Brian O'Sullivan
Joyce House
Barrack Square
Ballincollig
Co. Cork
P31 KP84

Uisce Éireann
Bosca OP 448
Oifig Sheachadta na
Cathrach Theas
Cathair Chorcaí

Uisce Éireann
PO Box 448
South City
Delivery Office
Cork City

www.water.ie

28 January 2025

Re: Design Submission for Barry's Field, Old Carrigaline Road, Douglas, Cork, Co. Cork (the "Development") (the "Design Submission") / CDS24009261.

Dear Brian O'Sullivan,

Many thanks for your recent Design Submission.

We have reviewed your proposal for the connection(s) at the Development. Based on the information provided, which included the documents outlined in Appendix A to this letter, Uisce Éireann has no objection to your proposals.

This letter does not constitute an offer, in whole or in part, to provide a connection to any Uisce Éireann infrastructure. Before you can connect to our network you must sign a connection agreement with Uisce Éireann. This can be applied for by completing the connection application form at www.water.ie/connections. Uisce Éireann's current charges for water and wastewater connections are set out in the Water Charges Plan as approved by the Commission for Regulation of Utilities (CRU) (https://www.cru.ie/document_group/irish-waters-water-charges-plan-2018/).

You the Customer (including any designers/contractors or other related parties appointed by you) is entirely responsible for the design and construction of all water and/or wastewater infrastructure within the Development which is necessary to facilitate connection(s) from the boundary of the Development to Uisce Éireann's network(s) (the "**Self-Lay Works**"), as reflected in your Design Submission. Any infrastructure that is proposed to be vested to Uisce Éireann as part of the Self-Lay Works shall be constructed in accordance with the Uisce Éireann Code of Practice and Standard Details, and shall provide any necessary wayleaves and easements in Uisce Éireann's favour. Acceptance of the Design Submission by Uisce Éireann does not, in any way, render Uisce Éireann liable for any elements of the design and/or construction of the Self-Lay Works.

If you have any further questions, please contact your Uisce Éireann Representative

Name: James King
Email: James.King@water.ie

Yours sincerely,

Dermot Phelan
Connections Delivery Manager

Stiúrthóirí / Directors: Niall Gleeson (POF / CEO), Jerry Grant (Cathaoirleach / Chairperson), Gerard Britchfield, Liz Joyce, Michael Nolan, Patricia King, Eileen Maher, Cathy Mannion, Paul Reid, Michael Walsh.
Oifig Chláraithe / Registered Office: Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath 1, D01 NP86 / Colvill House, 24-26 Talbot Street, Dublin, Ireland D01NP86
Is cuideachta ghníomhaíochta ainmnithe atá faoi theorainn scaireanna é Uisce Éireann / Uisce Éireann is a designated activity company, limited by shares. Cláraithe in Éirinn Uimh.: 530363 / Registered in Ireland No.: 530363.

Appendix A

Document Title & Revision

- Proposed Watermain Layout - 7114_0030 RevE
- Proposed Drainage Layout - 7114_0020 RevB
- Manhole & Pipe Schedules - 7114_0022 RevA
- Proposed Foul Sewer Longitudinal Sections - 7114_0060 RevA

*For further information, visit **www.water.ie/connections***

Notwithstanding any matters listed above, the Customer (including any appointed designers/contractors, etc.) is entirely responsible for the design and construction of the Self-Lay Works. Acceptance of the Design Submission by Uisce Éireann will not, in any way, render Uisce Éireann liable for any elements of the design and/or construction of the Self-Lay Works.

Legend:

Watermain Details:		Document No. IW-CDS-5020-01
BB050 — Denotes Connection Pipe (25mm O.D. PE Pipe)	Water Service Connection Responsibility :	STD-W-01
BB051 — Denotes Connection Pipe (32mm O.D. PE Pipe)	Customer Connection & Boundary Box :	STD-W-03
	Marker Posts & Plates :	STD-W-27
Denotes 110/125mm O.D. HDPE Watermain	General Pipe Connections :	STD-W-04
Denotes 80mm O.D. HDPE Watermain loop	General Pipe Connections :	STD-W-05
Denotes 150mm Ø (I.D.) - HDPE Watermain	General Pipe Connections :	STD-W-07
	Trench Backfill and Bedding :	STD-W-13
	Watermain Thrust & Support Blocks :	STD-W-28
SV001 — Denotes Sluice Valve	Sluice Valve :	STD-W-15
	Marker Posts & Plates :	STD-W-27
WO — Denotes Washout Hydrant	Washout Hydrant :	STD-W-30A
MF01 — Multi Water Meter Box	On Line Hydrant :	STD-W-18
	Off Line Hydrant :	STD-W-19
FH003 — Denotes Fire Hydrant	Marker Posts & Plates :	STD-W-27
AV001 — Denotes Air Valve	Air Valve :	STD-W-22
Meter Chamber — Denotes Water Meter	Meter Chamber :	STD-W-26/26A
	Marker Posts & Plates :	STD-W-27
Denotes Existing Public Watermain		

