
**Surface Water 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 Storm Network
Daneswell Place SHD
Botanic Rd, Dublin



Date 04/02/2019

Designed by JOR Engineering

File Botanic Road R09.mdx

Checked by D O'Brien

XP Solutions

Network 2017.1.2

MH Name	SEX.SMH.1	SEX.SMH.3	SEX.SMH.4	SEX.SMH.5	SEX.SMH.6	SEX.SMH.7
Hor Scale 500						
Ver Scale 100						
Datum (m)20.000						
PN	S1.000		S1.001		S1.002	
Dia (mm)	450		450		450	
Slope (1:X)	198.8		437.4		402.6	
Cover Level (m)	23.619	23.555	23.491	23.464	23.480	23.377
Invert Level (m)	21.989	21.762	21.762	21.677	21.677	21.594
Length (m)	45.119		37.181		33.418	

MH Name	SEX.SMH.7	SEX.SMH.8	SNEW.SMH.15	SEX.SMH.9	SEX.SMH.11	SEX.SMH.14
Hor Scale 500						
Ver Scale 100						
Datum (m)20.000						
PN	S1.005		S1.006		S1.007	
Dia (mm)	450		450		450	
Slope (1:X)	421.1		307.4		415.0	
Cover Level (m)	23.303	23.296	23.289	23.283	23.290	23.274
Invert Level (m)	21.525	21.452	21.452	21.396	21.396	21.328
Length (m)	30.740		17.214		28.166	

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

Existing Storm Network
Daneswell Place SHD
Botanic Rd, Dublin



Date 04/02/2019

Designed by JOR Engineering

File Botanic Road R09.mdx


Checked by D O'Brien

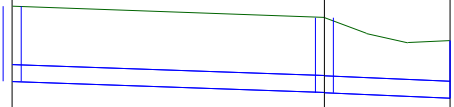
XP Solutions


Network 2017.1.2

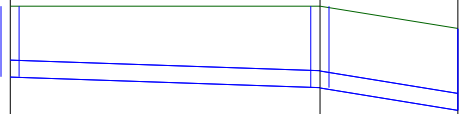
MH Name	SEX.SMH.2	SEX.SMH.3
Hor Scale 500		
Ver Scale 100		
Datum (m)20.000		
PN	S2.000	
Dia (mm)	450	
Slope (1:X)	200.1	
Cover Level (m)	23.486	23.464
Invert Level (m)	21.973	21.825
Length (m)	29.616	

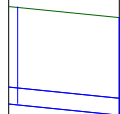
MH Name	SNEW.SMH.13	SEX.SMH.12
Hor Scale 500		
Ver Scale 100		
Datum (m)20.000		
PN	S3.000	
Dia (mm)	225	
Slope (1:X)	146.0	
Cover Level (m)	23.100	22.800
Invert Level (m)	21.913	21.572
Length (m)	49.799	

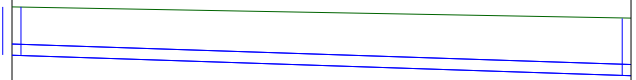
JO'Reilly Consulting Engineers Ltd		Page 1
Unit 1, St. Therese's Place Flowerhill, Navan Co. Meath	Block C Surface Water Daneswell Place SHD Botanic Road, Dublin	
Date 08/02/2019 File Botanic Road R11.mdx	Designed by JOR Engineering Checked by D O'Brien	
XP Solutions	Network 2017.1.2	


MH Name		SC1	SC2	S
Hor Scale 500				
Ver Scale 100				
Datum (m) 21.000				
PN		S1.000	S1.001	
Dia (mm)		225	225	
Slope (1:X)		139.7	109.4	
Cover Level (m)		23.750	23.600 23.389 23.264	23.293
Invert Level (m)		22.752	22.604 22.604	22.528
Length (m)		20.674	8.311	


JO'Reilly Consulting Engineers Ltd		Page 1
Unit 1, St. Therese's Place Flowerhill, Navan Co. Meath	Block D Surface Water Daneswell Place SHD Botanic Road, Dublin	
Date 08/02/2019 File Botanic Road R11.mdx	Designed by JOR Engineering Checked by D O'Brien	
XP Solutions	Network 2017.1.2	

MH Name		SD1	SD2	SATTEN-3-MH1
Hor Scale 500				
Ver Scale 100				
Datum (m) 21.000				
PN		S1.000	S1.001	
Dia (mm)		225	225	
Slope (1:X)		144.5	30.5	
Cover Level (m)		23.750	23.750	23.450
Invert Level (m)		22.811	22.669 22.669	22.369
Length (m)		20.512	9.138	

MH Name	SE1	SATTEN-3-MH2
<p>Hor Scale 500</p> <p>Ver Scale 100</p> <p>Datum (m) 21.000</p>		
PN	S1.000	
Dia (mm)	225	
Slope (1:X)	48.9	
Cover Level (m)	23.550	23.400
Invert Level (m)	22.259	22.109
Length (m)	7.341	

MH Name	SE2	SE3
<p>Hor Scale 500</p> <p>Ver Scale 100</p> <p>Datum (m) 21.000</p>		
PN	S2.000	
Dia (mm)	150	
Slope (1:X)	150.0	
Cover Level (m)	23.750	23.600
Invert Level (m)	23.112	22.839
Length (m)	40.988	

JO'Reilly Consulting Engineers Ltd		Page 2
Unit 1, St. Therese's Place Flowerhill, Navan Co. Meath	Block D Surface Water Daneswell Place SHD Botanic Road, Dublin	
Date 08/02/2019 File Botanic Road R11.mdx	Designed by JOR Engineering Checked by D O'Brien	
XP Solutions	Network 2017.1.2	

MH Name		SE3	SATTEN-7-MH1
Hor Scale 500			
Ver Scale 100			
Datum (m) 21.000			
PN		S2.001	
Dia (mm)		150	
Slope (1:X)		149.7	
Cover Level (m)		23.600	23.550
Invert Level (m)		22.839	22.769
Length (m)		10.478	