

NORTH VIEW, MANCHESTER						
PRE & POST DEVELOPMENT ESTIMATD FLOODING COMPARISON.						
30-Year Storm		Pre-Development		Post-Development		Pre-Post Development Comparison
Pipe Number	US/MH Name	Event	Flooded Volume (m³)	Event	Flooded Volume (m³)	
1.000	541	30 minute 30 year Winter I+0%	3.62	30 minute 30 year Winter I+0%	3.55	-0.072
1.001	542	60 minute 30 year Winter I+0%	3.77	60 minute 30 year Winter I+0%	3.36	-0.413
2.000	538	30 minute 30 year Winter I+0%	3.44	30 minute 30 year Winter I+0%	3.43	-0.011
2.001	561	60 minute 30 year Winter I+0%	25.89	60 minute 30 year Winter I+0%	25.14	-0.749
2.002	562	30 minute 30 year Winter I+0%	4.58	30 minute 30 year Winter I+0%	4.43	-0.154
3.000	578	30 minute 30 year Winter I+0%	28.02	30 minute 30 year Winter I+0%	26.37	-1.658
1.006	712	30 minute 30 year Winter I+0%	2.53	30 minute 30 year Winter I+0%	1.41	-1.123
1.008	709	30 minute 30 year Winter I+0%	97.76	30 minute 30 year Winter I+0%	24.33	-73.431
5.003	89	30 minute 30 year Winter I+0%	7.15	30 minute 30 year Winter I+0%	6.61	-0.538
5.005	92	30 minute 30 year Winter I+0%	1.61			-1.612
4.006	819a	30 minute 30 year Winter I+0%	38.62			-38.62
6.000	187	60 minute 30 year Winter I+0%	62.75	60 minute 30 year Winter I+0%	57.26	-5.488
6.001	186	60 minute 30 year Winter I+0%	27.11	30 minute 30 year Winter I+0%	1.33	-25.78
11.000	39	30 minute 30 year Winter I+0%	18.04	30 minute 30 year Winter I+0%	18.04	0
100-Year Storm (+40%CC)		Pre-Development		Post-Development		Pre-Post Development Comparison
Pipe Number	US/MH Name	Event	Flooded Volume (m³)	Event	Flooded Volume (m³)	
1.000	541	120 minute 100 year Winter I+40%	20.26	120 minute 100 year Winter I+40%	19.915	-0.345
1.001	542	120 minute 100 year Winter I+40%	27.645	120 minute 100 year Winter I+40%	27.192	-0.453
1.003	613	30 minute 100 year Winter I+40%	1.451	30 minute 100 year Winter I+40%	1.444	-0.007
2.000	538	30 minute 100 year Winter I+40%	21.866	30 minute 100 year Winter I+40%	21.861	-0.005
2.001	561	120 minute 100 year Winter I+40%	89.111	120 minute 100 year Winter I+40%	88.68	-0.431
2.002	562	60 minute 100 year Winter I+40%	53.242	60 minute 100 year Winter I+40%	52.971	-0.271
1.004	615	30 minute 100 year Winter I+40%	8.106	30 minute 100 year Winter I+40%	8.068	-0.038
3.000	578	60 minute 100 year Winter I+40%	175.703	60 minute 100 year Winter I+40%	174.696	-1.007
3.001	848	60 minute 100 year Winter I+40%	31.162	60 minute 100 year Winter I+40%	30.228	-0.934
3.002	851	30 minute 100 year Winter I+40%	69.726	30 minute 100 year Winter I+40%	69.329	-0.397
3.003	1018	30 minute 100 year Winter I+40%	19.628	30 minute 100 year Winter I+40%	19.452	-0.176
3.004	714	15 minute 100 year Winter I+40%	17.433	15 minute 100 year Winter I+40%	17.374	-0.059
1.006	712	60 minute 100 year Winter I+40%	64.81	60 minute 100 year Winter I+40%	57.281	-7.529
1.008	709	60 minute 100 year Winter I+40%	345.409	60 minute 100 year Winter I+40%	205.852	-139.557
5.002	88	30 minute 100 year Winter I+40%	17.667	30 minute 100 year Winter I+40%	17.654	-0.013
5.003	89	60 minute 100 year Winter I+40%	39.562	60 minute 100 year Winter I+40%	39.509	-0.053
5.005	92	60 minute 100 year Winter I+40%	17.123	30 minute 100 year Winter I+40%	9.713	-7.41
	N-OUTFALL			60 minute 100 year Winter I+40%	5.289	5.289
4.005	819	60 minute 100 year Winter I+40%	50.561			-50.561
4.006	819a	60 minute 100 year Winter I+40%	358.032	30 minute 100 year Winter I+40%	115.186	-242.846
6.000	187	120 minute 100 year Winter I+40%	204.631	120 minute 100 year Winter I+40%	199.375	-5.256
6.001	186	180 minute 100 year Winter I+40%	91.526	60 minute 100 year Winter I+40%	44.328	-47.198
1.010	045d	15 minute 100 year Winter I+40%	11.121			-11.121
7.000	26	30 minute 100 year Winter I+40%	37.782			-37.782
8.000	20	30 minute 100 year Winter I+40%	44.811			-44.811
11.000	39	60 minute 100 year Winter I+40%	86.673	60 minute 100 year Winter I+40%	86.673	0
11.001	44	30 minute 100 year Winter I+40%	13.104	30 minute 100 year Winter I+40%	13.104	0