

The Alan Johnston Partnership		Page 1
1 Dale Street Liverpool L2 2ET	221-130 Lickers Lane 1 in 100 Yr +40% CC	
Date 10/10/2023 10:01 File 11.07.23 SW&FW NETWORK.MDX	Designed by J Poole Checked by J Speers	
Micro Drainage	Network 2019.1	

Volume Summary (Static)

Length Calculations based on Centre-Centre

Pipe Number	USMH Name	Manhole Volume (m³)	Pipe Volume (m³)	Total Volume (m³)
1.000	1	8.971	12.714	21.684
1.001	2	7.977	13.461	21.438
2.000	3	8.174	9.145	17.320
2.001	4	9.023	7.147	16.169
1.002	5	8.676	6.892	15.569
1.003	6	10.796	7.510	18.306
1.004	7	11.742	0.546	12.287
1.005	8	6.925	0.444	7.369
3.000	9	16.823	4.695	21.517
1.006	10	18.738	13.617	32.355
1.007	11	9.556	2.642	12.198
1.008	12	8.943	2.576	11.519
4.000	13	17.599	1.119	18.718
4.001	14	14.239	5.676	19.915
4.002	16	8.236	0.118	8.354
4.003	16a	3.672	0.595	4.267
4.004	23	22.194	8.713	30.907
4.005	24	21.330	14.178	35.508
4.006	25	54.721	37.959	92.680
4.007	25a	55.098	37.328	92.426
4.008	26	52.380	29.450	81.830
5.000	17	20.615	12.251	32.866
5.001	18	14.706	4.737	19.443
5.002	19	10.723	2.008	12.731
5.003	20	14.150	0.369	14.519
5.004	21	4.197	0.846	5.043
4.009	26A	51.840	57.228	109.068
4.010	27	54.151	103.605	157.756
1.009	28	56.319	85.588	141.907
1.010	29	56.747	0.723	57.470
Total		659.261	483.878	1143.140

Volume Summary (Static)

Length Calculations based on True Length

Pipe Number	USMH Name	Manhole Volume (m³)	Pipe Volume (m³)	Total Volume (m³)
1.000	1	8.971	11.786	20.757
1.001	2	7.977	12.533	20.510
2.000	3	8.174	8.218	16.392
2.001	4	9.023	6.219	15.242
1.002	5	8.676	5.965	14.641
1.003	6	10.796	6.583	17.379
1.004	7	11.742	0.514	12.256
1.005	8	6.925	0.412	7.337
3.000	9	16.823	4.240	21.063
1.006	10	18.738	13.163	31.901
1.007	11	9.556	2.187	11.743
1.008	12	8.943	2.261	11.204
4.000	13	17.599	0.785	18.384
4.001	14	14.239	5.342	19.581
4.002	16	8.236	0.086	8.323
4.003	16a	3.672	0.560	4.232
4.004	23	22.194	7.186	29.380
4.005	24	21.330	12.269	33.599
4.006	25	54.721	28.798	83.519
4.007	25a	55.098	28.167	83.265
4.008	26	52.380	20.289	72.669
5.000	17	20.615	11.657	32.272
5.001	18	14.706	4.143	18.849
5.002	19	10.723	1.372	12.094
5.003	20	14.150	0.291	14.441
5.004	21	4.197	0.745	4.941
4.009	26A	51.840	48.067	99.907
4.010	27	54.151	94.444	148.595
1.009	28	56.319	76.427	132.746
1.010	29	56.747	0.596	57.343
Total		659.261	415.305	1074.566