	15.482	Inlet Capacity			
9101	1.80		0.000							
8106	2.64		3.379		2.32	0.000	None			
8105	2.62		0.000		2.20	0.000	None			
11143	4.04		57.536		0.23	23.790	Inlet Capacity			
11142	3.97	3.97	0.000	5.0	-0.10	11.454	Outlet System			
11141	3.91	3.76	0.000	0.0	-0.14	0.000	Outlet System			
11140	3.83	3.97	0.000	3.7	-0.12	0.000	Outlet System			
11139	3.76	3.81	0.000	1.8	-0.21	0.000	Outlet System			
11138	3.45	3.54	0.000	0.0	0.09	0.000	None			
11137	3.41	3.58	0.000	0.0	0.17	0.000	None			
11136	3.37	3.61	0.000	0.0	0.25	0.000	None			
11135	3.27	3.64	0.000	0.0	0.37	0.000	None			
11134	3.17	3.67	0.000	0.0	0.50	0.000	None			
11133	3.15	3.74	0.000	0.0	0.60	0.000	None			
11132	3.10	3.77	0.000	0.0	0.67	0.000	None			
11131	3.00		0.002		0.61	0.002	Inlet Capacity			
11130	2.95		0.002		0.57	0.002	Inlet Capacity			

11/29	2.91		0.003		0.38	0.003	Inlet Capacity				
11/28	2.89		0.004		0.31	0.004	Inlet Capacity				
11/27	2.85		0.020		0.33	0.020	Inlet Capacity				
11/26	2.77		0.020		0.07	0.020	Inlet Capacity				
11/25	2.75		0.020		0.00	0.020	Inlet Capacity				
11/24	2.70		1.404		0.02	1.404	Inlet Capacity				
11/23	2.66		1.664		0.00	5.885	Outlet System				
11/22	2.62		6.373		0.00	6.373	Inlet Capacity				
11/21	2.57		6.373		0.22	6.373	Inlet Capacity				
11/20	2.50		6.373		0.34	6.373	Inlet Capacity				
11/19	2.48		6.436		0.42	6.436	Inlet Capacity				
11/18	2.45		6.436		0.49	6.436	Inlet Capacity				
11/17	2.42		6.436		0.88	6.436	Inlet Capacity				
11/16	2.40		6.796		1.31	6.796	Inlet Capacity				
11/15	2.27		6.796		7.73	6.796	Inlet Capacity				
11/14	2.23		7.130		7.77	7.130	Inlet Capacity				
11/13	2.22		7.130		7.78	7.130	Inlet Capacity				
11/12	2.22		7.166		7.78	6.840	Inlet Capacity				
11/11	2.19		7.233		0.10	7.233	Inlet Capacity				
11/10	2.07		7.233		0.25	7.233	Inlet Capacity				
11/09	2.06		7.233		2.88	7.233	Inlet Capacity				
11/08	1.97		7.233		1.63	7.233	Inlet Capacity				
11/07	1.97		7.233		0.76	7.233	Inlet Capacity				
11/06	1.95		7.233		0.67	7.233	Inlet Capacity				
11/05	1.90		7.233		1.28	7.233	Inlet Capacity				
11/04	1.89		7.233		1.18	7.233	Inlet Capacity				
11/03A	1.84		0.000		0.87	None					
11/03	1.82		7.487		0.89	7.487	Inlet Capacity				
11/02	1.82		7.487		0.71	7.487	Inlet Capacity				
11/01	1.80		0.000								
12/01	3.15		0.154		0.00	0.104	Outlet System				
19/26	3.13		0.630		0.00	0.721	Outlet System				
19/25	3.05		0.721		0.09	0.721	Inlet Capacity				
19/24	3.02		0.920		0.12	0.920	Inlet Capacity				
19/23	2.85		0.920		0.13	0.920	Inlet Capacity				
19/22	2.77		1.426		0.06	1.426	Inlet Capacity				
19/21	2.52		1.461		0.18	1.461	Inlet Capacity				
19/20	2.38		1.461		0.30	1.461	Inlet Capacity				
19/19	2.36		1.461		0.17	1.461	Inlet Capacity				
19/18	2.36		1.626		0.09	1.626	Inlet Capacity				
19/17	2.34		1.877		0.00	2.606	Outlet System				
19/16	2.34		2.674		0.00	2.674	Outlet System				
19/15	2.35		2.675		0.00	2.675	Outlet System				
