

SURFACE WATER DRAINAGE NETWORK DETAILS - RESIDENTIAL								
S1.009	S4	10.500	1.436	9.064	8.920	225	170.0	9.012 S5
S1.010	S5	10.500	1.488	9.012	15.413	225	170.0	8.921 S6
S1.011	S6	10.500	1.654	8.846	25.612	300	170.0	8.695 S16
S1.012	S16	10.500	1.805	8.695	31.622	300	170.0	8.509 S9
S3.002	S7	8.750	1.363	7.387	25.157	225	170.0	7.239 S20
S3.003	S20	8.850	1.611	7.239	40.642	225	170.0	7.000 S8
S3.004	S8	9.000	2.075	6.925	11.866	300	240.0	6.875 S9
S3.005	S9	9.150	2.275	6.875	24.077	300	240.0	6.775 S29
S3.006	S29	9.300	2.525	6.775	31.320	300	240.0	6.645 S10
S3.007	S10	9.600	3.030	6.570	15.463	375	300.0	6.518 S7
S3.008	S7	10.500	3.982	6.518	7.955	375	300.0	6.492 S8
S8.002	S31	10.300	1.319	8.981	21.963	225	170.0	8.852 S32
S8.003	S32	10.200	1.348	8.852	5.416	225	170.0	8.820 S38
S8.004	S38	9.800	0.980	8.820	12.995	225	170.0	8.744 S38
S8.005	S38	9.800	1.326	8.474	4.926	225	170.0	8.445 S33
S8.006	S33	9.800	1.355	8.445	23.970	225	170.0	8.304 S34
S8.007	S34	9.100	0.796	8.304	12.363	225	170.0	8.231 S40
S8.008	S40	9.100	1.391	7.709	13.631	300	240.0	7.652 S35
S8.009	S35	9.600	2.023	7.577	23.283	375	300.0	7.500 S36
S8.010	S36	9.490	1.990	7.500	25.127	375	300.0	7.416 S8
S3.009	S8	10.500	4.083	6.417	32.782	450	400.0	6.335 S9
S1.013	S9	10.500	4.315	6.185	16.235	600	900.0	6.167 S10
S1.014	S10	10.500	4.333	6.167	14.655	225	170.0	6.080 S4
S13.002	S3	10.500	1.635	8.865	25.786	225	170.0	8.714 S4
S1.015	S4	10.500	4.420	6.080	26.667	225	170.0	5.923 S5
S1.016	S5	10.395	4.472	5.923	15.369	225	170.0	5.833 S6
S1.017	S6	9.960	4.127	5.833	43.503	225	170.0	5.577 S8
S1.018	S8	8.200	3.430	4.770	50.151	300	240.0	4.561 S10
S16.000	S20	4.755	1.103	3.652	25.314	225	170.0	3.503 S21
S17.000	S21	4.755	1.116	3.639	22.496	225	170.0	3.507 S21
S16.001	S21	4.750	1.322	3.428	34.485	300	240.0	3.284 S22
S16.002	S22	5.391	2.107	3.284	11.000	300	240.0	3.239 S23
S16.003	S23	5.700	2.461	3.239	2.504	300	240.0	3.228 S24
S16.004	S24	5.700	2.472	3.228	15.365	225	240.0	3.164 S10
S1.019	S10	6.100	3.011	3.089	4.672	300	240.0	3.070 S94
S1.020	S94	4.825	1.755	3.070	38.489	300	240.0	2.909 S11
S1.021	S11	4.825	1.916	2.909	18.064	300	240.0	2.834 S12
S1.022	S12	4.533	1.829	2.704	12.634	375	300.0	2.662 S13
S1.023	S13	4.400	1.738	2.662	15.578	225	170.0	2.570 S110
S1.024	S110	4.400	1.830	2.570	19.423	225	170.0	2.456 OUTFALL

