

Foul Water Manhole Schedules

Chamber Reference	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Chamber Type	Connections	IL (m)	Dia (mm)
F1	538715	131951	151.000	0.700	450	PPIC		150.300	100
F2	538704	131945	149.700	0.700	450	PPIC		149.000	100
F3	538699	131954	149.700	0.962	450	PPIC		148.738	100
F4	538696	131970	150.900	0.700	450	PPIC		150.200	100
F5	538692	131965	149.500	1.679	450	PPIC		147.821	150
F6	538673	131967	146.700	1.626	450	PPIC		145.074	150
F7	538662	131947	144.500	2.657	450	PPIC		141.843	150
F8	538644	131911	139.400	3.324	450	PPIC		136.076	150
F9	538668	131853	141.600	0.700	450	PPIC		140.900	100
F10	538681	131848	141.600	1.057	450	PPIC		140.543	100
F11	538707	131838	141.600	1.459	450	PPIC		140.191	100
F12	538709	131843	141.700	1.593	450	PPIC		140.107	150
F13	538711	131847	141.700	1.624	450	PPIC		140.076	150
F14	538713	131853	141.700	1.664	450	PPIC		140.036	150
F15	538715	131858	141.700	1.702	450	PPIC		139.998	150
F16	538707	131861	141.900	1.961	450	PPIC		139.939	150
F17	538701	131862	141.900	2.000	450	PPIC		139.900	150
F18	538691	131866	141.900	2.073	450	PPIC		139.827	150
F19	538686	131869	141.900	0.700	450	PPIC		141.200	100
F20	538691	131871	141.900	2.106	450	PPIC		139.794	150
F21	538691	131887	143.500	3.810	450	PPIC		139.690	150
F22	538676	131897	141.500	1.927	450	PPIC		139.573	150
F23	538670	131899	141.400	1.874	450	PPIC		139.526	150

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F24	538669	131897	141.400	1.888	450	PPIC		139.512	150
F25	538659	131902	140.500	1.065	450	PPIC		139.435	150
F26	538652	131885	138.750	0.750	450	PPIC		138.000	150
F27	538623	131874	135.800	1.620	450	PPIC		133.980	150
F28	538608	131834	133.000	0.750	450	PPIC		132.250	150
F29	538591	131790	129.000	0.750	450	PPIC		128.250	150
F30	538586	131769	127.500	2.308	450	PPIC		125.192	150
F31	538582	131748	125.800	0.937	450	PPIC		124.663	150
F32	538577	131721	123.700	0.750	450	PPIC		122.950	150
F33	538577	131686	122.900	0.750	450	PPIC		122.150	150
F34	538581	131686	122.400	0.750	450	PPIC		121.650	150

Surface Water Manhole Schedules

Chamber Reference	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Sump (m)	Chamber Type	Connections	IL (m)	Dia (mm)
S1	538715	131960	151.200	1.000	450		PPIC		150.200	100
S2	538719	131951	151.200	1.164	450		PPIC		150.036	100
S3	538702	131942	149.200	1.000	450		PPIC		148.200	100
S4	538701	131980	151.200	1.000	450		PPIC		150.200	100
S5	538690	131967	149.400	1.000	450		PPIC		148.400	100
S6	538689	131956	148.000	1.050	450		PPIC		147.000	100
S7	538661	131949	144.200	1.050	450		PPIC		143.150	150
S8	538642	131912	139.400	1.050	450		PPIC		138.350	150
S9	538666	131852	141.500	1.050	450		PPIC		140.450	150
S10	538685	131846	141.500	1.251	450		PPIC		140.249	150