19/14	2.35		2.833		0.01	2.833	Inlet Capacity				
19/13	2.35		3.733		0.25	3.733	Inlet Capacity				
19/12	2.35		3.733		0.27	3.733	Inlet Capacity				
19/11	2.34		3.733		0.22	3.733	Inlet Capacity				
19/10	2.34	2.49	3.733	5.0	0.05	3.733	Inlet Capacity				
19/09	2.34		3.733		0.17	3.733	Inlet Capacity				
19/08	2.33		0.000		0.11	None					
19/07	2.33		0.000		0.44	None					
19/06	2.32		3.622		0.08	3.622	Inlet Capacity				
19/05	2.32		0.000		0.09	None					
19/04	2.31		0.000		0.00	Outlet System					
19/03	2.36		0.000		0.17	None					
19/02	2.39		3.366		0.12	3.366	Inlet Capacity				
19/01	2.41		3.366		0.02	3.366	Inlet Capacity				
13/02	2.69		0.031		0.35	0.009	Inlet Capacity				
13/01	2.68		0.038		0.21	0.000	None				
10/01	2.67		0.102		0.45	0.102	Inlet Capacity				
9/18	2.45		15.501		1.08	15.175	Inlet Capacity				
9/17	2.45		15.175		1.41	15.175	Inlet Capacity				
15/04	2.97		0.000		1.95	0.000	None				
15/03	2.97		0.000		0.39	0.000	None				
15/02	2.97		0.000		0.67	0.000	None				
15/01	2.81		0.000		0.72	0.000	None				
9/19	2.81		15.447		0.44	15.447	Inlet Capacity				
16/03	4.40		2.010		0.00	0.473	Outlet System				
16/02	3.54	3.73	0.000	0.0	0.19	0.000	None				
16/01	3.36	3.62	0.000	0.0	0.26	0.000	None				
17/02	2.98		0.355		0.00	0.237	Outlet System				
17/01	2.68		0.959		0.00	1.046	Outlet System				
18/02	2.30		0.000		0.00	0.000	Outlet System				
18/01	2.28		0.087		0.00	0.100	Outlet System				
70/01	2.28		0.130		0.00	0.268	Outlet System				
19/28	5.25		0.801		0.00	0.384	Outlet System				
19/27	4.80		0.384		0.00	0.527	Outlet System				
35/04	4.81		0.029		0.22	0.010	Inlet Capacity				
35/03	3.53		0.056		1.72	0.056	Inlet Capacity				
35/02	3.53		0.056		1.32	0.056	Inlet Capacity				
35/01	3.53		0.056		0.84	0.056	Inlet Capacity				
38/14	3.53		0.254		0.75	0.254	Inlet Capacity				
38/13	3.45		0.254		0.64	0.254	Inlet Capacity				
38/12	3.42		0.254		0.55	0.254	Inlet Capacity				
38/11	3.30		0.254		6.70	0.254	Inlet Capacity				
38/10	3.08		0.807		0.78	0.575	Inlet Capacity				
38/09	2.99		0.575		1.10	0.575	Inlet Capacity				
38/08	2.87		0.575		1.32	0.575	Inlet Capacity				
38/07	2.83		0.575		1.47	0.575	Inlet Capacity				
38/06	2.80		0.575		2.09	0.575	Inlet Capacity				
38/05	2.72		0.643		2.10	0.643	Inlet Capacity				
38/04	2.66		0.643		1.69	0.643	Inlet Capacity				
38/03	2.57		0.798		1.56	0.798	Inlet Capacity				
38/02	2.50		0.798		1.25	0.798	Inlet Capacity				
38/01	2.21		0.798		1.66	0.798	Inlet Capacity				
36/03	2.15		0.192		1.72	0.109	Inlet Capacity				
36/02	2.12		0.109		2.56	0.109	Inlet Capacity				
36/01	2.12		0.577		2.55	0.577	Inlet Capacity				
38/17	4.96		7.182		1.56	0.000	None				
38/16	4.17		0.000		1.29	0.000	None				

38\15	3.60		0.198		0.84	0.198	Inlet Capacity						
39\05	4.54		0.037		1.02	0.012	Inlet Capacity						
39\04	4.31		0.012		1.23	0.002	Inlet Capacity						
