



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

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