FOUL							
MH No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)
F2	600	Type D	4.928	3.721	1.057	519386.656	105401.203
F3	600	Type D	4.689	3.477	1.062	519386.601	105381.676
F4	600	Type D	4.241	2.988	1.100	519347.784	105379.177
F5	1350	Type C	4.119	2.648	1.321	519320.365	105379.611
F6	1350	Type C	4.024	2.674	1.200	519235.291	105380.650
F7	1350	Type C	3.802	2.238	1.414	519258.934	105380.106
F8	1200	Type B	4.226	2.016	2.060	519258.531	105413.277
F9	1200	Type B	4.356	1.902	2.304	519256.084	105430.105
F10	1350	Type C	4.542	3.192	1.200	519336.046	105421.944
F11	600	Type D	4.623	3.050	1.423	519315.161	105417.798
F12	1200	Type B	4.366	2.620	1.596	519310.056	105441.162
F13	1350	Type C	4.729	3.379	1.200	519355.900	105452.857
F14	1350	Type C	4.626	3.268	1.208	519351.299	105460.471
F15	1350	Type C	4.417	3.242	1.025	519318.129	105471.815
F16	1200	Type B	4.312	2.568	1.594	519321.350	105452.727
F17	1200	Type B	4.176	2.320	1.706	519308.319	105450.348
F18	1350	Type C	4.210	2.942	1.118	519258.466	105461.826
F19	1200	Type B	4.262	1.695	2.342	519262.476	105441.061
F20	1200	Type B	4.187	1.619	2.343	519254.501	105439.446
F21	1350	Type C	3.419	2.212	1.057	519197.993	105464.225
F22	1200	Type B	3.686	1.905	1.631	519202.508	105440.117
F23	1350	Type C	3.811	2.461	1.200	519206.579	105420.840
F24	1200	Type B	3.687	1.180	2.282	519204.757	105429.476
F25	1200	Type B	3.585	1.835	1.600	519149.301	105478.358
F26	1200	Type B	3.525	1.597	1.778	519143.391	105443.234
F28	1200	Type B	3.364	1.474	1.740	519151.967	105426.950
F29	1200	Type B	3.518	1.380	1.988	519165.663	105429.676
F30	1200	Type B	3.281	0.876	2.180	519167.801	105422.730
F31	1200	Type B	3.149	0.761	2.163	519156.909	105412.919
F40	1350	Type C	5.240	3.859	1.231	519517.785	105168.443
F42	1350	Type C	5.091	3.500	1.441	519445.865	105118.333
F43	1200	Type B	5.068	3.073	1.845	519473.905	105137.806
F44	1200	Type B	5.631	2.600	2.881	519453.261	105168.007
F45	1350	Type C	5.077	3.727	1.200	519498.991	105207.818
F46	1200	Type B	5.279	3.531	1.598	519492.262	105221.944
F47	1200	Type B	5.416	3.274	1.992	519488.061	105242.056
F48	1200	Type B	5.495	3.191	2.154	519481.572	105243.337
F49	1200	Type B	5.149	2.223	2.776	519434.066	105221.045
F50	1200	Type B	5.061	2.162	2.749	519425.675	105217.411
F51	1200	Type B	4.973	2.103	2.720	519417.083	105215.437
F53	1350	Type C	5.211	3.426	1.200	519443.525	105287.393
F54	1200	Type B	5.332	2.948	1.749	519411.823	105274.352
F55	1200	Type B	5.055	2.695	1.725	519391.760	105271.606
F56	1200	Type B	4.725	2.846	1.729	519392.557	105221.515
F57	1200	Type B	4.783	1.977	2.656	519398.329	105215.434
F58	1200	Type B	4.646	1.757	2.739	519382.285	105186.710
F59	1200	Type B	4.445	2.299	1.996	519392.983	105140.546
F60	1200	Type B	4.413	1.878	2.385	519379.915	105171.511