39\03	2.37		0.002		1.41	0.002	Inlet Capacity						
39\02	2.35	2.39	0.002	0.7	0.02	0.000	Inlet Capacity						
39\01	2.34	2.39	0.000	0.0	0.05	0.000	None						
40\03	2.38	2.46	0.053	5.0	-0.01	0.010	Outlet System						
40\02	2.35	2.38	0.005	1.5	-0.06	0.000	Outlet System						
40\01	2.35	2.41	0.017	2.2	-0.11	0.000	Outlet System						
41\02	2.35	2.49	0.051	3.9	0.06	0.000	Inlet Capacity						
41\01	2.34	2.41	0.094	5.0	-0.03	0.029	Outlet System						
42\02	2.36	2.47	0.123	4.6	-0.08	0.000	Outlet System						
42\01	2.35	2.39	0.005	1.6	-0.11	0.000	Outlet System						
43\03	2.66		0.426		0.00	0.409	Outlet System						
43\02	2.62		0.504		0.00	0.548	Outlet System						
43\01	2.64		0.580		0.00	0.522	Outlet System						
44\02	2.70		1.385		1.12	1.385	Inlet Capacity						
44\01	2.70		1.385		0.11	1.385	Inlet Capacity						
45\05	6.70		2.544		1.88	0.000	None						
45\04	3.36		0.000		2.88	0.000	None						
45\03	3.08		0.000		3.17	0.000	None						
45\02	2.81		0.006		0.66	0.006	Inlet Capacity						
45\01	2.81		0.035		0.86	0.035	Inlet Capacity						
9\23	2.81		15.426		0.54	15.426	Inlet Capacity						
9\22	2.81		15.427		0.69	15.427	Inlet Capacity						
9\21	2.81		15.447		0.81	15.447	Inlet Capacity						
9\20	2.81		15.447		0.70	15.447	Inlet Capacity						
46\27	3.51		36.159		0.00	22.618	Outlet System						
46\26	3.11		22.618		0.61	22.618	Inlet Capacity						
46\25	3.09		22.622		0.54	22.622	Inlet Capacity						
46\24	2.87		22.622		0.38	22.622	Inlet Capacity						
46\23	2.82		22.622		0.39	22.622	Inlet Capacity						
46\22	2.75		22.845		0.07	22.845	Inlet Capacity						
46\21	2.70		22.845		0.07	22.845	Inlet Capacity						
46\20	2.68		22.845		0.00	22.845	Outlet System						
46\19	2.66		22.845		0.06	22.845	Inlet Capacity						
46\18	2.53	3.27	22.876	5.0	0.53	22.876	Inlet Capacity						
47\02	3.51		18.284		0.13	0.000	None						
47\01	3.01		0.461		0.00	12.468	Outlet System						
48\09	9.69		0.735		0.00	0.571	Outlet System						
48\08	8.78		0.571		0.03	0.571	Inlet Capacity						
48\07	4.33		0.571		1.01	0.571	Inlet Capacity						
48\06	4.30		0.571		0.87	0.571	Inlet Capacity						
48\05	4.26		0.571		0.88	0.571	Inlet Capacity						
48\04	4.19		0.571		0.42	0.571	Inlet Capacity						
48\03	4.03	4.03	0.571	5.0	-0.20	0.621	Outlet System						
48\02	3.98	3.99	0.000	5.0	-0.30	0.007	Outlet System						
48\01	3.95	3.82	0.000	2.1	-0.30	0.000	Outlet System						
49\01	4.29		0.004		1.35	0.000	None						
50\04	4.17		0.035		0.95	0.014	Inlet Capacity						
50\03	4.03		0.056		1.18	0.019	Inlet Capacity						
50\02	3.78		0.019		0.63	0.019	Inlet Capacity						
50\01	3.71		0.019		0.65	0.019	Inlet Capacity						
51\01	2.91		1.094		0.00	0.731	Outlet System						
52\05	2.74		0.044		0.53	0.016	Inlet Capacity						
52\04	2.72		0.063		0.48	0.026	Inlet Capacity						
52\03	2.67		0.040		0.38	0.017	Inlet Capacity						
52\02	2.63		0.033		0.00	0.069	Outlet System						
