

Legend:		
Wastewater Details:		
	Denotes Foul Pipe	Document No. IW-CDS-5030-01
	Denotes Foul Manhole	Waste Water Service Connection Responsibility
	Denotes Ex. Foul Sewer	Drain & Service Connection Pipework
	Denotes Storm Pipe	Typical Sewer/Service Pipe Connection
	Denotes Storm Manhole	Service Layout Showing Separation Distances
	Denotes Connection Pipe	Trench Backfill & Bedding
	Denotes Storm Pipe	Concrete Bed, Haunch & Surround Wastewater Pipes
	Denotes Storm Manhole	Pre-Cast Concrete Manhole
	Denotes Storm Manhole	Backdrop Manholes
	Denotes Storm Manhole	Private Side Inspection Chamber
	Denotes Storm Manhole	Thrust Blocks For Rising Main
	Denotes Storm Manhole	Scour Valve Chamber (Foul rising main <200mmØ)
	Denotes Storm Manhole	Sluice Valve For Rising Mains (P.E.) Pipe (<200mmØ)
	Denotes Storm Manhole	Air Valve Chamber (Foul Rising Main <200mmØ)
	Denotes Storm Manhole	

Note: Refer to Irish Water Standard Details Drawings Document No. IW-CDS-5030-01

US/MH Name	Pipe Length (m)	Fall (m)	Slope (1:X)	US/IL (m)	DS/IL (m)	Pipe DIA (mm)
FS.001	28.385	1.419	20.0	87.065	85.646	150
FS.002	44.050	2.246	19.6	85.646	83.400	150
FS.003	22.500	0.150	150.0	83.400	83.250	225
FS.010	17.735	0.500	35.5	85.950	85.450	150
FS.011	3.650	0.183	19.9	84.983	84.800	150
FS.012	16.565	0.350	47.3	84.800	84.450	150
FS.013	3.300	0.055	60.0	84.450	84.395	150
FS.004	11.500	0.080	143.8	83.460	83.380	225
FS.014	18.915	0.315	60.0	86.950	86.635	150
FS.017	37.090	0.618	60.0	86.300	85.682	150
FS.015	2.385	0.040	59.6	83.673	83.633	150
FS.016	19.975	0.333	60.0	83.633	83.300	150
FS.005	21.000	0.140	150.0	83.600	83.460	150
FS.006	3.800	0.030	126.7	83.600	83.570	150
FS.007	26.000	0.400	65.0	84.000	83.600	150

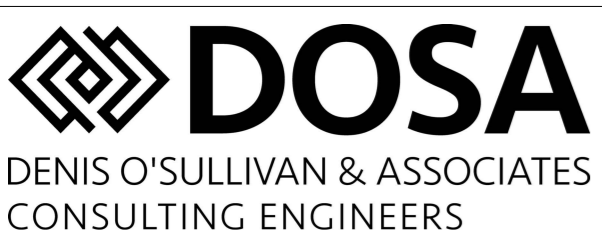
US/MH Name	US/CL (m)	US/IL (m)	Depth (m)
FS.001	88.950	87.065	1.885
FS.002	87.500	85.646	1.854
FS.003	85.450	83.400	2.050
FS.004	85.500	83.460	2.040
FS.005	84.350	83.570	0.780
FS.006	84.350	83.600	0.750
FS.007	84.850	84.000	0.850
FS.010	87.000	85.950	1.050
FS.011	86.500	84.983	1.517
FS.012	85.850	84.800	1.050
FS.013	85.500	84.450	1.050
FS.014	88.000	86.950	1.050
FS.015	87.700	83.673	4.027
FS.016	86.000	83.633	2.367
FS.017	87.350	86.300	1.050
FS.008	85.4	83.25	2.150

US/MH Name	Pipe Length (m)	Fall (m)	Slope (1:X)	US/IL (m)	DS/IL (m)	Pipe DIA (mm)
SW.007	25.375	1.450	17.5	87.450	86.000	225
SW.010	34.185	0.205	166.8	86.200	85.995	225
SW.009	22.785	0.136	167.5	85.995	85.859	225
SW.008	32.565	0.195	167.0	85.859	85.664	225
SW.006	26.665	0.764	34.9	85.664	84.900	225
SW.005	3.965	0.024	165.2	84.900	84.876	225
SW.012	16.875	0.600	28.1	85.875	85.275	225
SW.011	5.960	0.036	165.6	85.275	85.239	225
SW.016	15.945	0.080	199.3	84.725	84.645	225
SW.015	20.345	0.102	199.5	84.645	84.543	225
SW.014	15.225	0.076	200.3	84.543	84.467	225
SW.013	5.865	0.029	202.2	84.467	84.438	225
SW.004	5.000	0.030	166.7	84.438	84.408	300
SW.019	24.635	0.123	200.3	83.225	83.102	225
SW.018	29.350	0.147	199.7	83.102	82.955	225
SW.003	12.500	0.050	250.0	82.150	82.100	300
SW.002	10.850	0.150	72.3	82.100	81.950	225

US/MH Name	US/CL (m)	US/IL (m)	Depth (m)
SW.002	85.450	82.100	3.350
SW.003	86.400	82.150	4.250
SW.004	86.400	84.438	1.962
SW.005	86.400	84.900	1.500
SW.006	87.500	85.664	1.836
SW.007	88.950	87.450	1.500
SW.008	87.700	85.859	1.841
SW.009	87.700	85.995	1.705
SW.010	87.700	86.200	1.500
SW.011	86.400	85.275	1.125
SW.012	87.000	85.875	1.125
SW.013	85.850	84.467	1.383
SW.014	85.850	84.543	1.307
SW.015	87.700	86.465	3.055
SW.017	84.450	82.955	1.495
SW.016	85.850	84.725	1.125
SW.018	84.350	83.102	1.248
SW.019	84.350	83.225	1.125



Drawing 6415-5020 To Be Read In Conjunction with Drawing 6415-5021



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REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
F	E.C.	B.O.S.	C.O.S.	29.06.22	Issued For Part 8 Planning
E	E.C.	B.O.S.	C.O.S.	20.06.22	Issued For Part 8 Feedback

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CLIENT	SCAIRT HILL, DOUGLAS, CORK
PROJECT	SCAIRT HILL, DOUGLAS, CORK
DRAWING TITLE	Proposed Storm And Foul Sewer Layout
SHEET	A1
SCALE	1:250
PROJECT NO.	6415
DRAWING NO.	5020
STATUS/ISSUE	F