

SANITARY SEWER COMPUTATION SHEET																								
JOB NO. : 2017.01180					PROJECT: HAMLET ON JEROME															DATE : 01/24/19				
					n = 0.013 Infiltration = 0.001 cfs per acre Average Sanitary Flow = 0.0002 cfs per person															REVISED DATE : SHEET : 1 of 1 CALCULATED BY: JRP CHECKED BY: BJM				
Manhole No.	Acres	Incr. Units	Total Acres	Total Units	Population			Peak Factor	Sanitary Flow - cfs				Pipe Size in.	Slope %	Velocity fps	Q cfs	Q % full	Length ft.	MH-MH Station	Invert (Down)	MH DROP	Invert (Up)	Rim Elevation	
					Per. Un.	Incr.	Total		Average	Peak	Infilt.	Design												
7	1.19	2.0	2.94	8.0	3.5	28	28	3.5	0.0056	0.0196	0.0029	0.0225	8	0.49	2.42	0.84	2.7	212.35	1130.71	983.69			997.43	
6	1.45	9.0	4.39	17.0	3.5	32	60	3.5	0.0119	0.0417	0.0044	0.0460	8	1.04	3.53	1.23	3.7	232.42	918.36	982.55	0.10	982.65	993.32	
5	0.12	3.0	4.51	20.0	3.5	11	70	3.5	0.0140	0.0490	0.0045	0.0535	8	0.45	2.32	0.81	6.6	106.33	685.94	974.50	5.64	980.14	990.80	
4	1.45	0.0	23.56	125.6	3.5	370	440	3.5	0.0879	0.3077	0.0236	0.3313	8	0.45	2.32	0.81	40.9	201.50	579.61	973.92	0.10	974.02	985.56	
3	1.33	1.0	24.89	126.6	3.5	4	443	3.5	0.0886	0.3102	0.0249	0.3351	8	0.45	2.33	0.81	41.2	212.43	378.11	972.91	0.10	973.01	982.81	
2	0.48	0.0	25.37	126.6	3.5	0	443	3.5	0.0886	0.3102	0.0254	0.3355	8	0.45	2.32	0.81	41.4	90.00	165.68	971.85	0.10	971.95	993.88	
1	0.67	0.0	26.04	126.6	3.5	0	443	3.5	0.0886	0.3102	0.0260	0.3362	8	0.45	2.32	0.81	41.5	75.68	75.68	971.34	0.10	971.44	990.29	
EX 21	0.00	0.0	26.04	126.6	3.5	0	443	3.5	0.0886	0.3102	0.0260	0.3362	8	0.45	2.32	0.81	41.5		0.00	970.51	0.49	971.00	990.29	
8	0.64	3.0	0.64	3.0	3.5	11	11	3.5	0.0021	0.0074	0.000													