52\01	2.62		0.069		0.00	0.268	Outlet System						
53\01	3.51	3.64	0.000	0.0	0.13	0.000	None						
170\02	3.51	3.74	0.000	0.0	0.23	0.000	None						
170\01	3.46	3.71	0.000	0.0	0.25	0.000	None						
54\04	3.81	3.81	0.052	3.3	-0.23	0.000	Outlet System						
54\03	3.51	3.55	0.000	0.0	0.04	0.000	None						
54\02	3.49	3.56	0.000	0.0	0.07	0.000	None						
54\01	3.48	3.66	0.000	0.0	0.18	0.000	None						
55\03	4.03	4.03	0.473	5.0	-0.40	0.398	Outlet System						
55\02	3.82	3.89	0.000	0.0	0.07	0.000	None						
55\01	3.70	3.87	0.000	0.0	0.17	0.000	None						
59\02	3.86	3.94	0.000	3.4	-0.24	0.000	Outlet System						
59\01	3.85	3.80	0.009	1.6	-0.24	0.000	Outlet System						
60\01	2.91		0.285		0.00	0.345	Outlet System						
61\01	2.94		0.377		0.00	0.461	Outlet System						
61\02	3.01		0.072		0.06	0.031	Inlet Capacity						
62\03	2.98		0.081		1.43	0.036	Inlet Capacity						
62\02	2.98		0.036		0.68	0.012	Inlet Capacity						
62\01	2.81		0.012		0.81	0.012	Inlet Capacity						
63\03	2.81		0.015		0.66	0.002	Inlet Capacity						
63\02	2.81		0.024		0.49	0.006	Inlet Capacity						
63\01	2.81		0.006		0.61	0.006	Inlet Capacity						
64\03	2.24		0.000		1.01	0.000	None						
64\02	2.81		0.010		0.55	0.001	Inlet Capacity						
64\01	2.81		0.010		0.54	0.001	Inlet Capacity						
9\24	2.81		15.660		0.55	15.399	Inlet Capacity						
65\02	3.01		0.173		0.00	0.270	Outlet System						
65\01	3.11		0.270		0.10	0.270	Inlet Capacity						
67\02	4.30		0.000		0.87	0.000	None						
67\01	4.30		0.000		0.89	0.000	None						
68\02	2.35		0.006		0.03	0.000	Inlet Capacity						
68\01	2.35		0.016		0.03	0.003	Inlet Capacity						
69\02	2.23		0.024		0.00	0.014	Outlet System						
69\01	2.23		0.037		0.00	0.170	Outlet System						
70\03	2.33		0.078		0.00	0.062	Outlet System						
70\02	2.30		0.070		0.00	0.030	Outlet System						
71\03	2.92		0.000		0.40	0.000	None						
71\02	2.92		0.405		0.14	0.405	Inlet Capacity						
71\01	2.92		0.766		0.00	0.526	Outlet System						
73\04	3.92	3.92	0.000	4.6	-0.29	0.000	Outlet System						
73\03	3.95	3.92	0.000	3.5	-0.19	0.000	Outlet System						
73\02	3.96	3.91	0.000	2.8	-0.18	0.000	Outlet System						

73101	3.96	3.94	0.000	2.3	-0.09	0.000	Outlet System				
74102	3.95	3.96	0.088	5.0	-0.69	0.017	Outlet System				
74101	3.84	3.61	0.003	1.6	-0.51	0.000	Outlet System				
75102	3.24		0.003		0.35	0.000	None				
75101	3.24		0.066		0.42	0.028	Inlet Capacity				
76102	3.00		0.000		0.39	0.000	None				
76101	3.00		0.010		0.56	0.002	Inlet Capacity				
77101	3.04		0.004		0.63	0.000	None				
78108	3.43		0.120		0.00	0.112	Outlet System				
78107	3.38		0.112		0.00	0.106	Outlet System				
78106	3.27		0.173		0.00	0.176	Outlet System				
78105	3.22		0.183		0.00	0.189	Outlet System				
78104	3.21		0.208		0.00	0.207	Outlet System				
78103	3.19		0.207		0.00	0.207	Outlet System				
78102	3.18		0.214		0.00	0.210	Outlet System				
78101	3.15		0.225		0.00	0.199	Outlet System				