F61	1200	Type B	4.525	1.680	2.695	519370.955	105184.609
F62	1200	Type B	4.606	1.585	2.871	519359.081	105192.382
F63	1350	Type C	4.708	3.358	1.200	519337.407	105257.223
F64	1350	Type C	4.269	2.919	1.200	519337.364	105228.925
F65	1200	Type B	4.373	1.388	2.835	519330.393	105198.183
F66	1200	Type A	4.499	1.100	3.249	519287.499	105195.895
F67	1200	Type B	5.027	3.312	1.565	519337.188	105273.415
F68	1200	Type B	4.432	2.717	1.565	519282.916	105273.244
F69	1200	Type B	4.486	2.408	1.928	519282.774	105226.914
F70	1200	Type A	4.406	0.704	3.552	519272.817	105201.528
F71	1200	Type A	3.870	0.398	3.322	519229.891	105217.358
F73	1350	Type C	4.757	3.391	1.200	519403.491	105351.079
F74	1200	Type B	4.231	2.359	1.722	519319.621	105351.802
F75	1200	Type B	4.277	1.866	2.261	519245.735	105353.703
F76	1350	Type C	3.333	1.983	1.200	519137.259	105383.670
F77	1350	Type C	3.363	1.899	1.314	519137.055	105371.158
F78	1200	Type B	2.982	1.100	1.732	519167.241	105370.258
F79	1200	Type B	2.937	0.994	1.793	519167.150	105354.495
F80	1200	Type B	3.437	0.650	2.637	519167.514	105303.011
F81	1350	Type C	5.471	4.121	1.200	519380.101	105296.082
F82	1200	Type B	5.313	3.614	1.549	519339.524	105295.936
F83	1200	Type B	5.252	3.546	1.556	519335.879	105299.996
F84	1200	Type B	5.198	3.480	1.568	519331.148	105302.396
F85	1350	Type C	4.770	3.195	1.425	519288.523	105302.368
F86	1350	Type C	4.696	3.153	1.393	519283.606	105298.552
F87	1350	Type C	4.627	3.112	1.365	519282.822	105292.568
F88	1350	Type C	3.973	2.623	1.200	519245.160	105308.741
F89	1200	Type B	4.179	1.957	2.072	519245.013	105292.792
F90	1350	Type C	4.151	2.760	1.241	519223.081	105263.121
F91	1200	Type B	3.961	1.810	2.001	519223.083	105292.702
F92	1350	Type C	3.381	2.031	1.200	519127.277	105297.344
F93	1200	Type B	3.463	0.586	2.727	519164.381	105294.093
F94	1200	Type B	3.097	0.257	2.690	519163.258	105244.765
F95	1200	Type B	2.988	-0.068	2.906	519161.139	105229.279
F96	1200	Type A	3.052	-0.159	3.061	519157.801	105216.071
F98	1350	Type C	4.559	3.209	1.200	519338.071	105162.307
F99	1350	Type C	4.293	2.759	1.384	519312.017	105162.608
F100	1200	Type B	4.123	2.388	1.585	519290.462	105157.205
F101	1200	Type B	3.967	2.275	1.540	519281.600	105157.675
F102	1200	Type B	3.669	1.177	2.342	519248.077	105172.839
F104	1200	Type B	3.422	0.789	2.483	519219.354	105184.262
F105	1200	Type B	3.344	0.407	2.787	519165.180	105192.436
F108	1350	Type C	4.614	3.264	1.200	519365.684	105101.384
F109	1350	Type C	4.434	3.084	1.200	519347.731	105072.341
F110	1350	Type C	4.353	2.788	1.415	519341.844	105095.282
F111	1350	Type C	4.263	2.725	1.388	519332.521	105096.689
F112	1350	Type C	4.056	2.593	1.313	519313.343	105091.977
F113	1350	Type C	4.040	2.690	1.200	519302.401	105117.258
F114	1200	Type B	3.887	1.810	1.927	519299.041	105098.597

