

SIC	Cover Level (m)	MH Depth (m)	MH Diam. (mm)	PN	Pipes Out Invert Level (m)	Diameter (mm)	PN	Pipes In Invert Level (m)	Diameter (mm)	Backdrop (mm)
1/1	50.350	0.450	450	S1.000	49.900	100				
1/2	50.350	0.559	450	S1.001	49.791	100	S1.000	49.791	100	
3/1	50.250	0.450	450	S2.000	49.800	100				
2/2	50.350	0.702	450	S1.002	49.648	100	S1.001	49.648	100	
							S2.000	49.648	100	
3/2	50.300	0.665	450	S1.003	49.635	100	S1.002	49.635	100	
4/1	50.030	0.670	450	S1.004	49.360	150	S1.003	49.410	100	
5/3	50.450	0.450	450	S3.000	50.000	100				
5/2	50.450	1.227	450	S1.005	49.223	150	S1.004	49.223	150	
							S3.000	49.911	100	638
7/1	50.450	0.620	450	S4.000	49.830	100				
7/2	50.450	1.299	450	S1.006	49.151	150	S1.005	49.151	150	
							S4.000	49.718	100	517
8/1	50.450	1.373	450	S1.007	49.077	150	S1.006	49.077	150	
RE	50.420	0.620	450	S5.000	49.800	100				
CP1	49.800	0.769	1200	SOAKAWAY 3 No 150mm			S1.007	48.730	150	
							S5.000	48.780	100	
47/2	50.150	0.450	450	S6.000	49.700	100				
47/1	50.150	0.450	450	S7.000	49.700	100				
46/1	50.150	0.580	450	S7.001	49.570	100	S7.000	49.570	100	
46/2	50.150	0.706	450	S6.001	49.444	100	S6.000	49.444	100	
							S7.001	49.444	100	
45/1	50.150	0.620	450	S8.000	49.530	100				
45/2	50.150	0.841	450	S6.002	49.309	100	S6.001	49.309	100	
							S8.000	49.309	100	
45/3	50.150	0.928	450	S6.003	49.222	100	S6.002	49.222	100	
RE	50.150	0.450	450	S9.000	49.700	100				
45/4	50.150	1.067	450	S6.004	49.083	100	S6.003	49.083	100	
							S9.000	49.618	100	535
43/1	50.050	0.620	450	S10.000	49.430	100				
43/2	50.150	1.215	450	S6.005	48.935	150	S6.004	48.985	100	
							S10.000	48.985	100	
43/3	50.150	1.241	450	S6.006	48.909	150	S6.005	48.909	150	
40/1	50.150	0.620	450	S11.000	49.530	100				
40/2	50.150	0.752	450	S11.001	49.398	100	S11.000	49.398	100	
41/1	50.150	0.620	450	S12.000	49.530	100				
41/2	50.150	0.926	450	S11.002	49.224	100	S11.001	49.224	100	
							S12.000	49.224	100	
42/1	50.150	1.291	450	S6.007	48.859	150	S6.006	48.859	150	
							S11.002	48.909	100	
RE	50.150	0.450	450	S13.000	49.700	100				
14/1	50.150	0.662	450	S13.001	49.488	100	S13.000	49.488	100	
14/2	50.150	1.345	450	S6.008	48.805	150	S6.007	48.805	150	
							S13.001	48.855	100	
RE	50.150	0.450	450	S14.000	49.700	100				
10/1	50.150	0.574	450	S14.001	49.576	100	S14.000	49.576	100	
RE	50.150	0.450	450	S15.000	49.700	100				
11/1	50.150	0.780	450	S15.001	49.370	100	S15.000	49.370	100	
12/1	50.150	0.919	450	S14.002	49.231	100	S14.001	49.231	100	
							S15.001	49.231	100	
13/1	50.150	1.416	450	S6.009	48.734	150	S6.008	48.734	150	
							S14.002	48.784	100	
CP2	49.800	1.147	1200	SOAKAWAY 3 No 150mm			S6.009	48.650	150	