Note: Refer to Irish Water Standard Details Drawings Document No. IW-CDS-5020-01

1. Mains should extend no more than 1.2m beyond the final Service Connection to mitigate dead-end Mains (Code of Practice for Water Infrastructure - Section 3.5)
2. Service connection pipes should be a minimum of 25mm ouside diameter, 20mm inside diameter, and should be provided with appropriately sized fittings. (Code of Practice for Water Infrastructure - Section 3.8)
3. Separation distances must be in compliance with Standard details & Code of Practice for Water Infrastructure
4. All meters in the manifold shall be tagged to indicate which property is supplied and any unused outlets are to be blanked off.



Proposed Watermain Layout
Scale : 1:250

Proposed Watermain Layout
Scale : 1:250

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REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
E	B.O'S.	B.O'S	B.O'S	17.01.25	Issued for Planning
D	G.S.	B.O'S	B.O'S	10.01.25	Issued for Planning
C	S.B.	B.O'S.	B.O'S.	20.11.24	Revised & Reissued for information
B	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 Watermain Layout

SHEET: A1

SCALE: 1 : 250

PROJECT NO. 7114 _ DRAWING NO. 0030 _ STATUS/ISSUE E

Legend:

Wasteater Details:	Document No. IW-CDS-5030-01	
Denotes Foul Pipe	Waste Water Service Connection Responsibility :	STD-WW-01
FO1 Denotes Foul Manhole	Typical Layout for Sewer within New Developments	STD-WW-02
Denotes Foul Sewer (Concrete encased)	Drain & Service Connection Pipework :	STD-WW-03
IC Denotes Inspection Chamber	Typical Sewer / Service pipe Connection :	STD-WW-04
Denotes Existing Foul Pipe	Typical Service Layout indicating separation distances	STD-WW-05
	Wastewater - Vertical separation distances	STD-WW-05A
Storm Water Details:	Existing Planting	STD-WW-06
Denotes Storm Pipe	Restrictions on new planting adjacent to sewers	STD-WW-06A
S01 Denotes Storm Manhole	Trench Backfill & Bearing :	STD-WW-07
Denotes Storm Sewer (Concrete encased)	Concrete Bed, Haunch & Surround to Waste Water :	STD-WW-08
Denotes Ex. Storm Sewer	Pre-cast Concrete Manhole :	STD-WW-10
	Backdrop manholes:	STD-WW-12
	Private Side Inspection Chamber :	STD-WW-13

Note: Refer to Uisce Éireann Standard Details Drawings Document No. IW-CDS-5030-01

1. All Foul pipes must be in compliance with Code of Practice for Wastewater Infrastructure - Section 3.13
2. Foul pipe to be 'WavSpec SN8' shall be structure wall construction Type A manufactured in accordance with EN13476-2, and comprising PVC-U smooth internal and external layers with either a foamed or a recycled PVC-U core
3. 'WavSpec SN8' shall be manufactured in accordance with Quality Management system IS EN ISO 9001: 2008 and Environmental Quality System IS EN ISO 14001:2004
4. Separation distances must be in compliance with Standard details & Code of Practice for Wastewater Infrastructure
5. Manhole covers, where located in grass areas, shall be surrounded by a concrete plinth, 200mm all round and 100mm deep formed with C20/25 concrete
6. All new trees/shrubs planting will comply with minimum planting distances as per standard detail STD-WW-06A

All infrastructure is to be installed and built to the Uisce Éireann code of practice and standard details

SuDS Measures Legend:

Bio-retention & Stormwater Attenuation

Filter Drain

Proposed Drainage Layout
Scale : 1:250

N

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REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
B	S.B.	B.O'S.	B.O'S.	14.10.24	Issued for information
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 Drainage Layout

