

Curtins Consulting		Page 2
Merchant Exchange 17-19 Whitworth Street West Manchester M1 5WG		
Date 04/04/2022 15:53	Designed by Marta.Wolska	
File stage 3 01.04.22.MDX	Checked by	
Micro Drainage		Network 2018.1.1

FOUL SEWERAGE DESIGN

Network Design Table for Foul - Unit

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Units	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F1.008	8.619	0.108	80.0	0.000	0.0	0.0	1.500	o	100	Pipe/Conduit	
F1.009	7.555	0.094	80.0	0.000	0.0	0.0	1.500	o	100	Pipe/Conduit	
F5.000	19.939	0.498	40.0	0.000	0.9	0.0	1.500	o	100	Pipe/Conduit	
F1.010	2.237	0.028	80.0	0.000	0.0	0.0	1.500	o	100	Pipe/Conduit	
F1.011	2.064	0.026	80.0	0.000	0.0	0.0	1.500	o	100	Pipe/Conduit	

Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Units	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F1.008	31.350	0.000	0.0	19.9	0.0	52	0.76	0.74	5.8	3.1
F1.009	31.242	0.000	0.0	19.9	0.0	52	0.76	0.74	5.8	3.1
F5.000	32.250	0.000	0.0	0.9	0.0	19	0.62	1.05	8.3	0.7
F1.010	31.148	0.000	0.0	20.8	0.0	53	0.76	0.74	5.8	3.2
F1.011	31.120	0.000	0.0	20.8	0.0	53	0.76	0.74	5.8	3.2

