



1. CONCEPTUAL DESIGN.
2. CONCEPTUAL DESIGN BASED ON THE COMBINED EFFECT OF THE EXISTING WATER COURSE.
3. NO OTHER DEVELOPMENT MAY BE PERMITTED WITHIN THE STUDY AREA WITHOUT THE APPROVAL OF THE LOCAL AUTHORITY. ANY SUCH DEVELOPMENT SHALL BE SUBJECT TO THE SAME CONSIDERATIONS AS THIS PROJECT AND SHALL BE REQUIRED TO PROVIDE FOR THE PROTECTION OF THE EXISTING WATER COURSE AND ITS FUNCTION.
4. THE SWAMP LOCATION SHOWN IS CONCEPTUAL AND SUBJECT TO CHANGE BASED ON THE RESULTS OF THE FIELD SURVEY. ALL SWAMP AREAS TO BE LOCATED OUTSIDE OF THE PROPERTY TO BE DEVELOPED.



Appendix C Post to Pre-Development Peak Flow Results



Flow Point ID	2-year, 24hr Chicago Peak Flow (m ³ /s)				5-year, 24hr Chicago Peak Flow (m ³ /s)				10-year, 24hr Chicago Peak Flow (m ³ /s)				25-year, 24hr Chicago Peak Flow (m ³ /s)				50-year, 24hr Chicago Peak Flow (m ³ /s)				100-year, 24hr Chicago Peak Flow (m ³ /s)			
	Existing	Proposed	Difference		Existing	Proposed	Difference		Existing	Proposed	Difference		Existing	Proposed	Difference		Existing	Proposed	Difference		Existing	Proposed	Difference	
FP 1	5.930	5.580	-0.350		6.343	5.947	-0.397		6.789	6.412	-0.377		7.290	6.856	-0.433		7.720	7.184	-0.536		8.094	7.533	-0.561	
FP 2	1.773	1.781	0.008		1.952	1.903	-0.048		2.004	1.900	-0.104		2.008	1.894	-0.114		2.024	1.914	-0.111		2.042	1.940	-0.102	
FP 3	1.773	1.790	0.017		1.951	1.913	-0.038		2.004	1.912	-0.092		2.007	1.905	-0.102		2.024	1.925	-0.099		2.042	1.951	-0.090	
FP 4	6.059	6.061	0.002		8.501	8.467	-0.034		9.432	9.349	-0.083		9.500	9.429	-0.071		9.862	9.795	-0.067		10.265	10.189	-0.076	
FP 5	8.140	8.055	-0.085		10.833	10.594	-0.239		11.865	11.414	-0.451		11.972	11.467	-0.505		12.370	11.854	-0.516		12.802	12.271	-0.530	
FP 6	7.289	7.324	0.035		7.586	7.576	-0.011		7.574	7.550	-0.024		7.507	7.509	0.002		7.506	7.518	0.012		7.555	7.544	-0.011	
FP 7	0.947	0.826	-0.121		1.687	1.282	-0.405		2.325	1.666	-0.660		2.878	2.171	-0.707		3.122	2.540	-0.582		3.375	2.865	-0.510	
FP 8	2.101	1.842	-0.258		3.756	2.949	-0.806		5.161	3.996	-1.165		6.659	5.299	-1.360		7.753	6.762	-0.991		8.808	7.721	-1.088	
FP 9	8.586	8.476	-0.110		9.143	9.009	-0.134		9.318	9.154	-0.163		9.508	9.309	-0.199		9.746	9.518	-0.228		9.999	9.844	-0.155	
FP 10	8.603	8.475	-0.128		9.161	9.009	-0.152		9.335	9.154	-0.182		9.526	9.309	-0.217		9.766	9.518	-0.248		10.171	9.871	-0.300	
FP 11	8.742	8.621	-0.122		9.349	9.252	-0.096		9.548	9.422	-0.125		9.767	9.616	-0.151		10.036	9.931	-0.105		11.189	11.284	0.095	
FP 12	1.761	1.507	-0.255		2.550	2.171	-0.379		3.176	2.696	-0.480		3.988	3.375	-0.613		4.592	0.824	-3.768		5.260	4.473	-0.786	