80101	2.26		0.156		0.04	0.084	Inlet Capacity				
79101	2.16	2.51	0.330	5.0	0.05	0.330	Inlet Capacity				
89101	5.64		0.036		0.94	0.023	Inlet Capacity				
182107	4.67		0.028		1.09	0.017	Inlet Capacity				
182106	3.42		0.021		1.83	0.011	Inlet Capacity				
182105	3.13		0.018		1.73	0.009	Inlet Capacity				
N1804	2.86		0.009								
90102	3.93		0.000		0.75	0.000	None				
90101	3.45		0.000								
111103	2.16		0.072		0.73	0.052	Inlet Capacity				
111102	2.09		0.144		0.75	0.144	Inlet Capacity				
111101	1.99		0.265		0.80	0.265	Inlet Capacity				
112101	2.84		0.169		0.00	0.094	Outlet System				
113102	1.99		0.000		0.71	0.000	None				
113101	1.99		0.000		0.76	0.000	None				
129101	2.23		0.000		0.01	0.000	None				
151102	2.59		0.000		0.17	0.000	None				
151101	2.59		0.145		0.29	0.077	Inlet Capacity				
152101	2.45		0.000		0.38	0.000	None				
179101	2.45		0.000		0.33	0.000	None				
153103	2.57		0.000		0.23	0.000	None				
153102	2.57		0.000		0.20	0.000	None				
153101	2.57	2.63	0.000	0.0	0.06	0.000	None				
154101	2.75		0.000		0.13	0.000	None				
155102	2.52		0.000		0.60	0.000	None				
155101	2.52		0.000		0.30	0.000	None				
156102	2.46		0.072		0.00	0.097	Outlet System				
156101	2.56		0.196		0.00	0.216	Outlet System				
157101	2.79		0.197		0.00	0.099	Outlet System				
158101	2.30		0.004		0.00	0.094	Outlet System				
159101	2.56		0.222		0.21	0.000	None				
160102	4.88		0.420		5.12	0.000	None				
160101	2.50		3.661		0.00	3.704	Outlet System				
161101	2.34		3.704		0.16	3.622	Inlet Capacity				
162101	2.34		3.622		0.13	3.540	Inlet Capacity				
163101	2.33		3.540		0.02	3.458	Inlet Capacity				
164101	2.55		3.473		0.00	3.366	Outlet System				
165101	2.35		0.000		0.37	0.000	None				
166101	2.35		3.735		0.12	3.853	Inlet Capacity				
167101	8.78		0.000		0.49	0.000	None				
168101	4.04	4.04	0.093	5.0	-0.40	0.038	Outlet System				
169101	3.92	3.92	0.018	5.0	-0.10	0.024	Outlet System				
170103	3.56		0.370		0.65	0.000	None				
171101	3.15	3.83	0.001	0.1	0.67	0.000	Inlet Capacity				
172101	3.82		0.028	2.1	-0.30	0.000	Outlet System				
173101	3.70	3.76	0.002	0.2	0.04	0.000	Inlet Capacity				
174101	3.00		0.025		0.27	0.001	Inlet Capacity				
175101	2.90		0.008		0.30	0.001	Inlet Capacity				
176101	2.87		0.039		0.35	0.016	Inlet Capacity				
177101	2.87		0.000		0.37	0.000	None				
178101	2.75		0.000		0.03	0.000	None				
179102	2.45		0.000		0.82	0.000	None				
180102	2.43		0.000		0.04	0.000	None				
180101	2.43		0.000		0.00	0.034	Outlet System				
181101	2.40		0.000		0.11	0.000	None				
182109	5.49		0.008		1.32	0.000	None				
182108	4.84		0.006		1.07	0.000	None				
186102	2.12		0.000		2.47	0.000	None				
186101	2.12		0.000		2.59	0.000	None				
187102	2.18		0.526		1.19	0.468	Inlet Capacity				
187101	2.15		0.468		1.25	0.468	Inlet Capacity				
189101	2.74		0.000		1.78	0.000	None				
190101	2.23		0.000		2.16	0.000	None				
