

Surface Water Network 8 Schedule

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		
	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover	
S10	15.925		1	1.008	14.389	150	1200	4	B125
E. 507652.302	1.386								
N. 104243.950									
S801	15.600						1200	4	B125
E. 507689.181	0.500								
N. 104221.256			0	1.000	15.000	100			
S802	15.700		1	1.000	14.892	100	1200	4	B125
E. 507688.244	0.708								
N. 104232.394			0	1.001	14.892	100			
S803	15.700		1	1.001	14.823	100	1200	4	B125
E. 507681.237	0.777								
N. 104232.371			0	1.002	14.823	100			
S804	15.700		1	1.002	14.793	100	1200	4	B125
E. 507681.112	0.807								
N. 104235.545			0	1.003	14.793	100			
S805	15.700		1	1.003	14.689	100	1200	4	B125
E. 507670.482	0.911								
N. 104235.528			0	1.004	14.689	100			

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S806	15.850		1	1.004	14.608	100	1200	4	B125
E. 507662.145	1.142								
N. 104235.514			0	1.005	14.608	100			
S807	15.850		1	1.005	14.547	100	1200	4	B125
E. 507662.016	1.203								
N. 104241.836			0	1.006	14.547	100			
S808	15.850						1200	4	B125
E. 507648.668	0.500								
N. 104221.301			0	2.000	15.250	100			
S809	15.850		1	2.000	15.092	100	1200	4	B125
E. 507648.872	0.658								
N. 104237.546			0	2.001	15.092	100			
S810	15.925		1	2.001	15.027	100	1200	4	B125
E. 507654.031	1.356		2	1.006	14.469	100			
N. 104241.922			0	1.007	14.469	100			
S811	15.850						1200	4	B125
E. 507682.547	0.500								
N. 104245.130			0	3.000	15.250	100			

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S812	15.850		1	3.000	15.189	100	1200	4	B125
E. 507680.626	0.561								
N. 104251.067			0	3.001	15.189	100			
S813	15.850		1	3.001	15.124	100	1200	4	B125
E. 507674.159	0.626								
N. 104249.327			0	3.002	15.124	100			
S814	16.000						1200	4	B125
E. 507661.738	0.500								
N. 104263.766			0	4.000	15.400	100			
S815	15.850		1	3.002	15.003	100	1200	4	B125
E. 507661.690	0.747		2	4.000	15.003	100			
N. 104249.388			0	3.003	15.003	100			
S816	15.850		1	3.003	14.951	100	1200	4	B125
E. 507661.723	0.799								
N. 104244.016			0	3.004	14.951	100			
S817	15.925		1	1.007	14.450	100	1200	4	B125
E. 507654.022	1.376		2	3.004	14.449	100			
N. 104243.969			0	1.008	14.399	150			

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 constructed 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 (fibreglass 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.

	01.07.19	PR	New Site Plan added. Soakaway design revised		SB
following soakage test results. Drainage updated to suit.					
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	DATE	PROJECT NO.	
T Zajac	Mar 2018	22995	
ENGINEER	CHECKED	DWG. NO.	REV.
S Magowan		106	B
SCALE	1:250 @ A1		