

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

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

Proposed Surface 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. SMH1	34.76	30.33	4.430				
S01	34.600	30.305	4.295	300	750	1.44	636.66
S02	34.500	30.050	4.450	300	750	1.44	636.66
S03	34.400	30.000	4.400	300	750	1.44	636.66
S04	34.700	31.536	3.164	200	300	0.98	69.16
S05	34.540	31.456	3.084	200	300	0.98	69.16
S06	34.600	31.434	3.166	200	300	0.98	69.16
S07	34.700	31.492	3.208	200	300	0.98	69.16
S08	34.100	32.574	1.526	200	300	0.98	69.16
S09	34.185	32.384	1.801	200	300	0.98	69.16
S10	34.385	32.138	2.247	200	300	0.98	69.16
S11	34.160	31.973	2.187	200	300	0.98	69.16
S12	34.175	31.947	2.228	200	300	0.98	69.16
S13	34.130	31.909	2.221	200	300	0.98	69.16
S15	34.450	31.763	2.687	200	300	0.98	69.16
S16	34.550	31.659	2.891	200	300	0.98	69.16
S14	34.050	31.981	2.069	200	300	0.98	69.16
S17	34.845	31.937	2.908	200	300	0.98	69.16
S18	33.975	32.462	1.513	200	300	0.98	69.16