









KHD Stormwater Strategy - Zoning, and Riparian Context Details

Prepared by Northrop Engineers - refer to Northrop Plan CSK67 - Attachment D

Proposed Detention Basins

Basin	Basin Area (Ha)	0.5EY depth (m)	Volume (m3)	Location	Zoning
D1	0.1657	1.682	2787	Offline	R1
D2	0.0731	0.964	704	Offline	R1
D3	0.0693	0.997	690	Offline	R1
D4	0.512	0.997	5104	Online - 1st Order	R1 and B4
D5	0.2	0.982	1964	Online - 1st Order	E2
D6	0.4852	1.005	4876	Online - 1st Order	R1 and E2
D7	0.2	1.079	2158	Online - 2nd Order	B4
D8a	0.2	0.517	1034	Offline	E2 and R1
D8b	0.3	1.252	3756	Online - 1st Order	R1
D9	0.196	1.226	2402	Offline	E2
D10	1.015	1.439	14605	Offline	R1 and E2
D11	0.2106	1.438	3028	Offline	R1 and B4
D12	0.1682	1.605	2699	Offline	R1
DA	0.97		7465	Offline	R1
DD	1.1		15880	Online - 1st Order	R1
DF	1.69		15750	Offline	R1

Proposed Bioretention and Retention Devices

Catchment	Retention Volume Provided (m³) (0.5m depth)	Filter area (m²)	Surface Area (m²)	Estimated Land Slope at Device (%)	Approximate Land Take (m ²)	Location	Zoning
C01	912	1658	1825	12	4144	Offline	E2
C02	790	1425	1580	12	4624	Offline	E2
C03	2077	3900	4154	11	10292	Offline (Decomissioned 1st Order)	R1 and B4
C04	634	1130	1268	8	3039	Offline	В4
C05	744	1338	1488	7	3260	Offline	B4
C06	1008	1840	2016	18	5393	Offline	R1
C07	2135	4012	4269	10	9993	Offline	R1
C08	1192	2192	2383	9	5576	Offline	B4
C09	2467	4658	4935	10	11400	Offline (Decomissioned 1st Order)	R1
C10	1071	1960	2141	6	4201	Offline	E2 and B4
C11	1271	2344	2542	4	4276	Offline	R1
C12	4091	7825	8183	4	12540	Offline (Decomissioned 1st Order)	R1
C13	926	1683	1851	10	4704	Offline	R1
C14	3331	6340	6662	4	10331	Offline	B4
C15	1147	2106	2294	2	3379	Offline	B4
C16	261	435	522	16	1453	Offline (Decomissioned 1st Order)	R1
C17	386	665	772	19	2570	Offline	R1
C18	1415	2621	2830	2	4086	Offline	R1
C19	1206	2219	2411	5	4375	Offline	R1
C20	659	1177	1318	4	2413	Offline	R1
C21	583	1033	1166	5	2333	Offline	R1
C22	1017	1858	2034	4	3517	Offline	R1