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**Foul & Surface Water Longsection Booklet  
For Daneswell Place LRD Application  
at  
Daneswell Place,  
(Former Printworks/Smurfit Site),  
Botanic Road,  
Glasnevin,  
Dublin 9.**

**Document No: WS-03-B**

**Prepared by:**



**July 2022**

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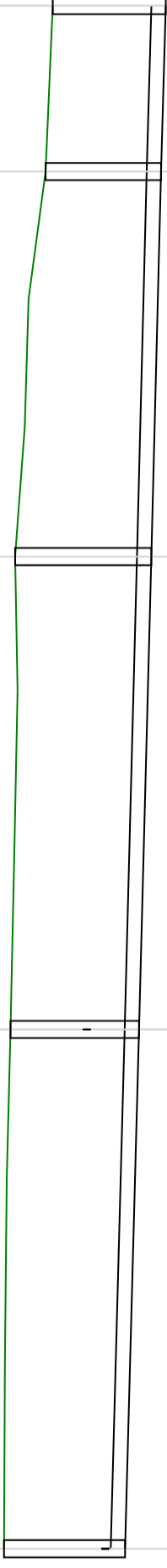
# **Foul Longsection Booklet**



Node Name	EX.FMH.2	EX.FMH.304	EX.FMH.4	F_10	EX.FMH.5	EX.FMH.6	EX.FMH.7
Datum (m)	12.000						
Link Name	1.000	1.001	1.002	1.003	1.004	1.005	1.006
Section Type	150mm	225mm	225mm	225mm	225mm	225mm	225mm
Slope (1:X)	59.0	85.9	86.0	207.0	207.0	200.0	213.0
Cover Level (m)	23.651	23.461	23.450	23.364	23.350	23.334	23.317
Invert Level (m)	22.923	22.199	22.141	21.815	21.761	21.657	21.576
Length (m)	42.727	4.940	28.058	11.173	21.610	16.143	44.632
							21.366
							23.264



Node Name	EX.FMH.7	EX.FMH.8	EX.FMH.9	EX.FMH.10	EX.FMH
A3 drawing Hor Scale 500 Ver Scale 100  Datum (m) 12.000 Link Name Section Type Slope (1:X) Cover Level (m)	21.366	21.147	21.147	20.954	20.802
	23.264	23.162	23.090	22.612	22.500
Invert Level (m)	21.147	21.147	20.954	20.802	20.728
	40.707	37.066	30.186	13.007	
Length (m)					





Node Name	EX.FMH.1	EX.FMH.3
A3 drawing		
Hor Scale 500		
Ver Scale 100		
Datum (m) 13.000		
Link Name	2.000	
Section Type	150mm	
Slope (1:X)	57.2	
Cover Level (m)	23.485	23.461
Invert Level (m)	22.753	22.199
Length (m)		31.715



Node Name	F_02	F_03	F_04			
A3 drawing Hor Scale 500 Ver Scale 100  Datum (m) 13.000						
				Link Name	3.001	
				Section Type	150mm	
	Slope (1:X)	80.0	80.0			
	Cover Level (m)	23.550	23.550	23.450		
	Invert Level (m)	22.560	22.256	22.172		
	Length (m)		24.294	6.741		



Node Name

F\_01

F\_03

A3 drawing

Hor Scale 500  
Ver Scale 100

Datum (m) 13.000

Link Name

Section Type

Slope (1:X)

Cover Level (m)

Invert Level (m)

Length (m)