FOUL							
MH No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)
F115	1200	Type B	3.972	1.589	2.233	519266.408	105103.756
F116	1350	Type C	3.273	1.907	1.200	519231.667	105137.519
F117	1200	Type B	3.572	1.286	2.136	519224.913	105122.135
F118	1350	Type C	3.329	1.979	1.200	519200.224	105112.750
F119	1200	Type B	3.066	1.095	1.821	519200.241	105130.754
F120	1200	Type B	2.925	1.043	1.732	519192.609	105131.912
F15a	1350	Type C	4.490	3.116	1.224	519319.861	105461.918
F18a	1200	Type B	4.432	2.765	1.517	519261.156	105447.889
F59a	1200	Type B	4.300	2.107	2.043	519385.931	105154.174
F62a	1200	Type B	4.391	1.447	2.794	519339.097	105197.679
F65a	1200	Type A	4.505	1.159	3.196	519296.257	105195.069

GENERAL 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.

DRAINAGE NOTES:

1. All adoptable pipes, bends and junctions shall be vitrified clay in accordance with the current version of BS EN 295-1, with flexible joints and kitemark certified.

2. All Adoptable sewers shall be in strict accordance with the SSG Appendix C - Design and Construction Guidance. 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.

3. All private building drainage shall be constructed in strict in accordance with the current version of BS EN 752:2017. 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.

4. Where a pipe is within 1m of a foundation the trench shall be filled with class GEN 3 concrete up to the lowest level of the foundation. Where the trench is further than 1m from the foundation, the trench shall be filled with class GEN 3 concrete to a level below the lowest level for the foundation equal to the distance from the foundation less 150mm. In both cases the pipe shall be bedded and surrounded in 150mm thick class GEN 3 concrete.

5. 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.

6. In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided. Compressible boards (fibreboard 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.

7. All svps shall have rodding access plates fitted at their bases (ground floor level).

8. Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.

9. Any discrepancy between the drawing and site should be reported immediately to the Engineer.

10. All manhole and chamber sizes are given as a minimum to meet the SSG Appendix C-Design and Construction Guidance

REV	DATE	INT	DESCRIPTION	CHK
I	13.02.23	AJD	Updated to suit Flow file: 23621 - CALA PH2 v2.0 Date 10/02/23 (Updated apartment blocks and layout 21164 - P102L)	SRM
H	14.12.22	AJD	Updated to suit Flow file: 23621 - CALA PH2 v1.9 Date 14/12/22 (central parcel area updated to suit combined services)	SRM
G	29.09.22	AJD	Southern section updated to suit raised tables and combined services	SRM
F	20.09.22	AJD	Updated to suit Flow file: 23621 - CALA PH2 v1.3 Date 02/09/22, private drainage drainage schedule moved to drawing 262	SRM
E	29.07.22	AJD	F2 and F3 moved to suit new combined services plan received 22.07.22. Plot 322-324 drainage updated to suit new block plans and site layout. Plots 325-328 drainage added to suit new block plans	SRM
D	04.03.22	AJD	Plots 322 to 324 added	SRM
C	10.02.21	AJD	Updated to suit Flow file: 23621 - CALA PH2 v1.2 Date 09/02/22 Network Modifications: • Additional manholes north of section S38 road • Foul and surface moved to miss services (as built) Plots 259-283 • Networks 7 and 11 combined • Networks 4 and 8 combined • Network 12 headwall moved to end of watercourse • S125 moved	SRM
B	07.02.22	AJD	F103 deleted, F104 and 105 updated	SRM
A	04.02.22	AJD	Updated to current design	SRM

Issue Status: FOR APPROVAL

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CLIENT: CALA Homes (South Home Counties) Ltd

PROJECT: New Monks Park - Phase 2

TITLE: Foul Water Manhole Schedules - Sheet 1

DRAWN: A Davies | DATE: Dec 2021 | PROJECT NO.: 23621

ENGINEER: S Magowan | CHECKED: SRM

SCALE: NTS

DRG. No.: 261 | REV.: I