



APPENDIX K: Microdrainage Results

Mayer Brown Limited										Page 1																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Lion House Oriental Road Woking, GU22 8AR					Hampton Park South & East Central Wetland Surface Water Drainage																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Existing Network Details for Storm * - Indicates pipe has been modified outside of System 1 <table><thead><tr><th></th><th>PN</th><th>Length (m)</th><th>Fall (m)</th><th>Slope (1:X)</th><th>I.Area (ha)</th><th>T.E. (mins)</th><th>k (mm)</th><th>HYD SECT</th><th>DIA (mm)</th><th>Section Type</th></tr></thead><tbody><tr><td></td><td>* 1.000</td><td>12.041</td><td>0.050</td><td>240.8</td><td>0.000</td><td>5.00</td><td>0.600</td><td>o</td><td>150</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 2.000</td><td>36.980</td><td>0.250</td><td>147.9</td><td>0.086</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 2.001</td><td>55.847</td><td>0.380</td><td>147.0</td><td>0.086</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 2.002</td><td>22.690</td><td>0.270</td><td>84.0</td><td>0.086</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 2.003</td><td>71.547</td><td>0.000</td><td>0.0</td><td>0.065</td><td>0.00</td><td>0.600</td><td>\/</td><td>-3</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 3.000</td><td>35.358</td><td>0.240</td><td>147.3</td><td>0.086</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 3.001</td><td>48.271</td><td>0.330</td><td>146.3</td><td>0.086</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 3.002</td><td>32.010</td><td>0.220</td><td>145.5</td><td>0.086</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 3.003</td><td>2.756</td><td>0.110</td><td>25.1</td><td>0.000</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 4.000</td><td>35.116</td><td>0.300</td><td>117.1</td><td>0.110</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 4.001</td><td>54.788</td><td>0.400</td><td>137.0</td><td>0.110</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 4.002</td><td>28.175</td><td>0.500</td><td>56.4</td><td>0.110</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 2.004</td><td>40.590</td><td>0.000</td><td>0.0</td><td>0.065</td><td>0.00</td><td>0.600</td><td>\/</td><td>-3</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 2.005</td><td>17.430</td><td>-0.100</td><td>-174.3</td><td>0.065</td><td>0.00</td><td>0.600</td><td>o</td><td>375</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 5.000</td><td>34.000</td><td>0.340</td><td>100.0</td><td>0.128</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 6.000</td><td>58.036</td><td>0.230</td><td>252.3</td><td>0.128</td><td>5.00</td><td>0.600</td><td>o</td><td>300</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 6.001</td><td>70.308</td><td>0.370</td><td>190.0</td><td>0.128</td><td>5.00</td><td>0.600</td><td>o</td><td>300</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 2.006</td><td>16.729</td><td>0.100</td><td>167.3</td><td>0.128</td><td>0.00</td><td>0.600</td><td>o</td><td>375</td><td>Pipe/Conduit</td></tr><tr><td></td><td>* 2.007</td><td>75.454</td><td>0.000</td><td>0.0</td><td>0.078</td><td>0.00</td><td>0.600</td><td>\/</td><td>-3</td><td>Pipe/Conduit</td></tr></tbody></table> <table><thead><tr><th></th><th>PN</th><th>US/MH Name</th><th>US/CL (m)</th><th>US/IL (m)</th><th>US C.Depth (m)</th><th>DS/CL (m)</th><th>DS/IL (m)</th><th>DS C.Depth (m)</th><th>Ctrl</th><th>US/MH (mm)</th></tr></thead><tbody><tr><td></td><td>* 1.000</td><td>Dummy MH</td><td>4.000</td><td>1.700</td><td>2.150</td><td>4.000</td><td>1.650</td><td>2.200</td><td></td><td>450</td></tr><tr><td></td><td>* 2.000</td><td>P6/5-SW1</td><td>4.400</td><td>3.400</td><td>0.775</td><td>4.400</td><td>3.150</td><td>1.025</td><td></td><td>1200</td></tr><tr><td></td><td>* 2.001</td><td>P6/5-SW2</td><td>4.400</td><td>3.150</td><td>1.025</td><td>4.500</td><td>2.770</td><td>1.505</td><td></td><td>1200</td></tr><tr><td></td><td>* 2.002</td><td>P6/5-SW3</td><td>4.500</td><td>2.770</td><td>1.505</td><td>4.400</td><td>2.500</td><td>1.675</td><td></td><td>1200</td></tr><tr><td></td><td>* 2.003</td><td>Swale 5_HW1</td><td>4.400</td><td>2.500</td><td>0.000</td><td>4.400</td><td>2.500</td><td>0.000</td><td></td><td>1200</td></tr><tr><td></td><td>* 3.000</td><td>P6/5-SW4</td><td>4.400</td><td>3.400</td><td>0.775</td><td>4.400</td><td>3.160</td><td>1.015</td><td></td><td>1200</td></tr><tr><td></td><td>* 3.001</td><td>P6/5-SW5</td><td>4.400</td><td>3.160</td><td>1.015</td><td>4.400</td><td>2.830</td><td>1.345</td><td></td><td>1200</td></tr><tr><td></td><td>* 3.002</td><td>P6/5-SW6</td><td>4.400</td><td>2.830</td><td>1.345</td><td>4.400</td><td>2.610</td><td>1.565</td><td></td><td>1200</td></tr><tr><td></td><td>* 3.003</td><td>P6/5-SW7</td><td>4.400</td><td>2.610</td><td>1.565</td><td>4.400</td><td>2.500</td><td>1.675</td><td></td><td>1200</td></tr><tr><td></td><td>* 4.000</td><td>P6/5-SW8</td><td>5.200</td><td>3.700</td><td>1.275</td><td>4.900</td><td>3.400</td><td>1.275</td><td></td><td>1200</td></tr><tr><td></td><td>* 4.001</td><td>P6/5-SW9</td><td>4.900</td><td>3.400</td><td>1.275</td><td>4.400</td><td>3.000</td><td>1.175</td><td></td><td>1200</td></tr><tr><td></td><td>* 4.002</td><td>P6/5-SW10</td><td>4.400</td><td>3.000</td><td>1.175</td><td>4.400</td><td>2.500</td><td>1.675</td><td></td><td>1200</td></tr><tr><td></td><td>* 2.004</td><td>Swale 5_HW2</td><td>4.400</td><td>2.500</td><td>0.000</td><td>4.400</td><td>2.500</td><td>0.000</td><td></td><td>1200</td></tr><tr><td></td><td>* 2.005</td><td>Swale 5_HW3</td><td>4.400</td><td>2.500</td><td>1.525</td><td>4.500</td><td>2.600</td><td>1.525</td><td></td><td>1200</td></tr><tr><td></td><td>* 5.000</td><td>P6/6-SW11</td><td>4.740</td><td>2.940</td><td>1.575</td><td>4.500</td><td>2.600</td><td>1.675</td><td></td><td>1200</td></tr><tr><td></td><td>* 6.000</td><td>P6/6-SW12</td><td>4.400</td><td>3.200</td><td>0.900</td><td>5.000</td><td>2.970</td><td>1.730</td><td></td><td>1200</td></tr><tr><td></td><td>* 6.001</td><td>P6/6-SW13</td><td>5.000</td><td>2.970</td><td>1.730</td><td>4.500</td><td>2.600</td><td>1.600</td><td></td><td>1200</td></tr><tr><td></td><td>* 2.006</td><td>P6/6-SW14</td><td>4.500</td><td>2.600</td><td>1.525</td><td>4.400</td><td>2.500</td><td>1.525</td><td></td><td>1200</td></tr><tr><td></td><td>* 2.007</td><td>Swale 6_HW1</td><td>4.400</td><td>2.500</td><td>0.000</td><td>4.400</td><td>2.500</td><td>0.000</td><td></td><td>1200</td></tr></tbody></table>												PN	Length (m)	Fall (m)	Slope (1:X)	I.Area (ha)	T.E. (mins)	k (mm)	HYD SECT	DIA (mm)	Section Type		* 1.000	12.041	0.050	240.8	0.000	5.00	0.600	o	150	Pipe/Conduit		* 2.000	36.980	0.250	147.9	0.086	5.00	0.600	o	225	Pipe/Conduit		* 2.001	55.847	0.380	147.0	0.086	5.00	0.600	o	225	Pipe/Conduit		* 2.002	22.690	0.270	84.0	0.086	5.00	0.600	o	225	Pipe/Conduit		* 2.003	71.547	0.000	0.0	0.065	0.00	0.600	