

Surface Water Network 6 Schedule

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S601	16.250					1200	4	B125
E. 507623.161	0.500							
N. 104206.123			0	1.000	15.650			
S602	16.250		1	1.000	15.524	1200	4	B125
E. 507623.020	0.627							
N. 104193.099			0	1.001	15.524			
S603	16.250					1200	4	B125
E. 507612.794	0.500							
N. 104207.991			0	2.000	15.650			
S604	16.250		1	1.001	15.426	1200	4	B125
E. 507612.968	0.724		2	2.000	15.426			
N. 104193.125			0	1.002	15.426			
S605	16.250					1200	4	B125
E. 507611.885	0.500							
N. 104207.344			0	3.000	15.650			
S606	16.250		1	1.002	15.413	1200	4	B125
E. 507611.945	0.737		2	3.000	15.413			
N. 104192.215			0	1.003	15.413			

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S607	16.250		1	1.003	15.361	1200	4	B125
E. 507606.597	0.789							
N. 104192.236			0	1.004	15.361			
S608	16.250					1200	4	B125
E. 507602.939	0.500							
N. 104200.524			0	4.000	15.650			
S609	16.250					1200	4	B125
E. 507601.268	0.500							
N. 104186.150			0	5.000	15.650			
S610	16.250		1	5.000	15.307	1200	4	B125
E. 507601.271	0.843		2	1.004	15.307			
N. 104193.594			3	4.000	15.307			
S611	16.300		1	1.005	15.210	1200	4	B125
E. 507591.296	0.990							
N. 104193.619								

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Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S701	16.600					1200	4	B125
E. 507623.106	0.500							
N. 104266.681			0	1.000	16.000			
S702	16.600		1	1.000	15.876	1200	4	B125
E. 507622.924	0.624							
N. 104253.959			0	1.001	15.876			
S703	16.450		1	1.001	15.806	1200	4	B125
E. 507623.033	0.544							
N. 104246.759			0	1.002	15.806			
S704	16.350					1200	4	B125
E. 507624.173	0.500							
N. 104253.894			0	2.000	15.750			
S705	16.450		1	2.000	15.653	1200	4	B125
E. 507624.232	0.697		2	1.002	15.653			
N. 104243.950			0	1.003	15.653			
S706	16.350					1200	4	B125
E. 507634.419	0.500							
N. 104263.585			0	3.000	15.750			

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Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S707	16.225		1	3.000	15.554	1200	4	B125
E. 507634.430	0.571		2	1.003	15.554			
N. 104243.942			0	1.004	15.554			
S708	16.150					1200	4	B125
E. 507635.580	0.500							
N. 104263.765			0	4.000	15.550			
S709	16.225		1	4.000	15.357	1200	4	B125
E. 507635.563	0.768		2	1.004	15.357			
N. 104243.941			0	1.005	15.357			
S710	16.300					1200	4	B125
E. 507612.169	0.500							
N. 104231.509			0	5.000	15.700			
S711	16.300		1	5.000	15.661	1200	4	B125
E. 507612.472	0.539							
N. 104235.542			0	5.001	15.661			
S712	16.300					1200	4	B125
E. 507621.900	0.500							
N. 104221.709			0	6.000	15.700			

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Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S713	16.300		1	6.000	15.620	1200	4	B125
E. 507621.824	0.580							
N. 104229.897			0	6.001	15.620			
S714	16.300		1	6.001	15.597	1200	4	B125
E. 507619.433	0.603							
N. 104230.136			0	6.002	15.597			
S715	16.450		1	5.001	15.480	1200	4	B125
E. 507619.907	0.870		2	6.002	15.480			
N. 104242.207			0	5.002	15.480			
S716	16.100					1200	4	B125
E. 507628.042	0.500							
N. 104221.078			0	7.000	15.500			
S717	16.200		1	5.002	15.296	1200	4	B125
E. 507628.286	0.804		2	7.000	15.296			
N. 104242.110			0	5.003	15.296			
S718	16.100					1200	4	B125
E. 507641.481	0.500							
N. 104221.233			0	8.000	15.500			

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Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S719	15.850		1	8.000	15.341	1200	4	B125
E. 507641.481	0.409							
N. 104237.642			0	8.001	15.341			
S720	16.125		1	5.003	15.199	1200	4	B125
E. 507638.238	0.826		2	8.001	15.199			
N. 104241.923			0	5.004	15.199			
S721	16.125		1	1.005	15.179	1200	4	B125
E. 507638.238	0.846		2	5.004	15.179			
N. 104243.969			0	1.006	15.129			
S722	16.125		1	1.006	15.119	1200	4	B125
E. 507640.062	0.856							
N. 104243.969								

- NOTES:
- All dimensions to be checked on site. All details and dimensions relating to sub-Contractors work must be checked and agreed between the sub-Contractor or supplier and the general Contractor.
 - This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.
 - The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
 - Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.
 - All pipes, bends and junctions shall be vitrified clay to BS EN 295-1, with flexible joints and kitemark certified. Alternatively all pipes and fittings can be UPVC conforming to BS EN 1401-1 and shall be laid in accordance with the manufacturers specification. If UPVC pipes are to be used then the manufacturer shall be approved by the Engineer prior to construction.
 - All Adoptable sewers shall be in strict accordance with the current edition of Sewers For Adoption. Unless otherwise stated adoptable sewers shall be 150mm diameter and shall be laid in a class S bedding. Where the depth to soffit is less than 1.2m under a public highway or 0.9m elsewhere the pipe shall be laid with a class Z bedding.
 - All private building drainage shall be constructed in strict accordance with BS EN 752:1996. Unless otherwise specified building drainage shall be 100mm diameter and shall be laid at a minimum gradient of 1 in 40 for foul drains and 1 in 80 for surface water drains. All building drains shall be laid in class B bedding unless otherwise specified.
 - Where the service trench is near to the foundation of any building, refer to the guidance in Approved Document H, Building Regulations Part H1.
 - Where pipes, external to the structures, have a depth to soffit from ground level of less than 450mm they shall have a class GEN 3 concrete encasement (150mm thick). In all other cases the pipes shall be bedded and surrounded with 100mm thick granular material.
 - In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided. Compressible boards (fibrecard or polystyrene) shall be provided at a maximum of 8m centres (coinciding with pipe joints). The boards shall be pre-cut to pipe diameter and to a height and width equal to the concrete cross section. A board thickness of 18mm for pipes up to 450mm nominal diameter and 36mm for pipes over 450mm nominal diameter.
 - All svps shall have rodding access plates fitted at their bases (ground floor level).
 - Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.

Soakaway Ref:	Soakaway Dimensions:
Soakaway 1	Crates = 18.5m long x 3.5m x 1.6m deep
Soakaway 2	Crates = 10m long x 2m x 1.6m deep
Soakaway 3	Crates = 7.5m long x 1.5m x 1.6m deep
Soakaway 4	Ring = 1.8mØ x 2.5m deep
Soakaway 5	Crates = 6.5m long x 2m x 1.6m deep
Soakaway 6	Crates = 14m long x 3m x 1.6m deep
Soakaway 7	Ring = 1.8mØ x 2.5m deep
Soakaway 8	Ring = 1.8mØ x 2.2m deep
Soakaway 9	Ring = 1.8mØ x 2.2m deep

Soakaway sizes based on infiltration rates calculated from data obtained from Oakland Site Investigation Ltd during their onsite percolation testing. An Allowance of 8% for Urban Creep has been provided for based on West Sussex LLFA policy table 5.2. A factor of safety of 2.0 has also been allowed for.

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