191101	2.81		0.000		1.73	0.000	None				
192101	3.14		0.000		0.89	0.000	None				
197102	3.14		0.039		0.15	0.039	Inlet Capacity				
197101	2.95		0.039		0.27	0.039	Inlet Capacity				
193101	4.00		0.000		1.37	0.000	None				
197104	3.39		0.000		0.91	0.000	None				
197103	3.39		0.083		0.32	0.035	Inlet Capacity				
198102	4.83		3.522		0.00	1.284	Outlet System				
198101	3.79		0.000		0.00	0.692	Outlet System				
199101	2.00		0.159		0.68	0.128	Inlet Capacity				
22-02	2.57		5.404		1.43	0.000	None				
22-02 A	2.29		0.000		1.71		None				
22-01	2.25		0.000		0.30		None				
3-05	2.22		0.128		0.42		None				
3-04	2.08		0.000		0.59		None				
3-03	2.05		0.123		0.67		None				
3-02	1.99		0.000		0.91		None				
3-01	1.94		0.000		1.25		None				
A-02	1.90		0.039		1.45	0.039	Inlet Capacity				
A-01	1.80		0.039								
23-02	2.82		4.332		0.85	0.000	None				

21302	3.85		0.465		0.00	0.388	Outlet System				
21301	3.86		0.398		0.36	0.168	Inlet Capacity				
21402	5.52		0.041		0.41	0.003	Inlet Capacity				
21401	4.35		0.000		1.13	0.000	None				
21501	4.27		0.202		0.00	0.079	Outlet System				
21601	4.35		0.039		0.15	0.003	Inlet Capacity				
21701	4.41		0.083		0.40	0.014	Inlet Capacity				
21801	4.65		0.061		0.38	0.008	Inlet Capacity				
21901	4.71		0.045		0.40	0.004	Inlet Capacity				
22002	3.31		0.033		0.69	0.002	Inlet Capacity				
22001	3.29		0.002		0.30	0.002	Inlet Capacity				
22101	3.51		0.036		0.65	0.002	Inlet Capacity				
4610 weir	2.14		0.180		0.52		None				
Dummy DQ 1	2.95		0.266		0.89	0.000	None				
Dummy DQ 2	2.95		0.273		0.89	0.000	None				
Pit1483	15.29		7.984		0.00	5.973	Outlet System				
N1622	13.66		0.000								
Pit1563	2.12		0.055		0.95	0.000	None				
BV0102	2.26		2.399		0.14	2.358	Inlet Capacity				
BV0101	2.24		2.358		0.10	2.318	Inlet Capacity				
10202	2.07		0.625		0.35	0.625	Inlet Capacity				
10201	1.99		0.625		1.11	0.625	Inlet Capacity				
BV0202	2.25		2.304		0.00	2.299	Outlet System				
BV0201	2.25		2.328		0.06	2.287	Inlet Capacity				
BV0302	2.07		0.011		0.18	0.009	Inlet Capacity				
BV0301	2.07		0.014		0.24	0.011	Inlet Capacity				
BV0401	2.07		0.000		0.21	0.000	None				
BV0501	2.08		0.354		0.32	0.335	Inlet Capacity				
BV0603	5.64		2.352		0.88	2.312	Inlet Capacity				
BV0602	2.41		2.401		0.01	2.360	Inlet Capacity				
BV0601	2.32		0.333		0.10	0.315	Inlet Capacity				
9601	2.13		0.000		0.32	0.000	None				
BV0702	2.40		0.085		0.05	0.075	Inlet Capacity				
BV0701	2.38		0.234		0.06	0.217	Inlet Capacity				
BV0801	4.26		0.109		4.89	0.000	None				
13001	2.08		0.075		3.57	0.075	Inlet Capacity				
BV0902	2.45		0.046		0.02	0.039	Inlet Capacity				
BV0901	2.45		0.039		0.00	0.033	Inlet Capacity				
BV1002	2.14		0.053		0.35	0.046	Inlet Capacity				
BV1001	2.14		0.061		0.37	0.053	Inlet Capacity				
134-01	2.14		0.000		0.40	0.000	None				
BV1106	2.43		0.000		0.13	0.000	None				
BV1105	2.43		0.096		0.12	0.084	Inlet Capacity				
