

Job Title: 84 Houses at Darndale
Calculation by: LS
Checked by: LM

Job number: 25D046
Date: 17/04/2026

Proposed Foul Drainage Design							
Manhole Ref Number	Cover Level (m)	Invert Level (m)	Depth To Manhole (m)	Gradient (1 in)	Pipe Diameter (mm)	Velocity flowing full (m/s)	Pipe Capacity (l/s)
EX. FM4	34.76	33.46	1.300				
F01	34.600	33.288	1.312	80	150	0.98	17.30
F02	34.500	33.178	1.322	80	150	0.98	17.30
F03	34.400	32.838	1.562	80	150	0.98	17.30
F04	34.900	34.204	0.696	60	150	1.13	20.00
F05	34.775	34.060	0.715	100	150	0.88	15.46
F06	34.775	33.875	0.900	100	150	0.88	15.46
F07	34.715	33.872	0.843	100	150	0.88	15.46
F08	34.775	33.687	1.088	100	150	0.88	15.46
F09	34.580	33.435	1.145	200	225	0.81	32.18
F10	34.175	33.113	1.062	200	225	0.81	32.18
F11	34.220	33.078	1.142	200	225	0.81	32.18
F12	34.365	32.918	1.447	200	225	0.81	32.18
F13	34.775	33.539	1.236	60	225	1.48	58.95
F14	34.430	32.984	1.446	60	225	1.48	58.95
F15	34.180	32.672	1.508	200	225	0.81	32.18
F16	34.160	33.256	0.904	200	225	0.81	32.18
F17	33.910	32.582	1.328	200	225	0.81	32.18
F18	33.380	32.246	1.134	200	225	0.81	32.18
F19	33.650	32.116	1.534	200	225	0.81	32.18
F20	33.270	31.806	1.464	200	225	0.81	32.18
F21	33.690	31.663	2.027	200	225	0.81	32.18
F22	33.650	31.616	2.034	200	225	0.81	32.18
Ex. FMH6	34.260	32.820	1.440	150	150	0.71	12.61
F23	34.200	32.733	1.467	150	150	0.71	12.61
F24	34.080	32.681	1.399				