

**Design Settings**

Frequency of use (kDU)	1.00	Additional Flow (%)	0	Preferred Cover Depth (m)	0.600
Flow per dwelling per day (l/day)	4000	Minimum Velocity (m/s)	1.00	Include Intermediate Ground	✓
Domestic Flow (l/s/ha)	0.0	Connection Type	Level Soffits		
Industrial Flow (l/s/ha)	0.0	Minimum Backdrop Height (m)	1.000		

**Nodes**

Name	Dwellings	Cover Level (m)	Manhole Type	Easting (m)	Northing (m)	Depth (m)
FW 04 (P2_Out)		208.900	Adoptable	332119.310	289169.100	0.678
FW 06 (P1_Out)		207.850	Adoptable	332117.722	289153.924	1.000
FW 0201	1	209.550	Adoptable	332113.111	289176.992	1.000
FW 0202		209.550	Adoptable	332113.482	289169.771	1.181
FW 0203	1	209.550	Adoptable	332110.375	289169.612	1.000
FW 0101	1	208.550	Adoptable	332110.758	289163.667	1.000
FW 0102		208.550	Adoptable	332112.849	289163.957	1.053
FW 0103		208.550	Adoptable	332113.862	289156.650	1.238

**Links**

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)
F1.000	FW 0101	FW 0102	2.111	1.500	207.550	207.497	0.053	39.8	100
F1.001	FW 0102	FW 0103	7.377	1.500	207.497	207.312	0.185	39.9	100
F1.002	FW 0103	FW 06 (P1_Out)	4.726	1.500	207.312	206.850	0.462	10.2	100

Name	Pro Vel @ 1/3 Q (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Dwellings (ha)	Σ Units (ha)	Σ Add Inflow (ha)	Pro Depth (mm)	Pro Velocity (m/s)	
F1.000	0.178	1.056	8.3	0.0	0.900	0.953	0.000		1	0.0	0.0	6	0.267
F1.001	0.178	1.056	8.3	0.0	0.953	1.138	0.000		1	0.0	0.0	6	0.267
F1.002	0.288	2.090	16.4	0.0	1.138	0.900	0.000		1	0.0	0.0	4	0.418

Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)
F2.000	FW 0201	FW 0202	7.231	1.500	208.550	208.369	0.181	39.9	100
F2.001	FW 0203	FW 0202	3.111	1.500	208.550	208.369	0.181	17.2	100
F2.002	FW 0202	FW 04 (P2_Out)	5.867	1.500	208.369	208.222	0.147	39.9	100




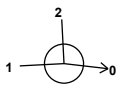



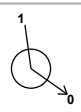
Name	Pro Vel @ 1/3 Q (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Dwellings (ha)	Σ Units (ha)	Σ Add Inflow (ha)	Pro Depth (mm)	Pro Velocity (m/s)
F2.000	0.177	1.055	8.3	0.0	0.900	1.081	0.000		1	0.0	6	0.267
F2.001	0.221	1.611	12.7	0.0	0.900	1.081	0.000		1	0.0	5	0.366
F2.002	0.239	1.055	8.3	0.1	1.081	0.578	0.000		2	0.0	7	0.319

Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
F1.000	2.111	39.8	100	Circular	208.550	207.550	0.900	208.550	207.497	0.953
F1.001	7.377	39.9	100	Circular	208.550	207.497	0.953	208.550	207.312	1.138
F1.002	4.726	10.2	100	Circular	208.550	207.312	1.138	207.850	206.850	0.900
F2.000	7.231	39.9	100	Circular	209.550	208.550	0.900	209.550	208.369	1.081
F2.001	3.111	17.2	100	Circular	209.550	208.550	0.900	209.550	208.369	1.081
F2.002	5.867	39.9	100	Circular	209.550	208.369	1.081	208.900	208.222	0.578

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
F1.000	FW 0101	460	Manhole	Adoptable	FW 0102	460	Manhole	Adoptable
F1.001	FW 0102	460	Manhole	Adoptable	FW 0103	460	Manhole	Adoptable
F1.002	FW 0103	460	Manhole	Adoptable	FW 06 (P1_Out)	460	Manhole	Adoptable
F2.000	FW 0201	460	Manhole	Adoptable	FW 0202	460	Manhole	Adoptable
F2.001	FW 0203	460	Manhole	Adoptable	FW 0202	460	Manhole	Adoptable
F2.002	FW 0202	460	Manhole	Adoptable	FW 04 (P2_Out)	460	Manhole	Adoptable

**Manhole Schedule**

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
FW 04 (P2_Out)	332119.310	289169.100	208.900	0.678	460		1	F2.002	208.222	100
FW 06 (P1_Out)	332117.722	289153.924	207.850	1.000	460		1	F1.002	206.850	100
FW 0201	332113.111	289176.992	209.550	1.000	460		0	F2.000	208.550	100
FW 0202	332113.482	289169.771	209.550	1.181	460		1 2 0	F2.001 F2.000 F2.002	208.369 208.369 208.369	100 100 100
FW 0203	332110.375	289169.612	209.550	1.000	460		0	F2.001	208.550	100
FW 0101	332110.758	289163.667	208.550	1.000	460		0	F1.000	207.550	100
FW 0102	332112.849	289163.957	208.550	1.053	460		1	F1.000	207.497	100
FW 0103	332113.862	289156.650	208.550	1.238	460		1 0	F1.001 F1.002	207.497 207.312	100 100