BV1104	2.42		0.179		0.11	0.164	Inlet Capacity				
BV1103	2.42		0.382		0.10	0.362	Inlet Capacity				
BV1102	2.41		0.450		0.10	0.429	Inlet Capacity				
BV1101	2.35		0.429		0.15	0.408	Inlet Capacity				
8101	2.30		0.000		0.27	0.000	None				
BV1205	2.23		0.056		0.24	0.049	Inlet Capacity				
BV1204	2.23		0.125		0.22	0.112	Inlet Capacity				
BV1203	2.22		0.509		0.21	0.487	Inlet Capacity				
BV1202	2.17		0.864		0.19	0.838	Inlet Capacity				
BV1201	2.14		0.934		0.11	0.907	Inlet Capacity				
PA1702	2.68		0.083		0.89	0.072	Inlet Capacity				
PA1701	2.68		0.072		0.50	0.063	Inlet Capacity				
PA1903	3.64		0.084		0.64	0.000	None				
PA1902	3.48		0.021		0.00	0.019	Outlet System				
PA1901	3.44		0.035		0.00	0.048	Outlet System				
PA2104	2.48		0.060		0.99	0.052	Inlet Capacity				
PA2103	2.24		0.045		1.10	0.039	Inlet Capacity				
PA2102	2.05		0.062		1.26	0.054	Inlet Capacity				
PA2101	1.87		0.000								
PA2205	2.84		0.086		1.16	0.000	None				
PA2204	2.61		0.016		1.02	0.012	Inlet Capacity				
PA2203	2.48		0.012		0.93	0.010	Inlet Capacity				
PA2202	2.81		0.032		0.55	0.026	Inlet Capacity				
PA2201	2.81		0.026		0.38	0.022	Inlet Capacity				
9025	2.81		15.660		0.26	15.660	Inlet Capacity				
PA2301	2.21		0.079		0.00	0.022	Outlet System				
PA2302	2.14		0.022		0.00	0.182	Outlet System				
7903	2.22	2.39	0.254	5.0	-0.03	0.123	Outlet System				
7902	2.19	2.28	0.037	4.0	0.00	0.000	Outlet System				
PA3002	3.04		1.022		0.00	0.861	Outlet System				
PA7004	2.07		0.041		0.62	0.000	None				
PA7003	2.03		0.016		0.18	0.000	None				
PA7002	2.01	2.01	0.025	1.0	0.00	0.035	Outlet System				
PA7001	2.00	1.99	0.027	1.0	-0.01	0.247	Outlet System				
SP0103	2.76		0.025		0.62	0.021	Inlet Capacity				
SP0102	2.39		0.042		1.19	0.036	Inlet Capacity				
SP0101	2.23		0.036		0.31	0.030	Inlet Capacity				
SP0204	7.01		0.062		2.99	0.000	None				
SP0203	2.79		0.035		0.54	0.030	Inlet Capacity				
SP0202	2.37		0.071		0.35	0.061	Inlet Capacity				
SP0201	2.27		0.295		0.84	0.277	Inlet Capacity				
SP0301	3.03		0.048		0.57	0.042	Inlet Capacity				
SP0402	2.57		0.127		0.36	0.114	Inlet Capacity				
SP0401	2.57		0.142		0.10	0.128	Inlet Capacity				
SP0502	2.53		0.182		0.00	0.219	Outlet System				
SP0501	2.56		0.167		0.04	0.152	Inlet Capacity				
SP0703	2.95		0.026		0.46	0.000	None				
SP0702	2.93		0.026		0.32	0.000	None				
SP0701	2.90		0.186		0.00	0.317	Outlet System				
SP0801	2.20		0.371		0.00	0.377	Outlet System				
SP0901	2.41		0.436		0.03	0.415	Inlet Capacity				
SP1001	2.93		0.425		0.37	0.405	Inlet Capacity				
SP1101	3.28		0.374		0.00	0.186	Outlet System				
SP1207	2.14		0.009		0.29	0.007	Inlet Capacity				
SP1206	2.14		0.020		0.19	0.016	Inlet Capacity				
SP1205	2.14		0.009		0.19	0.000	None				
SP1204	2.14		0.003		0.13	0.000	None				

F:\AA004399\D-Calcs\A-Civil\A-Stormwater\A-DRAINS\DRAINS Proposed Data and results 11/03/2013