SHEET: A1

SCALE: 1 : 250

PROJECT NO.: 7114 | DRAWING NO.: 0020 | STATUS/ISSUE: B

Name	Type	CL (m)	Depth (m)	I.L. (m)
SW102	Manhole	5.250	0.650	4.600
SW101	Manhole	5.250	0.930	4.320
SW100	Manhole	5.250	0.650	4.600
SW104	Manhole	5.250	0.650	4.600
SW103	Manhole	5.250	1.110	4.140
SW105	Manhole	5.250	2.210	3.040
SW106	Manhole	5.250	1.150	4.100
SW107	Manhole	5.250	1.350	3.900
SW108	Manhole	5.250	2.220	3.030
SW109	Manhole	5.250	2.270	2.980
SW115	Manhole	5.000	2.070	2.930
SW117	Manhole	5.250	0.650	4.600
SW113	Manhole	4.800	1.850	2.950
SW114	Manhole	4.800	1.970	2.830
SW112	Manhole	4.720	1.980	2.740
SW118	Manhole	5.000	2.380	2.620
SW119	Manhole	4.800	2.250	2.550
SW120	Manhole	4.450	2.010	2.440
SW121	Manhole	3.800	1.550	2.250
SW122	Manhole	3.350	1.230	2.120
SW123	Manhole	3.000	1.000	2.000
SW116	Manhole	5.250	2.420	2.830
SW110	Manhole	5.250	2.430	2.820
SW111	Manhole	4.850	2.090	2.760

Storm Manhole Schedule

Name	From	To	Type	Length	U.S./C.L.	U.S./I.L.	D.S/C.L.	D.S./I.L.	Diameter	Slope
2.000	SW102	SW101	Pipe	18.287	5.250	4.600	5.250	4.320	150	65.312
1.000	SW100	SW101	Pipe	41.772	5.250	4.600	5.250	4.320	225	149.185
1.001	SW101	SW103	Pipe	26.452	5.250	4.320	5.250	4.140	225	146.954
3.000	SW104	SW103	Pipe	23.089	5.250	4.600	5.250	4.450	150	153.926
1.002	SW103	SW105	Pipe	5.000	5.250	4.140	5.250	4.110	225	166.667
5.000	SW106	SW107	Pipe	28.317	5.250	4.100	5.250	3.900	150	141.586
6.000	SW113	SW114	Pipe	16.927	4.800	2.950	4.800	2.830	150	141.055
1.008	SW112	SW118	Pipe	23.976	4.720	2.740	5.000	2.620	225	199.801
1.009	SW118	SW119	Pipe	13.517	5.000	2.620	4.800	2.550	225	193.103
1.010	SW119	SW120	Pipe	22.209	4.800	2.550	4.450	2.440	225	201.897
1.011	SW120	SW121	Pipe	38.150	4.450	2.440	3.800	2.250	225	200.788
1.012	SW121	SW122	Pipe	26.519	3.800	2.250	3.350	2.120	225	203.993
1.013	SW122	SW123	Pipe	31.298	3.350	2.120	3.000	2.000	225	260.817
1.003	SW105	Cellular Stor	Pipe	5.070	5.250	3.040	5.250	3.000	225	126.749
5.003	SW108	Cellular Stor	Pipe	4.651	5.250	3.030	5.250	3.000	225	155.044
1.004	Cellular Stor	SW109	Pipe	3.839	5.250	3.000	5.250	2.980	225	191.939
6.001	SW114	Cellular Stor	Pipe	3.623	4.800	2.830	5.000	2.800	225	120.765
6.002	Cellular Stor	SW112	Pipe	10.936	5.000	2.800	4.720	2.740	225	182.273
1.005	SW109	SW110	Pipe	32.402	5.250	2.980	5.250	2.820	225	202.510
1.006	SW110	SW111	Pipe	11.800	5.250	2.820	4.850	2.760	225	196.668
1.007	SW111	SW112	Pipe	4.027	4.850	2.760	4.720	2.740	225	201.332
7.000	SW115	SW116	Pipe	14.950	5.000	2.930	5.250	2.830	150	149.499
8.000	SW117	SW116	Pipe	21.819	5.250	4.600	5.250	3.430	150	18.649
7.001	SW116	Cellular Stor	Pipe	3.912	5.250	2.830	5.000	2.800	225	130.388
5.001	SW107	Bioretention	Pipe	7.987	5.250	3.900	5.342	3.850	225	159.741
5.002	Bioretention	SW108	Pipe	21.355	5.342	3.600	5.250	3.030	225	37.465
4.000	Bioretention	SW105	Pipe	4.291	5.250	3.600	5.250	3.550	225	85.814