\/	-3	Pipe/Conduit		* 3.000	35.358	0.240	147.3	0.086	5.00	0.600	o	225	Pipe/Conduit		* 3.001	48.271	0.330	146.3	0.086	5.00	0.600	o	225	Pipe/Conduit		* 3.002	32.010	0.220	145.5	0.086	5.00	0.600	o	225	Pipe/Conduit		* 3.003	2.756	0.110	25.1	0.000	5.00	0.600	o	225	Pipe/Conduit		* 4.000	35.116	0.300	117.1	0.110	5.00	0.600	o	225	Pipe/Conduit		* 4.001	54.788	0.400	137.0	0.110	5.00	0.600	o	225	Pipe/Conduit		* 4.002	28.175	0.500	56.4	0.110	5.00	0.600	o	225	Pipe/Conduit		* 2.004	40.590	0.000	0.0	0.065	0.00	0.600	\/	-3	Pipe/Conduit		* 2.005	17.430	-0.100	-174.3	0.065	0.00	0.600	o	375	Pipe/Conduit		* 5.000	34.000	0.340	100.0	0.128	5.00	0.600	o	225	Pipe/Conduit		* 6.000	58.036	0.230	252.3	0.128	5.00	0.600	o	300	Pipe/Conduit		* 6.001	70.308	0.370	190.0	0.128	5.00	0.600	o	300	Pipe/Conduit		* 2.006	16.729	0.100	167.3	0.128	0.00	0.600	o	375	Pipe/Conduit		* 2.007	75.454	0.000	0.0	0.078	0.00	0.600	\/	-3	Pipe/Conduit		PN	US/MH Name	US/CL (m)	US/IL (m)	US C.Depth (m)	DS/CL (m)	DS/IL (m)	DS C.Depth (m)	Ctrl	US/MH (mm)		* 1.000	Dummy MH	4.000	1.700	2.150	4.000	1.650	2.200		450		* 2.000	P6/5-SW1	4.400	3.400	0.775	4.400	3.150	1.025		1200		* 2.001	P6/5-SW2	4.400	3.150	1.025	4.500	2.770	1.505		1200		* 2.002	P6/5-SW3	4.500	2.770	1.505	4.400	2.500	1.675		1200		* 2.003	Swale 5_HW1	4.400	2.500	0.000	4.400	2.500	0.000		1200		* 3.000	P6/5-SW4	4.400	3.400	0.775	4.400	3.160	1.015		1200		* 3.001	P6/5-SW5	4.400	3.160	1.015	4.400	2.830	1.345		1200		* 3.002	P6/5-SW6	4.400	2.830	1.345	4.400	2.610	1.565		1200		* 3.003	P6/5-SW7	4.400	2.610	1.565	4.400	2.500	1.675		1200		* 4.000	P6/5-SW8	5.200	3.700	1.275	4.900	3.400	1.275		1200		* 4.001	P6/5-SW9	4.900	3.400	1.275	4.400	3.000	1.175		1200		* 4.002	P6/5-SW10	4.400	3.000	1.175	4.400	2.500	1.675		1200		* 2.004	Swale 5_HW2	4.400	2.500	0.000	4.400	2.500	0.000		1200		* 2.005	Swale 5_HW3	4.400	2.500	1.525	4.500	2.600	1.525		1200		* 5.000	P6/6-SW11	4.740	2.940	1.575	4.500	2.600	1.675		1200		* 6.000	P6/6-SW12	4.400	3.200	0.900	5.000	2.970	1.730		1200		* 6.001	P6/6-SW13	5.000	2.970	1.730	4.500	2.600	1.600		1200		* 2.006	P6/6-SW14	4.500	2.600	1.525	4.400	2.500	1.525		1200		* 2.007	Swale 6_HW1	4.400	2.500	0.000	4.400	2.500	0.000		1200
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	* 2.002	P6/5-SW3	4.500	2.770	1.505	4.400	2.500	1.675		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 2.003	Swale 5_HW1	4.400	2.500	0.000	4.400	2.500	0.000		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 3.000	P6/5-SW4	4.400	3.400	0.775	4.400	3.160	1.015		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 3.001	P6/5-SW5	4.400	3.160	1.015	4.400	2.830	1.345		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 3.002	P6/5-SW6	4.400	2.830	1.345	4.400	2.610	1.565		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 3.003	P6/5-SW7	4.400	2.610	1.565	4.400	2.500	1.675		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 4.000	P6/5-SW8	5.200	3.700	1.275	4.900	3.400	1.275		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 4.001	P6/5-SW9	4.900	3.400	1.275	4.400	3.000	1.175		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 4.002	P6/5-SW10	4.400	3.000	1.175	4.400	2.500	1.675		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 2.004	Swale 5_HW2	4.400	2.500	0.000	4.400	2.500	0.000		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 2.005	Swale 5_HW3	4.400	2.500	1.525	4.500	2.600	1.525		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 5.000	P6/6-SW11	4.740	2.940	1.575	4.500	2.600	1.675		