4.000

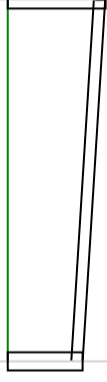
150mm

80.0

23.550  
23.550

22.261  
22.560

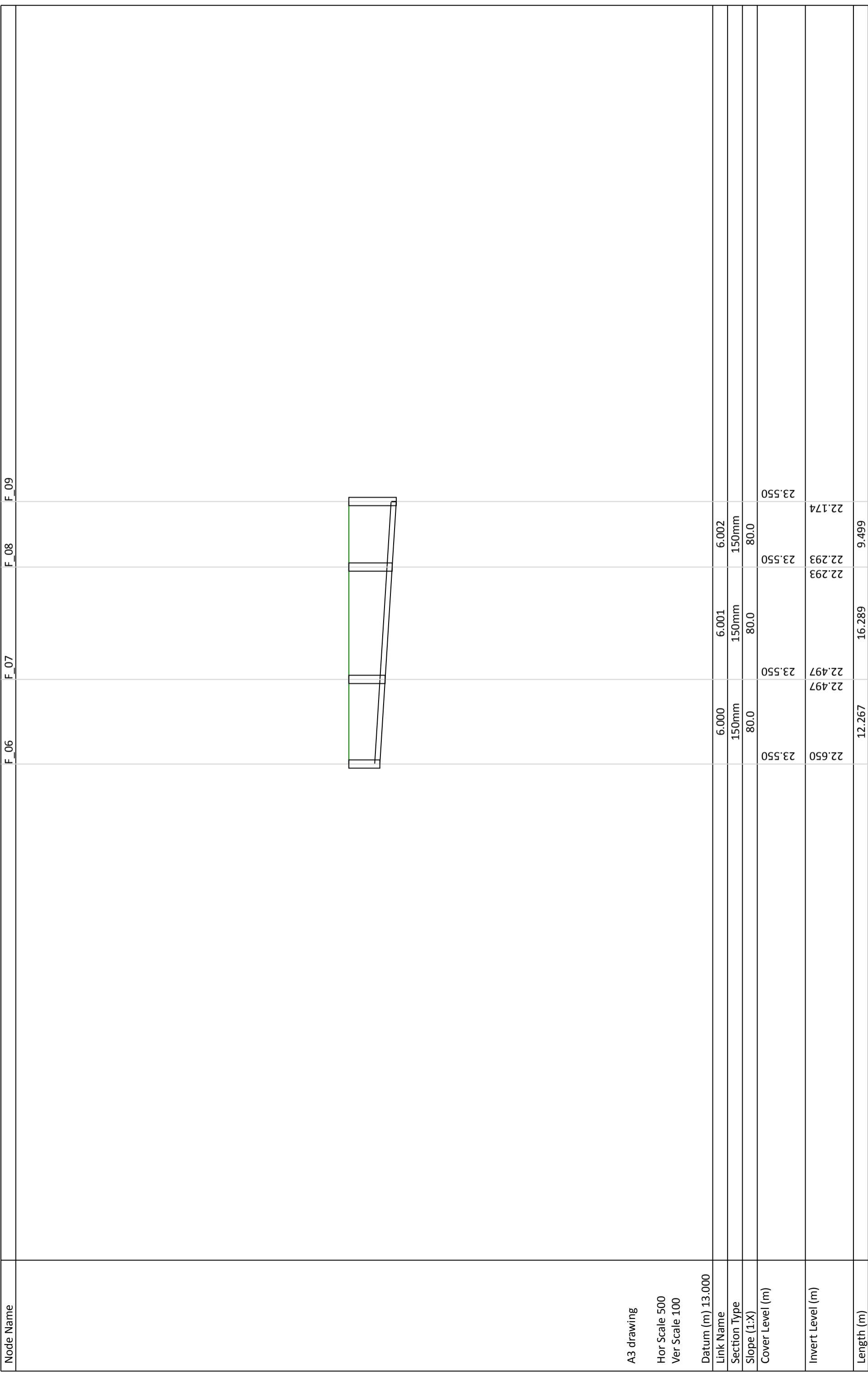
23.929





Node Name	F_05	F_09	F_10
A3 drawing			
Hor Scale 500			
Ver Scale 100			
Datum (m) 13.000			
Link Name			
Section Type	5.000	5.001	
Slope (1:X)	150mm	150mm	100.0
Cover Level (m)	80.0	100.0	100.0
Invert Level (m)	23.650	22.174	23.550
Length (m)	38.056	32.900	21.845





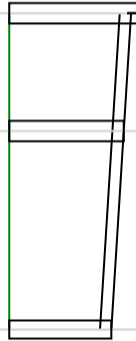
A3 drawing  
 Hor Scale 500  
 Ver Scale 100