Surface Water Manhole Schedules

Chamber Reference	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Sump (m)	Chamber Type	Connections	IL (m)	Dia (mm)
S11	538708	131837	141.500	1.500	450		PPIC		140.000	150
S12	538716	131858	141.800	2.103	1200		PCC		139.772	150
S13	538692	131871	141.900	2.363	1200		PCC		139.537	225
S14	538692	131886	143.500	4.057	1200		PCC		139.443	225
S15	538676	131898	141.500	2.171	1200		PCC		139.329	225
S16	538656	131905	140.500	1.295	1200		PCC		139.205	225
S17	538649	131887	138.750	1.125	1200		PCC		137.625	225
S18	538651	131873	138.600	1.000	450		PPIC		137.600	100
S19	538633	131882	137.500	1.125	1200		PCC		136.375	225
S20	538621	131875	135.600	1.125	1200		PCC		134.475	225
S21	538606	131835	133.000	1.125	1200		PCC		131.875	225
S22	538589	131790	129.000	1.125	1200		PCC		127.875	225
S23	538583	131764	127.000	0.850	1200		PCC		126.300	225
S24	538635	131712	128.500	2.550	1200		PCC		125.950	375
S25	538638	131695	126.000	1.275	1200		PCC		124.725	375
S26	538595	131706	123.500	1.645	1200	0.370	PCC		122.225	375

NOTES

1. It is recommended that no work is carried out until Building Regulations approval has been obtained.
2. It is essential that T2G are notified of any discrepancies or subsequent changes prior to them being implemented.
3. Do not scale from this drawing.
4. This drg is to be read in conjunction with the specification and architects drawings.

Drainage Notes

1. All 1000 proposed drainage pipes shown are to be laid at a minimum gradient of 1:80.
2. All 1500 proposed drainage pipes shown are to be laid at a minimum gradient of 1:150.
3. All existing land drains encountered on site during construction are to be re-connected.
4. Temporary protection to be provided to drainage work during construction as necessary.
5. Topographical survey and architectural layout based on third party information.
6. Topographical information taken from a survey to a temporary benchmark/datum, and not Ordnance Datum.
7. Anticipated foul flow rates calculated using discharge unit method to BS EN 12056-2.
8. Drawing to be read in conjunction with Causeway Flow design pack.
9. Pipes to be structured walled to BS EN 13476, Polypropylene to BE EN 1852 or PVC-U to BS EN 1401.
10. Both clay and concrete pipes shall be strength class 120 (100/150mm min crushing strength 28kN/m). Thermoplastic pipes shall have a minimum ring stiffness of SN4.
11. Pipes which run adjacent to buildings shall be installed in strict accordance with Building Regulations Part H, clauses 2.23 to 2.25.
12. Class Z concrete bed and surround to all foul and surface water pipes with less than 900mm cover depth. Type S granular bed and surround to all foul and surface water pipes with greater than 900mm cover depth.
13. All manholes and inspection chambers subject to vehicular trafficking to have D400 load-rated covers and frames to BS EN 124. All manholes and inspection chambers not subject vehicular trafficking to have B125 load-rated covers and frames to BS EN 124.
14. Concrete to be GEN1 unless specified otherwise.
15. The first flexible joint in pipes adjoining a manhole shall be a maximum length of 600mm from the inside face of the manhole, connecting to a rocker pipe. The length of the rocker pipe shall be 600mm.
16. All foul and surface water pipes to be constructed to Building Regulations Part H.

CDM Requirements

Risk - Deep excavation

Control method - Contractor to design trench support to depths shown on drawings and in the manhole schedule, appropriate to the ground conditions.

Risk - Water ingress into excavations, including ground water

Control method - Contractor to specify method of dealing with ingress of water into excavations, in particular if ground water is experienced. Contractor to undertake trench inspections prior to entry into any excavation, and again if left overnight or if conditions change.

P1	31/07/2026	Manhole schedules
REV	DATE	DESCRIPTION
CLIENT		
Netherhall Education Association		
CONTRACT		
Wickenden Manor		
TITLE		
Proposed Manhole Schedules		
T2G PARTNERSHIP ENGINEERING CONSULTANTS Orchard House, 114-118 Cherry Orchard Road, Croydon CR0 6BA T: +44(0)20 8861 2137 F: +44(0)20 8667 1328 E: admin@t2gpartnership.com W: www.t2gpartnership.com		
SCALE	NTS@A1	DRAWN
CONTRACT No.	7238	DRG. No.
		D013
		REVISION
		P1
		DATE
		July '26