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 6.000	P6/6-SW12	4.400	3.200	0.900	5.000	2.970	1.730		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 6.001	P6/6-SW13	5.000	2.970	1.730	4.500	2.600	1.600		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 2.006	P6/6-SW14	4.500	2.600	1.525	4.400	2.500	1.525		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	* 2.007	Swale 6_HW1	4.400	2.500	0.000	4.400	2.500	0.000		1200																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Mayer Brown Limited										Page 2
Lion House Oriental Road Woking, GU22 8AR					Hampton Park South & East Central Wetland Surface Water Drainage					
Date 01/06/2021					Designed by SF					
File East of wetlands_Revise...					Checked by SF					
Innovyze					Network 2020.1					
<u>Existing Network Details for Storm</u>										
	PN	Length (m)	Fall (m)	Slope (1:X)	I.Area (ha)	T.E. (mins)	k (mm)	HYD SECT	DIA (mm)	Section Type
	* 7.000	39.050	0.390	100.1	0.128	5.00	0.600	o	225	Pipe/Conduit
	* 7.001	58.786	0.810	72.6	0.128	0.00	0.600	o	225	Pipe/Conduit
	* 7.002	18.126	0.100	181.3	0.128	5.00	0.600	o	225	Pipe/Conduit
	* 8.000	34.730	0.230	151.0	0.107	5.00	0.600	o	225	Pipe/Conduit
	* 8.001	23.508	0.160	146.9	0.107	5.00	0.600	o	225	Pipe/Conduit
	* 8.002	37.061	0.710	52.2	0.107	5.00	0.600	o	225	Pipe/Conduit
	* 8.003	10.867	0.100	108.7	0.107	5.00	0.600	o	225	Pipe/Conduit
	* 2.008	51.615	0.000	0.0	0.078	0.00	0.600	\/	-3	Pipe/Conduit
	* 2.009	29.351	0.100	293.5	0.078	0.00	0.600	o	375	Pipe/Conduit
	* 9.000	58.942	0.500	117.9	0.222	5.00	0.600	o	225	Pipe/Conduit
	* 9.001	53.693	0.000	0.0	0.647	5.00	0.600	\/	-4	Pipe/Conduit
	* 10.000	77.654	0.520	149.3	0.222	5.00	0.600	o	300	Pipe/Conduit
	* 10.001	59.107	0.400	147.8	0.222	0.00	0.600	o	300	Pipe/Conduit
	* 11.000	77.607	0.920	84.4	0.222	5.00	0.600	o	300	Pipe/Conduit
	* 10.002	59.014	0.380	155.3	0.222	0.00	0.600	o	375	Pipe/Conduit
	* 12.000	77.603	1.100	70.5	0.222	5.00	0.600	o	300	Pipe/Conduit
	* 10.003	13.021	0.200	65.1	0.222	0.00	0.600	o	375	Pipe/Conduit
	PN	US/MH Name	US/CL (m)	US/IL (m)	US C.Depth (m)	DS/CL (m)	DS/IL (m)	DS C.Depth (m)	Ctrl	US/MH (mm)
	* 7.000	P6/6-SW15	5.200	3.800	1.175	4.900	3.410	1.265		1200
	* 7.001	P6/6-SW16	4.900	3.410	1.265	4.400	2.600	1.575		1200
	* 7.002	P6/6-SW17	4.400	2.600	1.575	4.400	2.500	1.675		1200
	* 8.000	P6/6-SW18	5.200	3.700	1.275	5.000	3.470	1.305		1200
	* 8.001	P6/6-SW19	5.000	3.470	1.305	4.750	3.310	1.215		1200
	* 8.002	P6/6-SW20	4.750	3.310	1.215	4.400	2.600	1.575		1200
	* 8.003	P6/6-SW21	4.400	2.600	1.575	4.400	2.500	1.675		1200
	* 2.008	Swale 6_HW2	4.400	2.500	0.000	4.400	2.500	0.000		1200
	* 2.009	Swale 6_HW3	4.400	2.500	1.525	4.400	2.400	1.625		1200
	* 9.000	P7/7-SW7	4.500	3.000	1.275	4.400	2.500	1.675		1200
	* 9.001	Swale 7 & Lake	4.400	2.400	0.000	4.400	2.400	0.000		1200
	* 10.000	P7/7-SW1	5.400	3.900	1.200	5.200	3.380	1.520		1200
	* 10.001	P7/7-SW2	5.200	3.380	1.520	4.800	2.980	1.520		1200
	* 11.000	P7/7-SW3	5.400	3.900	1.200	4.800	2.980	1.520		1200
	* 10.002	P7/7-SW4	4.800	2.980	1.445	4.400	2.600	1.425		1200
	* 12.000	P7/7-SW5	5.200	3.700	1.200	4.400	2.600	1.500		1200
	* 10.003	P7/7-SW6	4.400	2.600	1.425	4.400	2.400	1.625		1200
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Mayer Brown Limited										Page 3																																																																																																																																																																																																																																																																																																																																																																																																													