SURFACE WATER DRAINAGE NETWORK DETAILS - HOSPITAL								
S21.000	S37	9.329	1.247	8.082	24.463	225	33.6	7.353 S38
S21.001	S38	8.600	1.247	7.353	16.808	225	169.6	7.253 S39
S21.002	S39	9.400	2.147	7.253	28.687	225	28.7	6.253 S40
S22.000	S40	4.750	0.877	3.873	44.827	225	170.0	3.609 S40
S21.003	S40	7.500	3.891	3.609	24.725	225	170.0	3.464 S41
S23.000	S142	4.900	1.233	3.667	23.110	225	170.0	3.531 S41
S21.004	S41	6.000	2.536	3.464	29.096	225	170.0	3.293 S42
S24.000	S117	4.900	1.547	3.353	39.526	375	299.4	3.221 S42
S21.005	S42	5.120	2.052	3.068	20.855	450	490.0	3.025 S43
S25.000	S119	4.900	1.247	3.653	20.331	225	170.0	3.533 S43
S21.006	S43	5.070	2.045	3.025	14.643	450	490.0	2.995 S44
S21.007	S44	5.300	2.305	2.995	10.761	450	490.0	2.973 S45
S21.008	S45	5.400	2.427	2.973	8.771	450	490.0	2.955 S46
S21.009	S46	5.500	2.545	2.955	25.558	450	490.0	2.903 S47
S21.010	S47	5.400	2.497	2.903	44.532	450	490.0	2.812 S48
S26.000	S49	4.900	1.247	3.653	26.943	225	170.0	3.495 S50
S26.001	S50	4.900	1.405	3.495	7.354	225	170.0	3.451 S51
S26.002	S51	4.900	1.449	3.451	25.204	225	170.0	3.303 S52
S26.003	S52	4.875	1.572	3.303	13.309	225	170.0	3.225 S53
S26.004	S53	4.875	1.650	3.225	26.747	225	170.0	3.067 S48
S21.011	S48	5.300	2.488	2.812	19.776	450	490.0	2.772 S49
S21.012	S49	5.750	3.053	2.697	26.689	525	490.0	2.643 S50
S21.013	S50	6.200	3.557	2.643	11.765	525	490.0	2.619 S51
S29.000	S63	5.900	1.247	4.653	53.782	225	170.0	4.337 S64
S29.001	S64	6.100	1.763	4.337	21.237	225	170.0	4.212 S65
S29.002	S65	6.500	2.288	4.212	7.362	225	170.0	4.168 S51
S21.014	S51	6.500	3.881	2.619	20.659	525	490.0	2.576 S52
S30.000	S63	5.500	1.247	4.253	35.301	225	169.6	4.044 S52
S21.015	S52	6.000	3.424	2.576	5.158	525	490.0	2.566 S53
S21.016	S53	6.500	3.934	2.566	25.871	525	490.0	2.513 S54
S21.017	S54	6.500	3.987	2.513	15.697	225	170.0	2.421 S147
S21.018	S147	5.500	3.079	2.421	22.823	225	170.0	2.286 S55
S21.019	S55	5.500	3.214	2.286	11.325	225	170.0	2.220 S56
S21.020	S56	4.900	2.680	2.220	8.545	225	170.0	2.170 OUTFALL

WASTE WATER DRAINAGE NETWORK DETAILS - RESIDENTIAL								
F1.000	F1	8.754	1.142	7.612	62.456	225	200.0	7.300 F2
F1.001	F2	9.000	1.700	7.300	16.539	225	200.0	7.217 F3
F1.002	F3	9.155	1.938	7.217	53.149	225	200.0	6.951 F4
F1.003	F4	9.636	2.685	6.951	20.177	225	200.0	6.850 F9
F2.000	F5	10.500	1.142	9.358	9.076	225	150.0	9.297 F6
F2.001	F6	10.500	1.203	9.297	13.575	225	150.0	9.207 F7
F2.002	F7	10.500	1.293	9.207	30.412	225	150.0	9.004 F8
F2.003	F8	10.500	1.496	9.004	8.018	225	150.0	8.951 F9
F1.004	F9	10.500	3.725	6.775	32.626	300	200.0	6.612 F14
F3.000	F10	10.353	1.142	9.211	32.153	225	60.0	8.675 F11
F3.001	F11	9.800	1.125	8.675	32.833	225	50.0	8.018 F12
F3.002	F12	9.164	1.146	8.018	41.630	225	200.0	7.810 F13
F3.003	F13	9.490	1.680	7.810	41.630	225	200.0	7.602 F14
F1.005	F14	10.500	3.888	6.612	18.107	300	300.0	6.552 F16
F4.000	F15	10.500	1.142	9.358	30.000	225	200.0	9.208 F16
F1.006	F16	10.500	3.948	6.552	23.857	300	300.0	6.472 F17
F1.007	F17	10.395	3.923	6.472	22.305	300	300.0	6.398 F18
F1.008	F18	9.960	3.562	6.398	39.854	300	282.0	6.257 F20
F5.000	F19	7.724	1.142	6.582	52.122	225	200.0	6.321 F20
F1.009	F20	8.175	1.929	6.246	58.835	300	40.0	4.776 F25
F6.000	F21	4.750	1.040	3.710	23.147	225	200.0	3.594 F23
F7.000	F22	4.750	1.049	3.701	20.324	225	200.0	3.599 F23
F6.001	F23	4.750	1.156	3.594	30.497	225	200.0	3.442 F24
F6.002	F24	5.391	1.949	3.442	28.290	225	200.0	3.300 F25
F1.010	F25	5.850	2.625	3.225	45.490	300	300.0	3.074 F26
F1.011	F26	4.825	1.751	3.074	29.945	300	300.0	2.974 F27
F1.012	F27	4.500	1.526	2.974	17.850	300	300.0	2.914 OUTFALL

