

FOUL WATER MANHOLE SCHEDULE

1 of 2

Manhole Number	Cover Level Depth To Soffit	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
F1	44.678							
E. 448513.416	1.618					1200	B	D400
N. 110795.303			0	1.000	42.910	150		
F2	43.109		1	1.000	41.150	150		
E. 448520.099	1.809					1200	B	D400
N. 110771.201			0	1.001	41.150	150		
F3	41.828		1	1.001	39.900	150		
E. 448522.741	1.778					1200	B	D400
N. 110751.780			0	1.002	39.900	150		
F4	40.464		1	1.002	38.550	150		
E. 448530.062	1.764					1200	B	D400
N. 110732.817			0	1.003	38.550	150		
F5	38.559		1	1.003	36.640	150		
E. 448547.976	1.769					1200	B	D400
N. 110703.120			0	1.004	36.640	150		
F7	37.571							
E. 448504.897	2.071					1200	B	D400
N. 110678.010			0	2.000	35.350	150		
F8	38.416		1	1.004	35.023	150		
E. 448551.689	3.243		2	2.000	35.023	150		
N. 110692.909			0	1.005	35.023	150	1200	A
F9	38.037		1	1.005	34.827	150		
E. 448561.658	3.060					1200	A	D400
N. 110665.191			0	1.006	34.827	150		
F10	37.610		1	1.006	34.670	150		
E. 448561.626	2.790					1200	B	D400
N. 110652.793			0	1.007	34.670	150		
F11	36.997		1	1.007	34.589	150		
E. 448590.183	2.258					1200	B	D400
N. 110644.142			0	1.008	34.589	150		
F12	36.448		1	1.008	34.526	150		
E. 448593.618	1.772					1200	B	D400
N. 110635.261			0	1.009	34.526	150		
F13	36.917		1	1.009	34.428	150		
E. 448607.406	2.339					1200	B	D400
N. 110630.098			0	1.010	34.428	150		
F14	36.085		1	1.010	34.143	150		
E. 448634.285	1.752					1200	B	D400
N. 110600.875			0	1.011	34.143	150		
F15	35.408		1	1.011	33.631	150		
E. 448652.525	1.628					1200	B	D400
N. 110584.168			0	1.012	33.630	150		

FOUL WATER MANHOLE SCHEDULE

2 of 2

Manhole Number	Cover Level Depth To Soffit	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
F16	35.310		1	1.012	33.579	150		
E. 448659.360	1.582					1200	B	D400
N. 110590.592			0	1.013	33.579	150		
F18	42.392							
E. 448569.180	1.812					1200	B	D400
N. 110816.935			0	3.000	40.430	150		
F19	41.991		1	3.000	40.004	150		
E. 448577.292	1.837					1200	B	D400
N. 110793.824			0	3.001	40.004	150		
F20	42.533		1	3.001	39.557	150		
E. 448588.987	2.826					1200	B	D400
N. 110753.261			0	3.002	39.557	150		
F21	43.008		1	3.002	39.320	150		
E. 448606.675	3.538					1200	A	D400
N. 110721.451			0	3.003	39.320	150		
F22	42.093		1	3.003	39.102	150		
E. 448626.012	2.841					1200	B	D400
N. 110695.076			0	3.004	39.102	150		
F23	40.187		1	3.004	38.250	150		
E. 448651.326	1.787					1200	B	D400
N. 110666.697			0	3.005	38.250	150		
F24	38.130		1	3.005	36.300	150		
E. 448677.714	1.680					1200	B	D400
N. 110637.765			0	3.006	36.300	150		
F25	37.497		1	3.006	35.740	150		
E. 448686.983	1.607					1200	B	D400
N. 110629.626			0	3.007	35.740	150		
F26	37.096		1	3.007	35.350	150		
E. 448690.025	1.596					1200	B	D400
N. 110622.563			0	3.008	35.350	150		
F27	36.707		1	3.008	34.950	150		
E. 448686.922	1.607					1200	B	D400
N. 110615.389			0	3.009	34.950	150		
F28	36.259		1	3.009	33.344	150		
E. 448681.573	2.765		2	1.013	33.344	150		
N. 110607.943			0	1.014	33.344	150		
F29	31.000		1	1.014	29.650	150		
E. 448716.263	1.200					1350	C	D400
N. 110580.822			0	1.015	29.650	150		
F30	31.000		1	1.015	29.531	150		
E. 448705.191	1.319					1350	C	D400
N. 110586.564			0	1.016	29.531	150		
F31	30.000		1	1.016	28.650	150		
E. 448707.280	1.200					1350	C	D400
N. 110547.343			0	1.017	28.650	150		
F32	28.700		1	4.000	24.566	150		
E. 448667.321	4.034					1200	A	D400
N. 110527.003			0	4.001	24.566	150		
F33	29.250		1	1.017	23.653	150		
E. 448687.796	5.496		2	4.001	23.654	150		
N. 110522.345			0	1.018	23.653	150		