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(mins)</th><th>k (mm)</th><th>HYD SECT</th><th>DIA (mm)</th><th>Section Type</th></tr></thead><tbody><tr><td>*</td><td>9.002</td><td>15.880</td><td>0.000</td><td>0.0</td><td>0.156</td><td>0.00</td><td>0.600</td><td>\/</td><td>-4</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>2.010</td><td>68.854</td><td>0.000</td><td>0.0</td><td>0.078</td><td>0.00</td><td>0.600</td><td>\/</td><td>-4</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>13.000</td><td>19.880</td><td>0.150</td><td>132.5</td><td>0.107</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>13.001</td><td>29.478</td><td>0.200</td><td>147.4</td><td>0.107</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>13.002</td><td>15.498</td><td>0.450</td><td>34.4</td><td>0.107</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>2.011</td><td>96.780</td><td>0.000</td><td>0.0</td><td>0.078</td><td>0.00</td><td>0.600</td><td>\/</td><td>-4</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>14.000</td><td>96.639</td><td>0.640</td><td>151.0</td><td>0.156</td><td>5.00</td><td>0.600</td><td>o</td><td>300</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>14.001</td><td>32.294</td><td>0.230</td><td>140.4</td><td>0.156</td><td>0.00</td><td>0.600</td><td>o</td><td>300</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>14.002</td><td>36.276</td><td>0.240</td><td>151.2</td><td>0.156</td><td>0.00</td><td>0.600</td><td>o</td><td>300</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>15.000</td><td>46.957</td><td>0.610</td><td>77.0</td><td>0.156</td><td>5.00</td><td>0.600</td><td>o</td><td>300</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>14.003</td><td>28.048</td><td>0.290</td><td>96.7</td><td>0.156</td><td>0.00</td><td>0.600</td><td>o</td><td>300</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>2.012</td><td>10.892</td><td>0.100</td><td>108.9</td><td>0.078</td><td>0.00</td><td>0.600</td><td>o</td><td>450</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>16.000</td><td>42.721</td><td>0.220</td><td>194.2</td><td>0.052</td><td>5.00</td><td>0.600</td><td>o</td><td>300</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>16.001</td><td>15.527</td><td>0.080</td><td>194.1</td><td>0.052</td><td>0.00</td><td>0.600</td><td>o</td><td>300</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>17.000</td><td>27.597</td><td>0.200</td><td>138.0</td><td>0.075</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>17.001</td><td>65.023</td><td>0.440</td><td>147.8</td><td>0.075</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr><tr><td>*</td><td>17.002</td><td>28.194</td><td>0.160</td><td>176.2</td><td>0.075</td><td>5.00</td><td>0.600</td><td>o</td><td>225</td><td>Pipe/Conduit</td></tr></tbody></table> <table><thead><tr><th></th><th>PN</th><th>US/MH Name</th><th>US/CL (m)</th><th>US/IL (m)</th><th>US C.Depth (m)</th><th>DS/CL (m)</th><th>DS/IL (m)</th><th>DS C.Depth (m)</th><th>Ctrl</th><th>US/MH (mm)</th></tr></thead><tbody><tr><td>*</td><td>9.002</td><td>Swale 7_HW2</td><td>4.400</td><td>2.400</td><td>0.000</td><td>4.400</td><td>2.400</td><td>0.000</td><td></td><td>1200</td></tr><tr><td>*</td><td>2.010</td><td>Swale 