

Larkfield

FOUL MOLLUSK SCHEDULE										
F#	Endings	Hornings	Size	CL	IL	Depth to IL	Depth to IL to softest	Type	Cover	
F2	49512.96	11401.1172	1200mm	9.485	6.626			Type A	D400	
F3	49297.9433	104083.512		9.08	6.354	3.266	1.16	Type B	D400	
F4	49282.253	104094.979		9.730	7.049	2.681	2.51	Type A	D400	
F5	49282.253	104094.979		9.730	7.049	2.681	2.51	Type B	D400	
F6	49282.253	104074.084	1000mm	10.020	7.365	2.585	2.506	Type B	D400	
F7	49282.253	104094.979		9.730	7.049	2.681	2.51	Type B	D400	
F8	49282.253	104094.979		9.730	7.049	2.681	2.51	Type B	D400	
F9	49281.1331	104014.092	1000mm	9.225	7.692	2.133	1.982	Type B	D400	
F10	49282.253	103995.813	1000mm	9.610	7.884	1.862	1.802	Type B	D400	
F11	49282.253	103995.813	1000mm	9.730	8.166	1.584	1.524	Type B	D400	
F18	49282.253	104031.222	1200mm	9.610	8.330	1.784	1.634	Type B	D400	
F19	49282.253	10371.399	1000mm	9.610	8.330	1.655	1.485	Type B	D400	
F20	49282.253	104031.222	1000mm	9.610	8.330	1.784	1.634	Type B	D400	
F21	49282.253	104034.043	1000mm	9.525	7.348	2.577	2.427	Type B	D400	
F22	49282.253	104034.043	1000mm	9.525	7.348	2.577	2.427	Type B	D400	
F23	49282.253	104034.043	1000mm	9.735	7.710	2.555	2.405	Type B	D400	
F24	49282.253	104060.668	1000mm	9.735	7.710	2.555	2.405	Type B	D400	
F27	49274.4756	104071.013	1000mm	9.985	7.604	2.821	2.671	Type B	D400	

SPECIFICATION NOTES

1. ALL DRAINAGE SHALL BE REGULATED AND COMMISSIONED IN ACCORDANCE WITH BS 2515: 85 (BS 2515), BUILDING REGULATION DOC. H, AND ANY PARTICULAR REQUIREMENTS OF THE LOCAL AUTHORITY CONCERNING DRAINAGE.
2. DRAIN BODIES SHALL BE PROVIDED AS D800, D1000, AND D1200, AS SHOWN ON THE DRAINAGE DETAILS SHEETS.
3. EFFECTIVE COVER IS THE MINIMUM DEPTH OF COVER OVER THE PIPE CORNER OR THE TOP SURFACE OF THE COVER.
4. ALL CONCRETE PIPES, MANHOLES AND FITTINGS SHALL BE TO BS 5511 (ALL RELEVANT PARTS). ALL CONCRETE PIPEWORK SHALL BE TO HIGH STRENGTH.
5. WHERE CONNECTIONS ARE TO BE MADE TO EXISTING MANHOLES/SEWERS, INVERT LEVELS SHALL BE MATCHED AND GREEN COATINGS SHALL BE APPLIED TO THE CORRESPONDENCE OF THE WORKS AND ANY VARIANCE REPORTED TO THE ENGINEER IMMEDIATELY.
6. WHERE PIPELINES CROSS, EACH IS TO BE SURROUNDED WITH GRADE 5/4 MASH CONCRETE TO A MINIMUM DEPTH OF 150mm OR ON THE CROSSING POINT, LENGTH OF SURROUND TO BE EXTENDED AS NECESSARY TO WITHIN 150mm OF THE NEXT NEAREST PIPE.
7. THE CONTRACTOR IS TO ENSURE THAT PROTECTIVE MEASURES ARE TAKEN TO ENSURE THAT GRASSLAND PIPERWORK AND FITTINGS ARE NOT DAMAGED BY SITE TRAFFIC; PROTECTIVE MEASURES TO BE TAKEN TO PREVENT DAMAGE TO THE SURROUNDING AREAS.
8. ALL PRIVATE DRAINAGE PIPERWORK SHALL BE PVC-U, ALL ADOPTED DRAINAGE TO BE CL. UNDERGROUND DRAINAGE TO BE Laid AT A GRADEMENT OF 1:100.
9. WHEN DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES, ALL FLEXIBLE PIPES SHALL BE PROTECTED BY A MINIMUM OF 150mm OF THE FACE OF THE STRUCTURE AND WITHIN A FURTHER 600mm TO FORM A ROCKER PIPE.
10. WHERE PIPES PASS THROUGH ROADSIDE WALLS, FOOTINGS OR RETAINING WALLS, LINTELS SHALL BE PROVIDED TO SUPPORT THE PIPES.
11. WHERE PIPELINES PASS BELOW THE JOINT OF BUILDINGS OR WALLS THE FOUNDATIONS ARE TO BE TAKEN DOWN BELOW THE BOTTOM OF THE TRENCH.
12. 40mm DIA. INSPECTING CHAMBERS (F7020) MAY BE USED:
- 12.1. 150mm REDUCED DEPTH WHERE THE DEPTH FROM COVER TO INVERT EXCEEDS 1000mm.
13. 30mm DIA. POLYPROPYLENE ACCESS CHAMBERS (PACAM) MAY BE USED
- 13.1. 150mm REDUCED DEPTH WHERE THE DEPTH FROM COVER TO INVERT DOES NOT EXCEED 1000mm DIA.
14. STEEL COVERS ON PIPERWORK BOUNDARIES SHALL BE:
- 14.1. 150mm REDUCED DEPTH WHERE THE DEPTH FROM COVER TO INVERT DOES NOT EXCEED 1000mm
- 14.2. ON PRIVATE DRAINAGES: RACTA GRADE (BS EN ISO 14661: 1999)
- 14.3. ON DRAINAGE BODIES: RACTA GRADE (BS EN ISO 14661: 1999) OR BS EN ISO 14661: 1999
- 14.4. ON SHARED PATHWAYS, VERGES: GRADE 4/5 (BS 1214:1994)
15. DRAINAGE COVERS SHALL BE TO PROTECT PIPERWORK BOUNDARIES SHALL BE:
- 15.1. 150mm REDUCED DEPTH WHERE THE DEPTH FROM COVER TO INVERT DOES NOT EXCEED 1000mm
- 15.2. ON PRIVATE DRAINS: F7020 OR F7020S ARE PROPOSED AS TO BE CONSTRUCTED IN ACCORDANCE WITH SERVICES FOR ADOPTION, 7TH EDITION
17. DRAINAGE CONNECTIONS NOT REFERRED TO A CHAMBER TO BE ON AN OBSTACLE 45° JUNCTION
18. ALL CONNECTIONS INTO MANHOLES TO BE MADE SOFT TO SOFTLY LAND INTO

