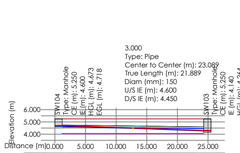
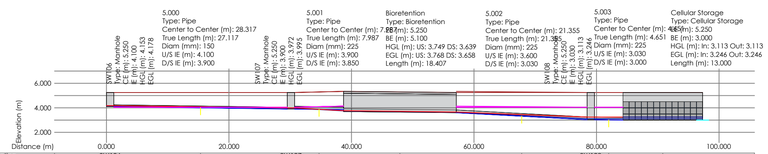


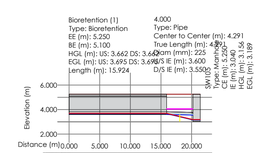
Junction		
Type		
CE (m)		
IE (m)		
Connection	2.000	
Type	Pipe	
Curved	No	
Length (m)	18.287	
Diam (mm)	150	
U/S IE (m)	4.600	
D/S IE (m)	4.320	
SWC		
Type		
CE (m)		
IE (m)		



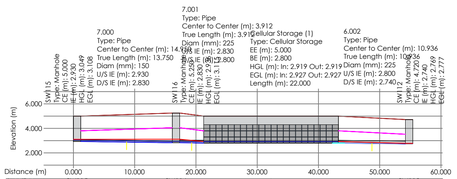
Junction	SW104	SW103
Type	Manhole	Manhole
CE (m)	5.550	5.250
IE (m)	4.600	4.450
Connection	3.000	
Type	Pipe	
Curved	No	
Length (m)	23.089	
Diam (mm)	150	
U/S IE (m)	4.600	
D/S IE (m)	4.450	
SWC		
Type		
CE (m)		
IE (m)		



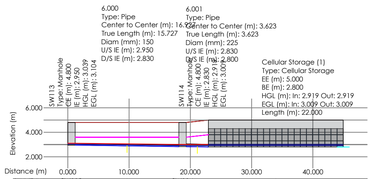
Junction	SW106		SW107		SW108		
Type	Manhole		Manhole		Manhole		
CE (m)	5.250		5.250		5.250		
IE (m)	4.100		3.900		3.030	3.003	
Connection		5.000		5.001		5.002	5.003
Type		Pipe		Pipe		Pipe	Pipe
Curved		No		No		No	No
Length (m)		28.317		7.987		21.355	4.651
Diam (mm)		150		225		225	225
U/S IE (m)		4.100		3.900		3.600	3.030
D/S IE (m)		3.900		3.850		3.030	3.000
SWC			Bioretention				Cellular Storage
Type			Bioretention				Cellular Storage
CE (m)			5.250				5.250
BE (m)			3.600				3.000



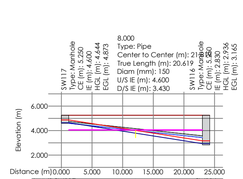
Junction		
Type		
CE (m)		
IE (m)		
Connection		4.000
Type		Pipe
Curved		No
Length (m)		4.291
Diam (mm)		225
U/S IE (m)		3.600
D/S IE (m)		3.550
SWC	Bioretention (1)	
Type	Bioretention	
CE (m)	5.250	
BE (m)	5.100	