Node Name	F_13	F_14	F_15	F_16	EX.FMH.7
A3 drawing					
Hor Scale 500					
Ver Scale 100					
Datum (m) 12.000					
Link Name	7.000	7.001	7.002	7.003	
Section Type	150mm	150mm	150mm	150m	
Slope (1:X)	80.0	80.0	80.0	80.0	
Cover Level (m)	23.350	23.350	23.350	23.350	23.264
Invert Level (m)	22.000	21.824	21.737	21.649	21.600
Length (m)		6.924	7.040	3.949	
	14.082				



Node Name	F_11	F_12	F_16
A3 drawing			
Hor Scale 500			
Ver Scale 100			
Datum (m) 12.000			
Link Name	8.000	8.001	
Section Type	150mm	150mm	
Slope (1:X)	80.0	80.0	
Cover Level (m)	23.350	23.350	23.350
Invert Level (m)	22.000	21.836	21.739
Length (m)		13.125	7.787



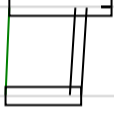


Node Name	F_17	F_15F_20	EX.FMH.8
A3 drawing			
Hor Scale 500			
Ver Scale 100			
Datum (m) 12.000			
Link Name	9.000	9.00	9.002
Section Type	150mm	150r	150mm
Slope (1:X)	80.0	80.0	60.0
Cover Level (m)	23.500	23.450	23.400
Invert Level (m)	22.500	22.098	21.892
Length (m)		3.11	10.029
		32.166	



Node Name

F\_18 F\_19



A3 drawing

Hor Scale 500  
Ver Scale 100

Datum (m) 13.000

Link Name

Section Type

Slope (1:X)

Cover Level (m)

Invert Level (m)

Length (m)

10.000

150mm

80.0

23.500  
23.450

22.500  
22.426

5.901

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# **Surface Water Longsection Booklet**



Node Name	S-01	S-03	S-04	S-05	S-06	S-07
	[Diagram showing a pipe layout with nodes S-01, S-03, S-04, S-05, S-06, S-07. The pipe starts at S-01, goes to S-03, then to S-04, then to S-05, then to S-06, and finally to S-07. A green line highlights the main pipe segment from S-04 to S-07.]					
A3 drawing						
Hor Scale 500						
Ver Scale 100						
Datum (m) 12.000						
Link Name	1.000					
Section Type	450mm					
Slope (1:X)	200.6					
Cover Level (m)	23.589					
Invert Level (m)	21.762	21.762	21.677	21.595	21.549	21.526
Length (m)	45.539	38.253	32.049	20.128	7.682	
				23.300	23.279	23.304
					450mm	1.004
					437.6	334.0



Node Name	S-07	S-08	S-09	S-11	S-08-S-15-16
A3 drawing					
Hor Scale 500					
Ver Scale 100					
Datum (m) 12.000					
Link Name	1.005	1.006	1.007	1.008	1.1.01.0.
Section Type	450mm	450mm	450mm	3500x1200mm	4225225
Slope (1:X)	404.3	412.7	400.7	234.2	0.225225
Cover Level (m)	23.304	23.283	23.284	22.979	22.800 22.800 22.800 22.800 22.800 22.800 22.800 22.800 22.800 22.800 22.800 22.800 22.800 22.750
Invert Level (m)	21.526	21.453	21.341	21.245	20.915
Length (m)		29.515	38.469	23.423	1.2.72.5!





Node Name	S-02	S-03
A3 drawing		
Hor Scale 500		
Ver Scale 100		
Datum (m) 13.000		
Link Name	2.000	
Section Type	450mm	
Slope (1:X)	145.6	
Cover Level (m)	23.473	23.441
Invert Level (m)	21.973	21.762
Length (m)		30.729