Storm Pipe Schedule

Name	Type	C.L.	I.L.	Diameter
FS100	Manhole	5.250	4.425	1.200
FS101	Manhole	5.250	3.730	1.200
FS102	Manhole	5.250	4.425	1.200
FS103	Manhole	5.250	3.580	1.200
FS104	Manhole	5.250	4.425	1.200
FS106	Manhole	5.250	4.425	1.200
FS107	Manhole	5.250	4.010	1.200
FS108	Manhole	5.250	3.680	1.200
FS109	Manhole	5.250	3.650	1.200
FS105	Manhole	5.250	3.420	1.200
FS111	Manhole	5.250	4.425	1.200
FS110	Manhole	5.250	3.270	1.200
FS114	Manhole	4.800	3.750	1.200
FS112	Manhole	5.250	3.190	1.200
FS113	Manhole	4.720	3.100	1.200
FS115	Manhole	5.000	2.970	1.200
FS116	Manhole	5.650	2.640	1.200

Foul Manhole Schedule

Name	From	To	Type	Length	U.S./C.L.	U.S./I.L.	D.S./C.L.	D.S./I.L.		Diameter	Slope
1.000	FS100	FS101	Pipe	41.765	5.250	4.425	5.250	3.730	1.500	150	60.094
2.000	FS102	FS101	Pipe	18.300	5.250	4.425	5.250	4.120	1.500	150	60.000
1.001	FS101	FS103	Pipe	23.014	5.250	3.730	5.250	3.580	1.500	225	153.426
3.000	FS104	FS103	Pipe	25.489	5.250	4.425	5.250	4.000	1.500	150	59.974
1.002	FS103	FS105	Pipe	23.850	5.250	3.580	5.250	3.420	1.500	225	149.063
4.000	FS106	FS107	Pipe	24.875	5.250	4.425	5.250	4.010	1.500	150	59.940
4.001	FS107	FS108	Pipe	19.750	5.250	4.010	5.250	3.680	1.500	150	59.848
4.002	FS108	FS109	Pipe	4.922	5.250	3.680	5.250	3.650	1.500	225	164.072
4.003	FS109	FS105	Pipe	24.193	5.250	3.650	5.250	3.490	1.500	225	151.208
1.003	FS105	FS110	Pipe	22.550	5.250	3.420	5.250	3.270	1.500	225	150.333
5.000	FS111	FS110	Pipe	19.850	5.250	4.425	5.250	4.090	1.500	150	59.254
1.004	FS110	FS112	Pipe	11.800	5.250	3.270	5.250	3.190	1.500	225	147.500
1.005	FS112	FS113	Pipe	13.200	5.250	3.190	4.720	3.100	1.500	225	146.667
6.000	FS114	FS113	Pipe	31.650	4.800	3.750	4.720	3.220	1.500	150	59.717
1.006	FS113	FS115	Pipe	19.499	4.720	3.100	5.000	2.970	1.500	225	149.996
1.007	FS115	FS116	Pipe	48.806	5.000	2.970	5.650	2.640	1.500	225	147.895

Foul Pipe Schedule

NOTE:
See drawing numbers 7114-0020 & 7114-0021 for Drainage Layout

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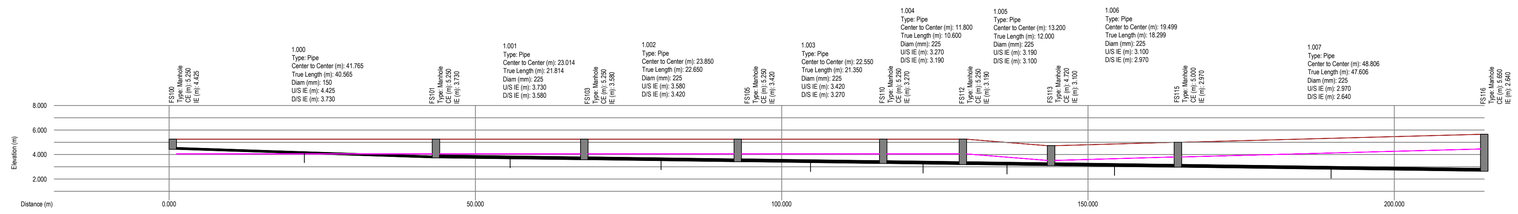
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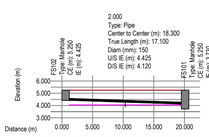
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REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
A	S.B.	B.O'S.	B.O'S.	04.10.24	Issued for information