SURFACE WATER INSPECTION CHAMBER SCHEDULE – PHASE 1
RAILWAY ROAD ACCESS

SIC	Cover Level (m)	MH Depth (m)	MH Diam. (mm)	PN	Pipes Out Invert Level (m)	Diameter (mm)	PN	Pipes In Invert Level (m)	Diameter (mm)	Backdrop (mm)
RE	50.350	0.450	450	S'1.000	49.900	100				
35/1	50.350	0.591	450	S'1.001	49.759	100	S'1.000	49.759	100	
36/1	50.550	0.878	450	S'1.002	49.672	100	S'1.001	49.672	100	
37/1	50.550	0.992	450	S'1.003	49.558	100	S'1.002	49.558	100	
39/1	50.350	0.450	450	S'2.000	49.900	100				
37/2	50.450	0.995	450	S'1.004	49.455	100	S'1.003	49.455	100	
							S'2.000	49.505	100	
RE	50.350	0.450	450	S'3.000	49.900	100				
RE	50.350	0.450	450	S'4.000	49.900	100				
36/2	50.350	0.601	450	S'4.001	49.749	100	S'4.000	49.749	100	
37/3	50.450	1.182	450	S'1.005	49.268	150	S'1.004	49.318	100	
							S'3.000	49.318	100	
							S'4.001	49.318	100	
16/2	50.400	0.975	450	S'5.000	49.425	150				
15/2	50.450	1.166	450	S'5.001	49.284	150	S'5.000	49.284	100	
CP3	50.200	1.204	1200	SOAKAWAY 150mm			S'1.005	49.100	150	
							S'5.001	48.945	150	
16/1	50.450	0.450	450	S'6.000	50.000	100				
15/1	50.450	0.554	450	S'6.001	49.896	100	S'6.000	49.896	100	
CP4	50.225	1.005	1200	SOAKAWAY 150mm			S'6.001	49.220	100	
18/1	50.450	0.700	450	S'7.000	49.750	100				
20/2	50.450	0.846	450	S'7.001	49.604	100	S'7.000	49.604	100	
20/3	50.450	0.975	450	S'7.002	49.475	100	S'7.001	49.475	100	
23/2	50.450	0.450	450	S'8.000	50.000	100				
22/2	50.450	1.121	450	S'7.003	49.329	150	S'7.002	49.379	100	
							S'8.000	49.379	100	
22/3	50.550	1.232	450	S'7.004	49.318	150	S'7.003	49.318	150	
RE	50.150	0.450	450	S'9.000	49.700	100				
32/1	50.150	0.593	450	S'9.001	49.557	100	S'9.000	49.557	100	
31/1	50.150	1.021	450	S'9.002	49.129	100	S'9.001	49.129	100	
31/2	50.150	1.169	450	S'9.003	48.981	100	S'9.002	48.981	100	
RE	50.150	0.450	450	S'10.000	49.700	100				
32/2	50.150	0.583	450	S'10.001	49.567	100	S'10.000	49.567	100	
31/3	50.150	1.352	450	S'9.004	48.798	150	S'9.003	48.848	100	
							S'10.001	48.848	100	
CP5	50.400	1.664	1200	SOAKAWAY 150mm			S'7.004	49.256	150	
							S'9.004	48.736	150	
RE	50.450	0.450	450	S'11.000	50.000	100				
20/1	50.450	0.670	450	S'11.001	49.780	100	S'11.000	49.780	100	
22/1	50.450	0.758	450	S'11.002	49.692	100	S'11.001	49.692	100	
23/1	50.450	0.939	450	S'11.003	49.511	150	S'11.002	49.561	100	
CP6	50.175	1.075	1200	SOAKAWAY 150mm			S'11.003	49.100	150	
RE	50.150	0.600	450	S'12.000	49.550	100				
24/1	50.150	0.859	450	S'12.001	49.291	100	S'12.000	49.291	100	
27/1	50.000	0.450	450	S'13.000	49.550	100				
24/2	50.000	1.050	450	S'12.002	48.950	150	S'12.001	49.000	100	
							S'13.000	49.000	100	
CP7	49.980	1.090	1200	SOAKAWAY 150mm			S'12.002	48.890	150	
RE	50.150	0.450	450	S'14.000	49.700	100				
29/1	50.150	0.575	450	S'14.001	49.575	100	S'14.000	49.575	100	
28/1	50.150	0.606	450	S'14.002	49.544	100	S'14.001	49.544	100	
28/2	50.150	0.679	450	S'14.003	49.471	100	S'14.002	49.471	100	
30/1	50.150	0.450	450	S'15.000	49.700	100				
28/4	50.150	0.578	450	S'15.001	49.572	100	S'15.000	49.572	100	
28/5	50.150	0.644	450	S'15.002	49.506	100	S'15.001	49.506	100	
28/3	50.150	1.415	450	S'14.004	48.735	150	S'14.003	48.785	100	
							S'15.002	48.785	100	
CP8	49.825	1.131	1200	SOAKAWAY 150mm			S'14.004	48.694	150	

SURFACE WATER INSPECTION CHAMBER SCHEDULE – PHASE 2
STANSTY ROAD ACCESS

NOTES

1. All dimensions in metres unless stated otherwise
2. All levels in metres relative to Local Datum as topographical survey by others
3. This drawing to be read in conjunction with all other drawings referred to on the document and drawing issue sheet
4. Surface water drainage layout subject to detailed approval by Building Control
5. All proposed levels to be checked and confirmed on site by the contractor prior to commencement of works. any discrepancies to be reported to the engineer immediately. All downstream levels to be checked and confirmed by the contractor prior to construction of any upstream drainage.
6. Refer to architects drawings for all domestic foul & sw drainage connection positions around and within buildings
7. Refer to drawing 3916/D01 & D02 for construction details
8. Type Z concrete bedding required where cover <0.9m in the carriageway and in private shared access roads / drives. Compressible filler required at all joints in accordance with SFA7 Fig B27 throughout depth of concrete surround. Type S bedding required elsewhere.
9. 50mm backdrop dimensions shown are in accordance with Sfa7 where the invert of the connecting pipe to be at lease 50mm above that of the main pipe.
10. Where chambers are positioned on 90° corners, always use the main channel by fitting a 45° bend (max) on the inlet and outlet as shown on Sfa7 Figure B.20

FOR APPROVAL

REV	DATE	NATURE OF REVISION	BY	CHECKED	
DO NOT SCALE THIS DRAWING. THIS DRAWING IS COPYRIGHT. CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ARCHITECT / ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES.					
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CLIENT	GOWER HOMES				
PROJECT	PROPOSED RESIDENTIAL DEVELOPMENT THE SIDINGS, RAILWAY ROAD, WREXHAM				
DRAWING	SW INSPECTION CHAMBER SCHEDULES				
SCALE	NTS	SIZE	A2	DRAWN	CHKD
				DATE	
				10.03	
JOB No	3916		DWG No	09	
REV	.				