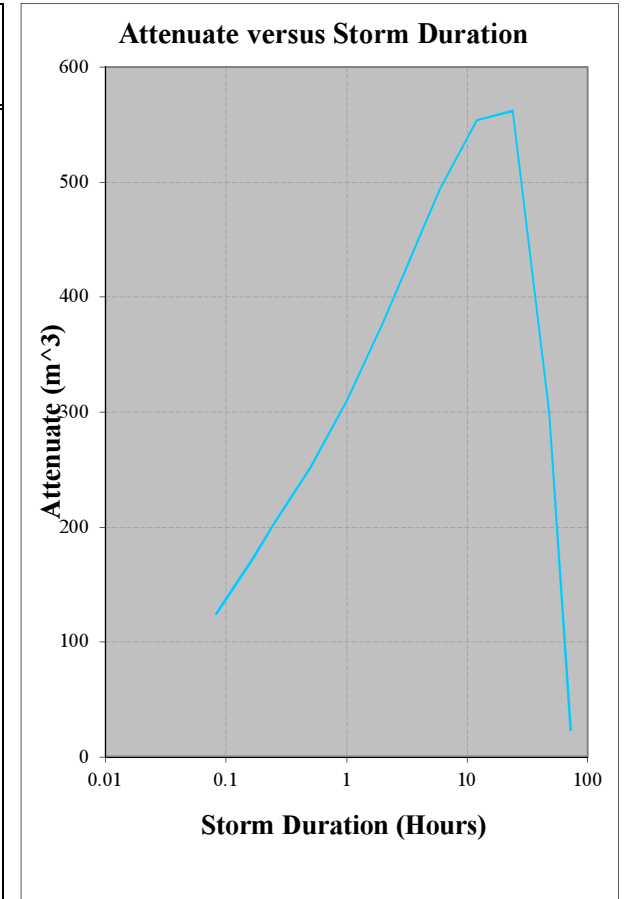




Hard Area: 5226 m² Permeable: 1890 m² Grassed: 2596 m² Green Roof: 2216 m² Equivalent Impermeable Area: 7033.8 m² Attenuated Flow Rate: 4.13 l/s
I. Factor: 0.80 I. Factor: 0.60 I. Factor: 0.15 I. Factor: 0.6

Storm Duration (Hours)	Rainfall (mm)	Total Surface Water (m ³)	Allowable Discharge (m ³)	Attenuate (m ³)
0.083	17.90	125.91	1.2337452	124.67
0.166	24.90	175.14	2.4674904	172.67
0.25	29.30	206.09	3.7161	202.37
0.50	36.80	258.84	7.4322	251.41
1.00	46.20	324.96	14.8644	310.10
2.00	57.90	407.26	29.7288	377.53
3.00	66.10	464.93	44.5932	420.34
4.00	72.70	511.36	59.4576	451.90
6.00	83.00	583.81	89.1864	494.62
12.00	104.10	732.22	178.3728	553.85
24.00	130.60	918.61	356.7456	561.87
48.00	144.00	1012.87	713.4912	299.38
72.00	155.50	1093.76	1070.2368	23.52



Maximum Volume of Attenuate: 561.87 m³ Climate Change/Urban Expansion: 1.2 Required Attenuation Volume = 674.24 m³

Note: This spreadsheet calculates the Volume of Attenuate based on a Return Period of: 100 years.