WASTE WATER DRAINAGE NETWORK DETAILS - HOSPITAL								
F8.000	F28	4.900	0.995	3.905	23.921	225	200.0	3.785 F29
F8.001	F29	4.845	1.060	3.785	14.768	225	200.0	3.712 F30
F8.002	F30	4.800	1.088	3.712	25.675	225	200.0	3.583 F31
F8.003	F31	5.500	1.917	3.583	25.158	225	200.0	3.457 F32
F8.004	F32	7.533	4.076	3.457	35.329	225	200.0	3.281 F33
F8.005	F33	6.000	2.719	3.281	14.987	225	200.0	3.206 F34
F8.006	F34	5.100	1.894	3.206	37.284	225	200.0	3.019 F35
F8.007	F35	5.500	2.481	3.019	8.420	225	200.0	2.977 F36
F8.008	F36	5.500	2.523	2.977	10.272	225	200.0	2.926 F37
F8.009	F37	5.500	2.574	2.926	19.580	225	200.0	2.828 OUTFALL
F9.000	F38	4.900	1.225	3.675	12.896	225	200.0	3.611 F39
F9.001	F39	4.900	1.289	3.611	14.578	225	200.0	3.538 F40
F9.002	F40	4.750	1.212	3.538	23.009	225	200.0	3.423 F43
F10.000	F41	6.110	1.225	4.885	23.979	225	47.0	4.375 F42
F10.001	F42	5.600	1.225	4.375	19.769	225	65.9	4.075 F43
F9.003	F43	5.300	1.877	3.423	11.913	225	200.0	3.363 F44
F9.004	F44	5.400	2.037	3.363	29.815	225	200.0	3.214 F45
F9.005	F45	5.400	2.186	3.214	4.355	225	200.0	3.192 OUTFALL

- GENERAL NOTES:
1. ALL NOTED LEVELS ARE TO ORDNANCE DATUM, MAIN HEAD.

2. REFER TO ARCHITECT'S LAYOUT FOR ALL SET-OUT INFORMATION.

3. REFER TO ARCHITECT / LANDSCAPE ARCHITECT'S DESIGN DRAWINGS FOR DETAILS OF PROPOSED SURFACE FINISHES AND LANDSCAPING.

4. REFER TO ARCHITECT DRAWINGS FOR DETAILS OF PRIVATE DRAINAGE.

5. ALL SURFACE WATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE GREATER DUBLIN REGION CODE OF PRACTICE FOR DRAINAGE WORKS, THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.

6. ALL CAR PARK DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE GREATER DUBLIN REGION CODE OF PRACTICE FOR DRAINAGE WORKS, THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMGNT SPECIFICATION.

7. ALL WASTEWATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE (REVISION 2 - JULY 2020), THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.

8. ALL DRAINAGE COVER LEVELS ARE TO BE COORDINATED WITH PROPOSED ROAD DESIGN LEVELS AND ARCHITECT/LANDSCAPE ARCHITECT'S PROPOSED FINISH LEVELS.

9. ALL BASEMENT CHAMBER COVERS TO BE DOUBLE SEALED, AND CLASSIFICATION D400 LOADING WHERE LOCATED IN VEHICULAR AREAS.

10. ALL CONNECTIONS TO NEW DRAINAGE NETWORKS ARE TO BE MADE AT AN ANGLE OF 90° OR IN THE DIRECTION OF FLOW.

11. REFER TO ARCHITECT AND M&E ENGINEERING DESIGN DRAWINGS FOR CONFIRMATION OF LOCATION AND SPECIFICATION OF FLOOR GULLIES.

12. REFER TO M&E ENGINEERING DESIGN FOR CONFIRMATION OF WASTE AND SANITARY POP-UP/OUTLET LOCATIONS.

13. THE CONTRACTOR IS TO VERIFY INVERT LEVEL AT PROPOSED CONNECTION TO EXISTING SEWERS, PRIOR TO ANY OTHER WORKS BEING CARRIED OUT, AND MAKE ANY DISCREPANCIES KNOWN TO THE ENGINEER.

14. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF PRESENCE ALL EXISTING UTILITIES, IF ANY, ALONG ROUTE OF PROPOSED DRAINAGE NETWORKS - BY INTRUSIVE INVESTIGATION OR EQUAL.

15. EXISTING PUBLIC SEWER TO BE JET CLEANED AND CCTV SURVEYED PRIOR TO, AND AFTER PROPOSED CONNECTIONS FROM NEW NETWORK.

16. ALL NEW DRAINAGE INFRASTRUCTURE TO BE JET CLEANED AND CCTV SURVEYED, WITH ANY NOTED DEFECTS REMEDIATED, ON COMPLETION OF WORKS, TO THE SATISFACTION OF THE LOCAL AUTHORITY.

17. CONCRETE SURROUND TO BE PROVIDED AT ALL LOCATIONS WHERE DEPTH OF COVER IS LESS THEN 1.2m.

18. SPECIAL TREE ROOT PROTECTION MEASURES TO BE PROVIDED WHERE PLANTING IS PROPOSED NEAR EXISTING OR NEW SEWERS IN