7_HW3</td><td>4.400</td><td>2.400</td><td>0.000</td><td>4.400</td><td>2.400</td><td>0.000</td><td></td><td>1200</td></tr><tr><td>*</td><td>13.000</td><td>P6/7-SW1</td><td>4.800</td><td>3.300</td><td>1.275</td><td>4.600</td><td>3.150</td><td>1.225</td><td></td><td>1200</td></tr><tr><td>*</td><td>13.001</td><td>P6/7-SW2</td><td>4.600</td><td>3.150</td><td>1.225</td><td>4.400</td><td>2.950</td><td>1.225</td><td></td><td>1200</td></tr><tr><td>*</td><td>13.002</td><td>P6/7-SW3</td><td>4.400</td><td>2.950</td><td>1.225</td><td>4.400</td><td>2.500</td><td>1.675</td><td></td><td>1200</td></tr><tr><td>*</td><td>2.011</td><td>Swale 7_HW4</td><td>4.400</td><td>2.400</td><td>0.000</td><td>4.400</td><td>2.400</td><td>0.000</td><td></td><td>1200</td></tr><tr><td>*</td><td>14.000</td><td>School 01</td><td>4.800</td><td>3.900</td><td>0.600</td><td>4.800</td><td>3.260</td><td>1.240</td><td></td><td>1200</td></tr><tr><td>*</td><td>14.001</td><td>School 02</td><td>4.800</td><td>3.260</td><td>1.240</td><td>4.800</td><td>3.030</td><td>1.470</td><td></td><td>1200</td></tr><tr><td>*</td><td>14.002</td><td>School 03</td><td>4.800</td><td>3.030</td><td>1.470</td><td>4.800</td><td>2.790</td><td>1.710</td><td></td><td>1200</td></tr><tr><td>*</td><td>15.000</td><td>School 04</td><td>4.800</td><td>3.400</td><td>1.100</td><td>4.800</td><td>2.790</td><td>1.710</td><td></td><td>1200</td></tr><tr><td>*</td><td>14.003</td><td>School 04</td><td>4.800</td><td>2.790</td><td>1.710</td><td>4.400</td><td>2.500</td><td>1.600</td><td></td><td>1200</td></tr><tr><td>*</td><td>2.012</td><td>Swale 7_HW5</td><td>4.400</td><td>2.400</td><td>1.550</td><td>4.400</td><td>2.300</td><td>1.650</td><td></td><td>1200</td></tr><tr><td>*</td><td>16.000</td><td>P5/3_S24</td><td>4.400</td><td>2.700</td><td>1.400</td><td>4.400</td><td>2.480</td><td>1.620</td><td></td><td>1200</td></tr><tr><td>*</td><td>16.001</td><td>P5/3_S26</td><td>4.400</td><td>2.480</td><td>1.620</td><td>4.400</td><td>2.400</td><td>1.700</td><td></td><td>1200</td></tr><tr><td>*</td><td>17.000</td><td>P6/3-SW1</td><td>4.600</td><td>3.200</td><td>1.175</td><td>4.400</td><td>3.000</td><td>1.175</td><td></td><td>1200</td></tr><tr><td>*</td><td>17.001</td><td>P6/3-SW2</td><td>4.400</td><td>3.000</td><td>1.175</td><td>4.400</td><td>2.560</td><td>1.615</td><td></td><td>1200</td></tr><tr><td>*</td><td>17.002</td><td>P6/3_SW3</td><td>4.400</td><td>2.560</td><td>1.615</td><td>4.400</td><td>2.400</td><td>1.775</td><td></td><td>1200</td></tr></tbody></table>													PN	Length (m)	Fall (m)	Slope (1:X)	I.Area (ha)	T.E. (mins)	k (mm)	HYD SECT	DIA (mm)	Section Type	*	9.002	15.880	0.000	0.0	0.156	0.00	0.600	\/	-4	Pipe/Conduit	*	2.010	68.854	0.000	0.0	0.078	0.00	0.600	\/	-4	Pipe/Conduit	*	13.000	19.880	0.150	132.5	0.107	5.00	0.600	o	225	Pipe/Conduit	*	13.001	29.478	0.200	147.4	0.107	5.00	0.600	o	225	Pipe/Conduit	*	13.002	15.498	0.450	34.4	0.107	5.00	0.600	o	225	Pipe/Conduit	*	2.011	96.780	0.000	0.0	0.078	0.00	0.600	\/	-4	Pipe/Conduit	*	14.000	96.639	0.640	151.0	0.156	5.00	0.600	o	300	Pipe/Conduit	*	14.001	32.294	0.230	140.4	0.156	0.00	0.600	o	300	Pipe/Conduit	*	14.002	36.276	0.240	151.2	0.156	0.00	0.600	o	300	Pipe/Conduit	*	15.000	46.957	0.610	77.0	0.156	5.00	0.600	o	300	Pipe/Conduit	*	14.003	28.048	0.290	96.7	0.156	0.00	0.600	o	300	Pipe/Conduit	*	2.012	10.892	0.100	108.9	0.078	0.00	0.600	o	450	Pipe/Conduit	*	16.000	42.721	0.220	194.2	0.052	5.00	0.600	o	300	Pipe/Conduit	*	16.001	15.527	0.080	194.1	0.052	0.00	0.600	o	300	Pipe/Conduit	*	17.000	27.597	0.200	138.0	0.075	