



**FOUL SEWER SCHEDULE - PHASE 4A**

MANHOLE REF. No.	INVERT LEVELS (m.O.D.)	COVER LEVEL	LENGTH (m)	GRADIENT (1 in )	DIAMETER (mm)
F 18.5G	F1.1	96.10 96.33 98.20 99.39	11.00	47	225
F1.1	F1.2	96.33 96.86 99.39 99.86	15.00	28	225
F1.2	F1.3	96.86 97.65 99.49 99.77	37.00	47	225
F1.3	F1.4	97.65 98.23 99.77 100.64	27.00	47	225
F1.4	F1.5	98.23 99.23 100.64 100.22	47.00	47	225
F1.5	F1.6	99.23 99.49 100.22 101.62	12.00	47	225
F1.6	F1.7	99.49 100.73 101.62 102.78	62.00	50	225
F1.7	F1.8	100.73 101.03 102.78 102.92	10.00	33	225
F1.8	F1.9	101.03 103.15 102.92 105.00	65.50	33	225
F2.1	F1.7	102.06 100.73 104.04 102.78	40.00	30	225

**FOUL SEWER SCHEDULE - PHASE 4B**

MANHOLE REF. No.	INVERT LEVELS (m.O.D.)	COVER LEVEL	LENGTH (m)	GRADIENT (1 in )	DIAMETER (mm)
F1.9	F1.10	103.15 103.62 105.00 106.00	33.00	20	225
F1.10	F1.11	103.62 105.43 106.00 107.86	73.00	47	225
F1.11	F1.12	105.43 107.62 107.86 109.65	35.60	20	225
F1.12	F1.13	107.62 108.87 109.65 110.89	25.00	20	225
F1.13	F1.14	108.87 110.22 110.89 112.31	27.00	20	225
F1.14	F1.15	110.22 110.82 112.31 112.83	12.00	20	225
F1.15	F1.16	110.82 112.00 112.83 112.00	26.00	22	225
F3.1	F1.11	105.52 105.43 107.40 107.86	15.00	170	225

**STORM SEWER SCHEDULE - PHASE 4B**

MANHOLE REF. No.	INVERT LEVELS (m.O.D.)	COVER LEVEL	LENGTH (m)	GRADIENT (1 in )	DIAMETER (mm)
S5.6	S5.7	103.53 104.04 105.00 106.00	36.00	47	300
S5.7	S5.8	104.04 105.81 106.00 107.95	73.60	42	300
S5.8	S5.9	106.47 108.07 107.95 109.57	32.00	20	225
S5.9	S5.10	108.07 109.27 109.57 110.79	24.00	20	225
S5.10	S5.11	109.27 110.77 110.79 112.34	25.50	20	225
S5.11	S5.12	110.77 111.37 112.34 112.85	15.00	25	225
S5.12	S5.13	111.37 114.10 112.85 115.60	60.00	22	225
S5.8	S8.1	105.81 106.00 107.95 107.47	18.50	170	225

**STORM SEWER SCHEDULE - PHASE 4A**

MANHOLE REF. No.	INVERT LEVELS (m.O.D.)	COVER LEVEL	LENGTH (m)	GRADIENT (1 in )	DIAMETER (mm)
Ex. S3.1	Ex. S3.2	96.45 96.53 98.52 99.57	4.00	50	300
Ex. S3.2	S1.1	96.60 96.92 99.57 99.41	15.00	48	225
S1.1	S1.2	96.92 97.33 99.41 99.27	20.00	49	225
S1.2	S1.3	97.33 97.48 99.27 99.14	7.00	49	225
S1.3	S1.4	97.48 97.84 99.14 99.20	18.00	49	225
S1.4	S1.5	97.84 98.09 99.20 99.59	12.00	49	225
S1.5	S1.6	98.09 98.59 100.07 99.75	29.75	60	225
S1.6	S1.7	98.59 98.99 100.07 100.45	24.00	60	225
S1.7	S1.8	98.99 99.17 100.45 100.60	11.00	60	225
S1.8	S1.9	99.17 99.55 100.60 101.00	22.00	58	225
S2.1	S1.2	97.45 97.33 99.05 99.27	12.00	100	260m3 ATTENUATION
Ex. S3.2	Ex. S3.3	96.53 96.60 99.57 100.10	36.00	470	300
Ex. S3.3	Ex. S3.4	96.60 96.65 100.10 100.45	23.00	470	300
Ex. S3.4	Ex. S3.5	96.65 96.76 100.45 101.40	49.00	470	300
S1.8	S4.1	99.17 99.31 100.60 100.75	4.75	36	225
S4.1	S4.2	100.75 100.75 102.30 33.00	23	225	
Ex. S3.5	S5.1	99.32 99.69 101.40 101.50	7.00	20	225
S5.1	S5.2	99.69 99.94 101.50 102.00	50.75	200	420m3 ATTENUATION
S5.2	S5.3	100.69 100.96 102.00 102.79	11.00	40	375
S5.3	S5.4	100.96 101.08 102.79 102.78	9.00	80	375
S5.4	S5.5	101.15 101.41 102.78 102.93	15.00	59	300
S5.5	S5.6	101.41 103.53 102.93 105.00	67.00	34	300
S5.1	S6.1	99.98 100.26 101.50 101.71	40.00	40	225
S6.1	S6.2	100.26 101.81 101.71 102.43	30.00	40	225
S5.4	S7.1	101.08 102.43 102.78 104.00	36.00	30	225

**Legend:-**

- Foul Water: F1 (Red line)
- Storm Water: S1 (Green line)
- Drinking Water: (Blue line)
- HYDRANT: (H symbol)
- AIR VALVE: (AV symbol)
- SLUICE VALVE: (SV symbol)
- WATER METER: (M symbol)
- Roads & Footpaths to be TIC: (Yellow shaded area)
- Wayleave: (Orange shaded area)
- Site Boundary Line: (Red line)

Rev	Description	Date

**Comhairle Contae Atha Cliath Theas**  
**South Dublin County Council**  
 Building & Development Control

M. Mulhern  
 Director  
 Land Use Planning & Transportation Department

J. Hegarty  
 Senior Engineer  
 Land Use Planning & Transportation Department

NOTE:- THIS DRAWING DOES NOT CONSTITUTE A RECOMMENDATION TO HAVE AN ESTATE TAKEN IN CHARGE. THIS DRAWING REFERS TO THE TAKEN INTO CHARGE OF THE ROADS AND SERVICES AS INDICATED IN COLOUR. ALL SEWERS ARE 225mm Dia. UNLESS OTHERWISE STATED. SCALE DIMENSIONS NOT TO BE USED. LENGTH OF ROADS AS ON ATTACHED ROAD SCHEDULE. BOUNDARY TREATMENTS TO ROADS TAKEN IN CHARGE I.E. WALLS AND / OR RAILINGS ARE NOT INCLUDED IN & ARE NOT PART OF THE TAKEN IN CHARGE PROCEDURE.

**Taking in Charge Scheme**  
**Abbot's Grove**  
**Knocklyon**  
**Dublin 16**

Drawing Title  
**As Constructed Services Details for WS**

Drawn	Scale	Date	Drawing Number
JK	1:500 @ A1	Nov 2022	BC-1452
PL			

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