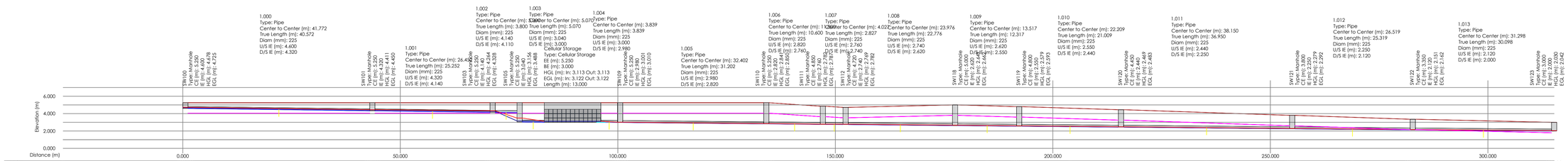
Junction	SW115	SW116			SW112
Type	Manhole	Manhole			Manhole
CE (m)	5.000	5.250			4.720
IE (m)	2.930	2.830			2.740
Connection	7.000	7.001		6.002	
Type	Pipe	Pipe		Pipe	
Curved	No	No		No	
Length (m)	13.750	3.912		10.936	
Diam (mm)	150	225		225	
U/S IE (m)	2.930	2.830		2.800	
D/S IE (m)	2.830	2.800		2.740	
SWC			Cellular Storage (1)		
Type			Cellular Storage		
CE (m)			5.000		
BE (m)			2.800		



Junction	SW113		SW114		
Type	Manhole		Manhole		
CE (m)	4.800		4.800		
IE (m)	2.950		2.830		
Connection		6.000	6.001		
Type		Pipe	Pipe		
Curved		No	No		
Length (m)		15.727	3.623		
Diam (mm)		150	225		
U/S IE (m)		2.950	2.830		
D/S IE (m)		2.830	2.800		
SWC				Cellular Storage (1)	
Type				Cellular Storage	
CE (m)				5.000	
BE (m)				2.800	



Junction	SW117	SW116
Type	Manhole	Manhole
CE (m)	5.250	5.250
IE (m)	4.600	2.830
Connection	8.000	
Type	Pipe	
Curved	No	
Length (m)	17.819	
Diam (mm)	150	
U/S IE (m)	4.600	
D/S IE (m)	3.430	
SWC		
Type		
CE (m)		
IE (m)		
BE (m)		



Junction	SW100	SW101		SW103	SW105		SW109		SW110	SW111	SW112		SW118	SW119	SW120		SW121		SW122		SW123
Type	Manhole	Manhole		Manhole	Manhole		Manhole		Manhole	Manhole	Manhole		Manhole	Manhole	Manhole		Manhole		Manhole		Manhole
CE (m)	5.250	5.250		5.250	5.250		5.550		5.550	5.250	4.720		5.000	5.550	4.440		3.800		3.330		3.000
IE (m)	4.600	4.320		4.140	4.110	3.040	2.980		2.820	2.760	2.740		2.620	2.550	2.440		2.250		2.120		2.000
Connection		1.000	1.001	1.002	1.003	1.004		1.005		1.006	1.007	1.008		1.009	1.010	1.011		1.012		1.013	
Type		Pipe	Pipe	Pipe	Pipe	Pipe		Pipe		Pipe	Pipe	Pipe		Pipe	Pipe	Pipe		Pipe		Pipe	
Curved		No	No	No	No	No		No		No	No	No		No	No	No		No		No	
Length (m)		41.772	26.452	5.200	5.200	3.839		32.402		11.200	4.027	23.976		13.517	22.209	38.150		26.519		31.298	
Diam (mm)		225	225	225	225	225		225		225	225	225		225	225	225		225		225	
U/S IE (m)		4.600	4.320	4.140	4.110	3.040	3.000	2.980		2.820	2.760	2.740		2.620	2.550	2.440		2.250		2.120	
D/S IE (m)		4.320				3.000	2.980			2.760	2.740	2.620		2.550	2.440			2.120		2.000	
SWC						Cellular Storage															
Type						Cellular Storage															
CE (m)						5.250															
BE (m)						3.000															

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REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
B	G.S.	B.O'S	B.O'S	10.01.25	Issued for Planning
A	S.B.	B.O'S.	B.O'S.	04.10.24	Issued for information

CLIENT: Barrys Field Ltd.

PROJECT: Barry's Field, Douglas, Cork

DRAWING TITLE: Proposed Storm Sewer Longitudinal Sections

SHEET: A1

SCALE: 1:250

PROJECT NO. 7114 _ DRAWING NO. 0070 _ STATUS/ISSUE B