5.00	0.600	o	225	Pipe/Conduit	*	17.001	65.023	0.440	147.8	0.075	5.00	0.600	o	225	Pipe/Conduit	*	17.002	28.194	0.160	176.2	0.075	5.00	0.600	o	225	Pipe/Conduit		PN	US/MH Name	US/CL (m)	US/IL (m)	US C.Depth (m)	DS/CL (m)	DS/IL (m)	DS C.Depth (m)	Ctrl	US/MH (mm)	*	9.002	Swale 7_HW2	4.400	2.400	0.000	4.400	2.400	0.000		1200	*	2.010	Swale 7_HW3	4.400	2.400	0.000	4.400	2.400	0.000		1200	*	13.000	P6/7-SW1	4.800	3.300	1.275	4.600	3.150	1.225		1200	*	13.001	P6/7-SW2	4.600	3.150	1.225	4.400	2.950	1.225		1200	*	13.002	P6/7-SW3	4.400	2.950	1.225	4.400	2.500	1.675		1200	*	2.011	Swale 7_HW4	4.400	2.400	0.000	4.400	2.400	0.000		1200	*	14.000	School 01	4.800	3.900	0.600	4.800	3.260	1.240		1200	*	14.001	School 02	4.800	3.260	1.240	4.800	3.030	1.470		1200	*	14.002	School 03	4.800	3.030	1.470	4.800	2.790	1.710		1200	*	15.000	School 04	4.800	3.400	1.100	4.800	2.790	1.710		1200	*	14.003	School 04	4.800	2.790	1.710	4.400	2.500	1.600		1200	*	2.012	Swale 7_HW5	4.400	2.400	1.550	4.400	2.300	1.650		1200	*	16.000	P5/3_S24	4.400	2.700	1.400	4.400	2.480	1.620		1200	*	16.001	P5/3_S26	4.400	2.480	1.620	4.400	2.400	1.700		1200	*	17.000	P6/3-SW1	4.600	3.200	1.175	4.400	3.000	1.175		1200	*	17.001	P6/3-SW2	4.400	3.000	1.175	4.400	2.560	1.615		1200	*	17.002	P6/3_SW3	4.400	2.560	1.615	4.400	2.400	1.775		1200
	PN	Length (m)	Fall (m)	Slope (1:X)	I.Area (ha)	T.E. (mins)	k (mm)	HYD SECT	DIA (mm)	Section Type																																																																																																																																																																																																																																																																																																																																																																																																													
*	9.002	15.880	0.000	0.0	0.156	0.00	0.600	\/	-4	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	2.010	68.854	0.000	0.0	0.078	0.00	0.600	\/	-4	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	13.000	19.880	0.150	132.5	0.107	5.00	0.600	o	225	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	13.001	29.478	0.200	147.4	0.107	5.00	0.600	o	225	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
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*	2.011	96.780	0.000	0.0	0.078	0.00	0.600	\/	-4	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	14.000	96.639	0.640	151.0	0.156	5.00	0.600	o	300	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	14.001	32.294	0.230	140.4	0.156	0.00	0.600	o	300	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	14.002	36.276	0.240	151.2	0.156	0.00	0.600	o	300	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	15.000	46.957	0.610	77.0	0.156	5.00	0.600	o	300	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	14.003	28.048	0.290	96.7	0.156	0.00	0.600	o	300	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	2.012	10.892	0.100	108.9	0.078	0.00	0.600	o	450	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	16.000	42.721	0.220	194.2	0.052	5.00	0.600	o	300	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	16.001	15.527	0.080	194.1	0.052	0.00	0.600	o	300	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	17.000	27.597	0.200	138.0	0.075	5.00	0.600	o	225	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	17.001	65.023	0.440	147.8	0.075	5.00	0.600	o	225	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
