Surface Water Manhole Schedule

Node ID	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Width (mm)	Manhole Type	Connections	Link ID	IL (m)	Dia (mm)
Ex.A(S)	539340.814	138102.260	122.240	0.810	900	675	Existing C250 Cover & Frame	1  0	1.000 1.001	121.430 121.430	100 100
Ex.B(S)	539323.633	138103.371	119.970	0.570	900	675	Existing C250 Cover & Frame	1  0	1.001 1.002	119.400 119.400	100 100
Ex.C(S)	539315.274	138104.968	118.910	0.980	900	675	Existing D400 Cover & Frame	1  0	1.002 1.003	117.980 117.930	100 150
Ex.D(S)	539304.347	138088.377	120.030	1.240	900	675	Existing C250 Cover & Frame	1  0	2.002 2.003	118.865 118.790	150 225
Ex.E(S)	539302.302	138096.456	119.160	3.060	900	675	Existing D400 Cover & Frame	1  0	2.003 2.004	116.100 116.100	225 225
SIC01	539311.635	138106.324	118.500	2.470	675		Inspection Chamber Type 3 D400 Cover & Frame	1  0	1.003 1.004	116.030 116.030	150 150
SRE01	539339.887	138094.498	123.300	0.650	150		Rodding Eye	 0	1.000	122.950	100
SRE02	539331.368	138084.767	123.600	0.650	150		Rodding Eye	 0	2.000	122.650	150
SIC03	539323.729	138077.477	123.300	0.888	675		Inspection Chamber Type 3 C250 Cover & Frame	1  0	2.000 2.001	122.412 122.412	150 150
SIC04	539311.450	138072.197	123.300	1.150	675		Inspection Chamber Type 3 C250 Cover & Frame	1  0	2.001 2.002	122.150 122.150	150 150
SIC05	539301.737	138102.531	118.500	2.470	675		Inspection Chamber Type 3 D400 Cover & Frame	1  0	2.004 2.005	116.030 116.030	225 225
SIC06	539303.893	138106.998	118.500	1.350	675		Inspection Chamber Type 3 D400 Cover & Frame	 0	3.000	116.850	150
Inlet1	539309.954	138105.680	118.500	2.475	1		Soakaway Inlet	1 0	1.003 1.004	116.010 116.010	150 150
Inlet2	539303.418	138103.175	118.500	2.475	1		Soakaway Inlet	1  2.007	2.005 2.007	116.010 116.010	150 150
Inlet3	539304.537	138105.318	118.500	2.475	1		Soakaway Inlet	1  0	3.000 3.001	116.010 116.010	150 150
Skwy	539306.686	138104.428	118.500	2.479	6800	3200	Soakaway	1 2 3 4 	4.001 3.001 2.007 1.005	116.010 116.010 116.010 116.010	150 150 150 150

Foul Water Manhole Schedule

Node ID	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Width (mm)	Manhole Type	Connections	Link ID	IL (m)	Dia (mm)
FIC01	539306.648	138087.413	120.400	1.000	675		Inspection Chamber C250 Cover & Frame	 0	10.000	119.250	100
FIC02	539313.523	138090.396	120.190	0.884	675		Inspection Chamber C250 Cover & Frame	1  0	10.000 10.001	119.156 119.156	100 100
FIC03	539317.170	138093.393	120.210	0.964	675		Inspection Chamber C250 Cover & Frame	1  0	10.001 10.002	119.096 119.096	100 100
FIC04	539320.987	138097.679	120.240	1.066	675		Inspection Chamber C250 Cover & Frame	1  0	10.002 10.003	119.024 119.024	100 100
FIC05	539324.258	138101.002	120.260	1.000	675		Inspection Chamber C250 Cover & Frame	 0	11.000	119.260	100
FIC06	539320.613	138102.168	119.700	1.000	675		Inspection Chamber D400 Cover & Frame	1 2  0	10.003 11.000 10.004	118.700 118.700 118.700	100 100 100
Ex.F(F)	539319.888	138110.871	119.300	0.840	900	675	Existing D400 Cover & Frame	1 	10.004	118.460	100

NOTES:

1. This drawing is to be read in conjunction with all relevant Architects, Engineers and other specialist details and specifications.
2. Do not scale from this drawing.
3. Drawing issued for preliminary discussions only, further to approval from Planning, Local Authority, Sewerage Undertaker, Environment Agency and any other governing parties. Following receipt of further information and comments the scheme may be revised.
4. The location and level of all existing services are to be identified prior to construction and the engineer advised of any clashes.
5. All external drainage works shall be constructed in accordance with Sewers for Adoption 6th/7th edition, including demarcation chambers, BS EN 752, together with the Sewerage Undertaker's requirements.
6. Prior to commencing work on the drainage, all existing drains, sewers manholes and outfalls to remain shall be located, identified and a CCTV condition survey carried out. Where necessary, protection to the existing drainage infrastructure shall be provided.
7. For details of manhole types and pipe bedding etc., see standard detail drawing(s).
8. All pipework with less than 1.2m cover in trafficked areas, or less than 0.9m cover in public open space, to have concrete surround or similar protection. The contractor is to protect existing and new buried pipes (particularly shallow pipes) and tree roots from damage caused by loads imposed by construction plant.
9. All concrete to drainage, manholes bases, surrounds etc to be in accordance with the BRE special digest 1 - Concrete in aggressive ground. Refer to site investigation report for sulphate requirements.
10. All pipes shall be clay to BS EN 295 or concrete to BS 5911 unless otherwise stated. Plastic pipes may be used subject to the approval of the Sewerage Undertaker.
11. All abandoned sewers are to be grouted up or removed
12. All manhole and drainage channel covers shall comply with BS EN 124. Manhole covers within block paved areas & buildings shall be recessed.
13. Ventilation shall be provided at the head of foul drainage runs. Access for rodding/jetting shall be provided to all soil and rainwater downpipes above finished floor level.
14. For setting out of soil and rainwater downpipes, see Architect's layout.
15. Cover levels for manholes should be checked with the Architects. Covers should be adjusted to match surrounding finish levels.
16. All pipes within the building footprint to be 100mmØ and laid at a gradient of 1 in 40 unless stated otherwise on this drawing.
17. Soakaway design based on CIRIA C156 Guidance. Soakaways to be located a minimum of 5m from any foundation or structure and 2m from site boundary.
18. Additional drainage may cross the site and due to change in legislation in October 2011, these former private sewers may now be the responsibility of the Sewerage Undertaker, but not be shown on their records.

Rev	Description	By	Chk	App	Date
0	First Issue	BS	MF	GP	18.12.24

Purpose of Issue : **WORK IN PROGRESS**

Status Code :

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Project : **Queensmere House**
East Grinstead

Drawing : **Manhole Schedules**

Acies Job No : **3470118** Scale @ A1 : **N.T.S.**

Drawing No : **0118-ACS-XX-XX-LS-9230** Rev : **P01**

ATP