Node Name	S-26	S-42	S-27	S-23	S-24	S-T7_1	S-25	S-34S-06a	S-43	S-08a5-08		
Datum (m) 12.000												
Link Name	3.000	3.000	3.001	3.002	3.003	3.004	3.005	3.006	3.006	3.008	3.009	3.010
Section Type	225mm	225mm	225mm	225mm	225mm	450mm	[ ] 18300x1100mm	450mm	450mm	450mm	450mm	450mm
Slope (1:X)	200.0	200.0	200.0	200.0	150.0	225.0	209.6	225.0	14.7	450.0	450.0	0.0
Cover Level (m)	22.384	22.285	22.211	22.211	22.076	21.932	23.650	21.902	21.902	21.549	21.532	21.453
Invert Level (m)	23.550	23.550	23.550	23.550	23.550	23.650	23.650	23.650	23.500	23.500	23.600	23.483
Length (m)	19.887		14.729	26.990		6.743	20.541	7.614	2.93	7.722	32.792	3.931

A3 drawing

Hor Scale 500  
Ver Scale 100



Node Name	S-20	S-21	S-22	S22A	S-23
A3 drawing					
Hor Scale 500					
Ver Scale 100					
Datum (m) 13.000					
Link Name	4.000	4.001	4.002	4.003	
Section Type	150mm	150mm	225mm	225mm	
Slope (1:X)	150.0	150.0	150.0	94.3	
Cover Level (m)	23.550	23.550	23.550	23.550	23.550
Invert Level (m)	22.480	22.402	22.287	22.196	22.076
Length (m)	11.736	17.287	13.672	11.317	

Technical drawing showing a cross-section of a pipe trench or culvert structure. The drawing is oriented vertically on the page, showing the profile of the pipe and its connection to the nodes S-20 and S-23. The pipe has a diameter of 225mm and a slope of 94.3. The invert level is 22.196m and the cover level is 23.550m. The drawing is centered between nodes S-20 and S-23.



Node Name	S-33	S-31	S-24
A3 drawing			
Hor Scale 500			
Ver Scale 100			
Datum (m) 13.000			
Link Name	5.000	5.001	
Section Type	225mm	300mm	
Slope (1:X)	150.0	150.0	
Cover Level (m)	23.650	23.800	23.650
Invert Level (m)	22.225	22.070	21.943
Length (m)	23.199	18.394	



Node Name	S-30	S-31
A3 drawing		
Hor Scale 500		
Ver Scale 100		
Datum (m) 13.000		
Link Name	6.000	
Section Type	225mm	
Slope (1:X)	150.0	
Cover Level (m)	23.550	23.800
Invert Level (m)	22.145	22.066
Length (m)		11.903



Node Name	S-T3_3	S-T3_2	<del>S-T3_1</del>
Datum (m) 12.000	7.000	7.001	7
Link Name	2xClosed 1164x691mm	2xClosed 1164x691mm	4
Section Type	2xClosed 1164x691mm	2xClosed 1164x691mm	4
Slope (1:X)	0.0	0.0	0
Cover Level (m)	23.440	23.440	23.440
Invert Level (m)	21.549	21.549	21.549
Length (m)	25.006	16.995	1



Node Name	S-T1_1	S-10215-08
A3 drawing		
Hor Scale 500		
Ver Scale 100		
Datum (m) 12.000		
Link Name	8.000	8.8.002
Section Type	3xClosed 1164x691mm	4.450m
Slope (1:X)	0.0	0.1 0.0
Cover Level (m)		23.285
		23.283
Invert Level (m)	21.453	21.453
		21.453
		21.453
Length (m)	47.286	1.3.684



Node Name	S-T2_2	S-5708b
A3 drawing		
Hor Scale 500		
Ver Scale 100		
Datum (m) 12.000		
Link Name	9.000	9
Section Type	2xClosed 1164x691mm	4'
Slope (1:X)	0.0	0
Cover Level (m)	23.300	23.300
Invert Level (m)	21.453	21.453
Length (m)		27.261





Node Name	S-T4_1	S-T4_3-10b	S-11
A3 drawing			
Hor Scale 500			
Ver Scale 100			
Datum (m) 12.000			
Link Name	10.000	10.00	10.002
Section Type	[ ] 5000x1450mm	600m	450mm
Slope (1:X)	240.6	0.0	135.7
Cover Level (m)	23.130	23.130	22.979
Invert Level (m)	21.395	21.295	21.234
Length (m)	24.060	4.231	8.272