General Drainage Notes:
1. The planning, design and construction of sewers shall be in accordance with Sewers Sector Guidance Appendix C; Design and Construction Guidance, the Civil Engineering Specification for the Water Industry 7th Edition and Southern Water amendments to CESWI.
2. All Adoptable sewers within adoptable highway with less than 1.2m cover to have reinforced concrete slab protection. All Adoptable sewers within grassed areas with cover less than 0.9m to have reinforced concrete slab protection. All areas with greater cover than the minimum required to have type S bed and surround.
3. Sealed and lockable covers to be supplied where specified on manhole schedule.
4. Use of this drawing does not absolve the client from his responsibilities under the Health and Safety. The Construction Design and Management Regulations 2015. The Principal Designer is required to contact Hydrock Consultants prior to permitting this drawing to be used in connection with any construction works.
5. All private drainage to comply with current Building Regulations, BS EN-752 Drain and Sewer systems outside Buildings and other relevant British Standards and Codes of Practices.
6. All sewers to be laid soffit to soffit unless otherwise shown.
7. It is the Contractors responsibility to locate existing services on site accurately.
8. The Contractor should comply with hsl(g) 47 "Avoiding Danger from Underground Services" when excavating around existing services.
9. The Contractor is to verify the line, level and diameter of existing sewers before commencing drainage works.
10. All levels are to OS datum.
11. Compliance with Health & Safety matters on any trench/manhole is obligatory and a permit to enter a confined space is required when connecting site drainage to the existing public sewerage system. A permit to enter a confined space will be obtained from Southern Water Ltd prior to the works commencing on any public sewerage system.
12. Proposed adoptable sewers are only permitted to have other sewer/gully connections and other services laid at an angle of between 45° and 90° across the line with a vertical clearance in excess of 300mm.
13. Where sewers are to be constructed inside the restricted tree root zone a suitable tree root protection barrier is to be installed to Southern Water's specification.
14. All svp and rwp positions shown are approximate only. For construction of svp's and rwp's refer to architects detailed construction drawings. Any discrepancies to be reported to the engineer prior to construction.
15. All private pipework shown is 110mmØ unless otherwise indicated.
16. Refer to Section 104 drawing for a full set of construction specification notes.
17. Contractor to refer to drainage layout drawings for private drainage and highway gully connections.

REVISIONS

C02	30/09/24	Issued for construction approval.	MT	JAC	JAC
C01	29/09/23	F32 locations amended to avoid trees on S185 diversion. Updated to construction issue.	JL	GH	-
P05	29/08/23	Cover levels on clouded chambers revised	GH	GH	-
P04	06/07/23	Drainage strategy updated to reflect one outfall point located at the south west of the site.	JL	GH	GH
P03	27/03/23	Updated manholes based on updated drainage layout.	JL	GH	GH
P02	04/01/23	Updated cover level.	JL	GH	GH
P01	07/10/22	First Issue.	JL	JT	JC

Rev	Date	Description	By	Ckd	App
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CLIENT
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PROJECT
LAND OFF MISERY LANE
PROVIDENCE HILL, BURSLEDON
SOUTHAMPTON

TITLE
MANHOLE SCHEDULE
SHEET 2 OF 2

HYDROCK PROJECT NO. 21627-IOCB		SCALE @ A1 N/A	
STATUS DESCRIPTION FOR APPROVAL			STATUS S4
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) 21627-HYD-XX-XX-DR-C-0301			REVISION C02