



Legend:

Wastewater Details:		Document No. IW-CDS-5030-01
FS	Denotes Foul Pipe	Waste Water Service Connection Responsibility STD-WW-01
FS0	Denotes Foul Manhole	Drain & Service Connection Pipework STD-WW-03
FS	Denotes Foul Sewer	Typical Sewer/Service Pipe Connection STD-WW-04
---	Denotes Ex. Foul Sewer	Service Layout/Showing Separation Distances STD-WW-05
Storm Water Details:		Trench Backfill & Bedding STD-WW-07
---	Denotes Ex. Storm Sewer	Concrete Bed, Haunch & Surround Wastewater Pipes STD-WW-08
---	Denotes Storm Pipe	Pre-Cast Concrete Manhole STD-WW-10
---	Denotes Storm Manhole	Backdrop Manholes STD-WW-12
---	Denotes Storm Sewer	Private Side Inspection Chamber STD-WW-13
---	Denotes Storm Sewer	Thrust Blocks For Rising Main STD-WW-14
---	Denotes Storm Sewer	Scour Valve Chamber (Foul rising main <200mmØ) STD-WW-15
---	Denotes Storm Sewer	Sluice Valve For Rising Mains (P.E.) Pipe (<200mmØ) STD-WW-17
---	Denotes Storm Sewer	Air Valve Chamber (Foul Rising Main <200mmØ) STD-WW-18

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

US/MH Name	US/CL (m)	US/L (m)	Depth (m)	US/MH Name	Pipe Length (m)	Fall (m)	Slope (1:X)	US/L (m)	DS/L (m)	Pipe DIA (mm)
SW.027	34.450	32.950	1.500	SW.027	26.250	1.100	23.9	32.950	31.850	225
SW.028	33.350	31.850	1.500	SW.028	14.065	0.850	16.5	31.850	31.000	225
SW.029	32.500	31.000	1.500	SW.029	5.825	0.350	16.6	31.000	30.650	225
SW.030	32.150	30.650	1.500	SW.030	25.335	0.950	26.7	30.650	29.700	225
SW.031	31.200	29.700	1.500	SW.031	4.200	0.200	21.0	29.700	29.500	225
SW.032	31.000	29.383	1.617	SW.032	4.000	0.333	12.0	29.383	29.050	225
SW.033	30.550	29.050	1.500	SW.033	11.025	0.550	20.0	29.050	28.500	225
SW.016	30.000	28.500	1.500	SW.036	27.785	1.500	18.5	28.500	27.000	225
SW.015	28.500	27.000	1.500	SW.015	50.485	2.500	20.2	27.000	24.500	225
SW.014	26.000	24.500	1.500	SW.014	26.000	1.250	20.8	24.500	23.250	225
SW.013	24.750	23.250	1.500	SW.013	17.600	0.105	167.6	23.250	23.145	300
SW.012	27.350	25.850	1.500	SW.019	38.015	1.500	25.3	25.850	24.350	225
SW.020	25.700	24.200	1.500	SW.020	19.150	0.115	166.5	24.200	24.085	225
SW.018	25.850	24.085	1.765	SW.018	19.265	0.135	142.7	24.085	23.950	225
SW.017	25.450	23.950	1.500	SW.017	17.810	0.350	50.9	23.950	23.600	225
SW.012	25.100	23.145	1.955	SW.012	9.000	0.054	166.7	23.145	23.091	300
SW.011	25.250	22.500	2.750	SW.011	12.000	0.048	250.0	22.500	22.452	300
SW.010	25.250	22.452	2.798	SW.010	9.595	0.038	252.5	22.452	22.414	225
SW.009	25.300	22.414	2.886	SW.009	51.485	0.206	249.9	22.414	22.208	225
SW.008	27.350	22.208	5.142	SW.008	20.545	0.262	78.4	22.208	21.946	225
SW.025	24.500	23.375	1.125	SW.025	48.625	0.291	167.1	23.375	23.084	225
SW.024	24.500	23.084	1.416	SW.024	48.485	0.290	167.2	23.084	22.794	225
SW.023	24.500	22.794	1.706	SW.023	35.465	0.794	44.7	22.794	22.000	225
SW.026	24.500	23.000	1.500	SW.026	22.985	1.000	23.0	23.000	22.000	225
SW.022	23.500	22.000	1.500	SW.022	40.700	0.244	166.8	22.000	21.756	300
SW.021	23.500	21.756	1.744	SW.021	44.090	0.264	167.0	21.756	21.492	300
SW.007	25.500	21.492	4.008	SW.007	25.950	0.155	167.4	21.492	21.337	300
SW.006	25.400	21.337	4.063	SW.006	45.295	0.237	167.1	21.337	21.066	300
SW.005	23.100	21.066	2.034	SW.005	13.100	0.078	167.9	21.066	20.988	300
SW.004	23.100	19.500	3.600	SW.004	12.000	0.060	200.0	19.500	19.440	300
SW.003	23.100	19.440	3.660	SW.003	5.745	0.029	198.1	19.440	19.411	225
SW.002	23.100	19.411	3.689	SW.002	30.825	2.349	13.1	19.411	17.062	225
SW.001	18.500	17.062	1.438	SW.001	12.355	0.062	199.3	17.062	17.000	225

US/MH Name	US/CL (m)	US/L (m)	Depth (m)	US/MH Name	Pipe Length (m)	Fall (m)	Slope (1:X)	US/L (m)	DS/L (m)	Pipe DIA (mm)
FS.001	30.000	28.162	1.838	FS.018	8.500	0.350	24.3	30.650	30.300	150
FS.002	28.500	25.013	3.487	FS.019	22.550	0.950	23.7	30.300	29.350	150
FS.003	24.500	23.375	1.125	FS.020	4.000	0.200	20.0	29.350	29.150	150
FS.004	24.500	23.049	1.451	FS.021	5.300	0.265	20.0	28.965	28.700	150
FS.005	24.500	22.726	1.774	FS.022	10.750	0.538	20.0	28.700	28.162	150
FS.006	23.500	21.650	1.850	FS.001	35.100	1.500	23.4	28.162	26.662	150
FS.007	23.500	21.356	2.144	FS.002	32.750	1.638	20.0	25.013	23.375	150
FS.008	25.500	21.059	4.441	FS.003	48.850	0.326	149.8	23.375	23.049	225
FS.009	25.400	20.906	4.494	FS.004	48.450	0.323	150.0	23.049	22.726	225
FS.010	23.100	20.607	2.493	FS.005	31.875	1.076	29.6	22.726	21.650	225
FS.011	23.100	20.544	2.556	FS.006	44.165	0.294	150.2	21.650	21.356	225
FS.012	23.100	18.833	4.267	FS.007	44.550	0.297	150.0	21.356	21.059	225
FS.013	18.500	17.375	1.125	FS.008	22.915	0.153	149.8	21.059	20.906	225
FS.018	32.500	30.650	1.850	FS.009	44.800	0.299	150.0	20.906	20.607	225
FS.019	32.150	30.300	1.850	FS.010	9.450	0.063	150.0	20.607	20.544	225
FS.020	31.200	29.350	1.850	FS.011	17.985	0.899	20.0	20.544	19.645	225
FS.021	31.000	28.965	2.035	FS.012	29.150	1.458	20.0	18.833	17.375	225
FS.022	30.550	28.700	1.850	FS.013	10.670	0.071	150.0	17.375	17.304	225

Drawing 6291-5020 To Be Read In Conjunction with Drawings 6291-5021/5022