
**Foul Longsection Booklet
For Proposed Strategic Housing Development
At**

**Daneswell Place,
(Former Printworks/Smurfit Site),
Botanic Road,
Glasnevin,
Dublin 9.**

Document No: WS-03-A

Prepared by:



June 2020

Unit 1, St. Therese's Place
Flowerhill, Navan
Co. Meath

Existing Foul Main
Daneswell SHD
Botanic Road, Dublin



Date 08/02/2019

Designed by JOR Engineering

File Botanic Road R11.mdx

Checked by D O'Brien

XP Solutions

Network 2017.1.2

MH Name	FEX.FMH.1			FEX.FMH.3			FEX.FMH.4			FEX.FMH.5			FEX.FMH.6
Hor Scale 500													
Ver Scale 100													
Datum (m)20.000													
PN	F1.000			F1.001			F1.002			F1.003			
Dia (mm)	150			225			225			225			
Slope (1:X)	77.6			77.6			200.1			199.3			
Cover Level (m)	23.485	23.462	23.488	23.461	23.503	23.386	23.364	23.345	23.340	23.334	23.335	23.326	23.317
Invert Level (m)	22.753			22.349	22.274		21.815	21.815		21.657	21.657		21.576
Length (m)	31.343			35.614			31.621			16.147			

MH Name	FEX.FMH.6			FEX.FMH.7			FEX.FMH.8			FEX.FMH.9
Hor Scale 500										
Ver Scale 100										
Datum (m)20.000										
PN	F1.004			F1.005			F1.006			
Dia (mm)	225			225			225			
Slope (1:X)	200.3			199.5			205.4			
Cover Level (m)	23.317	23.283	23.281	23.278	23.250	23.221	23.162	23.105	23.051	23.109
Invert Level (m)	21.576			21.365	21.365		21.147	21.147		20.953
Length (m)	42.263			43.480			39.839			

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Network 2017.1.2

MH Name	FEX.FMH.9	FEX.FMH.12	FEX.FMH
Hor Scale 500			
Ver Scale 100			
Datum (m)20.000			
PN	F1.007	F1.008	
Dia (mm)	225	225	
Slope (1:X)	199.5	196.6	
Cover Level (m)	23.109	22.939	22.879
Invert Level (m)	20.953	20.801	20.801
Length (m)	30.324	14.746	22.500

MH Name	FEX.FMH.2	FEX.FMH.3
Hor Scale 500		
Ver Scale 100		
Datum (m)21.000		
PN	F2.000	
Dia (mm)	150	
Slope (1:X)	77.6	
Cover Level (m)	23.651	23.592
Invert Level (m)	22.923	22.533
Length (m)	44.542	23.461

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Network 2017.1.2

MH Name	FNEW.FMH.10	FNEW.FMH.11	EXKL.FMH.12
Hor Scale 500			
Ver Scale 100			
Datum (m)	20.000		
PN	F3.000	F3.001	
Dia (mm)	225	225	
Slope (1:X)	79.5	42.4	
Cover Level (m)	23.100	22.829 22.674 22.661	22.576
Invert Level (m)	21.675	21.086 21.086	20.937
Length (m)	46.852	6.314	

Unit 1, St. Therese's Place
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Block B Foul
 Daneswell SHD
 Botanic Road, Dublin



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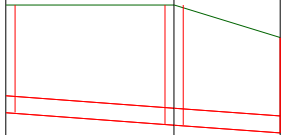
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XP Solutions

Network 2017.1.2

MH Name	FB1	FB2	F
Hor Scale 500			
Ver Scale 100			
Datum (m)20.000			
PN			
Dia (mm)	F1.000	F1.001	
Slope (1:X)	225	225	
Cover Level (m)	57.1	60.1	
Invert Level (m)	23.500 23.312 23.293	23.750 23.163 23.195	23.162
Length (m)	22.075 21.894	21.894 21.775	
	10.336	7.155	

