



Foul Network Schedule

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
F101	15.487							
E. 507692.343	0.887					1200	2	D400
N. 104217.109			0	1.000	14.450	150		
F102	15.672		1	1.000	14.312	150		
E. 507674.018	1.210					1200	2	D400
N. 104217.241			0	1.001	14.312	150		
F103	16.024		1	1.001	14.053	150		
E. 507639.643	1.821					1200	2	D400
N. 104217.299			0	1.002	14.053	150		
F104	16.296		1	1.002	13.882	150		
E. 507613.955	2.264					1200	2	D400
N. 104217.342			0	1.003	13.882	150		
F105	16.381		1	1.003	13.846	150		
E. 507608.862	2.385					1200	2	D400
N. 104219.182			0	1.004	13.846	150		
F106	16.451		1	1.004	13.789	150		
E. 507607.340	2.512					1200	2	D400
N. 104227.645			0	1.005	13.789	150		

Surface Water Network 1 Schedule

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S101	16.666							
E. 507606.767	1.200					1200	2	D400
N. 104248.321			0	1.000	15.366	100		
S102	16.464		1	1.000	15.164	100		
E. 507605.528	1.200					1200	2	D400
N. 104227.661			0	1.001	15.164	100		
S103	16.387		1	1.001	15.087	100		
E. 507606.005	1.200					1200	2	D400
N. 104221.030			0	1.002	15.087	100		
S104	16.350							
E. 507604.060	1.200					1200	2	D400
N. 104210.543			0	2.000	15.050	100		
S105	16.322		1	1.002	14.713	100		
E. 507609.742	1.509		2	2.000	14.713	100		
N. 104216.243			0	1.003	14.713	100		
S106	16.220		1	1.003	14.564	100		
E. 507623.010	1.556					1200	2	D400
N. 104215.556			0	1.004	14.514	150		

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Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
F107	16.004							
E. 507652.859	1.250					1200	2	D400
N. 104270.147			0	2.000	14.654	100		
F108	16.461		1	2.000	14.395	100		
E. 507614.039	1.966					1200	2	D400
N. 104270.380			0	2.001	14.395	100		
F109	16.596		1	1.005	13.530	150		
E. 507608.521	2.916		2	2.001	14.350	100		
N. 104266.539			0	1.006	13.530	150		
F110	16.179		1	1.006	13.384	150		
E. 507592.488	2.645					1200	2	D400
N. 104281.506			0	1.007	13.384	150		
F111	15.857		1	1.007	13.297	150		
E. 507587.284	2.410					1200	2	D400
N. 104293.506			0	1.008	13.297	150		
F112	15.797		1	1.008	13.243	150		
E. 507583.168	2.404					1200	2	D400
N. 104300.519			0	1.009	13.243	150		

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Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S107	15.489							
E. 507693.530	1.200					1200	2	D400
N. 104215.347			0	3.000	14.189	100		
S108	15.732		1	3.000	13.960	100		
E. 507669.920	1.672					1200	2	D400
N. 104215.346			0	3.001	13.960	100		
S109	15.825							
E. 507668.147	1.200					1200	2	D400
N. 104228.987			0	4.000	14.525	100		
S110	15.717		1	3.001	13.930	100		
E. 507668.111	1.687		2	4.000	13.930	100		
N. 104217.869			0	3.002	13.930	100		
S111	15.974		1	3.002	13.687	100		
E. 507643.130	2.187					1200	2	D400
N. 104217.883			0	3.003	13.687	100		
S112	16.008		1	3.003	13.600	100		
E. 507643.109	2.308		2	1.004	14.399	150		
N. 104215.381			0	1.005	13.550	150		

Foul Network Schedule

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
F113	15.280		1	1.009	12.830	150		
E. 507525.385	2.300					1200	2	D400
N. 104299.083								

Surface Water Network 1 Schedule

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S113	15.964		1	1.005	13.526	150		
E. 507647.335	2.288					1200	2	D400
N. 104215.341								

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 svps 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.

REV	DATE	INT	DESCRIPTION	CHK
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Issue Status FOR APPROVAL

11 Tungsten Building
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Civil

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practice

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		103	
SCALE	1:250 @ A1		

ARUN DISTRICT COUNCIL A1862000C