GENERAL NOTES

1. All dimensions to be checked on site. All details and dimensions relating to sub-contractors or suppliers work must be checked and agreed between the sub-contractor or supplier and the main contractor.
2. This drawing is to be read in conjunction with all relevant architects, services and engineers drawings and specifications.
3. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non intrusive observations, record drawings or the like. The contractor shall satisfy any outstanding investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to gsp prior to works commencing.
4. Tending or billing drawings shall not be used for construction or the ordering of materials.
5. Do not scale. All dimensions and levels to be site confirmed.

 DT Distribution to
from roof drain
permeable pa
See detail on

 DT Distribution to
permeable pa
See detail on

C7	18.11.20	Revised to WSCC highway comments	SCL	HR	GO
C7	18.11.20	D7 reference numbers changed	SCL	HR	GO
C7	18.11.20	Added to Southern water comments	SCL	HR	GO
C4	15.10.20	Foul sewer blocking invert levels amended surface water connections into SS2 inverts.	SCL	HR	GO
C1	17.09.20	Revised to WSCC comments	SCL	HR	GO
C1	28.08.20	Foul & surface water inverts	SCL	HR	GO
C1	28.08.20	CONSTRUCTION	SCL	HR	GO
C1	26.08.20	Foul sewer route revised	SCL	HR	GO
C7	30.07.20	Revised to latest layout	SCL	HR	GO
C1	10.07.20	TENDER ISSUE	SCL	HR	GO
PM	18.06.20	Updated to latest layout	SCL	HR	GO
PM	21.02.20	Updated to Client comments	GO	SCL	HR
PM	31.01.20	Updated to client comments	GO	SCL	HR
PM	21.01.20	Updated to tender scheme	GO	SCL	HR
PM	06.11.18	INITIAL ISSUE	SCL	HR	GO
REV	DATE		DESCRIPTION	BY	CHK/AP

Gyoury Self
CONSULTING ENGINEERS

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REDROW
HOMES

RHP
ANGEL & HYDE NURSERIES
YARTON ROAD

BARNHAM

SITE DRAINAGE
SHEET 2 OF 2

312	SCALE • A3 1/200	DATE NOVEMBER
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R	GTA	
DRAWING SUFFICIENCY		
SUITABLE FOR CONSTRUCTION		
RISA STAFF		

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