MH Name	FC1	FC2	F
Hor Scale 500 Ver Scale 100 Datum (m)21.000			
PN	F1.000	F1.001	
Dia (mm)	225	225	
Slope (1:X)	67.1	66.9	
Cover Level (m)	23.700	23.700	23.264
Invert Level (m)	22.275	22.109	22.004
Length (m)	11.136	7.027	

Unit 1, St. Therese's Place
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Block D Foul
 Daneswell SHD
 Botanic Road, Dublin



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Network 2017.1.2

MH Name	FD1	FD2	F
Hor Scale 500			
Ver Scale 100			
Datum (m)21.000			
PN			
Dia (mm)	F1.000 225	F1.001 225	
Slope (1:X)	198.2	106.1	
Cover Level (m)	23.750	23.750 23.423 23.278	23.317
Invert Level (m)	22.780	22.729 22.729	22.640
Length (m)	10.110	9.441	

Unit 1, St. Therese's Place
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 Co. Meath

Block E - Foul
 Daneswell Place
 Botanic Rd, Glasnevin, Dublin



Date 20/02/2020

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File Apartment Drainage R01.mdx

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XP Solutions

Network 2016.1.1

MH Name			FE2	F
Hor Scale 500				
Ver Scale 200				
Datum (m)18.000				
PN			F1.001	
Dia (mm)			225	
Slope (1:X)			138.0	
Cover Level (m)		23.396	23.500	23.364
Invert Level (m)		22.488 22.441 22.441		22.379
Length (m)			8.507	

Unit 1, St. Therese's Place
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Basement Foul
 Daneswell Place
 Botanic RD, Glasnevin, Dublin



Date 22/01/2020

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File Basement Drainage R01.mdx

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XP Solutions

Network 2016.1.1

MH Name	BF-1	BF-2	Pump Pit
Hor Scale 500			
Ver Scale 200			
Datum (m) 15.000			
PN	F1.000	F1.001	
Dia (mm)	150	150	
Slope (1:X)	77.6	110.0	
Cover Level (m)	20.400	20.400	20.400
Invert Level (m)	19.750	19.380	19.194
Length (m)	28.704	20.509	

Unit 1, St. Therese's Place
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Basement Carpark Drainage
Daneswell Place SHD Applicatio
Botanic Road, Dublin



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File Basement Drainage R01.mdx

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XP Solutions

Network 2017.1.2

MH Name	BCP-1	BCP-2	BCP-3	BCP-4
Hor Scale 500				
Ver Scale 200				
Datum (m)15.000				
PN	F1.000	F1.001	F1.002	
Dia (mm)	150	150	150	
Slope (1:X)	78.0	108.0	110.0	
Cover Level (m)	20.300	20.300	20.300	20.400
Invert Level (m)	19.650	19.078	18.858	18.459
Length (m)	44.624	23.716	43.904	

MH Name	BCP-5	BCP-2
Hor Scale 500		
Ver Scale 200		
Datum (m)15.000		
PN	F2.000	
Dia (mm)	150	
Slope (1:X)	78.0	
Cover Level (m)	20.300	20.300
Invert Level (m)	19.650	19.308
Length (m)	26.673	

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Basement Carpark Drainage
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Network 2017.1.2

MH Name	BCP-6	BCP-3
Hor Scale 500		
Ver Scale 200		
Datum (m)15.000		
PN	F3.000	
Dia (mm)	150	
Slope (1:X)	77.0	
Cover Level (m)	20.300	20.300
Invert Level (m)	19.650	19.301
Length (m)	26.843	

Unit 1, St. Therese's Place
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Basement Foul Drainage
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XP Solutions

Network 2017.1.2

MH Name	BF-1	BF-2	Pump Pit
Hor Scale 500			
Ver Scale 200			
Datum (m)15.000			
PN	F1.000	F1.001	
Dia (mm)	150	150	
Slope (1:X)	95.0	110.3	
Cover Level (m)	20.300	20.300	20.400
Invert Level (m)	19.650	19.348	19.162
Length (m)	28.704	20.509	