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3rd Floor, The Hallmark Building 52-56 LeadenHall Street London, EC3M 5JE		
Date 25/08/2023 File 2105140-FWS-NT1_V5.MDX	Designed by adennis Checked by	
Innovyze	Network 2020.1	

FOUL SEWERAGE DESIGN

Network Design Table for 2105140-FWS-NT1\_V5.FWS

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F1.000	19.645	0.350	56.1	0.000	6	0.0	1.500	o	100	Pipe/Conduit	
F1.001	46.122	0.308	149.7	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
F2.000	15.888	0.358	44.4	0.000	3	0.0	1.500	o	100	Pipe/Conduit	
F1.002	17.919	0.120	149.3	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
F1.003	23.591	0.157	150.3	0.000	2	0.0	1.500	o	150	Pipe/Conduit	
F1.004	16.885	0.167	101.1	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F1.005	21.323	0.434	49.1	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F1.006	14.058	0.676	20.8	0.000	0	0.0	1.500	o	150	Pipe/Conduit	

Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F1.000	28.200	0.000	0.0	6	0.0	14	0.42	0.89	7.0	0.3
F1.001	27.800	0.000	0.0	12	0.0	22	0.35	0.71	12.6	0.6
F2.000	27.900	0.000	0.0	3	0.0	10	0.36	1.00	7.9	0.1
F1.002	27.492	0.000	0.0	19	0.0	27	0.41	0.72	12.6	0.9
F1.003	27.372	0.000	0.0	21	0.0	29	0.42	0.71	12.6	1.0
F1.004	27.215	0.000	0.0	21	0.0	26	0.48	0.87	15.4	1.0
F1.005	27.048	0.000	0.0	21	0.0	22	0.62	1.25	22.1	1.0
F1.006	26.614	0.000	0.0	21	0.0	18	0.84	1.93	34.1	1.0