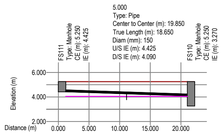
CLIENT: Barrys Field Ltd.
PROJECT: Barry's Field, Douglas, Cork
DRAWING TITLE: Manhole & Pipe Schedules
SHEET: A1
SCALE: NTS
PROJECT NO.: 7114
DRAWING NO.: 0022
STATUS/ISSUE: A



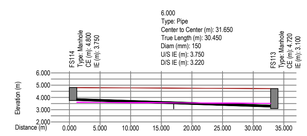
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Type	Manhole			Manhole			Manhole			Manhole			Manhole		Manhole		Manhole		Manhole			Manhole
CE (m)	5.250			5.250			5.250			5.250			5.250		5.250		4.720		3.500			5.800
IE (m)	4.425			3.730			3.580			3.420			3.270		3.190		3.100		2.970			2.640
Connection		1.000			1.001			1.002			1.003			1.004		1.005		1.006			1.007	
Type		Pipe			Pipe			Pipe			Pipe			Pipe		Pipe		Pipe			Pipe	
Curved		No			No			No			No			No		No		No			No	
Length (m)		41.765			23.014			23.850			22.550			11.800		13.200		19.499			48.806	
Diam (mm)		150			225			225			225			225		225		225			225	
U/S IE (m)		4.425			3.730			3.580			3.420			3.270		3.190		3.100			2.970	
D/S IE (m)		3.730			3.580			3.420			3.270			3.190		3.100		2.970			2.640	
SWC																						
Type																						
RTE (m)																						
BE (m)																						



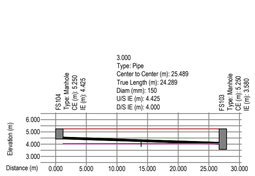
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Type		
CE (m)		
IE (m)		
Connection	2.000	
Type	Pipe	
Curved	No	
Length (m)	18.300	
Diam (mm)	150	
U/S IE (m)	4.425	
D/S IE (m)	4.120	
SWC		
Type		
RTE (m)		
BE (m)		



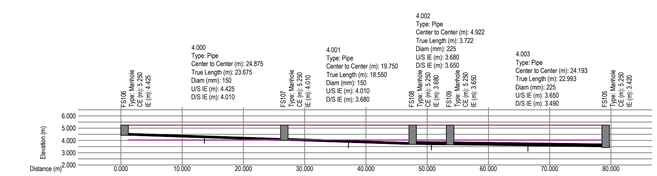
Junction		
Type		
CE (m)		
IE (m)		
Connection	5.000	
Type	Pipe	
Curved	No	
Length (m)	19.850	
Diam (mm)	150	
U/S IE (m)	4.425	
D/S IE (m)	4.090	
SWC		
Type		
RTE (m)		
BE (m)		



Junction	FS114					FS113
Type	Manhole					Manhole
CE (m)	4.800					4.720
IE (m)	3.750					3.100
Connection		6.000				
Type		Pipe				
Curved		No				
Length (m)		31.650				
Diam (mm)		150				
U/S IE (m)		3.750				
D/S IE (m)		3.220				
SWC						
Type						
RTE (m)						
BE (m)						



Junction	FS104					FS103
Type	Manhole					Manhole
CE (m)	5.250					5.250
IE (m)	4.425					3.580
Connection		3.000				
Type		Pipe				
Curved		No				
Length (m)		25.489				
Diam (mm)		150				
U/S IE (m)		4.425				
D/S IE (m)		4.000				
SWC						
Type						
RTE (m)						
BE (m)						



Junction	FS106			FS107			FS108	FS109		FS105
Type	Manhole			Manhole			Manhole	Manhole		Manhole
CE (m)	5.250			5.250			5.250	5.250		5.250
IE (m)	4.425			4.010			3.680	3.650		3.420
Connection		4.000			4.001		4.002		4.003	
Type		Pipe			Pipe		Pipe		Pipe	
Curved		No			No		No		No	
Length (m)		24.875			19.750		4.922		24.193	
Diam (mm)		150			150		225		225	
U/S IE (m)		4.425			4.010		3.680		3.650	
D/S IE (m)		4.010			3.680		3.650		3.490	
SWC										
Type										
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PROJECT: Barry's Field, Douglas, Cork

DRAWING TITLE: Proposed Foul Sewer Longitudinal Sections

SHEET: A1

SCALE: 1:250

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