

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	100		
S602	16.250		1	1.000	15.524	100		
E. 507623.020	0.627					1200	4	B125
N. 104193.099			0	1.001	15.524	100		
S603	16.250					1200	4	B125
E. 507612.794	0.500							
N. 104207.991			0	2.000	15.650	100		
S604	16.250		1	1.001	15.426	100		
E. 507612.968	0.724		2	2.000	15.426	100		
N. 104193.125			0	1.002	15.426	100		
S605	16.250					1200	4	B125
E. 507611.885	0.500							
N. 104207.344			0	3.000	15.650	100		
S606	16.250		1	1.002	15.413	100		
E. 507611.945	0.737		2	3.000	15.413	100		
N. 104192.215			0	1.003	15.413	100		

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S607	16.250		1	1.003	15.361	100		
E. 507606.597	0.789					1200	4	B125
N. 104192.236			0	1.004	15.361	100		
S608	16.250					1200	4	B125
E. 507602.939	0.500							
N. 104200.524			0	4.000	15.650	100		
S609	16.250					1200	4	B125
E. 507601.268	0.500							
N. 104186.150			0	5.000	15.650	100		
S610	16.250		1	5.000	15.307	100		
E. 507601.271	0.843		2	1.004	15.307	100		
N. 104193.594			3	4.000	15.307	100		
S611	16.300		1	1.005	15.210	100		
E. 507591.296	0.990					1200	4	B125
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	100		
S702	16.600		1	1.000	15.876	100		
E. 507622.924	0.624					1200	4	B125
N. 104253.959			0	1.001	15.876	100		
S703	16.450		1	1.001	15.806	100		
E. 507623.033	0.544					1200	4	B125
N. 104246.759			0	1.002	15.806	100		
S704	16.350					1200	4	B125
E. 507624.173	0.500							
N. 104253.894			0	2.000	15.750	100		
S705	16.450		1	2.000	15.653	100		
E. 507624.232	0.697		2	1.002	15.653	100		
N. 104243.950			0	1.003	15.653	100		
S706	16.350					1200	4	B125
E. 507634.419	0.500							
N. 104263.585			0	3.000	15.750	100		

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Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S707	16.225		1	3.000	15.554	100		
E. 507634.430	0.571		2	1.003	15.554	100		
N. 104243.942			0	1.004	15.554	100		
S708	16.150					1200	4	B125
E. 507635.580	0.500							
N. 104263.765			0	4.000	15.550	100		
S709	16.225		1	4.000	15.357	100		
E. 507635.563	0.768		2	1.004	15.357	100		
N. 104243.941			0	1.005	15.357	100		
S710	16.300					1200	4	B125
E. 507612.169	0.500							
N. 104231.509			0	5.000	15.700	100		
S711	16.300		1	5.000	15.661	100		
E. 507612.472	0.539					1200	4	B125
N. 104235.542			0	5.001	15.661	100		
S712	16.300					1200	4	B125
E. 507621.900	0.500							
N. 104221.709			0	6.000	15.700	100		

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Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S713	16.300		1	6.000	15.620	100		
E. 507621.824	0.580					1200	4	B125
N. 104229.897			0	6.001	15.620	100		
S714	16.300		1	6.001	15.597	100		
E. 507619.433	0.603					1200	4	B125
N. 104230.136			0	6.002	15.597	100		
S715	16.450		1	5.001	15.480	100		
E. 507619.907	0.870		2	6.002	15.480	100		
N. 104242.207			0	5.002	15.480	100		
S716	16.100					1200	4	B125
E. 507628.042	0.500							
N. 104221.078			0	7.000	15.500	100		
S717	16.200		1	5.002	15.296	100		
E. 507628.286	0.804		2	7.000	15.296	100		
N. 104242.110			0	5.003	15.296	100		
S718	16.100					1200	4	B125
E. 507641.481	0.500							
N. 104221.233			0	8.000	15.500	100		

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Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S719	15.850		1	8.000	15.341	100		
E. 507641.481	0.409					1200	4	B125
N. 104237.642			0	8.001	15.341	100		
S720	16.125		1	5.003	15.199	100		
E. 507638.238	0.826		2	8.001	15.199	100		
N. 104241.923			0	5.004	15.199	100		
S721	16.125		1	1.005	15.179	100		
E. 507638.238	0.846		2	5.004	15.179	100		
N. 104243.969			0	1.006	15.129	150		
S722	16.125		1	1.006	15.119	150		
E. 507640.062	0.856					1200	4	B125
N. 104243.969								

NOTES:

1. 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.
2. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.
3. The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
4. 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.
5. 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.
6. 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.
7. 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.
8. Where the service trench is near to the foundation of any building, refer to the guidance in Approved Document H, Building Regulations Part H1.
9. 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.
10. 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.
11. All sybs shall have rodding access plates fitted at their bases (ground floor level).
12. 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.

B	01.07.19	PR	New Site Plan added. Soakaway design revised	SB
A	15.03.18	TZ	Revised to suit new plan	SRM
REV	DATE	INT	DESCRIPTION	CHK

Issue Status FOR APPROVAL

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CLIENT Roffey Homes Ltd			
PROJECT Manor Nurseries Site Angmering			
TITLE Proposed Drainage Strategy Schedules			
DRAWN T Zajac	DATE Mar 2018	PROJECT NO. 22995	
ENGINEER S Magowan	CHECKED	DWG. NO.	REV.
SCALE 1:250 @ A1		105 B	