*	17.002	28.194	0.160	176.2	0.075	5.00	0.600	o	225	Pipe/Conduit																																																																																																																																																																																																																																																																																																																																																																																																													
	PN	US/MH Name	US/CL (m)	US/IL (m)	US C.Depth (m)	DS/CL (m)	DS/IL (m)	DS C.Depth (m)	Ctrl	US/MH (mm)																																																																																																																																																																																																																																																																																																																																																																																																													
*	9.002	Swale 7_HW2	4.400	2.400	0.000	4.400	2.400	0.000		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	2.010	Swale 7_HW3	4.400	2.400	0.000	4.400	2.400	0.000		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	13.000	P6/7-SW1	4.800	3.300	1.275	4.600	3.150	1.225		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	13.001	P6/7-SW2	4.600	3.150	1.225	4.400	2.950	1.225		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	13.002	P6/7-SW3	4.400	2.950	1.225	4.400	2.500	1.675		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	2.011	Swale 7_HW4	4.400	2.400	0.000	4.400	2.400	0.000		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	14.000	School 01	4.800	3.900	0.600	4.800	3.260	1.240		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	14.001	School 02	4.800	3.260	1.240	4.800	3.030	1.470		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	14.002	School 03	4.800	3.030	1.470	4.800	2.790	1.710		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	15.000	School 04	4.800	3.400	1.100	4.800	2.790	1.710		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	14.003	School 04	4.800	2.790	1.710	4.400	2.500	1.600		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	2.012	Swale 7_HW5	4.400	2.400	1.550	4.400	2.300	1.650		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	16.000	P5/3_S24	4.400	2.700	1.400	4.400	2.480	1.620		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	16.001	P5/3_S26	4.400	2.480	1.620	4.400	2.400	1.700		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	17.000	P6/3-SW1	4.600	3.200	1.175	4.400	3.000	1.175		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	17.001	P6/3-SW2	4.400	3.000	1.175	4.400	2.560	1.615		1200																																																																																																																																																																																																																																																																																																																																																																																																													
*	17.002	P6/3_SW3	4.400	2.560	1.615	4.400	2.400	1.775		1200																																																																																																																																																																																																																																																																																																																																																																																																													
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